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TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF NITROGEN VOLUME III. CONSTANT ENTROPY

Herbert S. Brahinsky and Charles A. Neel
ARO, Inc.

August 1969

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VOLUME III. CONSTANT ENTROPY

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FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F.

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This technical report has been reviewed and is approved.

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ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from an S/R of 11.6 to 133.0 and from a temperature of 100 to 15,000°K, where S/R is dimensionless entropy. These data are tabulated at constant entropy with temperature incremented. The dependent parameters are log ρ, log P, log H/R, γ_E, A/AA, Z, H/RT, and Z*. Several sources were used in assembling the data.

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TABLE I

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NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and 1 atm (from $\sqrt{\gamma RT}$)
C_p	Specific heat at constant pressure
C_v	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
P_o	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
Z*	Total number of moles/mole at 273.15°K and 1 atm
γ	Ratio of specific heats
γ_E	Isentropic exponent $(\partial \log P/\partial \log \rho)_S$
ρ	Density, amagats
ρ_o	Reference density, 1 amagat; the density at 1 atm of pressure and 273.15°K

CONSTANTS FOR USE WITH NITROGEN TABLES

T_o = 273.15°K

Gravitational Constant = 32.174 ft/sec^2

1 Btu = 778.158 ft-lb

1 gm-cal = 42,692.8 gm-cm

1 gm/cm^3 = 62.4283 lb/ft^3

P_o = 1.0 atm

= 1.03323×10^3 gm/cm^2

= 14.6959 psi

= 2116.22 psf

= 760 mm Hg

= 1.013246×10^5 newtons/m^2

γ = 1.4 for AA calculation

AA = 1105.661 ft/sec

= 362.750 m/sec

Molecular Weight = 28.0134

R = 1.98717 gm-cal/gm-mole °K
or Btu/lb-mole °R

= 7.09364×10^{-2} gm-cal/gm °K
or Btu/lb °R

= 3196.793 ft^2/sec^2 °K

= 1775.996 ft^2/sec^2 °R

= 3.66099×10^{-3} atm/amagat °K

ρ_o = 1.0 amagat

= 4.45868×10^{-5} gm-mole/cm^3

= 1.24903×10^{-3} gm/cm^3

= 7.79747×10^{-2} lb/ft^3

= 2.42353×10^{-3} slugs/ft^3

DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philosophy, the Arnold Engineering Development Center (AEDC) has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath and Klein (Ref. 1) for nitrogen. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being log ρ and the dependent variables being Z, E/RT, H/RT, S/R, log P, and Z^*. These data include dissociation, ionization, and second virial corrections. The data of Little and Neel (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. The data of Smith (Ref. 4) are in the same NBS format. The data of Grabau and Brahinsky (Ref. 5) extrapolated the existing data to high density for the midrange of temperatures; these data are also in the same NBS format. However, to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density, is desirable. For example, interpolations at constant pressure (Ref. 6) and constant entropy (Ref. 7) greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence, a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 8).

Table I presents these data from an S/R of 11.6 to 50.0 in increments of 0.2, and from an S/R of 50.0 to 133.0 in increments of 1.0. These data are presented for a temperature range from 100 to 15,000°K. Each set of data is at constant entropy with temperature incremented. The dependent parameters are log ρ, log P, log H/R, γ_E, A/AA, Z, H/RT, and Z^* in that order. In the parameter log H/R, H/R is in degrees Kelvin. Constants for reducing the data to various dimensional units are found in the nomenclature.

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TABLE I

THERMODYNAMIC DATA AT CONSTANT ENTROPY FOR NITROGEN

S/R= 11.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9972	4.1930	3.6902	0.0	0.0	14.1608	16.3334	1.00000

S/R= 11.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9825	4.1641	3.6625	0.0	0.0	13.1275	15.3228	1.00000

S/R= 12.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9686	4.1303	3.6323	0.0	0.0	12.1437	14.2962	1.00000

S/R= 12.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9555	4.0917	3.6001	0.0	0.0	11.2087	13.2744	1.00000

S/R= 12.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9428	4.0497	3.5662	0.0	0.0	10.3214	12.2754	1.00000

S/R= 12.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9305	4.0015	3.5307	4.0991	5.522	9.4811	11.3128	1.00000
400	2.9976	4.2768	3.7907	4.0991	7.451	12.9479	15.4381	1.00000

S/R= 12.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	2.9182	3.9504	3.4940	4.4022	5.477	8.6870	10.3974	1.00000
400	2.9820	4.2312	3.7534	4.4022	7.396	11.8790	14.1681	1.00000

S/R= 13.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.7947	3.1771	2.8336	6.4641	3.361	3.3409	3.4087	1.00000
300	2.9059	3.8957	3.4565	5.8436	6.032	7.9381	9.5365	1.00000
400	2.9668	4.1827	3.7156	4.7113	7.321	10.8767	12.9872	1.00000

S/R= 13.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.7761	3.0874	2.7724	6.3980	3.121	2.9106	2.9606	1.00000
300	2.8933	3.9376	3.4184	5.9370	5.804	7.2336	8.7352	1.00000
400	2.9519	4.1316	3.6775	5.0151	7.221	9.9388	11.8959	1.00000

S/R= 13.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.7563	3.0009	2.7224	6.2577	2.879	2.5330	2.6386	1.00000
300	2.8803	3.7764	3.3800	5.9559	5.542	6.5727	7.9960	1.00000
400	2.9372	4.0781	3.6392	5.2991	7.088	9.0632	10.8928	1.00000

S/R= 13.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.7354	2.9175	2.6828	6.0596	2.643	2.2048	2.4084	1.00000
300	2.8666	3.7123	3.3416	5.9066	5.253	5.9545	7.3195	1.00000
400	2.9224	4.0221	3.6010	5.5474	6.918	8.2477	9.9753	1.00000

S/R= 13.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.7130	2.8369	2.6526	5.8173	2.418	1.9224	2.2467	1.00000
300	2.8520	3.6456	3.3035	5.7969	4.946	5.3781	6.7052	1.00000
400	2.9074	3.9640	3.5630	4.7480	6.099	7.4902	9.1399	1.00000
500	2.9934	4.3169	3.8576	4.1049	7.839	11.4502	14.4105	1.00000

S/R= 14.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.6890	2.7592	2.6310	5.5437	2.209	1.6823	2.1378	1.00000
300	2.8364	3.5766	3.2661	5.6360	4.627	4.8428	6.1510	1.00000
400	2.8921	3.9037	3.5254	4.9138	5.907	6.7886	8.3826	1.00000
500	2.9761	4.2628	3.8178	4.2736	7.630	10.4177	13.1478	1.00000

S/R= 14.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.6631	2.6840	2.6172	5.2492	2.017	1.4812	2.0707	1.00000
300	2.8196	3.5056	3.2295	5.4334	4.305	4.3476	5.6546	1.00000
400	2.8762	3.8416	3.4885	5.0279	5.683	6.1407	7.6986	1.00000
500	2.9590	4.2062	3.7781	4.4030	7.379	9.4584	11.9979	1.00000

S/R= 14.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.6353	2.6114	2.6102	4.9427	1.844	1.3154	2.0378	1.00000
300	2.8014	3.4327	3.1942	5.1988	3.984	3.8916	5.2127	1.00000
400	2.8596	3.7777	3.4523	5.0859	5.431	5.5444	7.0833	1.00000
500	2.9419	4.1474	3.7386	4.4893	7.092	8.5694	10.9547	1.00000

S/R= 14.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.6052	2.5411	2.6092	4.6316	1.692	1.1817	2.0333	1.00000
300	2.7816	3.3583	3.1604	4.9413	3.670	3.4742	4.8222	1.00000
400	2.8422	3.7122	3.4171	5.0863	5.156	4.9976	6.5317	1.00000
500	2.9247	4.0863	3.6995	4.2351	6.550	7.7480	10.0116	1.00000
600	2.9940	4.3554	3.9132	3.8827	7.977	10.4452	13.6478	1.00000

S/R= 14.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.5727	2.4731	2.6134	4.3216	1.560	1.0765	2.0530	1.00000
300	2.7600	3.2827	3.1284	4.6691	3.367	3.0943	4.4795	1.00000
400	2.8237	3.6452	3.3830	5.0313	4.865	4.4980	6.0392	1.00000
500	2.9072	4.0232	3.6610	4.3003	6.270	6.9913	9.1618	1.00000
600	2.9743	4.2926	3.8696	4.0170	7.708	9.4259	12.3438	1.00000

S/R= 15.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.5376	2.4072	2.6219	4.0174	1.447	0.9963	2.0933	1.00000
300	2.7364	3.2060	3.0984	4.3893	3.078	2.7511	4.1814	1.00000
400	2.8041	3.5769	3.3503	4.9258	4.564	4.0437	5.6011	1.00000
500	2.9891	3.9582	3.6232	4.3270	5.969	6.2967	8.3985	1.00000
600	2.9546	4.2281	3.8269	4.1241	7.411	8.4890	11.1880	1.00000

S/R= 15.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.4997	2.3432	2.6337	3.7224	1.351	0.9376	2.1511	1.00000
300	2.7107	3.1286	3.0710	4.1078	2.806	2.4438	3.9249	1.00000
400	2.7831	3.5074	3.3192	4.7774	4.260	3.6323	5.2130	1.00000
500	2.8703	3.8914	3.5863	4.3150	5.652	5.6614	7.7148	1.00000
600	2.9348	4.1621	3.7852	4.1985	7.090	7.6305	10.1645	1.00000

S/R= 15.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.4588	2.2811	2.6481	3.4394	1.270	0.8971	2.2236	1.00000
300	2.6825	3.0507	3.0462	3.8296	2.554	2.1715	3.7072	1.00000
400	2.7606	3.4369	3.2897	4.5944	3.959	3.2619	4.8711	1.00000
500	2.8506	3.8230	3.5505	4.2664	5.325	5.0825	7.1043	1.00000
600	2.9147	4.0946	3.7447	3.9758	6.535	6.8468	9.2593	1.00000
700	2.9834	4.3508	3.9358	3.7323	7.878	9.0836	12.3229	1.00000

S/R= 15.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.4146	2.2207	2.6641	3.1704	1.202	0.8712	2.3072	1.00000
300	2.6518	2.9726	3.0244	3.5585	2.323	1.9334	3.5259	1.00000
400	2.7364	3.3655	3.2621	4.3854	3.666	2.9302	4.5715	1.00000
500	2.8298	3.7530	3.5159	4.1841	4.993	4.5572	6.5609	1.00000
600	2.8941	4.0257	3.7055	4.0156	6.217	6.1341	8.4593	1.00000
700	2.9613	4.2813	3.8911	3.8046	7.530	8.1408	11.1174	1.00000

S/R= 15.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.3663	2.1625	2.6800	2.9046	1.138	0.8531	2.3931	1.00000
300	2.6184	2.8946	3.0059	3.2876	2.111	1.7286	3.3791	1.00000
400	2.7103	3.2934	3.2366	4.1585	3.386	2.6352	4.3110	1.00000
500	2.8076	3.6816	3.4828	4.0728	4.663	4.0829	6.0786	1.00000
600	2.8729	3.9554	3.6676	4.0209	5.884	5.4887	7.7531	1.00000
700	2.9392	4.2107	3.8479	3.8472	7.161	7.2824	10.0638	1.00000

S/R= 16.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.3145	2.1057	2.6958	2.6615	1.083	0.8429	2.4820	1.00000
300	2.5918	2.8171	2.9926	3.0317	1.928	1.5623	3.2772	1.00000
400	2.6823	3.2207	3.2134	3.9156	3.119	2.3746	4.0866	1.00000
500	2.7840	3.6090	3.4512	3.9380	4.339	3.6567	5.6522	1.00000
600	2.8507	3.8840	3.6313	3.9917	5.544	4.9068	7.1306	1.00000
700	2.9168	4.1388	3.8062	3.6666	6.607	6.5043	9.1427	1.00000
800	2.9812	4.3990	3.9905	3.4963	7.993	8.7349	12.2290	1.00000

S/R= 16.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.2597	2.0495	2.7118	2.4482	1.037	0.8406	2.5749	1.00000
300	2.5420	2.7404	2.9842	2.7989	1.773	1.4313	3.2140	1.00000
400	2.6521	3.1476	3.1927	3.6665	2.869	2.1464	3.8958	1.00000
500	2.7587	3.5352	3.4213	3.7847	4.026	3.2759	5.2767	1.00000
600	2.8275	3.8114	3.5965	3.9298	5.200	4.3848	6.5825	1.00000
700	2.8938	4.0659	3.7661	3.6803	6.252	5.8019	8.3375	1.00000
800	2.9671	4.3254	3.9443	3.5378	7.598	7.7992	10.9955	1.00000

S/R= 16.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.2023	1.9934	2.7275	2.2609	0.999	0.8443	2.6697	1.00000
300	2.4990	2.6643	2.9784	2.5902	1.641	1.3253	3.1719	1.00000
400	2.6195	3.0742	3.1745	3.4234	2.641	1.9483	3.7366	1.00000
500	2.7316	3.4604	3.3934	3.6182	3.728	2.9376	4.9479	1.00000
600	2.8029	3.7378	3.5635	3.8383	4.858	3.9187	6.1008	1.00000
700	2.8701	3.9920	3.7278	3.6647	5.890	5.1708	7.6335	1.00000
800	2.9429	4.2508	3.9000	3.5520	7.187	6.9517	9.9287	1.00000

S/R= 16.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.1428	1.9374	2.7423	2.1015	0.967	0.8512	2.7622	1.00000
300	2.4528	2.5889	2.9752	2.4080	1.531	1.2412	3.1481	1.00000
400	2.5844	3.0008	3.1602	3.1896	2.437	1.7794	3.6153	1.00000
500	2.7023	3.3848	3.3675	3.4413	3.446	2.6391	4.6617	1.00000
600	2.7769	3.6633	3.5324	3.7221	4.524	3.5050	5.6785	1.00000
700	2.8453	3.9171	3.6913	3.6207	5.525	4.6067	7.0183	1.00000
800	2.9184	4.1754	3.8576	3.4838	6.715	6.1878	9.0053	1.00000
900	2.9806	4.3881	4.0045	3.4202	7.907	7.7676	11.2275	1.00000

S/R= 16.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.0807	1.8805	2.7562	1.9655	0.941	0.8613	2.8521	1.00000
300	2.4033	2.5144	2.9740	2.2479	1.440	1.1758	3.1399	1.00000
400	2.5466	2.9277	3.1497	2.9672	2.254	1.6373	3.5289	1.00000
500	2.6709	3.3084	3.3439	3.2584	3.183	2.3776	4.4147	1.00000
600	2.7492	3.5879	3.5032	3.5857	4.203	3.1398	5.3095	1.00000
700	2.8195	3.8413	3.6567	3.5502	5.165	4.1051	6.4810	1.00000
800	2.8932	4.0991	3.8172	3.4724	6.322	5.5024	8.2050	1.00000
900	2.9547	4.3109	3.9591	3.4433	7.484	6.9111	10.1116	1.00000

S/R= 17.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	2.0160	1.8219	2.7690	1.8581	0.921	0.8736	2.9375	1.00000
300	2.3498	2.4421	2.9750	2.1073	1.364	1.1246	3.1468	1.00000
400	2.5060	2.8545	3.1415	2.7487	2.089	1.5181	3.4629	1.00000
500	2.6369	3.2314	3.3226	3.0767	2.941	2.1504	4.2040	1.00000
600	2.7196	3.5117	3.4761	3.4344	3.898	2.8194	4.9883	1.00000
700	2.7922	3.7646	3.6241	3.4566	4.813	3.6616	6.0123	1.00000
800	2.8673	4.0221	3.7788	3.4350	5.928	4.8906	7.5108	1.00000
900	2.9285	4.2330	3.9157	3.3767	6.986	6.1408	9.1514	1.00000
1000	2.9869	4.4262	4.0464	3.3085	8.065	7.5183	11.1264	1.00000

S/R= 17.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	1.9482	1.7605	2.7802	1.7690	0.906	0.8866	3.0140	1.00000
300	2.2930	2.3704	2.9774	1.9849	1.301	1.0865	3.1640	1.00000
400	2.4625	2.7813	3.1354	2.5490	1.945	1.4190	3.4144	1.00000
500	2.6004	3.1540	3.3040	2.8989	2.722	1.9546	4.0271	1.00000
600	2.6879	3.4349	3.4512	3.2729	3.612	2.5401	4.7104	1.00000
700	2.7633	3.6873	3.5936	3.3439	4.475	3.2719	5.6042	1.00000
800	2.8403	3.9444	3.7425	3.3735	5.539	4.3475	6.9085	1.00000
900	2.9018	4.1544	3.8746	3.3700	6.575	5.4513	8.3259	1.00000
1000	2.9598	4.3470	4.0007	3.3219	7.618	6.6813	10.0164	1.00000

S/R= 17.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	1.1911	0.7103	2.5059	1.4363	0.582	0.9030	3.2057	1.00000
200	1.8778	1.6965	2.7899	1.5247	0.847	0.8999	3.0826	1.00000
300	2.2330	2.2989	2.9807	1.8800	1.250	1.0590	3.1884	1.00000
400	2.4159	2.7082	3.1311	2.3724	1.822	1.3376	3.3811	1.00000
500	2.5607	3.0762	3.2894	2.7270	2.525	1.7875	3.8947	1.00000
600	2.6539	3.3574	3.4286	3.0995	3.343	2.2982	4.4717	1.00000
700	2.7326	3.6092	3.5653	3.2159	4.154	2.9315	5.2499	1.00000
800	2.8121	3.8660	3.7083	3.2903	5.160	3.8682	6.3860	1.00000
900	2.8742	4.0751	3.8356	3.3403	6.167	4.8375	7.6099	1.00000
1000	2.9322	4.2672	3.9573	3.2716	7.123	5.9299	9.0644	1.00000
1100	2.9868	4.4433	4.0737	3.2276	8.126	7.1127	10.7720	1.00000

S/R= 17.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	1.1099	0.6358	2.5115	1.4304	0.586	0.9170	3.2471	1.00000
200	1.8050	1.6301	2.7985	1.5012	0.847	0.9130	3.1439	1.00000
300	2.1700	2.2272	2.9844	1.7933	1.209	1.0387	3.2159	1.00000
400	2.3657	2.6357	3.1287	2.2151	1.716	1.2703	3.3624	1.00000
500	2.5180	2.9583	3.2773	2.5573	2.346	1.6463	3.7871	1.00000
600	2.6175	3.2795	3.4085	2.9271	3.098	2.0898	4.2690	1.00000
700	2.6999	3.5305	3.5391	3.0771	3.853	2.6360	4.9435	1.00000
800	2.7824	3.7870	3.6764	3.1887	4.796	3.4478	5.9330	1.00000
900	2.8456	3.9953	3.7989	3.2884	5.765	4.2942	6.9931	1.00000
1000	2.9039	4.1867	3.9163	3.2554	6.691	5.2591	8.2464	1.00000
1100	2.9585	4.3628	4.0287	3.2269	7.657	6.3161	9.7130	1.00000

S/R= 17.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	1.0275	0.5594	2.5163	1.4250	0.589	0.9299	3.2834	1.00000
200	1.7301	1.5607	2.8059	1.4821	0.847	0.9247	3.1977	1.00000
300	2.1040	2.1550	2.9882	1.7222	1.176	1.0236	3.2442	1.00000
400	2.3123	2.5633	3.1277	2.0770	1.625	1.2157	3.3549	1.00000
500	2.4724	2.9202	3.2673	2.3988	2.189	1.5282	3.7011	1.00000
600	2.5781	3.2011	3.3915	2.7593	2.875	1.9090	4.1056	1.00000
700	2.6649	3.4513	3.5154	2.9281	3.572	2.3811	4.6801	1.00000
800	2.7511	3.7074	3.6467	3.0722	4.450	3.0815	5.5409	1.00000
900	2.8158	3.9149	3.7645	3.2162	5.375	3.8163	6.4604	1.00000
1000	2.8748	4.1056	3.8775	3.2187	6.265	4.6634	7.5425	1.00000
1100	2.9297	4.2815	3.9861	3.1859	7.166	5.6028	8.8055	1.00000
1200	2.9807	4.4428	4.0896	3.1641	8.098	6.6049	10.2434	1.00000

S/R= 18.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.9439	0.4813	2.5205	1.4204	0.591	0.9415	3.3148	1.00000
200	1.6534	1.4890	2.8122	1.4666	0.847	0.9354	3.2446	1.00000
300	2.0354	2.0820	2.9921	1.6631	1.150	1.0136	3.2733	1.00000
400	2.2557	2.4907	3.1278	1.9575	1.549	1.1721	3.3557	1.00000
500	2.4237	2.8421	3.2593	2.2548	2.054	1.4304	3.6339	1.00000
600	2.5358	3.1224	3.3775	2.5981	2.674	1.7534	3.9751	1.00000
700	2.6275	3.3716	3.4940	2.7749	3.314	2.1623	4.4555	1.00000
800	2.7178	3.6274	3.6193	2.9446	4.126	2.7642	5.2024	1.00000
900	2.7845	3.8340	3.7324	3.1263	5.001	3.3986	6.0002	1.00000
1000	2.8447	4.0240	3.8411	3.1625	5.850	4.1377	6.9361	1.00000
1100	2.9001	4.1996	3.9459	3.1573	6.717	4.9674	8.0261	1.00000
1200	2.9515	4.3613	4.0461	3.1363	7.596	5.8635	9.2662	1.00000
1300	2.9985	4.5081	4.1407	3.1240	8.494	6.7940	10.6348	1.00000

S/R= 18.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.8596	0.4016	2.5239	1.4166	0.594	0.9517	3.3413	1.00000
200	1.5750	1.4151	2.8176	1.4540	0.848	0.9451	3.2849	1.00000
300	1.9644	2.0081	2.9958	1.6143	1.129	1.0069	3.3014	1.00000
400	2.1960	2.4177	3.1287	1.8582	1.487	1.1375	3.3623	1.00000
500	2.3715	2.7646	3.2534	2.1245	1.936	1.3497	3.5846	1.00000
600	2.4906	3.0435	3.3657	2.4414	2.493	1.6222	3.8682	1.00000
700	2.5873	3.2914	3.4754	2.6243	3.079	1.9734	4.2692	1.00000
800	2.6824	3.5468	3.5943	2.8076	3.825	2.4910	4.9113	1.00000
900	2.7516	3.7527	3.7027	3.0215	4.646	3.0358	5.6032	1.00000
1000	2.8132	3.9419	3.8071	3.0886	5.449	3.6765	6.4135	1.00000
1100	2.8695	4.1171	3.9080	3.1106	6.278	4.4047	7.3558	1.00000
1200	2.9215	4.2789	4.0049	3.1100	7.125	5.2011	8.4275	1.00000
1300	2.9691	4.4269	4.0967	3.1065	7.985	6.0379	9.6114	1.00000

S/R= 18.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.7745	0.3204	2.5267	1.4136	0.596	0.9601	3.3626	1.00000
200	1.4951	1.3391	2.8220	1.4441	0.849	0.9535	3.3191	1.00000
300	1.8911	1.9329	2.9992	1.5746	1.113	1.0025	3.3274	1.00000
400	2.1332	2.3438	3.1298	1.7764	1.435	1.1087	3.3711	1.00000
500	2.3158	2.6874	3.2492	2.0075	1.836	1.2836	3.5502	1.00000
600	2.4424	2.9645	3.3559	2.2946	2.334	1.5126	3.7819	1.00000
700	2.5439	3.2108	3.4600	2.4784	2.865	1.8087	4.1198	1.00000
800	2.6447	3.4659	3.5717	2.6636	3.546	2.2572	4.6625	1.00000
900	2.7167	3.6709	3.6753	2.9051	4.315	2.7227	5.2614	1.00000
1000	2.7801	3.8594	3.7755	2.9993	5.068	3.2747	5.9631	1.00000
1100	2.8377	4.0340	3.8726	3.0471	5.854	3.9094	6.7789	1.00000
1200	2.8906	4.1959	3.9660	3.0674	6.663	4.6126	7.7065	1.00000
1300	2.9390	4.3446	4.0551	3.0758	7.487	5.3607	8.7325	1.00000
1400	2.9832	4.4807	4.1396	3.0784	8.318	6.1393	9.8517	1.00000

S/R= 18.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.6891	0.2379	2.5288	1.4117	0.597	0.9665	3.3787	1.00000
200	1.4140	1.2613	2.8258	1.4366	0.850	0.9609	3.3479	1.00000
300	1.8158	1.8565	3.0024	1.5422	1.100	1.0000	3.3515	1.00000

S/R= 18.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	2.0676	2.2692	3.1313	1.7077	1.393	1.0861	3.3826	1.00000
500	2.2571	2.6101	3.2463	1.9060	1.751	1.2303	3.5267	1.00000
600	2.3909	2.8855	3.3480	2.1607	2.195	1.4215	3.7141	1.00000
700	2.4977	3.1300	3.4467	2.3376	2.673	1.6697	3.9962	1.00000
800	2.6044	3.3846	3.5516	2.5218	3.295	2.0576	4.4517	1.00000
900	2.6796	3.5888	3.6505	2.7804	4.007	2.4543	4.9683	1.00000
1000	2.7454	3.7764	3.7463	2.8970	4.709	2.9269	5.5755	1.00000
1100	2.8045	3.9505	3.8395	2.9687	5.448	3.4762	6.2820	1.00000
1200	2.8585	4.1122	3.9296	3.0094	6.217	4.0929	7.0859	1.00000
1300	2.9078	4.2614	4.0157	3.0333	7.004	4.7572	7.9763	1.00000
1400	2.9530	4.3988	4.0980	3.0523	7.809	5.4568	8.9500	1.00000
1500	2.9938	4.5238	4.1755	3.0629	8.611	6.1722	9.9873	1.00000

S/R= 18.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.6034	0.1546	2.5305	1.4103	0.599	0.9719	3.3923	1.00000
200	1.3319	1.1820	2.8289	1.4305	0.851	0.9672	3.3721	1.00000
300	1.7388	1.7788	3.0051	1.5158	1.090	0.9983	3.3727	1.00000
400	1.9993	2.1937	3.1330	1.6511	1.358	1.0684	3.3956	1.00000
500	2.1953	2.5325	3.2445	1.8220	1.682	1.1875	3.5116	1.00000
600	2.3359	2.8070	3.3421	2.0406	2.076	1.3455	3.6636	1.00000
700	2.4484	3.0490	3.4356	2.2027	2.503	1.5533	3.8951	1.00000
800	2.5610	3.3028	3.5347	2.3844	3.064	1.8817	4.2819	1.00000
900	2.6402	3.5063	3.6280	2.6443	3.721	2.2252	4.7183	1.00000
1000	2.7086	3.6932	3.7196	2.7847	4.374	2.6278	5.2427	1.00000
1100	2.7696	3.8665	3.8089	2.8773	5.065	3.1000	5.8545	1.00000
1200	2.8250	4.0280	3.8955	2.9376	5.790	3.6367	6.5516	1.00000
1300	2.8754	4.1775	3.9788	2.9771	6.537	4.2227	7.3251	1.00000
1400	2.9217	4.3158	4.0585	3.0070	7.305	4.8473	8.1731	1.00000
1500	2.9636	4.4425	4.1342	3.0220	8.069	5.4929	9.0795	1.00000

S/R= 19.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.5178	0.0713	2.5322	1.4089	0.600	0.9771	3.4060	1.00000
200	1.2490	1.1015	2.8315	1.4254	0.851	0.9726	3.3925	1.00000
300	1.6603	1.6999	3.0075	1.4946	1.081	0.9974	3.3915	1.00000
400	1.9284	2.1170	3.1346	1.6047	1.330	1.0542	3.4082	1.00000
500	2.1306	2.4545	3.2432	1.7500	1.623	1.1514	3.5012	1.00000
600	2.2778	2.7284	3.3375	1.9346	1.974	1.2834	3.6256	1.00000
700	2.3961	2.9681	3.4264	2.0790	2.354	1.4566	3.8137	1.00000
800	2.5147	3.2208	3.5202	2.2530	2.857	1.7321	4.1414	1.00000
900	2.5982	3.4236	3.6082	2.5085	3.462	2.0301	4.5073	1.00000
1000	2.6697	3.6097	3.6953	2.6647	4.066	2.3722	4.9581	1.00000
1100	2.7328	3.7823	3.7807	2.7752	4.707	2.7754	5.4871	1.00000
1200	2.7899	3.9432	3.8639	2.8533	5.385	3.2301	6.0915	1.00000
1300	2.8417	4.0928	3.9441	2.9082	6.091	3.7522	6.7638	1.00000
1400	2.8891	4.2319	4.0214	2.9497	6.819	4.3058	7.5030	1.00000
1500	2.9322	4.3599	4.0949	2.9882	7.567	4.8848	8.2955	1.00000
1600	2.9711	4.4770	4.1645	3.0087	8.303	5.4763	9.1288	1.00000

S/R= 19.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.4321	-0.0123	2.5339	1.4075	0.601	0.9816	3.4192	1.00000
200	1.1657	1.0204	2.8338	1.4213	0.852	0.9772	3.4098	1.00000
300	1.5806	1.6200	3.0096	1.4777	1.075	0.9971	3.4080	1.00000
400	1.8553	2.0394	3.1362	1.5666	1.307	1.0431	3.4207	1.00000
500	2.0631	2.3759	3.2425	1.6885	1.574	1.1225	3.4956	1.00000
600	2.2167	2.6495	3.3342	1.8475	1.890	1.2329	3.5977	1.00000
700	2.3401	2.8878	3.4193	1.9672	2.226	1.3756	3.7512	1.00000
800	2.4654	-3.1387	3.5079	2.1267	2.673	1.6066	4.0253	1.00000
900	2.5530	-3.3405	3.5914	2.3766	3.224	1.8578	4.3370	1.00000
1000	2.6283	3.5259	3.6736	2.5338	3.779	2.1548	4.7160	1.00000
1100	2.6940	3.6977	3.7551	2.6649	4.375	2.4972	5.1723	1.00000
1200	2.7530	3.8581	3.8347	2.7586	5.006	2.8949	5.6958	1.00000
1300	2.8063	4.0076	3.9119	2.8281	5.667	3.3406	6.2800	1.00000
1400	2.8551	4.1471	3.9865	2.8810	6.354	3.8278	6.9244	1.00000
1500	2.8996	4.2762	4.0579	2.9278	7.063	4.3435	7.6179	1.00000
1600	2.9398	4.3950	4.1258	2.9736	7.789	4.8759	8.3497	1.00000
1700	2.9760	4.5036	4.1900	2.9979	8.496	5.4168	9.1109	1.00000

S/R= 19.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.3462	-0.0966	2.5356	1.4065	0.602	0.9849	3.4322	1.00000
200	1.0823	0.9387	2.8356	1.4180	0.853	0.9813	3.4247	1.00000
300	1.4997	1.5391	3.0114	1.4642	1.070	0.9970	3.4223	1.00000
400	1.7803	1.9607	3.1377	1.5356	1.289	1.0346	3.4326	1.00000
500	1.9931	2.2968	3.2422	1.6371	1.534	1.0994	3.4935	1.00000
600	2.1525	2.5701	3.3316	1.7724	1.820	1.1905	3.5763	1.00000
700	2.2811	2.8073	3.4136	1.8673	2.115	1.3092	3.7025	1.00000
800	2.4131	3.0566	3.4975	2.0104	2.513	1.5020	3.9305	1.00000
900	2.5050	3.2573	3.5770	2.2526	3.013	1.7124	4.1953	1.00000
1000	2.5841	3.4420	3.6546	2.4047	3.518	1.9678	4.5145	1.00000
1100	2.6529	3.6130	3.7319	2.5458	4.068	2.2601	4.9038	1.00000
1200	2.7141	3.7727	3.8080	2.6554	4.653	2.5988	5.3562	1.00000
1300	2.7692	3.9219	3.8821	2.7382	5.269	2.9830	5.8634	1.00000
1400	2.8196	4.0616	3.9540	2.8026	5.914	3.4085	6.4250	1.00000
1500	2.8654	4.1915	4.0232	2.8577	6.582	3.8644	7.0318	1.00000
1600	2.9070	4.3116	4.0892	2.9086	7.268	4.3405	7.6746	1.00000
1700	2.9447	4.4221	4.1519	2.9607	7.972	4.8288	8.3459	1.00000
1800	2.9787	4.5237	4.2115	2.9895	8.656	5.3243	9.0412	1.00000

S/R= 19.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.2602	-0.1814	2.5372	1.4058	0.602	0.9873	3.4448	1.00000
200	0.9983	0.8562	2.8372	1.4156	0.854	0.9847	3.4370	1.00000
300	1.4179	1.4574	3.0130	1.4532	1.066	0.9973	3.4346	1.00000
400	1.7034	1.8809	3.1390	1.5103	1.274	1.0277	3.4433	1.00000
500	1.9208	2.2169	3.2422	1.5944	1.501	1.0803	3.4930	1.00000
600	2.0856	2.4903	3.3297	1.7081	1.760	1.1556	3.5606	1.00000
700	2.2192	2.7267	3.4092	1.7836	2.024	1.2550	3.6650	1.00000
800	2.3373	2.9749	3.4892	1.9054	2.374	1.4144	3.8556	1.00000
900	2.4540	3.1741	3.5647	2.1322	2.825	1.5907	4.0781	1.00000
1000	2.5369	3.3578	3.6385	2.2801	3.281	1.8054	4.3500	1.00000
1100	2.6093	3.5281	3.7113	2.4201	3.786	2.0589	4.6764	1.00000
1200	2.6730	3.6871	3.7838	2.5458	4.329	2.3458	5.0658	1.00000

S/R= 19.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	2.7301	3.8358	3.8547	2.6401	4.899	2.6745	5.5053	1.00000
1400	2.7822	3.9754	3.9239	2.7153	5.500	3.0430	5.9943	1.00000
1500	2.8296	4.1059	3.9907	2.7791	6.126	3.4430	6.5248	1.00000
1600	2.8727	4.2270	4.0547	2.8358	6.772	3.8656	7.0892	1.00000
1700	2.9119	4.3391	4.1159	2.8907	7.437	4.3036	7.6813	1.00000
1800	2.9473	4.4427	4.1742	2.9484	8.121	4.7521	8.2970	1.00000
1900	2.9793	4.5379	4.2295	2.9797	8.777	5.2041	8.9274	1.00000

S/R= 19.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.1741	-0.2666	2.5386	1.4056	0.603	0.9892	3.4562	1.00000
200	0.9132	0.7723	2.8384	1.4136	0.854	0.9874	3.4466	1.00000
300	1.3352	1.3749	3.0143	1.4441	1.063	0.9976	3.4451	1.00000
400	1.6251	1.8003	3.1403	1.4898	1.262	1.0223	3.4530	1.00000
500	1.8463	2.1364	3.2423	1.5588	1.473	1.0652	3.4940	1.00000
600	2.0161	2.4099	3.3283	1.6540	1.710	1.1272	3.5496	1.00000
700	2.1543	2.6457	3.4056	1.7123	1.947	1.2095	3.6352	1.00000
800	2.2984	2.8933	3.4825	1.8119	2.255	1.3419	3.7965	1.00000
900	2.4000	3.0909	3.5544	2.0188	2.660	1.4895	3.9823	1.00000
1000	2.4868	3.2737	3.6246	2.1662	3.075	1.6688	4.2133	1.00000
1100	2.5626	3.4431	3.6937	2.2976	3.528	1.8836	4.4907	1.00000
1200	2.6294	3.6013	3.7621	2.4257	4.027	2.1308	4.8191	1.00000
1300	2.6889	3.7494	3.8298	2.5357	4.558	2.4102	5.1985	1.00000
1400	2.7429	3.8889	3.8961	2.6206	5.115	2.7268	5.6234	1.00000
1500	2.7920	4.0195	3.9605	2.6927	5.699	3.0748	6.0867	1.00000
1600	2.8366	4.1414	4.0225	2.7557	6.304	3.4470	6.5819	1.00000
1700	2.8773	4.2548	4.0819	2.8143	6.929	3.8371	7.1037	1.00000
1800	2.9144	4.3602	4.1389	2.8731	7.573	4.2404	7.6488	1.00000
1900	2.9479	4.4574	4.1930	2.9246	8.220	4.6503	8.2091	1.00000
2000	2.9799	4.5517	4.2472	2.9456	8.861	5.0969	8.8351	1.00000

S/R= 20.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.0879	-0.3520	2.5398	1.4054	0.603	0.9909	3.4657	1.00000
200	0.8276	0.6877	2.8394	1.4120	0.855	0.9896	3.4544	1.00000
300	1.2519	1.2916	3.0154	1.4365	1.060	0.9979	3.4539	1.00000
400	1.5454	1.7188	3.1413	1.4732	1.253	1.0181	3.4616	1.00000
500	1.7701	2.0551	3.2425	1.5296	1.451	1.0531	3.4960	1.00000
600	1.9442	2.3289	3.3274	1.6085	1.669	1.1038	3.5416	1.00000
700	2.0866	2.5643	3.4029	1.6510	1.882	1.1717	3.6120	1.00000
800	2.2366	2.8116	3.4771	1.7349	2.157	1.2825	3.7499	1.00000
900	2.3425	3.0082	3.5460	1.9163	2.517	1.4043	3.9065	1.00000
1000	2.4138	3.1895	3.6128	2.0517	2.888	1.5549	4.1004	1.00000
1100	2.5130	3.3580	3.6786	2.1827	3.300	1.7346	4.3369	1.00000
1200	2.5932	3.5155	3.7432	2.3053	3.753	1.9467	4.6136	1.00000
1300	2.6653	3.6629	3.8074	2.4236	4.243	2.1860	4.9371	1.00000
1400	2.7014	3.8020	3.8708	2.5199	4.759	2.4550	5.3050	1.00000
1500	2.7523	3.9327	3.9326	2.6000	5.301	2.7553	5.7087	1.00000
1600	2.7987	4.0551	3.9925	2.6693	5.865	3.0805	6.1426	1.00000
1700	2.8410	4.1694	4.0501	2.7319	6.450	3.4252	6.6020	1.00000
1800	2.8796	4.2762	4.1056	2.7927	7.054	3.7853	7.0841	1.00000
1900	2.9147	4.3752	4.1585	2.8443	7.662	4.1546	7.5819	1.00000
2000	2.9484	4.4718	4.2117	2.9077	8.327	4.5598	8.1404	1.00000

S/R= 20.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	2.9771	4.5565	4.2598	2.9582	8.957	4.9391	8.6610	1.00000

S/R= 20.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	0.0015	-0.4377	2.5407	1.4052	0.604	0.9923	3.4728	1.00000
200	0.7421	0.6030	2.8402	1.4107	0.855	0.9915	3.4610	1.00000
300	1.1680	1.2079	3.0164	1.4305	1.058	0.9982	3.4614	1.00000
400	1.4646	1.6365	3.1423	1.4597	1.245	1.0147	3.4690	1.00000
500	1.6922	1.9732	3.2428	1.5057	1.433	1.0432	3.4983	1.00000
600	1.8702	2.2473	3.3267	1.5706	1.635	1.0848	3.5361	1.00000
700	2.0165	2.4825	3.4007	1.5988	1.827	1.1409	3.5945	1.00000
800	2.1719	2.7296	3.4728	1.6683	2.075	1.2331	3.7127	1.00000
900	2.2821	2.9255	3.5392	1.8275	2.395	1.3341	3.8458	1.00000
1000	2.3777	3.1057	3.6030	1.9464	2.726	1.4597	4.0088	1.00000
1100	2.4606	3.2731	3.6656	2.0741	3.099	1.6100	4.2094	1.00000
1200	2.5339	3.4297	3.7271	2.1897	3.505	1.7879	4.4457	1.00000
1300	2.5991	3.5764	3.7875	2.3054	3.953	1.9939	4.7162	1.00000
1400	2.6576	3.7149	3.8480	2.4145	4.433	2.2229	5.0330	1.00000
1500	2.7106	3.8454	3.9072	2.5018	4.933	2.4800	5.3836	1.00000
1600	2.7588	3.9680	3.9648	2.5773	5.457	2.7617	5.7628	1.00000
1700	2.8028	4.0831	4.0205	2.6445	6.002	3.0639	6.1667	1.00000
1800	2.8430	4.1909	4.0743	2.7078	6.566	3.3829	6.5926	1.00000
1900	2.8797	4.2915	4.1260	2.7600	7.136	3.7133	7.0343	1.00000
2000	2.9152	4.3900	4.1780	2.8226	7.759	4.0786	7.5326	1.00000
2100	2.9454	4.4768	4.2252	2.9043	8.399	4.4235	7.9981	1.00000
2200	2.9728	4.5572	4.2703	2.9736	9.033	4.7696	8.4700	1.00000
2300	2.9975	4.6318	4.3133	3.0108	9.625	5.1160	8.9450	1.00000

S/R= 20.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.0850	-0.5238	2.5411	1.4051	0.604	0.9933	3.4758	1.00000
200	0.6565	0.5182	2.8409	1.4098	0.856	0.9932	3.4666	1.00000
300	1.0836	1.1237	3.0172	1.4257	1.057	0.9986	3.4678	1.00000
400	1.3829	1.5536	3.1431	1.4488	1.238	1.0120	3.4755	1.00000
500	1.6130	1.8906	3.2431	1.4861	1.418	1.0354	3.5008	1.00000
600	1.7943	2.1652	3.3262	1.5390	1.607	1.0694	3.5326	1.00000
700	1.9441	2.4002	3.3991	1.5549	1.782	1.1154	3.5808	1.00000
800	2.1043	2.6472	3.4693	1.6111	2.004	1.1915	3.6828	1.00000
900	2.2187	2.8427	3.5337	1.7527	2.295	1.2766	3.7974	1.00000
1000	2.3182	3.0222	3.5950	1.8522	2.585	1.3800	3.9355	1.00000
1100	2.4053	3.1883	3.6547	1.9680	2.920	1.5064	4.1045	1.00000
1200	2.4818	3.3440	3.7133	2.0860	3.291	1.6547	4.3060	1.00000
1300	2.5499	3.4900	3.7707	2.1911	3.690	1.8279	4.5373	1.00000
1400	2.6113	3.6278	3.8276	2.2987	4.129	2.0257	4.8023	1.00000
1500	2.6665	3.7579	3.8841	2.3995	4.596	2.2443	5.1053	1.00000
1600	2.7166	3.8805	3.9394	2.4807	5.080	2.4864	5.4356	1.00000
1700	2.7624	3.9959	3.9931	2.5524	5.585	2.7491	5.7897	1.00000
1800	2.8044	4.1046	4.0452	2.6189	6.111	3.0295	6.1653	1.00000
1900	2.8428	4.2064	4.0954	2.6725	6.642	3.3228	6.5567	1.00000
2000	2.8800	4.3066	4.1462	2.7348	7.225	3.6499	7.0008	1.00000
2100	2.9119	4.3953	4.1924	2.8152	7.826	3.9614	7.4167	1.00000
2200	2.9408	4.4778	4.2367	2.8816	8.420	4.2763	7.8399	1.00000
2300	2.9671	4.5546	4.2791	2.9511	9.029	4.5933	8.2670	1.00000

S/R= 20.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	2.9910	4.6258	4.3195	2.9889	9.596	4.9093	8.6956	1.00000

S/R= 20.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.1717	-0.6102	2.5412	1.4051	0.604	0.9942	3.4772	1.00000
200	0.5706	0.4328	2.8415	1.4090	0.856	0.9945	3.4713	1.00000
300	0.9988	1.0390	3.0179	1.4217	1.055	0.9989	3.4732	1.00000
400	1.3001	1.4700	3.1438	1.4399	1.233	1.0098	3.4811	1.00000
500	1.5325	1.8074	3.2434	1.4701	1.406	1.0290	3.5031	1.00000
600	1.7167	2.0825	3.3259	1.5132	1.584	1.0568	3.5301	1.00000
700	1.8695	2.3175	3.3978	1.5180	1.744	1.0945	3.5703	1.00000
800	2.0343	2.5646	3.4665	1.5625	1.945	1.1575	3.6594	1.00000
900	2.1525	2.7597	3.5292	1.6878	2.209	1.2280	3.7580	1.00000
1000	2.2559	2.9386	3.5884	1.7738	2.469	1.3145	3.8766	1.00000
1100	2.3466	3.1039	3.6456	1.8717	2.764	1.4190	4.0200	1.00000
1200	2.4268	3.2585	3.7014	1.9808	3.098	1.5437	4.1905	1.00000
1300	2.4980	3.4037	3.7562	2.0876	3.462	1.6884	4.3881	1.00000
1400	2.5621	3.5408	3.8102	2.1859	3.854	1.8559	4.6136	1.00000
1500	2.6199	3.6702	3.8635	2.2878	4.283	2.0438	4.8688	1.00000
1600	2.6721	3.7926	3.9163	2.3804	4.734	2.2501	5.1549	1.00000
1700	2.7199	3.9083	3.9680	2.4566	5.201	2.4766	5.4642	1.00000
1800	2.7637	4.0175	4.0183	2.5263	5.688	2.7209	5.7944	1.00000
1900	2.8038	4.1202	4.0670	2.5817	6.182	2.9793	6.1405	1.00000
2000	2.8428	4.2216	4.1163	2.6448	6.725	3.2700	6.5359	1.00000
2100	2.8763	4.3120	4.1615	2.7246	7.288	3.5495	6.9070	1.00000
2200	2.9069	4.3964	4.2049	2.7890	7.843	3.8342	7.2862	1.00000
2300	2.9348	4.4752	4.2465	2.8556	8.415	4.1225	7.6699	1.00000
2400	2.9602	4.5486	4.2863	2.9246	8.999	4.4117	8.0562	1.00000
2500	2.9833	4.6170	4.3245	2.9609	9.539	4.7005	8.4442	1.00000

S/R= 20.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.2583	-0.6965	2.5414	1.4052	0.605	0.9950	3.4788	1.00000
200	0.4842	0.3469	2.8420	1.4082	0.856	0.9955	3.4750	1.00000
300	0.9137	0.9540	3.0184	1.4183	1.054	0.9991	3.4777	1.00000
400	1.2168	1.3859	3.1444	1.4326	1.229	1.0081	3.4857	1.00000
500	1.4510	1.7237	3.2437	1.4571	1.397	1.0237	3.5053	1.00000
600	1.6377	1.9993	3.3258	1.4921	1.565	1.0467	3.5286	1.00000
700	1.7931	2.2343	3.3969	1.4872	1.713	1.0775	3.5625	1.00000
800	1.9620	2.4815	3.4643	1.5215	1.896	1.1293	3.6408	1.00000
900	2.0837	2.6763	3.5255	1.6320	2.136	1.1876	3.7263	1.00000
1000	2.1908	2.8550	3.5831	1.7056	2.371	1.2605	3.8291	1.00000
1100	2.2850	3.0196	3.6382	1.7893	2.633	1.3467	3.9518	1.00000
1200	2.3687	3.1733	3.6916	1.8836	2.928	1.4507	4.0964	1.00000
1300	2.4432	3.3176	3.7438	1.9865	3.258	1.5720	4.2645	1.00000
1400	2.5100	3.4540	3.7952	2.0829	3.613	1.7121	4.4574	1.00000
1500	2.5705	3.5828	3.8457	2.1765	3.998	1.8719	4.6735	1.00000
1600	2.6252	3.7047	3.8957	2.2724	4.413	2.0488	4.9158	1.00000
1700	2.6750	3.8202	3.9452	2.3578	4.848	2.2424	5.1845	1.00000
1800	2.7207	3.9298	3.9936	2.4306	5.298	2.4536	5.4738	1.00000
1900	2.7626	4.0331	4.0406	2.4882	5.755	2.6793	5.7790	1.00000
2000	2.8035	4.1358	4.0885	2.5525	6.260	2.9356	6.1303	1.00000
2100	2.8397	4.2273	4.1325	2.6326	6.785	3.1845	6.4608	1.00000

S/R= 20.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	2.8709	4.3133	4.1749	2.6957	7.304	3.4400	6.8001	1.00000
2300	2.9004	4.3939	4.2157	2.7602	7.838	3.7007	7.1444	1.00000
2400	2.9274	4.4692	4.2548	2.8262	8.385	3.9638	7.4922	1.00000
2500	2.9520	4.5397	4.2924	2.8936	8.943	4.2279	7.8425	1.00000
2600	2.9745	4.6055	4.3284	2.9627	9.512	4.4916	8.1925	1.00000
2700	2.9950	4.6672	4.3630	2.9988	10.034	4.7550	8.5432	1.00000

S/R= 21.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.3449	-0.7827	2.5417	1.4052	0.605	0.9959	3.4808	1.00000
200	0.3977	0.2608	2.8424	1.4076	0.856	0.9963	3.4780	1.00000
300	0.8284	0.8687	3.0189	1.4155	1.053	0.9993	3.4814	1.00000
400	1.1328	1.3013	3.1448	1.4268	1.226	1.0067	3.4895	1.00000
500	1.3686	1.6396	3.2439	1.4464	1.389	1.0195	3.5073	1.00000
600	1.5575	1.9155	3.3256	1.4747	1.550	1.0383	3.5276	1.00000
700	1.7152	2.1507	3.3961	1.4617	1.687	1.0636	3.5564	1.00000
800	1.8876	2.3981	3.4625	1.4870	1.855	1.1060	3.6260	1.00000
900	2.0125	2.5928	3.5226	1.5847	2.075	1.1545	3.7011	1.00000
1000	2.1229	2.7711	3.5786	1.6466	2.287	1.2146	3.7898	1.00000
1100	2.2206	2.9354	3.6321	1.7189	2.523	1.2874	3.8967	1.00000
1200	2.3075	3.0884	3.6834	1.7983	2.784	1.3730	4.0203	1.00000
1300	2.3854	3.2318	3.7333	1.8893	3.078	1.4749	4.1630	1.00000
1400	2.4552	3.3674	3.7824	1.9858	3.402	1.5919	4.3276	1.00000
1500	2.5183	3.4956	3.8305	2.0743	3.747	1.7258	4.5128	1.00000
1600	2.5755	3.6169	3.8778	2.1625	4.121	1.8767	4.7174	1.00000
1700	2.6276	3.7320	3.9247	2.2522	4.522	2.0425	4.9460	1.00000
1800	2.6753	3.8416	3.9711	2.3327	4.941	2.2235	5.1980	1.00000
1900	2.7190	3.9454	4.0164	2.3925	5.362	2.4189	5.4659	1.00000
2000	2.7619	4.0488	4.0627	2.4583	5.829	2.6432	5.7772	1.00000
2100	2.7988	4.1414	4.1055	2.5390	6.318	2.8631	6.0708	1.00000
2200	2.8327	4.2287	4.1468	2.6017	6.801	3.0907	6.3738	1.00000
2300	2.8639	4.3108	4.1867	2.6648	7.300	3.3247	6.6823	1.00000
2400	2.8925	4.3879	4.2250	2.7285	7.811	3.5625	6.9950	1.00000
2500	2.9186	4.4602	4.2619	2.7930	8.333	3.8026	7.3110	1.00000
2600	2.9426	4.5280	4.2973	2.8586	8.865	4.0437	7.6273	1.00000
2700	2.9646	4.5917	4.3315	2.9250	9.408	4.2855	7.9450	1.00000
2800	2.9848	4.6515	4.3644	2.9604	9.906	4.5272	8.2642	1.00000

S/R= 21.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.4315	-0.8690	2.5419	1.4054	0.605	0.9968	3.4828	1.00000
200	0.3107	0.1741	2.8426	1.4071	0.857	0.9969	3.4802	1.00000
300	0.7427	0.7832	3.0193	1.4131	1.053	0.9994	3.4845	1.00000
400	1.0483	1.2163	3.1452	1.4219	1.223	1.0055	3.4925	1.00000
500	1.2855	1.5550	3.2442	1.4375	1.382	1.0160	3.5091	1.00000
600	1.4761	1.8313	3.3256	1.4607	1.537	1.0315	3.5269	1.00000
700	1.6358	2.0667	3.3955	1.4409	1.666	1.0523	3.5518	1.00000
800	1.8113	2.3142	3.4612	1.4581	1.821	1.0871	3.6146	1.00000
900	1.9391	2.5088	3.5202	1.5445	2.024	1.1269	3.6807	1.00000
1000	2.0526	2.6870	3.5750	1.5964	2.216	1.1768	3.7584	1.00000
1100	2.1534	2.8510	3.6270	1.6578	2.429	1.2374	3.8513	1.00000
1200	2.2436	3.0036	3.6767	1.7268	2.663	1.3091	3.9586	1.00000
1300	2.3244	3.1463	3.7247	1.8022	2.921	1.3931	4.0807	1.00000

S/R= 21.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	2.3375	3.2810	3.7715	1.8894	3.212	1.4919	4.2206	1.00000
1500	2.4633	3.4086	3.8175	1.9805	3.530	1.6036	4.3790	1.00000
1600	2.5229	3.5294	3.8626	2.0616	3.863	1.7302	4.5545	1.00000
1700	2.5774	3.6440	3.9069	2.1437	4.223	1.8717	4.7474	1.00000
1800	2.6273	3.7532	3.9510	2.2288	4.611	2.0268	4.9623	1.00000
1900	2.6731	3.8572	3.9944	2.2952	5.003	2.1947	5.1962	1.00000
2000	2.7179	3.9611	4.0391	2.3625	5.433	2.3891	5.4711	1.00000
2100	2.7566	4.0545	4.0805	2.4443	5.887	2.5818	5.7310	1.00000
2200	2.7923	4.1428	4.1206	2.5069	6.335	2.7831	6.0008	1.00000
2300	2.8251	4.2262	4.1595	2.5692	6.799	2.9916	6.2767	1.00000
2400	2.8553	4.3048	4.1969	2.6314	7.275	3.2050	6.5573	1.00000
2500	2.8831	4.3788	4.2331	2.6937	7.763	3.4219	6.8419	1.00000
2600	2.9086	4.4483	4.2679	2.7564	8.260	3.6409	7.1275	1.00000
2700	2.9321	4.5138	4.3015	2.8198	8.768	3.8617	7.4149	1.00000
2800	2.9537	4.5756	4.3339	2.8843	9.286	4.0834	7.7045	1.00000
2900	2.9736	4.6336	4.3651	2.9486	9.811	4.3047	7.9932	1.00000
3000	2.9920	4.6885	4.3953	2.9821	10.290	4.5259	8.2823	1.00000

S/R= 21.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.5181	-0.9553	2.5421	1.4052	0.605	0.9976	3.4846	1.00000
200	0.2243	0.0879	2.8429	1.4066	0.857	0.9974	3.4822	1.00000
300	0.6568	0.6974	3.0196	1.4114	1.052	0.9996	3.4870	1.00000
400	0.9633	1.1310	3.1455	1.4179	1.221	1.0046	3.4950	1.00000
500	1.2017	1.4700	3.2443	1.4302	1.376	1.0132	3.5104	1.00000
600	1.3939	1.7467	3.3255	1.4490	1.527	1.0259	3.5266	1.00000
700	1.5553	1.9822	3.3951	1.4237	1.649	1.0430	3.5482	1.00000
800	1.7334	2.2301	3.4601	1.4343	1.793	1.0716	3.6055	1.00000
900	1.8637	2.4246	3.5182	1.5107	1.981	1.1042	3.6644	1.00000
1000	1.9800	2.6026	3.5721	1.5536	2.157	1.1456	3.7331	1.00000
1100	2.0837	2.7664	3.6228	1.6052	2.350	1.1956	3.8143	1.00000
1200	2.1769	2.9187	3.6712	1.6641	2.561	1.2559	3.9082	1.00000
1300	2.2607	3.0610	3.7175	1.7304	2.793	1.3257	4.0138	1.00000
1400	2.3366	3.1951	3.7625	1.8022	3.047	1.4074	4.1336	1.00000
1500	2.4054	3.3218	3.8064	1.8854	3.333	1.5019	4.2684	1.00000
1600	2.4676	3.4420	3.8494	1.9699	3.640	1.6074	4.4188	1.00000
1700	2.5244	3.5562	3.8917	2.0445	3.961	1.7264	4.5844	1.00000
1800	2.5767	3.6650	3.9334	2.1217	4.309	1.8588	4.7661	1.00000
1900	2.6246	3.7687	3.9747	2.1923	4.671	2.0027	4.9656	1.00000
2000	2.6715	3.8729	4.0176	2.2656	5.071	2.1700	5.2070	1.00000
2100	2.7121	3.9669	4.0575	2.3485	5.490	2.3374	5.4361	1.00000
2200	2.7495	4.0560	4.0964	2.4116	5.906	2.5138	5.6755	1.00000
2300	2.7840	4.1405	4.1341	2.4735	6.336	2.6982	5.9213	1.00000
2400	2.8159	4.2203	4.1707	2.5348	6.778	2.8883	6.1726	1.00000
2500	2.8452	4.2956	4.2061	2.5954	7.232	3.0829	6.4285	1.00000
2600	2.8723	4.3667	4.2401	2.6560	7.697	3.2805	6.6860	1.00000
2700	2.8973	4.4339	4.2731	2.7166	8.171	3.4809	6.9456	1.00000
2800	2.9204	4.4974	4.3050	2.7779	8.655	3.6831	7.2080	1.00000
2900	2.9417	4.5572	4.3357	2.8395	9.147	3.8858	7.4700	1.00000
3000	2.9614	4.6139	4.3654	2.9021	9.649	4.0892	7.7326	1.00000
3100	2.9797	4.6674	4.3942	2.9654	10.158	4.2923	7.9960	1.00000
3200	2.9965	4.7180	4.4220	2.9980	10.619	4.4946	8.2582	1.00000

S/R= 21.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.6048	-1.0418	2.5423	1.4038	0.605	0.9983	3.4860	1.00000
200	0.1402	0.0040	2.8432	1.4062	0.857	0.9978	3.4848	1.00000
300	0.5708	0.6114	3.0198	1.4113	1.052	0.9997	3.4891	1.00000
400	0.8781	1.0454	3.1458	1.4145	1.219	1.0038	3.4971	1.00000
500	1.1173	1.3844	3.2444	1.4241	1.372	1.0105	3.5111	1.00000
600	1.3109	1.6618	3.3255	1.4396	1.519	1.0213	3.5263	1.00000
700	1.4737	1.8974	3.3947	1.4098	1.635	1.0353	3.5452	1.00000
800	1.6541	2.1456	3.4592	1.4148	1.770	1.0589	3.5983	1.00000
900	1.7866	2.3401	3.5167	1.4823	1.946	1.0857	3.6515	1.00000
1000	1.9053	2.5180	3.5697	1.5173	2.108	1.1196	3.7124	1.00000
1100	2.0116	2.6816	3.6194	1.5605	2.283	1.1613	3.7846	1.00000
1200	2.1075	2.8336	3.6665	1.6100	2.473	1.2110	3.8665	1.00000
1300	2.1943	2.9757	3.7116	1.6669	2.683	1.2701	3.9593	1.00000
1400	2.2730	3.1093	3.7549	1.7300	2.911	1.3376	4.0626	1.00000
1500	2.3445	3.2355	3.7971	1.7988	3.161	1.4159	4.1782	1.00000
1600	2.4095	3.3549	3.8382	1.8769	3.438	1.5052	4.3064	1.00000
1700	2.4687	3.4686	3.8787	1.9547	3.734	1.6046	4.4485	1.00000
1800	2.5232	3.5771	3.9185	2.0246	4.044	1.7159	4.6047	1.00000
1900	2.5733	3.6804	3.9576	2.0868	4.366	1.8387	4.7738	1.00000
2000	2.6225	3.7844	3.9984	2.1630	4.735	1.9823	4.9811	1.00000
2100	2.6650	3.8787	4.0367	2.2521	5.128	2.1265	5.1816	1.00000
2200	2.7042	3.9684	4.0743	2.3158	5.511	2.2799	5.3930	1.00000
2300	2.7405	4.0537	4.1108	2.3776	5.909	2.4415	5.6112	1.00000
2400	2.7741	4.1345	4.1463	2.4384	6.319	2.6095	5.8354	1.00000
2500	2.8051	4.2111	4.1808	2.4979	6.741	2.7828	6.0649	1.00000
2600	2.8337	4.2835	4.2141	2.5569	7.173	2.9599	6.2965	1.00000
2700	2.8602	4.3521	4.2463	2.6155	7.615	3.1406	6.5307	1.00000
2800	2.8848	4.4171	4.2776	2.6743	8.068	3.3238	6.7680	1.00000
2900	2.9075	4.4786	4.3078	2.7333	8.528	3.5084	7.0055	1.00000
3000	2.9286	4.5369	4.3371	2.7929	8.997	3.6944	7.2439	1.00000
3100	2.9482	4.5922	4.3655	2.8529	9.474	3.8808	7.4835	1.00000
3200	2.9663	4.6445	4.3929	2.9123	9.956	4.0672	7.7222	1.00000
3300	2.9832	4.6942	4.4195	2.9721	10.445	4.2538	7.9618	1.00000
3400	2.9989	4.7414	4.4454	3.0032	10.888	4.4399	8.2022	1.00000

S/R= 21.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.6916	-1.1285	2.5424	1.4019	0.605	0.9985	3.4865	1.00000
200	0.0571	-0.0789	2.8436	1.4060	0.857	0.9982	3.4876	1.00000
300	0.4846	0.5253	3.0201	1.4120	1.052	0.9998	3.4909	1.00000
400	0.7925	0.9596	3.1460	1.4118	1.217	1.0032	3.4988	1.00000
500	1.0323	1.2984	3.2444	1.4192	1.368	1.0084	3.5114	1.00000
600	1.2272	1.5764	3.3254	1.4318	1.512	1.0175	3.5261	1.00000
700	1.3912	1.8123	3.3945	1.3983	1.623	1.0291	3.5429	1.00000
800	1.5736	2.0608	3.4585	1.3987	1.752	1.0485	3.5926	1.00000
900	1.7080	2.2554	3.5155	1.4587	1.917	1.0704	3.6411	1.00000
1000	1.8288	2.4332	3.5677	1.4867	2.066	1.0983	3.6959	1.00000
1100	1.9375	2.5966	3.6166	1.5224	2.227	1.1327	3.7601	1.00000
1200	2.0359	2.7484	3.6627	1.5641	2.400	1.1740	3.8328	1.00000
1300	2.1252	2.8902	3.7066	1.6118	2.589	1.2228	3.9139	1.00000
1400	2.2066	3.0236	3.7487	1.6664	2.794	1.2801	4.0048	1.00000
1500	2.2807	3.1493	3.7893	1.7269	3.018	1.3447	4.1044	1.00000
1600	2.3483	3.2682	3.8288	1.7916	3.261	1.4189	4.2143	1.00000
1700	2.4102	3.3813	3.8675	1.8640	3.529	1.5030	4.3357	1.00000

S/R= 21.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	2.4669	3.4893	3.9056	1.9367	3.814	1.5961	4.4700	1.00000
1900	2.5192	3.5924	3.9430	1.9920	4.101	1.6995	4.6157	1.00000
2000	2.5707	3.6961	3.9817	2.0591	4.429	1.8218	4.7932	1.00000
2100	2.6153	3.7903	4.0180	2.1497	4.793	1.9458	4.9639	1.00000
2200	2.6564	3.8803	4.0542	2.2198	5.151	2.0780	5.1492	1.00000
2300	2.6945	3.9661	4.0894	2.2818	5.518	2.2185	5.3419	1.00000
2400	2.7298	4.0477	4.1238	2.3422	5.897	2.3658	5.5411	1.00000
2500	2.7625	4.1253	4.1573	2.4012	6.288	2.5189	5.7461	1.00000
2600	2.7927	4.1988	4.1898	2.4590	6.689	2.6764	5.9538	1.00000
2700	2.8208	4.2687	4.2213	2.5160	7.101	2.8381	6.1646	1.00000
2800	2.8469	4.3351	4.2519	2.5731	7.522	3.0031	6.3789	1.00000
2900	2.8710	4.3980	4.2815	2.6295	7.951	3.1701	6.5937	1.00000
3000	2.8935	4.4579	4.3103	2.6866	8.389	3.3391	6.8099	1.00000
3100	2.9144	4.5147	4.3382	2.7441	8.835	3.5093	7.0276	1.00000
3200	2.9339	4.5686	4.3652	2.8007	9.287	3.6802	7.2447	1.00000
3300	2.9520	4.6199	4.3914	2.8575	9.746	3.8518	7.4631	1.00000
3400	2.9689	4.6687	4.4170	2.9136	10.209	4.0235	7.6823	1.00000
3500	2.9848	4.7154	4.4418	2.9699	10.680	4.1961	7.9020	1.00000
3600	2.9996	4.7598	4.4660	2.9995	11.106	4.3683	8.1227	1.00000

S/R= 22.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.7784	-1.2152	2.5424	1.4006	0.605	0.9986	3.4868	1.00000
200	-0.0270	-0.1628	2.8438	1.4057	0.857	0.9985	3.4898	1.00000
300	0.3984	0.4390	3.0202	1.4125	1.053	0.9999	3.4924	1.00000
400	0.7068	0.8736	3.1462	1.4100	1.216	1.0027	3.5004	1.00000
500	0.9469	1.2125	3.2445	1.4150	1.365	1.0069	3.5119	1.00000
600	1.1428	1.4906	3.3254	1.4249	1.506	1.0140	3.5254	1.00000
700	1.3080	1.7269	3.3942	1.3891	1.614	1.0239	3.5411	1.00000
800	1.4920	1.9757	3.4579	1.3856	1.736	1.0398	3.5879	1.00000
900	1.6280	2.1703	3.5145	1.4396	1.893	1.0580	3.6328	1.00000
1000	1.7508	2.3482	3.5662	1.4611	2.032	1.0809	3.6826	1.00000
1100	1.8615	2.5114	3.6143	1.4902	2.180	1.1091	3.7404	1.00000
1200	1.9621	2.6631	3.6596	1.5248	2.339	1.1434	3.8052	1.00000
1300	2.0538	2.8047	3.7024	1.5651	2.510	1.1838	3.8770	1.00000
1400	2.1376	2.9378	3.7435	1.6110	2.695	1.2312	3.9567	1.00000
1500	2.2143	3.0633	3.7829	1.6636	2.897	1.2860	4.0442	1.00000
1600	2.2843	3.1817	3.8210	1.7205	3.114	1.3472	4.1390	1.00000
1700	2.3486	3.2943	3.8581	1.7801	3.349	1.4172	4.2432	1.00000
1800	2.4079	3.4018	3.8946	1.8479	3.607	1.4961	4.3582	1.00000
1900	2.4623	3.5045	3.9304	1.9059	3.871	1.5826	4.4836	1.00000
2000	2.5161	3.6081	3.9674	1.9674	4.165	1.6857	4.6379	1.00000
2100	2.5627	3.7020	4.0020	2.0466	4.487	1.7913	4.7837	1.00000
2200	2.6059	3.7918	4.0362	2.1167	4.816	1.9050	4.9407	1.00000
2300	2.6459	3.8780	4.0701	2.1861	5.161	2.0261	5.1095	1.00000
2400	2.6829	3.9602	4.1033	2.2466	5.511	2.1541	5.2855	1.00000
2500	2.7173	4.0385	4.1358	2.3051	5.872	2.2882	5.4679	1.00000
2600	2.7492	4.1130	4.1673	2.3622	6.244	2.4273	5.6534	1.00000
2700	2.7789	4.1840	4.1980	2.4179	6.625	2.5709	5.8424	1.00000
2800	2.8065	4.2515	4.2279	2.4735	7.017	2.7183	6.0355	1.00000
2900	2.8322	4.3158	4.2568	2.5283	7.416	2.8684	6.2294	1.00000
3000	2.8561	4.3769	4.2850	2.5832	7.825	3.0211	6.4250	1.00000
3100	2.8784	4.4351	4.3124	2.6383	8.241	3.1755	6.6225	1.00000
3200	2.8992	4.4905	4.3389	2.6925	8.663	3.3312	6.8198	1.00000

S/R= 22.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	2.9186	4.5433	4.3648	2.7468	9.093	3.4882	7.0186	1.00000
3400	2.9367	4.5937	4.3899	2.8004	9.528	3.6459	7.2184	1.00000
3500	2.9537	4.6418	4.4144	2.8540	9.969	3.8047	7.4187	1.00000
3600	2.9697	4.6878	4.4383	2.9088	10.418	3.9636	7.6201	1.00000
3700	2.9846	4.7317	4.4615	2.9634	10.872	4.1225	7.8207	1.00000
3800	2.9986	4.7736	4.4841	2.9916	11.281	4.2812	8.0228	1.00000

S/R= 22.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.8652	-1.3020	2.5425	1.4002	0.605	0.9987	3.4871	1.00000
200	-0.1130	-0.2487	2.8440	1.4056	0.857	0.9988	3.4912	1.00000
300	0.3121	0.3527	3.0204	1.4120	1.052	0.9999	3.4937	1.00000
400	0.6209	0.7876	3.1463	1.4087	1.215	1.0023	3.5017	1.00000
500	0.8613	1.1264	3.2446	1.4114	1.362	1.0059	3.5125	1.00000
600	1.0580	1.4044	3.3252	1.4189	1.500	1.0109	3.5244	1.00000
700	1.2241	1.6412	3.3940	1.3817	1.606	1.0196	3.5395	1.00000
800	1.4096	1.8902	3.4575	1.3747	1.723	1.0327	3.5841	1.00000
900	1.5469	2.0850	3.5137	1.4237	1.874	1.0477	3.6260	1.00000
1000	1.6713	2.2629	3.5649	1.4401	2.004	1.0665	3.6719	1.00000
1100	1.7838	2.4261	3.6125	1.4632	2.142	1.0898	3.7245	1.00000
1200	1.8864	2.5776	3.6570	1.4914	2.287	1.1179	3.7827	1.00000
1300	1.9802	2.7191	3.6991	1.5251	2.443	1.1516	3.8469	1.00000
1400	2.0663	2.8520	3.7391	1.5639	2.611	1.1908	3.9173	1.00000
1500	2.1453	2.9772	3.7775	1.6084	2.793	1.2363	3.9942	1.00000
1600	2.2177	3.0954	3.8145	1.6581	2.989	1.2881	4.0775	1.00000
1700	2.2843	3.2076	3.8503	1.7106	3.199	1.3459	4.1674	1.00000
1800	2.3458	3.3147	3.8853	1.7659	3.425	1.4116	4.2664	1.00000
1900	2.4027	3.4169	3.9196	1.8192	3.664	1.4851	4.3738	1.00000
2000	2.4538	3.5201	3.9550	1.8832	3.934	1.5714	4.5080	1.00000
2100	2.5074	3.6139	3.9882	1.9582	4.225	1.6604	4.6339	1.00000
2200	2.5525	3.7037	4.0209	2.0166	4.515	1.7571	4.7693	1.00000
2300	2.5946	3.7897	4.0530	2.0821	4.828	1.8613	4.9117	1.00000
2400	2.6335	3.8722	4.0848	2.1502	5.158	1.9717	5.0652	1.00000
2500	2.6696	3.9511	4.1161	2.2099	5.492	2.0881	5.2263	1.00000
2600	2.7032	4.0263	4.1467	2.2664	5.835	2.2098	5.3912	1.00000
2700	2.7345	4.0981	4.1764	2.3211	6.188	2.3364	5.5600	1.00000
2800	2.7637	4.1667	4.2056	2.3755	6.551	2.4671	5.7332	1.00000
2900	2.7908	4.2320	4.2338	2.4291	6.922	2.6011	5.9078	1.00000
3000	2.8162	4.2943	4.2613	2.4822	7.302	2.7380	6.0844	1.00000
3100	2.8399	4.3538	4.2882	2.5352	7.690	2.8772	6.2632	1.00000
3200	2.8620	4.4105	4.3142	2.5874	8.084	3.0182	6.4422	1.00000
3300	2.8828	4.4647	4.3396	2.6395	8.485	3.1610	6.6229	1.00000
3400	2.9022	4.5164	4.3643	2.6910	8.892	3.3049	6.8049	1.00000
3500	2.9204	4.5660	4.3884	2.7424	9.306	3.4503	6.9873	1.00000
3600	2.9375	4.6134	4.4119	2.7945	9.727	3.5962	7.1709	1.00000
3700	2.9536	4.6587	4.4347	2.8465	10.153	3.7426	7.3541	1.00000
3800	2.9687	4.7020	4.4571	2.8983	10.583	3.8892	7.5388	1.00000
3900	2.9829	4.7436	4.4789	2.9493	11.018	4.0360	7.7233	1.00000
4000	2.9963	4.7834	4.5001	2.9754	11.410	4.1830	7.9082	1.00001

S/R= 22.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-0.9520	-1.3888	2.5425	1.4002	0.605	0.9988	3.4875	1.00000

S/R= 22.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-0.1996	-0.3353	2.8441	1.4054	0.857	0.9990	3.4921	1.00000
300	0.2257	0.2664	3.0206	1.4113	1.052	0.9999	3.4949	1.00000
400	0.5348	0.7013	3.1465	1.4076	1.215	1.0020	3.5027	1.00000
500	0.7755	1.0403	3.2447	1.4088	1.361	1.0051	3.5130	1.00000
600	0.9727	1.3181	3.3252	1.4136	1.496	1.0087	3.5239	1.00000
700	1.1396	1.5550	3.3938	1.3752	1.599	1.0155	3.5376	1.00000
800	1.3264	1.8046	3.4571	1.3663	1.713	1.0269	3.5810	1.00000
900	1.4649	1.9995	3.5130	1.4108	1.858	1.0392	3.6204	1.00000
1000	1.5907	2.1774	3.5639	1.4229	1.981	1.0548	3.6632	1.00000
1100	1.7047	2.3406	3.6109	1.4407	2.109	1.0738	3.7115	1.00000
1200	1.8090	2.4920	3.6549	1.4633	2.244	1.0970	3.7646	1.00000
1300	1.9047	2.6333	3.6963	1.4910	2.388	1.1247	3.8223	1.00000
1400	1.9928	2.7660	3.7356	1.5236	2.541	1.1575	3.8853	1.00000
1500	2.0739	2.8910	3.7730	1.5613	2.705	1.1950	3.9532	1.00000
1600	2.1485	3.0091	3.8090	1.6033	2.882	1.2382	4.0263	1.00000
1700	2.2173	3.1211	3.8438	1.6492	3.072	1.2871	4.1054	1.00000
1800	2.2811	3.2278	3.8776	1.6985	3.275	1.3414	4.1910	1.00000
1900	2.3401	3.3296	3.9106	1.7396	3.482	1.4025	4.2836	1.00000
2000	2.3987	3.4323	3.9445	1.7981	3.725	1.4758	4.4000	1.00000
2100	2.4493	3.5259	3.9763	1.8756	3.996	1.5504	4.5086	1.00000
2200	2.4964	3.6156	4.0076	1.9313	4.258	1.6320	4.6258	1.00000
2300	2.5403	3.7017	4.0383	1.9865	4.534	1.7205	4.7492	1.00000
2400	2.5812	3.7841	4.0686	2.0465	4.828	1.8153	4.8792	1.00000
2500	2.6192	3.8631	4.0985	2.1113	5.142	1.9157	5.0184	1.00000
2600	2.6545	3.9388	4.1280	2.1716	5.463	2.0213	5.1639	1.00000
2700	2.6875	4.0113	4.1568	2.2257	5.788	2.1319	5.3138	1.00000
2800	2.7182	4.0807	4.1850	2.2791	6.123	2.2470	5.4685	1.00000
2900	2.7470	4.1470	4.2125	2.3316	6.467	2.3655	5.6251	1.00000
3000	2.7738	4.2103	4.2393	2.3833	6.820	2.4875	5.7839	1.00000
3100	2.7990	4.2709	4.2655	2.4346	7.180	2.6121	5.9453	1.00000
3200	2.8225	4.3288	4.2910	2.4852	7.547	2.7389	6.1073	1.00000
3300	2.8445	4.3842	4.3159	2.5353	7.921	2.8679	6.2713	1.00000
3400	2.8652	4.4372	4.3401	2.5848	8.301	2.9985	6.4367	1.00000
3500	2.8847	4.4880	4.3638	2.6343	8.688	3.1308	6.6026	1.00000
3600	2.9030	4.5367	4.3869	2.6843	9.082	3.2641	6.7699	1.00000
3700	2.9202	4.5834	4.4094	2.7339	9.481	3.3983	6.9370	1.00000
3800	2.9364	4.6281	4.4314	2.7836	9.886	3.5330	7.1057	1.00000
3900	2.9517	4.6710	4.4529	2.8321	10.293	3.6683	7.2744	1.00000
4000	2.9661	4.7122	4.4738	2.8793	10.704	3.8042	7.4435	1.00001
4100	2.9798	4.7519	4.4944	2.9265	11.120	3.9409	7.6148	1.00001
4200	2.9928	4.7901	4.5146	2.9515	11.498	4.0782	7.7870	1.00001

S/R= 22.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.0388	-1.4755	2.5426	1.4002	0.605	0.9990	3.4878	1.00000
200	-0.2863	-0.4219	2.8442	1.4054	0.857	0.9991	3.4927	1.00000
300	0.1387	0.1794	3.0207	1.4108	1.052	1.0000	3.4959	1.00000
400	0.4486	0.6150	3.1466	1.4061	1.214	1.0017	3.5036	1.00000
500	0.6896	0.9540	3.2447	1.4073	1.359	1.0043	3.5135	1.00000
600	0.8870	1.2320	3.3252	1.4095	1.493	1.0074	3.5239	1.00000
700	1.0546	1.4685	3.3936	1.3690	1.593	1.0120	3.5357	1.00000
800	1.2425	1.7187	3.4568	1.3595	1.705	1.0220	3.5784	1.00000
900	1.3821	1.9137	3.5125	1.4000	1.844	1.0322	3.6159	1.00000
1000	1.5090	2.0917	3.5630	1.4088	1.962	1.0450	3.6560	1.00000

S/R= 22.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	1.6243	2.2549	3.6097	1.4223	2.083	1.0608	3.7011	1.00000
1200	1.7302	2.4063	3.6532	1.4398	2.209	1.0798	3.7498	1.00000
1300	1.8275	2.5475	3.6940	1.4622	2.341	1.1026	3.8023	1.00000
1400	1.9174	2.6800	3.7326	1.4892	2.482	1.1295	3.8588	1.00000
1500	2.0003	2.8049	3.7693	1.5211	2.632	1.1611	3.9197	1.00000
1600	2.0769	2.9227	3.8045	1.5567	2.792	1.1966	3.9842	1.00000
1700	2.1478	3.0345	3.8383	1.5954	2.962	1.2374	4.0538	1.00000
1800	2.2137	3.1410	3.8711	1.6385	3.146	1.2833	4.1291	1.00000
1900	2.2748	3.2426	3.9030	1.6743	3.331	1.3339	4.2095	1.00000
2000	2.3356	3.3450	3.9356	1.7217	3.544	1.3948	4.3112	1.00000
2100	2.3884	3.4381	3.9661	1.7917	3.788	1.4583	4.4044	1.00000
2200	2.4375	3.5276	3.9962	1.8495	4.031	1.5269	4.5057	1.00000
2300	2.4833	3.6136	4.0257	1.9033	4.282	1.6015	4.6124	1.00000
2400	2.5260	3.6961	4.0546	1.9560	4.544	1.6820	4.7253	1.00000
2500	2.5659	3.7752	4.0832	2.0097	4.820	1.7680	4.8447	1.00000
2600	2.6031	3.8510	4.1112	2.0707	5.116	1.8591	4.9686	1.00000
2700	2.6377	3.9239	4.1390	2.1314	5.424	1.9550	5.1006	1.00000
2800	2.6702	3.9939	4.1663	2.1843	5.733	2.0553	5.2379	1.00000
2900	2.7005	4.0609	4.1930	2.2359	6.051	2.1594	5.3776	1.00000
3000	2.7289	4.1251	4.2190	2.2863	6.377	2.2671	5.5198	1.00000
3100	2.7554	4.1866	4.2446	2.3363	6.711	2.3778	5.6651	1.00000
3200	2.7804	4.2455	4.2694	2.3855	7.052	2.4911	5.8112	1.00000
3300	2.8038	4.3020	4.2937	2.4340	7.400	2.6069	5.9596	1.00000
3400	2.8258	4.3562	4.3175	2.4819	7.754	2.7246	6.1096	1.00000
3500	2.8466	4.4082	4.3407	2.5295	8.115	2.8443	6.2602	1.00000
3600	2.8661	4.4581	4.3633	2.5774	8.482	2.9653	6.4124	1.00000
3700	2.8845	4.5059	4.3854	2.6252	8.856	3.0876	6.5646	1.00000
3800	2.9019	4.5519	4.4071	2.6728	9.234	3.2108	6.7186	1.00000
3900	2.9182	4.5961	4.4282	2.7193	9.617	3.3349	6.8727	1.00000
4000	2.9337	4.6385	4.4488	2.7645	10.002	3.4597	7.0271	1.00001
4100	2.9484	4.6795	4.4691	2.8098	10.393	3.5858	7.1838	1.00001
4200	2.9624	4.7190	4.4890	2.8542	10.788	3.7126	7.3414	1.00001
4300	2.9757	4.7573	4.5087	2.8963	11.184	3.8407	7.5022	1.00001
4400	2.9884	4.7944	4.5280	2.9178	11.546	3.9706	7.6650	1.00001

S/R= 22.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.1256	-1.5623	2.5426	1.4001	0.605	0.9991	3.4882	1.00000
200	-0.3731	-0.5087	2.8442	1.4053	0.857	0.9993	3.4931	1.00000
300	0.0521	0.0928	3.0208	1.4104	1.052	1.0000	3.4968	1.00000
400	0.3623	0.5286	3.1467	1.4051	1.213	1.0015	3.5043	1.00000
500	0.6036	0.8677	3.2448	1.4062	1.358	1.0035	3.5139	1.00000
600	0.8012	1.1458	3.3252	1.4067	1.491	1.0066	3.5241	1.00000
700	0.9693	1.3821	3.3934	1.3633	1.587	1.0095	3.5345	1.00000
800	1.1581	1.6324	3.4565	1.3534	1.697	1.0176	3.5757	1.00000
900	1.2985	1.8277	3.5120	1.3917	1.834	1.0264	3.6121	1.00000
1000	1.4264	2.0058	3.5623	1.3970	1.946	1.0370	3.6501	1.00000
1100	1.5429	2.1691	3.6087	1.4072	2.062	1.0500	3.6924	1.00000
1200	1.6500	2.3204	3.6518	1.4205	2.180	1.0657	3.7377	1.00000
1300	1.7488	2.4615	3.6921	1.4381	2.302	1.0844	3.7859	1.00000
1400	1.8402	2.5940	3.7302	1.4601	2.432	1.1066	3.8374	1.00000
1500	1.9249	2.7187	3.7663	1.4867	2.570	1.1325	3.8920	1.00000
1600	2.0032	2.8362	3.8007	1.5168	2.716	1.1624	3.9499	1.00000
1700	2.0760	2.9479	3.8337	1.5495	2.870	1.1960	4.0113	1.00000

S/R= 22.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	2.1439	3.0542	3.8657	1.5859	3.035	1.2343	4.0777	1.00000
1900	2.2070	3.1556	3.8967	1.6159	3.202	1.2772	4.1485	1.00000
2000	2.2698	3.2578	3.9282	1.6586	3.394	1.3276	4.2381	1.00000
2100	2.3246	3.3507	3.9576	1.7184	3.609	1.3804	4.3186	1.00000
2200	2.3758	3.4398	3.9865	1.7680	3.825	1.4386	4.4059	1.00000
2300	2.4236	3.5256	4.0147	1.8222	4.057	1.5016	4.4980	1.00000
2400	2.4681	3.6080	4.0426	1.8749	4.297	1.5695	4.5959	1.00000
2500	2.5097	3.6872	4.0700	1.9248	4.546	1.6425	4.6997	1.00000
2600	2.5487	3.7632	4.0969	1.9747	4.806	1.7202	4.8073	1.00000
2700	2.5852	3.8362	4.1233	2.0284	5.081	1.8028	4.9194	1.00000
2800	2.6194	3.9065	4.1495	2.0873	5.374	1.8896	5.0387	1.00000
2900	2.6513	3.9741	4.1753	2.1417	5.671	1.9803	5.1624	1.00000
3000	2.6812	4.0390	4.2005	2.1912	5.972	2.0747	5.2891	1.00000
3100	2.7093	4.1013	4.2253	2.2403	6.281	2.1723	5.4192	1.00000
3200	2.7357	4.1611	4.2495	2.2831	6.597	2.2727	5.5505	1.00000
3300	2.7605	4.2185	4.2732	2.3353	6.919	2.3758	5.6842	1.00000
3400	2.7839	4.2736	4.2964	2.3818	7.249	2.4811	5.8199	1.00000
3500	2.8060	4.3267	4.3190	2.4279	7.584	2.5887	5.9563	1.00000
3600	2.8267	4.3776	4.3412	2.4741	7.927	2.6979	6.0944	1.00000
3700	2.8464	4.4266	4.3629	2.5200	8.275	2.8087	6.2328	1.00000
3800	2.8649	4.4737	4.3841	2.5657	8.629	2.9207	6.3731	1.00000
3900	2.8824	4.5191	4.4049	2.6101	8.987	3.0338	6.5136	1.00000
4000	2.8990	4.5627	4.4252	2.6537	9.348	3.1480	6.6546	1.00001
4100	2.9147	4.6049	4.4452	2.6975	9.715	3.2636	6.7978	1.00001
4200	2.9297	4.6456	4.4647	2.7400	10.086	3.3801	6.9419	1.00000
4300	2.9440	4.6850	4.4841	2.7807	10.458	3.4980	7.0890	1.00001
4400	2.9576	4.7233	4.5031	2.8194	10.834	3.6179	7.2379	1.00001
4500	2.9708	4.7606	4.5220	2.8572	11.213	3.7399	7.3917	1.00002
4600	2.9834	4.7969	4.5406	2.8956	11.601	3.8640	7.5480	1.00001
4700	2.9955	4.8322	4.5591	2.9147	11.956	3.9902	7.7083	1.00005

S/R= 23.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.2125	-1.6490	2.5427	1.4001	0.605	0.9992	3.4886	1.00000
200	-0.4599	-0.5954	2.8443	1.4043	0.857	0.9994	3.4935	1.00000
300	-0.0318	0.0089	3.0209	1.4100	1.052	1.0000	3.4975	1.00000
400	0.2759	0.4422	3.1467	1.4063	1.214	1.0013	3.5050	1.00000
500	0.5174	0.7812	3.2448	1.4049	1.357	1.0030	3.5142	1.00000
600	0.7153	1.0594	3.3252	1.4052	1.489	1.0056	3.5240	1.00000
700	0.8836	1.2959	3.3934	1.3589	1.584	1.0082	3.5341	1.00000
800	1.0732	1.5457	3.4561	1.3473	1.690	1.0137	3.5731	1.00000
900	1.2144	1.7415	3.5116	1.3853	1.825	1.0216	3.6088	1.00000
1000	1.3431	1.9197	3.5617	1.3873	1.933	1.0304	3.6452	1.00000
1100	1.4606	2.0830	3.6079	1.3947	2.044	1.0411	3.6853	1.00000
1200	1.5688	2.2344	3.6506	1.4047	2.156	1.0541	3.7279	1.00000
1300	1.6688	2.3755	3.6906	1.4181	2.271	1.0695	3.7725	1.00000
1400	1.7616	2.5078	3.7282	1.4357	2.391	1.0878	3.8199	1.00000
1500	1.8477	2.6324	3.7637	1.4576	2.518	1.1091	3.8695	1.00000
1600	1.9277	2.7499	3.7976	1.4827	2.652	1.1337	3.9214	1.00000
1700	2.0021	2.8613	3.8300	1.5104	2.793	1.1619	3.9766	1.00000
1800	2.0717	2.9675	3.8611	1.5411	2.942	1.1935	4.0353	1.00000
1900	2.1367	3.0687	3.8913	1.5647	3.091	1.2291	4.0977	1.00000
2000	2.2016	3.1707	3.9220	1.6019	3.264	1.2720	4.1779	1.00000
2100	2.2583	3.2635	3.9504	1.6568	3.460	1.3158	4.2479	1.00000

S/R= 23.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	2.3112	3.3524	3.9783	1.6986	3.651	1.3641	4.3237	1.00000
2300	2.3609	3.4379	4.0055	1.7435	3.855	1.4173	4.4031	1.00000
2400	2.4074	3.5201	4.0322	1.7945	4.076	1.4750	4.4875	1.00000
2500	2.4509	3.5992	4.0586	1.8459	4.306	1.5365	4.5777	1.00000
2600	2.4915	3.6753	4.0844	1.8929	4.541	1.6024	4.6712	1.00000
2700	2.5297	3.7485	4.1098	1.9392	4.786	1.6729	4.7689	1.00000
2800	2.5656	3.8190	4.1348	1.9865	5.041	1.7474	4.8716	1.00000
2900	2.5993	3.8868	4.1594	2.0416	5.317	1.8258	4.9772	1.00000
3000	2.6309	3.9522	4.1838	2.0977	5.603	1.9078	5.0890	1.00000
3100	2.6605	4.0151	4.2078	2.1460	5.888	1.9931	5.2046	1.00000
3200	2.6883	4.0755	4.2312	2.1928	6.180	2.0814	5.3219	1.00000
3300	2.7146	4.1338	4.2543	2.2390	6.479	2.1725	5.4419	1.00000
3400	2.7394	4.1898	4.2769	2.2843	6.784	2.2661	5.5642	1.00000
3500	2.7628	4.2437	4.2990	2.3289	7.096	2.3621	5.6872	1.00000
3600	2.7848	4.2956	4.3206	2.3738	7.414	2.4600	5.8123	1.00000
3700	2.8057	4.3456	4.3418	2.4180	7.738	2.5596	5.9377	1.00000
3800	2.8254	4.3938	4.3626	2.4622	8.068	2.6608	6.0653	1.00000
3900	2.8441	4.4402	4.3830	2.5049	8.402	2.7633	6.1932	1.00000
4000	2.8618	4.4849	4.4029	2.5466	8.739	2.8672	6.3218	1.00001
4100	2.8786	4.5281	4.4225	2.5890	9.084	2.9725	6.4524	1.00001
4200	2.8946	4.5700	4.4417	2.6299	9.431	3.0791	6.5841	1.00001
4300	2.9099	4.6105	4.4607	2.6690	9.780	3.1871	6.7185	1.00001
4400	2.9246	4.6499	4.4794	2.7068	10.134	3.2972	6.8547	1.00001
4500	2.9387	4.6883	4.4980	2.7429	10.490	3.4093	6.9953	1.00002
4600	2.9522	4.7257	4.5164	2.7791	10.853	3.5237	7.1385	1.00001
4700	2.9653	4.7623	4.5346	2.8155	11.224	3.6404	7.2857	1.00005
4800	2.9779	4.7980	4.5527	2.8515	11.600	3.7596	7.4373	1.00003
4900	2.9901	4.8330	4.5707	2.8692	11.946	3.8819	7.5944	1.00004

S/R= 23.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.2993	-1.7358	2.5427	1.4001	0.605	0.9994	3.4890	1.00000
200	-0.5467	-0.6822	2.8443	1.4022	0.856	0.9995	3.4938	1.00000
300	-0.1126	-0.0718	3.0210	1.4097	1.052	1.0000	3.4981	1.00000
400	0.1855	0.3556	3.1468	1.4100	1.215	1.0012	3.5055	1.00000
500	0.4311	0.6947	3.2448	1.4038	1.356	1.0025	3.5145	1.00000
600	0.6293	0.9730	3.3252	1.4041	1.488	1.0046	3.5240	1.00000
700	0.7978	1.2096	3.3934	1.3557	1.581	1.0073	3.5341	1.00000
800	0.9878	1.4591	3.4559	1.3414	1.684	1.0106	3.5712	1.00000
900	1.1297	1.6549	3.5112	1.3794	1.817	1.0170	3.6056	1.00000
1000	1.2592	1.8335	3.5612	1.3803	1.923	1.0248	3.6411	1.00000
1100	1.3775	1.9968	3.6072	1.3843	2.029	1.0337	3.6795	1.00000
1200	1.4866	2.1482	3.6497	1.3917	2.136	1.0444	3.7197	1.00000
1300	1.5877	2.2894	3.6893	1.4018	2.245	1.0572	3.7617	1.00000
1400	1.6816	2.4216	3.7265	1.4153	2.357	1.0722	3.8055	1.00000
1500	1.7691	2.5461	3.7617	1.4331	2.475	1.0898	3.8511	1.00000
1600	1.8504	2.6635	3.7950	1.4538	2.599	1.1101	3.8983	1.00000
1700	1.9264	2.7748	3.8268	1.4769	2.728	1.1333	3.9478	1.00000
1800	1.9975	2.8808	3.8574	1.5029	2.864	1.1598	4.0006	1.00000
1900	2.0641	2.9818	3.8868	1.5213	2.998	1.1892	4.0559	1.00000
2000	2.1309	3.0837	3.9167	1.5524	3.153	1.2248	4.1276	1.00000
2100	2.1894	3.1763	3.9444	1.6013	3.331	1.2621	4.1896	1.00000
2200	2.2442	3.2651	3.9714	1.6392	3.505	1.3023	4.2558	1.00000
2300	2.2956	3.3504	3.9977	1.6785	3.687	1.3466	4.3248	1.00000

1.417

S/R= 23.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	2.3439	3.4324	4.0234	1.7197	3.880	1.3949	4.3978	1.00000
2500	2.3892	3.5113	4.0488	1.7662	4.088	1.4474	4.4757	1.00000
2600	2.4316	3.5873	4.0736	1.8150	4.307	1.5031	4.5568	1.00000
2700	2.4715	3.6607	4.0980	1.8599	4.530	1.5627	4.6417	1.00000
2800	2.5090	3.7313	4.1221	1.9042	4.762	1.6262	4.7314	1.00000
2900	2.5443	3.7993	4.1458	1.9486	5.002	1.6934	4.8237	1.00000
3000	2.5776	3.8649	4.1690	1.9951	5.255	1.7641	4.9191	1.00000
3100	2.6089	3.9282	4.1920	2.0482	5.524	1.8380	5.0192	1.00000
3200	2.6382	3.9892	4.2147	2.0997	5.800	1.9150	5.1231	1.00000
3300	2.6660	4.0481	4.2370	2.1450	6.077	1.9949	5.2301	1.00000
3400	2.6921	4.1048	4.2590	2.1892	6.359	2.0773	5.3397	1.00000
3500	2.7169	4.1596	4.2805	2.2326	6.647	2.1623	5.4502	1.00000
3600	2.7403	4.2123	4.3016	2.2760	6.942	2.2494	5.5630	1.00000
3700	2.7624	4.2632	4.3223	2.3190	7.244	2.3384	5.6763	1.00000
3800	2.7834	4.3122	4.3426	2.3617	7.550	2.4292	5.7919	1.00000
3900	2.8032	4.3596	4.3625	2.4033	7.861	2.5216	5.9081	1.00000
4000	2.8221	4.4053	4.3820	2.4436	8.176	2.6154	6.0249	1.00001
4100	2.8401	4.4495	4.4012	2.4840	8.497	2.7109	6.1440	1.00001
4200	2.8571	4.4923	4.4201	2.5235	8.822	2.8078	6.2640	1.00001
4300	2.8735	4.5339	4.4388	2.5613	9.149	2.9062	6.3868	1.00001
4400	2.8892	4.5744	4.4571	2.5978	9.480	3.0068	6.5112	1.00001
4500	2.9042	4.6138	4.4754	2.6327	9.815	3.1094	6.6398	1.00003
4600	2.9188	4.6523	4.4934	2.6671	10.155	3.2142	6.7708	1.00002
4700	2.9328	4.6900	4.5113	2.7014	10.502	3.3217	6.9059	1.00005
4800	2.9464	4.7269	4.5292	2.7357	10.855	3.4317	7.0455	1.00003
4900	2.9595	4.7631	4.5470	2.7689	11.215	3.5450	7.1906	1.00004
5000	2.9723	4.7988	4.5647	2.7857	11.549	3.6619	7.3410	1.00008

S/R= 23.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.3861	-1.8225	2.5427	1.4000	0.605	0.9995	3.4894	1.00000
200	-0.6335	-0.7689	2.8444	1.4003	0.856	0.9995	3.4940	1.00000
300	-0.1937	-0.1528	3.0210	1.4095	1.052	1.0000	3.4986	1.00000
400	0.1028	0.2689	3.1469	1.4136	1.217	1.0010	3.5060	1.00000
500	0.3447	0.6082	3.2449	1.4027	1.356	1.0022	3.5147	1.00000
600	0.5431	0.8865	3.3252	1.4026	1.486	1.0038	3.5239	1.00000
700	0.7118	1.1232	3.3933	1.3542	1.579	1.0061	3.5338	1.00000
800	0.9023	1.3729	3.4558	1.3371	1.680	1.0091	3.5706	1.00000
900	1.0446	1.5681	3.5109	1.3728	1.809	1.0131	3.6028	1.00000
1000	1.1748	1.7470	3.5608	1.3746	1.915	1.0200	3.6375	1.00000
1100	1.2937	1.9105	3.6066	1.3763	2.017	1.0276	3.6746	1.00000
1200	1.4036	2.0619	3.6489	1.3807	2.119	1.0364	3.7130	1.00000
1300	1.5056	2.2031	3.6883	1.3885	2.223	1.0470	3.7527	1.00000
1400	1.6006	2.3354	3.7252	1.3988	2.329	1.0595	3.7938	1.00000
1500	1.6891	2.4597	3.7600	1.4125	2.439	1.0739	3.8360	1.00000
1600	1.7716	2.5770	3.7929	1.4296	2.554	1.0906	3.8793	1.00000
1700	1.8489	2.6882	3.8242	1.4485	2.673	1.1098	3.9243	1.00000
1800	1.9215	2.7941	3.8543	1.4701	2.798	1.1316	3.9718	1.00000
1900	1.9896	2.8950	3.8832	1.4842	2.920	1.1563	4.0216	1.00000
2000	2.0580	2.9967	3.9124	1.5105	3.061	1.1858	4.0863	1.00000
2100	2.1181	3.0892	3.9393	1.5533	3.221	1.2166	4.1409	1.00000
2200	2.1746	3.1778	3.9656	1.5858	3.378	1.2507	4.1996	1.00000
2300	2.2278	3.2631	3.9911	1.6211	3.543	1.2878	4.2601	1.00000
2400	2.2777	3.3449	4.0161	1.6582	3.718	1.3281	4.3236	1.00000

S/R= 23.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	2.3247	3.4238	4.0405	1.6966	3.901	1.3719	4.3914	1.00000
2600	2.3688	3.4996	4.0644	1.7373	4.094	1.4192	4.4614	1.00000
2700	2.4105	3.5728	4.0879	1.7822	4.301	1.4699	4.5349	1.00000
2800	2.4496	3.6435	4.1111	1.8274	4.515	1.5237	4.6131	1.00000
2900	2.4865	3.7117	4.1339	1.8689	4.733	1.5808	4.6936	1.00000
3000	2.5213	3.7776	4.1563	1.9103	4.959	1.6412	4.7769	1.00000
3100	2.5542	3.8411	4.1784	1.9525	5.195	1.7048	4.8640	1.00000
3200	2.5853	3.9024	4.2000	1.9984	5.443	1.7713	4.9530	1.00000
3300	2.6146	3.9617	4.2215	2.0491	5.705	1.8407	5.0464	1.00000
3400	2.6422	4.0190	4.2428	2.0963	5.971	1.9128	5.1439	1.00000
3500	2.6683	4.0744	4.2636	2.1388	6.237	1.9875	5.2425	1.00000
3600	2.6930	4.1278	4.2841	2.1810	6.510	2.0643	5.3437	1.00000
3700	2.7165	4.1794	4.3042	2.2227	6.789	2.1433	5.4456	1.00000
3800	2.7387	4.2293	4.3241	2.2641	7.074	2.2241	5.5501	1.00000
3900	2.7598	4.2775	4.3435	2.3045	7.363	2.3068	5.6552	1.00000
4000	2.7798	4.3241	4.3626	2.3437	7.656	2.3910	5.7611	1.00001
4100	2.7989	4.3692	4.3814	2.3828	7.955	2.4770	5.8693	1.00001
4200	2.8171	4.4130	4.3998	2.4210	8.258	2.5645	5.9785	1.00001
4300	2.8346	4.4555	4.4181	2.4575	8.563	2.6537	6.0905	1.00001
4400	2.8513	4.4969	4.4361	2.4925	8.873	2.7450	6.2039	1.00002
4500	2.8674	4.5373	4.4540	2.5261	9.185	2.8384	6.3213	1.00003
4600	2.8829	4.5768	4.4717	2.5594	9.504	2.9341	6.4410	1.00002
4700	2.8980	4.6155	4.4893	2.5917	9.828	3.0324	6.5649	1.00005
4800	2.9125	4.6535	4.5069	2.6238	10.159	3.1336	6.6933	1.00004
4900	2.9267	4.6909	4.5244	2.6559	10.497	3.2381	6.8273	1.00005
5000	2.9405	4.7278	4.5420	2.6722	10.813	3.3462	6.9665	1.00009

S/R= 23.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.4728	-1.9093	2.5428	1.4000	0.605	0.9997	3.4897	1.00000
200	-0.7203	-1.8556	2.8444	1.3999	0.855	0.9996	3.4943	1.00000
300	-0.2793	-0.2384	3.0210	1.4091	1.051	1.0000	3.4988	1.00000
400	0.0164	0.1824	3.1469	1.4140	1.217	1.0009	3.5064	1.00000
500	0.2582	0.5215	3.2449	1.4021	1.355	1.0019	3.5148	1.00000
600	0.4568	0.7999	3.3252	1.4013	1.485	1.0032	3.5239	1.00000
700	0.6258	1.0366	3.3933	1.3532	1.578	1.0051	3.5334	1.00000
800	0.8164	1.2866	3.4558	1.3344	1.678	1.0081	3.5704	1.00000
900	0.9591	1.4815	3.5107	1.3663	1.803	1.0105	3.6011	1.00000
1000	1.0898	1.6601	3.5604	1.3687	1.907	1.0156	3.6341	1.00000
1100	1.2094	1.8240	3.6061	1.3703	2.008	1.0225	3.6705	1.00000
1200	1.3200	1.9755	3.6483	1.3719	2.106	1.0299	3.7074	1.00000
1300	1.4227	2.1167	3.6874	1.3771	2.205	1.0386	3.7452	1.00000
1400	1.5185	2.2489	3.7241	1.3851	2.306	1.0488	3.7841	1.00000
1500	1.6080	2.3733	3.7586	1.3959	2.410	1.0608	3.8237	1.00000
1600	1.6916	2.4905	3.7911	1.4092	2.517	1.0745	3.8637	1.00000
1700	1.7700	2.6016	3.8221	1.4246	2.628	1.0904	3.9051	1.00000
1800	1.8438	2.7074	3.8517	1.4423	2.743	1.1084	3.9483	1.00000
1900	1.9132	2.8082	3.8801	1.4524	2.854	1.1287	3.9932	1.00000
2000	1.9831	2.9098	3.9087	1.4747	2.983	1.1534	4.0523	1.00000
2100	2.0447	3.0021	3.9351	1.5126	3.129	1.1790	4.1008	1.00000
2200	2.1027	3.0906	3.9608	1.5400	3.270	1.2072	4.1528	1.00000
2300	2.1575	3.1758	3.9856	1.5697	3.419	1.2385	4.2062	1.00000
2400	2.2091	3.2575	4.0099	1.6028	3.578	1.2725	4.2623	1.00000
2500	2.2576	3.3363	4.0336	1.6378	3.744	1.3090	4.3214	1.00000

S/R= 23.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	2.3034	3.4120	4.0567	1.6729	3.916	1.3485	4.3824	1.00000
2700	2.3466	3.4851	4.0793	1.7091	4.097	1.3912	4.4461	1.00000
2800	2.3875	3.5557	4.1017	1.7500	4.291	1.4371	4.5138	1.00000
2900	2.4259	3.6240	4.1236	1.7930	4.494	1.4856	4.5838	1.00000
3000	2.4623	3.6900	4.1452	1.8333	4.701	1.5369	4.6565	1.00000
3100	2.4967	3.7537	4.1665	1.8728	4.915	1.5911	4.7327	1.00000
3200	2.5292	3.8153	4.1874	1.9121	5.135	1.6482	4.8107	1.00000
3300	2.5601	3.8749	4.2080	1.9517	5.363	1.7080	4.8917	1.00000
3400	2.5893	3.9325	4.2283	1.9961	5.605	1.7704	4.9756	1.00000
3500	2.6169	3.9884	4.2484	2.0443	5.860	1.8355	5.0621	1.00000
3600	2.6430	4.0424	4.2683	2.0885	6.116	1.9027	5.1521	1.00000
3700	2.6678	4.0946	4.2878	2.1291	6.374	1.9722	5.2433	1.00000
3800	2.6913	4.1452	4.3071	2.1694	6.637	2.0437	5.3372	1.00000
3900	2.7137	4.1941	4.3260	2.2086	6.905	2.1170	5.4319	1.00000
4000	2.7349	4.2415	4.3446	2.2466	7.177	2.1920	5.5275	1.00001
4100	2.7552	4.2874	4.3629	2.2846	7.455	2.2690	5.6254	1.00001
4200	2.7746	4.3320	4.3810	2.3218	7.737	2.3475	5.7245	1.00001
4300	2.7931	4.3754	4.3989	2.3569	8.021	2.4278	5.8263	1.00001
4400	2.8109	4.4176	4.4165	2.3910	8.310	2.5102	5.9295	1.00002
4500	2.8280	4.4589	4.4340	2.4238	8.603	2.5947	6.0365	1.00003
4600	2.8446	4.4993	4.4513	2.4552	8.899	2.6816	6.1458	1.00002
4700	2.8607	4.5390	4.4686	2.4858	9.201	2.7711	6.2593	1.00005
4800	2.8763	4.5780	4.4859	2.5164	9.510	2.8636	6.3773	1.00004
4900	2.8915	4.6165	4.5032	2.5467	9.827	2.9594	6.5009	1.00005
5000	2.9063	4.6546	4.5205	2.5620	10.123	3.0590	6.6297	1.00009

S/R= 23.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.5596	-1.9960	2.5428	1.4001	0.605	0.9999	3.4900	1.00000
200	-0.8071	-0.9424	2.8444	1.4000	0.856	0.9997	3.4946	1.00000
300	-0.3665	-0.3256	3.0210	1.4086	1.051	1.0000	3.4988	1.00000
400	-0.0697	0.0964	3.1470	1.4133	1.216	1.0008	3.5067	1.00000
500	0.1716	0.4349	3.2449	1.4020	1.355	1.0016	3.5149	1.00000
600	0.3704	0.7133	3.3252	1.4002	1.484	1.0027	3.5238	1.00000
700	0.5395	0.9500	3.3932	1.3519	1.576	1.0042	3.5329	1.00000
800	0.7305	1.2001	3.4557	1.3332	1.676	1.0069	3.5698	1.00000
900	0.8734	1.3951	3.5106	1.3619	1.798	1.0091	3.6002	1.00000
1000	1.0045	1.5733	3.5601	1.3617	1.898	1.0121	3.6314	1.00000
1100	1.1246	1.7372	3.6057	1.3651	1.999	1.0178	3.6666	1.00000
1200	1.2357	1.8890	3.6477	1.3656	2.095	1.0244	3.7027	1.00000
1300	1.3391	2.0302	3.6867	1.3679	2.190	1.0316	3.7391	1.00000
1400	1.4357	2.1624	3.7232	1.3736	2.287	1.0401	3.7761	1.00000
1500	1.5260	2.2868	3.7574	1.3823	2.386	1.0500	3.8135	1.00000
1600	1.6104	2.4040	3.7897	1.3926	2.487	1.0614	3.8511	1.00000
1700	1.6898	2.5150	3.8203	1.4045	2.590	1.0743	3.8892	1.00000
1800	1.7647	2.6207	3.8496	1.4190	2.697	1.0892	3.9291	1.00000
1900	1.8352	2.7214	3.8775	1.4255	2.799	1.1060	3.9700	1.00000
2000	1.9065	2.8228	3.9057	1.4439	2.916	1.1264	4.0242	1.00000
2100	1.9694	2.9151	3.9316	1.4777	3.052	1.1478	4.0679	1.00000
2200	2.0288	3.0035	3.9567	1.5010	3.180	1.1713	4.1144	1.00000
2300	2.0849	3.0885	3.9810	1.5263	3.315	1.1972	4.1616	1.00000
2400	2.1380	3.1702	4.0046	1.5540	3.457	1.2256	4.2111	1.00000
2500	2.1881	3.2489	4.0277	1.5845	3.608	1.2566	4.2636	1.00000
2600	2.2354	3.3245	4.0502	1.6166	3.765	1.2896	4.3170	1.00000

S/R= 23.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	2.2801	3.3976	4.0721	1.6490	3.928	1.3253	4.3724	1.00000
2800	2.3225	3.4682	4.0937	1.6829	4.099	1.3637	4.4314	1.00000
2900	2.3626	3.5363	4.1149	1.7177	4.278	1.4049	4.4921	1.00000
3000	2.4006	3.6023	4.1356	1.7574	4.469	1.4488	4.5551	1.00000
3100	2.4364	3.6661	4.1562	1.7985	4.668	1.4948	4.6217	1.00000
3200	2.4704	3.7279	4.1763	1.8352	4.868	1.5433	4.6898	1.00000
3300	2.5027	3.7878	4.1962	1.8722	5.076	1.5946	4.7608	1.00000
3400	2.5334	3.8457	4.2158	1.9091	5.289	1.6482	4.8346	1.00000
3500	2.5625	3.9019	4.2351	1.9464	5.510	1.7044	4.9095	1.00000
3600	2.5901	3.9563	4.2542	1.9891	5.745	1.7627	4.9872	1.00000
3700	2.6163	4.0090	4.2730	2.0352	5.992	1.8233	5.0672	1.00000
3800	2.6412	4.0601	4.2917	2.0771	6.239	1.8859	5.1510	1.00000
3900	2.6648	4.1097	4.3101	2.1154	6.487	1.9505	5.2358	1.00001
4000	2.6873	4.1577	4.3281	2.1526	6.739	2.0169	5.3217	1.00001
4100	2.7088	4.2044	4.3460	2.1894	6.996	2.0852	5.4099	1.00001
4200	2.7293	4.2497	4.3636	2.2255	7.258	2.1552	5.4995	1.00001
4300	2.7490	4.2938	4.3810	2.2595	7.522	2.2270	5.5917	1.00001
4400	2.7679	4.3368	4.3982	2.2927	7.791	2.3009	5.6853	1.00002
4500	2.7861	4.3789	4.4153	2.3246	8.063	2.3769	5.7826	1.00003
4600	2.8037	4.4202	4.4323	2.3547	8.339	2.4552	5.8822	1.00003
4700	2.8208	4.4607	4.4492	2.3838	8.620	2.5363	5.9859	1.00006
4800	2.8375	4.5007	4.4662	2.4130	8.909	2.6203	6.0942	1.00004
4900	2.8538	4.5402	4.4832	2.4417	9.204	2.7077	6.2081	1.00006
5000	2.8697	4.5793	4.5002	2.4560	9.480	2.7989	6.3270	1.00010

S/R= 24.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.6464	-2.0828	2.5428	1.4001	0.605	1.0000	3.4902	1.00000
200	-0.8939	-1.0292	2.8444	1.4001	0.856	0.9998	3.4947	1.00000
300	-0.4536	-0.4128	3.0210	1.4076	1.051	1.0000	3.4989	1.00000
400	-0.1548	0.0112	3.1470	1.4127	1.216	1.0008	3.5069	1.00000
500	0.0850	0.3481	3.2449	1.4029	1.355	1.0014	3.5149	1.00000
600	0.2839	0.6266	3.3251	1.3994	1.483	1.0023	3.5237	1.00000
700	0.4531	0.8633	3.3932	1.3506	1.575	1.0035	3.5325	1.00000
800	0.6044	1.1135	3.4556	1.3323	1.674	1.0056	3.5690	1.00000
900	0.7874	1.3087	3.5105	1.3601	1.796	1.0080	3.5996	1.00000
1000	0.9189	1.4868	3.5599	1.3558	1.892	1.0101	3.6300	1.00000
1100	1.0394	1.6503	3.6053	1.3585	1.990	1.0138	3.6634	1.00000
1200	1.1510	1.8022	3.6472	1.3603	2.086	1.0195	3.6986	1.00000
1300	1.2550	1.9436	3.6861	1.3610	2.179	1.0258	3.7339	1.00000
1400	1.3521	2.0759	3.7224	1.3643	2.271	1.0329	3.7695	1.00000
1500	1.4431	2.2002	3.7565	1.3707	2.366	1.0410	3.8051	1.00000
1600	1.5283	2.3174	3.7885	1.3790	2.462	1.0504	3.8405	1.00000
1700	1.6086	2.4284	3.8189	1.3881	2.559	1.0612	3.8764	1.00000
1800	1.6844	2.5340	3.8478	1.3994	2.659	1.0734	3.9133	1.00000
1900	1.7559	2.6346	3.8755	1.4029	2.753	1.0873	3.9509	1.00000
2000	1.8233	2.7360	3.9032	1.4179	2.861	1.1041	4.0012	1.00000
2100	1.8924	2.8281	3.9287	1.4478	2.986	1.1217	4.0407	1.00000
2200	1.9530	2.9164	3.9534	1.4675	3.104	1.1413	4.0826	1.00000
2300	2.0104	3.0013	3.9771	1.4891	3.227	1.1630	4.1250	1.00000
2400	2.0648	3.0829	4.0002	1.5128	3.356	1.1865	4.1688	1.00000
2500	2.1163	3.1615	4.0228	1.5384	3.492	1.2122	4.2152	1.00000
2600	2.1650	3.2371	4.0446	1.5657	3.633	1.2402	4.2625	1.00000
2700	2.2112	3.3101	4.0660	1.5949	3.782	1.2704	4.3113	1.00000

S/R= 24.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	2.2550	3.3807	4.0869	1.6258	3.938	1.3024	4.3629	1.00000
2900	2.2965	3.4488	4.1074	1.6567	4.098	1.3369	4.4159	1.00000
3000	2.3360	3.5148	4.1275	1.6886	4.266	1.3738	4.4707	1.00000
3100	2.3734	3.5786	4.1473	1.7229	4.443	1.4131	4.5285	1.00000
3200	2.4089	3.6404	4.1667	1.7606	4.629	1.4546	4.5877	1.00000
3300	2.4426	3.7005	4.1860	1.7980	4.821	1.4982	4.6499	1.00000
3400	2.4746	3.7586	4.2049	1.8326	5.016	1.5440	4.7146	1.00000
3500	2.5051	3.8151	4.2235	1.8674	5.216	1.5921	4.7803	1.00000
3600	2.5341	3.8698	4.2419	1.9027	5.424	1.6423	4.8486	1.00000
3700	2.5618	3.9229	4.2600	1.9380	5.637	1.6947	4.9181	1.00000
3800	2.5881	3.9743	4.2779	1.9777	5.863	1.7491	4.9906	1.00000
3900	2.6131	4.0244	4.2957	2.0215	6.101	1.8054	5.0651	1.00001
4000	2.6369	4.0729	4.3132	2.0611	6.339	1.8636	5.1416	1.00001
4100	2.6596	4.1202	4.3305	2.0970	6.577	1.9238	5.2207	1.00001
4200	2.6813	4.1661	4.3476	2.1322	6.819	1.9857	5.3012	1.00002
4300	2.7021	4.2109	4.3646	2.1652	7.064	2.0494	5.3844	1.00001
4400	2.7222	4.2546	4.3814	2.1973	7.313	2.1152	5.4690	1.00002
4500	2.7415	4.2974	4.3981	2.2286	7.566	2.1831	5.5572	1.00003
4600	2.7602	4.3394	4.4146	2.2577	7.823	2.2533	5.6476	1.00003
4700	2.7785	4.3808	4.4312	2.2854	8.083	2.3263	5.7421	1.00006
4800	2.7962	4.4216	4.4478	2.3132	8.351	2.4021	5.8414	1.00005
4900	2.8136	4.4621	4.4644	2.3404	8.626	2.4814	5.9460	1.00007
5000	2.8306	4.5022	4.4811	2.3540	8.884	2.5643	6.0557	1.00010

2.26

S/R= 24.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.7333	-2.1697	2.5428	1.4001	0.605	1.0000	3.4902	1.00000
200	-0.9807	-1.1160	2.8445	1.4001	0.856	0.9998	3.4949	1.00000
300	-0.5404	-0.4996	3.0211	1.4055	1.050	1.0000	3.4989	1.00000
400	-0.2378	-0.0718	3.1470	1.4125	1.216	1.0007	3.5070	1.00000
500	-0.0017	0.2614	3.2449	1.4059	1.357	1.0013	3.5149	1.00000
600	0.1973	0.5398	3.3251	1.3986	1.483	1.0019	3.5234	1.00000
700	0.3666	0.7765	3.3931	1.3495	1.574	1.0029	3.5320	1.00000
800	0.5581	1.0268	3.4556	1.3309	1.672	1.0046	3.5683	1.00000
900	0.7013	1.2220	3.5104	1.3591	1.794	1.0066	3.5985	1.00000
1000	0.8330	1.4004	3.5598	1.3527	1.889	1.0088	3.6292	1.00000
1100	0.9539	1.5637	3.6050	1.3519	1.983	1.0111	3.6614	1.00000
1200	1.0659	1.7153	3.6468	1.3544	2.077	1.0153	3.6950	1.00000
1300	1.1703	1.8568	3.6856	1.3557	2.169	1.0208	3.7296	1.00000
1400	1.2680	1.9892	3.7218	1.3570	2.259	1.0268	3.7640	1.00000
1500	1.3596	2.1136	3.7557	1.3613	2.349	1.0336	3.7982	1.00000
1600	1.4454	2.2308	3.7875	1.3675	2.441	1.0414	3.8319	1.00000
1700	1.5264	2.3417	3.8177	1.3747	2.534	1.0503	3.8657	1.00000
1800	1.6029	2.4473	3.8464	1.3835	2.628	1.0605	3.9004	1.00000
1900	1.6754	2.5478	3.8737	1.3839	2.715	1.0718	3.9353	1.00000
2000	1.7488	2.6491	3.9012	1.3962	2.816	1.0857	3.9823	1.00000
2100	1.8138	2.7412	3.9263	1.4227	2.932	1.1003	4.0184	1.00000
2200	1.8755	2.8294	3.9506	1.4389	3.040	1.1165	4.0564	1.00000
2300	1.9341	2.9142	3.9739	1.4572	3.153	1.1344	4.0945	1.00000
2400	1.9896	2.9957	3.9966	1.4774	3.271	1.1542	4.1340	1.00000
2500	2.0424	3.0742	4.0186	1.4993	3.394	1.1755	4.1754	1.00000
2600	2.0924	3.1497	4.0400	1.5226	3.523	1.1987	4.2172	1.00000
2700	2.1399	3.2227	4.0608	1.5470	3.656	1.2240	4.2603	1.00000
2800	2.1851	3.2932	4.0812	1.5738	3.797	1.2512	4.3061	1.00000

S/R= 24.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2900	2.2280	3.3613	4.1011	1.6023	3.944	1.2802	4.3525	1.00000
3000	2.2688	3.4273	4.1206	1.6310	4.096	1.3110	4.4004	1.00000
3100	2.3076	3.4911	4.1398	1.6606	4.253	1.3440	4.4509	1.00000
3200	2.3445	3.5530	4.1586	1.6908	4.417	1.3791	4.5025	1.00000
3300	2.3797	3.6130	4.1771	1.7233	4.590	1.4164	4.5564	1.00000
3400	2.4131	3.6713	4.1955	1.7589	4.771	1.4555	4.6129	1.00000
3500	2.4450	3.7279	4.2134	1.7939	4.957	1.4965	4.6704	1.00000
3600	2.4753	3.7829	4.2312	1.8268	5.145	1.5395	4.7305	1.00000
3700	2.5043	3.8363	4.2487	1.8597	5.339	1.5844	4.7915	1.00000
3800	2.5319	3.8881	4.2660	1.8928	5.539	1.6314	4.8555	1.00000
3900	2.5583	3.9385	4.2831	1.9262	5.745	1.6801	4.9204	1.00001
4000	2.5835	3.9874	4.2999	1.9617	5.959	1.7306	4.9866	1.00001
4100	2.6076	4.0351	4.3166	2.0023	6.187	1.7831	5.0558	1.00001
4200	2.6305	4.0816	4.3332	2.0415	6.419	1.8374	5.1276	1.00002
4300	2.6525	4.1269	4.3497	2.0738	6.645	1.8936	5.2024	1.00002
4400	2.6738	4.1713	4.3660	2.1051	6.876	1.9517	5.2783	1.00003
4500	2.6942	4.2147	4.3822	2.1355	7.110	2.0119	5.3580	1.00003
4600	2.7141	4.2573	4.3983	2.1635	7.347	2.0744	5.4398	1.00004
4700	2.7334	4.2994	4.4145	2.1904	7.589	2.1395	5.5257	1.00006
4800	2.7523	4.3410	4.4307	2.2170	7.838	2.2076	5.6163	1.00006
4900	2.7708	4.3823	4.4470	2.2428	8.093	2.2789	5.7122	1.00007
5000	2.7889	4.4233	4.4634	2.2560	8.333	2.3539	5.8131	1.00011

S/R= 24.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.8202	-2.2566	2.5428	1.4001	0.605	1.0000	3.4901	1.00000
200	-1.0676	-1.2028	2.8445	1.4001	0.856	0.9998	3.4949	1.00000
300	-0.6272	-0.5864	3.0211	1.4023	1.049	1.0000	3.4989	1.00000
400	-0.3189	-0.1530	3.1470	1.4130	1.216	1.0006	3.5071	1.00000
500	-0.0894	0.1737	3.2449	1.4109	1.359	1.0011	3.5150	1.00000
600	0.1106	0.4530	3.3251	1.3970	1.482	1.0016	3.5232	1.00000
700	0.2800	0.6897	3.3931	1.3486	1.573	1.0023	3.5316	1.00000
800	0.4717	0.9400	3.4555	1.3296	1.671	1.0037	3.5677	1.00000
900	0.6151	1.1352	3.5102	1.3578	1.792	1.0054	3.5974	1.00000
1000	0.7470	1.3138	3.5597	1.3514	1.887	1.0075	3.6282	1.00000
1100	0.8681	1.4772	3.6049	1.3475	1.978	1.0095	3.6602	1.00000
1200	0.9805	1.6285	3.6465	1.3478	2.069	1.0120	3.6924	1.00000
1300	1.0853	1.7699	3.6852	1.3505	2.160	1.0164	3.7257	1.00000
1400	1.1834	1.9024	3.7212	1.3516	2.249	1.0218	3.7594	1.00000
1500	1.2754	2.0269	3.7550	1.3538	2.336	1.0275	3.7924	1.00000
1600	1.3618	2.1440	3.7867	1.3581	2.424	1.0339	3.8247	1.00000
1700	1.4434	2.2550	3.8167	1.3633	2.512	1.0413	3.8569	1.00000
1800	1.5206	2.3606	3.8452	1.3704	2.602	1.0496	3.8896	1.00000
1900	1.5938	2.4611	3.8723	1.3685	2.684	1.0592	3.9225	1.00000
2000	1.6681	2.5623	3.8995	1.3778	2.777	1.0705	3.9668	1.00000
2100	1.7340	2.6543	3.9243	1.4016	2.887	1.0826	4.0000	1.00000
2200	1.7966	2.7424	3.9483	1.4150	2.987	1.0960	4.0350	1.00000
2300	1.8562	2.8272	3.9713	1.4299	3.091	1.1108	4.0695	1.00000
2400	1.9128	2.9086	3.9935	1.4470	3.199	1.1271	4.1051	1.00000
2500	1.9666	2.9870	4.0152	1.4657	3.312	1.1450	4.1425	1.00000
2600	2.0178	3.0624	4.0361	1.4857	3.430	1.1644	4.1799	1.00000
2700	2.0665	3.1354	4.0565	1.5066	3.551	1.1853	4.2181	1.00000
2800	2.1129	3.2058	4.0764	1.5292	3.678	1.2080	4.2586	1.00000
2900	2.1571	3.2739	4.0958	1.5529	3.810	1.2324	4.2997	1.00000

S/R= 24.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3000	2.1992	3.3398	4.1148	1.5788	3.948	1.2586	4.3420	1.00000
3100	2.2393	3.4037	4.1335	1.6061	4.092	1.2862	4.3863	1.00000
3200	2.2775	3.4656	4.1517	1.6330	4.240	1.3156	4.4313	1.00000
3300	2.3140	3.5257	4.1696	1.6607	4.394	1.3470	4.4785	1.00000
3400	2.3488	3.5840	4.1874	1.6890	4.553	1.3802	4.5278	1.00000
3500	2.3821	3.6406	4.2047	1.7200	4.720	1.4153	4.5778	1.00000
3600	2.4138	3.6957	4.2219	1.7542	4.897	1.4521	4.6303	1.00000
3700	2.4440	3.7493	4.2388	1.7870	5.076	1.4904	4.6838	1.00000
3800	2.4729	3.8014	4.2556	1.8176	5.258	1.5306	4.7401	1.00001
3900	2.5006	3.8521	4.2721	1.8486	5.445	1.5725	4.7973	1.00001
4000	2.5270	3.9014	4.2883	1.8794	5.637	1.6162	4.8557	1.00001
4100	2.5524	3.9495	4.3044	1.9103	5.834	1.6616	4.9165	1.00001
4200	2.5767	3.9963	4.3204	1.9414	6.036	1.7087	4.9786	1.00002
4300	2.6001	4.0421	4.3362	1.9783	6.253	1.7577	5.0438	1.00002
4400	2.6225	4.0869	4.3520	2.0156	6.477	1.8086	5.1115	1.00003
4500	2.6441	4.1308	4.3678	2.0454	6.694	1.8616	5.1830	1.00004
4600	2.6651	4.1741	4.3835	2.0725	6.913	1.9167	5.2566	1.00004
4700	2.6856	4.2168	4.3992	2.0984	7.136	1.9745	5.3344	1.00007
4800	2.7056	4.2591	4.4150	2.1239	7.366	2.0351	5.4168	1.00006
4900	2.7253	4.3011	4.4309	2.1486	7.602	2.0989	5.5045	1.00008
5000	2.7446	4.3429	4.4469	2.1613	7.824	2.1662	5.5971	1.00012

S/R= 24.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.9070	-2.3434	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.1544	-1.2897	2.8445	1.4001	0.856	0.9998	3.4950	1.00000
300	-0.7141	-0.6732	3.0211	1.3996	1.048	1.0000	3.4989	1.00000
400	-0.4008	-0.2349	3.1470	1.4126	1.216	1.0006	3.5071	1.00000
500	-0.1757	0.0873	3.2449	1.4154	1.361	1.0010	3.5151	1.00000
600	0.0239	0.3662	3.3251	1.3969	1.481	1.0013	3.5230	1.00000
700	0.1933	0.6029	3.3930	1.3479	1.572	1.0019	3.5313	1.00000
800	0.3852	0.8532	3.4554	1.3286	1.670	1.0031	3.5671	1.00000
900	0.5287	1.0484	3.5101	1.3563	1.791	1.0044	3.5966	1.00000
1000	0.6608	1.2270	3.5595	1.3504	1.885	1.0061	3.6270	1.00000
1100	0.7821	1.3907	3.6048	1.3457	1.975	1.0082	3.6593	1.00000
1200	0.8948	1.5420	3.6463	1.3424	2.063	1.0101	3.6909	1.00000
1300	0.9999	1.6830	3.6848	1.3439	2.151	1.0129	3.7228	1.00000
1400	1.0984	1.8155	3.7208	1.3467	2.240	1.0172	3.7554	1.00000
1500	1.1908	1.9401	3.7545	1.3484	2.325	1.0223	3.7876	1.00000
1600	1.2777	2.0573	3.7860	1.3506	2.410	1.0277	3.8188	1.00000
1700	1.3598	2.1682	3.8159	1.3541	2.495	1.0338	3.8496	1.00000
1800	1.4376	2.2738	3.8442	1.3592	2.580	1.0408	3.8808	1.00000
1900	1.5113	2.3743	3.8711	1.3557	2.658	1.0486	3.9119	1.00000
2000	1.5863	2.4755	3.8981	1.3630	2.746	1.0581	3.9542	1.00000
2100	1.6530	2.5674	3.9226	1.3837	2.849	1.0680	3.9850	1.00000
2200	1.7164	2.6555	3.9464	1.3948	2.942	1.0790	4.0173	1.00000
2300	1.7769	2.7401	3.9691	1.4072	3.039	1.0913	4.0491	1.00000
2400	1.8344	2.8215	3.9910	1.4213	3.139	1.1048	4.0814	1.00000
2500	1.8892	2.8998	4.0123	1.4370	3.243	1.1195	4.1152	1.00000
2600	1.9414	2.9752	4.0329	1.4540	3.351	1.1357	4.1489	1.00000
2700	1.9912	3.0481	4.0529	1.4718	3.462	1.1533	4.1832	1.00000
2800	2.0387	3.1185	4.0724	1.4911	3.577	1.1721	4.2194	1.00000
2900	2.0840	3.1865	4.0914	1.5116	3.697	1.1924	4.2558	1.00000
3000	2.1273	3.2524	4.1099	1.5331	3.821	1.2142	4.2930	1.00000

S/R= 24.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	2.1687	3.3163	4.1281	1.5563	3.952	1.2377	4.3324	1.00000
3200	2.2081	3.3781	4.1458	1.5809	4.087	1.2626	4.3721	1.00000
3300	2.2458	3.4383	4.1633	1.6063	4.227	1.2889	4.4134	1.00000
3400	2.2819	3.4966	4.1805	1.6315	4.370	1.3167	4.4567	1.00000
3500	2.3164	3.5534	4.1973	1.6575	4.519	1.3463	4.5003	1.00000
3600	2.3494	3.6085	4.2140	1.6848	4.674	1.3776	4.5462	1.00000
3700	2.3810	3.6622	4.2303	1.7137	4.836	1.4105	4.5927	1.00000
3800	2.4112	3.7144	4.2465	1.7456	5.006	1.4449	4.6421	1.00001
3900	2.4401	3.7653	4.2625	1.7768	5.180	1.4807	4.6923	1.00001
4000	2.4677	3.8149	4.2782	1.8055	5.354	1.5181	4.7437	1.00001
4100	2.4943	3.8633	4.2938	1.8340	5.533	1.5572	4.7973	1.00001
4200	2.5198	3.9105	4.3092	1.8625	5.717	1.5979	4.8523	1.00002
4300	2.5444	3.9566	4.3246	1.8901	5.904	1.6403	4.9101	1.00002
4400	2.5682	4.0018	4.3397	1.9176	6.096	1.6845	4.9689	1.00003
4500	2.5911	4.0461	4.3549	1.9490	6.300	1.7306	5.0312	1.00004
4600	2.6133	4.0898	4.3700	1.9816	6.512	1.7789	5.0965	1.00005
4700	2.6350	4.1331	4.3853	2.0094	6.722	1.8297	5.1665	1.00007
4800	2.6562	4.1759	4.4007	2.0339	6.934	1.8832	5.2410	1.00007
4900	2.6770	4.2186	4.4162	2.0578	7.152	1.9398	5.3209	1.00009
5000	2.6976	4.2612	4.4318	2.0700	7.357	1.9998	5.4056	1.00013

S/R= 24.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-1.9939	-2.4303	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.2413	-1.3765	2.8445	1.4001	0.856	0.9999	3.4950	1.00000
300	-0.8009	-0.7600	3.0211	1.3992	1.048	1.0000	3.4989	1.00000
400	-0.4869	-0.3210	3.1470	1.4086	1.214	1.0005	3.5071	1.00000
500	-0.2574	0.0056	3.2449	1.4163	1.361	1.0009	3.5152	1.00000
600	-0.0632	0.2790	3.3251	1.4021	1.484	1.0012	3.5230	1.00000
700	0.1067	0.5161	3.3930	1.3469	1.571	1.0016	3.5310	1.00000
800	0.2986	0.7664	3.4554	1.3278	1.669	1.0025	3.5667	1.00000
900	0.4423	0.9617	3.5101	1.3551	1.789	1.0036	3.5960	1.00000
1000	0.5745	1.1402	3.5594	1.3488	1.883	1.0050	3.6260	1.00000
1100	0.6960	1.3039	3.6046	1.3447	1.973	1.0067	3.6580	1.00000
1200	0.8089	1.4554	3.6462	1.3401	2.060	1.0087	3.6899	1.00000
1300	0.9143	1.5964	3.6846	1.3382	2.144	1.0107	3.7210	1.00000
1400	1.0131	1.7286	3.7204	1.3403	2.230	1.0136	3.7522	1.00000
1500	1.1058	1.8532	3.7540	1.3435	2.316	1.0178	3.7835	1.00000
1600	1.1931	1.9705	3.7855	1.3451	2.399	1.0226	3.8139	1.00000
1700	1.2756	2.0814	3.8152	1.3466	2.480	1.0277	3.8436	1.00000
1800	1.3538	2.1870	3.8434	1.3502	2.563	1.0334	3.8736	1.00000
1900	1.4231	2.2875	3.8702	1.3449	2.636	1.0399	3.9032	1.00000
2000	1.5038	2.3886	3.8969	1.3506	2.720	1.0477	3.9436	1.00000
2100	1.5711	2.4805	3.9213	1.3694	2.818	1.0559	3.9726	1.00000
2200	1.6352	2.5685	3.9448	1.3779	2.906	1.0650	4.0028	1.00000
2300	1.6964	2.6532	3.9673	1.3880	2.996	1.0751	4.0321	1.00000
2400	1.7547	2.7345	3.9889	1.3999	3.089	1.0863	4.0619	1.00000
2500	1.8103	2.8127	4.0100	1.4129	3.185	1.0986	4.0929	1.00000
2600	1.8634	2.8880	4.0302	1.4269	3.284	1.1119	4.1234	1.00000
2700	1.9142	2.9608	4.0499	1.4419	3.386	1.1264	4.1543	1.00000
2800	1.9627	3.0312	4.0691	1.4585	3.493	1.1422	4.1869	1.00000
2900	2.0090	3.0992	4.0877	1.4760	3.602	1.1592	4.2195	1.00000
3000	2.0534	3.1650	4.1058	1.4944	3.715	1.1774	4.2526	1.00000
3100	2.0958	3.2289	4.1236	1.5142	3.833	1.1968	4.2875	1.00000

S/R= 24.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	2.1364	3.2907	4.1409	1.5347	3.955	1.2177	4.3225	1.00000
3300	2.1753	3.3509	4.1579	1.5565	4.081	1.2401	4.3591	1.00000
3400	2.2125	3.4092	4.1747	1.5797	4.213	1.2636	4.3974	1.00000
3500	2.2482	3.4661	4.1910	1.6036	4.349	1.2885	4.4356	1.00000
3600	2.2824	3.5213	4.2072	1.6278	4.489	1.3147	4.4758	1.00000
3700	2.3152	3.5750	4.2230	1.6523	4.633	1.3425	4.5165	1.00000
3800	2.3466	3.6274	4.2387	1.6775	4.782	1.3718	4.5597	1.00001
3900	2.3768	3.6784	4.2542	1.7042	4.937	1.4025	4.6036	1.00001
4000	2.4057	3.7281	4.2694	1.7339	5.101	1.4346	4.6485	1.00001
4100	2.4335	3.7767	4.2845	1.7632	5.268	1.4680	4.6957	1.00002
4200	2.4602	3.8242	4.2994	1.7898	5.435	1.5029	4.7442	1.00002
4300	2.4859	3.8706	4.3143	1.8154	5.606	1.5394	4.7953	1.00002
4400	2.5108	3.9161	4.3290	1.8407	5.780	1.5775	4.8473	1.00003
4500	2.5349	3.9608	4.3437	1.8656	5.959	1.6175	4.9028	1.00004
4600	2.5584	4.0048	4.3583	1.8886	6.140	1.6594	4.9601	1.00005
4700	2.5814	4.0485	4.3729	1.9123	6.328	1.7036	5.0215	1.00008
4800	2.6039	4.0918	4.3877	1.9416	6.531	1.7504	5.0875	1.00008
4900	2.6260	4.1351	4.4028	1.9698	6.741	1.8002	5.1598	1.00010
5000	2.6477	4.1783	4.4180	1.9815	6.929	1.8532	5.2368	1.00014

S/R= 25.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.0808	-2.5172	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.3282	-1.4634	2.8445	1.4001	0.856	0.9999	3.4951	1.00000
300	-0.8877	-0.8468	3.0211	1.3994	1.048	1.0000	3.4989	1.00000
400	-0.5742	-0.4083	3.1470	1.4029	1.212	1.0004	3.5071	1.00000
500	-0.3367	-0.0737	3.2449	1.4157	1.361	1.0008	3.5153	1.00000
600	-0.1499	0.1923	3.3251	1.4104	1.488	1.0011	3.5231	1.00000
700	0.0200	0.4292	3.3930	1.3463	1.571	1.0013	3.5308	1.00000
800	0.2120	0.6795	3.4553	1.3271	1.668	1.0021	3.5663	1.00000
900	0.3557	0.8748	3.5100	1.3541	1.788	1.0029	3.5955	1.00000
1000	0.4881	1.0534	3.5593	1.3474	1.881	1.0041	3.6252	1.00000
1100	0.6097	1.2171	3.6045	1.3431	1.971	1.0055	3.6568	1.00000
1200	0.7228	1.3687	3.6461	1.3389	2.057	1.0072	3.6887	1.00000
1300	0.8284	1.5099	3.6845	1.3354	2.140	1.0091	3.7199	1.00000
1400	0.9275	1.6420	3.7202	1.3346	2.223	1.0111	3.7502	1.00000
1500	1.0205	1.7663	3.7536	1.3374	2.306	1.0140	3.7802	1.00000
1600	1.1081	1.8835	3.7850	1.3403	2.389	1.0180	3.8097	1.00000
1700	1.1909	1.9946	3.8146	1.3412	2.469	1.0225	3.8387	1.00000
1800	1.2696	2.1001	3.8427	1.3429	2.548	1.0273	3.8675	1.00000
1900	1.3443	2.2006	3.8694	1.3362	2.618	1.0327	3.8960	1.00000
2000	1.4205	2.3018	3.8960	1.3403	2.699	1.0392	3.9350	1.00000
2100	1.4883	2.3936	3.9202	1.3573	2.792	1.0459	3.9624	1.00000
2200	1.5530	2.4816	3.9435	1.3642	2.875	1.0535	3.9909	1.00000
2300	1.6148	2.5662	3.9658	1.3721	2.960	1.0619	4.0183	1.00000
2400	1.6738	2.6475	3.9872	1.3816	3.047	1.0710	4.0459	1.00000
2500	1.7302	2.7257	4.0080	1.3926	3.137	1.0811	4.0745	1.00000
2600	1.7841	2.8009	4.0280	1.4044	3.229	1.0922	4.1025	1.00000
2700	1.8356	2.8737	4.0474	1.4166	3.323	1.1042	4.1305	1.00000
2800	1.8850	2.9440	4.0663	1.4305	3.421	1.1173	4.1600	1.00000
2900	1.9323	3.0119	4.0845	1.4454	3.522	1.1314	4.1894	1.00000
3000	1.9776	3.0777	4.1023	1.4611	3.625	1.1467	4.2191	1.00000
3100	2.0210	3.1415	4.1198	1.4782	3.733	1.1630	4.2503	1.00000
3200	2.0626	3.2034	4.1367	1.4957	3.844	1.1803	4.2814	1.00000

S/R= 25.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	2.1025	3.2635	4.1534	1.5141	3.958	1.1989	4.3138	1.00000
3400	2.1408	3.3219	4.1697	1.5334	4.076	1.2187	4.3477	1.00000
3500	2.1777	3.3787	4.1857	1.5541	4.199	1.2398	4.3815	1.00000
3600	2.2130	3.4340	4.2014	1.5764	4.328	1.2621	4.4170	1.00000
3700	2.2469	3.4878	4.2168	1.5989	4.459	1.2854	4.4527	1.00001
3800	2.2794	3.5402	4.2321	1.6214	4.594	1.3100	4.4907	1.00001
3900	2.3107	3.5913	4.2471	1.6444	4.733	1.3360	4.5292	1.00001
4000	2.3408	3.6411	4.2618	1.6677	4.877	1.3633	4.5685	1.00001
4100	2.3698	3.6899	4.2765	1.6914	5.024	1.3919	4.6098	1.00002
4200	2.3977	3.7375	4.2909	1.7187	5.181	1.4220	4.6522	1.00002
4300	2.4246	3.7841	4.3053	1.7458	5.341	1.4532	4.6974	1.00003
4400	2.4507	3.8299	4.3195	1.7695	5.500	1.4859	4.7433	1.00004
4500	2.4759	3.8748	4.3338	1.7924	5.663	1.5202	4.7925	1.00005
4600	2.5005	3.9192	4.3479	1.8135	5.827	1.5564	4.8435	1.00006
4700	2.5246	3.9632	4.3621	1.8338	5.995	1.5947	4.8982	1.00008
4800	2.5484	4.0070	4.3765	1.8539	6.169	1.6353	4.9572	1.00009
4900	2.5718	4.0507	4.3910	1.8739	6.349	1.6787	5.0211	1.00012
5000	2.5950	4.0944	4.4057	1.8844	6.519	1.7250	5.0897	1.00015

S/R= 25.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.1676	-2.6040	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.4150	-1.5502	2.8445	1.4001	0.856	0.9999	3.4952	1.00000
300	-0.9745	-0.9336	3.0211	1.3994	1.048	1.0000	3.4990	1.00000
400	-0.6612	-0.4954	3.1470	1.3984	1.210	1.0004	3.5071	1.00000
500	-0.4174	-0.1545	3.2449	1.4138	1.360	1.0007	3.5154	1.00000
600	-0.2351	0.1071	3.3251	1.4176	1.492	1.0011	3.5232	1.00000
700	-0.0670	0.3423	3.3930	1.3473	1.571	1.0012	3.5308	1.00000
800	0.1253	0.5927	3.4553	1.3262	1.667	1.0017	3.5660	1.00000
900	0.2692	0.7880	3.5099	1.3534	1.787	1.0024	3.5950	1.00000
1000	0.4016	0.9666	3.5593	1.3463	1.879	1.0033	3.6246	1.00000
1100	0.5234	1.1303	3.6044	1.3417	1.969	1.0045	3.6559	1.00000
1200	0.6366	1.2819	3.6459	1.3374	2.055	1.0059	3.6875	1.00000
1300	0.7424	1.4232	3.6843	1.3339	2.138	1.0076	3.7186	1.00000
1400	0.8417	1.5554	3.7200	1.3313	2.218	1.0094	3.7489	1.00000
1500	0.9350	1.6796	3.7534	1.3317	2.299	1.0115	3.7780	1.00000
1600	1.0228	1.7966	3.7846	1.3344	2.380	1.0143	3.8064	1.00000
1700	1.1059	1.9077	3.8142	1.3364	2.459	1.0180	3.8345	1.00000
1800	1.1849	2.0133	3.8422	1.3376	2.537	1.0222	3.8627	1.00000
1900	1.2600	2.1138	3.8687	1.3291	2.604	1.0267	3.8900	1.00000
2000	1.3366	2.2149	3.8952	1.3319	2.681	1.0321	3.9278	1.00000
2100	1.4049	2.3068	3.9193	1.3473	2.771	1.0377	3.9540	1.00000
2200	1.4700	2.3947	3.9424	1.3525	2.850	1.0439	3.9811	1.00000
2300	1.5324	2.4793	3.9645	1.3591	2.931	1.0508	4.0069	1.00000
2400	1.5920	2.5605	3.9858	1.3668	3.013	1.0585	4.0328	1.00000
2500	1.6490	2.6387	4.0064	1.3754	3.097	1.0668	4.0594	1.00000
2600	1.7035	2.7139	4.0262	1.3852	3.183	1.0759	4.0852	1.00000
2700	1.7558	2.7866	4.0453	1.3956	3.271	1.0859	4.1109	1.00000
2800	1.8059	2.8568	4.0640	1.4071	3.362	1.0968	4.1380	1.00000
2900	1.8540	2.9247	4.0820	1.4192	3.454	1.1084	4.1646	1.00000
3000	1.9001	2.9905	4.0995	1.4326	3.549	1.1210	4.1913	1.00000
3100	1.9444	3.0542	4.1166	1.4472	3.648	1.1346	4.2195	1.00000
3200	1.9869	3.1161	4.1333	1.4622	3.750	1.1492	4.2474	1.00000
3300	2.0278	3.1762	4.1496	1.4779	3.854	1.1647	4.2763	1.00000

S/R= 25.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	2.0671	3.2345	4.1656	1.4945	3.962	1.1812	4.3064	1.00000
3500	2.1049	3.2914	4.1812	1.5120	4.073	1.1988	4.3363	1.00000
3600	2.1412	3.3467	4.1966	1.5305	4.188	1.2175	4.3678	1.00000
3700	2.1762	3.4005	4.2116	1.5499	4.308	1.2374	4.3993	1.00001
3800	2.2098	3.4530	4.2265	1.5707	4.432	1.2582	4.4330	1.00001
3900	2.2422	3.5042	4.2411	1.5919	4.559	1.2801	4.4668	1.00001
4000	2.2733	3.5541	4.2554	1.6125	4.688	1.3030	4.5013	1.00001
4100	2.3034	3.6029	4.2696	1.6336	4.821	1.3273	4.5377	1.00002
4200	2.3324	3.6506	4.2836	1.6549	4.959	1.3527	4.5749	1.00002
4300	2.3605	3.6974	4.2976	1.6760	5.099	1.3795	4.6146	1.00003
4400	2.3877	3.7433	4.3114	1.6989	5.246	1.4077	4.6549	1.00004
4500	2.4141	3.7885	4.3252	1.7230	5.398	1.4371	4.6984	1.00006
4600	2.4398	3.8331	4.3389	1.7439	5.549	1.4681	4.7436	1.00006
4700	2.4651	3.8774	4.3527	1.7626	5.702	1.5011	4.7924	1.00009
4800	2.4900	3.9215	4.3666	1.7807	5.860	1.5361	4.8452	1.00010
4900	2.5146	3.9656	4.3806	1.7984	6.022	1.5737	4.9028	1.00013
5000	2.5390	4.0097	4.3949	1.8076	6.176	1.6140	4.9648	1.00016

S/R= 25.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.2545	-2.6909	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.5019	-1.6370	2.8445	1.4001	0.856	0.9999	3.4952	1.00000
300	-1.0614	-1.0205	3.0211	1.3994	1.048	1.0000	3.4990	1.00000
400	-0.7481	-0.5822	3.1470	1.3972	1.209	1.0004	3.5071	1.00000
500	-0.5026	-0.2398	3.2449	1.4102	1.358	1.0006	3.5154	1.00000
600	-0.3183	0.0239	3.3251	1.4198	1.493	1.0010	3.5232	1.00000
700	-0.1540	0.2553	3.3930	1.3505	1.573	1.0012	3.5309	1.00000
800	0.0386	0.5059	3.4552	1.3253	1.666	1.0014	3.5657	1.00000
900	0.1825	0.7012	3.5099	1.3527	1.786	1.0020	3.5947	1.00000
1000	0.3150	0.8798	3.5592	1.3455	1.878	1.0027	3.6241	1.00000
1100	0.4369	1.0435	3.6043	1.3405	1.967	1.0037	3.6553	1.00000
1200	0.5503	1.1951	3.6458	1.3359	2.052	1.0048	3.6865	1.00000
1300	0.6562	1.3364	3.6842	1.3325	2.135	1.0062	3.7174	1.00000
1400	0.7556	1.4688	3.7199	1.3297	2.215	1.0079	3.7477	1.00000
1500	0.8492	1.5930	3.7532	1.3282	2.294	1.0096	3.7766	1.00000
1600	0.9372	1.7099	3.7844	1.3288	2.372	1.0116	3.8041	1.00000
1700	1.0206	1.8208	3.8138	1.3307	2.450	1.0143	3.8312	1.00000
1800	1.0998	1.9264	3.8417	1.3328	2.527	1.0178	3.8585	1.00000
1900	1.1752	2.0269	3.8682	1.3239	2.592	1.0217	3.8852	1.00000
2000	1.2522	2.1280	3.8945	1.3251	2.667	1.0262	3.9220	1.00000
2100	1.3209	2.2199	3.9185	1.3392	2.753	1.0309	3.9471	1.00000
2200	1.3864	2.3078	3.9415	1.3431	2.829	1.0361	3.9730	1.00000
2300	1.4493	2.3924	3.9635	1.3480	2.906	1.0418	3.9975	1.00000
2400	1.5094	2.4735	3.9846	1.3544	2.985	1.0481	4.0219	1.00000
2500	1.5669	2.5517	4.0051	1.3616	3.064	1.0550	4.0470	1.00000
2600	1.6220	2.6269	4.0247	1.3692	3.145	1.0625	4.0711	1.00000
2700	1.6749	2.6995	4.0436	1.3775	3.227	1.0707	4.0948	1.00000
2800	1.7257	2.7697	4.0620	1.3874	3.312	1.0797	4.1198	1.00000
2900	1.7744	2.8375	4.0798	1.3976	3.398	1.0894	4.1442	1.00000
3000	1.8212	2.9033	4.0971	1.4085	3.486	1.0999	4.1685	1.00000
3100	1.8663	2.9670	4.1140	1.4206	3.577	1.1111	4.1940	1.00000
3200	1.9096	3.0288	4.1304	1.4333	3.670	1.1232	4.2191	1.00000
3300	1.9513	3.0889	4.1464	1.4468	3.766	1.1362	4.2452	1.00000
3400	1.9914	3.1472	4.1621	1.4611	3.865	1.1501	4.2723	1.00000

S/R= 25.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	2.0301	3.2041	4.1774	1.4760	3.967	1.1647	4.2989	1.00000
3600	2.0674	3.2593	4.1925	1.4918	4.071	1.1803	4.3269	1.00000
3700	2.1033	3.3132	4.2072	1.5083	4.179	1.1968	4.3547	1.00001
3800	2.1379	3.3657	4.2217	1.5255	4.290	1.2144	4.3846	1.00001
3900	2.1713	3.4169	4.2360	1.5434	4.405	1.2329	4.4146	1.00001
4000	2.2035	3.4669	4.2499	1.5625	4.524	1.2525	4.4451	1.00002
4100	2.2346	3.5158	4.2638	1.5822	4.647	1.2729	4.4771	1.00002
4200	2.2646	3.5637	4.2774	1.6012	4.771	1.2943	4.5099	1.00002
4300	2.2937	3.6105	4.2910	1.6196	4.897	1.3170	4.5450	1.00003
4400	2.3220	3.6566	4.3044	1.6382	5.027	1.3408	4.5805	1.00005
4500	2.3495	3.7019	4.3178	1.6565	5.160	1.3660	4.6189	1.00006
4600	2.3764	3.7466	4.3310	1.6737	5.295	1.3927	4.6588	1.00007
4700	2.4028	3.7911	4.3444	1.6935	5.438	1.4210	4.7021	1.00010
4800	2.4288	3.8355	4.3579	1.7128	5.585	1.4511	4.7494	1.00011
4900	2.4546	3.8798	4.3715	1.7288	5.732	1.4834	4.8012	1.00014
5000	2.4802	3.9243	4.3854	1.7370	5.872	1.5182	4.8571	1.00018

S/R= 25.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.3413	-2.7777	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.5887	-1.7239	2.8445	1.4001	0.856	0.9999	3.4953	1.00000
300	-1.1482	-1.1073	3.0211	1.3994	1.048	1.0000	3.4990	1.00000
400	-0.8349	-0.6690	3.1470	1.3970	1.209	1.0003	3.5072	1.00000
500	-0.5893	-0.3264	3.2450	1.4055	1.356	1.0006	3.5155	1.00000
600	-0.4003	-0.0581	3.3251	1.4210	1.494	1.0008	3.5232	1.00000
700	-0.2417	0.1675	3.3930	1.3554	1.576	1.0011	3.5310	1.00000
800	-0.0482	0.4191	3.4552	1.3239	1.665	1.0013	3.5657	1.00000
900	0.0958	0.6143	3.5099	1.3517	1.785	1.0016	3.5943	1.00000
1000	0.2284	0.7930	3.5592	1.3448	1.877	1.0022	3.6237	1.00000
1100	0.3504	0.9566	3.6042	1.3395	1.966	1.0030	3.6547	1.00000
1200	0.4638	1.1083	3.6457	1.3346	2.050	1.0039	3.6857	1.00000
1300	0.5699	1.2496	3.6841	1.3309	2.132	1.0051	3.7164	1.00000
1400	0.6695	1.3820	3.7197	1.3283	2.212	1.0065	3.7464	1.00000
1500	0.7632	1.5064	3.7530	1.3265	2.290	1.0081	3.7753	1.00000
1600	0.8514	1.6233	3.7842	1.3253	2.366	1.0098	3.8026	1.00000
1700	0.9350	1.7341	3.8135	1.3254	2.441	1.0117	3.8290	1.00000
1800	1.0145	1.8395	3.8413	1.3272	2.517	1.0142	3.8553	1.00000
1900	1.0901	1.9400	3.8677	1.3192	2.582	1.0175	3.8812	1.00000
2000	1.1674	2.0412	3.8940	1.3200	2.655	1.0213	3.9172	1.00000
2100	1.2364	2.1330	3.9179	1.3326	2.739	1.0253	3.9415	1.00000
2200	1.3023	2.2209	3.9408	1.3354	2.812	1.0296	3.9664	1.00000
2300	1.3655	2.3054	3.9627	1.3392	2.886	1.0343	3.9898	1.00000
2400	1.4260	2.3866	3.9837	1.3440	2.961	1.0395	4.0130	1.00000
2500	1.4840	2.4647	4.0040	1.3498	3.037	1.0452	4.0367	1.00000
2600	1.5395	2.5399	4.0234	1.3563	3.114	1.0514	4.0594	1.00000
2700	1.5929	2.6125	4.0422	1.3629	3.191	1.0583	4.0817	1.00000
2800	1.6443	2.6827	4.0605	1.3705	3.270	1.0656	4.1048	1.00000
2900	1.6936	2.7505	4.0781	1.3791	3.351	1.0736	4.1273	1.00000
3000	1.7411	2.8162	4.0951	1.3884	3.433	1.0823	4.1497	1.00000
3100	1.7868	2.8799	4.1118	1.3985	3.518	1.0917	4.1731	1.00000
3200	1.8308	2.9416	4.1280	1.4088	3.604	1.1017	4.1959	1.00000
3300	1.8733	3.0016	4.1438	1.4201	3.692	1.1124	4.2194	1.00000
3400	1.9142	3.0600	4.1592	1.4322	3.783	1.1239	4.2439	1.00000
3500	1.9537	3.1168	4.1743	1.4449	3.876	1.1362	4.2678	1.00000

S/R= 25.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	1.9917	3.1721	4.1891	1.4586	3.973	1.1493	4.2930	1.00000
3700	2.0285	3.2259	4.2035	1.4726	4.071	1.1631	4.3178	1.00001
3800	2.0640	3.2785	4.2177	1.4874	4.172	1.1777	4.3443	1.00001
3900	2.0982	3.3297	4.2316	1.5028	4.276	1.1932	4.3710	1.00001
4000	2.1313	3.3797	4.2453	1.5183	4.383	1.2096	4.3979	1.00002
4100	2.1634	3.4287	4.2588	1.5346	4.493	1.2270	4.4264	1.00002
4200	2.1945	3.4765	4.2721	1.5521	4.607	1.2452	4.4555	1.00003
4300	2.2245	3.5235	4.2854	1.5694	4.723	1.2643	4.4866	1.00004
4400	2.2538	3.5696	4.2984	1.5860	4.841	1.2845	4.5179	1.00005
4500	2.2823	3.6151	4.3114	1.6019	4.961	1.3057	4.5520	1.00007
4600	2.3101	3.6599	4.3243	1.6164	5.082	1.3283	4.5873	1.00008
4700	2.3376	3.7046	4.3373	1.6303	5.206	1.3525	4.6259	1.00011
4800	2.3648	3.7491	4.3504	1.6443	5.334	1.3783	4.6680	1.00013
4900	2.3918	3.7937	4.3636	1.6603	5.469	1.4062	4.7145	1.00016
5000	2.4186	3.8384	4.3770	1.6698	5.599	1.4361	4.7650	1.00019

37

S/R= 25.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.4282	-2.8646	2.5428	1.4003	0.605	1.0000	3.4901	1.00000
200	-1.6756	-1.8107	2.8445	1.4001	0.856	0.9999	3.4953	1.00000
300	-1.2351	-1.1941	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-0.9217	-0.7559	3.1470	1.3969	1.209	1.0003	3.5072	1.00000
500	-0.6760	-0.4132	3.2450	1.3991	1.353	1.0005	3.5155	1.00000
600	-0.4802	-0.1381	3.3251	1.4218	1.494	1.0007	3.5232	1.00000
700	-0.3291	0.0800	3.3930	1.3628	1.580	1.0010	3.5310	1.00000
800	-0.1350	0.3323	3.4552	1.3230	1.665	1.0012	3.5658	1.00000
900	0.0091	0.5275	3.5098	1.3506	1.784	1.0013	3.5941	1.00000
1000	0.1418	0.7061	3.5591	1.3441	1.877	1.0018	3.6233	1.00000
1100	0.2638	0.8698	3.6042	1.3388	1.965	1.0025	3.6542	1.00000
1200	0.3773	1.0215	3.6456	1.3336	2.049	1.0032	3.6851	1.00000
1300	0.4835	1.1628	3.6840	1.3296	2.130	1.0042	3.7156	1.00000
1400	0.5831	1.2951	3.7196	1.3267	2.210	1.0053	3.7453	1.00000
1500	0.6770	1.4196	3.7529	1.3251	2.287	1.0066	3.7740	1.00000
1600	0.7654	1.5367	3.7841	1.3236	2.363	1.0082	3.8013	1.00000
1700	0.8492	1.6475	3.8133	1.3220	2.436	1.0098	3.8274	1.00000
1800	0.9289	1.7528	3.8411	1.3221	2.509	1.0117	3.8531	1.00000
1900	1.0047	1.8531	3.8674	1.3138	2.573	1.0140	3.8781	1.00000
2000	1.0823	1.9543	3.8936	1.3152	2.645	1.0172	3.9133	1.00000
2100	1.1515	2.0461	3.9174	1.3277	2.728	1.0205	3.9368	1.00000
2200	1.2177	2.1340	3.9402	1.3293	2.799	1.0242	3.9610	1.00000
2300	1.2812	2.2185	3.9620	1.3318	2.870	1.0281	3.9835	1.00000
2400	1.3420	2.2997	3.9829	1.3357	2.942	1.0324	4.0057	1.00000
2500	1.4004	2.3778	4.0031	1.3402	3.014	1.0372	4.0284	1.00000
2600	1.4564	2.4529	4.0224	1.3451	3.087	1.0423	4.0498	1.00000
2700	1.5102	2.5255	4.0410	1.3507	3.161	1.0479	4.0707	1.00000
2800	1.5621	2.5956	4.0592	1.3572	3.236	1.0540	4.0925	1.00000
2900	1.6119	2.6634	4.0766	1.3639	3.312	1.0607	4.1135	1.00000
3000	1.6599	2.7291	4.0935	1.3712	3.389	1.0678	4.1342	1.00000
3100	1.7062	2.7928	4.1100	1.3797	3.468	1.0755	4.1558	1.00000
3200	1.7508	2.8545	4.1260	1.3886	3.549	1.0838	4.1767	1.00000
3300	1.7938	2.9145	4.1416	1.3979	3.631	1.0928	4.1983	1.00000
3400	1.8354	2.9728	4.1568	1.4078	3.714	1.1023	4.2205	1.00000
3500	1.8756	3.0296	4.1716	1.4183	3.800	1.1125	4.2420	1.00000
3600	1.9144	3.0848	4.1862	1.4299	3.889	1.1233	4.2647	1.00000

3.9911 4.0417 4.0996

S/R= 25.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	1.9519	3.1387	4.2004	1.4419	3.979	1.1349	4.2870	1.00001
3800	1.9882	3.1912	4.2144	1.4546	4.072	1.1472	4.3110	1.00001
3900	2.0233	3.2425	4.2280	1.4677	4.167	1.1602	4.3348	1.00001
4000	2.0572	3.2925	4.2414	1.4810	4.264	1.1738	4.3586	1.00002
4100	2.0901	3.3415	4.2547	1.4950	4.364	1.1883	4.3840	1.00002
4200	2.1220	3.3894	4.2677	1.5093	4.467	1.2036	4.4098	1.00003
4300	2.1530	3.4364	4.2806	1.5232	4.571	1.2198	4.4375	1.00004
4400	2.1832	3.4826	4.2933	1.5378	4.678	1.2370	4.4654	1.00006
4500	2.2126	3.5281	4.3060	1.5527	4.789	1.2550	4.4958	1.00008
4600	2.2415	3.5731	4.3186	1.5658	4.899	1.2740	4.5272	1.00009
4700	2.2699	3.6178	4.3312	1.5775	5.010	1.2945	4.5616	1.00012
4800	2.2981	3.6625	4.3439	1.5890	5.124	1.3164	4.5994	1.00014
4900	2.3262	3.7072	4.3568	1.6005	5.242	1.3400	4.6413	1.00018
5000	2.3542	3.7522	4.3698	1.3430	4.897	1.3657	4.6868	1.00021
5100	2.3687	3.7643	4.3722	1.3109	4.825	1.3319	4.6194	1.00026
5200	2.3925	3.8025	4.3832	1.6003	5.420	1.3500	4.6468	1.00031

S/R= 26.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.5150	-2.9514	2.5428	1.4003	0.605	1.0000	3.4901	1.00000
200	-1.7624	-1.8976	2.8445	1.4001	0.856	1.0000	3.4954	1.00000
300	-1.3219	-1.2810	3.0211	1.3992	1.048	1.0000	3.4990	1.00000
400	-1.0086	-0.8427	3.1470	1.3969	1.209	1.0003	3.5072	1.00000
500	-0.7629	-0.5001	3.2450	1.3934	1.350	1.0005	3.5155	1.00000
600	-0.5607	-0.2186	3.3251	1.4175	1.492	1.0007	3.5232	1.00000
700	-0.4125	-0.0034	3.3930	1.3698	1.584	1.0009	3.5310	1.00000
800	-0.2218	0.2455	3.4553	1.3266	1.667	1.0012	3.5658	1.00000
900	-0.0777	0.4407	3.5098	1.3499	1.784	1.0013	3.5941	1.00000
1000	0.0551	0.6193	3.5591	1.3430	1.875	1.0015	3.6231	1.00000
1100	0.1771	0.7830	3.6041	1.3381	1.964	1.0020	3.6538	1.00000
1200	0.2907	0.9347	3.6456	1.3327	2.048	1.0026	3.6846	1.00000
1300	0.3970	1.0760	3.6839	1.3285	2.129	1.0034	3.7149	1.00000
1400	0.4967	1.2083	3.7195	1.3253	2.207	1.0043	3.7444	1.00000
1500	0.5907	1.3327	3.7528	1.3234	2.285	1.0054	3.7729	1.00000
1600	0.6793	1.4499	3.7839	1.3221	2.360	1.0067	3.8001	1.00000
1700	0.7632	1.5608	3.8132	1.3203	2.433	1.0082	3.8261	1.00000
1800	0.8431	1.6662	3.8409	1.3189	2.504	1.0098	3.8515	1.00000
1900	0.9191	1.7665	3.8671	1.3090	2.565	1.0115	3.8759	1.00000
2000	0.9918	1.8674	3.8932	1.3101	2.636	1.0138	3.9103	1.00000
2100	1.0613	1.9592	3.9170	1.3228	2.717	1.0166	3.9331	1.00000
2200	1.1327	2.0472	3.9397	1.3245	2.787	1.0196	3.9566	1.00000
2300	1.1965	2.1317	3.9614	1.3261	2.856	1.0230	3.9784	1.00000
2400	1.2576	2.2128	3.9822	1.3286	2.926	1.0266	3.9997	1.00000
2500	1.3163	2.2909	4.0023	1.3323	2.996	1.0305	4.0215	1.00000
2600	1.3726	2.3660	4.0216	1.3363	3.066	1.0347	4.0419	1.00000
2700	1.4268	2.4386	4.0401	1.3404	3.136	1.0394	4.0618	1.00000
2800	1.4791	2.5087	4.0581	1.3456	3.208	1.0444	4.0824	1.00000
2900	1.5293	2.5764	4.0754	1.3514	3.280	1.0499	4.1022	1.00000
3000	1.5778	2.6421	4.0922	1.3573	3.353	1.0559	4.1215	1.00000
3100	1.6245	2.7057	4.1085	1.3640	3.427	1.0622	4.1416	1.00000
3200	1.6696	2.7674	4.1243	1.3711	3.502	1.0691	4.1609	1.00000
3300	1.7133	2.8274	4.1398	1.3790	3.579	1.0764	4.1807	1.00000
3400	1.7554	2.8856	4.1549	1.3875	3.657	1.0844	4.2012	1.00000
3500	1.7962	2.9424	4.1695	1.3961	3.737	1.0929	4.2209	1.00000

S/R= 26.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	1.8356	2.9977	4.1838	1.4056	3.818	1.1019	4.2415	1.00001
3700	1.8738	3.0515	4.1978	1.4157	3.902	1.1114	4.2615	1.00001
3800	1.9107	3.1040	4.2116	1.4263	3.987	1.1216	4.2832	1.00001
3900	1.9465	3.1553	4.2250	1.4375	4.075	1.1325	4.3046	1.00001
4000	1.9812	3.2053	4.2382	1.4489	4.164	1.1440	4.3261	1.00002
4100	2.0149	3.2543	4.2512	1.4608	4.255	1.1562	4.3488	1.00003
4200	2.0476	3.3022	4.2639	1.4729	4.349	1.1689	4.3718	1.00004
4300	2.0794	3.3493	4.2766	1.4848	4.443	1.1824	4.3966	1.00005
4400	2.1104	3.3955	4.2890	1.4968	4.540	1.1968	4.4214	1.00007
4500	2.1407	3.4410	4.3014	1.5084	4.638	1.2120	4.4485	1.00008
4600	2.1704	3.4861	4.3137	1.5189	4.737	1.2282	4.4767	1.00010
4700	2.1999	3.5309	4.3260	1.5294	4.839	1.2456	4.5077	1.00013
4800	2.2290	3.5757	4.3385	1.5400	4.943	1.2641	4.5417	1.00016
4900	2.2581	3.6206	4.3510	1.5495	5.049	1.2841	4.5795	1.00019
5000	2.2871	3.6657	4.3637	1.4023	4.893	1.3058	4.6209	1.00024
5100	2.3007	3.6804	4.3672	1.3884	4.876	1.2839	4.5668	1.00029
5200	2.3254	3.7188	4.3780	1.5648	5.259	1.2999	4.5918	1.00035
5300	2.3496	3.7568	4.3887	1.5755	5.362	1.3165	4.6178	1.00041
5400	2.3732	3.7942	4.3994	1.5871	5.467	1.3336	4.6447	1.00048
5500	2.3963	3.8310	4.4099	1.5932	5.564	1.3512	4.6723	1.00055

S/R= 26.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.6019	-3.0383	2.5428	1.4002	0.605	1.0000	3.4901	1.00000
200	-1.8492	-1.9844	2.8445	1.4001	0.856	1.0000	3.4954	1.00000
300	-1.4088	-1.3678	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-1.0954	-0.9295	3.1470	1.3969	1.209	1.0002	3.5072	1.00000
500	-0.8498	-0.5870	3.2450	1.3906	1.349	1.0004	3.5155	1.00000
600	-0.6443	-0.3023	3.3251	1.4027	1.484	1.0006	3.5232	1.00000
700	-0.4866	-0.0775	3.3930	1.3729	1.586	1.0008	3.5310	1.00000
800	-0.3085	0.1587	3.4552	1.3399	1.675	1.0011	3.5658	1.00000
900	-0.1645	0.3540	3.5098	1.3500	1.784	1.0013	3.5942	1.00000
1000	-0.0316	0.5325	3.5590	1.3418	1.874	1.0012	3.6228	1.00000
1100	0.0904	0.6961	3.6041	1.3374	1.963	1.0016	3.6535	1.00000
1200	0.2041	0.8478	3.6455	1.3321	2.047	1.0022	3.6842	1.00000
1300	0.3104	0.9892	3.6838	1.3277	2.127	1.0028	3.7144	1.00000
1400	0.4103	1.1215	3.7194	1.3242	2.206	1.0035	3.7437	1.00000
1500	0.5043	1.2459	3.7527	1.3219	2.282	1.0044	3.7720	1.00000
1600	0.5930	1.3631	3.7838	1.3204	2.357	1.0055	3.7990	1.00000
1700	0.6771	1.4741	3.8131	1.3189	2.430	1.0068	3.8249	1.00000
1800	0.7571	1.5795	3.8407	1.3171	2.500	1.0082	3.8501	1.00000
1900	0.8333	1.6798	3.8670	1.3058	2.559	1.0096	3.8744	1.00000
2000	0.9112	1.7808	3.8930	1.3057	2.628	1.0114	3.9082	1.00000
2100	0.9808	1.8724	3.9166	1.3179	2.708	1.0134	3.9302	1.00000
2200	1.0475	1.9603	3.9394	1.3196	2.777	1.0159	3.9530	1.00000
2300	1.1115	2.0448	3.9610	1.3213	2.845	1.0187	3.9742	1.00000
2400	1.1728	2.1259	3.9817	1.3234	2.913	1.0217	3.9949	1.00000
2500	1.2317	2.2040	4.0017	1.3259	2.981	1.0250	4.0159	1.00000
2600	1.2883	2.2791	4.0209	1.3288	3.048	1.0285	4.0355	1.00000
2700	1.3429	2.3516	4.0393	1.3322	3.116	1.0324	4.0545	1.00000
2800	1.3954	2.4217	4.0572	1.3363	3.185	1.0366	4.0742	1.00000
2900	1.4460	2.4895	4.0744	1.3406	3.253	1.0411	4.0928	1.00000
3000	1.4949	2.5551	4.0911	1.3455	3.323	1.0459	4.1110	1.00000
3100	1.5420	2.6187	4.1073	1.3513	3.393	1.0512	4.1289	1.00000

S/R= 26.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	1.5876	2.6804	4.1230	1.3569	3.464	1.0569	4.1479	1.00000
3300	1.6317	2.7403	4.1383	1.3631	3.536	1.0630	4.1663	1.00000
3400	1.6743	2.7986	4.1532	1.3700	3.609	1.0695	4.1853	1.00000
3500	1.7156	2.8553	4.1677	1.3774	3.684	1.0765	4.2033	1.00000
3600	1.7556	2.9105	4.1818	1.3855	3.760	1.0840	4.2222	1.00001
3700	1.7943	2.9644	4.1956	1.3937	3.837	1.0921	4.2406	1.00001
3800	1.8319	3.0168	4.2092	1.4023	3.916	1.1005	4.2603	1.00001
3900	1.8683	3.0681	4.2225	1.4117	3.997	1.1095	4.2796	1.00002
4000	1.9036	3.1181	4.2354	1.4213	4.079	1.1190	4.2989	1.00002
4100	1.9380	3.1671	4.2482	1.4312	4.163	1.1292	4.3194	1.00003
4200	1.9713	3.2151	4.2608	1.4415	4.248	1.1399	4.3402	1.00004
4300	2.0039	3.2621	4.2732	1.4516	4.335	1.1513	4.3626	1.00006
4400	2.0356	3.3084	4.2854	1.4616	4.423	1.1632	4.3848	1.00008
4500	2.0667	3.3539	4.2976	1.4711	4.512	1.1760	4.4092	1.00009
4600	2.0972	3.3990	4.3096	1.4795	4.601	1.1895	4.4344	1.00011
4700	2.1275	3.4439	4.3217	1.4871	4.691	1.2041	4.4623	1.00014
4800	2.1576	3.4888	4.3338	1.4946	4.784	1.2198	4.4932	1.00018
4900	2.1876	3.5337	4.3461	1.5027	4.880	1.2369	4.5277	1.00021
5000	2.2176	3.5789	4.3584	1.4429	4.866	1.2553	4.5652	1.00026
5100	2.2306	3.5958	4.3628	1.4459	4.893	1.2417	4.5208	1.00033
5200	2.2560	3.6345	4.3734	1.5276	5.107	1.2558	4.5436	1.00039
5300	2.2810	3.6727	4.3840	1.5371	5.202	1.2704	4.5675	1.00045
5400	2.3054	3.7104	4.3944	1.5471	5.299	1.2855	4.5922	1.00053
5500	2.3293	3.7475	4.4048	1.5580	5.400	1.3011	4.6176	1.00062
5600	2.3527	3.7841	4.4151	1.5698	5.503	1.3172	4.6437	1.00072
5700	2.3755	3.8199	4.4252	1.5817	5.607	1.3337	4.6702	1.00083
5800	2.3977	3.8553	4.4353	1.5878	5.703	1.3507	4.6973	1.00094

S/R= 26.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.6888	-3.1252	2.5428	1.4000	0.605	1.0000	3.4901	1.00000
200	-1.9360	-2.0713	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.4956	-1.4547	3.0211	1.3995	1.048	1.0000	3.4990	1.00000
400	-1.1822	-1.0164	3.1470	1.3969	1.209	1.0002	3.5072	1.00000
500	-0.9366	-0.6738	3.2450	1.3906	1.349	1.0004	3.5155	1.00000
600	-0.7312	-0.3892	3.3251	1.3882	1.476	1.0005	3.5232	1.00000
700	-0.5599	-0.1509	3.3930	1.3724	1.586	1.0007	3.5310	1.00000
800	-0.3952	0.0719	3.4552	1.3548	1.684	1.0009	3.5657	1.00000
900	-0.2513	0.2672	3.5099	1.3504	1.784	1.0012	3.5943	1.00000
1000	-0.1184	0.4457	3.5590	1.3413	1.874	1.0010	3.6226	1.00000
1100	0.0037	0.6093	3.6041	1.3366	1.962	1.0013	3.6532	1.00000
1200	0.1175	0.7610	3.6455	1.3315	2.046	1.0018	3.6839	1.00000
1300	0.2258	0.9023	3.6838	1.3270	2.126	1.0023	3.7139	1.00000
1400	0.3287	1.0347	3.7194	1.3234	2.204	1.0029	3.7431	1.00000
1500	0.4178	1.1591	3.7526	1.3207	2.280	1.0036	3.7713	1.00000
1600	0.5067	1.2764	3.7837	1.3189	2.354	1.0045	3.7982	1.00000
1700	0.5909	1.3873	3.8130	1.3175	2.427	1.0056	3.8239	1.00000
1800	0.6709	1.4927	3.8406	1.3157	2.497	1.0067	3.8488	1.00000
1900	0.7473	1.5931	3.8668	1.3039	2.555	1.0080	3.8728	1.00000
2000	0.8254	1.6941	3.8928	1.3029	2.623	1.0095	3.9065	1.00000
2100	0.8952	1.7858	3.9164	1.3138	2.701	1.0111	3.9282	1.00000
2200	0.9620	1.8736	3.9391	1.3149	2.768	1.0129	3.9504	1.00000
2300	1.0262	1.9580	3.9606	1.3166	2.835	1.0151	3.9709	1.00000
2400	1.0877	2.0391	3.9813	1.3187	2.902	1.0177	3.9910	1.00000

S/R= 26.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	1.1468	2.1171	4.0012	1.3210	2.969	1.0204	4.0114	1.00000
2600	1.2036	2.1922	4.0203	1.3230	3.034	1.0234	4.0303	1.00000
2700	1.2584	2.2647	4.0387	1.3251	3.099	1.0266	4.0485	1.00000
2800	1.3112	2.3348	4.0565	1.3286	3.165	1.0300	4.0674	1.00000
2900	1.3621	2.4025	4.0736	1.3321	3.232	1.0338	4.0852	1.00000
3000	1.4113	2.4682	4.0902	1.3358	3.298	1.0378	4.1025	1.00000
3100	1.4588	2.5317	4.1063	1.3402	3.365	1.0422	4.1203	1.00000
3200	1.5048	2.5934	4.1219	1.3450	3.433	1.0468	4.1372	1.00000
3300	1.5492	2.6533	4.1370	1.3504	3.501	1.0519	4.1545	1.00000
3400	1.5923	2.7115	4.1518	1.3557	3.570	1.0573	4.1722	1.00000
3500	1.6340	2.7683	4.1662	1.3614	3.640	1.0631	4.1889	1.00000
3600	1.6745	2.8235	4.1802	1.3681	3.711	1.0693	4.2064	1.00001
3700	1.7137	2.8773	4.1938	1.3751	3.783	1.0759	4.2232	1.00001
3800	1.7518	2.9297	4.2073	1.3825	3.857	1.0829	4.2414	1.00001
3900	1.7887	2.9809	4.2204	1.3902	3.932	1.0904	4.2591	1.00002
4000	1.8246	3.0310	4.2332	1.3980	4.008	1.0983	4.2766	1.00003
4100	1.8595	3.0800	4.2458	1.4061	4.085	1.1067	4.2952	1.00004
4200	1.8935	3.1279	4.2581	1.4145	4.163	1.1156	4.3139	1.00004
4300	1.9267	3.1750	4.2704	1.4230	4.243	1.1251	4.3342	1.00006
4400	1.9591	3.2212	4.2824	1.4313	4.324	1.1352	4.3543	1.00008
4500	1.9909	3.2668	4.2943	1.4389	4.405	1.1459	4.3765	1.00010
4600	2.0221	3.3119	4.3061	1.4455	4.486	1.1573	4.3993	1.00012
4700	2.0532	3.3569	4.3180	1.4513	4.567	1.1694	4.4245	1.00016
4800	2.0840	3.4017	4.3299	1.4569	4.650	1.1826	4.4526	1.00020
4900	2.1149	3.4468	4.3419	1.4624	4.736	1.1969	4.4840	1.00024
5000	2.1458	3.4920	4.3540	1.4643	4.818	1.2125	4.5184	1.00029
5100	2.1584	3.5105	4.3589	1.4812	4.879	1.2048	4.4807	1.00036
5200	2.1845	3.5495	4.3694	1.4944	4.973	1.2171	4.5017	1.00043
5300	2.2102	3.5880	4.3798	1.5025	5.061	1.2299	4.5236	1.00050
5400	2.2354	3.6259	4.3901	1.5114	5.151	1.2432	4.5463	1.00059
5500	2.2601	3.6634	4.4003	1.5211	5.244	1.2569	4.5698	1.00068
5600	2.2842	3.7002	4.4104	1.5311	5.339	1.2711	4.5938	1.00079
5700	2.3078	3.7364	4.4204	1.5415	5.435	1.2858	4.6184	1.00092
5800	2.3309	3.7721	4.4303	1.5528	5.535	1.3009	4.6435	1.00105
5900	2.3534	3.8072	4.4401	1.5639	5.636	1.3164	4.6692	1.00120
6000	2.3755	3.8418	4.4498	1.5752	5.738	1.3324	4.6954	1.00136
6100	2.3970	3.8759	4.4595	1.5812	5.833	1.3488	4.7222	1.00154

S/R= 26.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.7756	-3.2120	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.0227	-2.1581	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.5825	-1.5415	3.0211	1.3996	1.048	1.0000	3.4980	1.00000
400	-1.2690	-1.1032	3.1470	1.3968	1.209	1.0002	3.5072	1.00000
500	-1.0234	-0.7607	3.2450	1.3913	1.349	1.0003	3.5185	1.00000
600	-0.8187	-0.4767	3.3251	1.3808	1.472	1.0005	3.5282	1.00000
700	-0.6395	-0.2305	3.3930	1.3714	1.585	1.0006	3.5310	1.00000
800	-0.4820	-0.0149	3.4552	1.3630	1.689	1.0008	3.5657	1.00000
900	-0.3380	0.1804	3.5098	1.3507	1.784	1.0011	3.5942	1.00000
1000	-0.2052	0.3590	3.5590	1.3416	1.874	1.0008	3.6225	1.00000
1100	-0.0830	0.5225	3.6040	1.3359	1.961	1.0011	3.6530	1.00000
1200	0.0308	0.6741	3.6455	1.3306	2.045	1.0014	3.6836	1.00000
1300	0.1372	0.8155	3.6837	1.3264	2.125	1.0019	3.7136	1.00000
1400	0.2371	0.9479	3.7193	1.3227	2.203	1.0024	3.7427	1.00000

S/R= 26.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	0.3313	1.0723	3.7525	1.3197	2.279	1.0030	3.7707	1.00000
1600	0.4203	1.1896	3.7836	1.3176	2.352	1.0037	3.7975	1.00000
1700	0.5046	1.3006	3.8129	1.3161	2.424	1.0045	3.8231	1.00000
1800	0.5846	1.4059	3.8405	1.3144	2.494	1.0055	3.8477	1.00000
1900	0.6610	1.5062	3.8666	1.3023	2.552	1.0066	3.8714	1.00000
2000	0.7393	1.6073	3.8927	1.3009	2.619	1.0079	3.9050	1.00000
2100	0.8093	1.6991	3.9162	1.3112	2.696	1.0093	3.9266	1.00000
2200	0.8762	1.7869	3.9388	1.3111	2.761	1.0107	3.9484	1.00000
2300	0.9406	1.8712	3.9603	1.3122	2.827	1.0124	3.9684	1.00000
2400	1.0023	1.9523	3.9810	1.3141	2.892	1.0144	3.9880	1.00000
2500	1.0616	2.0303	4.0008	1.3164	2.958	1.0166	4.0078	1.00000
2600	1.1186	2.1054	4.0199	1.3182	3.022	1.0191	4.0261	1.00000
2700	1.1736	2.1779	4.0381	1.3199	3.086	1.0218	4.0437	1.00000
2800	1.2266	2.2480	4.0559	1.3221	3.150	1.0247	4.0619	1.00000
2900	1.2778	2.3156	4.0729	1.3248	3.213	1.0277	4.0790	1.00000
3000	1.3272	2.3812	4.0894	1.3280	3.277	1.0311	4.0954	1.00000
3100	1.3750	2.4448	4.1055	1.3315	3.342	1.0347	4.1125	1.00000
3200	1.4213	2.5064	4.1209	1.3350	3.406	1.0386	4.1285	1.00000
3300	1.4661	2.5663	4.1360	1.3392	3.471	1.0427	4.1448	1.00000
3400	1.5095	2.6246	4.1507	1.3438	3.537	1.0472	4.1615	1.00000
3500	1.5516	2.6812	4.1649	1.3487	3.604	1.0520	4.1771	1.00000
3600	1.5924	2.7364	4.1789	1.3540	3.671	1.0571	4.1934	1.00001
3700	1.6321	2.7902	4.1924	1.3594	3.738	1.0626	4.2089	1.00001
3800	1.6706	2.8427	4.2057	1.3653	3.807	1.0684	4.2258	1.00001
3900	1.7080	2.8939	4.2186	1.3719	3.877	1.0746	4.2420	1.00002
4000	1.7443	2.9439	4.2313	1.3785	3.948	1.0811	4.2581	1.00003
4100	1.7798	2.9929	4.2437	1.3851	4.020	1.0882	4.2752	1.00004
4200	1.8143	3.0408	4.2559	1.3918	4.092	1.0956	4.2922	1.00005
4300	1.8480	3.0879	4.2680	1.3985	4.166	1.1034	4.3108	1.00007
4400	1.8810	3.1341	4.2798	1.4052	4.240	1.1118	4.3290	1.00009
4500	1.9134	3.1797	4.2916	1.4113	4.314	1.1207	4.3492	1.00011
4600	1.9453	3.2248	4.3032	1.4161	4.388	1.1302	4.3699	1.00014
4700	1.9770	3.2698	4.3149	1.4203	4.462	1.1405	4.3930	1.00017
4800	2.0086	3.3147	4.3265	1.4242	4.537	1.1515	4.4188	1.00022
4900	2.0402	3.3597	4.3383	1.4279	4.614	1.1634	4.4477	1.00026
5000	2.0719	3.4051	4.3502	1.4723	4.759	1.1765	4.4793	1.00032
5100	2.0844	3.4248	4.3556	1.4989	4.842	1.1728	4.4461	1.00039
5200	2.1112	3.4640	4.3659	1.4644	4.855	1.1835	4.4654	1.00047
5300	2.1376	3.5027	4.3761	1.4715	4.936	1.1946	4.4856	1.00056
5400	2.1635	3.5409	4.3862	1.4792	5.020	1.2062	4.5066	1.00065
5500	2.1889	3.5786	4.3963	1.4876	5.106	1.2183	4.5283	1.00076
5600	2.2137	3.6157	4.4063	1.4966	5.194	1.2308	4.5505	1.00088
5700	2.2381	3.6522	4.4161	1.5058	5.283	1.2437	4.5733	1.00102
5800	2.2619	3.6882	4.4259	1.5157	5.376	1.2570	4.5967	1.00117
5900	2.2852	3.7237	4.4355	1.5254	5.469	1.2708	4.6205	1.00133
6000	2.3081	3.7586	4.4451	1.5355	5.564	1.2850	4.6449	1.00151
6100	2.3304	3.7931	4.4546	1.5458	5.661	1.2996	4.6699	1.00170
6200	2.3523	3.8271	4.4641	1.5558	5.759	1.3146	4.6955	1.00191
6300	2.3739	3.8607	4.4735	1.5664	5.859	1.3302	4.7219	1.00214
6400	2.3950	3.8938	4.4828	1.5716	5.951	1.3462	4.7491	1.00238

S/R= 26.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.8625	-3.2989	2.5428	1.3998	0.605	1.0000	3.4901	1.00000

S/R= 26.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-2.1096	-2.2450	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.6693	-1.6284	3.0211	1.3996	1.048	1.0000	3.4990	1.00000
400	-1.3559	-1.1901	3.1470	1.3968	1.209	1.0002	3.5072	1.00000
500	-1.1103	-0.8475	3.2450	1.3913	1.349	1.0003	3.5156	1.00000
600	-0.9056	-0.5636	3.3251	1.3807	1.472	1.0004	3.5232	1.00000
700	-0.7262	-0.3173	3.3930	1.3712	1.585	1.0006	3.5310	1.00000
800	-0.5688	-0.1018	3.4552	1.3627	1.689	1.0007	3.5656	1.00000
900	-0.4248	0.0935	3.5098	1.3506	1.784	1.0009	3.5941	1.00000
1000	-0.2920	0.2721	3.5590	1.3421	1.874	1.0007	3.6224	1.00000
1100	-0.1698	0.4358	3.6040	1.3359	1.961	1.0009	3.6529	1.00000
1200	-0.0560	0.5873	3.6454	1.3298	2.044	1.0012	3.6834	1.00000
1300	0.0505	0.7287	3.6837	1.3256	2.124	1.0015	3.7133	1.00000
1400	0.1505	0.8610	3.7193	1.3221	2.202	1.0019	3.7423	1.00000
1500	0.2447	0.9854	3.7525	1.3190	2.277	1.0024	3.7702	1.00000
1600	0.3337	1.1027	3.7836	1.3165	2.351	1.0030	3.7969	1.00000
1700	0.4181	1.2138	3.8128	1.3149	2.422	1.0037	3.8225	1.00000
1800	0.4982	1.3190	3.8404	1.3134	2.492	1.0045	3.8467	1.00000
1900	0.5746	1.4193	3.8665	1.3009	2.549	1.0054	3.8701	1.00000
2000	0.6530	1.5204	3.8925	1.2990	2.615	1.0065	3.9035	1.00000
2100	0.7232	1.6123	3.9161	1.3093	2.692	1.0076	3.9251	1.00000
2200	0.7903	1.7001	3.9387	1.3088	2.756	1.0089	3.9468	1.00000
2300	0.8548	1.7845	3.9601	1.3088	2.820	1.0102	3.9665	1.00000
2400	0.9167	1.8656	3.9807	1.3101	2.884	1.0118	3.9856	1.00000
2500	0.9762	1.9435	4.0005	1.3120	2.948	1.0136	4.0050	1.00000
2600	1.0333	2.0186	4.0195	1.3137	3.012	1.0156	4.0228	1.00000
2700	1.0885	2.0911	4.0377	1.3152	3.074	1.0178	4.0399	1.00000
2800	1.1417	2.1611	4.0554	1.3173	3.137	1.0202	4.0575	1.00000
2900	1.1930	2.2288	4.0724	1.3192	3.199	1.0228	4.0740	1.00000
3000	1.2427	2.2944	4.0888	1.3212	3.260	1.0256	4.0897	1.00000
3100	1.2907	2.3579	4.1048	1.3241	3.323	1.0285	4.1061	1.00000
3200	1.3372	2.4195	4.1202	1.3272	3.385	1.0317	4.1214	1.00000
3300	1.3823	2.4794	4.1352	1.3304	3.447	1.0352	4.1369	1.00000
3400	1.4260	2.5376	4.1498	1.3337	3.510	1.0389	4.1527	1.00000
3500	1.4684	2.5943	4.1639	1.3375	3.573	1.0428	4.1674	1.00001
3600	1.5096	2.6494	4.1778	1.3421	3.637	1.0470	4.1827	1.00001
3700	1.5496	2.7032	4.1912	1.3468	3.702	1.0516	4.1972	1.00001
3800	1.5884	2.7556	4.2044	1.3515	3.767	1.0564	4.2130	1.00002
3900	1.6263	2.8068	4.2172	1.3564	3.832	1.0615	4.2281	1.00002
4000	1.6630	2.8568	4.2297	1.3617	3.898	1.0669	4.2429	1.00004
4100	1.6989	2.9058	4.2420	1.3672	3.965	1.0727	4.2586	1.00004
4200	1.7339	2.9537	4.2541	1.3729	4.033	1.0789	4.2743	1.00005
4300	1.7681	3.0008	4.2661	1.3783	4.101	1.0854	4.2914	1.00007
4400	1.8016	3.0470	4.2777	1.3833	4.170	1.0924	4.3081	1.00010
4500	1.8345	3.0926	4.2894	1.3877	4.238	1.0998	4.3266	1.00012
4600	1.8670	3.1377	4.3008	1.3911	4.305	1.1076	4.3456	1.00015
4700	1.8993	3.1827	4.3123	1.3938	4.373	1.1162	4.3668	1.00019
4800	1.9315	3.2276	4.3238	1.3960	4.441	1.1254	4.3906	1.00024
4900	1.9637	3.2727	4.3354	1.3981	4.510	1.1355	4.4174	1.00029
5000	1.9962	3.3181	4.3470	1.4701	4.694	1.1465	4.4468	1.00036
5100	2.0086	3.3387	4.3526	1.5034	4.792	1.1452	4.4165	1.00043
5200	2.0361	3.3781	4.3628	1.4374	4.750	1.1545	4.4342	1.00052
5300	2.0631	3.4170	4.3729	1.4434	4.826	1.1641	4.4529	1.00061
5400	2.0897	3.4554	4.3829	1.4502	4.904	1.1742	4.4724	1.00072
5500	2.1157	3.4934	4.3929	1.4577	4.984	1.1847	4.4925	1.00084
5600	2.1413	3.5307	4.4027	1.4655	5.065	1.1956	4.5132	1.00098

S/R= 26.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	2.1664	3.5675	4.4124	1.4736	5.149	1.2069	4.5344	1.00113
5800	2.1909	3.6038	4.4220	1.4823	5.234	1.2186	4.5561	1.00130
5900	2.2150	3.6396	4.4316	1.4909	5.321	1.2308	4.5784	1.00148
6000	2.2386	3.6749	4.4410	1.4999	5.409	1.2433	4.6012	1.00167
6100	2.2617	3.7097	4.4504	1.5086	5.498	1.2562	4.6246	1.00188
6200	2.2844	3.7441	4.4597	1.5175	5.589	1.2697	4.6486	1.00211
6300	2.3068	3.7780	4.4690	1.5269	5.682	1.2835	4.6734	1.00237
6400	2.3287	3.8116	4.4782	1.5358	5.776	1.2978	4.6989	1.00263
6500	2.3503	3.8449	4.4873	1.5447	5.871	1.3127	4.7253	1.00292
6600	2.3716	3.8779	4.4965	1.5539	5.968	1.3280	4.7528	1.00322
6700	2.3925	3.9105	4.5056	1.5589	6.058	1.3438	4.7812	1.00354

S/R= 27.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-2.9493	-3.3857	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.1965	-2.3318	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.7562	-1.7152	3.0211	1.3995	1.048	1.0000	3.4990	1.00000
400	-1.4427	-1.2769	3.1470	1.3967	1.209	1.0001	3.5072	1.00000
500	-1.1971	-0.9344	3.2450	1.3914	1.349	1.0002	3.5156	1.00000
600	-0.9924	-0.6504	3.3251	1.3821	1.473	1.0004	3.5232	1.00000
700	-0.8144	-0.4055	3.3930	1.3711	1.585	1.0005	3.5310	1.00000
800	-0.6556	-0.1886	3.4552	1.3608	1.688	1.0007	3.5656	1.00000
900	-0.5115	0.0067	3.5098	1.3505	1.784	1.0008	3.5940	1.00000
1000	-0.3788	0.1853	3.5590	1.3423	1.874	1.0005	3.6223	1.00000
1100	-0.2565	0.3490	3.6040	1.3360	1.961	1.0007	3.6527	1.00000
1200	-0.1427	0.5006	3.6454	1.3296	2.044	1.0010	3.6832	1.00000
1300	-0.0362	0.6419	3.6837	1.3247	2.123	1.0012	3.7130	1.00000
1400	0.0638	0.7742	3.7192	1.3213	2.201	1.0016	3.7420	1.00000
1500	0.1581	0.8986	3.7524	1.3184	2.276	1.0020	3.7698	1.00000
1600	0.2471	1.0159	3.7835	1.3158	2.349	1.0025	3.7964	1.00000
1700	0.3316	1.1270	3.8127	1.3139	2.420	1.0030	3.8218	1.00000
1800	0.4118	1.2322	3.8403	1.3124	2.490	1.0037	3.8459	1.00000
1900	0.4882	1.3324	3.8664	1.2999	2.547	1.0044	3.8690	1.00000
2000	0.5667	1.4336	3.8924	1.2974	2.612	1.0053	3.9023	1.00000
2100	0.6369	1.5254	3.9159	1.3074	2.688	1.0062	3.9237	1.00000
2200	0.7042	1.6133	3.9385	1.3071	2.752	1.0073	3.9453	1.00000
2300	0.7688	1.6978	3.9600	1.3067	2.815	1.0085	3.9649	1.00000
2400	0.8308	1.7788	3.9805	1.3071	2.878	1.0098	3.9838	1.00000
2500	0.8905	1.8568	4.0003	1.3083	2.941	1.0112	4.0028	1.00000
2600	0.9478	1.9318	4.0192	1.3097	3.003	1.0128	4.0202	1.00000
2700	1.0031	2.0043	4.0374	1.3110	3.064	1.0146	4.0369	1.00000
2800	1.0565	2.0743	4.0550	1.3127	3.126	1.0165	4.0540	1.00000
2900	1.1080	2.1420	4.0720	1.3145	3.187	1.0187	4.0700	1.00000
3000	1.1578	2.2075	4.0883	1.3162	3.247	1.0210	4.0852	1.00000
3100	1.2060	2.2710	4.1042	1.3181	3.307	1.0235	4.1010	1.00000
3200	1.2527	2.3326	4.1196	1.3203	3.367	1.0261	4.1156	1.00000
3300	1.2980	2.3925	4.1345	1.3229	3.427	1.0290	4.1304	1.00000
3400	1.3420	2.4507	4.1491	1.3257	3.488	1.0320	4.1455	1.00000
3500	1.3847	2.5074	4.1631	1.3287	3.548	1.0353	4.1595	1.00001
3600	1.4261	2.5625	4.1769	1.3321	3.609	1.0388	4.1740	1.00001
3700	1.4664	2.6163	4.1902	1.3357	3.670	1.0425	4.1876	1.00001
3800	1.5056	2.6687	4.2033	1.3398	3.733	1.0465	4.2024	1.00002
3900	1.5437	2.7199	4.2160	1.3440	3.795	1.0507	4.2166	1.00002
4000	1.5808	2.7698	4.2284	1.3481	3.857	1.0552	4.2304	1.00004

S/R= 27.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	1.6171	2.8188	4.2407	1.3523	3.920	1.0600	4.2450	1.00005
4200	1.6525	2.8667	4.2526	1.3566	3.984	1.0651	4.2595	1.00006
4300	1.6871	2.9137	4.2644	1.3607	4.047	1.0705	4.2754	1.00008
4400	1.7210	2.9600	4.2760	1.3649	4.111	1.0762	4.2907	1.00011
4500	1.7544	3.0056	4.2875	1.3683	4.175	1.0824	4.3080	1.00014
4600	1.7873	3.0507	4.2988	1.3702	4.237	1.0890	4.3255	1.00017
4700	1.8201	3.0956	4.3101	1.3713	4.298	1.0961	4.3452	1.00021
4800	1.8529	3.1406	4.3215	1.3720	4.360	1.1037	4.3673	1.00027
4900	1.8857	3.1857	4.3329	1.3725	4.422	1.1121	4.3922	1.00033
5000	1.9188	3.2311	4.3444	1.4626	4.631	1.1212	4.4196	1.00040
5100	1.9314	3.2524	4.3502	1.4992	4.736	1.1217	4.3914	1.00048
5200	1.9594	3.2920	4.3602	1.4121	4.657	1.1296	4.4078	1.00058
5300	1.9870	3.3310	4.3702	1.4173	4.728	1.1379	4.4251	1.00068
5400	2.0142	3.3697	4.3801	1.4236	4.801	1.1466	4.4432	1.00080
5500	2.0410	3.4078	4.3899	1.4305	4.876	1.1557	4.4620	1.00094
5600	2.0672	3.4454	4.3996	1.4375	4.953	1.1652	4.4813	1.00108
5700	2.0929	3.4824	4.4092	1.4446	5.030	1.1750	4.5012	1.00125
5800	2.1181	3.5190	4.4187	1.4521	5.109	1.1853	4.5215	1.00143
5900	2.1429	3.5551	4.4281	1.4598	5.190	1.1959	4.5423	1.00163
6000	2.1673	3.5907	4.4375	1.4677	5.272	1.2069	4.5638	1.00185
6100	2.1911	3.6258	4.4467	1.4754	5.355	1.2184	4.5858	1.00209
6200	2.2146	3.6606	4.4559	1.4831	5.439	1.2302	4.6084	1.00234
6300	2.2377	3.6949	4.4651	1.4913	5.525	1.2425	4.6318	1.00262
6400	2.2605	3.7289	4.4742	1.4992	5.612	1.2553	4.6559	1.00291
6500	2.2828	3.7626	4.4832	1.5069	5.700	1.2685	4.6809	1.00323
6600	2.3050	3.7960	4.4923	1.5151	5.791	1.2823	4.7070	1.00357
6700	2.3268	3.8291	4.5013	1.5241	5.884	1.2965	4.7338	1.00392
6800	2.3482	3.8619	4.5103	1.5333	5.979	1.3112	4.7615	1.00431
6900	2.3693	3.8944	4.5192	1.5436	6.078	1.3264	4.7900	1.00470
7000	2.3900	3.9265	4.5281	1.5491	6.169	1.3421	4.8190	1.00512

S/R= 27.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.0362	-3.4726	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.2833	-2.4187	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.8431	-1.8021	3.0211	1.3995	1.048	1.0000	3.4990	1.00000
400	-1.5295	-1.3638	3.1470	1.3967	1.209	1.0001	3.5072	1.00000
500	-1.2840	-1.0212	3.2450	1.3914	1.349	1.0002	3.5156	1.00000
600	-1.0792	-0.7372	3.3251	1.3821	1.473	1.0004	3.5232	1.00000
700	-0.9013	-0.4923	3.3930	1.3710	1.585	1.0005	3.5310	1.00000
800	-0.7424	-0.2755	3.4552	1.3605	1.688	1.0006	3.5656	1.00000
900	-0.5983	-0.0801	3.5098	1.3504	1.783	1.0007	3.5940	1.00000
1000	-0.4656	0.0984	3.5590	1.3423	1.874	1.0004	3.6222	1.00000
1100	-0.3433	0.2621	3.6040	1.3361	1.961	1.0006	3.6526	1.00000
1200	-0.2295	0.4138	3.6454	1.3297	2.044	1.0008	3.6830	1.00000
1300	-0.1230	0.5551	3.6837	1.3243	2.123	1.0010	3.7128	1.00000
1400	-0.0229	0.6874	3.7192	1.3204	2.200	1.0013	3.7417	1.00000
1500	0.0714	0.8117	3.7524	1.3177	2.275	1.0016	3.7695	1.00000
1600	0.1605	0.9290	3.7835	1.3152	2.348	1.0020	3.7960	1.00000
1700	0.2450	1.0401	3.8127	1.3131	2.419	1.0025	3.8213	1.00000
1800	0.3252	1.1454	3.8402	1.3115	2.488	1.0030	3.8453	1.00000
1900	0.4016	1.2455	3.8663	1.2989	2.545	1.0036	3.8682	1.00000
2000	0.4802	1.3467	3.8922	1.2960	2.609	1.0043	3.9013	1.00000
2100	0.5506	1.4386	3.9158	1.3058	2.685	1.0051	3.9227	1.00000

S/R= 27.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	0.6179	1.5265	3.9384	1.3054	2.749	1.0060	3.9440	1.00000
2300	0.6826	1.6109	3.9598	1.3049	2.811	1.0070	3.9634	1.00000
2400	0.7448	1.6920	3.9803	1.3050	2.873	1.0080	3.9822	1.00000
2500	0.8045	1.7700	4.0001	1.3056	2.935	1.0092	4.0010	1.00000
2600	0.8620	1.8451	4.0190	1.3064	2.996	1.0105	4.0181	1.00000
2700	0.9174	1.9175	4.0371	1.3073	3.056	1.0119	4.0345	1.00000
2800	0.9710	1.9876	4.0547	1.3089	3.117	1.0136	4.0512	1.00000
2900	1.0226	2.0552	4.0717	1.3103	3.176	1.0153	4.0668	1.00000
3000	1.0726	2.1208	4.0880	1.3116	3.235	1.0173	4.0816	1.00000
3100	1.1210	2.1843	4.1038	1.3134	3.294	1.0193	4.0969	1.00000
3200	1.1679	2.2458	4.1191	1.3151	3.353	1.0215	4.1110	1.00000
3300	1.2133	2.3057	4.1340	1.3168	3.411	1.0239	4.1252	1.00000
3400	1.2575	2.3638	4.1484	1.3188	3.469	1.0264	4.1397	1.00000
3500	1.3004	2.4205	4.1624	1.3213	3.528	1.0291	4.1529	1.00001
3600	1.3421	2.4756	4.1761	1.3242	3.587	1.0319	4.1669	1.00001
3700	1.3826	2.5294	4.1894	1.3269	3.645	1.0350	4.1798	1.00001
3800	1.4221	2.5818	4.2024	1.3299	3.704	1.0383	4.1938	1.00002
3900	1.4605	2.6329	4.2151	1.3332	3.764	1.0418	4.2071	1.00002
4000	1.4979	2.6829	4.2274	1.3366	3.823	1.0455	4.2201	1.00004
4100	1.5345	2.7318	4.2395	1.3402	3.883	1.0495	4.2338	1.00005
4200	1.5702	2.7797	4.2514	1.3436	3.943	1.0537	4.2474	1.00007
4300	1.6051	2.8267	4.2631	1.3464	4.003	1.0582	4.2623	1.00009
4400	1.6394	2.8730	4.2745	1.3492	4.062	1.0629	4.2765	1.00012
4500	1.6732	2.9185	4.2859	1.3515	4.121	1.0680	4.2925	1.00015
4600	1.7065	2.9637	4.2971	1.3523	4.179	1.0734	4.3089	1.00019
4700	1.7398	3.0086	4.3083	1.3525	4.236	1.0793	4.3272	1.00024
4800	1.7730	3.0535	4.3195	1.3521	4.293	1.0857	4.3480	1.00030
4900	1.8063	3.0986	4.3308	1.3511	4.349	1.0927	4.3714	1.00036
5000	1.8400	3.1440	4.3421	1.4510	4.569	1.1003	4.3971	1.00044
5100	1.8528	3.1661	4.3481	1.4895	4.678	1.1017	4.3704	1.00054
5200	1.8814	3.2057	4.3580	1.3904	4.578	1.1084	4.3857	1.00064
5300	1.9096	3.2450	4.3679	1.3944	4.643	1.1156	4.4019	1.00075
5400	1.9373	3.2837	4.3777	1.3993	4.711	1.1230	4.4188	1.00089
5500	1.9647	3.3220	4.3874	1.4049	4.780	1.1309	4.4363	1.00104
5600	1.9915	3.3598	4.3970	1.4115	4.852	1.1391	4.4544	1.00120
5700	2.0178	3.3971	4.4065	1.4182	4.925	1.1476	4.4731	1.00138
5800	2.0437	3.4339	4.4159	1.4247	4.999	1.1565	4.4922	1.00158
5900	2.0692	3.4703	4.4252	1.4317	5.075	1.1658	4.5119	1.00181
6000	2.0942	3.5062	4.4345	1.4386	5.151	1.1754	4.5321	1.00205
6100	2.1188	3.5417	4.4436	1.4452	5.228	1.1855	4.5529	1.00231
6200	2.1430	3.5768	4.4527	1.4522	5.306	1.1959	4.5743	1.00259
6300	2.1669	3.6115	4.4618	1.4593	5.386	1.2068	4.5965	1.00290
6400	2.1904	3.6459	4.4708	1.4663	5.467	1.2181	4.6195	1.00322
6500	2.2136	3.6800	4.4797	1.4729	5.549	1.2299	4.6432	1.00358
6600	2.2365	3.7138	4.4887	1.4802	5.633	1.2421	4.6681	1.00395
6700	2.2591	3.7474	4.4976	1.4880	5.720	1.2549	4.6937	1.00434
6800	2.2814	3.7806	4.5065	1.4959	5.808	1.2681	4.7202	1.00476
6900	2.3034	3.8136	4.5153	1.5051	5.900	1.2817	4.7474	1.00519
7000	2.3250	3.8462	4.5241	1.5150	5.995	1.2959	4.7752	1.00566
7100	2.3462	3.8784	4.5328	1.5251	6.092	1.3105	4.8035	1.00614
7200	2.3670	3.9102	4.5415	1.5352	6.190	1.3255	4.8323	1.00665
7300	2.3875	3.9418	4.5501	1.5403	6.279	1.3410	4.8617	1.00718

S/R= 27.4

T	LOG(RHO)	LOG(P)	LOG(H/RT)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.1231	-3.5595	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.3702	-2.5056	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-1.9299	-1.8889	3.0211	1.3994	1.048	1.0000	3.4990	1.00000
400	-1.6164	-1.4506	3.1470	1.3967	1.209	1.0001	3.5072	1.00000
500	-1.3708	-1.1081	3.2450	1.3915	1.349	1.0002	3.5156	1.00000
600	-1.1661	-0.8241	3.3251	1.3820	1.473	1.0003	3.5232	1.00000
700	-0.9881	-0.5792	3.3930	1.3710	1.584	1.0004	3.5310	1.00000
800	-0.8293	-0.3623	3.4552	1.3604	1.687	1.0005	3.5656	1.00000
900	-0.6851	-0.1670	3.5098	1.3503	1.783	1.0006	3.5940	1.00000
1000	-0.5524	0.0116	3.5590	1.3421	1.874	1.0004	3.6221	1.00000
1100	-0.4301	0.1753	3.6040	1.3360	1.961	1.0005	3.6525	1.00000
1200	-0.3163	0.3270	3.6454	1.3299	2.044	1.0007	3.6829	1.00000
1300	-0.2098	0.4683	3.6836	1.3244	2.123	1.0008	3.7127	1.00000
1400	-0.1097	0.6006	3.7192	1.3199	2.199	1.0011	3.7415	1.00000
1500	-0.0153	0.7249	3.7523	1.3168	2.274	1.0013	3.7692	1.00000
1600	0.0738	0.8422	3.7834	1.3145	2.347	1.0017	3.7957	1.00000
1700	0.1584	0.9533	3.8126	1.3125	2.418	1.0020	3.8209	1.00000
1800	0.2386	1.0585	3.8401	1.3108	2.487	1.0024	3.8448	1.00000
1900	0.3151	1.1587	3.8662	1.2981	2.543	1.0029	3.8675	1.00000
2000	0.3937	1.2598	3.8922	1.2950	2.607	1.0035	3.9005	1.00000
2100	0.4642	1.3518	3.9157	1.3045	2.682	1.0042	3.9218	1.00000
2200	0.5316	1.4397	3.9383	1.3040	2.746	1.0049	3.9430	1.00000
2300	0.5963	1.5241	3.9597	1.3033	2.808	1.0057	3.9622	1.00000
2400	0.6585	1.6052	3.9802	1.3032	2.869	1.0066	3.9807	1.00000
2500	0.7184	1.6832	3.9999	1.3036	2.930	1.0076	3.9994	1.00000
2600	0.7760	1.7583	4.0188	1.3039	2.990	1.0087	4.0164	1.00000
2700	0.8316	1.8308	4.0369	1.3043	3.049	1.0098	4.0325	1.00000
2800	0.8853	1.9008	4.0545	1.3055	3.109	1.0111	4.0490	1.00000
2900	0.9370	1.9684	4.0714	1.3068	3.168	1.0126	4.0642	1.00000
3000	0.9872	2.0340	4.0876	1.3078	3.226	1.0142	4.0787	1.00000
3100	1.0357	2.0975	4.1035	1.3093	3.284	1.0159	4.0936	1.00000
3200	1.0827	2.1591	4.1187	1.3106	3.341	1.0177	4.1073	1.00000
3300	1.1284	2.2189	4.1335	1.3120	3.398	1.0197	4.1210	1.00000
3400	1.1726	2.2770	4.1480	1.3135	3.454	1.0218	4.1351	1.00000
3500	1.2157	2.3337	4.1619	1.3151	3.511	1.0240	4.1477	1.00001
3600	1.2576	2.3888	4.1755	1.3172	3.567	1.0263	4.1611	1.00001
3700	1.2983	2.4425	4.1887	1.3195	3.624	1.0289	4.1733	1.00001
3800	1.3380	2.4949	4.2017	1.3220	3.681	1.0316	4.1868	1.00002
3900	1.3767	2.5460	4.2143	1.3247	3.738	1.0345	4.1995	1.00003
4000	1.4143	2.5960	4.2265	1.3271	3.795	1.0376	4.2117	1.00005
4100	1.4512	2.6449	4.2386	1.3295	3.852	1.0408	4.2247	1.00005
4200	1.4871	2.6928	4.2504	1.3322	3.909	1.0443	4.2374	1.00008
4300	1.5224	2.7398	4.2620	1.3345	3.966	1.0480	4.2514	1.00010
4400	1.5570	2.7860	4.2734	1.3367	4.022	1.0519	4.2648	1.00013
4500	1.5910	2.8316	4.2847	1.3378	4.078	1.0561	4.2799	1.00017
4600	1.6248	2.8767	4.2957	1.3374	4.131	1.0606	4.2953	1.00021
4700	1.6584	2.9216	4.3068	1.3362	4.183	1.0655	4.3124	1.00027
4800	1.6920	2.9665	4.3179	1.3348	4.236	1.0708	4.3319	1.00033
4900	1.7258	3.0116	4.3291	1.3330	4.288	1.0765	4.3542	1.00040
5000	1.7599	3.0570	4.3403	1.4377	4.512	1.0829	4.3785	1.00048
5100	1.7731	3.0796	4.3464	1.4762	4.621	1.0848	4.3529	1.00060
5200	1.8022	3.1194	4.3562	1.3712	4.509	1.0906	4.3673	1.00071
5300	1.8308	3.1588	4.3660	1.3744	4.570	1.0966	4.3825	1.00084
5400	1.8591	3.1977	4.3757	1.3782	4.633	1.1030	4.3984	1.00098
5500	1.8870	3.2362	4.3853	1.3830	4.698	1.1097	4.4150	1.00115

S/R= 27.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	1.9144	3.2742	4.3948	1.3884	4.765	1.1168	4.4321	1.00133
5700	1.9414	3.3117	4.4042	1.3937	4.832	1.1241	4.4497	1.00153
5800	1.9679	3.3488	4.4135	1.3992	4.901	1.1319	4.4679	1.00175
5900	1.9941	3.3854	4.4228	1.4056	4.972	1.1399	4.4865	1.00200
6000	2.0197	3.4215	4.4319	1.4120	5.044	1.1483	4.5057	1.00227
6100	2.0450	3.4573	4.4410	1.4181	5.116	1.1571	4.5255	1.00256
6200	2.0699	3.4928	4.4500	1.4241	5.189	1.1663	4.5459	1.00286
6300	2.0945	3.5279	4.4590	1.4303	5.264	1.1759	4.5671	1.00321
6400	2.1188	3.5626	4.4679	1.4365	5.339	1.1859	4.5891	1.00356
6500	2.1427	3.5971	4.4768	1.4422	5.415	1.1963	4.6118	1.00395
6600	2.1664	3.6314	4.4857	1.4485	5.493	1.2072	4.6356	1.00436
6700	2.1899	3.6654	4.4945	1.4553	5.574	1.2185	4.6603	1.00480
6800	2.2130	3.6991	4.5033	1.4626	5.657	1.2303	4.6857	1.00526
6900	2.2358	3.7325	4.5120	1.4705	5.742	1.2426	4.7118	1.00574
7000	2.2582	3.7656	4.5208	1.4794	5.830	1.2553	4.7387	1.00625
7100	2.2802	3.7983	4.5294	1.4886	5.921	1.2684	4.7658	1.00678
7200	2.3019	3.8307	4.5380	1.4974	6.012	1.2820	4.7937	1.00734
7300	2.3233	3.8628	4.5466	1.5066	6.105	1.2961	4.8221	1.00792
7400	2.3443	3.8945	4.5551	1.5165	6.202	1.3106	4.8510	1.00852
7500	2.3650	3.9260	4.5635	1.5266	6.300	1.3256	4.8805	1.00916
7600	2.3853	3.9571	4.5719	1.5317	6.389	1.3410	4.9106	1.00980

S/R= 27.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.2099	-3.6463	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.4570	-2.5924	2.8445	1.4001	0.856	1.0000	3.4955	1.00000
300	-2.0167	-1.9758	3.0211	1.3994	1.048	1.0000	3.4990	1.00000
400	-1.7032	-1.5375	3.1470	1.3967	1.209	1.0001	3.5072	1.00000
500	-1.4577	-1.1949	3.2450	1.3915	1.349	1.0002	3.5156	1.00000
600	-1.2529	-0.9109	3.3251	1.3820	1.473	1.0003	3.5232	1.00000
700	-1.0750	-0.6660	3.3930	1.3709	1.584	1.0004	3.5310	1.00000
800	-0.9161	-0.4492	3.4552	1.3603	1.687	1.0005	3.5656	1.00000
900	-0.7720	-0.2538	3.5098	1.3503	1.783	1.0006	3.5940	1.00000
1000	-0.6392	-0.0753	3.5590	1.3420	1.874	1.0003	3.6220	1.00000
1100	-0.5169	0.0884	3.6040	1.3358	1.961	1.0004	3.6524	1.00000
1200	-0.4031	0.2401	3.6454	1.3298	2.043	1.0005	3.6828	1.00000
1300	-0.2965	0.3815	3.6836	1.3247	2.123	1.0007	3.7125	1.00000
1400	-0.1965	0.5138	3.7192	1.3200	2.199	1.0009	3.7414	1.00000
1500	-0.1021	0.6382	3.7523	1.3161	2.273	1.0011	3.7690	1.00000
1600	-0.0129	0.7554	3.7834	1.3136	2.346	1.0014	3.7955	1.00000
1700	0.0717	0.8664	3.8126	1.3118	2.417	1.0017	3.8206	1.00000
1800	0.1520	0.9717	3.8401	1.3102	2.486	1.0020	3.8444	1.00000
1900	0.2285	1.0718	3.8661	1.2974	2.542	1.0024	3.8671	1.00000
2000	0.3071	1.1730	3.8921	1.2942	2.605	1.0029	3.8999	1.00000
2100	0.3777	1.2650	3.9156	1.3035	2.680	1.0034	3.9212	1.00000
2200	0.4451	1.3529	3.9382	1.3029	2.743	1.0040	3.9422	1.00000
2300	0.5099	1.4373	3.9595	1.3020	2.805	1.0047	3.9611	1.00000
2400	0.5722	1.5183	3.9800	1.3017	2.866	1.0054	3.9795	1.00000
2500	0.6322	1.5964	3.9998	1.3018	2.926	1.0062	3.9980	1.00000
2600	0.6898	1.6714	4.0186	1.3019	2.986	1.0071	4.0148	1.00000
2700	0.7455	1.7439	4.0368	1.3020	3.044	1.0081	4.0308	1.00000
2800	0.7993	1.8140	4.0543	1.3027	3.103	1.0091	4.0471	1.00000
2900	0.8512	1.8817	4.0711	1.3035	3.160	1.0103	4.0621	1.00000
3000	0.9015	1.9473	4.0874	1.3045	3.218	1.0116	4.0763	1.00000

S/R= 27.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	0.9502	2.0107	4.1032	1.3060	3.275	1.0130	4.0909	1.00000
3200	0.9973	2.0724	4.1184	1.3070	3.331	1.0146	4.1044	1.00000
3300	1.0431	2.1322	4.1332	1.3078	3.387	1.0162	4.1178	1.00000
3400	1.0875	2.1903	4.1476	1.3090	3.442	1.0180	4.1314	1.00000
3500	1.1307	2.2469	4.1614	1.3103	3.497	1.0198	4.1436	1.00001
3600	1.1727	2.3020	4.1750	1.3119	3.552	1.0218	4.1564	1.00001
3700	1.2136	2.3557	4.1882	1.3134	3.607	1.0239	4.1682	1.00002
3800	1.2535	2.4080	4.2011	1.3152	3.662	1.0261	4.1811	1.00003
3900	1.2923	2.4592	4.2136	1.3173	3.717	1.0284	4.1932	1.00003
4000	1.3302	2.5091	4.2258	1.3193	3.772	1.0310	4.2048	1.00005
4100	1.3673	2.5580	4.2378	1.3213	3.827	1.0337	4.2172	1.00006
4200	1.4035	2.6059	4.2495	1.3230	3.881	1.0366	4.2294	1.00009
4300	1.4390	2.6529	4.2611	1.3243	3.935	1.0396	4.2426	1.00011
4400	1.4739	2.6991	4.2724	1.3256	3.988	1.0428	4.2552	1.00014
4500	1.5082	2.7446	4.2836	1.3262	4.041	1.0463	4.2695	1.00019
4600	1.5422	2.7897	4.2946	1.3254	4.091	1.0500	4.2840	1.00023
4700	1.5761	2.8347	4.3056	1.3233	4.141	1.0541	4.3003	1.00030
4800	1.6101	2.8796	4.3166	1.3206	4.189	1.0584	4.3189	1.00036
4900	1.6443	2.9247	4.3277	1.3175	4.237	1.0632	4.3400	1.00044
5000	1.6788	2.9700	4.3388	1.4232	4.459	1.0684	4.3631	1.00053
5100	1.6924	2.9932	4.3449	1.4611	4.567	1.0706	4.3386	1.00066
5200	1.7219	3.0331	4.3547	1.3543	4.450	1.0755	4.3521	1.00078
5300	1.7511	3.0726	4.3644	1.3567	4.508	1.0806	4.3666	1.00093
5400	1.7799	3.1117	4.3740	1.3597	4.567	1.0861	4.3818	1.00109
5500	1.8083	3.1504	4.3836	1.3637	4.628	1.0919	4.3975	1.00127
5600	1.8362	3.1886	4.3930	1.3680	4.690	1.0979	4.4138	1.00147
5700	1.8638	3.2263	4.4023	1.3724	4.753	1.1042	4.4307	1.00169
5800	1.8909	3.2636	4.4116	1.3771	4.817	1.1109	4.4480	1.00194
5900	1.9176	3.3005	4.4208	1.3822	4.883	1.1179	4.4658	1.00221
6000	1.9439	3.3369	4.4298	1.3875	4.949	1.1252	4.4842	1.00251
6100	1.9699	3.3730	4.4388	1.3927	5.017	1.1329	4.5031	1.00283
6200	1.9955	3.4087	4.4478	1.3980	5.085	1.1409	4.5228	1.00317
6300	2.0208	3.4441	4.4567	1.4038	5.156	1.1493	4.5431	1.00354
6400	2.0457	3.4793	4.4655	1.4094	5.226	1.1581	4.5642	1.00394
6500	2.0704	3.5142	4.4744	1.4143	5.297	1.1673	4.5861	1.00437
6600	2.0949	3.5488	4.4832	1.4197	5.370	1.1769	4.6092	1.00481
6700	2.1191	3.5833	4.4919	1.4257	5.445	1.1870	4.6330	1.00529
6800	2.1431	3.6175	4.5007	1.4324	5.523	1.1975	4.6576	1.00580
6900	2.1667	3.6514	4.5094	1.4394	5.602	1.2085	4.6829	1.00633
7000	2.1899	3.6850	4.5180	1.4473	5.685	1.2199	4.7088	1.00690
7100	2.2128	3.7182	4.5266	1.4555	5.769	1.2317	4.7352	1.00748
7200	2.2354	3.7511	4.5351	1.4634	5.854	1.2440	4.7622	1.00809
7300	2.2576	3.7837	4.5436	1.4717	5.942	1.2567	4.7898	1.00873
7400	2.2795	3.8160	4.5521	1.4806	6.032	1.2699	4.8178	1.00939
7500	2.3010	3.8480	4.5605	1.4898	6.124	1.2835	4.8465	1.01008
7600	2.3222	3.8797	4.5689	1.4991	6.218	1.2975	4.8757	1.01079
7700	2.3431	3.9111	4.5772	1.5081	6.312	1.3121	4.9056	1.01152
7800	2.3638	3.9423	4.5855	1.5169	6.408	1.3271	4.9361	1.01228
7900	2.3841	3.9733	4.5938	1.5213	6.496	1.3427	4.9676	1.01305

S/R= 27.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.2968	-3.7332	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.5439	-2.6793	2.8445	1.3999	0.856	1.0000	3.4955	1.00000

S/R= 27.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-2.1035	-2.0627	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-1.7900	-1.6243	3.1470	1.3970	1.209	1.0001	3.5072	1.00000
500	-1.5445	-1.2818	3.2450	1.3916	1.349	1.0002	3.5156	1.00000
600	-1.3398	-0.9978	3.3251	1.3820	1.473	1.0002	3.5232	1.00000
700	-1.1618	-0.7529	3.3930	1.3709	1.584	1.0003	3.5310	1.00000
800	-1.0029	-0.5360	3.4552	1.3603	1.687	1.0004	3.5656	1.00000
900	-0.8588	-0.3407	3.5098	1.3502	1.783	1.0005	3.5939	1.00000
1000	-0.7260	-0.1621	3.5589	1.3420	1.874	1.0002	3.6220	1.00000
1100	-0.6038	0.0015	3.6040	1.3357	1.960	1.0003	3.6524	1.00000
1200	-0.4899	0.1532	3.6454	1.3296	2.043	1.0004	3.6827	1.00000
1300	-0.3834	0.2946	3.6836	1.3246	2.123	1.0006	3.7124	1.00000
1400	-0.2832	0.4270	3.7191	1.3202	2.199	1.0007	3.7412	1.00000
1500	-0.1889	0.5514	3.7523	1.3162	2.273	1.0009	3.7688	1.00000
1600	-0.0997	0.6686	3.7834	1.3129	2.345	1.0011	3.7952	1.00000
1700	-0.0150	0.7796	3.8125	1.3109	2.416	1.0014	3.8203	1.00000
1800	0.0653	0.8848	3.8401	1.3095	2.485	1.0016	3.8441	1.00000
1900	0.1418	0.9850	3.8661	1.2969	2.541	1.0020	3.8667	1.00000
2000	0.2205	1.0862	3.8920	1.2936	2.604	1.0024	3.8995	1.00000
2100	0.2911	1.1781	3.9156	1.3026	2.678	1.0028	3.9206	1.00000
2200	0.3586	1.2660	3.9381	1.3019	2.741	1.0033	3.9416	1.00000
2300	0.4234	1.3504	3.9595	1.3010	2.803	1.0038	3.9603	1.00000
2400	0.4858	1.4315	3.9799	1.3005	2.863	1.0044	3.9786	1.00000
2500	0.5458	1.5095	3.9997	1.3005	2.923	1.0051	3.9969	1.00000
2600	0.6035	1.5846	4.0185	1.3003	2.982	1.0058	4.0135	1.00000
2700	0.6593	1.6571	4.0366	1.3001	3.040	1.0066	4.0293	1.00000
2800	0.7132	1.7271	4.0541	1.3005	3.097	1.0075	4.0454	1.00000
2900	0.7652	1.7948	4.0710	1.3010	3.154	1.0084	4.0603	1.00000
3000	0.8156	1.8604	4.0872	1.3015	3.210	1.0095	4.0743	1.00000
3100	0.8644	1.9239	4.1029	1.3027	3.267	1.0106	4.0886	1.00000
3200	0.9116	1.9855	4.1181	1.3038	3.323	1.0119	4.1018	1.00000
3300	0.9576	2.0454	4.1329	1.3048	3.378	1.0133	4.1150	1.00000
3400	1.0021	2.1036	4.1473	1.3055	3.432	1.0148	4.1284	1.00001
3500	1.0455	2.1602	4.1611	1.3061	3.486	1.0164	4.1403	1.00001
3600	1.0876	2.2153	4.1746	1.3074	3.540	1.0180	4.1528	1.00001
3700	1.1287	2.2689	4.1877	1.3086	3.593	1.0197	4.1642	1.00002
3800	1.1686	2.3213	4.2006	1.3100	3.647	1.0216	4.1766	1.00003
3900	1.2076	2.3724	4.2131	1.3113	3.700	1.0235	4.1882	1.00004
4000	1.2457	2.4223	4.2252	1.3126	3.752	1.0256	4.1993	1.00006
4100	1.2829	2.4712	4.2372	1.3141	3.805	1.0278	4.2111	1.00007
4200	1.3193	2.5190	4.2488	1.3155	3.858	1.0302	4.2227	1.00010
4300	1.3550	2.5660	4.2604	1.3163	3.910	1.0327	4.2354	1.00012
4400	1.3901	2.6122	4.2716	1.3168	3.961	1.0354	4.2474	1.00016
4500	1.4247	2.6578	4.2827	1.3164	4.010	1.0382	4.2611	1.00021
4600	1.4589	2.7028	4.2937	1.3147	4.058	1.0413	4.2748	1.00026
4700	1.4931	2.7478	4.3046	1.3121	4.104	1.0446	4.2903	1.00033
4800	1.5274	2.7927	4.3155	1.3090	4.150	1.0482	4.3080	1.00040
4900	1.5618	2.8377	4.3265	1.3052	4.195	1.0522	4.3283	1.00049
5000	1.5967	2.8831	4.3375	1.4090	4.412	1.0565	4.3505	1.00059
5100	1.6109	2.9069	4.3438	1.4450	4.517	1.0587	4.3269	1.00073
5200	1.6408	2.9469	4.3535	1.3395	4.400	1.0628	4.3399	1.00086
5300	1.6704	2.9866	4.3631	1.3412	4.454	1.0672	4.3537	1.00103
5400	1.6997	3.0258	4.3727	1.3435	4.509	1.0719	4.3683	1.00120
5500	1.7285	3.0646	4.3822	1.3466	4.567	1.0768	4.3835	1.00140
5600	1.7570	3.1030	4.3916	1.3500	4.625	1.0820	4.3992	1.00162
5700	1.7851	3.1410	4.4008	1.3536	4.684	1.0875	4.4154	1.00187

S/R= 27.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	1.8127	3.1785	4.4100	1.3575	4.744	1.0932	4.4321	1.00214
5900	1.8401	3.2156	4.4191	1.3617	4.806	1.0992	4.4492	1.00244
6000	1.8670	3.2523	4.4282	1.3661	4.868	1.1056	4.4671	1.00276
6100	1.8936	3.2887	4.4371	1.3704	4.931	1.1122	4.4854	1.00312
6200	1.9198	3.3248	4.4460	1.3747	4.995	1.1192	4.5044	1.00350
6300	1.9458	3.3605	4.4549	1.3793	5.060	1.1266	4.5241	1.00391
6400	1.9715	3.3960	4.4637	1.3838	5.125	1.1343	4.5445	1.00435
6500	1.9969	3.4313	4.4724	1.3884	5.192	1.1424	4.5659	1.00482
6600	2.0222	3.4664	4.4812	1.3935	5.261	1.1509	4.5882	1.00531
6700	2.0472	3.5013	4.4899	1.3989	5.332	1.1599	4.6114	1.00584
6800	2.0719	3.5359	4.4986	1.4049	5.405	1.1692	4.6353	1.00640
6900	2.0963	3.5703	4.5072	1.4111	5.479	1.1790	4.6600	1.00698
7000	2.1204	3.6044	4.5158	1.4180	5.556	1.1892	4.6853	1.00760
7100	2.1441	3.6381	4.5244	1.4255	5.635	1.1998	4.7110	1.00824
7200	2.1675	3.6715	4.5329	1.4328	5.715	1.2108	4.7374	1.00891
7300	2.1906	3.7047	4.5413	1.4402	5.797	1.2223	4.7643	1.00960
7400	2.2134	3.7376	4.5497	1.4482	5.881	1.2342	4.7917	1.01033
7500	2.2358	3.7701	4.5581	1.4565	5.967	1.2466	4.8197	1.01109
7600	2.2579	3.8024	4.5664	1.4648	6.055	1.2594	4.8482	1.01186
7700	2.2797	3.8344	4.5747	1.4732	6.144	1.2727	4.8773	1.01266
7800	2.3012	3.8662	4.5829	1.4811	6.234	1.2865	4.9073	1.01349
7900	2.3224	3.8978	4.5912	1.4893	6.326	1.3007	4.9380	1.01433
8000	2.3435	3.9292	4.5994	1.4978	6.420	1.3155	4.9696	1.01520
8100	2.3643	3.9605	4.6077	1.5062	6.516	1.3309	5.0023	1.01608
8200	2.3849	3.9916	4.6159	1.5104	6.605	1.3468	5.0359	1.01698

S/R= 28.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.3836	-3.8200	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.6308	-2.7661	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.1903	-2.1495	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-1.8768	-1.7112	3.1470	1.3973	1.209	1.0001	3.5072	1.00000
500	-1.6314	-1.3687	3.2450	1.3917	1.349	1.0001	3.5156	1.00000
600	-1.4266	-1.0846	3.3251	1.3819	1.473	1.0002	3.5232	1.00000
700	-1.2487	-0.8397	3.3930	1.3708	1.584	1.0003	3.5310	1.00000
800	-1.0898	-0.6229	3.4552	1.3602	1.687	1.0004	3.5655	1.00000
900	-0.9456	-0.4275	3.5098	1.3502	1.783	1.0005	3.5939	1.00000
1000	-0.8129	-0.2490	3.5589	1.3419	1.873	1.0002	3.6220	1.00000
1100	-0.6906	-0.0853	3.6040	1.3356	1.960	1.0003	3.6523	1.00000
1200	-0.5767	0.0664	3.6453	1.3295	2.043	1.0004	3.6826	1.00000
1300	-0.4702	0.2078	3.6836	1.3244	2.122	1.0005	3.7123	1.00000
1400	-0.3700	0.3401	3.7191	1.3202	2.199	1.0006	3.7411	1.00000
1500	-0.2757	0.4645	3.7523	1.3165	2.273	1.0007	3.7687	1.00000
1600	-0.1864	0.5819	3.7833	1.3130	2.345	1.0009	3.7951	1.00000
1700	-0.1018	0.6928	3.8125	1.3102	2.415	1.0011	3.8201	1.00000
1800	-0.0214	0.7980	3.8400	1.3085	2.483	1.0013	3.8439	1.00000
1900	0.0551	0.8982	3.8661	1.2962	2.540	1.0016	3.8664	1.00000
2000	0.1339	0.9993	3.8920	1.2931	2.603	1.0020	3.8991	1.00000
2100	0.2045	1.0913	3.9155	1.3019	2.677	1.0023	3.9201	1.00000
2200	0.2720	1.1792	3.9380	1.3010	2.740	1.0027	3.9410	1.00000
2300	0.3369	1.2636	3.9594	1.3001	2.801	1.0031	3.9597	1.00000
2400	0.3993	1.3446	3.9799	1.2994	2.861	1.0036	3.9778	1.00000
2500	0.4593	1.4227	3.9996	1.2992	2.920	1.0042	3.9960	1.00000
2600	0.5171	1.4977	4.0184	1.2990	2.979	1.0047	4.0125	1.00000

S/R= 28.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	0.5729	1.5702	4.0365	1.2987	3.036	1.0054	4.0281	1.00000
2800	0.6269	1.6403	4.0540	1.2988	3.093	1.0061	4.0440	1.00000
2900	0.6790	1.7079	4.0708	1.2988	3.149	1.0069	4.0587	1.00000
3000	0.7295	1.7735	4.0870	1.2990	3.205	1.0078	4.0725	1.00000
3100	0.7784	1.8371	4.1027	1.2999	3.260	1.0087	4.0868	1.00000
3200	0.8257	1.8987	4.1179	1.3007	3.315	1.0097	4.0997	1.00000
3300	0.8718	1.9585	4.1326	1.3015	3.369	1.0108	4.1126	1.00000
3400	0.9165	2.0167	4.1470	1.3024	3.423	1.0121	4.1258	1.00001
3500	0.9600	2.0734	4.1608	1.3034	3.477	1.0134	4.1376	1.00001
3600	1.0022	2.1285	4.1743	1.3041	3.530	1.0149	4.1498	1.00002
3700	1.0434	2.1822	4.1874	1.3046	3.582	1.0164	4.1609	1.00002
3800	1.0835	2.2346	4.2002	1.3056	3.634	1.0179	4.1730	1.00003
3900	1.1226	2.2857	4.2127	1.3066	3.686	1.0195	4.1842	1.00004
4000	1.1608	2.3355	4.2248	1.3074	3.737	1.0212	4.1949	1.00006
4100	1.1981	2.3844	4.2367	1.3083	3.788	1.0230	4.2062	1.00008
4200	1.2347	2.4322	4.2483	1.3090	3.839	1.0249	4.2173	1.00010
4300	1.2706	2.4792	4.2598	1.3092	3.888	1.0270	4.2295	1.00014
4400	1.3058	2.5254	4.2709	1.3094	3.938	1.0292	4.2410	1.00018
4500	1.3406	2.5709	4.2820	1.3088	3.986	1.0316	4.2541	1.00023
4600	1.3751	2.6160	4.2929	1.3064	4.031	1.0341	4.2673	1.00029
4700	1.4095	2.6609	4.3038	1.3028	4.075	1.0369	4.2823	1.00036
4800	1.4440	2.7058	4.3146	1.2988	4.117	1.0398	4.2992	1.00044
4900	1.4787	2.7508	4.3256	1.2943	4.159	1.0431	4.3187	1.00054
5000	1.5139	2.7962	4.3365	1.3950	4.369	1.0466	4.3401	1.00065
5100	1.5288	2.8206	4.3428	1.4294	4.471	1.0488	4.3176	1.00080
5200	1.5590	2.8608	4.3525	1.3270	4.357	1.0523	4.3302	1.00095
5300	1.5890	2.9006	4.3621	1.3279	4.409	1.0560	4.3436	1.00113
5400	1.6187	2.9400	4.3717	1.3295	4.461	1.0600	4.3577	1.00133
5500	1.6480	2.9790	4.3811	1.3314	4.514	1.0642	4.3724	1.00154
5600	1.6770	3.0176	4.3904	1.3341	4.569	1.0686	4.3876	1.00179
5700	1.7055	3.0558	4.3997	1.3371	4.625	1.0733	4.4034	1.00207
5800	1.7337	3.0935	4.4088	1.3402	4.682	1.0783	4.4197	1.00237
5900	1.7616	3.1309	4.4179	1.3435	4.739	1.0835	4.4365	1.00269
6000	1.7891	3.1679	4.4269	1.3471	4.798	1.0890	4.4538	1.00305
6100	1.8163	3.2046	4.4358	1.3506	4.857	1.0948	4.4717	1.00345
6200	1.8432	3.2410	4.4447	1.3541	4.916	1.1009	4.4903	1.00386
6300	1.8699	3.2771	4.4535	1.3579	4.977	1.1073	4.5096	1.00431
6400	1.8962	3.3130	4.4622	1.3615	5.038	1.1141	4.5296	1.00480
6500	1.9224	3.3486	4.4710	1.3651	5.101	1.1212	4.5505	1.00531
6600	1.9484	3.3841	4.4797	1.3692	5.165	1.1288	4.5724	1.00585
6700	1.9741	3.4194	4.4884	1.3737	5.230	1.1367	4.5951	1.00643
6800	1.9996	3.4545	4.4970	1.3796	5.300	1.1450	4.6186	1.00704
6900	2.0248	3.4894	4.5056	1.3854	5.370	1.1537	4.6428	1.00769
7000	2.0497	3.5239	4.5142	1.3915	5.442	1.1628	4.6676	1.00836
7100	2.0743	3.5582	4.5227	1.3983	5.517	1.1723	4.6930	1.00906
7200	2.0985	3.5922	4.5312	1.4048	5.592	1.1822	4.7188	1.00980
7300	2.1225	3.6259	4.5396	1.4115	5.669	1.1926	4.7452	1.01056
7400	2.1461	3.6594	4.5479	1.4187	5.748	1.2033	4.7722	1.01135
7500	2.1694	3.6925	4.5563	1.4262	5.829	1.2145	4.7997	1.01218
7600	2.1924	3.7254	4.5646	1.4339	5.911	1.2262	4.8277	1.01303
7700	2.2151	3.7580	4.5728	1.4415	5.995	1.2383	4.8563	1.01390
7800	2.2375	3.7904	4.5810	1.4487	6.080	1.2509	4.8857	1.01480
7900	2.2596	3.8226	4.5892	1.4563	6.167	1.2639	4.9158	1.01572
8000	2.2816	3.8546	4.5974	1.4639	6.255	1.2775	4.9468	1.01666
8100	2.3033	3.8865	4.6056	1.4718	6.346	1.2917	4.9789	1.01763

S/R= 28.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	2.3248	3.9182	4.6138	1.4799	6.439	1.3063	5.0119	1.01861
8300	2.3461	3.9498	4.6220	1.4884	6.534	1.3216	5.0458	1.01959
8400	2.3671	3.9811	4.6302	1.4978	6.633	1.3373	5.0806	1.02059
8500	2.3878	4.0123	4.6384	1.5027	6.724	1.3535	5.1163	1.02161

S/R= 28.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.4705	-3.9069	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.7176	-2.8530	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.2771	-2.2364	3.0211	1.3992	1.048	1.0000	3.4990	1.00000
400	-1.9637	-1.7981	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-1.7183	-1.4555	3.2450	1.3917	1.349	1.0001	3.5156	1.00000
600	-1.5135	-1.1715	3.3251	1.3819	1.473	1.0002	3.5232	1.00000
700	-1.3355	-0.9266	3.3930	1.3708	1.584	1.0002	3.5310	1.00000
800	-1.1766	-0.7097	3.4552	1.3601	1.687	1.0004	3.5655	1.00000
900	-1.0325	-0.5144	3.5098	1.3501	1.783	1.0004	3.5939	1.00000
1000	-0.8997	-0.3359	3.5589	1.3419	1.873	1.0002	3.6219	1.00000
1100	-0.7774	-0.1722	3.6040	1.3355	1.960	1.0002	3.6523	1.00000
1200	-0.6635	-0.0205	3.6453	1.3294	2.043	1.0003	3.6826	1.00000
1300	-0.5570	0.1209	3.6836	1.3243	2.122	1.0004	3.7123	1.00000
1400	-0.4568	0.2533	3.7191	1.3200	2.199	1.0005	3.7410	1.00000
1500	-0.3624	0.3777	3.7523	1.3165	2.273	1.0006	3.7686	1.00000
1600	-0.2732	0.4950	3.7833	1.3133	2.345	1.0007	3.7949	1.00000
1700	-0.1886	0.6060	3.8125	1.3103	2.415	1.0009	3.8199	1.00000
1800	-0.1082	0.7113	3.8400	1.3078	2.482	1.0011	3.8437	1.00000
1900	-0.0316	0.8114	3.8660	1.2954	2.539	1.0013	3.8662	1.00000
2000	0.0472	0.9125	3.8920	1.2925	2.602	1.0016	3.8988	1.00000
2100	0.1178	1.0044	3.9155	1.3013	2.676	1.0019	3.9197	1.00000
2200	0.1854	1.0923	3.9380	1.3003	2.738	1.0022	3.9405	1.00000
2300	0.2503	1.1767	3.9593	1.2993	2.799	1.0026	3.9591	1.00000
2400	0.3127	1.2578	3.9798	1.2986	2.859	1.0029	3.9772	1.00000
2500	0.3728	1.3358	3.9995	1.2983	2.918	1.0034	3.9953	1.00000
2600	0.4306	1.4109	4.0183	1.2979	2.976	1.0039	4.0117	1.00000
2700	0.4865	1.4834	4.0364	1.2974	3.033	1.0044	4.0271	1.00000
2800	0.5405	1.5534	4.0539	1.2975	3.090	1.0050	4.0429	1.00000
2900	0.5926	1.6211	4.0707	1.2973	3.145	1.0057	4.0574	1.00000
3000	0.6432	1.6867	4.0868	1.2972	3.200	1.0064	4.0711	1.00000
3100	0.6922	1.7502	4.1026	1.2977	3.255	1.0071	4.0852	1.00000
3200	0.7396	1.8118	4.1177	1.2980	3.309	1.0079	4.0979	1.00000
3300	0.7858	1.8717	4.1324	1.2984	3.362	1.0088	4.1106	1.00000
3400	0.8306	1.9298	4.1468	1.2992	3.415	1.0098	4.1236	1.00001
3500	0.8742	1.9865	4.1606	1.3002	3.468	1.0109	4.1351	1.00001
3600	0.9166	2.0417	4.1741	1.3013	3.521	1.0121	4.1472	1.00002
3700	0.9579	2.0955	4.1871	1.3022	3.573	1.0134	4.1581	1.00002
3800	0.9981	2.1479	4.1999	1.3026	3.624	1.0148	4.1701	1.00003
3900	1.0373	2.1990	4.2124	1.3028	3.674	1.0162	4.1811	1.00005
4000	1.0756	2.2489	4.2244	1.3031	3.724	1.0176	4.1915	1.00006
4100	1.1131	2.2977	4.2363	1.3036	3.774	1.0191	4.2024	1.00008
4200	1.1498	2.3455	4.2479	1.3039	3.823	1.0207	4.2131	1.00012
4300	1.1858	2.3924	4.2593	1.3037	3.871	1.0224	4.2249	1.00015
4400	1.2212	2.4386	4.2704	1.3032	3.919	1.0242	4.2359	1.00020
4500	1.2561	2.4841	4.2814	1.3020	3.965	1.0261	4.2485	1.00025
4600	1.2907	2.5292	4.2923	1.2992	4.009	1.0282	4.2612	1.00032
4700	1.3253	2.5741	4.3031	1.2953	4.050	1.0305	4.2756	1.00040

S/R= 28.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	1.3600	2.6189	4.3139	1.2909	4.091	1.0329	4.2920	1.00049
4900	1.3950	2.6640	4.3248	1.2856	4.130	1.0356	4.3109	1.00060
5000	1.4304	2.7094	4.3356	1.3814	4.331	1.0385	4.3316	1.00072
5100	1.4460	2.7344	4.3421	1.4136	4.429	1.0405	4.3104	1.00089
5200	1.4766	2.7747	4.3517	1.3158	4.321	1.0435	4.3226	1.00106
5300	1.5070	2.8147	4.3613	1.3161	4.370	1.0467	4.3357	1.00125
5400	1.5371	2.8543	4.3708	1.3174	4.420	1.0501	4.3495	1.00147
5500	1.5668	2.8935	4.3802	1.3187	4.470	1.0537	4.3640	1.00171
5600	1.5962	2.9323	4.3896	1.3204	4.522	1.0575	4.3790	1.00198
5700	1.6253	2.9707	4.3988	1.3225	4.574	1.0615	4.3944	1.00229
5800	1.6540	3.0087	4.4079	1.3248	4.628	1.0658	4.4105	1.00261
5900	1.6824	3.0464	4.4170	1.3273	4.682	1.0703	4.4270	1.00297
6000	1.7105	3.0838	4.4259	1.3302	4.737	1.0751	4.4441	1.00337
6100	1.7383	3.1207	4.4348	1.3330	4.792	1.0802	4.4618	1.00380
6200	1.7658	3.1575	4.4437	1.3359	4.849	1.0855	4.4801	1.00426
6300	1.7931	3.1939	4.4525	1.3389	4.906	1.0911	4.4992	1.00475
6400	1.8202	3.2302	4.4612	1.3416	4.963	1.0971	4.5190	1.00528
6500	1.8470	3.2663	4.4699	1.3445	5.021	1.1034	4.5396	1.00585
6600	1.8737	3.3022	4.4786	1.3479	5.082	1.1100	4.5613	1.00644
6700	1.9002	3.3380	4.4873	1.3518	5.144	1.1170	4.5838	1.00708
6800	1.9265	3.3735	4.4959	1.3564	5.208	1.1244	4.6070	1.00775
6900	1.9525	3.4088	4.5045	1.3612	5.273	1.1321	4.6309	1.00846
7000	1.9782	3.4439	4.5131	1.3667	5.341	1.1403	4.6554	1.00919
7100	2.0036	3.4787	4.5215	1.3732	5.412	1.1488	4.6805	1.00996
7200	2.0287	3.5132	4.5300	1.3794	5.483	1.1577	4.7060	1.01076
7300	2.0534	3.5475	4.5384	1.3855	5.556	1.1670	4.7321	1.01159
7400	2.0779	3.5815	4.5467	1.3920	5.630	1.1767	4.7588	1.01246
7500	2.1021	3.6152	4.5550	1.3987	5.706	1.1869	4.7860	1.01336
7600	2.1260	3.6487	4.5633	1.4056	5.784	1.1975	4.8136	1.01428
7700	2.1495	3.6819	4.5715	1.4127	5.863	1.2085	4.8419	1.01523
7800	2.1728	3.7149	4.5797	1.4195	5.943	1.2199	4.8710	1.01621
7900	2.1959	3.7477	4.5879	1.4262	6.025	1.2319	4.9007	1.01722
8000	2.2187	3.7803	4.5961	1.4332	6.108	1.2443	4.9313	1.01824
8100	2.2414	3.8129	4.6042	1.4406	6.194	1.2573	4.9629	1.01929
8200	2.2638	3.8452	4.6124	1.4480	6.282	1.2708	4.9954	1.02035
8300	2.2860	3.8774	4.6205	1.4559	6.372	1.2849	5.0288	1.02142
8400	2.3078	3.9094	4.6287	1.4648	6.466	1.2994	5.0630	1.02250
8500	2.3295	3.9412	4.6368	1.4739	6.562	1.3145	5.0981	1.02360
8600	2.3508	3.9727	4.6449	1.4828	6.660	1.3301	5.1338	1.02473
8700	2.3719	4.0040	4.6530	1.4921	6.760	1.3462	5.1703	1.02586
8800	2.3926	4.0351	4.6611	1.4973	6.852	1.3628	5.2075	1.02699

S/R= 28.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.5574	-3.9938	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.8045	-2.9398	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.3640	-2.3232	3.0211	1.3992	1.048	1.0000	3.4990	1.00000
400	-2.0505	-1.8849	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-1.8051	-1.5424	3.2450	1.3917	1.349	1.0001	3.5156	1.00000
600	-1.6003	-1.2584	3.3251	1.3819	1.473	1.0002	3.5232	1.00000
700	-1.4223	-1.0134	3.3930	1.3707	1.584	1.0002	3.5310	1.00000
800	-1.2635	-0.7966	3.4552	1.3601	1.687	1.0003	3.5655	1.00000
900	-1.1193	-0.6013	3.5098	1.3501	1.783	1.0004	3.5939	1.00000
1000	-0.9866	-0.4227	3.5589	1.3419	1.873	1.0001	3.6219	1.00000

S/R= 28.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	-0.8643	-0.2590	3.6040	1.3355	1.960	1.0002	3.6523	1.00000
1200	-0.7504	-0.1073	3.6453	1.3293	2.043	1.0002	3.6825	1.00000
1300	-0.6438	0.0341	3.6836	1.3242	2.122	1.0003	3.7122	1.00000
1400	-0.5437	0.1664	3.7191	1.3199	2.199	1.0004	3.7409	1.00000
1500	-0.4493	0.2908	3.7523	1.3163	2.273	1.0005	3.7685	1.00000
1600	-0.3600	0.4082	3.7833	1.3133	2.345	1.0006	3.7948	1.00000
1700	-0.2754	0.5192	3.8125	1.3106	2.415	1.0007	3.8198	1.00000
1800	-0.1949	0.6245	3.8400	1.3080	2.482	1.0009	3.8435	1.00000
1900	-0.1183	0.7246	3.8660	1.2946	2.538	1.0011	3.8659	1.00000
2000	-0.0395	0.8257	3.8919	1.2916	2.601	1.0014	3.8986	1.00000
2100	0.0311	0.9176	3.9154	1.3008	2.675	1.0016	3.9194	1.00000
2200	0.0987	1.0055	3.9379	1.2998	2.737	1.0018	3.9401	1.00000
2300	0.1636	1.0899	3.9593	1.2987	2.798	1.0021	3.9587	1.00000
2400	0.2261	1.1709	3.9797	1.2978	2.857	1.0024	3.9767	1.00000
2500	0.2862	1.2490	3.9994	1.2974	2.916	1.0028	3.9947	1.00000
2600	0.3441	1.3240	4.0182	1.2970	2.974	1.0032	4.0110	1.00000
2700	0.4000	1.3965	4.0363	1.2964	3.031	1.0036	4.0263	1.00000
2800	0.4540	1.4666	4.0538	1.2963	3.087	1.0041	4.0420	1.00000
2900	0.5062	1.5342	4.0705	1.2960	3.142	1.0046	4.0564	1.00000
3000	0.5568	1.5998	4.0867	1.2959	3.197	1.0052	4.0699	1.00000
3100	0.6059	1.6633	4.1024	1.2961	3.251	1.0058	4.0838	1.00000
3200	0.6534	1.7249	4.1176	1.2961	3.304	1.0065	4.0964	1.00000
3300	0.6996	1.7848	4.1322	1.2961	3.356	1.0072	4.1090	1.00000
3400	0.7444	1.8430	4.1466	1.2962	3.408	1.0080	4.1217	1.00001
3500	0.7882	1.8996	4.1603	1.2968	3.460	1.0088	4.1330	1.00001
3600	0.8307	1.9548	4.1738	1.2980	3.513	1.0098	4.1449	1.00002
3700	0.8721	2.0086	4.1868	1.2990	3.564	1.0109	4.1556	1.00002
3800	0.9124	2.0610	4.1996	1.2999	3.616	1.0120	4.1674	1.00003
3900	0.9518	2.1122	4.2121	1.3006	3.666	1.0133	4.1782	1.00005
4000	0.9902	2.1621	4.2241	1.3004	3.715	1.0146	4.1886	1.00007
4100	1.0278	2.2111	4.2360	1.3000	3.763	1.0159	4.1994	1.00009
4200	1.0646	2.2589	4.2475	1.2999	3.811	1.0172	4.2098	1.00013
4300	1.1007	2.3058	4.2589	1.2992	3.858	1.0187	4.2212	1.00017
4400	1.1362	2.3519	4.2700	1.2983	3.904	1.0201	4.2319	1.00022
4500	1.1713	2.3974	4.2810	1.2968	3.949	1.0217	4.2441	1.00028
4600	1.2060	2.4424	4.2918	1.2932	3.990	1.0234	4.2563	1.00036
4700	1.2408	2.4873	4.3025	1.2888	4.030	1.0252	4.2702	1.00045
4800	1.2756	2.5321	4.3133	1.2840	4.069	1.0272	4.2861	1.00055
4900	1.3108	2.5772	4.3241	1.2783	4.106	1.0294	4.3045	1.00066
5000	1.3463	2.6225	4.3349	1.3689	4.298	1.0319	4.3247	1.00080
5100	1.3628	2.6484	4.3415	1.3988	4.391	1.0337	4.3048	1.00098
5200	1.3937	2.6888	4.3512	1.3064	4.291	1.0363	4.3170	1.00117
5300	1.4245	2.7290	4.3608	1.3059	4.336	1.0390	4.3299	1.00138
5400	1.4550	2.7688	4.3702	1.3065	4.384	1.0419	4.3436	1.00162
5500	1.4851	2.8082	4.3796	1.3072	4.432	1.0449	4.3578	1.00188
5600	1.5150	2.8472	4.3889	1.3084	4.482	1.0482	4.3727	1.00218
5700	1.5445	2.8859	4.3982	1.3100	4.532	1.0517	4.3881	1.00252
5800	1.5737	2.9242	4.4073	1.3116	4.582	1.0554	4.4041	1.00288
5900	1.6027	2.9622	4.4163	1.3134	4.633	1.0594	4.4205	1.00328
6000	1.6313	2.9998	4.4253	1.3152	4.685	1.0635	4.4376	1.00371
6100	1.6597	3.0372	4.4342	1.3172	4.737	1.0679	4.4552	1.00418
6200	1.6879	3.0743	4.4430	1.3194	4.790	1.0726	4.4734	1.00469
6300	1.7158	3.1111	4.4518	1.3219	4.844	1.0775	4.4925	1.00523
6400	1.7435	3.1478	4.4606	1.3240	4.898	1.0828	4.5122	1.00581
6500	1.7710	3.1843	4.4693	1.3262	4.953	1.0884	4.5328	1.00644

S/R= 28.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	1.7984	3.2207	4.4780	1.3289	5.010	1.0943	4.5544	1.00709
6700	1.8256	3.2569	4.4866	1.3322	5.068	1.1005	4.5769	1.00779
6800	1.8527	3.2929	4.4953	1.3360	5.128	1.1070	4.6000	1.00852
6900	1.8794	3.3288	4.5038	1.3400	5.190	1.1139	4.6238	1.00929
7000	1.9060	3.3643	4.5124	1.3449	5.254	1.1212	4.6483	1.01009
7100	1.9321	3.3997	4.5209	1.3503	5.320	1.1288	4.6732	1.01094
7200	1.9581	3.4347	4.5293	1.3556	5.387	1.1368	4.6986	1.01181
7300	1.9837	3.4695	4.5377	1.3613	5.455	1.1452	4.7247	1.01272
7400	2.0090	3.5041	4.5460	1.3675	5.526	1.1540	4.7512	1.01367
7500	2.0340	3.5384	4.5543	1.3738	5.598	1.1632	4.7782	1.01464
7600	2.0588	3.5725	4.5626	1.3801	5.672	1.1728	4.8057	1.01564
7700	2.0832	3.6063	4.5708	1.3864	5.746	1.1828	4.8339	1.01668
7800	2.1074	3.6399	4.5790	1.3926	5.822	1.1933	4.8626	1.01774
7900	2.1314	3.6733	4.5871	1.3990	5.899	1.2042	4.8921	1.01883
8000	2.1551	3.7066	4.5953	1.4054	5.978	1.2156	4.9225	1.01993
8100	2.1787	3.7398	4.6034	1.4120	6.059	1.2275	4.9538	1.02107
8200	2.2020	3.7728	4.6116	1.4190	6.142	1.2399	4.9860	1.02222
8300	2.2251	3.8056	4.6197	1.4263	6.228	1.2528	5.0190	1.02338
8400	2.2479	3.8382	4.6278	1.4346	6.317	1.2663	5.0527	1.02455
8500	2.2704	3.8706	4.6359	1.4432	6.408	1.2802	5.0874	1.02574
8600	2.2926	3.9028	4.6440	1.4515	6.501	1.2947	5.1227	1.02695
8700	2.3146	3.9347	4.6521	1.4604	6.596	1.3096	5.1586	1.02817
8800	2.3362	3.9664	4.6601	1.4702	6.696	1.3251	5.1953	1.02940
8900	2.3575	3.9978	4.6681	1.4796	6.795	1.3410	5.2325	1.03064
9000	2.3785	4.0290	4.6761	1.4895	6.898	1.3575	5.2704	1.03188
9100	2.3991	4.0599	4.6840	1.4947	6.992	1.3744	5.3088	1.03313

S/R= 28.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.6442	-4.0806	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.8913	-3.0267	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.4508	-2.4101	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.1374	-1.9718	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-1.8920	-1.6292	3.2450	1.3917	1.349	1.0001	3.5156	1.00000
600	-1.6872	-1.3452	3.3251	1.3818	1.473	1.0001	3.5232	1.00000
700	-1.5092	-1.1003	3.3930	1.3707	1.584	1.0002	3.5310	1.00000
800	-1.3503	-0.8834	3.4552	1.3600	1.687	1.0003	3.5655	1.00000
900	-1.2061	-0.6881	3.5098	1.3501	1.783	1.0004	3.5939	1.00000
1000	-1.0734	-0.5096	3.5589	1.3419	1.873	1.0001	3.6219	1.00000
1100	-0.9511	-0.3459	3.6040	1.3354	1.960	1.0001	3.6522	1.00000
1200	-0.8372	-0.1942	3.6453	1.3292	2.043	1.0002	3.6825	1.00000
1300	-0.7306	-0.0528	3.6836	1.3241	2.122	1.0003	3.7122	1.00000
1400	-0.6305	0.0796	3.7191	1.3198	2.198	1.0003	3.7409	1.00000
1500	-0.5361	0.2040	3.7523	1.3161	2.273	1.0004	3.7684	1.00000
1600	-0.4468	0.3213	3.7833	1.3131	2.345	1.0005	3.7947	1.00000
1700	-0.3621	0.4324	3.8125	1.3105	2.414	1.0006	3.8196	1.00000
1800	-0.2817	0.5377	3.8400	1.3083	2.482	1.0007	3.8433	1.00000
1900	-0.2051	0.6378	3.8660	1.2942	2.537	1.0009	3.8658	1.00000
2000	-0.1263	0.7388	3.8919	1.2908	2.600	1.0011	3.8983	1.00000
2100	-0.0556	0.8307	3.9154	1.3006	2.674	1.0013	3.9191	1.00000
2200	0.0120	0.9186	3.9379	1.2993	2.736	1.0015	3.9399	1.00000
2300	0.0770	1.0030	3.9592	1.2981	2.797	1.0017	3.9584	1.00000
2400	0.1394	1.0841	3.9797	1.2972	2.856	1.0020	3.9763	1.00000
2500	0.1996	1.1621	3.9994	1.2967	2.915	1.0023	3.9942	1.00000

S/R= 28.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	0.2575	1.2372	4.0182	1.2962	2.973	1.0026	4.0104	1.00000
2700	0.3134	1.3096	4.0362	1.2955	3.029	1.0030	4.0257	1.00000
2800	0.3675	1.3797	4.0537	1.2953	3.085	1.0034	4.0413	1.00000
2900	0.4197	1.4474	4.0705	1.2949	3.140	1.0038	4.0556	1.00000
3000	0.4704	1.5130	4.0866	1.2947	3.194	1.0043	4.0690	1.00000
3100	0.5195	1.5765	4.1023	1.2949	3.248	1.0048	4.0828	1.00000
3200	0.5670	1.6381	4.1174	1.2949	3.301	1.0053	4.0952	1.00000
3300	0.6133	1.6979	4.1321	1.2946	3.352	1.0060	4.1076	1.00001
3400	0.6582	1.7561	4.1464	1.2943	3.403	1.0066	4.1202	1.00001
3500	0.7020	1.8127	4.1602	1.2943	3.454	1.0072	4.1313	1.00001
3600	0.7446	1.8679	4.1736	1.2947	3.505	1.0080	4.1430	1.00002
3700	0.7861	1.9216	4.1866	1.2955	3.556	1.0088	4.1535	1.00003
3800	0.8265	1.9740	4.1994	1.2965	3.607	1.0097	4.1650	1.00004
3900	0.8660	2.0252	4.2118	1.2975	3.657	1.0107	4.1757	1.00005
4000	0.9045	2.0752	4.2238	1.2978	3.706	1.0118	4.1857	1.00008
4100	0.9422	2.1242	4.2357	1.2979	3.754	1.0130	4.1964	1.00011
4200	0.9791	2.1721	4.2472	1.2975	3.802	1.0142	4.2069	1.00014
4300	1.0154	2.2191	4.2586	1.2961	3.847	1.0155	4.2183	1.00019
4400	1.0510	2.2653	4.2697	1.2945	3.892	1.0168	4.2287	1.00025
4500	1.0862	2.3108	4.2806	1.2925	3.935	1.0181	4.2406	1.00031
4600	1.1210	2.3558	4.2914	1.2886	3.975	1.0195	4.2525	1.00039
4700	1.1559	2.4006	4.3021	1.2838	4.014	1.0210	4.2660	1.00049
4800	1.1908	2.4454	4.3128	1.2783	4.051	1.0226	4.2815	1.00060
4900	1.2261	2.4904	4.3236	1.2720	4.086	1.0244	4.2994	1.00074
5000	1.2619	2.5357	4.3344	1.3567	4.267	1.0264	4.3191	1.00088
5100	1.2792	2.5624	4.3411	1.3840	4.356	1.0281	4.3008	1.00108
5200	1.3105	2.6031	4.3508	1.2982	4.265	1.0302	4.3129	1.00129
5300	1.3416	2.6434	4.3603	1.2973	4.309	1.0326	4.3258	1.00152
5400	1.3725	2.6834	4.3698	1.2974	4.355	1.0351	4.3395	1.00179
5500	1.4030	2.7231	4.3792	1.2973	4.400	1.0378	4.3538	1.00208
5600	1.4333	2.7624	4.3885	1.2977	4.447	1.0406	4.3687	1.00241
5700	1.4633	2.8013	4.3978	1.2986	4.494	1.0436	4.3841	1.00278
5800	1.4931	2.8400	4.4069	1.2997	4.543	1.0468	4.4001	1.00318
5900	1.5225	2.8783	4.4159	1.3010	4.591	1.0502	4.4166	1.00361
6000	1.5517	2.9163	4.4249	1.3024	4.641	1.0539	4.4338	1.00409
6100	1.5806	2.9540	4.4338	1.3038	4.690	1.0578	4.4516	1.00461
6200	1.6094	2.9915	4.4427	1.3050	4.740	1.0619	4.4700	1.00517
6300	1.6379	3.0287	4.4515	1.3067	4.791	1.0662	4.4891	1.00576
6400	1.6663	3.0658	4.4603	1.3082	4.842	1.0709	4.5090	1.00640
6500	1.6945	3.1028	4.4690	1.3098	4.894	1.0758	4.5297	1.00708
6600	1.7227	3.1396	4.4777	1.3120	4.948	1.0810	4.5515	1.00780
6700	1.7506	3.1763	4.4864	1.3147	5.003	1.0866	4.5740	1.00856
6800	1.7784	3.2129	4.4950	1.3177	5.059	1.0924	4.5973	1.00936
6900	1.8059	3.2492	4.5036	1.3211	5.118	1.0986	4.6213	1.01019
7000	1.8332	3.2853	4.5122	1.3254	5.178	1.1051	4.6458	1.01108
7100	1.8602	3.3212	4.5207	1.3301	5.240	1.1120	4.6708	1.01199
7200	1.8869	3.3568	4.5291	1.3347	5.303	1.1192	4.6964	1.01294
7300	1.9134	3.3922	4.5375	1.3397	5.368	1.1268	4.7224	1.01393
7400	1.9396	3.4273	4.5458	1.3449	5.434	1.1347	4.7490	1.01496
7500	1.9655	3.4622	4.5541	1.3505	5.502	1.1431	4.7760	1.01602
7600	1.9911	3.4969	4.5624	1.3565	5.572	1.1518	4.8035	1.01711
7700	2.0164	3.5313	4.5706	1.3625	5.643	1.1609	4.8317	1.01823
7800	2.0415	3.5656	4.5788	1.3683	5.715	1.1704	4.8604	1.01938
7900	2.0663	3.5996	4.5869	1.3742	5.789	1.1804	4.8898	1.02056
8000	2.0910	3.6335	4.5951	1.3800	5.863	1.1908	4.9200	1.02176

S/R= 28.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	2.1154	3.6674	4.6032	1.3861	5.940	1.2017	4.9512	1.02298
8200	2.1396	3.7010	4.6113	1.3925	6.019	1.2131	4.9832	1.02422
8300	2.1636	3.7345	4.6194	1.3994	6.100	1.2251	5.0160	1.02547
8400	2.1873	3.7677	4.6275	1.4070	6.184	1.2374	5.0495	1.02674
8500	2.2107	3.8008	4.6356	1.4150	6.271	1.2503	5.0837	1.02802
8600	2.2338	3.8336	4.6437	1.4230	6.359	1.2637	5.1187	1.02933
8700	2.2567	3.8661	4.6517	1.4313	6.450	1.2776	5.1542	1.03064
8800	2.2792	3.8984	4.6597	1.4406	6.545	1.2920	5.1905	1.03196
8900	2.3013	3.9305	4.6677	1.4496	6.640	1.3069	5.2273	1.03329
9000	2.3232	3.9622	4.6756	1.4591	6.738	1.3222	5.2646	1.03463
9100	2.3447	3.9937	4.6835	1.4685	6.838	1.3381	5.3025	1.03597
9200	2.3659	4.0249	4.6914	1.4785	6.941	1.3544	5.3408	1.03732
9300	2.3867	4.0558	4.6992	1.4841	7.035	1.3711	5.3795	1.03867

S/R= 28.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.7311	-4.1675	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-2.9782	-3.1136	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.5377	-2.4970	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.2243	-2.0586	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-1.9789	-1.7161	3.2450	1.3916	1.349	1.0001	3.5156	1.00000
600	-1.7741	-1.4321	3.3251	1.3818	1.473	1.0001	3.5232	1.00000
700	-1.5961	-1.1871	3.3930	1.3707	1.584	1.0002	3.5310	1.00000
800	-1.4372	-0.9703	3.4552	1.3599	1.687	1.0002	3.5655	1.00000
900	-1.2930	-0.7750	3.5098	1.3501	1.783	1.0003	3.5938	1.00000
1000	-1.1603	-0.5964	3.5589	1.3420	1.873	1.0001	3.6219	1.00000
1100	-1.0380	-0.4327	3.6039	1.3354	1.960	1.0001	3.6522	1.00000
1200	-0.9241	-0.2810	3.6453	1.3292	2.042	1.0002	3.6825	1.00000
1300	-0.8175	-0.1397	3.6836	1.3240	2.122	1.0002	3.7121	1.00000
1400	-0.7173	-0.0073	3.7191	1.3197	2.198	1.0003	3.7408	1.00000
1500	-0.6229	0.1171	3.7522	1.3160	2.272	1.0003	3.7683	1.00000
1600	-0.5336	0.2345	3.7833	1.3129	2.344	1.0004	3.7946	1.00000
1700	-0.4490	0.3455	3.8125	1.3103	2.414	1.0005	3.8195	1.00000
1800	-0.3685	0.4508	3.8400	1.3082	2.482	1.0006	3.8432	1.00000
1900	-0.2919	0.5510	3.8660	1.2941	2.537	1.0007	3.8656	1.00000
2000	-0.2191	0.6520	3.8919	1.2906	2.599	1.0009	3.8981	1.00000
2100	-0.1424	0.7439	3.9154	1.3003	2.674	1.0011	3.9189	1.00000
2200	-0.0748	0.8318	3.9379	1.2990	2.735	1.0012	3.9396	1.00000
2300	-0.0098	0.9162	3.9592	1.2977	2.796	1.0015	3.9581	1.00000
2400	0.0527	0.9972	3.9797	1.2967	2.855	1.0017	3.9759	1.00000
2500	0.1129	1.0753	3.9993	1.2961	2.914	1.0019	3.9938	1.00000
2600	0.1708	1.1503	4.0181	1.2956	2.971	1.0021	4.0099	1.00000
2700	0.2268	1.2228	4.0361	1.2948	3.027	1.0024	4.0251	1.00000
2800	0.2809	1.2928	4.0536	1.2945	3.083	1.0028	4.0407	1.00000
2900	0.3332	1.3605	4.0704	1.2941	3.138	1.0031	4.0549	1.00000
3000	0.3839	1.4261	4.0865	1.2937	3.191	1.0035	4.0683	1.00000
3100	0.4330	1.4896	4.1022	1.2937	3.245	1.0039	4.0820	1.00000
3200	0.4806	1.5512	4.1173	1.2937	3.297	1.0044	4.0943	1.00000
3300	0.5269	1.6111	4.1320	1.2936	3.349	1.0049	4.1066	1.00001
3400	0.5718	1.6692	4.1463	1.2933	3.400	1.0054	4.1190	1.00001
3500	0.6156	1.7258	4.1600	1.2928	3.450	1.0060	4.1299	1.00002
3600	0.6582	1.7810	4.1735	1.2926	3.500	1.0065	4.1414	1.00002
3700	0.6998	1.8347	4.1864	1.2927	3.549	1.0072	4.1518	1.00003
3800	0.7404	1.8871	4.1992	1.2931	3.599	1.0078	4.1631	1.00004

S/R= 28.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	0.7799	1.9383	4.2116	1.2939	3.648	1.0086	4.1736	1.00006
4000	0.8185	1.9882	4.2236	1.2945	3.697	1.0094	4.1834	1.00009
4100	0.8563	2.0372	4.2354	1.2948	3.745	1.0104	4.1938	1.00012
4200	0.8933	2.0851	4.2469	1.2948	3.793	1.0114	4.2040	1.00016
4300	0.9297	2.1321	4.2583	1.2939	3.838	1.0126	4.2152	1.00020
4400	0.9655	2.1784	4.2694	1.2927	3.883	1.0138	4.2257	1.00027
4500	1.0008	2.2241	4.2803	1.2900	3.925	1.0151	4.2377	1.00035
4600	1.0358	2.2691	4.2911	1.2850	3.963	1.0163	4.2494	1.00043
4700	1.0707	2.3140	4.3018	1.2798	4.001	1.0176	4.2627	1.00054
4800	1.1058	2.3588	4.3125	1.2740	4.037	1.0189	4.2779	1.00067
4900	1.1412	2.4038	4.3232	1.2672	4.070	1.0204	4.2954	1.00081
5000	1.1770	2.4490	4.3339	1.3454	4.240	1.0220	4.3146	1.00098
5100	1.1954	2.4766	4.3409	1.3700	4.324	1.0235	4.2982	1.00119
5200	1.2270	2.5174	4.3505	1.2908	4.242	1.0253	4.3103	1.00142
5300	1.2584	2.5580	4.3601	1.2895	4.285	1.0273	4.3233	1.00169
5400	1.2897	2.5983	4.3696	1.2889	4.329	1.0295	4.3371	1.00197
5500	1.3206	2.6382	4.3790	1.2886	4.373	1.0318	4.3515	1.00230
5600	1.3514	2.6778	4.3883	1.2888	4.418	1.0343	4.3666	1.00266
5700	1.3818	2.7170	4.3976	1.2890	4.463	1.0369	4.3823	1.00306
5800	1.4120	2.7560	4.4067	1.2893	4.509	1.0398	4.3985	1.00351
5900	1.4420	2.7947	4.4158	1.2898	4.555	1.0427	4.4152	1.00398
6000	1.4718	2.8330	4.4248	1.2905	4.602	1.0459	4.4326	1.00450
6100	1.5013	2.8712	4.4338	1.2915	4.650	1.0494	4.4506	1.00507
6200	1.5307	2.9091	4.4426	1.2924	4.697	1.0530	4.4694	1.00569
6300	1.5598	2.9468	4.4515	1.2936	4.746	1.0569	4.4888	1.00634
6400	1.5888	2.9843	4.4603	1.2946	4.795	1.0610	4.5091	1.00703
6500	1.6177	3.0218	4.4690	1.2953	4.843	1.0654	4.5301	1.00778
6600	1.6466	3.0591	4.4778	1.2968	4.894	1.0701	4.5521	1.00857
6700	1.6752	3.0963	4.4865	1.2989	4.946	1.0750	4.5750	1.00940
6800	1.7038	3.1334	4.4951	1.3012	5.000	1.0803	4.5986	1.01027
6900	1.7321	3.1703	4.5038	1.3043	5.055	1.0858	4.6228	1.01117
7000	1.7602	3.2070	4.5123	1.3081	5.113	1.0917	4.6477	1.01214
7100	1.7880	3.2434	4.5209	1.3120	5.172	1.0979	4.6730	1.01313
7200	1.8155	3.2796	4.5293	1.3159	5.231	1.1044	4.6988	1.01417
7300	1.8428	3.3156	4.5377	1.3203	5.292	1.1113	4.7250	1.01525
7400	1.8698	3.3513	4.5461	1.3250	5.355	1.1185	4.7518	1.01636
7500	1.8966	3.3868	4.5544	1.3299	5.419	1.1260	4.7791	1.01750
7600	1.9230	3.4221	4.5627	1.3352	5.486	1.1340	4.8067	1.01869
7700	1.9492	3.4571	4.5709	1.3404	5.552	1.1423	4.8349	1.01990
7800	1.9752	3.4920	4.5791	1.3458	5.621	1.1510	4.8638	1.02114
7900	2.0009	3.5266	4.5872	1.3516	5.692	1.1602	4.8933	1.02241
8000	2.0264	3.5612	4.5954	1.3568	5.762	1.1698	4.9236	1.02371
8100	2.0518	3.5957	4.6035	1.3623	5.835	1.1798	4.9547	1.02502
8200	2.0769	3.6299	4.6116	1.3685	5.910	1.1902	4.9866	1.02636
8300	2.1017	3.6641	4.6197	1.3750	5.987	1.2012	5.0193	1.02771
8400	2.1263	3.6980	4.6278	1.3819	6.067	1.2126	5.0527	1.02907
8500	2.1506	3.7316	4.6359	1.3893	6.149	1.2245	5.0867	1.03046
8600	2.1747	3.7651	4.6439	1.3969	6.233	1.2369	5.1215	1.03186
8700	2.1984	3.7983	4.6519	1.4049	6.320	1.2497	5.1567	1.03326
8800	2.2217	3.8312	4.6599	1.4134	6.410	1.2631	5.1926	1.03468
8900	2.2448	3.8639	4.6678	1.4219	6.501	1.2769	5.2291	1.03611
9000	2.2674	3.8962	4.6757	1.4310	6.594	1.2913	5.2661	1.03754
9100	2.2898	3.9283	4.6836	1.4401	6.690	1.3061	5.3036	1.03898
9200	2.3118	3.9601	4.6914	1.4497	6.789	1.3214	5.3414	1.04042
9300	2.3334	3.9916	4.6992	1.4598	6.890	1.3371	5.3797	1.04187

S/R= 28.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	2.3547	4.0227	4.7070	1.4698	6.992	1.3532	5.4183	1.04332
9500	2.3755	4.0535	4.7147	1.4808	7.099	1.3698	5.4571	1.04477
9600	2.3959	4.0838	4.7223	1.4869	7.195	1.3868	5.4959	1.04624

S/R= 29.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.8179	-4.2543	2.5428	1.3998	0.605	1.0000	3.4902	1.00000
200	-3.0651	-3.2004	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.6245	-2.5838	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.3111	-2.1455	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-2.0657	-1.8029	3.2450	1.3916	1.349	1.0000	3.5156	1.00000
600	-1.8609	-1.5189	3.3251	1.3817	1.472	1.0001	3.5232	1.00000
700	-1.6829	-1.2740	3.3930	1.3708	1.584	1.0002	3.5310	1.00000
800	-1.5240	-1.0572	3.4552	1.3598	1.687	1.0002	3.5655	1.00000
900	-1.3798	-0.8618	3.5098	1.3500	1.783	1.0003	3.5938	1.00000
1000	-1.2471	-0.6833	3.5589	1.3420	1.873	1.0001	3.6219	1.00000
1100	-1.1248	-0.5196	3.6039	1.3354	1.960	1.0001	3.6522	1.00000
1200	-1.0109	-0.3679	3.6453	1.3291	2.042	1.0001	3.6824	1.00000
1300	-0.9043	-0.2265	3.6836	1.3240	2.122	1.0002	3.7121	1.00000
1400	-0.8042	-0.0942	3.7191	1.3196	2.198	1.0002	3.7408	1.00000
1500	-0.7097	0.0303	3.7522	1.3159	2.272	1.0003	3.7683	1.00000
1600	-0.6204	0.1476	3.7833	1.3128	2.344	1.0003	3.7945	1.00000
1700	-0.5358	0.2586	3.8125	1.3102	2.414	1.0004	3.8195	1.00000
1800	-0.4553	0.3640	3.8400	1.3080	2.482	1.0005	3.8431	1.00000
1900	-0.3786	0.4641	3.8660	1.2939	2.536	1.0006	3.8655	1.00000
2000	-0.2998	0.5651	3.8919	1.2905	2.599	1.0007	3.8980	1.00000
2100	-0.2292	0.6570	3.9154	1.3001	2.673	1.0009	3.9187	1.00000
2200	-0.1615	0.7450	3.9379	1.2986	2.735	1.0010	3.9394	1.00000
2300	-0.0965	0.8293	3.9592	1.2975	2.795	1.0012	3.9579	1.00000
2400	-0.0340	0.9104	3.9796	1.2964	2.854	1.0014	3.9757	1.00000
2500	0.0262	0.9884	3.9993	1.2957	2.913	1.0016	3.9935	1.00000
2600	0.0841	1.0634	4.0181	1.2950	2.970	1.0018	4.0096	1.00000
2700	0.1401	1.1359	4.0361	1.2941	3.026	1.0020	4.0247	1.00000
2800	0.1943	1.2060	4.0536	1.2938	3.081	1.0023	4.0402	1.00000
2900	0.2466	1.2736	4.0703	1.2934	3.136	1.0025	4.0543	1.00000
3000	0.2973	1.3392	4.0865	1.2928	3.189	1.0029	4.0676	1.00000
3100	0.3464	1.4028	4.1022	1.2928	3.242	1.0032	4.0812	1.00000
3200	0.3941	1.4644	4.1172	1.2926	3.295	1.0036	4.0935	1.00000
3300	0.4404	1.5242	4.1319	1.2925	3.346	1.0040	4.1057	1.00001
3400	0.4854	1.5823	4.1462	1.2923	3.397	1.0044	4.1180	1.00001
3500	0.5292	1.6390	4.1599	1.2919	3.447	1.0049	4.1288	1.00002
3600	0.5718	1.6941	4.1733	1.2915	3.496	1.0054	4.1401	1.00002
3700	0.6135	1.7478	4.1863	1.2910	3.545	1.0059	4.1504	1.00004
3800	0.6541	1.8002	4.1990	1.2909	3.593	1.0064	4.1616	1.00004
3900	0.6937	1.8514	4.2114	1.2912	3.642	1.0070	4.1720	1.00007
4000	0.7324	1.9014	4.2234	1.2911	3.689	1.0077	4.1816	1.00010
4100	0.7703	1.9503	4.2352	1.2911	3.736	1.0084	4.1918	1.00013
4200	0.8073	1.9981	4.2467	1.2914	3.783	1.0091	4.2016	1.00018
4300	0.8437	2.0451	4.2580	1.2908	3.829	1.0100	4.2125	1.00023
4400	0.8796	2.0914	4.2690	1.2895	3.873	1.0110	4.2227	1.00030
4500	0.9150	2.1370	4.2800	1.2875	3.916	1.0121	4.2345	1.00039
4600	0.9501	2.1822	4.2908	1.2836	3.955	1.0133	4.2463	1.00047
4700	0.9853	2.2272	4.3015	1.2780	3.992	1.0145	4.2598	1.00060
4800	1.0205	2.2721	4.3122	1.2711	4.026	1.0158	4.2749	1.00074

S/R= 29.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	1.0560	2.3172	4.3229	1.2635	4.058	1.0170	4.2922	1.00090
5000	1.0920	2.3625	4.3336	1.3346	4.216	1.0184	4.3112	1.00108
5100	1.1113	2.3910	4.3407	1.3565	4.295	1.0197	4.2967	1.00132
5200	1.1433	2.4320	4.3504	1.2847	4.224	1.0213	4.3090	1.00157
5300	1.1751	2.4728	4.3600	1.2830	4.265	1.0230	4.3223	1.00186
5400	1.2066	2.5133	4.3695	1.2815	4.307	1.0249	4.3363	1.00218
5500	1.2380	2.5535	4.3789	1.2806	4.349	1.0269	4.3510	1.00254
5600	1.2692	2.5935	4.3883	1.2803	4.393	1.0291	4.3663	1.00293
5700	1.3001	2.6330	4.3976	1.2802	4.436	1.0314	4.3823	1.00338
5800	1.3309	2.6724	4.4068	1.2802	4.481	1.0339	4.3988	1.00386
5900	1.3614	2.7114	4.4159	1.2803	4.525	1.0366	4.4160	1.00439
6000	1.3917	2.7502	4.4249	1.2804	4.570	1.0395	4.4338	1.00496
6100	1.4218	2.7888	4.4339	1.2806	4.615	1.0425	4.4523	1.00558
6200	1.4517	2.8271	4.4428	1.2809	4.660	1.0457	4.4714	1.00625
6300	1.4816	2.8654	4.4517	1.2816	4.707	1.0492	4.4913	1.00697
6400	1.5112	2.9034	4.4606	1.2823	4.753	1.0529	4.5120	1.00773
6500	1.5408	2.9413	4.4694	1.2828	4.800	1.0568	4.5336	1.00854
6600	1.5704	2.9792	4.4781	1.2837	4.849	1.0611	4.5561	1.00940
6700	1.5997	3.0170	4.4869	1.2851	4.898	1.0655	4.5795	1.01030
6800	1.6290	3.0546	4.4956	1.2866	4.948	1.0703	4.6035	1.01125
6900	1.6581	3.0921	4.5043	1.2891	5.001	1.0753	4.6282	1.01224
7000	1.6870	3.1293	4.5129	1.2925	5.056	1.0806	4.6535	1.01328
7100	1.7156	3.1664	4.5214	1.2958	5.112	1.0862	4.6792	1.01437
7200	1.7439	3.2032	4.5299	1.2993	5.169	1.0921	4.7055	1.01549
7300	1.7721	3.2397	4.5384	1.3033	5.228	1.0984	4.7322	1.01666
7400	1.7999	3.2761	4.5468	1.3073	5.287	1.1050	4.7594	1.01786
7500	1.8275	3.3122	4.5551	1.3115	5.348	1.1119	4.7870	1.01910
7600	1.8548	3.3481	4.5634	1.3162	5.411	1.1191	4.8150	1.02038
7700	1.8819	3.3838	4.5716	1.3208	5.474	1.1267	4.8435	1.02169
7800	1.9087	3.4193	4.5799	1.3255	5.539	1.1347	4.8725	1.02303
7900	1.9353	3.4546	4.5880	1.3308	5.606	1.1431	4.9022	1.02440
8000	1.9617	3.4898	4.5962	1.3357	5.673	1.1519	4.9327	1.02579
8100	1.9879	3.5249	4.6043	1.3407	5.742	1.1611	4.9640	1.02720
8200	2.0139	3.5598	4.6124	1.3465	5.814	1.1708	4.9960	1.02864
8300	2.0396	3.5945	4.6205	1.3527	5.888	1.1808	5.0287	1.03009
8400	2.0651	3.6291	4.6286	1.3591	5.964	1.1914	5.0620	1.03156
8500	2.0903	3.6634	4.6367	1.3658	6.042	1.2024	5.0960	1.03305
8600	2.1152	3.6975	4.6447	1.3731	6.122	1.2138	5.1306	1.03454
8700	2.1398	3.7313	4.6527	1.3807	6.205	1.2257	5.1658	1.03605
8800	2.1640	3.7649	4.6606	1.3886	6.290	1.2381	5.2015	1.03757
8900	2.1879	3.7981	4.6685	1.3966	6.377	1.2510	5.2377	1.03910
9000	2.2114	3.8311	4.6764	1.4052	6.466	1.2643	5.2743	1.04063
9100	2.2346	3.8638	4.6843	1.4138	6.558	1.2781	5.3115	1.04216
9200	2.2575	3.8962	4.6921	1.4231	6.652	1.2924	5.3491	1.04370
9300	2.2799	3.9283	4.6998	1.4330	6.749	1.3072	5.3869	1.04525
9400	2.3020	3.9599	4.7075	1.4425	6.847	1.3223	5.4251	1.04680
9500	2.3236	3.9913	4.7152	1.4530	6.949	1.3380	5.4635	1.04834
9600	2.3448	4.0221	4.7228	1.4637	7.053	1.3539	5.5019	1.04990
9700	2.3656	4.0527	4.7303	1.4733	7.156	1.3704	5.5406	1.05147
9800	2.3861	4.0830	4.7378	1.4781	7.249	1.3872	5.5797	1.05303

S/R= 29.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.9048	-4.3412	2.5428	1.3998	0.605	1.0000	3.4901	1.00000

S/R= 29.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-3.1519	-3.2873	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.7114	-2.6707	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.3980	-2.2323	3.1470	1.3974	1.209	1.0000	3.5072	1.00000
500	-2.1526	-1.8898	3.2450	1.3917	1.349	1.0000	3.5156	1.00000
600	-1.9478	-1.6058	3.3251	1.3817	1.472	1.0001	3.5232	1.00000
700	-1.7698	-1.3608	3.3930	1.3709	1.584	1.0001	3.5310	1.00000
800	-1.6109	-1.1440	3.4552	1.3598	1.687	1.0002	3.5655	1.00000
900	-1.4667	-0.9487	3.5098	1.3498	1.783	1.0002	3.5938	1.00000
1000	-1.3340	-0.7702	3.5589	1.3419	1.873	1.0001	3.6218	1.00000
1100	-1.2117	-0.6065	3.6039	1.3353	1.960	1.0001	3.6522	1.00000
1200	-1.0978	-0.4547	3.6453	1.3291	2.042	1.0001	3.6824	1.00000
1300	-0.9911	-0.3134	3.6836	1.3239	2.122	1.0001	3.7121	1.00000
1400	-0.8910	-0.1810	3.7191	1.3195	2.198	1.0002	3.7408	1.00000
1500	-0.7966	-0.0566	3.7522	1.3158	2.272	1.0002	3.7682	1.00000
1600	-0.7073	0.0608	3.7833	1.3128	2.344	1.0003	3.7945	1.00000
1700	-0.6226	0.1718	3.8124	1.3101	2.414	1.0003	3.8194	1.00000
1800	-0.5421	0.2771	3.8399	1.3079	2.482	1.0004	3.8430	1.00000
1900	-0.4655	0.3773	3.8659	1.2938	2.536	1.0005	3.8654	1.00000
2000	-0.3866	0.4783	3.8919	1.2903	2.599	1.0006	3.8978	1.00000
2100	-0.3160	0.5702	3.9153	1.2999	2.673	1.0007	3.9185	1.00000
2200	-0.2483	0.6581	3.9378	1.2984	2.734	1.0008	3.9392	1.00000
2300	-0.1832	0.7425	3.9592	1.2973	2.795	1.0010	3.9576	1.00000
2400	-0.1208	0.8235	3.9796	1.2962	2.854	1.0011	3.9754	1.00000
2500	-0.0605	0.9015	3.9993	1.2954	2.912	1.0013	3.9932	1.00000
2600	-0.0026	0.9766	4.0180	1.2946	2.969	1.0015	4.0093	1.00000
2700	0.0534	1.0491	4.0361	1.2936	3.025	1.0017	4.0244	1.00000
2800	0.1076	1.1191	4.0535	1.2932	3.080	1.0019	4.0398	1.00000
2900	0.1599	1.1868	4.0703	1.2928	3.134	1.0021	4.0539	1.00000
3000	0.2106	1.2524	4.0864	1.2921	3.188	1.0023	4.0671	1.00000
3100	0.2598	1.3159	4.1021	1.2919	3.240	1.0026	4.0806	1.00000
3200	0.3075	1.3775	4.1172	1.2918	3.293	1.0029	4.0928	1.00000
3300	0.3539	1.4374	4.1318	1.2915	3.344	1.0033	4.1050	1.00001
3400	0.3989	1.4955	4.1461	1.2913	3.395	1.0036	4.1172	1.00001
3500	0.4427	1.5521	4.1598	1.2909	3.444	1.0040	4.1279	1.00002
3600	0.4854	1.6072	4.1732	1.2905	3.493	1.0044	4.1391	1.00002
3700	0.5270	1.6609	4.1862	1.2900	3.541	1.0049	4.1493	1.00004
3800	0.5677	1.7134	4.1989	1.2898	3.590	1.0053	4.1605	1.00005
3900	0.6074	1.7646	4.2113	1.2895	3.637	1.0058	4.1708	1.00008
4000	0.6462	1.8146	4.2233	1.2890	3.684	1.0064	4.1805	1.00011
4100	0.6842	1.8635	4.2351	1.2889	3.730	1.0069	4.1906	1.00014
4200	0.7213	1.9114	4.2465	1.2885	3.776	1.0075	4.2002	1.00020
4300	0.7577	1.9583	4.2578	1.2869	3.819	1.0081	4.2108	1.00025
4400	0.7936	2.0044	4.2688	1.2856	3.863	1.0088	4.2205	1.00033
4500	0.8290	2.0499	4.2797	1.2840	3.906	1.0096	4.2319	1.00042
4600	0.8642	2.0951	4.2905	1.2802	3.945	1.0105	4.2434	1.00053
4700	0.8994	2.1401	4.3012	1.2753	3.982	1.0116	4.2565	1.00066
4800	0.9348	2.1851	4.3118	1.2695	4.017	1.0127	4.2717	1.00082
4900	0.9705	2.2303	4.3226	1.2625	4.050	1.0140	4.2892	1.00099
5000	1.0066	2.2758	4.3333	1.3261	4.196	1.0154	4.3083	1.00120
5100	1.0272	2.3055	4.3407	1.3442	4.269	1.0166	4.2963	1.00146
5200	1.0594	2.3468	4.3504	1.2790	4.208	1.0180	4.3089	1.00173
5300	1.0916	2.3878	4.3600	1.2768	4.248	1.0195	4.3224	1.00205
5400	1.1235	2.4286	4.3696	1.2752	4.288	1.0212	4.3367	1.00241
5500	1.1553	2.4692	4.3790	1.2739	4.329	1.0230	4.3518	1.00280
5600	1.1870	2.5094	4.3884	1.2730	4.371	1.0249	4.3676	1.00324

S/R= 29.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	1.2184	2.5494	4.3977	1.2722	4.413	1.0270	4.3840	1.00372
5800	1.2496	2.5891	4.4070	1.2719	4.456	1.0292	4.4011	1.00425
5900	1.2806	2.6286	4.4162	1.2714	4.498	1.0316	4.4188	1.00483
6000	1.3115	2.6678	4.4253	1.2713	4.542	1.0341	4.4371	1.00546
6100	1.3422	2.7069	4.4343	1.2714	4.586	1.0369	4.4561	1.00614
6200	1.3728	2.7457	4.4433	1.2712	4.629	1.0398	4.4760	1.00687
6300	1.4033	2.7845	4.4522	1.2710	4.673	1.0430	4.4965	1.00765
6400	1.4336	2.8230	4.4611	1.2711	4.718	1.0463	4.5178	1.00848
6500	1.4639	2.8615	4.4700	1.2711	4.763	1.0499	4.5400	1.00937
6600	1.4941	2.9000	4.4788	1.2716	4.809	1.0537	4.5632	1.01030
6700	1.5243	2.9383	4.4876	1.2729	4.857	1.0577	4.5872	1.01128
6800	1.5543	2.9765	4.4964	1.2742	4.905	1.0621	4.6119	1.01232
6900	1.5842	3.0146	4.5051	1.2762	4.956	1.0667	4.6373	1.01339
7000	1.6138	3.0525	4.5138	1.2786	5.008	1.0715	4.6632	1.01452
7100	1.6432	3.0901	4.5224	1.2811	5.060	1.0766	4.6895	1.01569
7200	1.6724	3.1276	4.5309	1.2842	5.115	1.0820	4.7163	1.01691
7300	1.7014	3.1648	4.5394	1.2877	5.171	1.0877	4.7435	1.01818
7400	1.7300	3.2018	4.5479	1.2914	5.228	1.0937	4.7712	1.01948
7500	1.7585	3.2386	4.5562	1.2953	5.286	1.1001	4.7994	1.02081
7600	1.7866	3.2751	4.5646	1.2995	5.346	1.1068	4.8279	1.02219
7700	1.8145	3.3114	4.5728	1.3034	5.406	1.1137	4.8569	1.02361
7800	1.8422	3.3476	4.5811	1.3076	5.468	1.1211	4.8863	1.02504
7900	1.8697	3.3836	4.5893	1.3122	5.532	1.1288	4.9164	1.02652
8000	1.8970	3.4194	4.5974	1.3166	5.596	1.1369	4.9471	1.02801
8100	1.9240	3.4551	4.6056	1.3211	5.661	1.1454	4.9786	1.02953
8200	1.9509	3.4906	4.6137	1.3264	5.730	1.1543	5.0109	1.03107
8300	1.9775	3.5260	4.6218	1.3323	5.801	1.1636	5.0437	1.03263
8400	2.0038	3.5611	4.6299	1.3384	5.873	1.1734	5.0772	1.03420
8500	2.0299	3.5961	4.6379	1.3446	5.947	1.1835	5.1112	1.03579
8600	2.0556	3.6308	4.6460	1.3515	6.024	1.1942	5.1458	1.03739
8700	2.0811	3.6653	4.6539	1.3586	6.103	1.2052	5.1810	1.03900
8800	2.1062	3.6995	4.6619	1.3658	6.184	1.2167	5.2165	1.04062
8900	2.1309	3.7334	4.6698	1.3736	6.267	1.2286	5.2526	1.04226
9000	2.1553	3.7669	4.6776	1.3816	6.352	1.2410	5.2891	1.04389
9100	2.1793	3.8003	4.6854	1.3898	6.440	1.2539	5.3260	1.04553
9200	2.2030	3.8333	4.6932	1.3986	6.530	1.2673	5.3633	1.04716
9300	2.2263	3.8659	4.7009	1.4080	6.623	1.2811	5.4008	1.04881
9400	2.2491	3.8981	4.7086	1.4172	6.717	1.2953	5.4386	1.05046
9500	2.2715	3.9300	4.7162	1.4273	6.815	1.3100	5.4767	1.05211
9600	2.2934	3.9614	4.7238	1.4377	6.915	1.3250	5.5148	1.05376
9700	2.3150	3.9926	4.7313	1.4470	7.014	1.3405	5.5530	1.05542
9800	2.3362	4.0233	4.7388	1.4559	7.114	1.3564	5.5917	1.05708
9900	2.3571	4.0539	4.7462	1.4646	7.215	1.3728	5.6308	1.05872
10000	2.3778	4.0842	4.7536	1.4724	7.315	1.3896	5.6704	1.06034
10100	2.3983	4.1144	4.7610	1.4760	7.406	1.4069	5.7107	1.06195

S/R= 29.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-3.9916	-4.4280	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.2388	-3.3741	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.7983	-2.7575	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.4849	-2.3192	3.1470	1.3973	1.209	1.0000	3.5071	1.00000
500	-2.2394	-1.9766	3.2450	1.3917	1.349	1.0000	3.5156	1.00000
600	-2.0346	-1.6926	3.3251	1.3819	1.473	1.0001	3.5232	1.00000

S/R= 29.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-1.8566	-1.4477	3.3930	1.3710	1.584	1.0001	3.5310	1.00000
800	-1.6978	-1.2309	3.4552	1.3599	1.687	1.0002	3.5655	1.00000
900	-1.5535	-1.0355	3.5098	1.3496	1.782	1.0002	3.5938	1.00000
1000	-1.4208	-0.8570	3.5589	1.3418	1.873	1.0000	3.6218	1.00000
1100	-1.2985	-0.6933	3.6039	1.3353	1.960	1.0001	3.6521	1.00000
1200	-1.1846	-0.5416	3.6453	1.3291	2.042	1.0001	3.6824	1.00000
1300	-1.0780	-0.4002	3.6836	1.3239	2.122	1.0001	3.7120	1.00000
1400	-0.9778	-0.2679	3.7191	1.3195	2.198	1.0001	3.7407	1.00000
1500	-0.8834	-0.1434	3.7522	1.3158	2.272	1.0002	3.7682	1.00000
1600	-0.7941	-0.0261	3.7833	1.3127	2.344	1.0002	3.7944	1.00000
1700	-0.7094	0.0849	3.8124	1.3100	2.414	1.0003	3.8193	1.00000
1800	-0.6289	0.1903	3.8399	1.3078	2.481	1.0003	3.8430	1.00000
1900	-0.5523	0.2904	3.8659	1.2936	2.536	1.0004	3.8653	1.00000
2000	-0.4734	0.3914	3.8918	1.2901	2.598	1.0005	3.8977	1.00000
2100	-0.4028	0.4833	3.9153	1.2997	2.672	1.0006	3.9184	1.00000
2200	-0.3351	0.5713	3.9378	1.2983	2.734	1.0007	3.9390	1.00000
2300	-0.2700	0.6556	3.9591	1.2971	2.794	1.0008	3.9574	1.00000
2400	-0.2075	0.7367	3.9796	1.2960	2.853	1.0009	3.9752	1.00000
2500	-0.1473	0.8147	3.9992	1.2950	2.911	1.0011	3.9929	1.00000
2600	-0.0893	0.8898	4.0180	1.2942	2.968	1.0012	4.0090	1.00000
2700	-0.0333	0.9622	4.0360	1.2933	3.024	1.0014	4.0241	1.00000
2800	0.0209	1.0323	4.0535	1.2928	3.079	1.0015	4.0395	1.00000
2900	0.0732	1.0999	4.0702	1.2923	3.133	1.0017	4.0535	1.00000
3000	0.1240	1.1655	4.0864	1.2916	3.186	1.0019	4.0666	1.00000
3100	0.1732	1.2290	4.1020	1.2913	3.239	1.0021	4.0802	1.00000
3200	0.2209	1.2906	4.1171	1.2910	3.291	1.0024	4.0923	1.00001
3300	0.2672	1.3505	4.1318	1.2907	3.342	1.0027	4.1044	1.00001
3400	0.3123	1.4086	4.1460	1.2904	3.392	1.0030	4.1165	1.00001
3500	0.3562	1.4652	4.1597	1.2900	3.442	1.0033	4.1272	1.00002
3600	0.3989	1.5203	4.1731	1.2896	3.491	1.0036	4.1383	1.00003
3700	0.4406	1.5741	4.1861	1.2890	3.539	1.0040	4.1484	1.00005
3800	0.4813	1.6266	4.1988	1.2884	3.586	1.0044	4.1596	1.00006
3900	0.5211	1.6778	4.2112	1.2881	3.633	1.0048	4.1699	1.00008
4000	0.5600	1.7279	4.2232	1.2879	3.680	1.0053	4.1797	1.00012
4100	0.5980	1.7769	4.2350	1.2877	3.726	1.0058	4.1899	1.00016
4200	0.6352	1.8248	4.2464	1.2871	3.772	1.0064	4.1995	1.00022
4300	0.6717	1.8717	4.2578	1.2855	3.815	1.0069	4.2100	1.00028
4400	0.7076	1.9178	4.2687	1.2832	3.857	1.0074	4.2195	1.00036
4500	0.7430	1.9632	4.2796	1.2799	3.896	1.0079	4.2304	1.00047
4600	0.7732	2.0082	4.2903	1.2754	3.933	1.0085	4.2414	1.00058
4700	0.8134	2.0530	4.3009	1.2711	3.970	1.0091	4.2540	1.00073
4800	0.8488	2.0980	4.3115	1.2660	4.006	1.0100	4.2688	1.00090
4900	0.8846	2.1431	4.3222	1.2595	4.039	1.0110	4.2860	1.00109
5000	0.9208	2.1886	4.3329	1.3201	4.180	1.0122	4.3049	1.00132
5100	0.9429	2.2202	4.3407	1.3360	4.251	1.0141	4.2969	1.00161
5200	0.9755	2.2617	4.3505	1.2740	4.194	1.0153	4.3098	1.00191
5300	1.0080	2.3030	4.3601	1.2714	4.233	1.0167	4.3237	1.00226
5400	1.0404	2.3442	4.3697	1.2692	4.272	1.0182	4.3385	1.00265
5500	1.0726	2.3851	4.3793	1.2676	4.312	1.0198	4.3540	1.00309
5600	1.1047	2.4257	4.3887	1.2664	4.352	1.0215	4.3703	1.00356
5700	1.1366	2.4661	4.3981	1.2655	4.393	1.0234	4.3874	1.00409
5800	1.1683	2.5062	4.4074	1.2646	4.435	1.0254	4.4051	1.00468
5900	1.1999	2.5462	4.4166	1.2636	4.476	1.0276	4.4234	1.00531
6000	1.2314	2.5859	4.4258	1.2629	4.517	1.0299	4.4425	1.00600
6100	1.2627	2.6254	4.4349	1.2626	4.560	1.0324	4.4622	1.00674

S/R= 29.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	1.2939	2.6648	4.4439	1.2620	4.602	1.0350	4.4827	1.00754
6300	1.3250	2.7041	4.4529	1.2617	4.645	1.0379	4.5041	1.00839
6400	1.3561	2.7433	4.4619	1.2616	4.688	1.0410	4.5262	1.00930
6500	1.3870	2.7824	4.4708	1.2611	4.731	1.0442	4.5492	1.01027
6600	1.4180	2.8214	4.4798	1.2609	4.775	1.0477	4.5732	1.01128
6700	1.4489	2.8604	4.4886	1.2616	4.821	1.0515	4.5979	1.01235
6800	1.4797	2.8992	4.4975	1.2626	4.868	1.0554	4.6235	1.01347
6900	1.5104	2.9380	4.5063	1.2643	4.916	1.0596	4.6496	1.01464
7000	1.5408	2.9765	4.5150	1.2664	4.967	1.0641	4.6763	1.01586
7100	1.5710	3.0148	4.5237	1.2688	5.018	1.0688	4.7034	1.01713
7200	1.6010	3.0529	4.5323	1.2711	5.069	1.0738	4.7310	1.01845
7300	1.6308	3.0908	4.5408	1.2739	5.122	1.0790	4.7589	1.01981
7400	1.6603	3.1284	4.5493	1.2771	5.177	1.0846	4.7873	1.02121
7500	1.6896	3.1659	4.5578	1.2805	5.233	1.0904	4.8161	1.02265
7600	1.7186	3.2031	4.5661	1.2842	5.290	1.0966	4.8452	1.02414
7700	1.7474	3.2401	4.5744	1.2880	5.348	1.1030	4.8747	1.02565
7800	1.7759	3.2769	4.5827	1.2919	5.408	1.1098	4.9048	1.02720
7900	1.8042	3.3135	4.5909	1.2958	5.468	1.1170	4.9354	1.02878
8000	1.8323	3.3500	4.5991	1.2995	5.529	1.1244	4.9665	1.03038
8100	1.8603	3.3864	4.6073	1.3036	5.591	1.1323	4.9985	1.03201
8200	1.8880	3.4225	4.6155	1.3084	5.657	1.1405	5.0310	1.03366
8300	1.9155	3.4586	4.6236	1.3138	5.724	1.1492	5.0641	1.03532
8400	1.9426	3.4943	4.6317	1.3195	5.794	1.1582	5.0978	1.03700
8500	1.9695	3.5299	4.6397	1.3253	5.865	1.1677	5.1320	1.03870
8600	1.9961	3.5652	4.6477	1.3319	5.939	1.1776	5.1668	1.04040
8700	2.0224	3.6002	4.6557	1.3385	6.014	1.1878	5.2019	1.04212
8800	2.0483	3.6351	4.6636	1.3452	6.091	1.1985	5.2375	1.04385
8900	2.0739	3.6696	4.6715	1.3524	6.170	1.2096	5.2736	1.04559
9000	2.0991	3.7038	4.6793	1.3600	6.252	1.2211	5.3100	1.04732
9100	2.1240	3.7377	4.6871	1.3678	6.335	1.2332	5.3467	1.04907
9200	2.1485	3.7713	4.6949	1.3762	6.422	1.2456	5.3838	1.05081
9300	2.1725	3.8045	4.7026	1.3850	6.511	1.2585	5.4211	1.05256
9400	2.1961	3.8373	4.7102	1.3938	6.601	1.2718	5.4587	1.05431
9500	2.2194	3.8698	4.7178	1.4035	6.695	1.2856	5.4964	1.05606
9600	2.2420	3.9017	4.7253	1.4135	6.791	1.2997	5.5341	1.05781
9700	2.2644	3.9334	4.7328	1.4226	6.887	1.3143	5.5721	1.05957
9800	2.2863	3.9647	4.7402	1.4312	6.983	1.3294	5.6104	1.06132
9900	2.3080	3.9958	4.7476	1.4399	7.080	1.3448	5.6491	1.06306
10000	2.3293	4.0266	4.7550	1.4476	7.177	1.3608	5.6882	1.06478
10100	2.3505	4.0573	4.7623	1.4471	7.255	1.3772	5.7281	1.06648
10200	2.3731	4.0899	4.7707	1.4568	7.364	1.3955	5.7820	1.06819
10300	2.3934	4.1199	4.7779	1.4716	7.483	1.4127	5.8221	1.06987

S/R= 29.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.0785	-4.5149	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.3256	-3.4610	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.8851	-2.8444	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.5717	-2.4061	3.1470	1.3970	1.209	1.0000	3.5072	1.00000
500	-2.3261	-2.0635	3.2450	1.3917	1.349	1.0000	3.5156	1.00000
600	-2.1215	-1.7795	3.3251	1.3823	1.473	1.0000	3.5232	1.00000
700	-1.9435	-1.5346	3.3930	1.3711	1.584	1.0001	3.5310	1.00000
800	-1.7847	-1.3177	3.4552	1.3600	1.687	1.0002	3.5655	1.00000
900	-1.6404	-1.1224	3.5098	1.3494	1.782	1.0002	3.5938	1.00000

S/R= 29.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-1.5077	-0.9439	3.5589	1.3416	1.873	1.0000	3.6218	1.00000
1100	-1.3854	-0.7802	3.6039	1.3353	1.960	1.0000	3.6521	1.00000
1200	-1.2714	-0.6285	3.6453	1.3291	2.042	1.0001	3.6824	1.00000
1300	-1.1648	-0.4871	3.6836	1.3239	2.122	1.0001	3.7120	1.00000
1400	-1.0647	-0.3547	3.7191	1.3195	2.198	1.0001	3.7407	1.00000
1500	-0.9702	-0.2303	3.7522	1.3157	2.272	1.0001	3.7682	1.00000
1600	-0.8809	-0.1130	3.7833	1.3126	2.344	1.0002	3.7944	1.00000
1700	-0.7963	-0.0019	3.8124	1.3100	2.413	1.0002	3.8193	1.00000
1800	-0.7158	0.1034	3.8399	1.3077	2.481	1.0003	3.8429	1.00000
1900	-0.6391	0.2036	3.8659	1.2935	2.536	1.0003	3.8652	1.00000
2000	-0.5603	0.3045	3.8918	1.2900	2.598	1.0004	3.8977	1.00000
2100	-0.4896	0.3964	3.9153	1.2996	2.672	1.0005	3.9183	1.00000
2200	-0.4219	0.4844	3.9378	1.2981	2.734	1.0006	3.9389	1.00000
2300	-0.3568	0.5688	3.9591	1.2969	2.794	1.0007	3.9573	1.00000
2400	-0.2943	0.6498	3.9796	1.2958	2.853	1.0008	3.9750	1.00000
2500	-0.2341	0.7278	3.9992	1.2948	2.911	1.0009	3.9927	1.00000
2600	-0.1761	0.8029	4.0180	1.2939	2.968	1.0010	4.0088	1.00000
2700	-0.1200	0.8754	4.0360	1.2930	3.023	1.0011	4.0238	1.00000
2800	-0.0659	0.9454	4.0535	1.2925	3.078	1.0013	4.0392	1.00000
2900	-0.0135	1.0131	4.0702	1.2919	3.132	1.0014	4.0532	1.00000
3000	0.0373	1.0787	4.0863	1.2911	3.185	1.0016	4.0663	1.00000
3100	0.0865	1.1422	4.1020	1.2908	3.238	1.0018	4.0798	1.00000
3200	0.1342	1.2038	4.1171	1.2904	3.289	1.0020	4.0918	1.00001
3300	0.1806	1.2636	4.1317	1.2899	3.340	1.0022	4.1039	1.00001
3400	0.2257	1.3218	4.1460	1.2895	3.390	1.0024	4.1160	1.00002
3500	0.2696	1.3784	4.1597	1.2892	3.440	1.0027	4.1266	1.00002
3600	0.3123	1.4335	4.1731	1.2888	3.488	1.0030	4.1377	1.00003
3700	0.3541	1.4873	4.1860	1.2881	3.536	1.0033	4.1478	1.00005
3800	0.3948	1.5398	4.1988	1.2872	3.583	1.0036	4.1590	1.00007
3900	0.4347	1.5911	4.2111	1.2866	3.629	1.0040	4.1693	1.00009
4000	0.4737	1.6412	4.2231	1.2861	3.676	1.0044	4.1791	1.00014
4100	0.5119	1.6903	4.2349	1.2862	3.722	1.0048	4.1894	1.00017
4200	0.5492	1.7383	4.2464	1.2866	3.769	1.0053	4.1992	1.00024
4300	0.5857	1.7853	4.2577	1.2855	3.813	1.0059	4.2098	1.00031
4400	0.6216	1.8314	4.2687	1.2829	3.854	1.0065	4.2192	1.00040
4500	0.6570	1.8768	4.2796	1.2791	3.893	1.0069	4.2301	1.00051
4600	0.6922	1.9217	4.2902	1.2738	3.929	1.0074	4.2407	1.00064
4700	0.7274	1.9665	4.3008	1.2672	3.962	1.0078	4.2530	1.00080
4800	0.7628	2.0112	4.3114	1.2601	3.993	1.0082	4.2671	1.00099
4900	0.7985	2.0561	4.3220	1.2542	4.026	1.0087	4.2836	1.00121
5000	0.8348	2.1015	4.3326	1.3128	4.163	1.0096	4.3020	1.00146
5100	0.8587	2.1350	4.3409	1.3273	4.232	1.0120	4.2983	1.00177
5200	0.8916	2.1769	4.3506	1.2692	4.182	1.0132	4.3116	1.00211
5300	0.9244	2.2185	4.3604	1.2664	4.220	1.0144	4.3260	1.00249
5400	0.9572	2.2600	4.3700	1.2641	4.258	1.0157	4.3414	1.00292
5500	0.9899	2.3013	4.3796	1.2620	4.297	1.0172	4.3576	1.00340
5600	1.0225	2.3423	4.3891	1.2603	4.336	1.0188	4.3745	1.00392
5700	1.0549	2.3832	4.3986	1.2590	4.376	1.0205	4.3922	1.00450
5800	1.0871	2.4238	4.4079	1.2577	4.416	1.0223	4.4106	1.00515
5900	1.1193	2.4642	4.4172	1.2565	4.456	1.0243	4.4298	1.00583
6000	1.1514	2.5045	4.4265	1.2558	4.497	1.0265	4.4497	1.00659
6100	1.1833	2.5446	4.4357	1.2549	4.538	1.0288	4.4703	1.00740
6200	1.2152	2.5846	4.4448	1.2538	4.579	1.0312	4.4917	1.00828
6300	1.2470	2.6244	4.4539	1.2530	4.620	1.0339	4.5140	1.00920
6400	1.2788	2.6642	4.4630	1.2525	4.662	1.0367	4.5370	1.01019

S/R= 29.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	1.3105	2.7039	4.4720	1.2519	4.704	1.0397	4.5610	1.01124
6600	1.3422	2.7436	4.4810	1.2516	4.747	1.0430	4.5859	1.01234
6700	1.3739	2.7833	4.4899	1.2520	4.791	1.0465	4.6117	1.01350
6800	1.4054	2.8228	4.4989	1.2526	4.836	1.0501	4.6381	1.01471
6900	1.4369	2.8622	4.5077	1.2535	4.883	1.0540	4.6652	1.01598
7000	1.4681	2.9014	4.5165	1.2551	4.931	1.0581	4.6928	1.01730
7100	1.4992	2.9404	4.5253	1.2572	4.980	1.0625	4.7208	1.01867
7200	1.5300	2.9792	4.5340	1.2595	5.031	1.0671	4.7492	1.02009
7300	1.5606	3.0177	4.5426	1.2621	5.082	1.0720	4.7781	1.02156
7400	1.5909	3.0561	4.5511	1.2647	5.134	1.0772	4.8073	1.02307
7500	1.6211	3.0942	4.5596	1.2674	5.188	1.0826	4.8369	1.02462
7600	1.6509	3.1321	4.5680	1.2705	5.242	1.0883	4.8667	1.02621
7700	1.6806	3.1698	4.5764	1.2738	5.298	1.0943	4.8970	1.02784
7800	1.7100	3.2073	4.5847	1.2774	5.355	1.1006	4.9277	1.02950
7900	1.7391	3.2446	4.5930	1.2813	5.414	1.1073	4.9589	1.03119
8000	1.7680	3.2817	4.6012	1.2849	5.473	1.1142	4.9906	1.03290
8100	1.7968	3.3187	4.6095	1.2882	5.532	1.1216	5.0231	1.03464
8200	1.8254	3.3556	4.6176	1.2923	5.594	1.1292	5.0561	1.03640
8300	1.8537	3.3922	4.6258	1.2972	5.658	1.1372	5.0895	1.03817
8400	1.8817	3.4286	4.6338	1.3023	5.725	1.1456	5.1235	1.03996
8500	1.9094	3.4648	4.6419	1.3078	5.793	1.1544	5.1580	1.04177
8600	1.9368	3.5008	4.6499	1.3140	5.864	1.1636	5.1930	1.04359
8700	1.9639	3.5364	4.6579	1.3202	5.936	1.1732	5.2283	1.04542
8800	1.9906	3.5718	4.6658	1.3266	6.010	1.1832	5.2641	1.04724
8900	2.0170	3.6068	4.6737	1.3333	6.086	1.1935	5.3002	1.04909
9000	2.0430	3.6416	4.6815	1.3403	6.163	1.2043	5.3365	1.05093
9100	2.0687	3.6761	4.6893	1.3477	6.244	1.2155	5.3733	1.05279
9200	2.0940	3.7103	4.6970	1.3556	6.326	1.2271	5.4102	1.05464
9300	2.1188	3.7441	4.7047	1.3638	6.411	1.2392	5.4474	1.05649
9400	2.1432	3.7775	4.7123	1.3724	6.498	1.2516	5.4847	1.05834
9500	2.1672	3.8105	4.7198	1.3816	6.588	1.2645	5.5223	1.06019
9600	2.1907	3.8430	4.7273	1.3911	6.680	1.2778	5.5597	1.06205
9700	2.2138	3.8752	4.7348	1.3998	6.772	1.2916	5.5974	1.06391
9800	2.2364	3.9071	4.7421	1.4081	6.864	1.3057	5.6353	1.06577
9900	2.2588	3.9387	4.7495	1.4167	6.959	1.3203	5.6737	1.06760
10000	2.2808	3.9700	4.7568	1.4243	7.053	1.3354	5.7124	1.06941
10100	2.3027	4.0011	4.7641	1.4241	7.128	1.3510	5.7518	1.07121
10200	2.3260	4.0342	4.7724	1.4335	7.233	1.3683	5.8051	1.07301
10300	2.3470	4.0647	4.7796	1.4521	7.359	1.3847	5.8448	1.07479
10400	2.3677	4.0949	4.7868	1.4623	7.466	1.4015	5.8847	1.07653
10500	2.3879	4.1245	4.7939	1.4682	7.562	1.4185	5.9247	1.07826

S/R= 29.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.1654	-4.6018	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.4125	-3.5479	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-2.9720	-2.9313	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.6586	-2.4929	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.4129	-2.1504	3.2450	1.3916	1.349	1.0000	3.5156	1.00000
600	-2.2083	-1.8664	3.3251	1.3826	1.473	1.0000	3.5232	1.00000
700	-2.0304	-1.6214	3.3930	1.3713	1.584	1.0001	3.5310	1.00000
800	-1.8716	-1.4046	3.4552	1.3602	1.687	1.0001	3.5655	1.00000
900	-1.7273	-1.2092	3.5098	1.3493	1.782	1.0002	3.5938	1.00000
1000	-1.5945	-1.0307	3.5589	1.3413	1.873	1.0000	3.6218	1.00000

S/R= 29.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	-1.4722	-0.8670	3.6039	1.3353	1.960	1.0000	3.6521	1.00000
1200	-1.3583	-0.7153	3.6453	1.3291	2.042	1.0001	3.6824	1.00000
1300	-1.2517	-0.5739	3.6836	1.3238	2.121	1.0001	3.7120	1.00000
1400	-1.1515	-0.4416	3.7191	1.3195	2.198	1.0001	3.7407	1.00000
1500	-1.0571	-0.3172	3.7522	1.3157	2.272	1.0001	3.7682	1.00000
1600	-0.9678	-0.1998	3.7833	1.3126	2.344	1.0001	3.7944	1.00000
1700	-0.8831	-0.0888	3.8124	1.3099	2.413	1.0002	3.8193	1.00000
1800	-0.8026	0.0165	3.8399	1.3076	2.481	1.0002	3.8429	1.00000
1900	-0.7259	0.1167	3.8659	1.2934	2.535	1.0003	3.8652	1.00000
2000	-0.6471	0.2177	3.8918	1.2899	2.598	1.0003	3.8976	1.00000
2100	-0.5764	0.3096	3.9153	1.2995	2.672	1.0004	3.9183	1.00000
2200	-0.5087	0.3975	3.9378	1.2980	2.733	1.0005	3.9388	1.00000
2300	-0.4437	0.4819	3.9591	1.2968	2.793	1.0005	3.9572	1.00000
2400	-0.3811	0.5630	3.9795	1.2956	2.852	1.0006	3.9749	1.00000
2500	-0.3209	0.6410	3.9992	1.2947	2.910	1.0007	3.9926	1.00000
2600	-0.2629	0.7161	4.0180	1.2938	2.967	1.0008	4.0086	1.00000
2700	-0.2068	0.7885	4.0360	1.2929	3.023	1.0009	4.0236	1.00000
2800	-0.1527	0.8585	4.0534	1.2922	3.078	1.0010	4.0390	1.00000
2900	-0.1003	0.9262	4.0702	1.2916	3.131	1.0012	4.0529	1.00000
3000	-0.0495	0.9918	4.0863	1.2909	3.184	1.0013	4.0660	1.00000
3100	-0.0003	1.0553	4.1020	1.2904	3.237	1.0015	4.0795	1.00000
3200	0.0475	1.1169	4.1170	1.2898	3.288	1.0016	4.0915	1.00001
3300	0.0939	1.1768	4.1317	1.2893	3.339	1.0018	4.1035	1.00001
3400	0.1390	1.2349	4.1459	1.2888	3.388	1.0020	4.1156	1.00002
3500	0.1830	1.2916	4.1596	1.2884	3.438	1.0022	4.1262	1.00002
3600	0.2257	1.3467	4.1730	1.2880	3.486	1.0024	4.1373	1.00004
3700	0.2675	1.4005	4.1860	1.2872	3.534	1.0027	4.1473	1.00005
3800	0.3083	1.4530	4.1987	1.2863	3.581	1.0030	4.1585	1.00008
3900	0.3483	1.5043	4.2111	1.2855	3.627	1.0033	4.1689	1.00010
4000	0.3873	1.5546	4.2231	1.2844	3.672	1.0036	4.1788	1.00015
4100	0.4257	1.6038	4.2349	1.2841	3.718	1.0040	4.1893	1.00019
4200	0.4631	1.6518	4.2464	1.2846	3.764	1.0044	4.1991	1.00026
4300	0.4998	1.6989	4.2577	1.2843	3.809	1.0049	4.2098	1.00035
4400	0.5358	1.7452	4.2687	1.2834	3.853	1.0055	4.2194	1.00044
4500	0.5712	1.7906	4.2796	1.2808	3.894	1.0061	4.2303	1.00057
4600	0.6063	1.8355	4.2902	1.2748	3.929	1.0066	4.2409	1.00071
4700	0.6415	1.8802	4.3008	1.2671	3.960	1.0071	4.2530	1.00089
4800	0.6768	1.9249	4.3113	1.2591	3.990	1.0074	4.2668	1.00109
4900	0.7125	1.9697	4.3219	1.2506	4.019	1.0078	4.2829	1.00134
5000	0.7488	2.0148	4.3325	1.2996	4.139	1.0081	4.3007	1.00161
5100	0.7744	2.0501	4.3411	1.3135	4.207	1.0104	4.3005	1.00196
5200	0.8077	2.0923	4.3509	1.2648	4.171	1.0114	4.3144	1.00233
5300	0.8410	2.1343	4.3607	1.2617	4.208	1.0126	4.3294	1.00274
5400	0.8742	2.1761	4.3704	1.2590	4.245	1.0138	4.3454	1.00322
5500	0.9073	2.2178	4.3801	1.2568	4.284	1.0151	4.3623	1.00374
5600	0.9404	2.2593	4.3897	1.2548	4.322	1.0166	4.3800	1.00432
5700	0.9733	2.3006	4.3992	1.2533	4.361	1.0182	4.3986	1.00495
5800	1.0061	2.3417	4.4086	1.2515	4.400	1.0199	4.4178	1.00566
5900	1.0389	2.3827	4.4180	1.2499	4.439	1.0218	4.4379	1.00641
6000	1.0716	2.4236	4.4274	1.2489	4.479	1.0238	4.4588	1.00724
6100	1.1042	2.4643	4.4366	1.2477	4.519	1.0259	4.4804	1.00812
6200	1.1368	2.5049	4.4459	1.2466	4.559	1.0282	4.5028	1.00907
6300	1.1693	2.5454	4.4551	1.2456	4.599	1.0307	4.5262	1.01009
6400	1.2018	2.5858	4.4642	1.2445	4.639	1.0334	4.5502	1.01116
6500	1.2342	2.6262	4.4733	1.2435	4.680	1.0362	4.5753	1.01229

S/R= 29.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	1.2667	2.6666	4.4824	1.2429	4.722	1.0393	4.6013	1.01349
6700	1.2992	2.7070	4.4915	1.2430	4.765	1.0425	4.6281	1.01475
6800	1.3315	2.7472	4.5005	1.2436	4.809	1.0460	4.6557	1.01606
6900	1.3638	2.7873	4.5094	1.2444	4.855	1.0496	4.6838	1.01743
7000	1.3959	2.8272	4.5184	1.2455	4.901	1.0535	4.7125	1.01885
7100	1.4277	2.8669	4.5272	1.2470	4.948	1.0576	4.7416	1.02033
7200	1.4594	2.9064	4.5359	1.2488	4.997	1.0619	4.7710	1.02186
7300	1.4908	2.9457	4.5446	1.2509	5.046	1.0665	4.8007	1.02343
7400	1.5220	2.9848	4.5533	1.2535	5.098	1.0713	4.8309	1.02505
7500	1.5530	3.0236	4.5618	1.2562	5.150	1.0764	4.8614	1.02671
7600	1.5837	3.0622	4.5703	1.2589	5.202	1.0818	4.8922	1.02842
7700	1.6142	3.1007	4.5787	1.2615	5.255	1.0874	4.9233	1.03016
7800	1.6444	3.1388	4.5871	1.2644	5.310	1.0933	4.9548	1.03194
7900	1.6744	3.1768	4.5954	1.2678	5.366	1.0994	4.9867	1.03375
8000	1.7042	3.2146	4.6037	1.2710	5.423	1.1059	5.0191	1.03557
8100	1.7338	3.2523	4.6120	1.2745	5.481	1.1128	5.0522	1.03743
8200	1.7632	3.2898	4.6202	1.2786	5.541	1.1200	5.0857	1.03930
8300	1.7923	3.3271	4.6283	1.2828	5.603	1.1275	5.1198	1.04119
8400	1.8211	3.3641	4.6364	1.2872	5.666	1.1353	5.1542	1.04309
8500	1.8497	3.4009	4.6445	1.2921	5.731	1.1435	5.1891	1.04501
8600	1.8779	3.4375	4.6525	1.2976	5.798	1.1521	5.2243	1.04694
8700	1.9057	3.4737	4.6605	1.3035	5.868	1.1610	5.2599	1.04888
8800	1.9333	3.5097	4.6684	1.3096	5.939	1.1703	5.2958	1.05082
8900	1.9604	3.5453	4.6763	1.3161	6.012	1.1800	5.3321	1.05278
9000	1.9872	3.5807	4.6841	1.3227	6.087	1.1902	5.3686	1.05473
9100	2.0136	3.6157	4.6919	1.3296	6.163	1.2007	5.4053	1.05669
9200	2.0397	3.6504	4.6996	1.3369	6.242	1.2115	5.4423	1.05865
9300	2.0653	3.6848	4.7072	1.3446	6.323	1.2228	5.4793	1.06061
9400	2.0905	3.7188	4.7148	1.3527	6.407	1.2345	5.5166	1.06256
9500	2.1152	3.7523	4.7223	1.3615	6.493	1.2466	5.5539	1.06452
9600	2.1394	3.7854	4.7298	1.3705	6.581	1.2590	5.5912	1.06649
9700	2.1632	3.8181	4.7372	1.3787	6.670	1.2720	5.6287	1.06845
9800	2.1866	3.8505	4.7445	1.3869	6.759	1.2853	5.6663	1.07040
9900	2.2097	3.8826	4.7518	1.3950	6.850	1.2991	5.7043	1.07234
10000	2.2325	3.9144	4.7591	1.4025	6.940	1.3133	5.7426	1.07425
10100	2.2550	3.9460	4.7664	1.4024	7.013	1.3280	5.7816	1.07614
10200	2.2789	3.9796	4.7746	1.4116	7.114	1.3443	5.8343	1.07804
10300	2.3006	4.0105	4.7817	1.4298	7.237	1.3599	5.8736	1.07991
10400	2.3220	4.0411	4.7888	1.4399	7.340	1.3759	5.9130	1.08174
10500	2.3427	4.0711	4.7959	1.4483	7.441	1.3921	5.9525	1.08357
10600	2.3635	4.1012	4.8029	1.4566	7.543	1.4090	5.9925	1.08536
10700	2.3837	4.1308	4.8099	1.4624	7.639	1.4261	6.0325	1.08715

S/R= 30.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.2522	-4.6886	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.4994	-3.6347	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.0588	-3.0181	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.7454	-2.5798	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.4998	-2.2372	3.2450	1.3913	1.349	1.0000	3.5156	1.00000
600	-2.2951	-1.9532	3.3251	1.3827	1.473	1.0000	3.5232	1.00000
700	-2.1172	-1.7083	3.3930	1.3719	1.585	1.0001	3.5310	1.00000
800	-1.9585	-1.4914	3.4552	1.3605	1.687	1.0001	3.5655	1.00000
900	-1.8142	-1.2961	3.5098	1.3491	1.782	1.0001	3.5938	1.00000

S/R= 30.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-1.6814	-1.1176	3.5589	1.3410	1.873	1.0000	3.6218	1.00000
1100	-1.5591	-0.9539	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.4452	-0.8022	3.6453	1.3291	2.042	1.0000	3.6824	1.00000
1300	-1.3385	-0.6608	3.6836	1.3238	2.121	1.0001	3.7120	1.00000
1400	-1.2384	-0.5284	3.7191	1.3195	2.198	1.0001	3.7407	1.00000
1500	-1.1439	-0.4040	3.7522	1.3157	2.272	1.0001	3.7681	1.00000
1600	-1.0546	-0.2867	3.7833	1.3125	2.344	1.0001	3.7943	1.00000
1700	-0.9699	-0.1756	3.8124	1.3098	2.413	1.0001	3.8192	1.00000
1800	-0.8894	-0.0703	3.8399	1.3075	2.481	1.0002	3.8428	1.00000
1900	-0.8128	0.0299	3.8659	1.2933	2.535	1.0002	3.8652	1.00000
2000	-0.7339	0.1308	3.8918	1.2898	2.598	1.0003	3.8975	1.00000
2100	-0.6632	0.2227	3.9153	1.2994	2.672	1.0003	3.9182	1.00000
2200	-0.5955	0.3107	3.9378	1.2979	2.733	1.0004	3.9388	1.00000
2300	-0.5305	0.3951	3.9591	1.2966	2.793	1.0004	3.9571	1.00000
2400	-0.4679	0.4761	3.9795	1.2955	2.852	1.0005	3.9748	1.00000
2500	-0.4077	0.5541	3.9992	1.2945	2.910	1.0006	3.9925	1.00000
2600	-0.3497	0.6292	4.0179	1.2937	2.967	1.0007	4.0084	1.00000
2700	-0.2936	0.7017	4.0360	1.2927	3.022	1.0008	4.0234	1.00000
2800	-0.2394	0.7717	4.0534	1.2920	3.077	1.0009	4.0388	1.00000
2900	-0.1870	0.8394	4.0701	1.2914	3.131	1.0010	4.0527	1.00000
3000	-0.1363	0.9049	4.0863	1.2907	3.184	1.0011	4.0658	1.00000
3100	-0.0870	0.9685	4.1019	1.2901	3.236	1.0012	4.0792	1.00000
3200	-0.0392	1.0301	4.1170	1.2894	3.287	1.0014	4.0913	1.00001
3300	0.0072	1.0899	4.1316	1.2889	3.338	1.0015	4.1033	1.00001
3400	0.0523	1.1481	4.1459	1.2883	3.387	1.0017	4.1153	1.00002
3500	0.0963	1.2048	4.1596	1.2877	3.436	1.0018	4.1259	1.00002
3600	0.1391	1.2599	4.1730	1.2872	3.485	1.0020	4.1370	1.00004
3700	0.1809	1.3137	4.1859	1.2863	3.532	1.0022	4.1471	1.00006
3800	0.2218	1.3662	4.1987	1.2855	3.578	1.0025	4.1582	1.00009
3900	0.2618	1.4176	4.2111	1.2846	3.624	1.0027	4.1686	1.00012
4000	0.3009	1.4679	4.2231	1.2833	3.669	1.0030	4.1785	1.00016
4100	0.3393	1.5171	4.2349	1.2823	3.714	1.0033	4.1891	1.00022
4200	0.3769	1.5654	4.2464	1.2820	3.759	1.0036	4.1992	1.00029
4300	0.4138	1.6126	4.2578	1.2819	3.804	1.0040	4.2102	1.00038
4400	0.4500	1.6590	4.2688	1.2814	3.848	1.0045	4.2200	1.00049
4500	0.4855	1.7045	4.2797	1.2798	3.891	1.0051	4.2310	1.00062
4600	0.5207	1.7495	4.2903	1.2760	3.929	1.0057	4.2417	1.00079
4700	0.5559	1.7943	4.3009	1.2702	3.964	1.0063	4.2538	1.00099
4800	0.5911	1.8389	4.3114	1.2616	3.993	1.0069	4.2676	1.00121
4900	0.6267	1.8837	4.3220	1.2513	4.019	1.0073	4.2834	1.00148
5000	0.6629	1.9287	4.3325	1.2863	4.117	1.0076	4.3009	1.00178
5100	0.6992	1.9654	4.3414	1.2968	4.178	1.0091	4.3035	1.00216
5200	0.7239	2.0079	4.3513	1.2608	4.161	1.0101	4.3180	1.00256
5300	0.7576	2.0503	4.3611	1.2574	4.198	1.0111	4.3337	1.00302
5400	0.7913	2.0926	4.3709	1.2544	4.235	1.0123	4.3505	1.00354
5500	0.8249	2.1347	4.3807	1.2518	4.272	1.0136	4.3682	1.00412
5600	0.8585	2.1767	4.3903	1.2495	4.309	1.0149	4.3868	1.00475
5700	0.8920	2.2185	4.3999	1.2476	4.348	1.0164	4.4062	1.00544
5800	0.9254	2.2602	4.4095	1.2458	4.386	1.0181	4.4265	1.00621
5900	0.9588	2.3018	4.4190	1.2441	4.424	1.0198	4.4477	1.00704
6000	0.9922	2.3432	4.4284	1.2426	4.463	1.0217	4.4696	1.00794
6100	1.0254	2.3846	4.4378	1.2409	4.502	1.0238	4.4923	1.00890
6200	1.0587	2.4259	4.4471	1.2395	4.541	1.0260	4.5159	1.00994
6300	1.0920	2.4670	4.4564	1.2385	4.581	1.0283	4.5404	1.01104
6400	1.1252	2.5082	4.4657	1.2374	4.620	1.0309	4.5658	1.01220

S/R= 30.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	1.1585	2.5493	4.4749	1.2362	4.660	1.0336	4.5920	1.01344
6600	1.1917	2.5904	4.4841	1.2354	4.701	1.0365	4.6193	1.01473
6700	1.2250	2.6315	4.4933	1.2349	4.742	1.0395	4.6473	1.01609
6800	1.2582	2.6725	4.5024	1.2350	4.785	1.0428	4.6760	1.01750
6900	1.2912	2.7133	4.5114	1.2357	4.830	1.0463	4.7054	1.01899
7000	1.3242	2.7540	4.5204	1.2368	4.875	1.0499	4.7353	1.02052
7100	1.3568	2.7945	4.5294	1.2383	4.922	1.0538	4.7655	1.02211
7200	1.3893	2.8347	4.5382	1.2397	4.969	1.0579	4.7961	1.02375
7300	1.4216	2.8748	4.5470	1.2412	5.017	1.0623	4.8270	1.02544
7400	1.4537	2.9146	4.5557	1.2432	5.066	1.0668	4.8582	1.02717
7500	1.4855	2.9542	4.5643	1.2456	5.116	1.0716	4.8897	1.02895
7600	1.5171	2.9935	4.5729	1.2482	5.168	1.0766	4.9214	1.03078
7700	1.5484	3.0327	4.5814	1.2509	5.220	1.0819	4.9535	1.03263
7800	1.5794	3.0715	4.5898	1.2536	5.273	1.0875	4.9859	1.03453
7900	1.6102	3.1102	4.5982	1.2561	5.326	1.0933	5.0187	1.03646
8000	1.6409	3.1487	4.6065	1.2586	5.380	1.0994	5.0518	1.03840
8100	1.6713	3.1871	4.6148	1.2619	5.437	1.1058	5.0856	1.04038
8200	1.7015	3.2252	4.6231	1.2657	5.495	1.1125	5.1198	1.04237
8300	1.7314	3.2632	4.6313	1.2696	5.554	1.1196	5.1544	1.04437
8400	1.7610	3.3008	4.6394	1.2742	5.616	1.1270	5.1894	1.04639
8500	1.7903	3.3383	4.6475	1.2786	5.679	1.1347	5.2248	1.04842
8600	1.8193	3.3754	4.6555	1.2832	5.743	1.1427	5.2604	1.05047
8700	1.8480	3.4123	4.6635	1.2884	5.808	1.1511	5.2963	1.05252
8800	1.8763	3.4488	4.6714	1.2941	5.877	1.1598	5.3325	1.05457
8900	1.9043	3.4850	4.6793	1.3003	5.947	1.1689	5.3690	1.05664
9000	1.9318	3.5209	4.6871	1.3065	6.019	1.1783	5.4056	1.05871
9100	1.9590	3.5565	4.6948	1.3132	6.094	1.1882	5.4425	1.06078
9200	1.9857	3.5918	4.7025	1.3202	6.170	1.1985	5.4795	1.06284
9300	2.0121	3.6266	4.7102	1.3272	6.247	1.2091	5.5166	1.06490
9400	2.0380	3.6611	4.7177	1.3349	6.327	1.2200	5.5538	1.06696
9500	2.0635	3.6952	4.7252	1.3432	6.410	1.2314	5.5910	1.06903
9600	2.0884	3.7288	4.7326	1.3515	6.494	1.2431	5.6282	1.07111
9700	2.1129	3.7621	4.7400	1.3595	6.579	1.2552	5.6655	1.07317
9800	2.1370	3.7950	4.7473	1.3673	6.665	1.2678	5.7029	1.07523
9900	2.1608	3.8275	4.7546	1.3750	6.752	1.2808	5.7406	1.07726
10000	2.1842	3.8598	4.7618	1.3823	6.839	1.2942	5.7786	1.07928
10100	2.2074	3.8919	4.7690	1.3822	6.910	1.3081	5.8173	1.08126
10200	2.2321	3.9260	4.7772	1.3910	7.007	1.3235	5.8694	1.08327
10300	2.2544	3.9573	4.7843	1.4086	7.126	1.3382	5.9082	1.08523
10400	2.2764	3.9883	4.7913	1.4186	7.226	1.3534	5.9472	1.08715
10500	2.2977	4.0188	4.7983	1.4271	7.324	1.3689	5.9862	1.08907
10600	2.3191	4.0493	4.8053	1.4354	7.423	1.3849	6.0257	1.09096
10700	2.3398	4.0792	4.8122	1.4438	7.524	1.4012	6.0653	1.09283
10800	2.3605	4.1091	4.8191	1.4520	7.625	1.4179	6.1046	1.09464
10900	2.3807	4.1385	4.8259	1.4576	7.722	1.4350	6.1446	1.09647

S/R= 30.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.3391	-4.7755	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.5862	-3.7216	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.1457	-3.1050	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.8323	-2.6666	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.5866	-2.3241	3.2450	1.3910	1.349	1.0000	3.5156	1.00000
600	-2.3819	-2.0401	3.3251	1.3826	1.473	1.0000	3.5232	1.00000

S/R= 30.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-2.2041	-1.7951	3.3930	1.3725	1.585	1.0000	3.5310	1.00000
800	-2.0454	-1.5783	3.4552	1.3607	1.687	1.0001	3.5655	1.00000
900	-1.9012	-1.3830	3.5098	1.3489	1.782	1.0001	3.5938	1.00000
1000	-1.7682	-1.2044	3.5589	1.3408	1.872	1.0000	3.6218	1.00000
1100	-1.6459	-1.0407	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.5320	-0.8890	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.4254	-0.7477	3.6836	1.3238	2.121	1.0000	3.7120	1.00000
1400	-1.3252	-0.6153	3.7191	1.3194	2.198	1.0001	3.7406	1.00000
1500	-1.2308	-0.4909	3.7522	1.3157	2.272	1.0001	3.7681	1.00000
1600	-1.1415	-0.3735	3.7833	1.3125	2.344	1.0001	3.7943	1.00000
1700	-1.0568	-0.2625	3.8124	1.3098	2.413	1.0001	3.8192	1.00000
1800	-0.9763	-0.1572	3.8399	1.3075	2.481	1.0001	3.8428	1.00000
1900	-0.8996	-0.0570	3.8659	1.2932	2.535	1.0002	3.8651	1.00000
2000	-0.8207	0.0440	3.8918	1.2897	2.597	1.0002	3.8975	1.00000
2100	-0.7501	0.1359	3.9153	1.2993	2.672	1.0003	3.9181	1.00000
2200	-0.6823	0.2238	3.9378	1.2978	2.733	1.0003	3.9387	1.00000
2300	-0.6173	0.3082	3.9591	1.2966	2.793	1.0004	3.9570	1.00000
2400	-0.5548	0.3892	3.9795	1.2953	2.852	1.0004	3.9747	1.00000
2500	-0.4945	0.4673	3.9992	1.2943	2.910	1.0005	3.9924	1.00000
2600	-0.4365	0.5424	4.0179	1.2935	2.966	1.0005	4.0083	1.00000
2700	-0.3804	0.6148	4.0359	1.2925	3.022	1.0006	4.0233	1.00000
2800	-0.3262	0.6848	4.0534	1.2918	3.077	1.0007	4.0386	1.00000
2900	-0.2738	0.7525	4.0701	1.2912	3.130	1.0008	4.0526	1.00000
3000	-0.2230	0.8181	4.0862	1.2905	3.183	1.0009	4.0656	1.00000
3100	-0.1738	0.8816	4.1019	1.2898	3.235	1.0010	4.0790	1.00000
3200	-0.1260	0.9432	4.1170	1.2890	3.286	1.0011	4.0910	1.00001
3300	-0.0795	1.0031	4.1316	1.2885	3.337	1.0012	4.1030	1.00001
3400	-0.0344	1.0613	4.1459	1.2880	3.386	1.0014	4.1151	1.00002
3500	0.0096	1.1179	4.1596	1.2872	3.435	1.0015	4.1257	1.00003
3600	0.0525	1.1731	4.1730	1.2866	3.483	1.0017	4.1368	1.00005
3700	0.0943	1.2269	4.1859	1.2856	3.530	1.0018	4.1469	1.00006
3800	0.1352	1.2795	4.1987	1.2847	3.577	1.0020	4.1580	1.00009
3900	0.1753	1.3309	4.2110	1.2839	3.623	1.0023	4.1684	1.00013
4000	0.2144	1.3812	4.2231	1.2825	3.667	1.0025	4.1783	1.00018
4100	0.2529	1.4305	4.2349	1.2811	3.711	1.0028	4.1889	1.00024
4200	0.2907	1.4788	4.2464	1.2802	3.755	1.0030	4.1992	1.00032
4300	0.3277	1.5262	4.2578	1.2793	3.799	1.0034	4.2105	1.00042
4400	0.3641	1.5728	4.2688	1.2783	3.842	1.0038	4.2207	1.00054
4500	0.3999	1.6186	4.2798	1.2772	3.885	1.0042	4.2321	1.00069
4600	0.4353	1.6637	4.2904	1.2745	3.925	1.0048	4.2430	1.00087
4700	0.4706	1.7086	4.3010	1.2697	3.961	1.0054	4.2553	1.00109
4800	0.5059	1.7533	4.3116	1.2632	3.994	1.0060	4.2691	1.00134
4900	0.5414	1.7981	4.3221	1.2553	4.024	1.0067	4.2850	1.00164
5000	0.5774	1.8431	4.3327	1.2784	4.103	1.0072	4.3023	1.00197
5100	0.6062	1.8809	4.3418	1.2835	4.154	1.0081	4.3073	1.00238
5200	0.6402	1.9237	4.3517	1.2570	4.153	1.0090	4.3225	1.00282
5300	0.6744	1.9666	4.3617	1.2532	4.188	1.0100	4.3390	1.00333
5400	0.7085	2.0093	4.3715	1.2500	4.225	1.0111	4.3566	1.00390
5500	0.7427	2.0520	4.3814	1.2473	4.261	1.0123	4.3752	1.00453
5600	0.7768	2.0945	4.3911	1.2446	4.298	1.0137	4.3948	1.00522
5700	0.8109	2.1369	4.4008	1.2423	4.336	1.0151	4.4153	1.00598
5800	0.8450	2.1792	4.4105	1.2403	4.373	1.0167	4.4367	1.00681
5900	0.8790	2.2214	4.4201	1.2384	4.411	1.0184	4.4590	1.00772
6000	0.9131	2.2635	4.4296	1.2368	4.449	1.0202	4.4822	1.00871
6100	0.9471	2.3055	4.4391	1.2350	4.487	1.0222	4.5062	1.00975

S/R= 30.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	0.9811	2.3475	4.4486	1.2334	4.526	1.0243	4.5311	1.01087
6300	1.0151	2.3895	4.4580	1.2320	4.565	1.0266	4.5569	1.01207
6400	1.0491	2.4313	4.4674	1.2306	4.604	1.0290	4.5836	1.01333
6500	1.0832	2.4732	4.4767	1.2292	4.643	1.0316	4.6111	1.01467
6600	1.1173	2.5151	4.4860	1.2284	4.683	1.0344	4.6397	1.01607
6700	1.1514	2.5570	4.4953	1.2279	4.724	1.0374	4.6691	1.01754
6800	1.1854	2.5987	4.5045	1.2278	4.766	1.0405	4.6992	1.01906
6900	1.2193	2.6404	4.5137	1.2280	4.809	1.0438	4.7299	1.02066
7000	1.2531	2.6818	4.5228	1.2288	4.854	1.0473	4.7610	1.02230
7100	1.2866	2.7231	4.5318	1.2299	4.899	1.0510	4.7925	1.02401
7200	1.3200	2.7641	4.5408	1.2313	4.945	1.0549	4.8243	1.02577
7300	1.3531	2.8050	4.5496	1.2329	4.993	1.0591	4.8564	1.02758
7400	1.3860	2.8456	4.5584	1.2344	5.040	1.0634	4.8888	1.02943
7500	1.4187	2.8859	4.5672	1.2363	5.089	1.0680	4.9215	1.03133
7600	1.4511	2.9260	4.5758	1.2386	5.139	1.0728	4.9543	1.03328
7700	1.4832	2.9659	4.5844	1.2409	5.189	1.0778	4.9874	1.03526
7800	1.5151	3.0055	4.5929	1.2434	5.241	1.0831	5.0207	1.03728
7900	1.5468	3.0449	4.6013	1.2461	5.294	1.0886	5.0544	1.03933
8000	1.5782	3.0841	4.6097	1.2485	5.346	1.0944	5.0885	1.04139
8100	1.6094	3.1231	4.6180	1.2511	5.400	1.1005	5.1231	1.04349
8200	1.6404	3.1619	4.6263	1.2541	5.456	1.1068	5.1580	1.04560
8300	1.6711	3.2005	4.6345	1.2575	5.513	1.1134	5.1933	1.04772
8400	1.7016	3.2388	4.6427	1.2617	5.572	1.1203	5.2288	1.04986
8500	1.7317	3.2769	4.6508	1.2662	5.633	1.1276	5.2648	1.05200
8600	1.7614	3.3146	4.6589	1.2710	5.696	1.1352	5.3010	1.05417
8700	1.7908	3.3520	4.6668	1.2756	5.760	1.1431	5.3374	1.05634
8800	1.8199	3.3892	4.6748	1.2804	5.824	1.1513	5.3739	1.05850
8900	1.8486	3.4260	4.6826	1.2859	5.892	1.1598	5.4106	1.06068
9000	1.8769	3.4624	4.6904	1.2916	5.960	1.1687	5.4475	1.06286
9100	1.9048	3.4986	4.6982	1.2980	6.032	1.1780	5.4845	1.06504
9200	1.9322	3.5343	4.7059	1.3047	6.106	1.1876	5.5216	1.06722
9300	1.9593	3.5697	4.7135	1.3117	6.181	1.1976	5.5589	1.06939
9400	1.9859	3.6047	4.7210	1.3190	6.258	1.2080	5.5961	1.07156
9500	2.0120	3.6393	4.7285	1.3266	6.338	1.2187	5.6334	1.07373
9600	2.0377	3.6734	4.7359	1.3342	6.418	1.2297	5.6705	1.07591
9700	2.0629	3.7071	4.7432	1.3418	6.499	1.2412	5.7076	1.07808
9800	2.0877	3.7405	4.7505	1.3493	6.582	1.2530	5.7449	1.08025
9900	2.1121	3.7736	4.7577	1.3566	6.666	1.2652	5.7824	1.08238
10000	2.1362	3.8063	4.7649	1.3635	6.750	1.2778	5.8201	1.08450
10100	2.1601	3.8389	4.7721	1.3635	6.818	1.2909	5.8584	1.08658
10200	2.1854	3.8734	4.7802	1.3719	6.912	1.3055	5.9100	1.08869
10300	2.2084	3.9052	4.7872	1.3890	7.026	1.3195	5.9484	1.09074
10400	2.2309	3.9366	4.7942	1.3987	7.123	1.3338	5.9869	1.09276
10500	2.2529	3.9675	4.8012	1.4069	7.218	1.3485	6.0254	1.09477
10600	2.2748	3.9984	4.8081	1.4152	7.314	1.3637	6.0644	1.09675
10700	2.2962	4.0287	4.8150	1.4235	7.412	1.3792	6.1036	1.09871
10800	2.3173	4.0589	4.8218	1.4318	7.511	1.3952	6.1424	1.10061
10900	2.3381	4.0887	4.8286	1.4414	7.615	1.4115	6.1819	1.10253
11000	2.3584	4.1182	4.8353	1.4496	7.717	1.4282	6.2214	1.10441
11100	2.3785	4.1473	4.8420	1.4587	7.823	1.4452	6.2609	1.10626
11200	2.3981	4.1760	4.8486	1.4637	7.918	1.4625	6.3010	1.10811

S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.4259	-4.8623	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.6731	-3.8084	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.2325	-3.1918	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-2.9192	-2.7535	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.6735	-2.4109	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.4687	-2.1269	3.3251	1.3827	1.473	1.0000	3.5232	1.00000
700	-2.2909	-1.8820	3.3930	1.3727	1.585	1.0000	3.5310	1.00000
800	-2.1323	-1.6652	3.4552	1.3609	1.687	1.0001	3.5655	1.00000
900	-1.9881	-1.4698	3.5098	1.3488	1.782	1.0001	3.5938	1.00000
1000	-1.8551	-1.2913	3.5589	1.3405	1.872	1.0000	3.6218	1.00000
1100	-1.7328	-1.1276	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.6189	-0.9759	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.5123	-0.8345	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-1.4121	-0.7022	3.7191	1.3194	2.198	1.0001	3.7406	1.00000
1500	-1.3176	-0.5777	3.7522	1.3157	2.272	1.0001	3.7681	1.00000
1600	-1.2283	-0.4604	3.7833	1.3125	2.344	1.0001	3.7943	1.00000
1700	-1.1436	-0.3494	3.8124	1.3097	2.413	1.0001	3.8192	1.00000
1800	-1.0631	-0.2440	3.8399	1.3074	2.481	1.0001	3.8428	1.00000
1900	-0.9865	-0.1439	3.8659	1.2932	2.535	1.0001	3.8651	1.00000
2000	-0.9076	-0.0429	3.8918	1.2896	2.597	1.0002	3.8974	1.00000
2100	-0.8369	0.0490	3.9153	1.2992	2.671	1.0002	3.9181	1.00000
2200	-0.7692	0.1370	3.9378	1.2978	2.733	1.0003	3.9386	1.00000
2300	-0.7041	0.2213	3.9591	1.2965	2.793	1.0003	3.9570	1.00000
2400	-0.6416	0.3024	3.9795	1.2952	2.852	1.0003	3.9746	1.00000
2500	-0.5813	0.3804	3.9992	1.2943	2.909	1.0004	3.9923	1.00000
2600	-0.5233	0.4555	4.0179	1.2934	2.966	1.0004	4.0082	1.00000
2700	-0.4672	0.5280	4.0359	1.2923	3.021	1.0005	4.0232	1.00000
2800	-0.4130	0.5980	4.0534	1.2917	3.076	1.0006	4.0385	1.00000
2900	-0.3606	0.6657	4.0701	1.2911	3.130	1.0006	4.0524	1.00000
3000	-0.3098	0.7312	4.0862	1.2903	3.183	1.0007	4.0654	1.00000
3100	-0.2606	0.7948	4.1019	1.2896	3.235	1.0008	4.0788	1.00000
3200	-0.2128	0.8564	4.1170	1.2887	3.285	1.0009	4.0908	1.00001
3300	-0.1662	0.9163	4.1316	1.2882	3.336	1.0010	4.1028	1.00001
3400	-0.1211	0.9745	4.1458	1.2877	3.386	1.0011	4.1149	1.00002
3500	-0.0771	1.0311	4.1595	1.2868	3.434	1.0013	4.1255	1.00003
3600	-0.0342	1.0863	4.1730	1.2860	3.482	1.0014	4.1366	1.00005
3700	0.0077	1.1402	4.1859	1.2851	3.529	1.0016	4.1468	1.00007
3800	0.0487	1.1928	4.1987	1.2840	3.575	1.0017	4.1580	1.00010
3900	0.0887	1.2442	4.2110	1.2830	3.621	1.0019	4.1684	1.00014
4000	0.1280	1.2945	4.2231	1.2817	3.665	1.0021	4.1784	1.00019
4100	0.1665	1.3439	4.2349	1.2802	3.709	1.0023	4.1890	1.00027
4200	0.2043	1.3923	4.2464	1.2789	3.753	1.0026	4.1995	1.00036
4300	0.2415	1.4398	4.2579	1.2774	3.795	1.0029	4.2110	1.00046
4400	0.2782	1.4866	4.2689	1.2761	3.838	1.0032	4.2215	1.00060
4500	0.3142	1.5326	4.2799	1.2743	3.879	1.0036	4.2333	1.00076
4600	0.3499	1.5780	4.2906	1.2713	3.918	1.0041	4.2447	1.00096
4700	0.3854	1.6231	4.3012	1.2673	3.956	1.0046	4.2574	1.00120
4800	0.4209	1.6679	4.3118	1.2623	3.991	1.0052	4.2714	1.00148
4900	0.4565	1.7128	4.3224	1.2556	4.023	1.0059	4.2875	1.00181
5000	0.4925	1.7579	4.3329	1.2742	4.095	1.0066	4.3048	1.00217
5100	0.5223	1.7966	4.3422	1.2766	4.141	1.0074	4.3117	1.00262
5200	0.5567	1.8399	4.3523	1.2533	4.145	1.0082	4.3278	1.00311
5300	0.5913	1.8832	4.3623	1.2492	4.180	1.0092	4.3452	1.00366
5400	0.6260	1.9265	4.3723	1.2457	4.216	1.0103	4.3638	1.00429
5500	0.6607	1.9696	4.3822	1.2427	4.252	1.0114	4.3834	1.00498

S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	0.6955	2.0127	4.3920	1.2400	4.288	1.0127	4.4041	1.00573
5700	0.7302	2.0558	4.4019	1.2374	4.325	1.0141	4.4258	1.00657
5800	0.7649	2.0987	4.4116	1.2352	4.362	1.0157	4.4484	1.00747
5900	0.7997	2.1416	4.4214	1.2330	4.399	1.0173	4.4720	1.00847
6000	0.8345	2.1845	4.4310	1.2311	4.437	1.0191	4.4965	1.00954
6100	0.8692	2.2272	4.4407	1.2293	4.475	1.0211	4.5219	1.01068
6200	0.9040	2.2700	4.4502	1.2275	4.512	1.0231	4.5482	1.01189
6300	0.9388	2.3127	4.4598	1.2261	4.551	1.0254	4.5754	1.01319
6400	0.9737	2.3553	4.4693	1.2246	4.589	1.0278	4.6036	1.01456
6500	1.0085	2.3980	4.4787	1.2229	4.628	1.0303	4.6326	1.01600
6600	1.0435	2.4408	4.4882	1.2218	4.667	1.0330	4.6627	1.01751
6700	1.0784	2.4834	4.4976	1.2211	4.708	1.0359	4.6935	1.01909
6800	1.1133	2.5260	4.5069	1.2210	4.749	1.0389	4.7250	1.02073
6900	1.1481	2.5685	4.5162	1.2213	4.792	1.0421	4.7571	1.02244
7000	1.1827	2.6107	4.5254	1.2220	4.836	1.0455	4.7897	1.02421
7100	1.2171	2.6528	4.5345	1.2225	4.880	1.0491	4.8226	1.02604
7200	1.2513	2.6947	4.5436	1.2235	4.925	1.0529	4.8557	1.02792
7300	1.2853	2.7363	4.5526	1.2250	4.971	1.0569	4.8891	1.02986
7400	1.3191	2.7777	4.5614	1.2265	5.018	1.0610	4.9228	1.03183
7500	1.3526	2.8188	4.5703	1.2284	5.066	1.0654	4.9567	1.03386
7600	1.3859	2.8597	4.5790	1.2305	5.115	1.0700	4.9907	1.03593
7700	1.4188	2.9003	4.5876	1.2321	5.164	1.0748	5.0249	1.03804
7800	1.4516	2.9406	4.5962	1.2342	5.214	1.0799	5.0593	1.04018
7900	1.4841	2.9808	4.6047	1.2366	5.265	1.0851	5.0940	1.04235
8000	1.5163	3.0207	4.6131	1.2388	5.316	1.0906	5.1290	1.04455
8100	1.5483	3.0604	4.6215	1.2416	5.370	1.0964	5.1645	1.04676
8200	1.5801	3.0998	4.6298	1.2446	5.424	1.1025	5.2002	1.04900
8300	1.6116	3.1391	4.6381	1.2472	5.478	1.1088	5.2363	1.05124
8400	1.6428	3.1780	4.6463	1.2506	5.535	1.1153	5.2725	1.05349
8500	1.6736	3.2167	4.6544	1.2547	5.594	1.1221	5.3090	1.05576
8600	1.7042	3.2551	4.6625	1.2592	5.655	1.1293	5.3457	1.05805
8700	1.7343	3.2931	4.6705	1.2639	5.717	1.1368	5.3826	1.06033
8800	1.7641	3.3308	4.6785	1.2689	5.781	1.1446	5.4196	1.06261
8900	1.7934	3.3681	4.6863	1.2738	5.846	1.1527	5.4568	1.06491
9000	1.8224	3.4051	4.6941	1.2785	5.911	1.1611	5.4939	1.06720
9100	1.8511	3.4418	4.7019	1.2844	5.979	1.1698	5.5312	1.06949
9200	1.8793	3.4781	4.7095	1.2905	6.050	1.1788	5.5685	1.07178
9300	1.9070	3.5140	4.7171	1.2970	6.122	1.1882	5.6058	1.07406
9400	1.9343	3.5495	4.7246	1.3042	6.197	1.1980	5.6431	1.07634
9500	1.9611	3.5846	4.7321	1.3119	6.275	1.2082	5.6805	1.07862
9600	1.9874	3.6191	4.7395	1.3191	6.352	1.2187	5.7176	1.08091
9700	2.0132	3.6533	4.7468	1.3259	6.430	1.2295	5.7547	1.08318
9800	2.0387	3.6872	4.7540	1.3329	6.510	1.2406	5.7919	1.08545
9900	2.0638	3.7207	4.7612	1.3398	6.590	1.2521	5.8292	1.08769
10000	2.0885	3.7539	4.7684	1.3463	6.671	1.2641	5.8667	1.08991
10100	2.1130	3.7869	4.7755	1.3460	6.736	1.2764	5.9046	1.09209
10200	2.1390	3.8219	4.7835	1.3542	6.826	1.2901	5.9558	1.09430
10300	2.1626	3.8541	4.7905	1.3708	6.937	1.3033	5.9938	1.09645
10400	2.1857	3.8859	4.7975	1.3800	7.030	1.3169	6.0318	1.09856
10500	2.2083	3.9172	4.8044	1.3881	7.122	1.3308	6.0700	1.10067
10600	2.2308	3.9485	4.8112	1.3962	7.216	1.3453	6.1085	1.10274
10700	2.2527	3.9792	4.8181	1.4044	7.311	1.3601	6.1471	1.10479
10800	2.2744	4.0097	4.8248	1.4125	7.407	1.3752	6.1854	1.10678
10900	2.2957	4.0399	4.8315	1.4220	7.508	1.3908	6.2244	1.10878
11000	2.3166	4.0697	4.8382	1.4303	7.608	1.4068	6.2634	1.11075

S/R= 30.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	2.3371	4.0991	4.8448	1.4394	7.711	1.4230	6.3024	1.11267
11200	2.3572	4.1282	4.8514	1.4478	7.813	1.4396	6.3419	1.11462
11300	2.3770	4.1570	4.8580	1.4559	7.916	1.4565	6.3808	1.11646
11400	2.3965	4.1854	4.8645	1.4605	8.010	1.4737	6.4203	1.11833

S/R= 30.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.5128	-4.9492	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.7599	-3.8953	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.3194	-3.2787	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.0060	-2.8403	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.7603	-2.4978	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.5555	-2.2138	3.3251	1.3826	1.473	1.0000	3.5232	1.00000
700	-2.3778	-1.9688	3.3930	1.3728	1.585	1.0000	3.5310	1.00000
800	-2.2192	-1.7520	3.4552	1.3611	1.687	1.0001	3.5655	1.00000
900	-2.0750	-1.5567	3.5098	1.3485	1.782	1.0001	3.5938	1.00000
1000	-1.9419	-1.3782	3.5589	1.3402	1.872	1.0000	3.6218	1.00000
1100	-1.8196	-1.2145	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.7057	-1.0627	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.5991	-0.9214	3.6836	1.3238	2.121	1.0000	3.7120	1.00000
1400	-1.4989	-0.7890	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.4045	-0.6646	3.7522	1.3156	2.272	1.0001	3.7681	1.00000
1600	-1.3152	-0.5472	3.7832	1.3125	2.343	1.0001	3.7943	1.00000
1700	-1.2305	-0.4362	3.8124	1.3098	2.413	1.0001	3.8192	1.00000
1800	-1.1500	-0.3309	3.8399	1.3074	2.481	1.0001	3.8427	1.00000
1900	-1.0733	-0.2307	3.8659	1.2931	2.535	1.0001	3.8650	1.00000
2000	-0.9944	-0.1297	3.8918	1.2896	2.597	1.0002	3.8974	1.00000
2100	-0.9237	-0.0379	3.9153	1.2992	2.671	1.0002	3.9181	1.00000
2200	-0.8560	0.0501	3.9378	1.2978	2.733	1.0002	3.9386	1.00000
2300	-0.7910	0.1345	3.9591	1.2964	2.793	1.0002	3.9569	1.00000
2400	-0.7284	0.2155	3.9795	1.2951	2.851	1.0003	3.9745	1.00000
2500	-0.6681	0.2935	3.9992	1.2943	2.909	1.0003	3.9922	1.00000
2600	-0.6101	0.3686	4.0179	1.2933	2.966	1.0004	4.0082	1.00000
2700	-0.5540	0.4411	4.0359	1.2922	3.021	1.0004	4.0231	1.00000
2800	-0.4998	0.5111	4.0534	1.2915	3.076	1.0005	4.0384	1.00000
2900	-0.4474	0.5788	4.0701	1.2909	3.130	1.0005	4.0523	1.00000
3000	-0.3966	0.6444	4.0862	1.2901	3.182	1.0006	4.0653	1.00000
3100	-0.3474	0.7079	4.1019	1.2894	3.234	1.0007	4.0787	1.00001
3200	-0.2995	0.7695	4.1169	1.2886	3.285	1.0007	4.0907	1.00001
3300	-0.2530	0.8295	4.1316	1.2880	3.335	1.0008	4.1027	1.00001
3400	-0.2078	0.8876	4.1458	1.2874	3.385	1.0009	4.1148	1.00002
3500	-0.1638	0.9443	4.1595	1.2864	3.433	1.0010	4.1254	1.00004
3600	-0.1209	0.9995	4.1729	1.2855	3.481	1.0012	4.1365	1.00005
3700	-0.0789	1.0534	4.1859	1.2846	3.528	1.0013	4.1467	1.00008
3800	-0.0379	1.1061	4.1987	1.2835	3.574	1.0015	4.1580	1.00011
3900	0.0022	1.1576	4.2111	1.2823	3.619	1.0016	4.1686	1.00016
4000	0.0415	1.2079	4.2231	1.2809	3.664	1.0018	4.1786	1.00022
4100	0.0801	1.2574	4.2349	1.2793	3.707	1.0020	4.1894	1.00029
4200	0.1181	1.3059	4.2465	1.2777	3.750	1.0022	4.2000	1.00039
4300	0.1554	1.3536	4.2579	1.2759	3.793	1.0025	4.2118	1.00051
4400	0.1922	1.4005	4.2690	1.2742	3.834	1.0028	4.2226	1.00066
4500	0.2285	1.4467	4.2801	1.2721	3.875	1.0032	4.2349	1.00084
4600	0.2644	1.4924	4.2908	1.2689	3.914	1.0036	4.2468	1.00107
4700	0.3002	1.5377	4.3015	1.2648	3.951	1.0041	4.2599	1.00132

S/R= 30.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	0.3359	1.5828	4.3121	1.2598	3.986	1.0047	4.2744	1.00163
4900	0.3718	1.6279	4.3227	1.2538	4.019	1.0053	4.2908	1.00199
5000	0.4080	1.6731	4.3333	1.2706	4.088	1.0059	4.3083	1.00240
5100	0.4385	1.7126	4.3427	1.2716	4.132	1.0068	4.3170	1.00289
5200	0.4735	1.7564	4.3529	1.2495	4.138	1.0077	4.3339	1.00343
5300	0.5086	1.8002	4.3630	1.2454	4.172	1.0086	4.3523	1.00403
5400	0.5438	1.8440	4.3731	1.2416	4.207	1.0097	4.3719	1.00471
5500	0.5791	1.8877	4.3831	1.2384	4.243	1.0108	4.3928	1.00547
5600	0.6145	1.9315	4.3931	1.2355	4.279	1.0121	4.4147	1.00630
5700	0.6499	1.9752	4.4030	1.2327	4.315	1.0135	4.4377	1.00721
5800	0.6853	2.0188	4.4129	1.2302	4.352	1.0150	4.4617	1.00820
5900	0.7208	2.0625	4.4228	1.2279	4.389	1.0167	4.4867	1.00928
6000	0.7564	2.1061	4.4326	1.2259	4.426	1.0185	4.5126	1.01044
6100	0.7919	2.1496	4.4423	1.2239	4.463	1.0204	4.5395	1.01168
6200	0.8275	2.1932	4.4521	1.2220	4.501	1.0224	4.5673	1.01300
6300	0.8632	2.2367	4.4617	1.2204	4.539	1.0246	4.5961	1.01440
6400	0.8989	2.2802	4.4714	1.2187	4.577	1.0270	4.6259	1.01588
6500	0.9346	2.3237	4.4810	1.2172	4.615	1.0295	4.6565	1.01743
6600	0.9704	2.3673	4.4905	1.2161	4.654	1.0322	4.6881	1.01906
6700	1.0062	2.4109	4.5001	1.2152	4.694	1.0350	4.7205	1.02076
6800	1.0420	2.4543	4.5095	1.2147	4.735	1.0380	4.7536	1.02252
6900	1.0776	2.4976	4.5189	1.2148	4.777	1.0411	4.7872	1.02436
7000	1.1131	2.5407	4.5283	1.2155	4.821	1.0444	4.8213	1.02625
7100	1.1484	2.5837	4.5375	1.2161	4.864	1.0480	4.8556	1.02820
7200	1.1835	2.6263	4.5467	1.2170	4.909	1.0516	4.8902	1.03021
7300	1.2184	2.6688	4.5557	1.2180	4.954	1.0555	4.9250	1.03227
7400	1.2530	2.7110	4.5647	1.2191	5.000	1.0595	4.9600	1.03438
7500	1.2874	2.7529	4.5736	1.2208	5.047	1.0638	4.9952	1.03653
7600	1.3215	2.7946	4.5824	1.2229	5.095	1.0682	5.0304	1.03874
7700	1.3553	2.8360	4.5911	1.2248	5.144	1.0729	5.0658	1.04097
7800	1.3888	2.8770	4.5998	1.2265	5.192	1.0777	5.1014	1.04324
7900	1.4221	2.9179	4.6084	1.2282	5.242	1.0828	5.1372	1.04554
8000	1.4552	2.9585	4.6168	1.2300	5.291	1.0880	5.1732	1.04786
8100	1.4880	2.9990	4.6253	1.2325	5.343	1.0936	5.2095	1.05020
8200	1.5206	3.0391	4.6337	1.2355	5.397	1.0993	5.2462	1.05256
8300	1.5528	3.0790	4.6420	1.2385	5.451	1.1053	5.2830	1.05493
8400	1.5847	3.1186	4.6502	1.2416	5.506	1.1116	5.3201	1.05731
8500	1.6163	3.1578	4.6584	1.2448	5.562	1.1182	5.3573	1.05970
8600	1.6476	3.1968	4.6665	1.2486	5.620	1.1249	5.3945	1.06210
8700	1.6784	3.2354	4.6745	1.2529	5.680	1.1320	5.4319	1.06451
8800	1.7090	3.2737	4.6824	1.2577	5.742	1.1394	5.4694	1.06691
8900	1.7390	3.3116	4.6903	1.2626	5.806	1.1470	5.5070	1.06931
9000	1.7687	3.3491	4.6981	1.2677	5.870	1.1550	5.5446	1.07172
9100	1.7979	3.3863	4.7058	1.2727	5.936	1.1634	5.5822	1.07412
9200	1.8268	3.4231	4.7135	1.2778	6.002	1.1719	5.6198	1.07652
9300	1.8552	3.4595	4.7211	1.2839	6.072	1.1808	5.6572	1.07891
9400	1.8832	3.4955	4.7286	1.2906	6.144	1.1900	5.6946	1.08130
9500	1.9107	3.5311	4.7360	1.2978	6.219	1.1996	5.7320	1.08369
9600	1.9376	3.5661	4.7434	1.3048	6.294	1.2095	5.7692	1.08609
9700	1.9641	3.6007	4.7507	1.3118	6.371	1.2197	5.8063	1.08847
9800	1.9901	3.6350	4.7579	1.3184	6.448	1.2304	5.8436	1.09084
9900	2.0158	3.6690	4.7651	1.3245	6.524	1.2413	5.8808	1.09318
10000	2.0412	3.7026	4.7722	1.3306	6.602	1.2526	5.9181	1.09550
10100	2.0663	3.7361	4.7793	1.3301	6.664	1.2643	5.9558	1.09778
10200	2.0929	3.7714	4.7872	1.3379	6.751	1.2772	6.0066	1.10010

S/R= 30.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10300	2.1171	3.8040	4.7942	1.3539	6.858	1.2897	6.0442	1.10234
10400	2.1408	3.8363	4.8011	1.3627	6.948	1.3026	6.0818	1.10456
10500	2.1639	3.8679	4.8079	1.3705	7.037	1.3157	6.1196	1.10675
10600	2.1870	3.8996	4.8147	1.3783	7.127	1.3294	6.1576	1.10891
10700	2.2095	3.9306	4.8215	1.3863	7.219	1.3434	6.1957	1.11106
10800	2.2317	3.9615	4.8282	1.3944	7.313	1.3579	6.2335	1.11313
10900	2.2535	3.9921	4.8348	1.4037	7.411	1.3727	6.2720	1.11522
11000	2.2749	4.0222	4.8415	1.4119	7.508	1.3879	6.3105	1.11728
11100	2.2959	4.0519	4.8480	1.4209	7.608	1.4034	6.3489	1.11929
11200	2.3165	4.0813	4.8546	1.4293	7.708	1.4193	6.3879	1.12132
11300	2.3368	4.1104	4.8610	1.4373	7.808	1.4355	6.4262	1.12324
11400	2.3567	4.1391	4.8675	1.4447	7.908	1.4520	6.4651	1.12519
11500	2.3766	4.1678	4.8739	1.4531	8.012	1.4690	6.5044	1.12710
11600	2.3958	4.1958	4.8802	1.4587	8.109	1.4860	6.5432	1.12896

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.5997	-5.0361	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.8468	-3.9822	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.4063	-3.3655	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.0929	-2.9272	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.8472	-2.5846	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.6424	-2.3007	3.3251	1.3823	1.473	1.0000	3.5232	1.00000
700	-2.4646	-2.0557	3.3930	1.3731	1.585	1.0000	3.5310	1.00000
800	-2.3061	-1.8389	3.4552	1.3617	1.688	1.0000	3.5655	1.00000
900	-2.1619	-1.6435	3.5098	1.3482	1.781	1.0001	3.5938	1.00000
1000	-2.0288	-1.4650	3.5589	1.3400	1.872	1.0000	3.6218	1.00000
1100	-1.9065	-1.3013	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.7926	-1.1496	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.6860	-1.0082	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-1.5858	-0.8759	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.4913	-0.7515	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.4020	-0.6341	3.7833	1.3125	2.343	1.0001	3.7943	1.00000
1700	-1.3173	-0.5231	3.8124	1.3097	2.413	1.0001	3.8192	1.00000
1800	-1.2368	-0.4177	3.8399	1.3074	2.481	1.0001	3.8427	1.00000
1900	-1.1601	-0.3176	3.8659	1.2931	2.535	1.0001	3.8650	1.00000
2000	-1.0813	-0.2166	3.8918	1.2896	2.597	1.0001	3.8974	1.00000
2100	-1.0106	-0.1247	3.9153	1.2992	2.671	1.0001	3.9180	1.00000
2200	-0.9429	-0.0368	3.9378	1.2977	2.733	1.0002	3.9385	1.00000
2300	-0.8778	0.0476	3.9591	1.2963	2.792	1.0002	3.9569	1.00000
2400	-0.8152	0.1287	3.9795	1.2950	2.851	1.0002	3.9745	1.00000
2500	-0.7550	0.2067	3.9991	1.2942	2.909	1.0003	3.9921	1.00000
2600	-0.6969	0.2818	4.0179	1.2932	2.966	1.0003	4.0081	1.00000
2700	-0.6409	0.3543	4.0359	1.2922	3.021	1.0003	4.0230	1.00000
2800	-0.5867	0.4243	4.0534	1.2914	3.076	1.0004	4.0383	1.00000
2900	-0.5342	0.4919	4.0701	1.2906	3.129	1.0004	4.0522	1.00000
3000	-0.4834	0.5575	4.0862	1.2899	3.182	1.0005	4.0652	1.00000
3100	-0.4342	0.6211	4.1019	1.2893	3.234	1.0005	4.0786	1.00001
3200	-0.3863	0.6827	4.1169	1.2885	3.285	1.0006	4.0906	1.00001
3300	-0.3398	0.7426	4.1316	1.2878	3.335	1.0007	4.1026	1.00002
3400	-0.2946	0.8008	4.1458	1.2871	3.384	1.0008	4.1147	1.00002
3500	-0.2505	0.8575	4.1595	1.2861	3.432	1.0009	4.1253	1.00004
3600	-0.2075	0.9128	4.1729	1.2851	3.480	1.0010	4.1365	1.00006
3700	-0.1656	0.9667	4.1859	1.2840	3.527	1.0011	4.1467	1.00008

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-0.1245	1.0194	4.1987	1.2829	3.573	1.0012	4.1581	1.00013
3900	-0.0843	1.0709	4.2111	1.2817	3.618	1.0014	4.1687	1.00017
4000	-0.0449	1.1214	4.2231	1.2801	3.662	1.0016	4.1790	1.00024
4100	-0.0062	1.1709	4.2350	1.2783	3.705	1.0017	4.1899	1.00032
4200	0.0318	1.2195	4.2466	1.2764	3.748	1.0020	4.2008	1.00043
4300	0.0694	1.2674	4.2581	1.2742	3.789	1.0022	4.2129	1.00057
4400	0.1064	1.3145	4.2692	1.2722	3.831	1.0025	4.2242	1.00073
4500	0.1429	1.3610	4.2803	1.2701	3.872	1.0029	4.2369	1.00093
4600	0.1791	1.4069	4.2911	1.2667	3.910	1.0033	4.2494	1.00117
4700	0.2152	1.4525	4.3018	1.2626	3.947	1.0038	4.2630	1.00146
4800	0.2512	1.4979	4.3125	1.2577	3.982	1.0043	4.2780	1.00180
4900	0.2873	1.5432	4.3231	1.2518	4.015	1.0049	4.2948	1.00220
5000	0.3237	1.5887	4.3337	1.2666	4.081	1.0055	4.3127	1.00264
5100	0.3550	1.6289	4.3434	1.2665	4.123	1.0064	4.3229	1.00318
5200	0.3904	1.6732	4.3536	1.2458	4.131	1.0073	4.3409	1.00378
5300	0.4261	1.7176	4.3638	1.2415	4.165	1.0082	4.3604	1.00444
5400	0.4619	1.7619	4.3740	1.2376	4.200	1.0093	4.3812	1.00518
5500	0.4979	1.8063	4.3841	1.2341	4.235	1.0105	4.4033	1.00601
5600	0.5339	1.8507	4.3943	1.2312	4.271	1.0117	4.4266	1.00692
5700	0.5700	1.8951	4.4043	1.2282	4.307	1.0132	4.4510	1.00791
5800	0.6062	1.9395	4.4144	1.2254	4.343	1.0147	4.4765	1.00898
5900	0.6425	1.9840	4.4244	1.2230	4.379	1.0163	4.5030	1.01016
6000	0.6788	2.0284	4.4343	1.2208	4.416	1.0181	4.5306	1.01142
6100	0.7152	2.0728	4.4442	1.2188	4.453	1.0201	4.5590	1.01276
6200	0.7517	2.1172	4.4541	1.2170	4.491	1.0221	4.5885	1.01419
6300	0.7882	2.1616	4.4639	1.2152	4.528	1.0243	4.6190	1.01570
6400	0.8248	2.2060	4.4737	1.2133	4.566	1.0267	4.6504	1.01730
6500	0.8614	2.2504	4.4834	1.2118	4.604	1.0292	4.6827	1.01897
6600	0.8981	2.2949	4.4931	1.2104	4.643	1.0318	4.7160	1.02072
6700	0.9349	2.3393	4.5028	1.2097	4.683	1.0346	4.7501	1.02254
6800	0.9715	2.3836	4.5124	1.2093	4.724	1.0376	4.7848	1.02443
6900	1.0080	2.4278	4.5219	1.2091	4.765	1.0407	4.8201	1.02639
7000	1.0445	2.4719	4.5313	1.2094	4.807	1.0440	4.8557	1.02841
7100	1.0807	2.5156	4.5407	1.2100	4.851	1.0474	4.8916	1.03050
7200	1.1166	2.5592	4.5500	1.2108	4.895	1.0510	4.9277	1.03264
7300	1.1524	2.6025	4.5592	1.2120	4.940	1.0548	4.9640	1.03483
7400	1.1879	2.6455	4.5682	1.2129	4.985	1.0588	5.0004	1.03708
7500	1.2231	2.6883	4.5772	1.2140	5.031	1.0629	5.0369	1.03936
7600	1.2580	2.7307	4.5861	1.2158	5.078	1.0672	5.0734	1.04170
7700	1.2927	2.7729	4.5949	1.2175	5.126	1.0717	5.1101	1.04407
7800	1.3271	2.8147	4.6036	1.2194	5.174	1.0764	5.1468	1.04646
7900	1.3611	2.8563	4.6123	1.2214	5.224	1.0814	5.1838	1.04889
8000	1.3950	2.8977	4.6208	1.2228	5.272	1.0865	5.2209	1.05135
8100	1.4286	2.9388	4.6293	1.2244	5.321	1.0918	5.2582	1.05381
8200	1.4619	2.9796	4.6377	1.2271	5.373	1.0973	5.2957	1.05630
8300	1.4949	3.0202	4.6461	1.2299	5.426	1.1031	5.3335	1.05879
8400	1.5275	3.0604	4.6544	1.2332	5.481	1.1091	5.3712	1.06129
8500	1.5598	3.1003	4.6626	1.2367	5.537	1.1153	5.4092	1.06381
8600	1.5918	3.1398	4.6707	1.2400	5.593	1.1219	5.4473	1.06633
8700	1.6233	3.1790	4.6787	1.2434	5.650	1.1286	5.4852	1.06885
8800	1.6546	3.2179	4.6867	1.2475	5.710	1.1356	5.5232	1.07137
8900	1.6853	3.2563	4.6946	1.2521	5.771	1.1429	5.5612	1.07390
9000	1.7157	3.2944	4.7024	1.2569	5.834	1.1505	5.5992	1.07642
9100	1.7456	3.3321	4.7101	1.2621	5.898	1.1583	5.6372	1.07894
9200	1.7751	3.3694	4.7178	1.2675	5.964	1.1665	5.6751	1.08144

S/R= 30.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	1.8041	3.4062	4.7253	1.2726	6.030	1.1750	5.7128	1.08394
9400	1.8327	3.4427	4.7328	1.2783	6.099	1.1838	5.7505	1.08645
9500	1.8608	3.4787	4.7402	1.2851	6.171	1.1928	5.7880	1.08895
9600	1.8884	3.5142	4.7476	1.2917	6.244	1.2022	5.8252	1.09145
9700	1.9155	3.5493	4.7548	1.2982	6.317	1.2119	5.8623	1.09394
9800	1.9421	3.5840	4.7620	1.3049	6.392	1.2220	5.8995	1.09641
9900	1.9684	3.6184	4.7692	1.3112	6.468	1.2324	5.9367	1.09886
10000	1.9943	3.6524	4.7763	1.3168	6.543	1.2432	5.9740	1.10128
10100	2.0199	3.6862	4.7833	1.3157	6.602	1.2543	6.0116	1.10366
10200	2.0472	3.7220	4.7912	1.3230	6.685	1.2665	6.0619	1.10608
10300	2.0719	3.7550	4.7981	1.3384	6.788	1.2783	6.0993	1.10842
10400	2.0962	3.7876	4.8050	1.3467	6.875	1.2905	6.1367	1.11073
10500	2.1199	3.8197	4.8118	1.3541	6.960	1.3030	6.1740	1.11302
10600	2.1435	3.8517	4.8185	1.3617	7.048	1.3159	6.2115	1.11528
10700	2.1665	3.8831	4.8252	1.3694	7.137	1.3292	6.2492	1.11751
10800	2.1893	3.9144	4.8318	1.3774	7.228	1.3430	6.2864	1.11967
10900	2.2116	3.9452	4.8384	1.3863	7.323	1.3571	6.3244	1.12185
11000	2.2335	3.9756	4.8450	1.3945	7.417	1.3715	6.3623	1.12400
11100	2.2550	4.0057	4.8515	1.4034	7.515	1.3863	6.4002	1.12609
11200	2.2761	4.0354	4.8580	1.4116	7.612	1.4015	6.4386	1.12820
11300	2.2968	4.0647	4.8644	1.4197	7.710	1.4169	6.4764	1.13021
11400	2.3172	4.0937	4.8708	1.4271	7.807	1.4328	6.5148	1.13224
11500	2.3374	4.1227	4.8772	1.4353	7.909	1.4491	6.5534	1.13423
11600	2.3571	4.1510	4.8835	1.4429	8.009	1.4655	6.5916	1.13616
11700	2.3767	4.1793	4.8897	1.4504	8.110	1.4824	6.6301	1.13806
11800	2.3958	4.2072	4.8959	1.4561	8.208	1.4994	6.6687	1.13996

S/R= 31.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.6865	-5.1229	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-3.9336	-4.0690	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.4931	-3.4524	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.1797	-3.0141	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-2.9341	-2.6715	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.7293	-2.3875	3.3251	1.3819	1.472	1.0000	3.5232	1.00000
700	-2.5513	-2.1426	3.3930	1.3731	1.585	1.0000	3.5310	1.00000
800	-2.3930	-1.9257	3.4552	1.3626	1.688	1.0000	3.5655	1.00000
900	-2.2488	-1.7304	3.5098	1.3482	1.781	1.0001	3.5938	1.00000
1000	-2.1157	-1.5519	3.5589	1.3396	1.872	1.0000	3.6218	1.00000
1100	-1.9934	-1.3882	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-1.8794	-1.2365	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.7728	-1.0951	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-1.6726	-0.9627	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.5782	-0.8383	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.4889	-0.7210	3.7832	1.3125	2.343	1.0000	3.7943	1.00000
1700	-1.4042	-0.6099	3.8124	1.3097	2.413	1.0001	3.8192	1.00000
1800	-1.3237	-0.5046	3.8399	1.3074	2.481	1.0001	3.8427	1.00000
1900	-1.2470	-0.4044	3.8659	1.2931	2.535	1.0001	3.8650	1.00000
2000	-1.1681	-0.3035	3.8918	1.2895	2.597	1.0001	3.8974	1.00000
2100	-1.0974	-0.2116	3.9153	1.2992	2.671	1.0001	3.9180	1.00000
2200	-1.0297	-0.1236	3.9378	1.2977	2.733	1.0001	3.9385	1.00000
2300	-0.9647	-0.0393	3.9591	1.2963	2.792	1.0002	3.9568	1.00000
2400	-0.9021	0.0418	3.9795	1.2950	2.851	1.0002	3.9745	1.00000
2500	-0.8418	0.1198	3.9991	1.2940	2.909	1.0002	3.9921	1.00000

S/R= 31.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-0.7838	0.1949	4.0179	1.2932	2.966	1.0002	4.0080	1.00000
2700	-0.7277	0.2674	4.0359	1.2921	3.021	1.0003	4.0230	1.00000
2800	-0.6735	0.3374	4.0534	1.2913	3.075	1.0003	4.0382	1.00000
2900	-0.6210	0.4051	4.0701	1.2905	3.129	1.0004	4.0521	1.00000
3000	-0.5702	0.4707	4.0862	1.2898	3.182	1.0004	4.0651	1.00000
3100	-0.5210	0.5342	4.1019	1.2892	3.233	1.0004	4.0785	1.00001
3200	-0.4731	0.5959	4.1169	1.2883	3.284	1.0005	4.0905	1.00001
3300	-0.4266	0.6558	4.1316	1.2876	3.334	1.0006	4.1025	1.00002
3400	-0.3813	0.7140	4.1458	1.2867	3.383	1.0006	4.1146	1.00003
3500	-0.3372	0.7707	4.1595	1.2859	3.432	1.0007	4.1253	1.00004
3600	-0.2942	0.8260	4.1729	1.2848	3.479	1.0008	4.1365	1.00007
3700	-0.2522	0.8800	4.1859	1.2835	3.526	1.0009	4.1469	1.00010
3800	-0.2111	0.9328	4.1987	1.2824	3.572	1.0010	4.1583	1.00014
3900	-0.1708	0.9843	4.2111	1.2811	3.617	1.0012	4.1691	1.00019
4000	-0.1314	1.0349	4.2232	1.2793	3.660	1.0013	4.1794	1.00027
4100	-0.0925	1.0845	4.2351	1.2773	3.704	1.0015	4.1906	1.00036
4200	-0.0543	1.1333	4.2467	1.2753	3.746	1.0018	4.2018	1.00048
4300	-0.0166	1.1813	4.2582	1.2726	3.787	1.0020	4.2142	1.00063
4400	0.0206	1.2287	4.2694	1.2702	3.827	1.0023	4.2260	1.00081
4500	0.0574	1.2754	4.2805	1.2678	3.868	1.0027	4.2393	1.00103
4600	0.0939	1.3216	4.2914	1.2646	3.906	1.0031	4.2523	1.00129
4700	0.1303	1.3675	4.3022	1.2606	3.943	1.0035	4.2665	1.00161
4800	0.1665	1.4131	4.3129	1.2557	3.978	1.0041	4.2821	1.00198
4900	0.2030	1.4588	4.3236	1.2498	4.011	1.0047	4.2995	1.00242
5000	0.2396	1.5045	4.3342	1.2626	4.074	1.0053	4.3179	1.00291
5100	0.2717	1.5455	4.3440	1.2616	4.114	1.0062	4.3297	1.00350
5200	0.3077	1.5903	4.3544	1.2420	4.124	1.0070	4.3488	1.00415
5300	0.3440	1.6353	4.3647	1.2376	4.158	1.0080	4.3695	1.00488
5400	0.3804	1.6803	4.3750	1.2336	4.193	1.0091	4.3916	1.00570
5500	0.4170	1.7255	4.3853	1.2299	4.227	1.0103	4.4151	1.00660
5600	0.4538	1.7706	4.3956	1.2268	4.263	1.0116	4.4398	1.00758
5700	0.4906	1.8157	4.4058	1.2237	4.299	1.0130	4.4658	1.00867
5800	0.5276	1.8610	4.4159	1.2209	4.334	1.0146	4.4928	1.00984
5900	0.5647	1.9062	4.4261	1.2184	4.371	1.0163	4.5210	1.01111
6000	0.6020	1.9515	4.4362	1.2160	4.407	1.0181	4.5503	1.01247
6100	0.6392	1.9968	4.4462	1.2139	4.444	1.0201	4.5805	1.01393
6200	0.6766	2.0421	4.4563	1.2120	4.482	1.0222	4.6118	1.01547
6300	0.7140	2.0874	4.4662	1.2101	4.519	1.0244	4.6441	1.01710
6400	0.7515	2.1328	4.4762	1.2084	4.557	1.0268	4.6772	1.01882
6500	0.7891	2.1781	4.4861	1.2069	4.595	1.0293	4.7113	1.02062
6600	0.8267	2.2235	4.4959	1.2052	4.633	1.0319	4.7464	1.02250
6700	0.8644	2.2689	4.5057	1.2044	4.673	1.0348	4.7823	1.02445
6800	0.9019	2.3141	4.5154	1.2041	4.714	1.0377	4.8187	1.02647
6900	0.9394	2.3592	4.5251	1.2040	4.755	1.0408	4.8557	1.02856
7000	0.9767	2.4041	4.5347	1.2041	4.797	1.0441	4.8929	1.03072
7100	1.0138	2.4488	4.5441	1.2046	4.840	1.0475	4.9304	1.03294
7200	1.0507	2.4933	4.5535	1.2051	4.884	1.0511	4.9681	1.03522
7300	1.0873	2.5374	4.5628	1.2061	4.928	1.0548	5.0059	1.03755
7400	1.1237	2.5813	4.5720	1.2072	4.973	1.0587	5.0438	1.03993
7500	1.1598	2.6249	4.5811	1.2085	5.019	1.0628	5.0818	1.04235
7600	1.1955	2.6681	4.5901	1.2099	5.065	1.0670	5.1197	1.04482
7700	1.2310	2.7111	4.5989	1.2111	5.112	1.0714	5.1576	1.04732
7800	1.2662	2.7537	4.6077	1.2127	5.159	1.0760	5.1956	1.04985
7900	1.3011	2.7961	4.6164	1.2146	5.207	1.0808	5.2337	1.05241
8000	1.3357	2.8381	4.6251	1.2163	5.256	1.0857	5.2719	1.05500

S/R= 31.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	1.3701	2.8799	4.6336	1.2181	5.305	1.0909	5.3104	1.05759
8200	1.4041	2.9214	4.6421	1.2201	5.356	1.0963	5.3489	1.06020
8300	1.4378	2.9626	4.6505	1.2223	5.407	1.1018	5.3874	1.06282
8400	1.4712	3.0035	4.6588	1.2251	5.460	1.1076	5.4261	1.06545
8500	1.5042	3.0440	4.6670	1.2285	5.514	1.1136	5.4648	1.06809
8600	1.5369	3.0841	4.6751	1.2321	5.570	1.1199	5.5035	1.07073
8700	1.5691	3.1239	4.6832	1.2358	5.627	1.1264	5.5422	1.07338
8800	1.6009	3.1633	4.6912	1.2391	5.684	1.1331	5.5808	1.07601
8900	1.6324	3.2023	4.6991	1.2427	5.742	1.1401	5.6193	1.07866
9000	1.6634	3.2409	4.7069	1.2471	5.803	1.1473	5.6577	1.08130
9100	1.6939	3.2791	4.7146	1.2520	5.865	1.1548	5.6960	1.08393
9200	1.7240	3.3169	4.7223	1.2573	5.930	1.1626	5.7342	1.08655
9300	1.7537	3.3542	4.7298	1.2627	5.996	1.1706	5.7723	1.08916
9400	1.7829	3.3911	4.7373	1.2683	6.063	1.1790	5.8103	1.09177
9500	1.8115	3.4276	4.7447	1.2740	6.131	1.1877	5.8479	1.09438
9600	1.8397	3.4635	4.7520	1.2798	6.200	1.1966	5.8853	1.09699
9700	1.8674	3.4991	4.7593	1.2859	6.271	1.2058	5.9225	1.09959
9800	1.8947	3.5342	4.7664	1.2921	6.344	1.2153	5.9597	1.10217
9900	1.9215	3.5690	4.7736	1.2982	6.417	1.2252	5.9968	1.10472
10000	1.9480	3.6034	4.7806	1.3040	6.491	1.2355	6.0341	1.10724
10100	1.9741	3.6376	4.7876	1.3033	6.549	1.2460	6.0715	1.10971
10200	2.0019	3.6737	4.7955	1.3099	6.629	1.2577	6.1218	1.11224
10300	2.0272	3.7071	4.8023	1.3241	6.727	1.2690	6.1589	1.11468
10400	2.0520	3.7401	4.8091	1.3320	6.811	1.2805	6.1959	1.11709
10500	2.0762	3.7725	4.8159	1.3391	6.893	1.2923	6.2329	1.11947
10600	2.1004	3.8048	4.8226	1.3463	6.978	1.3046	6.2700	1.12182
10700	2.1239	3.8366	4.8292	1.3537	7.064	1.3173	6.3072	1.12415
10800	2.1472	3.8682	4.8358	1.3613	7.152	1.3303	6.3440	1.12640
10900	2.1700	3.8993	4.8423	1.3700	7.244	1.3437	6.3814	1.12867
11000	2.1924	3.9301	4.8488	1.3780	7.335	1.3575	6.4188	1.13090
11100	2.2143	3.9604	4.8553	1.3869	7.430	1.3715	6.4561	1.13307
11200	2.2359	3.9904	4.8617	1.3949	7.525	1.3860	6.4940	1.13527
11300	2.2571	4.0201	4.8681	1.4028	7.620	1.4008	6.5312	1.13736
11400	2.2778	4.0493	4.8744	1.4103	7.715	1.4159	6.5689	1.13947
11500	2.2986	4.0786	4.8807	1.4185	7.815	1.4315	6.6070	1.14154
11600	2.3186	4.1071	4.8869	1.4261	7.912	1.4472	6.6446	1.14355
11700	2.3386	4.1357	4.8931	1.4334	8.011	1.4635	6.6825	1.14553
11800	2.3581	4.1637	4.8993	1.4421	8.115	1.4799	6.7205	1.14750
11900	2.3774	4.1916	4.9054	1.4495	8.216	1.4967	6.7590	1.14946
12000	2.3962	4.2190	4.9115	1.4538	8.310	1.5136	6.7969	1.10247

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.7734	-5.2098	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.0205	-4.1559	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.5800	-3.5393	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.2666	-3.1009	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.0209	-2.7584	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.8161	-2.4744	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-2.6381	-2.2294	3.3930	1.3723	1.585	1.0000	3.5310	1.00000
800	-2.4796	-2.0126	3.4552	1.3632	1.689	1.0000	3.5655	1.00000
900	-2.3357	-1.8172	3.5098	1.3492	1.782	1.0000	3.5938	1.00000
1000	-2.2025	-1.6387	3.5589	1.3392	1.871	1.0000	3.6218	1.00000
1100	-2.0802	-1.4750	3.6039	1.3352	1.960	1.0000	3.6521	1.00000

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-1.9663	-1.3233	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.8597	-1.1820	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-1.7595	-1.0496	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.6651	-0.9252	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.5757	-0.8078	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-1.4910	-0.6968	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.4105	-0.5915	3.8399	1.3074	2.481	1.0001	3.8427	1.00000
1900	-1.3339	-0.4913	3.8659	1.2931	2.535	1.0001	3.8650	1.00000
2000	-1.2550	-0.3903	3.8918	1.2895	2.597	1.0001	3.8973	1.00000
2100	-1.1843	-0.2984	3.9153	1.2991	2.671	1.0001	3.9180	1.00000
2200	-1.1165	-0.2105	3.9378	1.2977	2.732	1.0001	3.9385	1.00000
2300	-1.0515	-0.1261	3.9591	1.2963	2.792	1.0001	3.9568	1.00000
2400	-0.9889	-0.0450	3.9795	1.2949	2.851	1.0002	3.9745	1.00000
2500	-0.9287	0.0330	3.9991	1.2939	2.909	1.0002	3.9920	1.00000
2600	-0.8706	0.1081	4.0179	1.2932	2.965	1.0002	4.0080	1.00000
2700	-0.8145	0.1805	4.0359	1.2920	3.021	1.0002	4.0229	1.00000
2800	-0.7603	0.2506	4.0533	1.2912	3.075	1.0003	4.0382	1.00000
2900	-0.7079	0.3183	4.0701	1.2904	3.129	1.0003	4.0521	1.00000
3000	-0.6570	0.3838	4.0862	1.2897	3.181	1.0003	4.0651	1.00000
3100	-0.6078	0.4474	4.1019	1.2890	3.233	1.0004	4.0784	1.00001
3200	-0.5599	0.5090	4.1169	1.2881	3.284	1.0004	4.0905	1.00001
3300	-0.5134	0.5689	4.1316	1.2874	3.334	1.0005	4.1025	1.00002
3400	-0.4681	0.6272	4.1458	1.2864	3.383	1.0005	4.1146	1.00003
3500	-0.4240	0.6840	4.1595	1.2856	3.431	1.0006	4.1253	1.00005
3600	-0.3810	0.7392	4.1730	1.2844	3.478	1.0007	4.1367	1.00008
3700	-0.3389	0.7933	4.1859	1.2830	3.525	1.0008	4.1470	1.00011
3800	-0.2977	0.8461	4.1987	1.2819	3.571	1.0009	4.1586	1.00015
3900	-0.2574	0.8978	4.2112	1.2804	3.615	1.0010	4.1695	1.00021
4000	-0.2178	0.9484	4.2232	1.2784	3.659	1.0012	4.1801	1.00029
4100	-0.1788	0.9982	4.2352	1.2762	3.702	1.0014	4.1915	1.00040
4200	-0.1405	1.0471	4.2468	1.2740	3.744	1.0016	4.2029	1.00053
4300	-0.1026	1.0953	4.2583	1.2712	3.784	1.0018	4.2157	1.00069
4400	-0.0651	1.1429	4.2696	1.2683	3.824	1.0021	4.2280	1.00089
4500	-0.0280	1.1899	4.2808	1.2654	3.864	1.0025	4.2420	1.00114
4600	0.0088	1.2364	4.2917	1.2621	3.902	1.0029	4.2557	1.00142
4700	0.0455	1.2826	4.3026	1.2584	3.939	1.0034	4.2705	1.00177
4800	0.0821	1.3286	4.3134	1.2538	3.975	1.0039	4.2867	1.00218
4900	0.1188	1.3745	4.3241	1.2481	4.008	1.0045	4.3045	1.00266
5000	0.1558	1.4205	4.3348	1.2585	4.067	1.0052	4.3236	1.00321
5100	0.1887	1.4624	4.3448	1.2563	4.106	1.0061	4.3374	1.00386
5200	0.2253	1.5079	4.3553	1.2383	4.118	1.0070	4.3577	1.00456
5300	0.2622	1.5535	4.3657	1.2337	4.151	1.0080	4.3796	1.00536
5400	0.2993	1.5992	4.3762	1.2296	4.186	1.0091	4.4032	1.00625
5500	0.3367	1.6451	4.3866	1.2258	4.220	1.0103	4.4282	1.00724
5600	0.3742	1.6910	4.3970	1.2225	4.256	1.0117	4.4545	1.00831
5700	0.4118	1.7370	4.4073	1.2193	4.291	1.0131	4.4820	1.00949
5800	0.4497	1.7831	4.4177	1.2165	4.327	1.0147	4.5108	1.01076
5900	0.4877	1.8292	4.4280	1.2138	4.363	1.0165	4.5408	1.01214
6000	0.5258	1.8754	4.4383	1.2113	4.399	1.0184	4.5719	1.01361
6100	0.5640	1.9217	4.4485	1.2093	4.436	1.0204	4.6040	1.01518
6200	0.6023	1.9679	4.4586	1.2073	4.474	1.0225	4.6371	1.01684
6300	0.6406	2.0142	4.4688	1.2053	4.511	1.0248	4.6713	1.01860
6400	0.6791	2.0605	4.4789	1.2036	4.549	1.0272	4.7064	1.02045
6500	0.7176	2.1068	4.4889	1.2022	4.587	1.0297	4.7424	1.02238
6600	0.7562	2.1532	4.4989	1.2006	4.625	1.0324	4.7793	1.02439

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	0.7948	2.1995	4.5089	1.1997	4.665	1.0353	4.8170	1.02648
6800	0.8333	2.2457	4.5187	1.1992	4.705	1.0383	4.8552	1.02864
6900	0.8717	2.2918	4.5285	1.1989	4.746	1.0414	4.8940	1.03087
7000	0.9100	2.3376	4.5382	1.1992	4.789	1.0446	4.9330	1.03317
7100	0.9480	2.3832	4.5478	1.1998	4.832	1.0481	4.9721	1.03553
7200	0.9857	2.4285	4.5573	1.2002	4.875	1.0517	5.0115	1.03794
7300	1.0233	2.4736	4.5667	1.2008	4.919	1.0554	5.0509	1.04041
7400	1.0605	2.5183	4.5760	1.2018	4.963	1.0592	5.0903	1.04293
7500	1.0975	2.5628	4.5852	1.2030	5.009	1.0632	5.1297	1.04549
7600	1.1341	2.6068	4.5942	1.2045	5.055	1.0674	5.1690	1.04810
7700	1.1704	2.6506	4.6032	1.2059	5.101	1.0718	5.2083	1.05074
7800	1.2063	2.6940	4.6121	1.2070	5.148	1.0763	5.2476	1.05340
7900	1.2420	2.7371	4.6208	1.2084	5.195	1.0810	5.2869	1.05610
8000	1.2774	2.7799	4.6295	1.2100	5.243	1.0858	5.3262	1.05882
8100	1.3125	2.8224	4.6381	1.2117	5.291	1.0908	5.3657	1.06154
8200	1.3473	2.8646	4.6466	1.2141	5.342	1.0960	5.4052	1.06428
8300	1.3817	2.9064	4.6551	1.2163	5.392	1.1015	5.4449	1.06703
8400	1.4158	2.9479	4.6634	1.2184	5.443	1.1071	5.4843	1.06979
8500	1.4495	2.9890	4.6717	1.2211	5.496	1.1129	5.5238	1.07255
8600	1.4828	3.0297	4.6798	1.2245	5.551	1.1189	5.5632	1.07531
8700	1.5157	3.0701	4.6879	1.2280	5.607	1.1251	5.6025	1.07808
8800	1.5482	3.1100	4.6959	1.2318	5.664	1.1316	5.6418	1.08084
8900	1.5802	3.1495	4.7038	1.2354	5.721	1.1383	5.6809	1.08359
9000	1.6118	3.1886	4.7116	1.2389	5.779	1.1453	5.7198	1.08635
9100	1.6430	3.2273	4.7194	1.2430	5.839	1.1525	5.7585	1.08910
9200	1.6738	3.2656	4.7270	1.2478	5.901	1.1599	5.7971	1.09183
9300	1.7040	3.3034	4.7346	1.2530	5.965	1.1676	5.8355	1.09455
9400	1.7338	3.3408	4.7420	1.2586	6.031	1.1756	5.8736	1.09728
9500	1.7630	3.3776	4.7494	1.2646	6.099	1.1839	5.9116	1.09999
9600	1.7917	3.4140	4.7567	1.2701	6.166	1.1925	5.9492	1.10271
9700	1.8200	3.4500	4.7640	1.2751	6.233	1.2013	5.9866	1.10541
9800	1.8478	3.4855	4.7711	1.2806	6.302	1.2103	6.0237	1.10809
9900	1.8752	3.5207	4.7782	1.2863	6.373	1.2197	6.0609	1.11075
10000	1.9022	3.5555	4.7852	1.2918	6.444	1.2294	6.0981	1.11337
10100	1.9289	3.5901	4.7922	1.2911	6.501	1.2395	6.1354	1.11595
10200	1.9572	3.6265	4.8000	1.2979	6.580	1.2506	6.1854	1.11858
10300	1.9829	3.6602	4.8068	1.3122	6.677	1.2614	6.2224	1.12111
10400	2.0082	3.6935	4.8136	1.3190	6.756	1.2724	6.2593	1.12362
10500	2.0330	3.7262	4.8203	1.3253	6.834	1.2837	6.2960	1.12609
10600	2.0576	3.7590	4.8269	1.3321	6.916	1.2953	6.3328	1.12853
10700	2.0816	3.7910	4.8335	1.3393	6.999	1.3073	6.3696	1.13096
10800	2.1054	3.8229	4.8400	1.3465	7.084	1.3197	6.4059	1.13329
10900	2.1287	3.8544	4.8465	1.3548	7.173	1.3324	6.4428	1.13566
11000	2.1515	3.8855	4.8529	1.3626	7.262	1.3455	6.4797	1.13797
11100	2.1740	3.9161	4.8593	1.3712	7.354	1.3589	6.5164	1.14023
11200	2.1960	3.9464	4.8657	1.3790	7.446	1.3727	6.5537	1.14252
11300	2.2176	3.9763	4.8720	1.3869	7.539	1.3868	6.5903	1.14468
11400	2.2388	4.0058	4.8783	1.3942	7.632	1.4013	6.6274	1.14688
11500	2.2599	4.0353	4.8845	1.4024	7.728	1.4162	6.6649	1.14903
11600	2.2804	4.0641	4.8907	1.4100	7.824	1.4312	6.7019	1.15112
11700	2.3008	4.0929	4.8968	1.4173	7.921	1.4468	6.7392	1.15318
11800	2.3206	4.1212	4.9029	1.4259	8.022	1.4625	6.7765	1.15522
11900	2.3403	4.1493	4.9090	1.4334	8.121	1.4787	6.8145	1.15726
12000	2.3595	4.1769	4.9150	1.4411	8.222	1.4950	6.8517	1.12498
12100	2.3785	4.2043	4.9210	1.4475	8.321	1.5117	6.8894	1.16116

S/R= 31.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	2.3972	4.2315	4.9269	1.4506	8.411	1.5286	6.9271	1.16306

S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.8602	-5.2966	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.1074	-4.2427	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.6668	-3.6261	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.3534	-3.1878	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.1078	-2.8452	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.9030	-2.5612	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-2.7250	-2.3163	3.3930	1.3713	1.584	1.0000	3.5310	1.00000
800	-2.5662	-2.0994	3.4552	1.3629	1.689	1.0000	3.5655	1.00000
900	-2.4225	-1.9041	3.5098	1.3504	1.783	1.0000	3.5938	1.00000
1000	-2.2894	-1.7256	3.5589	1.3395	1.872	1.0000	3.6218	1.00000
1100	-2.1671	-1.5619	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.0532	-1.4102	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-1.9465	-1.2688	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-1.8464	-1.1364	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.7519	-1.0120	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.6626	-0.8947	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-1.5779	-0.7837	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.4974	-0.6783	3.8399	1.3074	2.481	1.0000	3.8427	1.00000
1900	-1.4207	-0.5781	3.8659	1.2931	2.535	1.0001	3.8650	1.00000
2000	-1.3418	-0.4772	3.8918	1.2894	2.597	1.0001	3.8973	1.00000
2100	-1.2711	-0.3853	3.9153	1.2990	2.671	1.0001	3.9179	1.00000
2200	-1.2034	-0.2973	3.9378	1.2976	2.732	1.0001	3.9385	1.00000
2300	-1.1383	-0.2130	3.9591	1.2962	2.792	1.0001	3.9568	1.00000
2400	-1.0758	-0.1319	3.9795	1.2949	2.851	1.0001	3.9744	1.00000
2500	-1.0155	-0.0539	3.9991	1.2940	2.909	1.0001	3.9920	1.00000
2600	-0.9574	0.0212	4.0179	1.2931	2.965	1.0002	4.0079	1.00000
2700	-0.9014	0.0937	4.0359	1.2920	3.021	1.0002	4.0229	1.00000
2800	-0.8471	0.1637	4.0533	1.2911	3.075	1.0002	4.0381	1.00000
2900	-0.7947	0.2314	4.0701	1.2904	3.129	1.0002	4.0520	1.00000
3000	-0.7439	0.2970	4.0862	1.2896	3.181	1.0003	4.0650	1.00001
3100	-0.6946	0.3605	4.1019	1.2888	3.233	1.0003	4.0784	1.00001
3200	-0.6467	0.4222	4.1169	1.2879	3.283	1.0003	4.0905	1.00001
3300	-0.6002	0.4821	4.1316	1.2872	3.333	1.0004	4.1025	1.00002
3400	-0.5549	0.5404	4.1458	1.2862	3.382	1.0004	4.1146	1.00004
3500	-0.5107	0.5972	4.1595	1.2853	3.431	1.0005	4.1254	1.00005
3600	-0.4677	0.6525	4.1730	1.2841	3.478	1.0006	4.1368	1.00008
3700	-0.4255	0.7066	4.1860	1.2826	3.524	1.0007	4.1472	1.00012
3800	-0.3843	0.7594	4.1988	1.2813	3.570	1.0008	4.1590	1.00017
3900	-0.3439	0.8112	4.2112	1.2796	3.614	1.0009	4.1700	1.00023
4000	-0.3042	0.8619	4.2233	1.2775	3.657	1.0010	4.1808	1.00033
4100	-0.2651	0.9118	4.2353	1.2752	3.700	1.0012	4.1925	1.00044
4200	-0.2266	0.9609	4.2469	1.2727	3.741	1.0014	4.2043	1.00059
4300	-0.1885	1.0093	4.2585	1.2698	3.782	1.0017	4.2175	1.00076
4400	-0.1508	1.0571	4.2698	1.2666	3.821	1.0020	4.2302	1.00098
4500	-0.1134	1.1045	4.2811	1.2632	3.860	1.0024	4.2447	1.00126
4600	-0.0762	1.1514	4.2921	1.2597	3.898	1.0028	4.2592	1.00157
4700	-0.0391	1.1980	4.3030	1.2559	3.935	1.0033	4.2749	1.00196
4800	-0.0022	1.2443	4.3139	1.2516	3.971	1.0038	4.2918	1.00240
4900	0.0348	1.2906	4.3247	1.2465	4.005	1.0045	4.3103	1.00293
5000	0.0721	1.3369	4.3355	1.2542	4.060	1.0052	4.3299	1.00353

S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	0.1060	1.3798	4.3456	1.2507	4.096	1.0061	4.3458	1.00424
5200	0.1432	1.4259	4.3562	1.2346	4.112	1.0070	4.3675	1.00502
5300	0.1808	1.4722	4.3668	1.2299	4.145	1.0080	4.3908	1.00589
5400	0.2187	1.5187	4.3774	1.2255	4.179	1.0092	4.4159	1.00686
5500	0.2568	1.5653	4.3880	1.2216	4.214	1.0105	4.4425	1.00793
5600	0.2951	1.6121	4.3986	1.2182	4.249	1.0119	4.4706	1.00910
5700	0.3337	1.6589	4.4091	1.2149	4.284	1.0134	4.4999	1.01038
5800	0.3724	1.7060	4.4196	1.2122	4.320	1.0151	4.5306	1.01177
5900	0.4113	1.7530	4.4300	1.2094	4.356	1.0169	4.5624	1.01326
6000	0.4504	1.8002	4.4405	1.2067	4.392	1.0188	4.5955	1.01484
6100	0.4895	1.8474	4.4509	1.2047	4.429	1.0209	4.6296	1.01654
6200	0.5288	1.8947	4.4612	1.2029	4.467	1.0231	4.6647	1.01833
6300	0.5681	1.9420	4.4715	1.2009	4.504	1.0254	4.7009	1.02022
6400	0.6076	1.9893	4.4818	1.1991	4.542	1.0279	4.7379	1.02219
6500	0.6471	2.0366	4.4920	1.1977	4.580	1.0305	4.7758	1.02427
6600	0.6866	2.0840	4.5021	1.1961	4.619	1.0333	4.8148	1.02642
6700	0.7262	2.1313	4.5122	1.1953	4.658	1.0362	4.8544	1.02864
6800	0.7657	2.1785	4.5222	1.1949	4.699	1.0392	4.8945	1.03095
6900	0.8051	2.2255	4.5321	1.1944	4.740	1.0424	4.9350	1.03331
7000	0.8443	2.2724	4.5420	1.1945	4.782	1.0457	4.9758	1.03576
7100	0.8832	2.3189	4.5517	1.1951	4.825	1.0491	5.0167	1.03826
7200	0.9219	2.3651	4.5613	1.1956	4.868	1.0527	5.0577	1.04082
7300	0.9603	2.4110	4.5708	1.1963	4.912	1.0564	5.0988	1.04343
7400	0.9984	2.4567	4.5802	1.1971	4.956	1.0603	5.1398	1.04609
7500	1.0362	2.5019	4.5894	1.1980	5.001	1.0643	5.1807	1.04879
7600	1.0737	2.5468	4.5986	1.1994	5.046	1.0684	5.2214	1.05154
7700	1.1108	2.5913	4.6077	1.2007	5.093	1.0727	5.2621	1.05432
7800	1.1475	2.6355	4.6166	1.2021	5.139	1.0772	5.3027	1.05712
7900	1.1840	2.6794	4.6254	1.2035	5.186	1.0818	5.3433	1.05995
8000	1.2201	2.7229	4.6342	1.2045	5.233	1.0866	5.3838	1.06280
8100	1.2560	2.7661	4.6428	1.2059	5.280	1.0915	5.4243	1.06566
8200	1.2915	2.8089	4.6514	1.2081	5.330	1.0966	5.4648	1.06853
8300	1.3266	2.8514	4.6599	1.2104	5.380	1.1019	5.5054	1.07141
8400	1.3614	2.8935	4.6682	1.2129	5.432	1.1073	5.5458	1.07429
8500	1.3957	2.9352	4.6765	1.2153	5.483	1.1130	5.5861	1.07717
8600	1.4297	2.9766	4.6847	1.2178	5.535	1.1188	5.6263	1.08006
8700	1.4632	3.0175	4.6928	1.2208	5.589	1.1248	5.6663	1.08295
8800	1.4964	3.0580	4.7008	1.2244	5.645	1.1311	5.7061	1.08583
8900	1.5290	3.0980	4.7087	1.2283	5.703	1.1376	5.7458	1.08871
9000	1.5612	3.1376	4.7166	1.2321	5.760	1.1443	5.7853	1.09158
9100	1.5929	3.1768	4.7243	1.2358	5.818	1.1512	5.8245	1.09444
9200	1.6242	3.2155	4.7319	1.2396	5.878	1.1584	5.8635	1.09728
9300	1.6551	3.2538	4.7395	1.2442	5.939	1.1657	5.9022	1.10012
9400	1.6854	3.2916	4.7470	1.2494	6.003	1.1734	5.9406	1.10296
9500	1.7152	3.3289	4.7543	1.2552	6.069	1.1813	5.9788	1.10578
9600	1.7444	3.3657	4.7616	1.2609	6.136	1.1895	6.0165	1.10860
9700	1.7732	3.4020	4.7688	1.2664	6.203	1.1980	6.0541	1.11141
9800	1.8015	3.4380	4.7760	1.2709	6.269	1.2068	6.0915	1.11419
9900	1.8295	3.4735	4.7830	1.2755	6.336	1.2157	6.1287	1.11695
10000	1.8570	3.5087	4.7900	1.2807	6.405	1.2249	6.1658	1.11968
10100	1.8842	3.5436	4.7969	1.2798	6.460	1.2345	6.2031	1.12236
10200	1.9130	3.5804	4.8047	1.2863	6.536	1.2450	6.2528	1.12509
10300	1.9392	3.6144	4.8115	1.3003	6.630	1.2553	6.2896	1.12772
10400	1.9650	3.6481	4.8182	1.3076	6.709	1.2658	6.3264	1.13032
10500	1.9902	3.6811	4.8249	1.3136	6.786	1.2767	6.3631	1.13289

S/R= 31.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	2.0153	3.7141	4.8315	1.3193	6.863	1.2879	6.3996	1.13542
10700	2.0398	3.7465	4.8380	1.3259	6.943	1.2993	6.4360	1.13794
10800	2.0640	3.7787	4.8444	1.3329	7.025	1.3110	6.4718	1.14036
10900	2.0877	3.8104	4.8509	1.3407	7.111	1.3231	6.5084	1.14282
11000	2.1111	3.8418	4.8573	1.3483	7.197	1.3356	6.5447	1.14522
11100	2.1339	3.8727	4.8636	1.3565	7.286	1.3483	6.5808	1.14757
11200	2.1564	3.9033	4.8699	1.3642	7.375	1.3615	6.6176	1.14994
11300	2.1784	3.9334	4.8761	1.3719	7.466	1.3749	6.6536	1.15218
11400	2.2001	3.9632	4.8823	1.3791	7.556	1.3887	6.6901	1.15446
11500	2.2216	3.9929	4.8885	1.3870	7.650	1.4030	6.7270	1.15669
11600	2.2424	4.0220	4.8946	1.3945	7.743	1.4174	6.7634	1.15886
11700	2.2632	4.0510	4.9007	1.4019	7.838	1.4322	6.8000	1.16100
11800	2.2835	4.0795	4.9067	1.4104	7.937	1.4473	6.8367	1.16311
11900	2.3035	4.1078	4.9128	1.4179	8.034	1.4629	6.8740	1.16523
12000	2.3230	4.1356	4.9187	1.4256	8.133	1.4785	6.9106	1.14480
12100	2.3424	4.1632	4.9246	1.4322	8.230	1.4946	6.9477	1.16928
12200	2.3614	4.1905	4.9305	1.4388	8.328	1.5108	6.9847	1.17125
12300	2.3803	4.2177	4.9364	1.4458	8.428	1.5275	7.0223	1.17323
12400	2.3987	4.2444	4.9422	1.4496	8.520	1.5443	7.0591	1.17512

S/R= 31.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-4.9471	-5.3835	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.1942	-4.3296	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.7537	-3.7130	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.4403	-3.2746	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.1946	-2.9321	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-2.9898	-2.6481	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-2.8118	-2.4031	3.3930	1.3708	1.584	1.0000	3.5310	1.00000
800	-2.6530	-2.1863	3.4552	1.3615	1.688	1.0000	3.5655	1.00000
900	-2.5091	-1.9910	3.5098	1.3509	1.783	1.0000	3.5938	1.00000
1000	-2.3762	-1.8124	3.5589	1.3411	1.873	1.0000	3.6218	1.00000
1100	-2.2539	-1.6488	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.1400	-1.4970	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-2.0334	-1.3557	3.6835	1.3238	2.121	1.0000	3.7119	1.00000
1400	-1.9332	-1.2233	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.8388	-1.0989	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.7494	-0.9815	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-1.6647	-0.8705	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.5842	-0.7652	3.8399	1.3074	2.481	1.0000	3.8427	1.00000
1900	-1.5076	-0.6650	3.8659	1.2931	2.535	1.0000	3.8650	1.00000
2000	-1.4287	-0.5640	3.8918	1.2894	2.597	1.0001	3.8973	1.00000
2100	-1.3580	-0.4722	3.9153	1.2990	2.671	1.0001	3.9179	1.00000
2200	-1.2902	-0.3842	3.9377	1.2976	2.732	1.0001	3.9384	1.00000
2300	-1.2252	-0.2998	3.9591	1.2962	2.792	1.0001	3.9568	1.00000
2400	-1.1626	-0.2187	3.9795	1.2949	2.851	1.0001	3.9744	1.00000
2500	-1.1024	-0.1408	3.9991	1.2940	2.909	1.0001	3.9920	1.00000
2600	-1.0443	-0.0657	4.0179	1.2930	2.965	1.0001	4.0079	1.00000
2700	-0.9882	0.0068	4.0359	1.2919	3.020	1.0002	4.0229	1.00000
2800	-0.9340	0.0768	4.0533	1.2910	3.075	1.0002	4.0381	1.00000
2900	-0.8815	0.1445	4.0701	1.2903	3.128	1.0002	4.0520	1.00000
3000	-0.8307	0.2101	4.0862	1.2896	3.181	1.0002	4.0650	1.00001
3100	-0.7814	0.2737	4.1019	1.2887	3.233	1.0002	4.0784	1.00001
3200	-0.7335	0.3354	4.1169	1.2877	3.283	1.0003	4.0904	1.00001

S/R= 31.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-0.6870	0.3953	4.1316	1.2870	3.333	1.0003	4.1025	1.00002
3400	-0.6416	0.4536	4.1458	1.2859	3.382	1.0004	4.1147	1.00004
3500	-0.5974	0.5104	4.1595	1.2849	3.430	1.0004	4.1255	1.00006
3600	-0.5544	0.5658	4.1730	1.2837	3.477	1.0005	4.1370	1.00009
3700	-0.5121	0.6199	4.1860	1.2822	3.523	1.0006	4.1475	1.00014
3800	-0.4708	0.6728	4.1988	1.2808	3.569	1.0007	4.1594	1.00019
3900	-0.4303	0.7247	4.2113	1.2789	3.613	1.0008	4.1706	1.00026
4000	-0.3905	0.7755	4.2234	1.2766	3.656	1.0009	4.1816	1.00036
4100	-0.3513	0.8256	4.2354	1.2741	3.698	1.0011	4.1936	1.00048
4200	-0.3126	0.8748	4.2471	1.2713	3.739	1.0013	4.2058	1.00064
4300	-0.2743	0.9235	4.2587	1.2682	3.779	1.0016	4.2194	1.00084
4400	-0.2363	0.9715	4.2701	1.2648	3.819	1.0019	4.2327	1.00108
4500	-0.1986	1.0192	4.2814	1.2612	3.857	1.0023	4.2479	1.00139
4600	-0.1611	1.0664	4.2925	1.2572	3.894	1.0027	4.2631	1.00174
4700	-0.1236	1.1135	4.3035	1.2531	3.931	1.0032	4.2796	1.00216
4800	-0.0862	1.1603	4.3145	1.2490	3.967	1.0038	4.2975	1.00265
4900	-0.0488	1.2070	4.3254	1.2445	4.002	1.0045	4.3170	1.00322
5000	-0.0112	1.2536	4.3362	1.2500	4.053	1.0053	4.3373	1.00389
5100	0.0236	1.2975	4.3466	1.2454	4.088	1.0062	4.3552	1.00466
5200	0.0616	1.3443	4.3573	1.2309	4.106	1.0072	4.3783	1.00551
5300	0.0999	1.3913	4.3681	1.2260	4.139	1.0083	4.4033	1.00646
5400	0.1386	1.4386	4.3788	1.2215	4.173	1.0095	4.4300	1.00752
5500	0.1775	1.4861	4.3895	1.2176	4.207	1.0108	4.4584	1.00869
5600	0.2167	1.5338	4.4003	1.2139	4.242	1.0123	4.4882	1.00996
5700	0.2562	1.5816	4.4110	1.2107	4.277	1.0139	4.5195	1.01134
5800	0.2958	1.6296	4.4216	1.2079	4.314	1.0156	4.5521	1.01285
5900	0.3357	1.6777	4.4323	1.2052	4.350	1.0175	4.5860	1.01446
6000	0.3757	1.7259	4.4429	1.2026	4.386	1.0195	4.6211	1.01617
6100	0.4159	1.7741	4.4535	1.2004	4.423	1.0217	4.6573	1.01800
6200	0.4562	1.8224	4.4640	1.1985	4.461	1.0240	4.6945	1.01992
6300	0.4965	1.8708	4.4745	1.1966	4.498	1.0264	4.7327	1.02194
6400	0.5370	1.9192	4.4849	1.1949	4.536	1.0289	4.7718	1.02406
6500	0.5775	1.9676	4.4952	1.1935	4.575	1.0316	4.8119	1.02628
6600	0.6181	2.0160	4.5055	1.1920	4.613	1.0345	4.8528	1.02857
6700	0.6587	2.0643	4.5158	1.1911	4.653	1.0374	4.8944	1.03094
6800	0.6991	2.1125	4.5259	1.1906	4.694	1.0405	4.9364	1.03339
6900	0.7395	2.1605	4.5360	1.1904	4.735	1.0437	4.9789	1.03591
7000	0.7796	2.2083	4.5459	1.1905	4.777	1.0471	5.0215	1.03849
7100	0.8195	2.2558	4.5558	1.1908	4.819	1.0505	5.0642	1.04115
7200	0.8591	2.3029	4.5655	1.1913	4.862	1.0541	5.1069	1.04385
7300	0.8984	2.3498	4.5751	1.1919	4.906	1.0579	5.1496	1.04660
7400	0.9374	2.3963	4.5846	1.1929	4.951	1.0618	5.1922	1.04941
7500	0.9760	2.4423	4.5940	1.1939	4.996	1.0658	5.2347	1.05226
7600	1.0143	2.4881	4.6032	1.1949	5.041	1.0699	5.2768	1.05514
7700	1.0522	2.5334	4.6123	1.1959	5.086	1.0742	5.3189	1.05806
7800	1.0898	2.5784	4.6213	1.1973	5.132	1.0786	5.3608	1.06100
7900	1.1270	2.6229	4.6302	1.1987	5.179	1.0832	5.4027	1.06397
8000	1.1639	2.6672	4.6390	1.2001	5.226	1.0879	5.4444	1.06695
8100	1.2004	2.7111	4.6477	1.2012	5.273	1.0928	5.4861	1.06994
8200	1.2367	2.7546	4.6564	1.2027	5.321	1.0978	5.5276	1.07294
8300	1.2725	2.7977	4.6649	1.2049	5.371	1.1030	5.5691	1.07595
8400	1.3079	2.8405	4.6733	1.2073	5.421	1.1083	5.6104	1.07897
8500	1.3429	2.8828	4.6816	1.2099	5.473	1.1138	5.6515	1.08197
8600	1.3775	2.9246	4.6898	1.2125	5.525	1.1195	5.6926	1.08498
8700	1.4117	2.9661	4.6979	1.2150	5.577	1.1254	5.7333	1.08799

S/R= 31.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	1.4454	3.0071	4.7059	1.2178	5.631	1.1315	5.7737	1.09099
8900	1.4786	3.0477	4.7139	1.2214	5.687	1.1377	5.8140	1.09399
9000	1.5114	3.0878	4.7217	1.2251	5.744	1.1442	5.8540	1.09698
9100	1.5437	3.1274	4.7294	1.2290	5.802	1.1509	5.8937	1.09995
9200	1.5756	3.1666	4.7371	1.2331	5.861	1.1578	5.9332	1.10291
9300	1.6069	3.2053	4.7446	1.2369	5.920	1.1650	5.9722	1.10585
9400	1.6378	3.2435	4.7521	1.2412	5.981	1.1723	6.0109	1.10880
9500	1.6681	3.2813	4.7594	1.2466	6.045	1.1799	6.0493	1.11173
9600	1.6979	3.3185	4.7667	1.2521	6.110	1.1877	6.0873	1.11467
9700	1.7272	3.3552	4.7739	1.2572	6.175	1.1959	6.1250	1.11758
9800	1.7560	3.3916	4.7810	1.2623	6.242	1.2043	6.1626	1.12047
9900	1.7844	3.4275	4.7880	1.2671	6.308	1.2129	6.2000	1.12333
10000	1.8124	3.4630	4.7950	1.2712	6.373	1.2218	6.2372	1.12615
10100	1.8401	3.4982	4.8019	1.2696	6.425	1.2309	6.2743	1.12893
10200	1.8694	3.5353	4.8096	1.2757	6.498	1.2410	6.3239	1.13176
10300	1.8961	3.5697	4.8163	1.2891	6.590	1.2507	6.3606	1.13450
10400	1.9224	3.6037	4.8230	1.2962	6.667	1.2608	6.3970	1.13719
10500	1.9480	3.6370	4.8296	1.3024	6.742	1.2711	6.4334	1.13985
10600	1.9735	3.6703	4.8362	1.3085	6.819	1.2818	6.4698	1.14247
10700	1.9984	3.7029	4.8427	1.3145	6.896	1.2929	6.5062	1.14509
10800	2.0230	3.7354	4.8491	1.3203	6.973	1.3040	6.5416	1.14760
10900	2.0472	3.7674	4.8555	1.3277	7.056	1.3156	6.5778	1.15014
11000	2.0710	3.7990	4.8618	1.3350	7.140	1.3274	6.6136	1.15263
11100	2.0943	3.8302	4.8681	1.3429	7.226	1.3396	6.6493	1.15506
11200	2.1172	3.8610	4.8744	1.3502	7.312	1.3521	6.6856	1.15752
11300	2.1396	3.8914	4.8805	1.3578	7.400	1.3649	6.7208	1.15985
11400	2.1616	3.9214	4.8867	1.3648	7.488	1.3781	6.7569	1.16221
11500	2.1836	3.9514	4.8928	1.3725	7.579	1.3917	6.7930	1.16452
11600	2.2048	3.9807	4.8988	1.3799	7.670	1.4055	6.8288	1.16676
11700	2.2259	4.0099	4.9048	1.3872	7.762	1.4197	6.8648	1.16898
11800	2.2466	4.0386	4.9108	1.3955	7.859	1.4342	6.9008	1.17117
11900	2.2669	4.0671	4.9168	1.4031	7.954	1.4491	6.9375	1.17337
12000	2.2868	4.0951	4.9226	1.4109	8.051	1.4641	6.9734	1.16220
12100	2.3065	4.1229	4.9285	1.4173	8.146	1.4795	7.0098	1.17756
12200	2.3259	4.1504	4.9343	1.4241	8.242	1.4952	7.0463	1.17960
12300	2.3450	4.1778	4.9401	1.4313	8.341	1.5112	7.0831	1.18166
12400	2.3638	4.2047	4.9459	1.4377	8.438	1.5274	7.1192	1.18361
12500	2.3823	4.2314	4.9516	1.4404	8.526	1.5439	7.1560	1.18557

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.0340	-5.4704	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.2811	-4.4165	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.8406	-3.7998	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.5272	-3.3615	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.2815	-3.0189	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.0767	-2.7350	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-2.8987	-2.4900	3.3930	1.3708	1.584	1.0000	3.5310	1.00000
800	-2.7398	-2.2732	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-2.5957	-2.0778	3.5098	1.3509	1.783	1.0000	3.5938	1.00000
1000	-2.4631	-1.8993	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.3408	-1.7356	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.2269	-1.5839	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-2.1203	-1.4425	3.6835	1.3237	2.121	1.0000	3.7120	1.00000

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA'	Z	H/RT	Z*
1400	-2.0201	-1.3102	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-1.9256	-1.1858	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.8363	-1.0684	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-1.7516	-0.9574	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.6711	-0.8520	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-1.5944	-0.7519	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.5155	-0.6509	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-1.4449	-0.5590	3.9153	1.2990	2.671	1.0001	3.9179	1.00000
2200	-1.3771	-0.4711	3.9377	1.2975	2.732	1.0001	3.9384	1.00000
2300	-1.3120	-0.3867	3.9591	1.2961	2.792	1.0001	3.9567	1.00000
2400	-1.2495	-0.3056	3.9795	1.2950	2.851	1.0001	3.9744	1.00000
2500	-1.1892	-0.2276	3.9991	1.2939	2.909	1.0001	3.9920	1.00000
2600	-1.1312	-0.1525	4.0179	1.2929	2.965	1.0001	4.0079	1.00000
2700	-1.0751	-0.0801	4.0359	1.2919	3.020	1.0001	4.0228	1.00000
2800	-1.0208	-0.0100	4.0533	1.2910	3.075	1.0001	4.0381	1.00000
2900	-0.9684	0.0577	4.0701	1.2903	3.128	1.0002	4.0520	1.00000
3000	-0.9175	0.1233	4.0862	1.2895	3.181	1.0002	4.0650	1.00001
3100	-0.8682	0.1868	4.1018	1.2886	3.232	1.0002	4.0784	1.00001
3200	-0.8204	0.2485	4.1169	1.2876	3.283	1.0002	4.0905	1.00002
3300	-0.7737	0.3085	4.1316	1.2867	3.333	1.0003	4.1025	1.00003
3400	-0.7284	0.3668	4.1458	1.2857	3.381	1.0003	4.1148	1.00004
3500	-0.6842	0.4237	4.1596	1.2847	3.430	1.0004	4.1256	1.00007
3600	-0.6410	0.4790	4.1730	1.2834	3.477	1.0004	4.1372	1.00010
3700	-0.5988	0.5332	4.1860	1.2816	3.522	1.0005	4.1479	1.00015
3800	-0.5574	0.5863	4.1989	1.2800	3.568	1.0006	4.1599	1.00021
3900	-0.5168	0.6382	4.2113	1.2781	3.612	1.0007	4.1714	1.00029
4000	-0.4769	0.6892	4.2235	1.2757	3.654	1.0009	4.1826	1.00040
4100	-0.4375	0.7394	4.2355	1.2729	3.696	1.0011	4.1949	1.00053
4200	-0.3986	0.7888	4.2473	1.2699	3.737	1.0013	4.2075	1.00071
4300	-0.3600	0.8377	4.2590	1.2665	3.777	1.0016	4.2217	1.00093
4400	-0.3218	0.8861	4.2704	1.2629	3.816	1.0019	4.2355	1.00119
4500	-0.2838	0.9340	4.2817	1.2591	3.854	1.0023	4.2514	1.00152
4600	-0.2459	0.9817	4.2929	1.2547	3.890	1.0027	4.2674	1.00192
4700	-0.2080	1.0292	4.3040	1.2502	3.926	1.0033	4.2849	1.00238
4800	-0.1700	1.0765	4.3151	1.2459	3.962	1.0039	4.3039	1.00292
4900	-0.1320	1.1238	4.3261	1.2415	3.998	1.0046	4.3245	1.00355
5000	-0.0939	1.1710	4.3371	1.2460	4.047	1.0054	4.3460	1.00427
5100	-0.0583	1.2156	4.3476	1.2410	4.081	1.0064	4.3656	1.00512
5200	-0.0196	1.2632	4.3585	1.2271	4.100	1.0074	4.3902	1.00605
5300	0.0195	1.3111	4.3694	1.2220	4.133	1.0086	4.4169	1.00709
5400	0.0590	1.3592	4.3803	1.2176	4.167	1.0099	4.4454	1.00824
5500	0.0988	1.4076	4.3912	1.2135	4.201	1.0113	4.4756	1.00951
5600	0.1389	1.4563	4.4021	1.2097	4.236	1.0128	4.5074	1.01089
5700	0.1794	1.5051	4.4130	1.2065	4.271	1.0145	4.5407	1.01239
5800	0.2200	1.5541	4.4239	1.2036	4.307	1.0164	4.5754	1.01401
5900	0.2609	1.6032	4.4347	1.2010	4.344	1.0183	4.6115	1.01575
6000	0.3020	1.6525	4.4455	1.1985	4.380	1.0204	4.6488	1.01760
6100	0.3432	1.7019	4.4562	1.1963	4.418	1.0227	4.6871	1.01956
6200	0.3845	1.7512	4.4669	1.1944	4.455	1.0251	4.7265	1.02162
6300	0.4259	1.8007	4.4776	1.1925	4.493	1.0276	4.7669	1.02379
6400	0.4675	1.8502	4.4882	1.1909	4.531	1.0302	4.8082	1.02605
6500	0.5090	1.8996	4.4987	1.1895	4.570	1.0330	4.8504	1.02841
6600	0.5506	1.9491	4.5092	1.1882	4.609	1.0359	4.8934	1.03086
6700	0.5922	1.9985	4.5195	1.1873	4.649	1.0389	4.9370	1.03337
6800	0.6337	2.0477	4.5298	1.1867	4.689	1.0421	4.9811	1.03598

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	0.6750	2.0967	4.5400	1.1864	4.731	1.0454	5.0254	1.03864
7000	0.7161	2.1455	4.5501	1.1867	4.773	1.0488	5.0700	1.04138
7100	0.7569	2.1939	4.5601	1.1871	4.816	1.0523	5.1145	1.04418
7200	0.7974	2.2420	4.5699	1.1874	4.859	1.0560	5.1589	1.04703
7300	0.8376	2.2897	4.5796	1.1879	4.902	1.0598	5.2033	1.04994
7400	0.8775	2.3371	4.5892	1.1887	4.946	1.0637	5.2475	1.05289
7500	0.9170	2.3841	4.5986	1.1899	4.992	1.0677	5.2915	1.05588
7600	0.9561	2.4306	4.6080	1.1910	5.037	1.0719	5.3352	1.05890
7700	0.9948	2.4767	4.6172	1.1919	5.082	1.0762	5.3787	1.06196
7800	1.0331	2.5225	4.6263	1.1929	5.128	1.0806	5.4219	1.06505
7900	1.0711	2.5678	4.6352	1.1943	5.174	1.0851	5.4650	1.06815
8000	1.1087	2.6128	4.6441	1.1956	5.221	1.0898	5.5079	1.07127
8100	1.1460	2.6573	4.6528	1.1970	5.268	1.0946	5.5507	1.07440
8200	1.1829	2.7015	4.6615	1.1985	5.316	1.0996	5.5934	1.07753
8300	1.2194	2.7453	4.6700	1.2002	5.364	1.1047	5.6358	1.08066
8400	1.2555	2.7886	4.6785	1.2022	5.414	1.1099	5.6780	1.08381
8500	1.2911	2.8315	4.6868	1.2046	5.465	1.1153	5.7200	1.08694
8600	1.3263	2.8740	4.6951	1.2073	5.517	1.1209	5.7618	1.09008
8700	1.3610	2.9160	4.7032	1.2101	5.569	1.1267	5.8033	1.09321
8800	1.3953	2.9575	4.7112	1.2127	5.622	1.1326	5.8445	1.09632
8900	1.4291	2.9986	4.7192	1.2155	5.676	1.1387	5.8853	1.09944
9000	1.4625	3.0391	4.7270	1.2188	5.731	1.1450	5.9259	1.10254
9100	1.4954	3.0793	4.7347	1.2224	5.788	1.1514	5.9660	1.10563
9200	1.5277	3.1189	4.7424	1.2265	5.846	1.1581	6.0059	1.10870
9300	1.5596	3.1580	4.7499	1.2308	5.905	1.1651	6.0453	1.11176
9400	1.5909	3.1967	4.7574	1.2349	5.965	1.1722	6.0845	1.11482
9500	1.6218	3.2348	4.7647	1.2391	6.026	1.1796	6.1232	1.11785
9600	1.6520	3.2724	4.7719	1.2440	6.089	1.1871	6.1614	1.12089
9700	1.6819	3.3096	4.7791	1.2489	6.152	1.1949	6.1992	1.12391
9800	1.7112	3.3462	4.7862	1.2536	6.217	1.2029	6.2370	1.12690
9900	1.7400	3.3825	4.7932	1.2587	6.282	1.2112	6.2743	1.12987
10000	1.7685	3.4184	4.8001	1.2634	6.348	1.2198	6.3117	1.13279
10100	1.7965	3.4539	4.8070	1.2613	6.398	1.2286	6.3490	1.13566
10200	1.8243	3.4913	4.8147	1.2662	6.467	1.2382	6.3984	1.13860
10300	1.8535	3.5260	4.8214	1.2789	6.555	1.2476	6.4349	1.14143
10400	1.8802	3.5603	4.8280	1.2857	6.630	1.2571	6.4712	1.14422
10500	1.9063	3.5939	4.8346	1.2915	6.703	1.2670	6.5074	1.14698
10600	1.9322	3.6274	4.8411	1.2975	6.777	1.2772	6.5434	1.14969
10700	1.9575	3.6603	4.8476	1.3039	6.854	1.2877	6.5796	1.15239
10800	1.9825	3.6930	4.8539	1.3100	6.931	1.2985	6.6149	1.15499
10900	2.0071	3.7253	4.8603	1.3164	7.010	1.3097	6.6509	1.15763
11000	2.0313	3.7572	4.8666	1.3227	7.089	1.3210	6.6863	1.16020
11100	2.0550	3.7886	4.8728	1.3302	7.173	1.3326	6.7215	1.16272
11200	2.0783	3.8197	4.8790	1.3373	7.257	1.3445	6.7572	1.16526
11300	2.1011	3.8503	4.8851	1.3446	7.342	1.3567	6.7919	1.16767
11400	2.1235	3.8806	4.8912	1.3513	7.427	1.3693	6.8274	1.17011
11500	2.1458	3.9108	4.8972	1.3588	7.515	1.3823	6.8629	1.17250
11600	2.1674	3.9402	4.9032	1.3660	7.604	1.3954	6.8980	1.17483
11700	2.1890	3.9697	4.9091	1.3732	7.694	1.4090	6.9333	1.17712
11800	2.2099	3.9986	4.9150	1.3815	7.788	1.4229	6.9687	1.17939
11900	2.2307	4.0273	4.9209	1.3889	7.881	1.4371	7.0048	1.18166
12000	2.2509	4.0554	4.9268	1.3966	7.976	1.4515	7.0400	1.17745
12100	2.2709	4.0835	4.9326	1.4033	8.069	1.4663	7.0757	1.18600
12200	2.2906	4.1111	4.9383	1.4099	8.163	1.4814	7.1115	1.18812
12300	2.3100	4.1387	4.9441	1.4170	8.260	1.4969	7.1477	1.19024

S/R= 31.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	2.3290	4.1657	4.9497	1.4238	8.356	1.5124	7.1831	1.19226
12500	2.3479	4.1926	4.9554	1.4299	8.452	1.5283	7.2192	1.19429
12600	2.3665	4.2192	4.9610	1.4373	8.552	1.5445	7.2552	1.19628
12700	2.3846	4.2453	4.9666	1.4415	8.644	1.5607	7.2913	1.19826

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.1208	-5.5572	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.3679	-4.5033	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-3.9274	-3.8867	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.6140	-3.4484	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.3684	-3.1058	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.1636	-2.8218	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-2.9856	-2.5769	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-2.8267	-2.3600	3.4552	1.3599	1.687	1.0000	3.5655	1.00000
900	-2.6825	-2.1647	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.5500	-1.9862	3.5589	1.3429	1.874	1.0000	3.6218	1.00000
1100	-2.4276	-1.8225	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.3137	-1.6708	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.2071	-1.5294	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-2.1069	-1.3970	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.0125	-1.2726	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-1.9232	-1.1553	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-1.8385	-1.0442	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.7580	-0.9389	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-1.6813	-0.8387	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.6024	-0.7377	3.8918	1.2895	2.597	1.0000	3.8973	1.00000
2100	-1.5317	-0.6459	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-1.4640	-0.5579	3.9377	1.2975	2.732	1.0001	3.9384	1.00000
2300	-1.3989	-0.4735	3.9591	1.2962	2.792	1.0001	3.9567	1.00000
2400	-1.3363	-0.3925	3.9795	1.2950	2.851	1.0001	3.9743	1.00000
2500	-1.2761	-0.3145	3.9991	1.2938	2.908	1.0001	3.9920	1.00000
2600	-1.2180	-0.2394	4.0179	1.2928	2.965	1.0001	4.0079	1.00000
2700	-1.1619	-0.1669	4.0359	1.2918	3.020	1.0001	4.0228	1.00000
2800	-1.1077	-0.0969	4.0533	1.2910	3.075	1.0001	4.0381	1.00000
2900	-1.0552	-0.0292	4.0701	1.2902	3.128	1.0001	4.0520	1.00000
3000	-1.0044	0.0364	4.0862	1.2894	3.181	1.0001	4.0650	1.00001
3100	-0.9551	0.1000	4.1018	1.2885	3.232	1.0002	4.0784	1.00001
3200	-0.9072	0.1617	4.1169	1.2875	3.283	1.0002	4.0905	1.00002
3300	-0.8605	0.2217	4.1316	1.2866	3.332	1.0002	4.1026	1.00003
3400	-0.8152	0.2800	4.1458	1.2855	3.381	1.0003	4.1149	1.00005
3500	-0.7709	0.3369	4.1596	1.2844	3.429	1.0003	4.1258	1.00007
3600	-0.7277	0.3924	4.1730	1.2830	3.476	1.0004	4.1375	1.00011
3700	-0.6854	0.4466	4.1861	1.2811	3.521	1.0005	4.1483	1.00016
3800	-0.6439	0.4997	4.1989	1.2793	3.566	1.0006	4.1605	1.00023
3900	-0.6032	0.5518	4.2114	1.2773	3.610	1.0007	4.1722	1.00032
4000	-0.5631	0.6029	4.2236	1.2746	3.653	1.0008	4.1838	1.00044
4100	-0.5236	0.6533	4.2357	1.2717	3.694	1.0010	4.1965	1.00059
4200	-0.4845	0.7029	4.2475	1.2685	3.735	1.0013	4.2095	1.00078
4300	-0.4457	0.7521	4.2592	1.2647	3.774	1.0015	4.2242	1.00103
4400	-0.4071	0.8008	4.2707	1.2609	3.813	1.0019	4.2387	1.00132
4500	-0.3687	0.8491	4.2822	1.2568	3.850	1.0023	4.2554	1.00168
4600	-0.3304	0.8972	4.2934	1.2521	3.886	1.0028	4.2723	1.00211
4700	-0.2920	0.9451	4.3046	1.2474	3.922	1.0033	4.2907	1.00262

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	-0.2536	0.9930	4.3158	1.2428	3.958	1.0040	4.3109	1.00322
4900	-0.2149	1.0409	4.3270	1.2380	3.992	1.0048	4.3329	1.00391
5000	-0.1761	1.0889	4.3380	1.2420	4.041	1.0057	4.3559	1.00470
5100	-0.1398	1.1343	4.3487	1.2368	4.075	1.0067	4.3770	1.00562
5200	-0.1003	1.1826	4.3598	1.2232	4.094	1.0078	4.4033	1.00664
5300	-0.0604	1.2314	4.3709	1.2181	4.127	1.0090	4.4318	1.00777
5400	-0.0200	1.2805	4.3819	1.2135	4.161	1.0104	4.4622	1.00902
5500	0.0208	1.3299	4.3930	1.2094	4.195	1.0119	4.4944	1.01040
5600	0.0619	1.3795	4.4041	1.2056	4.230	1.0135	4.5284	1.01189
5700	0.1033	1.4294	4.4152	1.2024	4.266	1.0153	4.5638	1.01352
5800	0.1450	1.4795	4.4263	1.1995	4.302	1.0173	4.6008	1.01527
5900	0.1870	1.5297	4.4373	1.1969	4.339	1.0193	4.6390	1.01714
6000	0.2291	1.5801	4.4483	1.1945	4.375	1.0215	4.6787	1.01913
6100	0.2714	1.6306	4.4592	1.1922	4.413	1.0239	4.7193	1.02123
6200	0.3138	1.6811	4.4701	1.1904	4.451	1.0264	4.7609	1.02344
6300	0.3564	1.7317	4.4809	1.1887	4.489	1.0290	4.8036	1.02576
6400	0.3989	1.7823	4.4917	1.1871	4.527	1.0317	4.8471	1.02817
6500	0.4416	1.8329	4.5024	1.1856	4.566	1.0346	4.8914	1.03068
6600	0.4842	1.8834	4.5130	1.1844	4.606	1.0376	4.9366	1.03328
6700	0.5269	1.9339	4.5235	1.1837	4.646	1.0407	4.9823	1.03595
6800	0.5693	1.9841	4.5339	1.1832	4.687	1.0440	5.0284	1.03870
6900	0.6116	2.0342	4.5443	1.1829	4.728	1.0474	5.0748	1.04153
7000	0.6537	2.0839	4.5545	1.1830	4.770	1.0509	5.1212	1.04442
7100	0.6955	2.1334	4.5645	1.1834	4.813	1.0545	5.1675	1.04737
7200	0.7369	2.1824	4.5745	1.1840	4.857	1.0582	5.2138	1.05037
7300	0.7780	2.2310	4.5843	1.1845	4.900	1.0620	5.2599	1.05342
7400	0.8187	2.2793	4.5940	1.1851	4.944	1.0660	5.3057	1.05653
7500	0.8590	2.3271	4.6035	1.1861	4.989	1.0701	5.3513	1.05966
7600	0.8989	2.3745	4.6129	1.1872	5.034	1.0743	5.3964	1.06283
7700	0.9385	2.4214	4.6222	1.1883	5.080	1.0786	5.4414	1.06603
7800	0.9776	2.4679	4.6313	1.1894	5.126	1.0830	5.4859	1.06926
7900	1.0163	2.5139	4.6404	1.1904	5.171	1.0875	5.5303	1.07250
8000	1.0546	2.5596	4.6493	1.1914	5.217	1.0922	5.5743	1.07575
8100	1.0926	2.6049	4.6581	1.1928	5.265	1.0970	5.6183	1.07902
8200	1.1302	2.6497	4.6668	1.1945	5.313	1.1019	5.6620	1.08228
8300	1.1673	2.6941	4.6754	1.1964	5.361	1.1070	5.7054	1.08554
8400	1.2040	2.7380	4.6838	1.1981	5.410	1.1122	5.7486	1.08881
8500	1.2402	2.7815	4.6922	1.1999	5.459	1.1175	5.7914	1.09207
8600	1.2760	2.8245	4.7005	1.2022	5.510	1.1229	5.8340	1.09533
8700	1.3114	2.8670	4.7086	1.2050	5.562	1.1286	5.8762	1.09858
8800	1.3462	2.9091	4.7167	1.2080	5.616	1.1344	5.9180	1.10182
8900	1.3806	2.9506	4.7246	1.2109	5.669	1.1404	5.9595	1.10505
9000	1.4144	2.9917	4.7324	1.2136	5.722	1.1465	6.0007	1.10826
9100	1.4478	3.0322	4.7402	1.2164	5.777	1.1528	6.0413	1.11147
9200	1.4807	3.0723	4.7478	1.2203	5.834	1.1593	6.0816	1.11465
9300	1.5131	3.1119	4.7553	1.2245	5.893	1.1660	6.1214	1.11782
9400	1.5449	3.1509	4.7628	1.2288	5.952	1.1729	6.1609	1.12099
9500	1.5762	3.1894	4.7701	1.2333	6.013	1.1800	6.1999	1.12413
9600	1.6069	3.2274	4.7774	1.2374	6.073	1.1874	6.2385	1.12728
9700	1.6372	3.2649	4.7845	1.2413	6.134	1.1949	6.2766	1.13040
9800	1.6670	3.3020	4.7916	1.2459	6.196	1.2026	6.3144	1.13350
9900	1.6963	3.3386	4.7985	1.2505	6.260	1.2106	6.3519	1.13657
10000	1.7252	3.3748	4.8054	1.2549	6.324	1.2188	6.3892	1.13959
10100	1.7538	3.4106	4.8123	1.2538	6.375	1.2273	6.4264	1.14256
10200	1.7839	3.4483	4.8199	1.2589	6.444	1.2366	6.4760	1.14560

S/R= 32.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10300	1.8115	3.4833	4.8266	1.2701	6.528	1.2456	6.5125	1.14852
10400	1.8386	3.5178	4.8332	1.2761	6.599	1.2548	6.5487	1.15141
10500	1.8651	3.5517	4.8397	1.2815	6.670	1.2642	6.5846	1.15426
10600	1.8915	3.5856	4.8462	1.2872	6.742	1.2740	6.6204	1.15706
10700	1.9172	3.6187	4.8526	1.2935	6.817	1.2840	6.6563	1.15985
10800	1.9426	3.6517	4.8589	1.2994	6.892	1.2943	6.6912	1.16255
10900	1.9675	3.6842	4.8652	1.3064	6.971	1.3050	6.7269	1.16527
11000	1.9920	3.7162	4.8715	1.3125	7.049	1.3160	6.7622	1.16792
11100	2.0161	3.7479	4.8776	1.3189	7.128	1.3271	6.7971	1.17054
11200	2.0398	3.7792	4.8838	1.3254	7.208	1.3385	6.8324	1.17316
11300	2.0630	3.8101	4.8898	1.3323	7.291	1.3501	6.8666	1.17565
11400	2.0858	3.8405	4.8958	1.3387	7.373	1.3621	6.9015	1.17817
11500	2.1085	3.8710	4.9018	1.3459	7.459	1.3745	6.9364	1.18064
11600	2.1304	3.9006	4.9077	1.3530	7.545	1.3871	6.9709	1.18305
11700	2.1523	3.9302	4.9136	1.3601	7.633	1.4001	7.0055	1.18542
11800	2.1736	3.9593	4.9195	1.3681	7.724	1.4133	7.0403	1.18777
11900	2.1947	3.9882	4.9253	1.3754	7.815	1.4270	7.0756	1.19011
12000	2.2152	4.0166	4.9311	1.3830	7.907	1.4408	7.1101	1.19082
12100	2.2355	4.0448	4.9368	1.3897	7.999	1.4550	7.1452	1.19459
12200	2.2555	4.0726	4.9425	1.3962	8.090	1.4695	7.1802	1.19678
12300	2.2753	4.1003	4.9482	1.4034	8.185	1.4843	7.2157	1.19898
12400	2.2946	4.1274	4.9538	1.4103	8.280	1.4993	7.2505	1.20107
12500	2.3137	4.1545	4.9594	1.4164	8.374	1.5146	7.2858	1.20316
12600	2.3325	4.1812	4.9650	1.4239	8.473	1.5302	7.3212	1.20522
12700	2.3509	4.2074	4.9705	1.4302	8.569	1.5459	7.3566	1.20726
12800	2.3692	4.2336	4.9760	1.4345	8.660	1.5618	7.3918	1.20923
12900	2.3873	4.2596	4.9814	1.4369	8.746	1.5782	7.4277	1.21122

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.2077	-5.6441	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.4548	-4.5902	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.0143	-3.9736	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.7009	-3.5352	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.4552	-3.1927	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.2504	-2.9087	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.0724	-2.6637	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-2.9136	-2.4469	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-2.7694	-2.2515	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.6368	-2.0730	3.5589	1.3427	1.874	1.0000	3.6218	1.00000
1100	-2.5145	-1.9093	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.4006	-1.7576	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-2.2940	-1.6163	3.6835	1.3238	2.121	1.0000	3.7119	1.00000
1400	-2.1938	-1.4839	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.0993	-1.3595	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-2.0100	-1.2421	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-1.9253	-1.1311	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.8448	-1.0258	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-1.7681	-0.9256	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.6892	-0.8246	3.8918	1.2895	2.597	1.0000	3.8973	1.00000
2100	-1.6185	-0.7327	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-1.5508	-0.6448	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-1.4857	-0.5604	3.9591	1.2962	2.792	1.0000	3.9567	1.00000
2400	-1.4232	-0.4793	3.9795	1.2950	2.851	1.0001	3.9744	1.00000

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-1.3629	-0.4013	3.9991	1.2938	2.908	1.0001	3.9920	1.00000
2600	-1.3049	-0.3263	4.0179	1.2928	2.965	1.0001	4.0079	1.00000
2700	-1.2488	-0.2538	4.0359	1.2918	3.020	1.0001	4.0228	1.00000
2800	-1.1945	-0.1837	4.0533	1.2910	3.075	1.0001	4.0381	1.00000
2900	-1.1421	-0.1160	4.0701	1.2902	3.128	1.0001	4.0519	1.00000
3000	-1.0912	-0.0504	4.0862	1.2893	3.180	1.0001	4.0650	1.00001
3100	-1.0419	0.0131	4.1019	1.2883	3.232	1.0001	4.0784	1.00001
3200	-0.9940	0.0749	4.1169	1.2873	3.282	1.0002	4.0905	1.00002
3300	-0.9473	0.1349	4.1316	1.2865	3.332	1.0002	4.1026	1.00004
3400	-0.9019	0.1932	4.1458	1.2853	3.381	1.0002	4.1150	1.00005
3500	-0.8576	0.2502	4.1596	1.2841	3.429	1.0003	4.1260	1.00008
3600	-0.8144	0.3057	4.1731	1.2826	3.475	1.0003	4.1378	1.00012
3700	-0.7720	0.3600	4.1861	1.2805	3.521	1.0004	4.1488	1.00017
3800	-0.7304	0.4132	4.1990	1.2785	3.565	1.0005	4.1612	1.00026
3900	-0.6896	0.4654	4.2115	1.2764	3.609	1.0007	4.1731	1.00035
4000	-0.6494	0.5167	4.2238	1.2735	3.651	1.0008	4.1850	1.00049
4100	-0.6096	0.5672	4.2358	1.2703	3.692	1.0010	4.1981	1.00066
4200	-0.5702	0.6172	4.2477	1.2669	3.733	1.0013	4.2117	1.00087
4300	-0.5312	0.6666	4.2595	1.2629	3.771	1.0016	4.2270	1.00114
4400	-0.4923	0.7156	4.2710	1.2587	3.809	1.0019	4.2422	1.00146
4500	-0.4535	0.7643	4.2826	1.2542	3.846	1.0024	4.2597	1.00185
4600	-0.4147	0.8129	4.2940	1.2493	3.882	1.0029	4.2776	1.00233
4700	-0.3758	0.8614	4.3053	1.2444	3.918	1.0035	4.2972	1.00289
4800	-0.3363	0.9099	4.3166	1.2396	3.953	1.0042	4.3186	1.00354
4900	-0.2975	0.9585	4.3279	1.2344	3.987	1.0050	4.3421	1.00430
5000	-0.2579	1.0072	4.3391	1.2379	4.035	1.0060	4.3667	1.00516
5100	-0.2208	1.0534	4.3500	1.2326	4.069	1.0070	4.3894	1.00617
5200	-0.1805	1.1026	4.3612	1.2192	4.088	1.0082	4.4176	1.00728
5300	-0.1397	1.1523	4.3724	1.2141	4.122	1.0096	4.4480	1.00852
5400	-0.0983	1.2024	4.3837	1.2094	4.155	1.0110	4.4805	1.00987
5500	-0.0566	1.2528	4.3950	1.2053	4.190	1.0126	4.5149	1.01136
5600	-0.0144	1.3036	4.4063	1.2015	4.225	1.0144	4.5510	1.01298
5700	0.0281	1.3546	4.4176	1.1983	4.261	1.0163	4.5888	1.01474
5800	0.0709	1.4058	4.4288	1.1955	4.297	1.0183	4.6281	1.01662
5900	0.1140	1.4572	4.4401	1.1929	4.334	1.0205	4.6687	1.01863
6000	0.1572	1.5088	4.4512	1.1906	4.371	1.0228	4.7107	1.02077
6100	0.2006	1.5604	4.4624	1.1884	4.409	1.0253	4.7537	1.02301
6200	0.2442	1.6121	4.4734	1.1865	4.447	1.0279	4.7977	1.02538
6300	0.2878	1.6639	4.4844	1.1849	4.485	1.0306	4.8427	1.02785
6400	0.3315	1.7156	4.4954	1.1835	4.524	1.0335	4.8886	1.03042
6500	0.3752	1.7673	4.5062	1.1821	4.564	1.0365	4.9352	1.03309
6600	0.4190	1.8190	4.5170	1.1809	4.603	1.0396	4.9825	1.03584
6700	0.4626	1.8705	4.5277	1.1802	4.644	1.0428	5.0303	1.03867
6800	0.5061	1.9219	4.5382	1.1798	4.685	1.0462	5.0785	1.04158
6900	0.5494	1.9729	4.5487	1.1796	4.727	1.0496	5.1268	1.04456
7000	0.5924	2.0237	4.5590	1.1797	4.769	1.0532	5.1752	1.04760
7100	0.6352	2.0741	4.5692	1.1800	4.812	1.0569	5.2234	1.05071
7200	0.6775	2.1240	4.5793	1.1805	4.856	1.0607	5.2714	1.05386
7300	0.7195	2.1736	4.5892	1.1812	4.899	1.0646	5.3192	1.05707
7400	0.7611	2.2227	4.5989	1.1820	4.944	1.0686	5.3667	1.06032
7500	0.8022	2.2714	4.6086	1.1828	4.989	1.0728	5.4138	1.06360
7600	0.8429	2.3196	4.6180	1.1836	5.033	1.0770	5.4605	1.06692
7700	0.8832	2.3673	4.6274	1.1847	5.079	1.0813	5.5068	1.07026
7800	0.9231	2.4145	4.6366	1.1859	5.125	1.0858	5.5527	1.07363
7900	0.9625	2.4613	4.6457	1.1871	5.171	1.0904	5.5984	1.07701

S/R= 32.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	1.0016	2.5077	4.6546	1.1880	5.217	1.0950	5.6436	1.08040
8100	1.0402	2.5536	4.6635	1.1890	5.263	1.0998	5.6887	1.08380
8200	1.0785	2.5991	4.6722	1.1906	5.311	1.1047	5.7334	1.08719
8300	1.1162	2.6441	4.6808	1.1925	5.359	1.1097	5.7778	1.09059
8400	1.1535	2.6886	4.6894	1.1945	5.409	1.1149	5.8220	1.09398
8500	1.1904	2.7327	4.6977	1.1962	5.457	1.1202	5.8657	1.09736
8600	1.2267	2.7762	4.7060	1.1979	5.507	1.1256	5.9090	1.10075
8700	1.2626	2.8193	4.7142	1.2004	5.558	1.1311	5.9519	1.10412
8800	1.2980	2.8618	4.7222	1.2032	5.610	1.1368	5.9944	1.10748
8900	1.3329	2.9038	4.7302	1.2063	5.664	1.1426	6.0365	1.11082
9000	1.3673	2.9453	4.7380	1.2093	5.718	1.1487	6.0782	1.11415
9100	1.4012	2.9863	4.7458	1.2118	5.771	1.1549	6.1195	1.11747
9200	1.4346	3.0268	4.7534	1.2148	5.825	1.1612	6.1601	1.12077
9300	1.4674	3.0668	4.7609	1.2187	5.883	1.1677	6.2003	1.12405
9400	1.4997	3.1063	4.7683	1.2227	5.941	1.1744	6.2402	1.12732
9500	1.5315	3.1452	4.7756	1.2273	6.001	1.1813	6.2795	1.13057
9600	1.5627	3.1835	4.7829	1.2319	6.062	1.1884	6.3183	1.13382
9700	1.5933	3.2214	4.7900	1.2356	6.122	1.1958	6.3568	1.13705
9800	1.6236	3.2587	4.7971	1.2390	6.181	1.2033	6.3948	1.14025
9900	1.6533	3.2957	4.8040	1.2432	6.243	1.2109	6.4323	1.14342
10000	1.6827	3.3322	4.8109	1.2473	6.305	1.2188	6.4697	1.14655
10100	1.7116	3.3684	4.8177	1.2460	6.354	1.2270	6.5069	1.14961
10200	1.7422	3.4063	4.8253	1.2513	6.423	1.2359	6.5563	1.15275
10300	1.7701	3.4416	4.8319	1.2631	6.507	1.2446	6.5930	1.15577
10400	1.7976	3.4764	4.8385	1.2685	6.576	1.2536	6.6292	1.15874
10500	1.8245	3.5106	4.8450	1.2726	6.642	1.2626	6.6650	1.16169
10600	1.8512	3.5446	4.8514	1.2778	6.712	1.2720	6.7006	1.16459
10700	1.8773	3.5781	4.8578	1.2837	6.785	1.2816	6.7361	1.16746
10800	1.9031	3.6112	4.8641	1.2894	6.858	1.2914	6.7708	1.17025
10900	1.9284	3.6440	4.8703	1.2962	6.935	1.3016	6.8061	1.17306
11000	1.9533	3.6763	4.8765	1.3026	7.012	1.3121	6.8410	1.17580
11100	1.9777	3.7081	4.8826	1.3095	7.091	1.3229	6.8757	1.17850
11200	2.0017	3.7396	4.8888	1.3152	7.168	1.3339	6.9109	1.18120
11300	2.0252	3.7707	4.8947	1.3210	7.246	1.3450	6.9445	1.18378
11400	2.0484	3.8013	4.9007	1.3272	7.326	1.3565	6.9789	1.18638
11500	2.0714	3.8320	4.9066	1.3339	7.409	1.3684	7.0133	1.18894
11600	2.0937	3.8618	4.9125	1.3408	7.493	1.3804	7.0472	1.19142
11700	2.1159	3.8916	4.9183	1.3477	7.578	1.3928	7.0812	1.19386
11800	2.1376	3.9209	4.9241	1.3555	7.667	1.4054	7.1152	1.19629
11900	2.1590	3.9500	4.9299	1.3627	7.756	1.4185	7.1499	1.19871
12000	2.1798	3.9785	4.9355	1.3700	7.846	1.4317	7.1838	1.20258
12100	2.2005	4.0068	4.9412	1.3766	7.935	1.4454	7.2181	1.20334
12200	2.2207	4.0348	4.9468	1.3832	8.024	1.4592	7.2524	1.20560
12300	2.2408	4.0626	4.9525	1.3902	8.117	1.4735	7.2871	1.20786
12400	2.2604	4.0899	4.9580	1.3972	8.210	1.4879	7.3212	1.21002
12500	2.2798	4.1171	4.9635	1.4035	8.303	1.5026	7.3559	1.21218
12600	2.2989	4.1439	4.9690	1.4110	8.400	1.5176	7.3905	1.21431
12700	2.3175	4.1703	4.9745	1.4173	8.494	1.5328	7.4252	1.21642
12800	2.3360	4.1966	4.9799	1.4219	8.584	1.5482	7.4597	1.21845
12900	2.3544	4.2227	4.9853	1.4281	8.680	1.5640	7.4947	1.22050
13000	2.3723	4.2485	4.9908	1.4334	8.774	1.5799	7.5302	1.22254
13100	2.3902	4.2741	4.9961	1.4350	8.857	1.5960	7.5652	1.22452

S/R= 32.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.2945	-5.7309	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.5417	-4.6770	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.1011	-4.0604	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.7877	-3.6221	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.5421	-3.2795	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.3373	-2.9955	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.1593	-2.7506	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.0004	-2.5337	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-2.8562	-2.3384	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.7237	-2.1599	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.6014	-1.9962	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.4874	-1.8445	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.3808	-1.7031	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-2.2806	-1.5707	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.1862	-1.4463	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-2.0969	-1.3290	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.0122	-1.2179	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-1.9317	-1.1126	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-1.8550	-1.0124	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.7761	-0.9115	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-1.7054	-0.8196	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-1.6376	-0.7316	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-1.5726	-0.6472	3.9591	1.2962	2.792	1.0000	3.9567	1.00000
2400	-1.5100	-0.5662	3.9795	1.2950	2.851	1.0000	3.9743	1.00000
2500	-1.4498	-0.4882	3.9991	1.2938	2.908	1.0001	3.9919	1.00000
2600	-1.3917	-0.4131	4.0179	1.2928	2.965	1.0001	4.0079	1.00000
2700	-1.3356	-0.3406	4.0359	1.2918	3.020	1.0001	4.0228	1.00000
2800	-1.2814	-0.2706	4.0533	1.2910	3.075	1.0001	4.0380	1.00000
2900	-1.2289	-0.2029	4.0701	1.2902	3.128	1.0001	4.0520	1.00000
3000	-1.1781	-0.1373	4.0862	1.2892	3.180	1.0001	4.0650	1.00001
3100	-1.1287	-0.0737	4.1019	1.2882	3.232	1.0001	4.0784	1.00001
3200	-1.0808	-0.0120	4.1169	1.2872	3.282	1.0001	4.0905	1.00002
3300	-1.0341	0.0481	4.1316	1.2864	3.332	1.0002	4.1028	1.00004
3400	-0.9887	0.1065	4.1459	1.2852	3.381	1.0002	4.1152	1.00006
3500	-0.9444	0.1634	4.1596	1.2837	3.428	1.0003	4.1263	1.00009
3600	-0.9010	0.2190	4.1731	1.2822	3.475	1.0003	4.1381	1.00013
3700	-0.8586	0.2734	4.1862	1.2800	3.520	1.0004	4.1493	1.00019
3800	-0.8169	0.3267	4.1991	1.2777	3.564	1.0005	4.1619	1.00028
3900	-0.7759	0.3790	4.2116	1.2754	3.608	1.0006	4.1741	1.00039
4000	-0.7355	0.4305	4.2239	1.2724	3.650	1.0008	4.1864	1.00054
4100	-0.6956	0.4813	4.2360	1.2689	3.690	1.0010	4.2000	1.00072
4200	-0.6559	0.5315	4.2480	1.2652	3.730	1.0013	4.2141	1.00096
4300	-0.6166	0.5812	4.2598	1.2610	3.769	1.0016	4.2301	1.00125
4400	-0.5774	0.6306	4.2714	1.2563	3.806	1.0020	4.2461	1.00161
4500	-0.5381	0.6798	4.2831	1.2515	3.842	1.0025	4.2646	1.00204
4600	-0.4988	0.7288	4.2946	1.2464	3.878	1.0030	4.2835	1.00256
4700	-0.4594	0.7779	4.3060	1.2413	3.913	1.0037	4.3043	1.00318
4800	-0.4197	0.8271	4.3174	1.2361	3.948	1.0044	4.3272	1.00390
4900	-0.3797	0.8764	4.3289	1.2308	3.982	1.0053	4.3522	1.00473
5000	-0.3393	0.9260	4.3403	1.2337	4.029	1.0063	4.3784	1.00567
5100	-0.3014	0.9730	4.3513	1.2283	4.062	1.0075	4.4031	1.00677
5200	-0.2601	1.0232	4.3627	1.2152	4.083	1.0088	4.4333	1.00798
5300	-0.2183	1.0739	4.3742	1.2100	4.116	1.0102	4.4658	1.00932
5400	-0.1760	1.1251	4.3856	1.2053	4.150	1.0117	4.5004	1.01080
5500	-0.1331	1.1766	4.3971	1.2012	4.184	1.0135	4.5371	1.01240

S/R= 32.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-0.0899	1.2285	4.4086	1.1975	4.220	1.0153	4.5756	1.01416
5700	-0.0463	1.2807	4.4201	1.1944	4.256	1.0173	4.6157	1.01605
5800	-0.0023	1.3331	4.4316	1.1915	4.292	1.0195	4.6575	1.01807
5900	0.0419	1.3857	4.4430	1.1890	4.329	1.0218	4.7006	1.02023
6000	0.0863	1.4385	4.4544	1.1867	4.367	1.0243	4.7451	1.02252
6100	0.1309	1.4913	4.4657	1.1847	4.405	1.0268	4.7905	1.02492
6200	0.1756	1.5443	4.4770	1.1829	4.444	1.0296	4.8370	1.02744
6300	0.2204	1.5972	4.4882	1.1813	4.483	1.0324	4.8844	1.03006
6400	0.2652	1.6501	4.4993	1.1800	4.522	1.0354	4.9326	1.03280
6500	0.3100	1.7030	4.5103	1.1787	4.562	1.0385	4.9814	1.03563
6600	0.3549	1.7558	4.5212	1.1776	4.602	1.0418	5.0311	1.03854
6700	0.3996	1.8084	4.5320	1.1770	4.642	1.0451	5.0810	1.04153
6800	0.4441	1.8608	4.5427	1.1766	4.684	1.0486	5.1313	1.04460
6900	0.4884	1.9129	4.5533	1.1765	4.726	1.0522	5.1817	1.04774
7000	0.5324	1.9647	4.5638	1.1767	4.769	1.0559	5.2320	1.05094
7100	0.5760	2.0160	4.5741	1.1770	4.812	1.0596	5.2821	1.05420
7200	0.6193	2.0670	4.5842	1.1774	4.856	1.0635	5.3319	1.05751
7300	0.6621	2.1174	4.5942	1.1780	4.900	1.0675	5.3814	1.06087
7400	0.7046	2.1674	4.6041	1.1789	4.944	1.0716	5.4305	1.06427
7500	0.7465	2.2169	4.6138	1.1799	4.989	1.0758	5.4792	1.06770
7600	0.7881	2.2659	4.6233	1.1806	5.034	1.0801	5.5273	1.07116
7700	0.8291	2.3144	4.6327	1.1815	5.079	1.0845	5.5750	1.07465
7800	0.8697	2.3625	4.6420	1.1826	5.125	1.0890	5.6223	1.07817
7900	0.9099	2.4100	4.6511	1.1838	5.171	1.0936	5.6692	1.08168
8000	0.9496	2.4570	4.6602	1.1849	5.218	1.0983	5.7156	1.08521
8100	0.9889	2.5036	4.6690	1.1859	5.264	1.1030	5.7619	1.08874
8200	1.0278	2.5497	4.6778	1.1872	5.311	1.1079	5.8076	1.09227
8300	1.0662	2.5953	4.6865	1.1889	5.359	1.1129	5.8530	1.09579
8400	1.1041	2.6404	4.6950	1.1908	5.408	1.1180	5.8980	1.09931
8500	1.1415	2.6850	4.7034	1.1928	5.457	1.1233	5.9426	1.10282
8600	1.1784	2.7291	4.7117	1.1946	5.507	1.1286	5.9867	1.10632
8700	1.2148	2.7726	4.7199	1.1965	5.556	1.1341	6.0304	1.10981
8800	1.2508	2.8156	4.7279	1.1989	5.608	1.1397	6.0735	1.11329
8900	1.2862	2.8582	4.7359	1.2018	5.660	1.1455	6.1162	1.11675
9000	1.3210	2.9001	4.7437	1.2048	5.714	1.1514	6.1584	1.12020
9100	1.3554	2.9415	4.7514	1.2077	5.768	1.1575	6.2001	1.12362
9200	1.3892	2.9825	4.7591	1.2107	5.822	1.1637	6.2414	1.12703
9300	1.4225	3.0228	4.7666	1.2137	5.877	1.1700	6.2820	1.13042
9400	1.4553	3.0627	4.7740	1.2173	5.933	1.1766	6.3221	1.13380
9500	1.4875	3.1019	4.7813	1.2215	5.992	1.1833	6.3618	1.13716
9600	1.5191	3.1406	4.7885	1.2259	6.052	1.1902	6.4008	1.14052
9700	1.5502	3.1788	4.7956	1.2302	6.112	1.1973	6.4395	1.14385
9800	1.5808	3.2165	4.8027	1.2338	6.172	1.2047	6.4778	1.14715
9900	1.6110	3.2538	4.8096	1.2371	6.231	1.2121	6.5156	1.15042
10000	1.6407	3.2906	4.8164	1.2404	6.290	1.2198	6.5530	1.15364
10100	1.6701	3.3271	4.8232	1.2389	6.338	1.2276	6.5902	1.15681
10200	1.7010	3.3653	4.8307	1.2440	6.405	1.2362	6.6395	1.16005
10300	1.7294	3.4009	4.8374	1.2554	6.487	1.2446	6.6761	1.16317
10400	1.7572	3.4359	4.8439	1.2613	6.556	1.2532	6.7121	1.16623
10500	1.7845	3.4703	4.8504	1.2658	6.623	1.2620	6.7481	1.16926
10600	1.8115	3.5046	4.8568	1.2698	6.689	1.2711	6.7836	1.17225
10700	1.8380	3.5383	4.8631	1.2748	6.758	1.2803	6.8189	1.17522
10800	1.8641	3.5717	4.8693	1.2803	6.829	1.2897	6.8533	1.17810
10900	1.8898	3.6046	4.8755	1.2866	6.903	1.2995	6.8882	1.18099
11000	1.9150	3.6371	4.8817	1.2928	6.978	1.3095	6.9228	1.18382

S/R= 32.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	1.9398	3.6692	4.8877	1.2996	7.056	1.3198	6.9570	1.18660
11200	1.9641	3.7009	4.8938	1.3060	7.134	1.3305	6.9919	1.18939
11300	1.9879	3.7321	4.8998	1.3120	7.211	1.3412	7.0255	1.19205
11400	2.0114	3.7630	4.9057	1.3169	7.286	1.3523	7.0596	1.19473
11500	2.0348	3.7938	4.9116	1.3228	7.365	1.3636	7.0934	1.19737
11600	2.0574	3.8238	4.9173	1.3294	7.447	1.3751	7.1267	1.19993
11700	2.0799	3.8538	4.9231	1.3361	7.530	1.3870	7.1601	1.20245
11800	2.1019	3.8832	4.9288	1.3437	7.616	1.3991	7.1935	1.20495
11900	2.1236	3.9125	4.9345	1.3506	7.702	1.4116	7.2275	1.20745
12000	2.1447	3.9412	4.9402	1.3577	7.790	1.4243	7.2607	1.21301
12100	2.1657	3.9697	4.9458	1.3643	7.877	1.4373	7.2944	1.21222
12200	2.1862	3.9978	4.9513	1.3707	7.965	1.4506	7.3280	1.21456
12300	2.2066	4.0257	4.9569	1.3776	8.055	1.4643	7.3620	1.21689
12400	2.2264	4.0532	4.9624	1.3846	8.146	1.4781	7.3953	1.21912
12500	2.2461	4.0805	4.9679	1.3909	8.237	1.4923	7.4292	1.22135
12600	2.2655	4.1074	4.9733	1.3986	8.333	1.5067	7.4631	1.22354
12700	2.2843	4.1339	4.9787	1.4049	8.425	1.5213	7.4970	1.22571
12800	2.3031	4.1603	4.9840	1.4095	8.513	1.5362	7.5308	1.22780
12900	2.3217	4.1865	4.9894	1.4159	8.608	1.5514	7.5650	1.22992
13000	2.3398	4.2123	4.9947	1.4215	8.701	1.5668	7.5998	1.23202
13100	2.3579	4.2380	5.0000	1.4252	8.790	1.5824	7.6340	1.23406
13200	2.3757	4.2635	5.0053	1.4306	8.883	1.5981	7.6683	1.23606
13300	2.3932	4.2886	5.0105	1.4341	8.972	1.6140	7.7030	1.23807

S/R= 32.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.3914	-5.8178	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.6285	-4.7639	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.1880	-4.1473	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.8746	-3.7089	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.6289	-3.3664	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.4241	-3.0824	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.2461	-2.8374	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.0873	-2.6206	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-2.9431	-2.4253	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.8105	-2.2467	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.6882	-2.0830	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.5743	-1.9313	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-2.4677	-1.7900	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-2.3675	-1.6576	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.2731	-1.5332	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-2.1837	-1.4158	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-2.0990	-1.3048	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-2.0185	-1.1995	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-1.9418	-1.0993	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.8630	-0.9983	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-1.7923	-0.9064	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-1.7245	-0.8185	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-1.6594	-0.7341	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-1.5969	-0.6530	3.9795	1.2949	2.851	1.0000	3.9743	1.00000
2500	-1.5366	-0.5751	3.9991	1.2939	2.908	1.0000	3.9919	1.00000
2600	-1.4786	-0.5000	4.0179	1.2928	2.965	1.0000	4.0079	1.00000
2700	-1.4224	-0.4275	4.0359	1.2917	3.020	1.0001	4.0228	1.00000
2800	-1.3682	-0.3574	4.0533	1.2910	3.075	1.0001	4.0380	1.00000

S/R= 32.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2900	-1.3158	-0.2897	4.0701	1.2902	3.128	1.0001	4.0519	1.00000
3000	-1.2649	-0.2241	4.0862	1.2891	3.180	1.0001	4.0650	1.00001
3100	-1.2155	-0.1605	4.1019	1.2881	3.232	1.0001	4.0785	1.00002
3200	-1.1676	-0.0988	4.1169	1.2870	3.282	1.0001	4.0906	1.00003
3300	-1.1209	-0.0387	4.1316	1.2862	3.332	1.0001	4.1029	1.00004
3400	-1.0755	0.0197	4.1459	1.2849	3.380	1.0002	4.1153	1.00006
3500	-1.0311	0.0767	4.1597	1.2833	3.428	1.0002	4.1266	1.00010
3600	-0.9877	0.1323	4.1732	1.2817	3.474	1.0003	4.1386	1.00015
3700	-0.9451	0.1868	4.1862	1.2793	3.519	1.0004	4.1499	1.00021
3800	-0.9033	0.2403	4.1992	1.2770	3.563	1.0005	4.1628	1.00031
3900	-0.8622	0.2927	4.2118	1.2744	3.606	1.0006	4.1753	1.00043
4000	-0.8216	0.3444	4.2241	1.2712	3.648	1.0008	4.1880	1.00059
4100	-0.7815	0.3954	4.2362	1.2674	3.688	1.0010	4.2021	1.00080
4200	-0.7416	0.4459	4.2482	1.2633	3.727	1.0013	4.2168	1.00106
4300	-0.7018	0.4959	4.2602	1.2588	3.765	1.0017	4.2335	1.00138
4400	-0.6622	0.5458	4.2719	1.2539	3.802	1.0021	4.2504	1.00177
4500	-0.6225	0.5954	4.2836	1.2487	3.838	1.0026	4.2699	1.00225
4600	-0.5827	0.6451	4.2952	1.2434	3.874	1.0032	4.2901	1.00282
4700	-0.5426	0.6948	4.3068	1.2380	3.908	1.0039	4.3122	1.00350
4800	-0.5022	0.7447	4.3184	1.2326	3.943	1.0047	4.3366	1.00428
4900	-0.4614	0.7948	4.3300	1.2270	3.976	1.0057	4.3632	1.00519
5000	-0.4203	0.8452	4.3416	1.2295	4.023	1.0068	4.3913	1.00622
5100	-0.3814	0.8933	4.3528	1.2239	4.056	1.0080	4.4180	1.00743
5200	-0.3392	0.9445	4.3644	1.2111	4.077	1.0094	4.4503	1.00874
5300	-0.2963	0.9963	4.3760	1.2059	4.110	1.0109	4.4850	1.01019
5400	-0.2529	1.0485	4.3877	1.2013	4.144	1.0126	4.5220	1.01179
5500	-0.2089	1.1012	4.3994	1.1972	4.179	1.0144	4.5611	1.01353
5600	-0.1646	1.1543	4.4111	1.1936	4.215	1.0164	4.6020	1.01542
5700	-0.1197	1.2077	4.4228	1.1904	4.251	1.0185	4.6448	1.01745
5800	-0.0746	1.2614	4.4345	1.1877	4.288	1.0208	4.6890	1.01962
5900	-0.0292	1.3153	4.4462	1.1852	4.326	1.0233	4.7348	1.02194
6000	0.0165	1.3693	4.4577	1.1830	4.364	1.0259	4.7818	1.02439
6100	0.0622	1.4234	4.4693	1.1811	4.402	1.0286	4.8297	1.02694
6200	0.1081	1.4776	4.4807	1.1795	4.441	1.0315	4.8788	1.02963
6300	0.1541	1.5317	4.4921	1.1780	4.481	1.0345	4.9286	1.03242
6400	0.2000	1.5858	4.5033	1.1767	4.520	1.0376	4.9792	1.03532
6500	0.2460	1.6399	4.5145	1.1755	4.560	1.0408	5.0304	1.03830
6600	0.2919	1.6938	4.5256	1.1745	4.601	1.0442	5.0823	1.04139
6700	0.3377	1.7476	4.5366	1.1740	4.642	1.0477	5.1345	1.04454
6800	0.3832	1.8011	4.5474	1.1737	4.684	1.0513	5.1869	1.04777
6900	0.4285	1.8542	4.5581	1.1735	4.726	1.0549	5.2393	1.05107
7000	0.4735	1.9070	4.5687	1.1737	4.769	1.0587	5.2915	1.05443
7100	0.5181	1.9593	4.5791	1.1741	4.813	1.0626	5.3435	1.05785
7200	0.5622	2.0112	4.5893	1.1746	4.857	1.0666	5.3951	1.06131
7300	0.6059	2.0625	4.5994	1.1753	4.901	1.0707	5.4463	1.06483
7400	0.6492	2.1134	4.6094	1.1761	4.946	1.0749	5.4970	1.06838
7500	0.6920	2.1638	4.6191	1.1769	4.991	1.0791	5.5473	1.07196
7600	0.7343	2.2136	4.6288	1.1778	5.036	1.0835	5.5969	1.07557
7700	0.7761	2.2628	4.6382	1.1789	5.082	1.0879	5.6460	1.07920
7800	0.8175	2.3116	4.6476	1.1798	5.127	1.0925	5.6946	1.08285
7900	0.8583	2.3598	4.6567	1.1807	5.173	1.0971	5.7427	1.08651
8000	0.8987	2.4075	4.6658	1.1819	5.220	1.1018	5.7903	1.09017
8100	0.9387	2.4548	4.6747	1.1831	5.266	1.1066	5.8376	1.09384
8200	0.9782	2.5015	4.6835	1.1844	5.313	1.1116	5.8844	1.09749
8300	1.0171	2.5477	4.6922	1.1858	5.361	1.1165	5.9308	1.10114

S/R= 32.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	1.0556	2.5934	4.7007	1.1874	5.409	1.1216	5.9767	1.10479
8500	1.0936	2.6385	4.7092	1.1893	5.458	1.1268	6.0221	1.10843
8600	1.1311	2.6831	4.7175	1.1913	5.507	1.1322	6.0669	1.11205
8700	1.1680	2.7271	4.7257	1.1935	5.558	1.1376	6.1113	1.11566
8800	1.2044	2.7706	4.7337	1.1955	5.608	1.1432	6.1552	1.11926
8900	1.2403	2.8136	4.7417	1.1978	5.659	1.1489	6.1984	1.12283
9000	1.2757	2.8560	4.7495	1.2005	5.712	1.1547	6.2412	1.12640
9100	1.3105	2.8978	4.7572	1.2034	5.765	1.1606	6.2834	1.12993
9200	1.3448	2.9391	4.7649	1.2067	5.820	1.1667	6.3251	1.13346
9300	1.3785	2.9799	4.7724	1.2099	5.875	1.1730	6.3662	1.13695
9400	1.4117	3.0201	4.7798	1.2128	5.930	1.1794	6.4068	1.14043
9500	1.4443	3.0597	4.7871	1.2163	5.986	1.1859	6.4466	1.14390
9600	1.4764	3.0988	4.7942	1.2205	6.045	1.1927	6.4860	1.14736
9700	1.5079	3.1373	4.8013	1.2246	6.104	1.1996	6.5248	1.15080
9800	1.5389	3.1753	4.8083	1.2284	6.163	1.2067	6.5633	1.15420
9900	1.5694	3.2129	4.8153	1.2323	6.223	1.2140	6.6013	1.15757
10000	1.5995	3.2500	4.8221	1.2350	6.281	1.2215	6.6390	1.16089
10100	1.6292	3.2867	4.8289	1.2325	6.325	1.2291	6.6762	1.16415
10200	1.6606	3.3253	4.8363	1.2374	6.390	1.2374	6.7254	1.16749
10300	1.6893	3.3610	4.8429	1.2483	6.471	1.2454	6.7618	1.17070
10400	1.7175	3.3963	4.8494	1.2540	6.539	1.2537	6.7979	1.17386
10500	1.7450	3.4310	4.8558	1.2586	6.605	1.2622	6.8336	1.17698
10600	1.7724	3.4655	4.8622	1.2635	6.672	1.2710	6.8691	1.18006
10700	1.7992	3.4994	4.8685	1.2679	6.739	1.2800	6.9045	1.18311
10800	1.8257	3.5330	4.8747	1.2719	6.805	1.2891	6.9386	1.18608
10900	1.8517	3.5661	4.8809	1.2779	6.877	1.2985	6.9733	1.18906
11000	1.8772	3.5989	4.8870	1.2838	6.950	1.3081	7.0075	1.19197
11100	1.9023	3.6312	4.8930	1.2903	7.026	1.3179	7.0413	1.19484
11200	1.9270	3.6630	4.8990	1.2965	7.101	1.3281	7.0757	1.19771
11300	1.9511	3.6944	4.9049	1.3027	7.178	1.3385	7.1089	1.20045
11400	1.9749	3.7254	4.9108	1.3083	7.254	1.3492	7.1427	1.20322
11500	1.9985	3.7564	4.9166	1.3135	7.330	1.3602	7.1765	1.20593
11600	2.0214	3.7866	4.9224	1.3190	7.407	1.3712	7.2093	1.20858
11700	2.0442	3.8167	4.9280	1.3253	7.488	1.3826	7.2421	1.21117
11800	2.0665	3.8463	4.9337	1.3326	7.571	1.3942	7.2749	1.21375
11900	2.0885	3.8757	4.9394	1.3392	7.655	1.4062	7.3083	1.21632
12000	2.1100	3.9045	4.9449	1.3462	7.740	1.4183	7.3408	1.22237
12100	2.1312	3.9332	4.9505	1.3527	7.825	1.4308	7.3737	1.22125
12200	2.1520	3.9614	4.9560	1.3589	7.911	1.4435	7.4066	1.22365
12300	2.1727	3.9896	4.9615	1.3657	7.999	1.4567	7.4399	1.22605
12400	2.1928	4.0171	4.9669	1.3726	8.088	1.4699	7.4725	1.22835
12500	2.2127	4.0445	4.9723	1.3787	8.177	1.4836	7.5056	1.23065
12600	2.2323	4.0716	4.9777	1.3863	8.270	1.4974	7.5387	1.23291
12700	2.2514	4.0982	4.9830	1.3929	8.362	1.5115	7.5719	1.23514
12800	2.2704	4.1246	4.9883	1.3977	8.449	1.5258	7.6049	1.23730
12900	2.2892	4.1510	4.9936	1.4040	8.542	1.5404	7.6384	1.23947
13000	2.3076	4.1769	4.9989	1.4099	8.634	1.5553	7.6723	1.24164
13100	2.3258	4.2026	5.0041	1.4139	8.721	1.5703	7.7058	1.24373
13200	2.3439	4.2282	5.0093	1.4195	8.814	1.5856	7.7394	1.24578
13300	2.3615	4.2533	5.0145	1.4237	8.903	1.6009	7.7732	1.24785
13400	2.3792	4.2785	5.0196	1.4273	8.992	1.6166	7.8076	1.24992
13500	2.3965	4.3032	5.0247	1.4303	9.078	1.6322	7.8416	1.25193

S/R= 32.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.4682	-5.9046	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.7154	-4.8507	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.2749	-4.2341	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-3.9615	-3.7958	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.7158	-3.4532	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.5110	-3.1692	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.3330	-2.9243	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.1742	-2.7075	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.0300	-2.5121	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.8974	-2.3336	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.7751	-2.1699	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.6612	-2.0182	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.5545	-1.8768	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-2.4544	-1.7445	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.3599	-1.6200	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-2.2706	-1.5027	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.1859	-1.3917	3.8124	1.3097	2.413	1.0000	3.8191	1.00000
1800	-2.1054	-1.2863	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.0287	-1.1862	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-1.9498	-1.0852	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-1.8791	-0.9933	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-1.8114	-0.9053	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-1.7463	-0.8210	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-1.6837	-0.7399	3.9795	1.2949	2.851	1.0000	3.9743	1.00000
2500	-1.6235	-0.6619	3.9991	1.2939	2.908	1.0000	3.9919	1.00000
2600	-1.5654	-0.5868	4.0179	1.2928	2.965	1.0000	4.0079	1.00000
2700	-1.5093	-0.5143	4.0359	1.2917	3.020	1.0000	4.0228	1.00000
2800	-1.4551	-0.4443	4.0533	1.2909	3.075	1.0001	4.0380	1.00000
2900	-1.4026	-0.3766	4.0701	1.2900	3.128	1.0001	4.0520	1.00001
3000	-1.3517	-0.3110	4.0862	1.2891	3.180	1.0001	4.0650	1.00001
3100	-1.3024	-0.2474	4.1019	1.2881	3.232	1.0001	4.0785	1.00002
3200	-1.2544	-0.1856	4.1169	1.2869	3.282	1.0001	4.0907	1.00003
3300	-1.2077	-0.1255	4.1316	1.2860	3.331	1.0001	4.1030	1.00005
3400	-1.1622	-0.0671	4.1459	1.2846	3.380	1.0002	4.1156	1.00007
3500	-1.1178	-0.0100	4.1597	1.2830	3.427	1.0002	4.1269	1.00011
3600	-1.0743	0.0457	4.1732	1.2812	3.473	1.0003	4.1391	1.00016
3700	-1.0317	0.1003	4.1863	1.2786	3.518	1.0004	4.1506	1.00024
3800	-0.9897	0.1539	4.1993	1.2761	3.562	1.0005	4.1637	1.00034
3900	-0.9485	0.2065	4.2119	1.2732	3.605	1.0006	4.1767	1.00048
4000	-0.9077	0.2584	4.2242	1.2697	3.646	1.0008	4.1898	1.00065
4100	-0.8672	0.3096	4.2365	1.2658	3.686	1.0011	4.2044	1.00088
4200	-0.8270	0.3604	4.2485	1.2613	3.725	1.0014	4.2198	1.00116
4300	-0.7870	0.4109	4.2606	1.2565	3.762	1.0018	4.2373	1.00153
4400	-0.7469	0.4612	4.2724	1.2513	3.799	1.0022	4.2552	1.00195
4500	-0.7067	0.5114	4.2842	1.2459	3.834	1.0028	4.2758	1.00248
4600	-0.6662	0.5616	4.2959	1.2403	3.869	1.0034	4.2973	1.00311
4700	-0.6255	0.6120	4.3077	1.2345	3.903	1.0042	4.3209	1.00385
4800	-0.5844	0.6627	4.3194	1.2289	3.937	1.0051	4.3469	1.00470
4900	-0.5428	0.7137	4.3312	1.2233	3.971	1.0061	4.3753	1.00570
5000	-0.5007	0.7650	4.3430	1.2251	4.017	1.0073	4.4054	1.00682
5100	-0.4608	0.8141	4.3544	1.2195	4.050	1.0086	4.4343	1.00814
5200	-0.4175	0.8664	4.3662	1.2070	4.072	1.0101	4.4688	1.00956
5300	-0.3736	0.9194	4.3781	1.2018	4.105	1.0117	4.5059	1.01114
5400	-0.3290	0.9728	4.3900	1.1972	4.139	1.0135	4.5454	1.01286
5500	-0.2839	1.0267	4.4019	1.1932	4.175	1.0155	4.5870	1.01474

S/R= 32.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-0.2383	1.0811	4.4138	1.1897	4.211	1.0176	4.6306	1.01678
5700	-0.1923	1.1358	4.4257	1.1866	4.247	1.0199	4.6759	1.01896
5800	-0.1459	1.1907	4.4376	1.1839	4.285	1.0223	4.7229	1.02128
5900	-0.0992	1.2459	4.4495	1.1815	4.322	1.0249	4.7713	1.02376
6000	-0.0523	1.3013	4.4613	1.1795	4.361	1.0276	4.8209	1.02637
6100	-0.0053	1.3567	4.4730	1.1777	4.400	1.0305	4.8715	1.02909
6200	0.0418	1.4121	4.4846	1.1761	4.439	1.0335	4.9231	1.03195
6300	0.0889	1.4675	4.4962	1.1748	4.479	1.0367	4.9754	1.03490
6400	0.1360	1.5228	4.5076	1.1736	4.520	1.0399	5.0285	1.03797
6500	0.1831	1.5781	4.5190	1.1725	4.560	1.0433	5.0821	1.04113
6600	0.2301	1.6332	4.5302	1.1716	4.601	1.0468	5.1362	1.04438
6700	0.2770	1.6880	4.5413	1.1712	4.643	1.0504	5.1906	1.04770
6800	0.3236	1.7426	4.5523	1.1709	4.685	1.0541	5.2451	1.05109
6900	0.3699	1.7968	4.5631	1.1709	4.728	1.0580	5.2996	1.05456
7000	0.4158	1.8505	4.5738	1.1710	4.771	1.0619	5.3538	1.05807
7100	0.4613	1.9039	4.5843	1.1714	4.815	1.0659	5.4076	1.06166
7200	0.5064	1.9566	4.5946	1.1720	4.859	1.0699	5.4610	1.06527
7300	0.5509	2.0089	4.6048	1.1728	4.904	1.0741	5.5139	1.06894
7400	0.5950	2.0607	4.6148	1.1735	4.949	1.0784	5.5662	1.07264
7500	0.6386	2.1118	4.6246	1.1742	4.994	1.0828	5.6180	1.07638
7600	0.6817	2.1624	4.6343	1.1752	5.039	1.0872	5.6691	1.08013
7700	0.7243	2.2125	4.6439	1.1763	5.085	1.0917	5.7195	1.08391
7800	0.7663	2.2619	4.6532	1.1773	5.131	1.0963	5.7695	1.08770
7900	0.8078	2.3108	4.6625	1.1781	5.176	1.1010	5.8188	1.09149
8000	0.8489	2.3592	4.6715	1.1791	5.223	1.1057	5.8675	1.09530
8100	0.8895	2.4071	4.6805	1.1803	5.269	1.1106	5.9160	1.09909
8200	0.9296	2.4544	4.6893	1.1817	5.317	1.1155	5.9637	1.10288
8300	0.9691	2.5012	4.6980	1.1832	5.364	1.1205	6.0111	1.10666
8400	1.0081	2.5474	4.7066	1.1846	5.412	1.1256	6.0578	1.11042
8500	1.0467	2.5931	4.7150	1.1862	5.460	1.1308	6.1041	1.11419
8600	1.0847	2.6382	4.7234	1.1881	5.510	1.1361	6.1497	1.11793
8700	1.1221	2.6827	4.7315	1.1903	5.560	1.1415	6.1948	1.12167
8800	1.1590	2.7267	4.7396	1.1926	5.611	1.1470	6.2393	1.12537
8900	1.1953	2.7701	4.7476	1.1947	5.661	1.1527	6.2832	1.12907
9000	1.2311	2.8129	4.7554	1.1968	5.712	1.1584	6.3265	1.13274
9100	1.2664	2.8551	4.7631	1.1995	5.765	1.1643	6.3691	1.13639
9200	1.3012	2.8968	4.7707	1.2026	5.819	1.1703	6.4112	1.14003
9300	1.3353	2.9379	4.7782	1.2059	5.874	1.1764	6.4527	1.14363
9400	1.3689	2.9785	4.7856	1.2094	5.930	1.1828	6.4937	1.14722
9500	1.4019	3.0185	4.7929	1.2123	5.985	1.1892	6.5340	1.15078
9600	1.4343	3.0579	4.8001	1.2156	6.041	1.1958	6.5736	1.15435
9700	1.4663	3.0967	4.8071	1.2195	6.099	1.2025	6.6126	1.15789
9800	1.4976	3.1351	4.8141	1.2231	6.157	1.2095	6.6513	1.16139
9900	1.5285	3.1729	4.8210	1.2268	6.216	1.2166	6.6894	1.16486
10000	1.5590	3.2103	4.8278	1.2302	6.275	1.2238	6.7272	1.16827
10100	1.5890	3.2473	4.8346	1.2279	6.319	1.2313	6.7646	1.17163
10200	1.6207	3.2861	4.8420	1.2317	6.381	1.2393	6.8138	1.17507
10300	1.6498	3.3221	4.8485	1.2418	6.459	1.2471	6.8502	1.17838
10400	1.6783	3.3576	4.8550	1.2472	6.525	1.2551	6.8861	1.18162
10500	1.7062	3.3925	4.8614	1.2517	6.589	1.2633	6.9217	1.18484
10600	1.7339	3.4273	4.8677	1.2563	6.655	1.2718	6.9570	1.18801
10700	1.7610	3.4614	4.8740	1.2615	6.723	1.2805	6.9922	1.19114
10800	1.7877	3.4951	4.8802	1.2657	6.789	1.2893	7.0264	1.19420
10900	1.8141	3.5285	4.8863	1.2705	6.857	1.2985	7.0609	1.19726
11000	1.8399	3.5614	4.8923	1.2755	6.927	1.3077	7.0948	1.20026

S/R= 32.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	1.8653	3.5939	4.8983	1.2817	7.000	1.3172	7.1283	1.20321
11200	1.8903	3.6259	4.9043	1.2876	7.074	1.3269	7.1624	1.20616
11300	1.9147	3.6575	4.9101	1.2936	7.149	1.3369	7.1951	1.20899
11400	1.9388	3.6887	4.9160	1.2991	7.223	1.3471	7.2284	1.21183
11500	1.9627	3.7198	4.9217	1.3050	7.299	1.3577	7.2617	1.21463
11600	1.9858	3.7501	4.9274	1.3108	7.376	1.3684	7.2944	1.21735
11700	2.0089	3.7804	4.9331	1.3159	7.452	1.3795	7.3269	1.22003
11800	2.0315	3.8102	4.9387	1.3223	7.533	1.3906	7.3592	1.22268
11900	2.0538	3.8397	4.9443	1.3287	7.614	1.4021	7.3920	1.22533
12000	2.0755	3.8687	4.9498	1.3352	7.696	1.4137	7.4237	1.23093
12100	2.0970	3.8974	4.9553	1.3415	7.779	1.4257	7.4561	1.23040
12200	2.1181	3.9258	4.9607	1.3477	7.863	1.4379	7.4883	1.23287
12300	2.1390	3.9541	4.9662	1.3544	7.949	1.4505	7.5208	1.23535
12400	2.1594	3.9817	4.9715	1.3612	8.036	1.4632	7.5526	1.23771
12500	2.1795	4.0092	4.9769	1.3673	8.123	1.4763	7.5850	1.24008
12600	2.1994	4.0364	4.9822	1.3748	8.214	1.4896	7.6173	1.24240
12700	2.2187	4.0631	4.9875	1.3811	8.303	1.5031	7.6499	1.24471
12800	2.2379	4.0896	4.9927	1.3861	8.389	1.5169	7.6819	1.24692
12900	2.2569	4.1161	4.9979	1.3926	8.481	1.5310	7.7147	1.24916
13000	2.2755	4.1421	5.0031	1.3983	8.571	1.5453	7.7479	1.25139
13100	2.2940	4.1679	5.0083	1.4027	8.657	1.5598	7.7805	1.25354
13200	2.3122	4.1935	5.0134	1.4087	8.750	1.5745	7.8133	1.25565
13300	2.3300	4.2187	5.0185	1.4130	8.838	1.5894	7.8463	1.25777
13400	2.3479	4.2439	5.0236	1.4168	8.925	1.6046	7.8799	1.25988
13500	2.3653	4.2686	5.0287	1.4205	9.013	1.6197	7.9130	1.26194
13600	2.3828	4.2935	5.0337	1.4209	9.090	1.6352	7.9468	1.26401

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.5551	-5.9915	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.8022	-4.9376	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.3617	-4.3210	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.0483	-3.8827	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.8027	-3.5401	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.5979	-3.2561	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.4199	-3.0112	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.2610	-2.7943	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.1168	-2.5990	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-2.9842	-2.4205	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.8619	-2.2568	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.7480	-2.1051	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.6414	-1.9637	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-2.5412	-1.8313	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.4468	-1.7069	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-2.3574	-1.5895	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-2.2728	-1.4785	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.1922	-1.3732	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.1156	-1.2730	3.8659	1.2931	2.535	1.0000	3.8650	1.00000
2000	-2.0367	-1.1721	3.8918	1.2895	2.597	1.0000	3.8973	1.00000
2100	-1.9660	-1.0802	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-1.8982	-0.9922	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-1.8332	-0.9078	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-1.7706	-0.8268	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-1.7103	-0.7488	3.9991	1.2938	2.908	1.0000	3.9919	1.00000

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-1.6523	-0.6737	4.0179	1.2928	2.965	1.0000	4.0078	1.00000
2700	-1.5962	-0.6012	4.0359	1.2917	3.020	1.0000	4.0228	1.00000
2800	-1.5419	-0.5311	4.0533	1.2909	3.074	1.0000	4.0380	1.00000
2900	-1.4894	-0.4634	4.0701	1.2899	3.128	1.0000	4.0520	1.00001
3000	-1.4386	-0.3978	4.0862	1.2890	3.180	1.0001	4.0651	1.00001
3100	-1.3892	-0.3342	4.1019	1.2880	3.231	1.0001	4.0786	1.00002
3200	-1.3412	-0.2724	4.1170	1.2867	3.281	1.0001	4.0908	1.00003
3300	-1.2944	-0.2123	4.1316	1.2858	3.331	1.0001	4.1032	1.00005
3400	-1.2490	-0.1538	4.1459	1.2843	3.379	1.0002	4.1158	1.00008
3500	-1.2044	-0.0967	4.1597	1.2826	3.427	1.0002	4.1273	1.00012
3600	-1.1609	-0.0409	4.1733	1.2806	3.473	1.0003	4.1396	1.00018
3700	-1.1182	0.0138	4.1864	1.2779	3.517	1.0004	4.1514	1.00026
3800	-1.0761	0.0675	4.1994	1.2752	3.561	1.0005	4.1648	1.00038
3900	-1.0346	0.1203	4.2120	1.2721	3.603	1.0007	4.1781	1.00053
4000	-0.9936	0.1724	4.2245	1.2682	3.644	1.0009	4.1917	1.00072
4100	-0.9529	0.2240	4.2368	1.2641	3.683	1.0011	4.2070	1.00098
4200	-0.9124	0.2751	4.2489	1.2593	3.722	1.0015	4.2231	1.00128
4300	-0.8719	0.3260	4.2610	1.2540	3.759	1.0019	4.2415	1.00168
4400	-0.8313	0.3768	4.2729	1.2486	3.795	1.0024	4.2605	1.00216
4500	-0.7905	0.4276	4.2849	1.2429	3.830	1.0030	4.2823	1.00273
4600	-0.7495	0.4785	4.2967	1.2369	3.864	1.0037	4.3052	1.00342
4700	-0.7080	0.5296	4.3086	1.2309	3.898	1.0045	4.3304	1.00423
4800	-0.6661	0.5812	4.3205	1.2251	3.932	1.0055	4.3581	1.00517
4900	-0.6236	0.6331	4.3325	1.2194	3.966	1.0066	4.3885	1.00626
5000	-0.5805	0.6855	4.3445	1.2206	4.011	1.0079	4.4207	1.00748
5100	-0.5395	0.7357	4.3561	1.2150	4.044	1.0093	4.4520	1.00891
5200	-0.4952	0.7891	4.3681	1.2029	4.066	1.0109	4.4889	1.01045
5300	-0.4501	0.8432	4.3802	1.1978	4.100	1.0127	4.5285	1.01215
5400	-0.4043	0.8979	4.3924	1.1932	4.135	1.0146	4.5706	1.01402
5500	-0.3580	0.9532	4.4045	1.1893	4.170	1.0167	4.6149	1.01605
5600	-0.3111	1.0088	4.4167	1.1859	4.207	1.0189	4.6612	1.01823
5700	-0.2638	1.0649	4.4288	1.1829	4.244	1.0213	4.7093	1.02057
5800	-0.2161	1.1212	4.4409	1.1803	4.281	1.0239	4.7590	1.02306
5900	-0.1682	1.1777	4.4530	1.1779	4.320	1.0267	4.8101	1.02570
6000	-0.1200	1.2344	4.4650	1.1760	4.359	1.0296	4.8625	1.02848
6100	-0.0718	1.2911	4.4769	1.1744	4.398	1.0326	4.9158	1.03137
6200	-0.0234	1.3478	4.4887	1.1729	4.438	1.0358	4.9700	1.03440
6300	0.0249	1.4045	4.5005	1.1717	4.479	1.0391	5.0249	1.03753
6400	0.0732	1.4611	4.5121	1.1706	4.519	1.0425	5.0804	1.04077
6500	0.1214	1.5175	4.5236	1.1696	4.560	1.0460	5.1364	1.04410
6600	0.1696	1.5738	4.5350	1.1689	4.602	1.0496	5.1929	1.04751
6700	0.2175	1.6297	4.5462	1.1685	4.644	1.0534	5.2495	1.05100
6800	0.2651	1.6854	4.5573	1.1682	4.686	1.0572	5.3061	1.05456
6900	0.3124	1.7406	4.5682	1.1683	4.730	1.0612	5.3626	1.05819
7000	0.3593	1.7954	4.5790	1.1686	4.773	1.0652	5.4187	1.06187
7100	0.4057	1.8497	4.5896	1.1690	4.817	1.0693	5.4744	1.06561
7200	0.4516	1.9034	4.6000	1.1695	4.862	1.0735	5.5295	1.06938
7300	0.4971	1.9565	4.6103	1.1703	4.907	1.0778	5.5841	1.07320
7400	0.5420	2.0091	4.6204	1.1712	4.952	1.0822	5.6380	1.07706
7500	0.5864	2.0611	4.6303	1.1720	4.998	1.0866	5.6914	1.08094
7600	0.6302	2.1125	4.6400	1.1728	5.043	1.0911	5.7439	1.08485
7700	0.6735	2.1633	4.6496	1.1738	5.089	1.0957	5.7957	1.08877
7800	0.7162	2.2135	4.6590	1.1748	5.135	1.1004	5.8469	1.09270
7900	0.7584	2.2631	4.6683	1.1758	5.181	1.1051	5.8974	1.09663
8000	0.8001	2.3121	4.6774	1.1768	5.227	1.1100	5.9473	1.10057

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	0.8413	2.3606	4.6864	1.1778	5.274	1.1148	5.9968	1.10450
8200	0.8820	2.4085	4.6953	1.1790	5.321	1.1198	6.0455	1.10841
8300	0.9221	2.4558	4.7040	1.1806	5.369	1.1248	6.0938	1.11232
8400	0.9616	2.5026	4.7125	1.1822	5.417	1.1299	6.1414	1.11621
8500	1.0007	2.5488	4.7210	1.1836	5.465	1.1352	6.1885	1.12010
8600	1.0392	2.5943	4.7293	1.1852	5.513	1.1404	6.2348	1.12396
8700	1.0771	2.6393	4.7375	1.1873	5.563	1.1458	6.2806	1.12782
8800	1.1145	2.6837	4.7456	1.1894	5.614	1.1513	6.3257	1.13164
8900	1.1513	2.7276	4.7535	1.1918	5.665	1.1569	6.3702	1.13544
9000	1.1875	2.7708	4.7614	1.1940	5.716	1.1626	6.4141	1.13923
9100	1.2232	2.8135	4.7691	1.1962	5.767	1.1684	6.4572	1.14299
9200	1.2584	2.8555	4.7767	1.1989	5.820	1.1743	6.4998	1.14673
9300	1.2929	2.8970	4.7842	1.2020	5.874	1.1804	6.5416	1.15044
9400	1.3269	2.9379	4.7915	1.2054	5.929	1.1866	6.5828	1.15414
9500	1.3603	2.9782	4.7988	1.2089	5.985	1.1929	6.6236	1.15781
9600	1.3931	3.0179	4.8060	1.2121	6.041	1.1995	6.6635	1.16147
9700	1.4253	3.0571	4.8130	1.2151	6.097	1.2061	6.7028	1.16512
9800	1.4571	3.0957	4.8200	1.2183	6.153	1.2128	6.7416	1.16872
9900	1.4884	3.1339	4.8269	1.2218	6.211	1.2197	6.7798	1.17228
10000	1.5191	3.1715	4.8336	1.2251	6.269	1.2268	6.8176	1.17579
10100	1.5495	3.2088	4.8403	1.2233	6.314	1.2341	6.8552	1.17924
10200	1.5815	3.2478	4.8477	1.2273	6.376	1.2419	6.9045	1.18278
10300	1.6109	3.2841	4.8543	1.2365	6.451	1.2496	6.9410	1.18618
10400	1.6397	3.3198	4.8607	1.2410	6.514	1.2573	6.9768	1.18952
10500	1.6679	3.3549	4.8670	1.2452	6.577	1.2652	7.0122	1.19282
10600	1.6960	3.3899	4.8733	1.2497	6.642	1.2734	7.0474	1.19608
10700	1.7234	3.4242	4.8796	1.2547	6.708	1.2818	7.0824	1.19930
10800	1.7504	3.4581	4.8857	1.2593	6.774	1.2903	7.1163	1.20244
10900	1.7770	3.4917	4.8918	1.2646	6.843	1.2992	7.1508	1.20559
11000	1.8031	3.5248	4.8978	1.2689	6.910	1.3082	7.1847	1.20868
11100	1.8288	3.5574	4.9037	1.2738	6.979	1.3174	7.2178	1.21171
11200	1.8540	3.5896	4.9096	1.2794	7.051	1.3268	7.2515	1.21474
11300	1.8738	3.6214	4.9154	1.2852	7.124	1.3363	7.2838	1.21765
11400	1.9031	3.6527	4.9212	1.2904	7.196	1.3462	7.3167	1.22057
11500	1.9273	3.6840	4.9270	1.2961	7.271	1.3563	7.3496	1.22345
11600	1.9507	3.7144	4.9326	1.3022	7.347	1.3666	7.3817	1.22625
11700	1.9740	3.7448	4.9382	1.3080	7.424	1.3773	7.4139	1.22900
11800	1.9968	3.7747	4.9438	1.3139	7.502	1.3881	7.4460	1.23173
11900	2.0194	3.8044	4.9494	1.3191	7.579	1.3992	7.4784	1.23446
12000	2.0413	3.8335	4.9548	1.3251	7.658	1.4103	7.5096	1.23897
12100	2.0631	3.8624	4.9602	1.3312	7.739	1.4218	7.5412	1.23967
12200	2.0845	3.8909	4.9656	1.3372	7.820	1.4335	7.5727	1.24222
12300	2.1056	3.9192	4.9710	1.3436	7.904	1.4457	7.6045	1.24476
12400	2.1262	3.9470	4.9763	1.3502	7.989	1.4578	7.6357	1.24720
12500	2.1466	3.9746	4.9816	1.3563	8.074	1.4704	7.6673	1.24964
12600	2.1667	4.0019	4.9868	1.3638	8.164	1.4832	7.6989	1.25203
12700	2.1863	4.0287	4.9920	1.3701	8.251	1.4962	7.7306	1.25439
12800	2.2057	4.0553	4.9972	1.3748	8.334	1.5094	7.7619	1.25667
12900	2.2249	4.0818	5.0023	1.3813	8.424	1.5230	7.7939	1.25898
13000	2.2438	4.1079	5.0075	1.3875	8.514	1.5368	7.8262	1.26126
13100	2.2624	4.1338	5.0126	1.3918	8.599	1.5508	7.8581	1.26347
13200	2.2808	4.1594	5.0177	1.3977	8.689	1.5650	7.8901	1.26564
13300	2.2988	4.1846	5.0227	1.4025	8.777	1.5793	7.9222	1.26781
13400	2.3168	4.2100	5.0277	1.4068	8.865	1.5940	7.9549	1.26998
13500	2.3344	4.2347	5.0327	1.4107	8.951	1.6086	7.9872	1.27208

S/R= 33.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	2.3520	4.2596	5.0377	1.4133	9.034	1.6236	8.0201	1.27420
13700	2.3693	4.2841	5.0427	1.4166	9.119	1.6387	8.0534	1.27634
13800	2.3865	4.3085	5.0477	1.4176	9.198	1.6539	8.0870	1.27848

S/R= 33.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.6420	-5.0784	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.8891	-5.0245	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.4486	-4.4079	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.1352	-3.9695	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.8895	-3.6269	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.6847	-3.3430	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.5067	-3.0980	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.3479	-2.8812	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.2037	-2.6858	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.0711	-2.5073	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-2.9488	-2.3436	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.8349	-2.1919	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-2.7283	-2.0505	3.6835	1.3238	2.121	1.0000	3.7119	1.00000
1400	-2.6281	-1.9182	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.5336	-1.7938	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-2.4443	-1.6764	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-2.3596	-1.5654	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.2791	-1.4601	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.2024	-1.3599	3.8659	1.2931	2.535	1.0000	3.8650	1.00000
2000	-2.1236	-1.2589	3.8918	1.2895	2.597	1.0000	3.8973	1.00000
2100	-2.0528	-1.1670	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-1.9851	-1.0791	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-1.9200	-0.9947	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-1.8575	-0.9136	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-1.7972	-0.8356	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-1.7391	-0.7605	4.0179	1.2928	2.965	1.0000	4.0078	1.00000
2700	-1.6830	-0.6980	4.0359	1.2918	3.020	1.0000	4.0228	1.00000
2800	-1.6288	-0.6180	4.0533	1.2909	3.074	1.0000	4.0381	1.00000
2900	-1.5763	-0.5503	4.0701	1.2898	3.128	1.0000	4.0520	1.00001
3000	-1.5254	-0.4847	4.0862	1.2890	3.180	1.0001	4.0651	1.00001
3100	-1.4760	-0.4210	4.1019	1.2879	3.231	1.0001	4.0786	1.00002
3200	-1.4280	-0.3592	4.1170	1.2866	3.281	1.0001	4.0909	1.00003
3300	-1.3812	-0.2991	4.1317	1.2855	3.331	1.0001	4.1033	1.00006
3400	-1.3357	-0.2405	4.1460	1.2840	3.379	1.0002	4.1161	1.00009
3500	-1.2911	-0.1833	4.1598	1.2821	3.426	1.0002	4.1277	1.00013
3600	-1.2475	-0.1275	4.1733	1.2800	3.472	1.0003	4.1402	1.00020
3700	-1.2046	-0.0727	4.1865	1.2771	3.516	1.0004	4.1522	1.00029
3800	-1.1624	-0.0188	4.1995	1.2742	3.559	1.0005	4.1660	1.00042
3900	-1.1208	0.0342	4.2122	1.2708	3.601	1.0007	4.1797	1.00058
4000	-1.0795	0.0866	4.2247	1.2665	3.641	1.0009	4.1939	1.00080
4100	-1.0384	0.1385	4.2370	1.2622	3.681	1.0012	4.2098	1.00107
4200	-0.9976	0.1900	4.2493	1.2570	3.719	1.0016	4.2267	1.00141
4300	-0.9566	0.2413	4.2615	1.2514	3.755	1.0020	4.2462	1.00185
4400	-0.9155	0.2926	4.2735	1.2457	3.791	1.0025	4.2662	1.00237
4500	-0.8741	0.3441	4.2856	1.2396	3.825	1.0032	4.2894	1.00301
4600	-0.8324	0.3957	4.2976	1.2334	3.860	1.0040	4.3138	1.00377
4700	-0.7901	0.4477	4.3097	1.2272	3.893	1.0049	4.3408	1.00465
4800	-0.7473	0.5001	4.3218	1.2212	3.927	1.0059	4.3704	1.00567

S/R= 33.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	-0.7039	0.5530	4.3339	1.2153	3.960	1.0071	4.4029	1.00686
5000	-0.6598	0.6065	4.3461	1.2161	4.005	1.0085	4.4374	1.00819
5100	-0.6176	0.6579	4.3580	1.2104	4.038	1.0101	4.4711	1.00974
5200	-0.5721	0.7126	4.3702	1.1988	4.061	1.0118	4.5106	1.01142
5300	-0.5258	0.7680	4.3826	1.1937	4.095	1.0137	4.5529	1.01325
5400	-0.4788	0.8240	4.3949	1.1893	4.130	1.0157	4.5977	1.01527
5500	-0.4311	0.8806	4.4073	1.1854	4.166	1.0180	4.6448	1.01745
5600	-0.3829	0.9376	4.4197	1.1821	4.203	1.0204	4.6940	1.01979
5700	-0.3343	0.9950	4.4321	1.1792	4.240	1.0230	4.7450	1.02229
5800	-0.2853	1.0527	4.4444	1.1767	4.279	1.0257	4.7975	1.02495
5900	-0.2361	1.1106	4.4567	1.1745	4.317	1.0286	4.8515	1.02776
6000	-0.1866	1.1687	4.4689	1.1727	4.357	1.0317	4.9067	1.03072
6100	-0.1370	1.2268	4.4810	1.1712	4.397	1.0348	4.9627	1.03378
6200	-0.0875	1.2848	4.4931	1.1698	4.437	1.0382	5.0195	1.03699
6300	-0.0379	1.3428	4.5050	1.1688	4.479	1.0416	5.0770	1.04029
6400	0.0116	1.4006	4.5167	1.1678	4.520	1.0452	5.1350	1.04370
6500	0.0610	1.4582	4.5284	1.1669	4.561	1.0489	5.1934	1.04721
6600	0.1102	1.5156	4.5399	1.1664	4.603	1.0527	5.2522	1.05079
6700	0.1592	1.5728	4.5513	1.1660	4.646	1.0566	5.3110	1.05445
6800	0.2078	1.6294	4.5625	1.1658	4.689	1.0605	5.3698	1.05818
6900	0.2561	1.6857	4.5735	1.1658	4.732	1.0646	5.4282	1.06198
7000	0.3039	1.7415	4.5844	1.1663	4.777	1.0688	5.4863	1.06582
7100	0.3513	1.7967	4.5951	1.1668	4.821	1.0730	5.5438	1.06972
7200	0.3981	1.8513	4.6056	1.1673	4.866	1.0773	5.6007	1.07365
7300	0.4444	1.9054	4.6159	1.1680	4.911	1.0817	5.6569	1.07762
7400	0.4901	1.9588	4.6261	1.1689	4.957	1.0862	5.7124	1.08163
7500	0.5352	2.0116	4.6360	1.1698	5.002	1.0907	5.7672	1.08566
7600	0.5798	2.0637	4.6458	1.1707	5.048	1.0953	5.8211	1.08971
7700	0.6238	2.1152	4.6555	1.1716	5.094	1.1000	5.8744	1.09377
7800	0.6672	2.1661	4.6649	1.1725	5.140	1.1048	5.9268	1.09785
7900	0.7100	2.2164	4.6742	1.1736	5.187	1.1096	5.9785	1.10191
8000	0.7523	2.2661	4.6834	1.1747	5.233	1.1144	6.0295	1.10599
8100	0.7941	2.3152	4.6924	1.1757	5.280	1.1194	6.0800	1.11004
8200	0.8353	2.3637	4.7013	1.1767	5.326	1.1244	6.1297	1.11409
8300	0.8760	2.4116	4.7100	1.1781	5.374	1.1294	6.1789	1.11813
8400	0.9161	2.4588	4.7186	1.1797	5.422	1.1346	6.2273	1.12214
8500	0.9557	2.5055	4.7270	1.1814	5.471	1.1398	6.2751	1.12615
8600	0.9946	2.5516	4.7354	1.1830	5.520	1.1451	6.3223	1.13013
8700	1.0330	2.5970	4.7436	1.1846	5.568	1.1505	6.3687	1.13410
8800	1.0708	2.6419	4.7516	1.1866	5.618	1.1559	6.4144	1.13804
8900	1.1081	2.6861	4.7596	1.1889	5.669	1.1615	6.4595	1.14196
9000	1.1447	2.7297	4.7674	1.1913	5.721	1.1672	6.5038	1.14586
9100	1.1808	2.7727	4.7751	1.1936	5.772	1.1730	6.5475	1.14973
9200	1.2163	2.8152	4.7827	1.1958	5.824	1.1788	6.5905	1.15358
9300	1.2513	2.8570	4.7902	1.1985	5.877	1.1848	6.6327	1.15740
9400	1.2857	2.8983	4.7975	1.2018	5.931	1.1909	6.6743	1.16119
9500	1.3194	2.9389	4.8048	1.2051	5.987	1.1971	6.7152	1.16497
9600	1.3526	2.9789	4.8119	1.2087	6.043	1.2035	6.7554	1.16873
9700	1.3852	3.0184	4.8190	1.2118	6.099	1.2101	6.7952	1.17248
9800	1.4173	3.0573	4.8259	1.2143	6.153	1.2167	6.8342	1.17618
9900	1.4489	3.0957	4.8328	1.2172	6.209	1.2235	6.8725	1.17984
10000	1.4800	3.1336	4.8395	1.2203	6.266	1.2304	6.9104	1.18344
10100	1.5107	3.1711	4.8462	1.2185	6.311	1.2375	6.9479	1.18699
10200	1.5430	3.2104	4.8535	1.2227	6.372	1.2451	6.9972	1.19062
10300	1.5726	3.2469	4.8600	1.2324	6.448	1.2526	7.0338	1.19412

S/R= 33.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10400	1.6018	3.2828	4.8664	1.2363	6.509	1.2602	7.0698	1.19754
10500	1.6303	3.3181	4.8728	1.2394	6.569	1.2679	7.1051	1.20093
10600	1.6586	3.3533	4.8790	1.2436	6.632	1.2758	7.1400	1.20428
10700	1.6863	3.3878	4.8852	1.2483	6.697	1.2839	7.1748	1.20759
10800	1.7136	3.4219	4.8913	1.2528	6.762	1.2922	7.2085	1.21081
10900	1.7404	3.4557	4.8973	1.2581	6.830	1.3007	7.2428	1.21405
11000	1.7668	3.4889	4.9033	1.2632	6.898	1.3095	7.2765	1.21722
11100	1.7927	3.5217	4.9092	1.2680	6.966	1.3184	7.3097	1.22033
11200	1.8182	3.5541	4.9151	1.2723	7.033	1.3275	7.3431	1.22344
11300	1.8432	3.5859	4.9208	1.2774	7.103	1.3367	7.3750	1.22643
11400	1.8678	3.6174	4.9266	1.2823	7.173	1.3462	7.4075	1.22943
11500	1.8923	3.6488	4.9323	1.2878	7.247	1.3560	7.4399	1.23239
11600	1.9160	3.6795	4.9379	1.2937	7.321	1.3659	7.4716	1.23526
11700	1.9395	3.7100	4.9434	1.2994	7.396	1.3761	7.5032	1.23810
11800	1.9626	3.7400	4.9490	1.3060	7.475	1.3865	7.5349	1.24090
11900	1.9853	3.7698	4.9545	1.3115	7.552	1.3973	7.5670	1.24370
12000	2.0075	3.7990	4.9599	1.3164	7.627	1.4081	7.5979	1.24675
12100	2.0295	3.8280	4.9653	1.3216	7.704	1.4192	7.6289	1.24906
12200	2.0511	3.8566	4.9706	1.3274	7.783	1.4304	7.6598	1.25168
12300	2.0725	3.8851	4.9759	1.3335	7.865	1.4420	7.6910	1.25430
12400	2.0934	3.9129	4.9811	1.3399	7.947	1.4537	7.7213	1.25681
12500	2.1140	3.9406	4.9863	1.3459	8.030	1.4658	7.7523	1.25931
12600	2.1343	3.9680	4.9915	1.3533	8.118	1.4781	7.7831	1.26177
12700	2.1541	3.9949	4.9967	1.3595	8.204	1.4906	7.8140	1.26420
12800	2.1737	4.0216	5.0018	1.3642	8.285	1.5033	7.8446	1.26654
12900	2.1932	4.0482	5.0069	1.3705	8.373	1.5164	7.8757	1.26891
13000	2.2122	4.0743	5.0120	1.3767	8.461	1.5297	7.9073	1.27126
13100	2.2310	4.1003	5.0170	1.3813	8.545	1.5431	7.9384	1.27353
13200	2.2496	4.1259	5.0220	1.3875	8.635	1.5568	7.9694	1.27575
13300	2.2677	4.1512	5.0270	1.3922	8.721	1.5706	8.0008	1.27797
13400	2.2860	4.1766	5.0320	1.3965	8.806	1.5848	8.0327	1.28019
13500	2.3036	4.2014	5.0369	1.4010	8.893	1.5990	8.0640	1.28235
13600	2.3214	4.2262	5.0418	1.4041	8.976	1.6135	8.0961	1.28451
13700	2.3388	4.2508	5.0467	1.4076	9.061	1.6281	8.1285	1.28669
13800	2.3561	4.2752	5.0516	1.4084	9.138	1.6428	8.1611	1.28887
13900	2.3735	4.2997	5.0565	1.4094	9.216	1.6578	8.1945	1.29107
14000	2.3906	4.3238	5.0614	1.4109	9.295	1.6727	8.2278	1.29326

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.7288	-5.1652	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-4.9760	-5.1113	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.5354	-4.4947	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.2220	-4.0564	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-3.9764	-3.7138	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.7716	-3.4298	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.5936	-3.1849	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.4347	-2.9680	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.2905	-2.7727	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.1580	-2.5942	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.0357	-2.4305	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-2.9217	-2.2788	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.8151	-2.1374	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-2.7149	-2.0050	3.7191	1.3193	2.198	1.0000	3.7406	1.00000

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	-2.6205	-1.8806	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-2.5312	-1.7633	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.4465	-1.6522	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.3660	-1.5469	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.2893	-1.4467	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.2104	-1.3458	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.1397	-1.2539	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-2.0720	-1.1659	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-2.0069	-1.0815	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-1.9443	-1.0005	3.9795	1.2949	2.851	1.0000	3.9743	1.00000
2500	-1.8840	-0.9225	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-1.8260	-0.8474	4.0179	1.2927	2.965	1.0000	4.0078	1.00000
2700	-1.7699	-0.7749	4.0359	1.2918	3.020	1.0000	4.0228	1.00000
2800	-1.7156	-0.7049	4.0533	1.2909	3.074	1.0000	4.0381	1.00000
2900	-1.6631	-0.6371	4.0701	1.2898	3.128	1.0000	4.0520	1.00001
3000	-1.6122	-0.5715	4.0862	1.2889	3.180	1.0000	4.0651	1.00001
3100	-1.5628	-0.5078	4.1019	1.2877	3.231	1.0001	4.0787	1.00002
3200	-1.5148	-0.4460	4.1170	1.2864	3.281	1.0001	4.0910	1.00003
3300	-1.4680	-0.3858	4.1317	1.2853	3.331	1.0001	4.1035	1.00006
3400	-1.4224	-0.3272	4.1460	1.2836	3.379	1.0001	4.1164	1.00010
3500	-1.3777	-0.2700	4.1598	1.2816	3.425	1.0002	4.1281	1.00014
3600	-1.3340	-0.2140	4.1734	1.2794	3.471	1.0003	4.1409	1.00022
3700	-1.2910	-0.1591	4.1866	1.2763	3.515	1.0004	4.1532	1.00032
3800	-1.2486	-0.1050	4.1996	1.2730	3.558	1.0005	4.1673	1.00046
3900	-1.2068	-0.0518	4.2124	1.2694	3.599	1.0007	4.1815	1.00064
4000	-1.1652	0.0008	4.2249	1.2648	3.639	1.0010	4.1963	1.00088
4100	-1.1239	0.0531	4.2374	1.2601	3.678	1.0013	4.2129	1.00118
4200	-1.0826	0.1050	4.2497	1.2546	3.715	1.0017	4.2308	1.00156
4300	-1.0411	0.1569	4.2620	1.2487	3.751	1.0022	4.2513	1.00204
4400	-0.9995	0.2088	4.2741	1.2427	3.786	1.0028	4.2726	1.00262
4500	-0.9574	0.2609	4.2864	1.2362	3.821	1.0035	4.2973	1.00331
4600	-0.9149	0.3133	4.2986	1.2298	3.854	1.0043	4.3233	1.00414
4700	-0.8718	0.3662	4.3108	1.2233	3.888	1.0053	4.3521	1.00511
4800	-0.8280	0.4196	4.3231	1.2171	3.921	1.0064	4.3839	1.00623
4900	-0.7836	0.4736	4.3355	1.2112	3.955	1.0078	4.4186	1.00752
5000	-0.7384	0.5282	4.3479	1.2116	3.998	1.0092	4.4555	1.00896
5100	-0.6950	0.5809	4.3600	1.2059	4.032	1.0109	4.4919	1.01064
5200	-0.6483	0.6369	4.3725	1.1946	4.056	1.0128	4.5341	1.01246
5300	-0.6007	0.6936	4.3851	1.1897	4.091	1.0148	4.5792	1.01444
5400	-0.5523	0.7510	4.3977	1.1854	4.126	1.0170	4.6269	1.01661
5500	-0.5033	0.8090	4.4103	1.1816	4.162	1.0194	4.6770	1.01894
5600	-0.4537	0.8675	4.4230	1.1785	4.200	1.0220	4.7291	1.02145
5700	-0.4037	0.9263	4.4356	1.1757	4.237	1.0247	4.7830	1.02412
5800	-0.3534	0.9854	4.4481	1.1733	4.276	1.0276	4.8385	1.02696
5900	-0.3028	1.0448	4.4606	1.1712	4.316	1.0307	4.8953	1.02995
6000	-0.2520	1.1043	4.4731	1.1696	4.356	1.0339	4.9534	1.03308
6100	-0.2011	1.1637	4.4854	1.1683	4.397	1.0372	5.0122	1.03633
6200	-0.1503	1.2230	4.4975	1.1669	4.437	1.0407	5.0717	1.03971
6300	-0.0995	1.2823	4.5096	1.1660	4.479	1.0443	5.1318	1.04319
6400	-0.0488	1.3414	4.5215	1.1652	4.521	1.0481	5.1923	1.04678
6500	0.0017	1.4002	4.5333	1.1643	4.563	1.0519	5.2531	1.05046
6600	0.0521	1.4588	4.5450	1.1639	4.605	1.0559	5.3142	1.05422
6700	0.1021	1.5170	4.5565	1.1637	4.649	1.0599	5.3753	1.05805
6800	0.1517	1.5748	4.5678	1.1635	4.692	1.0640	5.4361	1.06194
6900	0.2010	1.6321	4.5789	1.1636	4.736	1.0682	5.4966	1.06591

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	0.2498	1.6889	4.5899	1.1641	4.781	1.0725	5.5565	1.06991
7100	0.2980	1.7450	4.6007	1.1646	4.826	1.0769	5.6159	1.07397
7200	0.3457	1.8006	4.6113	1.1652	4.871	1.0813	5.6745	1.07806
7300	0.3928	1.8555	4.6217	1.1659	4.916	1.0858	5.7323	1.08218
7400	0.4393	1.9097	4.6319	1.1668	4.962	1.0904	5.7894	1.08635
7500	0.4852	1.9633	4.6419	1.1677	5.008	1.0951	5.8456	1.09053
7600	0.5305	2.0162	4.6517	1.1687	5.054	1.0998	5.9009	1.09472
7700	0.5751	2.0684	4.6614	1.1697	5.100	1.1045	5.9554	1.09893
7800	0.6192	2.1200	4.6709	1.1705	5.146	1.1094	6.0090	1.10314
7900	0.6627	2.1709	4.6802	1.1715	5.193	1.1142	6.0619	1.10734
8000	0.7056	2.2212	4.6894	1.1726	5.240	1.1192	6.1140	1.11155
8100	0.7479	2.2709	4.6984	1.1737	5.287	1.1242	6.1654	1.11574
8200	0.7897	2.3199	4.7073	1.1748	5.334	1.1292	6.2162	1.11992
8300	0.8309	2.3683	4.7161	1.1759	5.381	1.1343	6.2662	1.12408
8400	0.8715	2.4161	4.7247	1.1774	5.429	1.1395	6.3155	1.12821
8500	0.9116	2.4633	4.7332	1.1791	5.477	1.1447	6.3640	1.13234
8600	0.9510	2.5098	4.7415	1.1810	5.527	1.1501	6.4118	1.13644
8700	0.9898	2.5557	4.7497	1.1825	5.575	1.1555	6.4590	1.14053
8800	1.0281	2.6010	4.7577	1.1840	5.624	1.1609	6.5053	1.14458
8900	1.0657	2.6456	4.7657	1.1862	5.675	1.1665	6.5509	1.14862
9000	1.1028	2.6896	4.7735	1.1886	5.726	1.1721	6.5957	1.15263
9100	1.1393	2.7330	4.7812	1.1910	5.778	1.1778	6.6399	1.15660
9200	1.1752	2.7758	4.7888	1.1934	5.830	1.1837	6.6833	1.16056
9300	1.2105	2.8179	4.7962	1.1957	5.882	1.1896	6.7260	1.16448
9400	1.2452	2.8595	4.8036	1.1984	5.935	1.1956	6.7678	1.16838
9500	1.2793	2.9004	4.8108	1.2017	5.990	1.2018	6.8090	1.17226
9600	1.3128	2.9408	4.8179	1.2051	6.045	1.2081	6.8495	1.17612
9700	1.3457	2.9805	4.8249	1.2084	6.101	1.2145	6.8893	1.17996
9800	1.3781	3.0197	4.8319	1.2113	6.157	1.2211	6.9287	1.18376
9900	1.4100	3.0584	4.8387	1.2136	6.211	1.2278	6.9673	1.18751
10000	1.4414	3.0965	4.8454	1.2160	6.266	1.2345	7.0053	1.19122
10100	1.4724	3.1343	4.8521	1.2141	6.309	1.2414	7.0427	1.19485
10200	1.5050	3.1737	4.8594	1.2181	6.370	1.2489	7.0920	1.19859
10300	1.5350	3.2105	4.8658	1.2276	6.445	1.2561	7.1285	1.20217
10400	1.5644	3.2466	4.8722	1.2322	6.507	1.2636	7.1645	1.20569
10500	1.5931	3.2821	4.8785	1.2353	6.566	1.2711	7.2000	1.20917
10600	1.6217	3.3175	4.8847	1.2384	6.626	1.2789	7.2349	1.21260
10700	1.6497	3.3522	4.8909	1.2425	6.688	1.2867	7.2695	1.21599
10800	1.6773	3.3865	4.8969	1.2468	6.752	1.2947	7.3030	1.21930
10900	1.7044	3.4204	4.9029	1.2519	6.819	1.3030	7.3369	1.22262
11000	1.7310	3.4538	4.9089	1.2568	6.885	1.3114	7.3703	1.22587
11100	1.7572	3.4867	4.9147	1.2621	6.954	1.3201	7.4032	1.22906
11200	1.7829	3.5193	4.9206	1.2668	7.022	1.3290	7.4366	1.23226
11300	1.8081	3.5513	4.9263	1.2711	7.089	1.3379	7.4685	1.23533
11400	1.8330	3.5829	4.9320	1.2749	7.155	1.3471	7.5005	1.23840
11500	1.8577	3.6144	4.9376	1.2801	7.226	1.3565	7.5325	1.24144
11600	1.8816	3.6452	4.9432	1.2858	7.299	1.3660	7.5637	1.24439
11700	1.9054	3.6758	4.9487	1.2912	7.372	1.3759	7.5949	1.24730
11800	1.9287	3.7059	4.9542	1.2975	7.449	1.3859	7.6260	1.25018
11900	1.9517	3.7358	4.9596	1.3034	7.526	1.3963	7.6576	1.25306
12000	1.9741	3.7651	4.9650	1.3091	7.602	1.4068	7.6880	1.25581
12100	1.9963	3.7942	4.9703	1.3139	7.677	1.4176	7.7190	1.25857
12200	2.0181	3.8230	4.9756	1.3184	7.751	1.4284	7.7493	1.26126
12300	2.0398	3.8515	4.9809	1.3242	7.830	1.4396	7.7799	1.26395
12400	2.0608	3.8795	4.9861	1.3303	7.911	1.4508	7.8096	1.26652

S/R= 33.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12500	2.0817	3.9073	4.9912	1.3360	7.992	1.4624	7.8398	1.26910
12600	2.1022	3.9347	4.9963	1.3432	8.077	1.4742	7.8699	1.27162
12700	2.1222	3.9617	5.0014	1.3494	8.161	1.4862	7.9001	1.27412
12800	2.1420	3.9885	5.0065	1.3540	8.241	1.4985	7.9300	1.27653
12900	2.1616	4.0151	5.0115	1.3603	8.327	1.5110	7.9603	1.27895
13000	2.1809	4.0413	5.0165	1.3664	8.413	1.5238	7.9910	1.28137
13100	2.1999	4.0674	5.0215	1.3710	8.496	1.5368	8.0212	1.28369
13200	2.2186	4.0931	5.0264	1.3773	8.584	1.5500	8.0514	1.28597
13300	2.2369	4.1184	5.0314	1.3822	8.669	1.5633	8.0820	1.28825
13400	2.2553	4.1438	5.0363	1.3867	8.754	1.5770	8.1130	1.29053
13500	2.2731	4.1686	5.0411	1.3914	8.839	1.5907	8.1435	1.29273
13600	2.2910	4.1935	5.0460	1.3947	8.922	1.6047	8.1747	1.29494
13700	2.3086	4.2180	5.0509	1.3986	9.006	1.6188	8.2061	1.29717
13800	2.3260	4.2424	5.0557	1.4003	9.084	1.6330	8.2378	1.29937
13900	2.3435	4.2669	5.0605	1.4018	9.162	1.6476	8.2702	1.30161
14000	2.3606	4.2910	5.0653	1.4030	9.240	1.6621	8.3025	1.30382
14100	2.3778	4.3150	5.0702	1.4022	9.311	1.6768	8.3357	1.30614
14200	2.3949	4.3391	5.0750	1.4014	9.382	1.6915	8.3697	1.30849

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.8157	-6.2521	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.0628	-5.1982	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.6223	-4.5816	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.3089	-4.1432	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.0632	-3.8007	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.8584	-3.5167	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.6804	-3.2717	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.5216	-3.0549	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.3774	-2.8595	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.2448	-2.6810	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.1225	-2.5173	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.0086	-2.3656	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.9020	-2.2243	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-2.8018	-2.0919	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.7073	-1.9675	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-2.6180	-1.8501	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.5333	-1.7391	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.4528	-1.6338	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.3761	-1.5336	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.2973	-1.4326	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.2265	-1.3407	3.9153	1.2991	2.671	1.0000	3.9179	1.00000
2200	-2.1588	-1.2528	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.0937	-1.1684	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-2.0312	-1.0874	3.9795	1.2949	2.851	1.0000	3.9743	1.00000
2500	-1.9709	-1.0093	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-1.9128	-0.9342	4.0179	1.2927	2.965	1.0000	4.0078	1.00000
2700	-1.8567	-0.8617	4.0359	1.2917	3.020	1.0000	4.0228	1.00000
2800	-1.8025	-0.7917	4.0533	1.2908	3.074	1.0000	4.0381	1.00000
2900	-1.7500	-0.7240	4.0701	1.2898	3.128	1.0000	4.0520	1.00001
3000	-1.6991	-0.6583	4.0862	1.2888	3.180	1.0000	4.0652	1.00001
3100	-1.6496	-0.5947	4.1019	1.2876	3.231	1.0001	4.0788	1.00002
3200	-1.6016	-0.5328	4.1170	1.2863	3.281	1.0001	4.0912	1.00004
3300	-1.5547	-0.4726	4.1317	1.2851	3.330	1.0001	4.1038	1.00007

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-1.5091	-0.4139	4.1460	1.2832	3.378	1.0002	4.1167	1.00011
3500	-1.4644	-0.3566	4.1599	1.2811	3.425	1.0002	4.1286	1.00016
3600	-1.4205	-0.3005	4.1735	1.2786	3.470	1.0003	4.1416	1.00024
3700	-1.3774	-0.2454	4.1867	1.2754	3.514	1.0004	4.1542	1.00036
3800	-1.3348	-0.1912	4.1998	1.2718	3.556	1.0006	4.1688	1.00051
3900	-1.2927	-0.1377	4.2126	1.2679	3.597	1.0008	4.1835	1.00071
4000	-1.2509	-0.0848	4.2252	1.2630	3.637	1.0011	4.1989	1.00097
4100	-1.2092	-0.0322	4.2377	1.2578	3.675	1.0014	4.2164	1.00130
4200	-1.1674	0.0202	4.2501	1.2520	3.712	1.0018	4.2352	1.00172
4300	-1.1254	0.0727	4.2626	1.2458	3.747	1.0024	4.2569	1.00225
4400	-1.0832	0.1252	4.2749	1.2394	3.782	1.0030	4.2796	1.00288
4500	-1.0404	0.1781	4.2873	1.2327	3.816	1.0038	4.3059	1.00364
4600	-0.9970	0.2313	4.2996	1.2261	3.849	1.0047	4.3337	1.00454
4700	-0.9530	0.2852	4.3120	1.2194	3.882	1.0058	4.3646	1.00561
4800	-0.9082	0.3396	4.3245	1.2130	3.916	1.0070	4.3985	1.00683
4900	-0.8627	0.3948	4.3372	1.2070	3.949	1.0084	4.4357	1.00823
5000	-0.8163	0.4506	4.3498	1.2071	3.993	1.0100	4.4751	1.00980
5100	-0.7716	0.5046	4.3622	1.2014	4.026	1.0119	4.5144	1.01161
5200	-0.7236	0.5620	4.3749	1.1905	4.051	1.0138	4.5595	1.01358
5300	-0.6746	0.6202	4.3877	1.1857	4.086	1.0160	4.6075	1.01571
5400	-0.6249	0.6790	4.4006	1.1816	4.122	1.0184	4.6582	1.01804
5500	-0.5745	0.7385	4.4135	1.1779	4.159	1.0209	4.7113	1.02054
5600	-0.5235	0.7984	4.4264	1.1749	4.197	1.0237	4.7665	1.02323
5700	-0.4721	0.8588	4.4392	1.1722	4.235	1.0266	4.8235	1.02607
5800	-0.4204	0.9194	4.4520	1.1700	4.274	1.0296	4.8820	1.02909
5900	-0.3683	0.9802	4.4647	1.1681	4.314	1.0329	4.9418	1.03226
6000	-0.3162	1.0410	4.4774	1.1666	4.355	1.0363	5.0027	1.03558
6100	-0.2640	1.1018	4.4899	1.1654	4.397	1.0398	5.0643	1.03900
6200	-0.2119	1.1625	4.5022	1.1642	4.438	1.0435	5.1266	1.04257
6300	-0.1599	1.2231	4.5144	1.1633	4.480	1.0472	5.1893	1.04623
6400	-0.1080	1.2834	4.5265	1.1626	4.522	1.0511	5.2523	1.05000
6500	-0.0563	1.3435	4.5385	1.1619	4.565	1.0551	5.3155	1.05386
6600	-0.0049	1.4032	4.5502	1.1616	4.608	1.0592	5.3789	1.05778
6700	0.0462	1.4626	4.5618	1.1614	4.652	1.0634	5.4421	1.06179
6800	0.0969	1.5214	4.5733	1.1613	4.696	1.0677	5.5051	1.06586
6900	0.1471	1.5797	4.5845	1.1615	4.740	1.0721	5.5675	1.06999
7000	0.1968	1.6375	4.5956	1.1621	4.785	1.0765	5.6294	1.07415
7100	0.2459	1.6945	4.6064	1.1626	4.831	1.0810	5.6904	1.07837
7200	0.2944	1.7510	4.6171	1.1633	4.876	1.0855	5.7507	1.08262
7300	0.3423	1.8067	4.6275	1.1640	4.922	1.0902	5.8102	1.08690
7400	0.3896	1.8618	4.6378	1.1649	4.968	1.0949	5.8687	1.09121
7500	0.4362	1.9161	4.6479	1.1658	5.014	1.0996	5.9264	1.09554
7600	0.4822	1.9697	4.6577	1.1668	5.061	1.1044	5.9831	1.09988
7700	0.5275	2.0227	4.6674	1.1678	5.107	1.1093	6.0388	1.10423
7800	0.5722	2.0749	4.6770	1.1687	5.154	1.1142	6.0937	1.10857
7900	0.6163	2.1265	4.6863	1.1697	5.200	1.1192	6.1477	1.11291
8000	0.6598	2.1773	4.6955	1.1706	5.247	1.1242	6.2008	1.11725
8100	0.7027	2.2276	4.7046	1.1717	5.294	1.1292	6.2532	1.12157
8200	0.7450	2.2772	4.7135	1.1730	5.341	1.1343	6.3048	1.12588
8300	0.7867	2.3261	4.7222	1.1741	5.389	1.1395	6.3558	1.13016
8400	0.8278	2.3744	4.7309	1.1753	5.436	1.1447	6.4058	1.13442
8500	0.8683	2.4220	4.7393	1.1770	5.485	1.1500	6.4550	1.13867
8600	0.9082	2.4690	4.7477	1.1788	5.534	1.1553	6.5035	1.14289
8700	0.9475	2.5153	4.7558	1.1806	5.583	1.1607	6.5513	1.14709
8800	0.9861	2.5610	4.7639	1.1821	5.632	1.1662	6.5983	1.15125

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8900	1.0242	2.6060	4.7718	1.1839	5.682	1.1717	6.6444	1.15540
9000	1.0617	2.6504	4.7797	1.1860	5.733	1.1774	6.6897	1.15952
9100	1.0985	2.6941	4.7873	1.1884	5.784	1.1831	6.7343	1.16361
9200	1.1348	2.7373	4.7949	1.1908	5.836	1.1889	6.7781	1.16766
9300	1.1704	2.7798	4.8023	1.1934	5.889	1.1948	6.8212	1.17169
9400	1.2054	2.8216	4.8097	1.1958	5.941	1.2008	6.8635	1.17569
9500	1.2399	2.8629	4.8169	1.1985	5.994	1.2068	6.9049	1.17967
9600	1.2737	2.9035	4.8240	1.2018	6.050	1.2131	6.9456	1.18363
9700	1.3070	2.9435	4.8310	1.2049	6.105	1.2194	6.9856	1.18758
9800	1.3397	2.9830	4.8379	1.2080	6.160	1.2259	7.0250	1.19147
9900	1.3719	3.0219	4.8447	1.2108	6.215	1.2325	7.0639	1.19531
10000	1.4036	3.0603	4.8514	1.2127	6.269	1.2392	7.1022	1.19911
10100	1.4348	3.0983	4.8580	1.2101	6.310	1.2459	7.1397	1.20284
10200	1.4677	3.1379	4.8653	1.2139	6.370	1.2532	7.1888	1.20667
10300	1.4979	3.1748	4.8717	1.2232	6.444	1.2603	7.2253	1.21034
10400	1.5276	3.2112	4.8780	1.2276	6.505	1.2675	7.2612	1.21394
10500	1.5566	3.2469	4.8843	1.2313	6.565	1.2749	7.2966	1.21751
10600	1.5855	3.2824	4.8905	1.2345	6.625	1.2825	7.3316	1.22104
10700	1.6137	3.3173	4.8966	1.2378	6.684	1.2902	7.3661	1.22451
10800	1.6415	3.3518	4.9026	1.2414	6.746	1.2979	7.3995	1.22790
10900	1.6689	3.3858	4.9086	1.2461	6.811	1.3059	7.4332	1.23130
11000	1.6958	3.4194	4.9145	1.2508	6.876	1.3141	7.4663	1.23464
11100	1.7222	3.4525	4.9203	1.2560	6.944	1.3225	7.4989	1.23790
11200	1.7481	3.4852	4.9261	1.2609	7.011	1.3311	7.5320	1.24119
11300	1.7736	3.5173	4.9318	1.2660	7.080	1.3398	7.5636	1.24433
11400	1.7986	3.5490	4.9375	1.2692	7.144	1.3488	7.5957	1.24749
11500	1.8235	3.5807	4.9431	1.2731	7.210	1.3579	7.6273	1.25060
11600	1.8477	3.6116	4.9486	1.2785	7.281	1.3671	7.6580	1.25363
11700	1.8717	3.6423	4.9540	1.2836	7.353	1.3766	7.6887	1.25661
11800	1.8952	3.6725	4.9595	1.2897	7.428	1.3863	7.7193	1.25957
11900	1.9184	3.7026	4.9649	1.2953	7.502	1.3963	7.7505	1.26252
12000	1.9411	3.7319	4.9702	1.3009	7.577	1.4063	7.7804	1.26534
12100	1.9635	3.7611	4.9755	1.3064	7.653	1.4167	7.8108	1.26817
12200	1.9855	3.7899	4.9807	1.3114	7.728	1.4273	7.8409	1.27094
12300	2.0073	3.8186	4.9859	1.3162	7.803	1.4382	7.8711	1.27370
12400	2.0285	3.8466	4.9911	1.3213	7.879	1.4490	7.9002	1.27635
12500	2.0496	3.8745	4.9962	1.3268	7.958	1.4602	7.9298	1.27899
12600	2.0703	3.9021	5.0012	1.3338	8.042	1.4715	7.9592	1.28158
12700	2.0905	3.9291	5.0063	1.3397	8.123	1.4830	7.9886	1.28414
12800	2.1105	3.9559	5.0113	1.3443	8.201	1.4948	8.0177	1.28662
12900	2.1304	3.9827	5.0162	1.3506	8.286	1.5069	8.0473	1.28910
13000	2.1498	4.0089	5.0212	1.3565	8.370	1.5192	8.0772	1.29158
13100	2.1689	4.0350	5.0261	1.3611	8.451	1.5317	8.1066	1.29397
13200	2.1878	4.0608	5.0310	1.3675	8.538	1.5444	8.1360	1.29631
13300	2.2063	4.0861	5.0358	1.3723	8.621	1.5572	8.1657	1.29864
13400	2.2249	4.1116	5.0407	1.3771	8.705	1.5705	8.1958	1.30097
13500	2.2428	4.1364	5.0455	1.3821	8.790	1.5836	8.2255	1.30322
13600	2.2608	4.1613	5.0503	1.3856	8.871	1.5972	8.2557	1.30548
13700	2.2785	4.1859	5.0551	1.3897	8.955	1.6108	8.2863	1.30775
13800	2.2960	4.2102	5.0598	1.3918	9.033	1.6246	8.3170	1.31000
13900	2.3136	4.2347	5.0646	1.3940	9.112	1.6387	8.3484	1.31228
14000	2.3308	4.2587	5.0694	1.3959	9.190	1.6527	8.3797	1.31451
14100	2.3480	4.2827	5.0741	1.3958	9.262	1.6670	8.4118	1.31684
14200	2.3652	4.3067	5.0789	1.3936	9.328	1.6813	8.4446	1.31920
14300	2.3825	4.3307	5.0836	1.3905	9.390	1.6956	8.4776	1.32157

S/R= 33.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14400	2.3996	4.3546	5.0884	1.3893	9.458	1.7099	8.5117	1.32406

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.9025	-5.3389	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.1497	-5.2850	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.7092	-4.6684	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.3958	-4.2301	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.1501	-3.8875	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-3.9453	-3.6035	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.7673	-3.3586	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.6084	-3.1418	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-3.4643	-2.9464	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.3317	-2.7679	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.2094	-2.6042	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.0955	-2.4525	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-2.9888	-2.3111	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-2.8887	-2.1788	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.7942	-2.0543	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-2.7049	-1.9370	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.6202	-1.8260	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.5397	-1.7206	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.4630	-1.6205	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-2.3841	-1.5195	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.3134	-1.4276	3.9153	1.2991	2.671	1.0000	3.9179	1.00000
2200	-2.2457	-1.3396	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.1806	-1.2552	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.1180	-1.1742	3.9795	1.2949	2.851	1.0000	3.9743	1.00000
2500	-2.0578	-1.0962	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-1.9997	-1.0211	4.0179	1.2927	2.965	1.0000	4.0078	1.00000
2700	-1.9436	-0.9486	4.0359	1.2916	3.020	1.0000	4.0228	1.00000
2800	-1.8893	-0.8785	4.0533	1.2907	3.074	1.0000	4.0381	1.00000
2900	-1.8368	-0.8108	4.0701	1.2898	3.127	1.0000	4.0521	1.00001
3000	-1.7859	-0.7452	4.0862	1.2887	3.180	1.0000	4.0652	1.00002
3100	-1.7365	-0.6815	4.1019	1.2875	3.231	1.0000	4.0789	1.00002
3200	-1.6883	-0.6196	4.1170	1.2862	3.281	1.0001	4.0913	1.00004
3300	-1.6415	-0.5593	4.1317	1.2848	3.330	1.0001	4.1040	1.00007
3400	-1.5957	-0.5006	4.1461	1.2828	3.377	1.0002	4.1171	1.00012
3500	-1.5510	-0.4432	4.1599	1.2806	3.424	1.0002	4.1292	1.00018
3600	-1.5070	-0.3870	4.1736	1.2778	3.469	1.0003	4.1424	1.00027
3700	-1.4637	-0.3317	4.1868	1.2744	3.512	1.0004	4.1554	1.00039
3800	-1.4210	-0.2773	4.2000	1.2705	3.554	1.0006	4.1704	1.00056
3900	-1.3786	-0.2236	4.2128	1.2663	3.595	1.0008	4.1857	1.00078
4000	-1.3364	-0.1703	4.2255	1.2610	3.634	1.0011	4.2018	1.00107
4100	-1.2943	-0.1173	4.2381	1.2555	3.672	1.0015	4.2202	1.00144
4200	-1.2521	-0.0644	4.2506	1.2493	3.708	1.0020	4.2401	1.00190
4300	-1.2095	-0.0113	4.2632	1.2427	3.743	1.0026	4.2631	1.00248
4400	-1.1665	0.0419	4.2756	1.2360	3.777	1.0033	4.2873	1.00317
4500	-1.1230	0.0956	4.2882	1.2290	3.811	1.0041	4.3153	1.00401
4600	-1.0787	0.1498	4.3008	1.2222	3.844	1.0051	4.3451	1.00499
4700	-1.0338	0.2047	4.3134	1.2154	3.877	1.0063	4.3781	1.00615
4800	-0.9879	0.2603	4.3261	1.2088	3.910	1.0076	4.4144	1.00748
4900	-0.9411	0.3166	4.3390	1.2027	3.944	1.0092	4.4542	1.00900
5000	-0.8935	0.3738	4.3518	1.2026	3.987	1.0109	4.4964	1.01071

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-0.8475	0.4293	4.3645	1.1969	4.021	1.0129	4.5387	1.01267
5200	-0.7980	0.4880	4.3775	1.1864	4.047	1.0150	4.5868	1.01478
5300	-0.7476	0.5477	4.3906	1.1817	4.082	1.0173	4.6379	1.01708
5400	-0.6965	0.6081	4.4037	1.1778	4.118	1.0199	4.6918	1.01958
5500	-0.6446	0.6691	4.4169	1.1743	4.156	1.0226	4.7480	1.02225
5600	-0.5922	0.7305	4.4300	1.1714	4.194	1.0255	4.8063	1.02511
5700	-0.5393	0.7924	4.4431	1.1689	4.233	1.0286	4.8664	1.02814
5800	-0.4861	0.8545	4.4561	1.1668	4.273	1.0318	4.9280	1.03135
5900	-0.4327	0.9168	4.4690	1.1651	4.314	1.0352	4.9908	1.03470
6000	-0.3792	0.9791	4.4818	1.1637	4.355	1.0388	5.0547	1.03820
6100	-0.3257	1.0413	4.4945	1.1626	4.397	1.0425	5.1191	1.04182
6200	-0.2723	1.1033	4.5071	1.1616	4.439	1.0463	5.1841	1.04556
6300	-0.2190	1.1652	4.5195	1.1608	4.482	1.0503	5.2495	1.04941
6400	-0.1660	1.2268	4.5317	1.1602	4.525	1.0544	5.3150	1.05336
6500	-0.1132	1.2880	4.5437	1.1597	4.568	1.0585	5.3806	1.05740
6600	-0.0607	1.3489	4.5556	1.1594	4.612	1.0628	5.4463	1.06150
6700	-0.0085	1.4094	4.5674	1.1593	4.656	1.0671	5.5116	1.06568
6800	0.0432	1.4693	4.5789	1.1593	4.700	1.0715	5.5766	1.06992
6900	0.0943	1.5286	4.5902	1.1596	4.745	1.0760	5.6410	1.07421
7000	0.1449	1.5873	4.6013	1.1602	4.791	1.0806	5.7047	1.07854
7100	0.1949	1.6453	4.6123	1.1608	4.836	1.0852	5.7676	1.08292
7200	0.2442	1.7026	4.6230	1.1614	4.882	1.0899	5.8295	1.08732
7300	0.2929	1.7591	4.6335	1.1622	4.928	1.0947	5.8905	1.09176
7400	0.3410	1.8150	4.6438	1.1632	4.975	1.0995	5.9506	1.09622
7500	0.3883	1.8701	4.6539	1.1640	5.021	1.1044	6.0096	1.10069
7600	0.4350	1.9244	4.6638	1.1650	5.068	1.1093	6.0676	1.10517
7700	0.4810	1.9780	4.6736	1.1661	5.115	1.1142	6.1246	1.10966
7800	0.5263	2.0309	4.6831	1.1671	5.162	1.1192	6.1805	1.11415
7900	0.5710	2.0831	4.6925	1.1681	5.209	1.1243	6.2356	1.11862
8000	0.6150	2.1345	4.7017	1.1689	5.255	1.1294	6.2898	1.12309
8100	0.6585	2.1854	4.7108	1.1699	5.302	1.1345	6.3432	1.12754
8200	0.7013	2.2355	4.7197	1.1712	5.350	1.1397	6.3957	1.13198
8300	0.7435	2.2849	4.7285	1.1725	5.398	1.1449	6.4474	1.13638
8400	0.7850	2.3337	4.7371	1.1737	5.445	1.1501	6.4982	1.14076
8500	0.8260	2.3818	4.7455	1.1751	5.494	1.1554	6.5482	1.14513
8600	0.8663	2.4292	4.7539	1.1768	5.543	1.1608	6.5973	1.14946
8700	0.9060	2.4759	4.7621	1.1785	5.592	1.1662	6.6457	1.15378
8800	0.9450	2.5220	4.7701	1.1803	5.641	1.1717	6.6931	1.15806
8900	0.9835	2.5673	4.7780	1.1821	5.691	1.1773	6.7400	1.16232
9000	1.0213	2.6121	4.7858	1.1839	5.741	1.1829	6.7857	1.16654
9100	1.0585	2.6562	4.7935	1.1860	5.792	1.1886	6.8307	1.17073
9200	1.0951	2.6996	4.8011	1.1883	5.843	1.1944	6.8748	1.17489
9300	1.1311	2.7424	4.8085	1.1909	5.896	1.2002	6.9182	1.17903
9400	1.1665	2.7846	4.8158	1.1937	5.949	1.2062	6.9608	1.18313
9500	1.2012	2.8261	4.8230	1.1962	6.002	1.2123	7.0027	1.18721
9600	1.2354	2.8670	4.8301	1.1988	6.055	1.2184	7.0436	1.19127
9700	1.2689	2.9073	4.8370	1.2018	6.110	1.2247	7.0838	1.19530
9800	1.3019	2.9470	4.8439	1.2047	6.165	1.2310	7.1234	1.19929
9900	1.3344	2.9862	4.8507	1.2075	6.220	1.2375	7.1623	1.20323
10000	1.3663	3.0248	4.8574	1.2101	6.274	1.2441	7.2007	1.20712
10100	1.3979	3.0630	4.8640	1.2072	6.315	1.2508	7.2385	1.21094
10200	1.4310	3.1029	4.8712	1.2101	6.372	1.2579	7.2876	1.21486
10300	1.4615	3.1400	4.8776	1.2191	6.445	1.2649	7.3241	1.21862
10400	1.4914	3.1765	4.8839	1.2234	6.505	1.2719	7.3598	1.22232
10500	1.5207	3.2124	4.8901	1.2269	6.564	1.2792	7.3951	1.22597

S/R= 33.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	1.5498	3.2481	4.8963	1.2304	6.624	1.2866	7.4300	1.22958
10700	1.5782	3.2832	4.9024	1.2342	6.685	1.2941	7.4645	1.23314
10800	1.6062	3.3178	4.9084	1.2371	6.744	1.3017	7.4979	1.23661
10900	1.6338	3.3520	4.9143	1.2409	6.806	1.3095	7.5314	1.24010
11000	1.6609	3.3857	4.9202	1.2453	6.870	1.3175	7.5643	1.24351
11100	1.6876	3.4189	4.9259	1.2502	6.936	1.3256	7.5966	1.24686
11200	1.7138	3.4517	4.9317	1.2550	7.002	1.3339	7.6293	1.25022
11300	1.7394	3.4840	4.9373	1.2599	7.069	1.3424	7.6606	1.25344
11400	1.7647	3.5158	4.9430	1.2640	7.135	1.3511	7.6924	1.25667
11500	1.7898	3.5476	4.9485	1.2682	7.202	1.3600	7.7239	1.25987
11600	1.8141	3.5786	4.9540	1.2723	7.269	1.3690	7.7544	1.26297
11700	1.8384	3.6095	4.9594	1.2766	7.337	1.3781	7.7847	1.26603
11800	1.8621	3.6398	4.9648	1.2824	7.410	1.3875	7.8148	1.26906
11900	1.8855	3.6699	4.9702	1.2878	7.483	1.3971	7.8454	1.27208
12000	1.9083	3.6994	4.9754	1.2932	7.556	1.4068	7.8748	1.27498
12100	1.9309	3.7287	4.9807	1.2986	7.630	1.4168	7.9046	1.27788
12200	1.9531	3.7575	4.9859	1.3038	7.704	1.4270	7.9342	1.28071
12300	1.9751	3.7863	4.9910	1.3093	7.781	1.4376	7.9640	1.28355
12400	1.9965	3.8144	4.9961	1.3142	7.856	1.4481	7.9929	1.28627
12500	2.0178	3.8423	5.0012	1.3184	7.929	1.4589	8.0220	1.28898
12600	2.0387	3.8699	5.0062	1.3250	8.011	1.4698	8.0506	1.29163
12700	2.0591	3.8971	5.0112	1.3308	8.090	1.4809	8.0794	1.29427
12800	2.0793	3.9240	5.0161	1.3351	8.166	1.4922	8.1078	1.29681
12900	2.0993	3.9507	5.0210	1.3412	8.249	1.5039	8.1366	1.29936
13000	2.1189	3.9771	5.0259	1.3471	8.331	1.5157	8.1657	1.30190
13100	2.1382	4.0032	5.0308	1.3517	8.411	1.5278	8.1943	1.30434
13200	2.1573	4.0290	5.0356	1.3580	8.496	1.5400	8.2229	1.30674
13300	2.1760	4.0544	5.0404	1.3629	8.578	1.5524	8.2517	1.30914
13400	2.1946	4.0799	5.0452	1.3677	8.661	1.5651	8.2810	1.31152
13500	2.2127	4.1047	5.0499	1.3728	8.745	1.5778	8.3098	1.31382
13600	2.2309	4.1296	5.0547	1.3766	8.825	1.5909	8.3391	1.31613
13700	2.2487	4.1542	5.0594	1.3811	8.909	1.6041	8.3688	1.31845
13800	2.2663	4.1785	5.0641	1.3834	8.986	1.6174	8.3986	1.32074
13900	2.2840	4.2030	5.0688	1.3860	9.065	1.6310	8.4290	1.32305
14000	2.3012	4.2270	5.0735	1.3884	9.143	1.6446	8.4592	1.32531
14100	2.3185	4.2510	5.0781	1.3892	9.217	1.6584	8.4904	1.32766
14200	2.3357	4.2749	5.0828	1.3880	9.284	1.6723	8.5221	1.33003
14300	2.3529	4.2988	5.0875	1.3859	9.348	1.6863	8.5538	1.33241
14400	2.3701	4.3225	5.0922	1.3825	9.408	1.7002	8.5866	1.33488
14500	2.3873	4.3463	5.0969	1.3796	9.469	1.7140	8.6201	1.33745

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-5.9894	-6.4258	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.2365	-5.3719	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.7960	-4.7553	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.4826	-4.3170	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.2370	-3.9744	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.0322	-3.6904	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.8542	-3.4455	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.6953	-3.2286	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.5511	-3.0333	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.4185	-2.8548	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.2962	-2.6911	3.6039	1.3352	1.960	1.0000	3.6521	1.00000

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-3.1823	-2.5394	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.0757	-2.3980	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-2.9755	-2.2656	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.8811	-2.1412	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-2.7917	-2.0238	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.7070	-1.9128	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.6265	-1.8075	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.5498	-1.7073	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-2.4710	-1.6063	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.4003	-1.5144	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-2.3325	-1.4265	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.2674	-1.3421	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.2049	-1.2611	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.1446	-1.1831	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-2.0866	-1.1080	4.0179	1.2928	2.965	1.0000	4.0078	1.00000
2700	-2.0304	-1.0355	4.0359	1.2916	3.020	1.0000	4.0228	1.00000
2800	-1.9762	-0.9654	4.0533	1.2907	3.074	1.0000	4.0381	1.00001
2900	-1.9237	-0.8977	4.0701	1.2897	3.127	1.0000	4.0521	1.00001
3000	-1.8727	-0.8320	4.0862	1.2885	3.179	1.0000	4.0653	1.00002
3100	-1.8233	-0.7683	4.1019	1.2873	3.231	1.0000	4.0790	1.00003
3200	-1.7751	-0.7064	4.1170	1.2859	3.280	1.0001	4.0915	1.00005
3300	-1.7282	-0.6460	4.1318	1.2844	3.329	1.0001	4.1043	1.00008
3400	-1.6824	-0.5873	4.1461	1.2824	3.377	1.0002	4.1175	1.00013
3500	-1.6375	-0.5297	4.1600	1.2799	3.423	1.0002	4.1299	1.00020
3600	-1.5935	-0.4734	4.1737	1.2770	3.468	1.0003	4.1434	1.00030
3700	-1.5500	-0.4180	4.1870	1.2732	3.511	1.0005	4.1567	1.00043
3800	-1.5070	-0.3633	4.2001	1.2692	3.552	1.0007	4.1722	1.00062
3900	-1.4644	-0.3093	4.2131	1.2645	3.593	1.0009	4.1881	1.00086
4000	-1.4218	-0.2556	4.2258	1.2589	3.631	1.0012	4.2051	1.00118
4100	-1.3793	-0.2022	4.2385	1.2529	3.668	1.0016	4.2244	1.00159
4200	-1.3365	-0.1487	4.2512	1.2464	3.704	1.0022	4.2455	1.00210
4300	-1.2933	-0.0950	4.2639	1.2395	3.738	1.0028	4.2699	1.00272
4400	-1.2496	-0.0410	4.2765	1.2324	3.772	1.0036	4.2957	1.00349
4500	-1.2052	0.0136	4.2893	1.2251	3.805	1.0045	4.3256	1.00440
4600	-1.1600	0.0688	4.3020	1.2182	3.839	1.0056	4.3575	1.00548
4700	-1.1139	0.1247	4.3148	1.2113	3.872	1.0068	4.3929	1.00674
4800	-1.0669	0.1816	4.3278	1.2045	3.904	1.0083	4.4318	1.00819
4900	-1.0189	0.2392	4.3409	1.1984	3.938	1.0100	4.4743	1.00984
5000	-0.9699	0.2978	4.3541	1.1980	3.981	1.0118	4.5194	1.01169
5100	-0.9224	0.3548	4.3670	1.1925	4.016	1.0140	4.5649	1.01381
5200	-0.8715	0.4151	4.3803	1.1824	4.042	1.0163	4.6161	1.01608
5300	-0.8197	0.4763	4.3936	1.1779	4.078	1.0188	4.6704	1.01855
5400	-0.7670	0.5382	4.4070	1.1741	4.115	1.0215	4.7275	1.02122
5500	-0.7136	0.6008	4.4204	1.1709	4.153	1.0244	4.7870	1.02407
5600	-0.6597	0.6638	4.4338	1.1681	4.192	1.0274	4.8486	1.02712
5700	-0.6054	0.7272	4.4471	1.1658	4.232	1.0307	4.9119	1.03033
5800	-0.5507	0.7909	4.4604	1.1638	4.272	1.0341	4.9766	1.03373
5900	-0.4959	0.8546	4.4735	1.1622	4.314	1.0377	5.0425	1.03727
6000	-0.4410	0.9184	4.4865	1.1609	4.356	1.0415	5.1094	1.04096
6100	-0.3862	0.9820	4.4994	1.1600	4.398	1.0454	5.1766	1.04477
6200	-0.3315	1.0454	4.5121	1.1591	4.441	1.0494	5.2443	1.04870
6300	-0.2770	1.1086	4.5246	1.1585	4.484	1.0535	5.3123	1.05274
6400	-0.2228	1.1714	4.5370	1.1580	4.528	1.0577	5.3804	1.05686
6500	-0.1688	1.2338	4.5492	1.1576	4.571	1.0621	5.4483	1.06108
6600	-0.1152	1.2959	4.5612	1.1574	4.616	1.0665	5.5163	1.06536

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-0.0621	1.3574	4.5730	1.1573	4.660	1.0710	5.5838	1.06971
6800	-0.0094	1.4184	4.5846	1.1574	4.705	1.0756	5.6508	1.07412
6900	0.0427	1.4787	4.5960	1.1578	4.750	1.0802	5.7171	1.07857
7000	0.0942	1.5383	4.6072	1.1584	4.796	1.0849	5.7826	1.08307
7100	0.1450	1.5972	4.6182	1.1591	4.842	1.0897	5.8472	1.08761
7200	0.1952	1.6553	4.6290	1.1598	4.889	1.0945	5.9107	1.09217
7300	0.2446	1.7127	4.6395	1.1606	4.935	1.0994	5.9732	1.09676
7400	0.2934	1.7693	4.6499	1.1615	4.982	1.1043	6.0347	1.10136
7500	0.3414	1.8252	4.6600	1.1625	5.029	1.1093	6.0951	1.10598
7600	0.3889	1.8802	4.6700	1.1634	5.076	1.1143	6.1544	1.11061
7700	0.4354	1.9344	4.6798	1.1644	5.123	1.1194	6.2125	1.11523
7800	0.4813	1.9880	4.6893	1.1654	5.170	1.1245	6.2697	1.11986
7900	0.5266	2.0407	4.6987	1.1665	5.217	1.1296	6.3257	1.12447
8000	0.5712	2.0928	4.7080	1.1675	5.264	1.1348	6.3809	1.12907
8100	0.6151	2.1441	4.7171	1.1683	5.311	1.1400	6.4352	1.13364
8200	0.6585	2.1948	4.7260	1.1695	5.359	1.1452	6.4886	1.13820
8300	0.7011	2.2447	4.7347	1.1708	5.407	1.1505	6.5411	1.14273
8400	0.7431	2.2939	4.7433	1.1721	5.455	1.1558	6.5926	1.14723
8500	0.7845	2.3424	4.7518	1.1736	5.504	1.1612	6.6433	1.15172
8600	0.8253	2.3903	4.7601	1.1751	5.552	1.1666	6.6931	1.15617
8700	0.8653	2.4374	4.7683	1.1766	5.601	1.1720	6.7420	1.16059
8800	0.9048	2.4838	4.7764	1.1783	5.651	1.1775	6.7900	1.16499
8900	0.9436	2.5296	4.7843	1.1804	5.701	1.1831	6.8372	1.16935
9000	0.9817	2.5747	4.7921	1.1823	5.751	1.1887	6.8835	1.17369
9100	1.0193	2.6191	4.7997	1.1840	5.801	1.1944	6.9290	1.17798
9200	1.0562	2.6629	4.8072	1.1860	5.852	1.2002	6.9734	1.18224
9300	1.0925	2.7059	4.8146	1.1885	5.904	1.2060	7.0170	1.18648
9400	1.1282	2.7484	4.8219	1.1913	5.957	1.2119	7.0599	1.19068
9500	1.1632	2.7902	4.8291	1.1942	6.011	1.2180	7.1021	1.19486
9600	1.1977	2.8314	4.8362	1.1967	6.064	1.2241	7.1434	1.19902
9700	1.2315	2.8719	4.8431	1.1989	6.117	1.2303	7.1837	1.20315
9800	1.2648	2.9118	4.8500	1.2017	6.171	1.2366	7.2235	1.20723
9900	1.2975	2.9512	4.8567	1.2043	6.225	1.2430	7.2625	1.21126
10000	1.3298	2.9901	4.8634	1.2068	6.279	1.2495	7.3009	1.21524
10100	1.3615	3.0285	4.8699	1.2047	6.322	1.2561	7.3388	1.21915
10200	1.3949	3.0686	4.8771	1.2074	6.378	1.2632	7.3881	1.22317
10300	1.4256	3.1059	4.8835	1.2155	6.448	1.2700	7.4246	1.22702
10400	1.4558	3.1426	4.8899	1.2195	6.507	1.2769	7.4602	1.23080
10500	1.4853	3.1786	4.8960	1.2228	6.566	1.2839	7.4954	1.23453
10600	1.5146	3.2145	4.9021	1.2261	6.624	1.2912	7.5301	1.23823
10700	1.5433	3.2497	4.9082	1.2300	6.685	1.2985	7.5645	1.24187
10800	1.5715	3.2845	4.9141	1.2337	6.746	1.3060	7.5978	1.24542
10900	1.5993	3.3188	4.9200	1.2370	6.806	1.3137	7.6314	1.24899
11000	1.6266	3.3527	4.9259	1.2404	6.866	1.3214	7.6640	1.25248
11100	1.6535	3.3860	4.9316	1.2450	6.931	1.3293	7.6961	1.25591
11200	1.6799	3.4189	4.9373	1.2495	6.996	1.3374	7.7285	1.25936
11300	1.7057	3.4513	4.9429	1.2543	7.062	1.3456	7.7594	1.26265
11400	1.7312	3.4833	4.9485	1.2582	7.126	1.3540	7.7908	1.26596
11500	1.7565	3.5152	4.9540	1.2629	7.194	1.3627	7.8220	1.26923
11600	1.7810	3.5462	4.9595	1.2677	7.262	1.3714	7.8523	1.27240
11700	1.8054	3.5772	4.9649	1.2711	7.327	1.3804	7.8825	1.27554
11800	1.8293	3.6076	4.9702	1.2756	7.395	1.3894	7.9122	1.27864
11900	1.8529	3.6378	4.9755	1.2809	7.467	1.3987	7.9423	1.28174
12000	1.8760	3.6674	4.9807	1.2861	7.538	1.4081	7.9712	1.28471
12100	1.8988	3.6968	4.9859	1.2912	7.611	1.4178	8.0004	1.28767

S/R= 34.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	1.9211	3.7257	4.9910	1.2963	7.684	1.4276	8.0295	1.29058
12300	1.9433	3.7545	4.9962	1.3018	7.759	1.4378	8.0588	1.29349
12400	1.9649	3.7827	5.0012	1.3072	7.834	1.4480	8.0871	1.29628
12500	1.9863	3.8107	5.0062	1.3119	7.908	1.4585	8.1159	1.29906
12600	2.0074	3.8384	5.0112	1.3175	7.986	1.4691	8.1442	1.30178
12700	2.0280	3.8656	5.0161	1.3223	8.061	1.4798	8.1723	1.30448
12800	2.0483	3.8925	5.0210	1.3264	8.135	1.4907	8.1999	1.30709
12900	2.0685	3.9194	5.0259	1.3324	8.216	1.5019	8.2280	1.30970
13000	2.0883	3.9458	5.0307	1.3381	8.297	1.5133	8.2564	1.31231
13100	2.1078	3.9719	5.0355	1.3426	8.375	1.5249	8.2843	1.31481
13200	2.1270	3.9978	5.0403	1.3491	8.459	1.5367	8.3120	1.31727
13300	2.1458	4.0232	5.0450	1.3539	8.539	1.5486	8.3401	1.31973
13400	2.1646	4.0487	5.0498	1.3586	8.620	1.5609	8.3685	1.32216
13500	2.1828	4.0735	5.0544	1.3638	8.703	1.5731	8.3964	1.32452
13600	2.2011	4.0985	5.0591	1.3678	8.783	1.5857	8.4249	1.32688
13700	2.2190	4.1231	5.0638	1.3725	8.865	1.5985	8.4536	1.32924
13800	2.2368	4.1474	5.0684	1.3752	8.942	1.6113	8.4825	1.33158
13900	2.2545	4.1718	5.0730	1.3781	9.021	1.6246	8.5119	1.33393
14000	2.2719	4.1958	5.0776	1.3809	9.099	1.6377	8.5411	1.33622
14100	2.2892	4.2197	5.0823	1.3824	9.174	1.6511	8.5713	1.33860
14200	2.3064	4.2436	5.0869	1.3820	9.242	1.6645	8.6018	1.34098
14300	2.3237	4.2674	5.0915	1.3808	9.308	1.6781	8.6324	1.34337
14400	2.3408	4.2910	5.0961	1.3787	9.371	1.6916	8.6639	1.34583
14500	2.3579	4.3146	5.1007	1.3738	9.424	1.7051	8.6960	1.34837
14600	2.3752	4.3383	5.1053	1.3661	9.467	1.7185	8.7291	1.35103
14700	2.3928	4.3623	5.1100	1.3614	9.520	1.7320	8.7641	1.35394

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.0763	-6.5127	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.3234	-5.4588	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.8829	-4.8422	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.5695	-4.4038	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.3238	-4.0612	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.1190	-3.7773	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-3.9410	-3.5323	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.7822	-3.3155	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.6380	-3.1201	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.5054	-2.9416	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.3831	-2.7779	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.2692	-2.6262	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.1625	-2.4848	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-3.0624	-2.3525	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-2.9679	-2.2280	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-2.8786	-2.1107	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.7939	-1.9997	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.7134	-1.8943	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-2.6367	-1.7942	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.5578	-1.6932	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.4871	-1.6013	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-2.4194	-1.5133	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.3543	-1.4290	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.2917	-1.3479	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.2315	-1.2699	3.9991	1.2938	2.908	1.0000	3.9919	1.00000

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-2.1734	-1.1948	4.0179	1.2927	2.965	1.0000	4.0079	1.00000
2700	-2.1173	-1.1223	4.0359	1.2915	3.020	1.0000	4.0228	1.00000
2800	-2.0630	-1.0522	4.0533	1.2907	3.074	1.0000	4.0381	1.00001
2900	-2.0105	-0.9845	4.0701	1.2897	3.127	1.0000	4.0521	1.00001
3000	-1.9595	-0.9188	4.0862	1.2884	3.179	1.0000	4.0654	1.00002
3100	-1.9101	-0.8551	4.1019	1.2872	3.230	1.0000	4.0791	1.00003
3200	-1.8619	-0.7931	4.1171	1.2856	3.280	1.0001	4.0917	1.00005
3300	-1.8149	-0.7328	4.1318	1.2840	3.329	1.0001	4.1046	1.00009
3400	-1.7691	-0.6739	4.1462	1.2819	3.376	1.0002	4.1180	1.00014
3500	-1.7240	-0.6163	4.1601	1.2793	3.422	1.0003	4.1305	1.00022
3600	-1.6799	-0.5598	4.1738	1.2761	3.467	1.0004	4.1444	1.00033
3700	-1.6362	-0.5042	4.1871	1.2720	3.509	1.0005	4.1581	1.00048
3800	-1.5930	-0.4493	4.2004	1.2678	3.551	1.0007	4.1742	1.00068
3900	-1.5500	-0.3949	4.2134	1.2626	3.590	1.0010	4.1908	1.00095
4000	-1.5071	-0.3408	4.2262	1.2566	3.628	1.0013	4.2086	1.00130
4100	-1.4640	-0.2869	4.2390	1.2502	3.664	1.0018	4.2290	1.00175
4200	-1.4207	-0.2328	4.2518	1.2433	3.700	1.0024	4.2514	1.00231
4300	-1.3768	-0.1784	4.2646	1.2360	3.734	1.0031	4.2773	1.00300
4400	-1.3323	-0.1235	4.2774	1.2287	3.767	1.0039	4.3050	1.00384
4500	-1.2869	-0.0680	4.2904	1.2212	3.800	1.0049	4.3369	1.00484
4600	-1.2407	-0.0117	4.3033	1.2140	3.833	1.0061	4.3711	1.00601
4700	-1.1935	0.0454	4.3164	1.2071	3.866	1.0075	4.4089	1.00738
4800	-1.1452	0.1035	4.3297	1.2003	3.899	1.0091	4.4506	1.00896
4900	-1.0959	0.1626	4.3430	1.1942	3.933	1.0109	4.4961	1.01075
5000	-1.0455	0.2226	4.3564	1.1935	3.976	1.0129	4.5443	1.01274
5100	-0.9965	0.2812	4.3697	1.1881	4.011	1.0152	4.5930	1.01503
5200	-0.9441	0.3431	4.3832	1.1785	4.038	1.0176	4.6475	1.01747
5300	-0.8907	0.4059	4.3969	1.1741	4.075	1.0203	4.7053	1.02011
5400	-0.8365	0.4695	4.4105	1.1705	4.112	1.0232	4.7657	1.02296
5500	-0.7816	0.5336	4.4242	1.1675	4.151	1.0262	4.8286	1.02601
5600	-0.7261	0.5983	4.4378	1.1649	4.191	1.0295	4.8935	1.02924
5700	-0.6703	0.6633	4.4514	1.1627	4.231	1.0330	4.9600	1.03265
5800	-0.6142	0.7285	4.4648	1.1609	4.272	1.0366	5.0279	1.03623
5900	-0.5579	0.7937	4.4782	1.1594	4.314	1.0404	5.0969	1.03998
6000	-0.5016	0.8590	4.4914	1.1583	4.357	1.0443	5.1667	1.04386
6100	-0.4454	0.9240	4.5044	1.1575	4.400	1.0484	5.2368	1.04786
6200	-0.3895	0.9888	4.5173	1.1568	4.443	1.0526	5.3072	1.05197
6300	-0.3337	1.0532	4.5299	1.1562	4.487	1.0569	5.3778	1.05619
6400	-0.2783	1.1173	4.5424	1.1558	4.531	1.0613	5.4483	1.06050
6500	-0.2233	1.1809	4.5547	1.1556	4.575	1.0658	5.5187	1.06490
6600	-0.1686	1.2441	4.5669	1.1554	4.620	1.0704	5.5888	1.06936
6700	-0.1144	1.3067	4.5788	1.1554	4.665	1.0750	5.6584	1.07388
6800	-0.0608	1.3687	4.5905	1.1557	4.710	1.0798	5.7274	1.07846
6900	-0.0078	1.4299	4.6019	1.1561	4.756	1.0845	5.7956	1.08308
7000	0.0446	1.4905	4.6132	1.1567	4.803	1.0894	5.8629	1.08774
7100	0.0962	1.5502	4.6243	1.1574	4.849	1.0943	5.9291	1.09243
7200	0.1472	1.6092	4.6351	1.1582	4.896	1.0993	5.9942	1.09715
7300	0.1974	1.6674	4.6457	1.1591	4.943	1.1043	6.0583	1.10189
7400	0.2469	1.7247	4.6561	1.1599	4.990	1.1093	6.1211	1.10664
7500	0.2956	1.7813	4.6662	1.1609	5.037	1.1144	6.1828	1.11141
7600	0.3436	1.8370	4.6762	1.1620	5.085	1.1195	6.2433	1.11617
7700	0.3908	1.8919	4.6860	1.1630	5.132	1.1247	6.3027	1.12094
7800	0.4373	1.9460	4.6956	1.1640	5.179	1.1299	6.3609	1.12570
7900	0.4831	1.9994	4.7050	1.1650	5.227	1.1351	6.4179	1.13044
8000	0.5283	2.0520	4.7143	1.1660	5.274	1.1404	6.4741	1.13517

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	0.5727	2.1039	4.7233	1.1669	5.321	1.1456	6.5292	1.13987
8200	0.6165	2.1550	4.7323	1.1681	5.369	1.1510	6.5835	1.14455
8300	0.6596	2.2054	4.7410	1.1693	5.417	1.1563	6.6367	1.14921
8400	0.7021	2.2551	4.7496	1.1705	5.465	1.1617	6.6889	1.15383
8500	0.7439	2.3040	4.7581	1.1721	5.514	1.1671	6.7402	1.15842
8600	0.7850	2.3522	4.7664	1.1736	5.563	1.1725	6.7907	1.16299
8700	0.8255	2.3997	4.7746	1.1750	5.612	1.1780	6.8401	1.16752
8800	0.8653	2.4465	4.7826	1.1765	5.661	1.1836	6.8887	1.17203
8900	0.9044	2.4926	4.7905	1.1785	5.711	1.1891	6.9363	1.17650
9000	0.9429	2.5381	4.7983	1.1806	5.762	1.1948	6.9830	1.18094
9100	0.9808	2.5828	4.8059	1.1824	5.812	1.2005	7.0289	1.18534
9200	1.0180	2.6269	4.8134	1.1842	5.862	1.2063	7.0738	1.18970
9300	1.0546	2.6703	4.8208	1.1864	5.914	1.2121	7.1177	1.19404
9400	1.0906	2.7130	4.8281	1.1890	5.966	1.2180	7.1608	1.19834
9500	1.1260	2.7550	4.8352	1.1919	6.020	1.2240	7.2032	1.20262
9600	1.1607	2.7965	4.8423	1.1947	6.074	1.2301	7.2447	1.20687
9700	1.1947	2.8372	4.8492	1.1969	6.126	1.2363	7.2855	1.21110
9800	1.2283	2.8774	4.8561	1.1990	6.179	1.2425	7.3253	1.21527
9900	1.2613	2.9170	4.8628	1.2015	6.233	1.2488	7.3644	1.21940
10000	1.2938	2.9561	4.8694	1.2039	6.286	1.2552	7.4028	1.22347
10100	1.3258	2.9947	4.8759	1.2017	6.328	1.2617	7.4407	1.22746
10200	1.3594	3.0349	4.8831	1.2049	6.385	1.2687	7.4900	1.23158
10300	1.3903	3.0724	4.8894	1.2129	6.455	1.2755	7.5267	1.23551
10400	1.4207	3.1093	4.8957	1.2162	6.512	1.2823	7.5623	1.23938
10500	1.4504	3.1455	4.9019	1.2191	6.569	1.2892	7.5974	1.24320
10600	1.4800	3.1815	4.9079	1.2222	6.627	1.2962	7.6320	1.24697
10700	1.5088	3.2169	4.9140	1.2260	6.687	1.3034	7.6662	1.25070
10800	1.5373	3.2518	4.9199	1.2295	6.746	1.3107	7.6993	1.25433
10900	1.5653	3.2863	4.9258	1.2336	6.808	1.3182	7.7327	1.25798
11000	1.5928	3.3203	4.9316	1.2370	6.869	1.3259	7.7654	1.26155
11100	1.6198	3.3537	4.9373	1.2404	6.929	1.3336	7.7974	1.26506
11200	1.6464	3.3868	4.9430	1.2445	6.992	1.3415	7.8295	1.26859
11300	1.6724	3.4192	4.9485	1.2490	7.057	1.3494	7.8600	1.27195
11400	1.6981	3.4514	4.9540	1.2527	7.120	1.3576	7.8910	1.27533
11500	1.7236	3.4833	4.9595	1.2574	7.187	1.3660	7.9218	1.27868
11600	1.7483	3.5145	4.9649	1.2623	7.254	1.3745	7.9518	1.28193
11700	1.7729	3.5456	4.9703	1.2665	7.321	1.3832	7.9817	1.28515
11800	1.7969	3.5761	4.9756	1.2707	7.388	1.3921	8.0114	1.28832
11900	1.8207	3.6064	4.9809	1.2747	7.455	1.4011	8.0410	1.29149
12000	1.8439	3.6360	4.9860	1.2795	7.524	1.4102	8.0694	1.29453
12100	1.8669	3.6654	4.9912	1.2843	7.595	1.4195	8.0981	1.29757
12200	1.8895	3.6945	4.9963	1.2893	7.667	1.4290	8.1267	1.30054
12300	1.9118	3.7233	5.0013	1.2945	7.740	1.4388	8.1554	1.30352
12400	1.9336	3.7516	5.0063	1.2998	7.814	1.4487	8.1831	1.30637
12500	1.9552	3.7797	5.0113	1.3047	7.888	1.4588	8.2113	1.30923
12600	1.9764	3.8074	5.0163	1.3112	7.967	1.4691	8.2393	1.31202
12700	1.9971	3.8346	5.0212	1.3158	8.041	1.4796	8.2672	1.31479
12800	2.0176	3.8616	5.0260	1.3184	8.109	1.4901	8.2942	1.31746
12900	2.0379	3.8885	5.0308	1.3242	8.188	1.5010	8.3216	1.32014
13000	2.0579	3.9150	5.0356	1.3297	8.267	1.5119	8.3492	1.32280
13100	2.0775	3.9412	5.0403	1.3341	8.343	1.5231	8.3763	1.32537
13200	2.0969	3.9670	5.0450	1.3404	8.426	1.5344	8.4034	1.32789
13300	2.1158	3.9925	5.0497	1.3451	8.504	1.5459	8.4305	1.33041
13400	2.1348	4.0180	5.0544	1.3498	8.584	1.5577	8.4582	1.33290
13500	2.1532	4.0429	5.0590	1.3552	8.665	1.5696	8.4852	1.33531

S/R= 34.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	2.1716	4.0678	5.0636	1.3593	8.744	1.5817	8.5128	1.33772
13700	2.1896	4.0924	5.0682	1.3641	8.826	1.5940	8.5406	1.34013
13800	2.2074	4.1168	5.0728	1.3670	8.902	1.6064	8.5686	1.34251
13900	2.2253	4.1412	5.0774	1.3701	8.980	1.6192	8.5971	1.34491
14000	2.2427	4.1651	5.0819	1.3736	9.059	1.6319	8.6253	1.34724
14100	2.2601	4.1890	5.0865	1.3756	9.134	1.6448	8.6543	1.34964
14200	2.2774	4.2128	5.0910	1.3758	9.203	1.6579	8.6838	1.35205
14300	2.2946	4.2365	5.0955	1.3754	9.271	1.6710	8.7133	1.35444
14400	2.3117	4.2600	5.1001	1.3744	9.336	1.6842	8.7435	1.35690
14500	2.3288	4.2835	5.1046	1.3709	9.393	1.6973	8.7744	1.35942
14600	2.3460	4.3070	5.1091	1.3648	9.441	1.7104	8.8060	1.36204
14700	2.3634	4.3308	5.1137	1.3556	9.477	1.7236	8.8394	1.36487
14800	2.3810	4.3545	5.1184	1.3427	9.499	1.7363	8.8735	1.36785
14900	2.3990	4.3786	5.1231	1.3352	9.538	1.7488	8.9105	1.37125

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.1631	-6.5995	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.4102	-5.5456	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-4.9697	-4.9290	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.6563	-4.4907	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.4107	-4.1481	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.2059	-3.8641	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.0279	-3.6192	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.8690	-3.4023	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.7248	-3.2070	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.5922	-3.0285	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.4699	-2.8648	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.3560	-2.7131	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.2494	-2.5717	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-3.1492	-2.4393	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.0548	-2.3149	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-2.9655	-2.1976	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.8808	-2.0865	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.8003	-1.9812	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.7236	-1.8810	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.6447	-1.7801	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.5740	-1.6882	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-2.5062	-1.6002	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.4412	-1.5158	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-2.3786	-1.4348	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-2.3183	-1.3568	3.9991	1.2938	2.908	1.0000	3.9919	1.00000
2600	-2.2603	-1.2817	4.0179	1.2928	2.965	1.0000	4.0078	1.00000
2700	-2.2041	-1.2092	4.0359	1.2914	3.020	1.0000	4.0228	1.00000
2800	-2.1498	-1.1391	4.0533	1.2907	3.074	1.0000	4.0381	1.00001
2900	-2.0973	-1.0713	4.0701	1.2897	3.127	1.0000	4.0522	1.00001
3000	-2.0464	-1.0056	4.0862	1.2883	3.179	1.0000	4.0654	1.00002
3100	-1.9969	-0.9419	4.1019	1.2870	3.230	1.0000	4.0792	1.00004
3200	-1.9486	-0.8799	4.1171	1.2854	3.280	1.0001	4.0919	1.00006
3300	-1.9016	-0.8195	4.1318	1.2837	3.328	1.0001	4.1049	1.00010
3400	-1.8557	-0.7605	4.1462	1.2812	3.375	1.0002	4.1185	1.00016
3500	-1.8105	-0.7028	4.1602	1.2785	3.421	1.0003	4.1313	1.00024
3600	-1.7662	-0.6461	4.1739	1.2751	3.465	1.0004	4.1455	1.00036
3700	-1.7223	-0.5903	4.1873	1.2706	3.507	1.0006	4.1597	1.00053

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-1.6788	-0.5351	4.2006	1.2661	3.548	1.0008	4.1764	1.00075
3900	-1.6356	-0.4804	4.2137	1.2606	3.588	1.0011	4.1938	1.00105
4000	-1.5922	-0.4259	4.2266	1.2542	3.625	1.0015	4.2125	1.00144
4100	-1.5486	-0.3714	4.2395	1.2474	3.661	1.0020	4.2341	1.00193
4200	-1.5046	-0.3166	4.2524	1.2400	3.695	1.0026	4.2579	1.00254
4300	-1.4599	-0.2614	4.2655	1.2324	3.729	1.0033	4.2855	1.00330
4400	-1.4146	-0.2057	4.2784	1.2248	3.762	1.0043	4.3151	1.00422
4500	-1.3682	-0.1491	4.2916	1.2171	3.795	1.0054	4.3492	1.00531
4600	-1.3209	-0.0916	4.3048	1.2098	3.827	1.0067	4.3858	1.00659
4700	-1.2724	-0.0332	4.3182	1.2028	3.860	1.0082	4.4264	1.00808
4800	-1.2229	0.0263	4.3316	1.1959	3.894	1.0099	4.4710	1.00979
4900	-1.1721	0.0868	4.3453	1.1899	3.928	1.0118	4.5195	1.01173
5000	-1.1202	0.1484	4.3590	1.1890	3.970	1.0140	4.5710	1.01388
5100	-1.0696	0.2086	4.3725	1.1837	4.006	1.0165	4.6232	1.01634
5200	-1.0157	0.2722	4.3864	1.1747	4.035	1.0191	4.6812	1.01895
5300	-0.9607	0.3366	4.4003	1.1705	4.072	1.0219	4.7424	1.02178
5400	-0.9048	0.4019	4.4142	1.1671	4.110	1.0250	4.8063	1.02482
5500	-0.8484	0.4677	4.4281	1.1642	4.149	1.0283	4.8726	1.02806
5600	-0.7913	0.5340	4.4420	1.1618	4.190	1.0317	4.9408	1.03149
5700	-0.7340	0.6006	4.4558	1.1598	4.231	1.0354	5.0107	1.03509
5800	-0.6764	0.6674	4.4694	1.1582	4.272	1.0392	5.0818	1.03887
5900	-0.6187	0.7341	4.4830	1.1568	4.315	1.0432	5.1539	1.04281
6000	-0.5610	0.8008	4.4964	1.1558	4.358	1.0473	5.2267	1.04689
6100	-0.5035	0.8673	4.5096	1.1552	4.402	1.0515	5.2996	1.05108
6200	-0.4462	0.9334	4.5226	1.1546	4.446	1.0559	5.3728	1.05538
6300	-0.3893	0.9991	4.5354	1.1541	4.490	1.0604	5.4459	1.05979
6400	-0.3327	1.0644	4.5480	1.1538	4.535	1.0650	5.5189	1.06429
6500	-0.2765	1.1292	4.5604	1.1536	4.580	1.0696	5.5916	1.06886
6600	-0.2208	1.1935	4.5727	1.1536	4.625	1.0744	5.6639	1.07349
6700	-0.1656	1.2571	4.5847	1.1537	4.671	1.0792	5.7356	1.07819
6800	-0.1110	1.3201	4.5964	1.1540	4.717	1.0841	5.8065	1.08294
6900	-0.0571	1.3824	4.6080	1.1545	4.763	1.0890	5.8765	1.08772
7000	-0.0039	1.4438	4.6193	1.1552	4.810	1.0940	5.9455	1.09255
7100	0.0485	1.5044	4.6304	1.1558	4.857	1.0991	6.0134	1.09739
7200	0.1002	1.5642	4.6412	1.1568	4.904	1.1042	6.0801	1.10227
7300	0.1512	1.6232	4.6519	1.1577	4.951	1.1093	6.1455	1.10716
7400	0.2013	1.6812	4.6623	1.1585	4.999	1.1145	6.2097	1.11206
7500	0.2507	1.7385	4.6725	1.1595	5.046	1.1197	6.2727	1.11697
7600	0.2993	1.7949	4.6825	1.1605	5.094	1.1249	6.3344	1.12187
7700	0.3472	1.8504	4.6923	1.1617	5.142	1.1302	6.3948	1.12677
7800	0.3942	1.9051	4.7019	1.1627	5.189	1.1355	6.4541	1.13167
7900	0.4406	1.9590	4.7114	1.1636	5.237	1.1408	6.5122	1.13655
8000	0.4862	2.0122	4.7206	1.1646	5.284	1.1461	6.5692	1.14140
8100	0.5312	2.0645	4.7297	1.1656	5.332	1.1515	6.6252	1.14623
8200	0.5754	2.1161	4.7386	1.1669	5.380	1.1569	6.6802	1.15103
8300	0.6190	2.1670	4.7474	1.1679	5.428	1.1623	6.7343	1.15580
8400	0.6619	2.2171	4.7560	1.1691	5.476	1.1677	6.7871	1.16054
8500	0.7041	2.2664	4.7644	1.1706	5.525	1.1732	6.8390	1.16525
8600	0.7456	2.3151	4.7727	1.1723	5.575	1.1787	6.8900	1.16993
8700	0.7864	2.3629	4.7809	1.1737	5.623	1.1842	6.9402	1.17458
8800	0.8265	2.4101	4.7889	1.1750	5.672	1.1898	6.9891	1.17919
8900	0.8660	2.4565	4.7968	1.1768	5.722	1.1954	7.0371	1.18376
9000	0.9049	2.5023	4.8045	1.1789	5.773	1.2011	7.0842	1.18831
9100	0.9430	2.5473	4.8122	1.1808	5.823	1.2068	7.1305	1.19282
9200	0.9806	2.5917	4.8197	1.1827	5.874	1.2126	7.1757	1.19728

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	1.0175	2.6353	4.8270	1.1846	5.925	1.2184	7.2200	1.20172
9400	1.0537	2.6783	4.8343	1.1870	5.977	1.2243	7.2634	1.20611
9500	1.0893	2.7206	4.8414	1.1897	6.030	1.2302	7.3059	1.21049
9600	1.1243	2.7623	4.8484	1.1925	6.084	1.2363	7.3475	1.21483
9700	1.1586	2.8033	4.8553	1.1950	6.137	1.2425	7.3885	1.21915
9800	1.1924	2.8437	4.8621	1.1971	6.189	1.2487	7.4287	1.22342
9900	1.2257	2.8835	4.8688	1.1991	6.242	1.2550	7.4680	1.22764
10000	1.2584	2.9228	4.8754	1.2011	6.294	1.2613	7.5064	1.23180
10100	1.2906	2.9616	4.8819	1.1990	6.336	1.2677	7.5443	1.23588
10200	1.3244	3.0020	4.8890	1.2021	6.393	1.2746	7.5934	1.24008
10300	1.3556	3.0396	4.8954	1.2103	6.463	1.2812	7.6301	1.24411
10400	1.3862	3.0767	4.9016	1.2137	6.520	1.2880	7.6659	1.24806
10500	1.4161	3.1131	4.9077	1.2161	6.575	1.2948	7.7010	1.25196
10600	1.4458	3.1492	4.9138	1.2187	6.631	1.3017	7.7354	1.25582
10700	1.4749	3.1847	4.9198	1.2222	6.690	1.3088	7.7695	1.25963
10800	1.5035	3.2198	4.9256	1.2257	6.749	1.3159	7.8023	1.26333
10900	1.5317	3.2544	4.9315	1.2296	6.810	1.3232	7.8356	1.26706
11000	1.5594	3.2885	4.9373	1.2335	6.871	1.3307	7.8681	1.27072
11100	1.5866	3.3221	4.9429	1.2372	6.933	1.3383	7.8999	1.27430
11200	1.6134	3.3552	4.9486	1.2403	6.993	1.3461	7.9321	1.27791
11300	1.6396	3.3878	4.9541	1.2442	7.055	1.3538	7.9622	1.28134
11400	1.6654	3.4200	4.9596	1.2478	7.117	1.3617	7.9929	1.28480
11500	1.6911	3.4521	4.9651	1.2522	7.182	1.3699	8.0233	1.28822
11600	1.7160	3.4833	4.9704	1.2569	7.249	1.3781	8.0529	1.29155
11700	1.7407	3.5145	4.9757	1.2610	7.314	1.3866	8.0824	1.29483
11800	1.7649	3.5450	4.9810	1.2660	7.383	1.3952	8.1117	1.29808
11900	1.7889	3.5754	4.9862	1.2702	7.450	1.4041	8.1413	1.30132
12000	1.8122	3.6051	4.9914	1.2738	7.515	1.4129	8.1693	1.30443
12100	1.8354	3.6347	4.9965	1.2780	7.583	1.4219	8.1976	1.30754
12200	1.8581	3.6638	5.0015	1.2827	7.653	1.4311	8.2256	1.31059
12300	1.8806	3.6927	5.0066	1.2877	7.725	1.4406	8.2538	1.31363
12400	1.9026	3.7210	5.0115	1.2929	7.797	1.4501	8.2810	1.31655
12500	1.9243	3.7491	5.0164	1.2977	7.869	1.4599	8.3085	1.31947
12600	1.9456	3.7769	5.0213	1.3039	7.947	1.4699	8.3359	1.32233
12700	1.9665	3.8042	5.0262	1.3091	8.022	1.4800	8.3632	1.32517
12800	1.9871	3.8312	5.0310	1.3125	8.092	1.4903	8.3900	1.32791
12900	2.0076	3.8582	5.0357	1.3171	8.166	1.5009	8.4170	1.33065
13000	2.0277	3.8846	5.0405	1.3218	8.241	1.5114	8.4440	1.33338
13100	2.0475	3.9109	5.0452	1.3261	8.316	1.5222	8.4703	1.33601
13200	2.0670	3.9368	5.0498	1.3322	8.396	1.5331	8.4966	1.33860
13300	2.0861	3.9623	5.0544	1.3368	8.473	1.5442	8.5230	1.34117
13400	2.1052	3.9878	5.0591	1.3415	8.551	1.5556	8.5498	1.34371
13500	2.1237	4.0127	5.0636	1.3468	8.632	1.5670	8.5760	1.34618
13600	2.1422	4.0377	5.0682	1.3511	8.710	1.5787	8.6027	1.34865
13700	2.1604	4.0623	5.0727	1.3558	8.790	1.5906	8.6297	1.35111
13800	2.1783	4.0866	5.0772	1.3590	8.865	1.6026	8.6567	1.35354
13900	2.1962	4.1110	5.0817	1.3624	8.943	1.6149	8.6843	1.35598
14000	2.2137	4.1349	5.0862	1.3661	9.021	1.6272	8.7115	1.35834
14100	2.2312	4.1588	5.0907	1.3686	9.096	1.6397	8.7396	1.36078
14200	2.2485	4.1825	5.0952	1.3693	9.166	1.6524	8.7680	1.36321
14300	2.2658	4.2061	5.0996	1.3697	9.235	1.6651	8.7964	1.36562
14400	2.2829	4.2296	5.1041	1.3698	9.303	1.6778	8.8255	1.36809
14500	2.2999	4.2529	5.1086	1.3675	9.363	1.6906	8.8550	1.37059
14600	2.3170	4.2763	5.1130	1.3629	9.414	1.7034	8.8853	1.37317
14700	2.3344	4.2998	5.1175	1.3557	9.457	1.7162	8.9172	1.37595

S/R= 34.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	2.3517	4.3233	5.1221	1.3452	9.487	1.7287	8.9495	1.37883
14900	2.3695	4.3471	5.1267	1.3288	9.494	1.7411	8.9845	1.38208
15000	2.3879	4.3713	5.1314	1.3189	9.523	1.7529	9.0215	1.38569

S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.2500	-6.6864	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.4971	-5.6325	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.0566	-5.0159	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.7432	-4.5775	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.4975	-4.2350	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.2927	-3.9510	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.1147	-3.7060	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-3.9559	-3.4892	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.8117	-3.2938	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.6791	-3.1153	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.5568	-2.9516	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.4429	-2.7999	3.6453	1.3290	2.042	1.0000	3.6824	1.00000
1300	-3.3363	-2.6585	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-3.2361	-2.5262	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.1416	-2.4018	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-3.0523	-2.2844	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-2.9676	-2.1734	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.8871	-2.0681	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-2.8104	-1.9679	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.7315	-1.8669	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.6608	-1.7750	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-2.5931	-1.6871	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.5280	-1.6027	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-2.4654	-1.5216	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-2.4052	-1.4436	3.9991	1.2938	2.908	1.0000	3.9919	1.00000
2600	-2.3471	-1.3685	4.0179	1.2928	2.965	1.0000	4.0079	1.00000
2700	-2.2910	-1.2960	4.0359	1.2914	3.020	1.0000	4.0228	1.00000
2800	-2.2367	-1.2259	4.0533	1.2907	3.074	1.0000	4.0382	1.00001
2900	-2.1842	-1.1582	4.0701	1.2897	3.127	1.0000	4.0522	1.00001
3000	-2.1332	-1.0924	4.0862	1.2882	3.179	1.0000	4.0655	1.00003
3100	-2.0837	-1.0287	4.1020	1.2868	3.230	1.0001	4.0794	1.00004
3200	-2.0354	-0.9666	4.1171	1.2852	3.279	1.0001	4.0921	1.00007
3300	-1.9883	-0.9062	4.1319	1.2832	3.328	1.0001	4.1053	1.00012
3400	-1.9423	-0.8471	4.1463	1.2807	3.375	1.0002	4.1191	1.00018
3500	-1.8970	-0.7892	4.1602	1.2776	3.420	1.0003	4.1322	1.00027
3600	-1.8525	-0.7324	4.1740	1.2739	3.464	1.0004	4.1467	1.00040
3700	-1.8084	-0.6764	4.1874	1.2692	3.505	1.0006	4.1614	1.00058
3800	-1.7646	-0.6208	4.2008	1.2643	3.546	1.0009	4.1788	1.00083
3900	-1.7209	-0.5658	4.2140	1.2584	3.585	1.0012	4.1970	1.00116
4000	-1.6771	-0.5107	4.2270	1.2516	3.621	1.0016	4.2168	1.00159
4100	-1.6329	-0.4556	4.2401	1.2444	3.657	1.0022	4.2397	1.00213
4200	-1.5882	-0.4001	4.2532	1.2365	3.690	1.0028	4.2650	1.00280
4300	-1.5427	-0.3441	4.2664	1.2288	3.724	1.0037	4.2945	1.00363
4400	-1.4964	-0.2874	4.2796	1.2209	3.757	1.0047	4.3261	1.00463
4500	-1.4490	-0.2297	4.2930	1.2129	3.789	1.0059	4.3626	1.00583
4600	-1.4005	-0.1710	4.3064	1.2055	3.822	1.0073	4.4019	1.00722
4700	-1.3507	-0.1112	4.3200	1.1984	3.855	1.0089	4.4454	1.00884
4800	-1.2997	-0.0502	4.3338	1.1917	3.888	1.0108	4.4930	1.01069

S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	-1.2475	0.0119	4.3477	1.1858	3.923	1.0129	4.5449	1.01278
5000	-1.1941	0.0751	4.3617	1.1846	3.965	1.0152	4.5997	1.01511
5100	-1.1418	0.1371	4.3755	1.1795	4.001	1.0178	4.6556	1.01774
5200	-1.0862	0.2023	4.3897	1.1710	4.031	1.0207	4.7172	1.02054
5300	-1.0295	0.2685	4.4039	1.1670	4.069	1.0237	4.7819	1.02356
5400	-0.9721	0.3354	4.4181	1.1637	4.108	1.0269	4.8494	1.02679
5500	-0.9140	0.4030	4.4323	1.1610	4.148	1.0304	4.9192	1.03023
5600	-0.8554	0.4710	4.4464	1.1588	4.189	1.0341	4.9909	1.03386
5700	-0.7965	0.5392	4.4604	1.1569	4.231	1.0379	5.0641	1.03766
5800	-0.7373	0.6075	4.4743	1.1555	4.273	1.0419	5.1385	1.04165
5900	-0.6782	0.6758	4.4880	1.1543	4.316	1.0461	5.2136	1.04578
6000	-0.6191	0.7440	4.5016	1.1535	4.360	1.0504	5.2894	1.05005
6100	-0.5603	0.8118	4.5149	1.1529	4.404	1.0548	5.3651	1.05444
6200	-0.5018	0.8793	4.5281	1.1525	4.449	1.0594	5.4410	1.05893
6300	-0.4436	0.9463	4.5410	1.1522	4.494	1.0641	5.5167	1.06353
6400	-0.3859	1.0128	4.5538	1.1519	4.539	1.0688	5.5921	1.06821
6500	-0.3286	1.0788	4.5663	1.1518	4.585	1.0737	5.6670	1.07296
6600	-0.2719	1.1441	4.5786	1.1519	4.631	1.0786	5.7415	1.07777
6700	-0.2157	1.2088	4.5906	1.1520	4.677	1.0836	5.8152	1.08264
6800	-0.1602	1.2728	4.6025	1.1524	4.723	1.0886	5.8880	1.08756
6900	-0.1054	1.3359	4.6141	1.1530	4.770	1.0937	5.9599	1.09250
7000	-0.0514	1.3983	4.6255	1.1537	4.817	1.0988	6.0305	1.09748
7100	0.0019	1.4597	4.6366	1.1544	4.864	1.1040	6.1000	1.10249
7200	0.0543	1.5203	4.6475	1.1554	4.912	1.1092	6.1681	1.10752
7300	0.1060	1.5800	4.6582	1.1564	4.960	1.1145	6.2350	1.11255
7400	0.1569	1.6388	4.6686	1.1573	5.008	1.1198	6.3005	1.11760
7500	0.2068	1.6967	4.6788	1.1582	5.055	1.1251	6.3648	1.12265
7600	0.2560	1.7537	4.6889	1.1592	5.103	1.1305	6.4275	1.12769
7700	0.3044	1.8099	4.6987	1.1604	5.152	1.1358	6.4890	1.13273
7800	0.3521	1.8651	4.7083	1.1615	5.200	1.1412	6.5493	1.13776
7900	0.3990	1.9196	4.7177	1.1624	5.247	1.1467	6.6084	1.14277
8000	0.4451	1.9732	4.7270	1.1633	5.295	1.1521	6.6663	1.14774
8100	0.4905	2.0261	4.7361	1.1644	5.343	1.1575	6.7230	1.15270
8200	0.5352	2.0782	4.7450	1.1656	5.392	1.1630	6.7788	1.15762
8300	0.5792	2.1295	4.7537	1.1668	5.440	1.1685	6.8335	1.16251
8400	0.6225	2.1800	4.7623	1.1678	5.488	1.1740	6.8871	1.16737
8500	0.6650	2.2297	4.7708	1.1693	5.537	1.1795	6.9396	1.17219
8600	0.7069	2.2787	4.7790	1.1709	5.586	1.1850	6.9911	1.17698
8700	0.7480	2.3270	4.7872	1.1724	5.635	1.1906	7.0417	1.18174
8800	0.7885	2.3745	4.7952	1.1737	5.684	1.1963	7.0912	1.18646
8900	0.8284	2.4212	4.8031	1.1754	5.734	1.2019	7.1397	1.19114
9000	0.8675	2.4673	4.8108	1.1773	5.784	1.2076	7.1871	1.19579
9100	0.9060	2.5126	4.8184	1.1792	5.835	1.2133	7.2336	1.20039
9200	0.9438	2.5572	4.8259	1.1812	5.886	1.2191	7.2793	1.20496
9300	0.9810	2.6012	4.8332	1.1832	5.937	1.2250	7.3239	1.20949
9400	1.0175	2.6444	4.8405	1.1853	5.988	1.2308	7.3675	1.21399
9500	1.0533	2.6870	4.8476	1.1877	6.041	1.2368	7.4103	1.21846
9600	1.0885	2.7288	4.8546	1.1904	6.094	1.2428	7.4521	1.22290
9700	1.1231	2.7701	4.8614	1.1928	6.147	1.2489	7.4931	1.22731
9800	1.1572	2.8107	4.8682	1.1953	6.201	1.2551	7.5334	1.23166
9900	1.1906	2.8507	4.8749	1.1973	6.253	1.2614	7.5730	1.23598
10000	1.2235	2.8902	4.8815	1.1988	6.304	1.2677	7.6115	1.24023
10100	1.2560	2.9291	4.8879	1.1965	6.345	1.2740	7.6494	1.24439
10200	1.2900	2.9697	4.8950	1.1995	6.401	1.2808	7.6984	1.24869
10300	1.3214	3.0075	4.9013	1.2075	6.471	1.2874	7.7350	1.25279

S/R= 34.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10400	1.3522	3.0448	4.9075	1.2112	6.529	1.2940	7.7708	1.25683
10500	1.3823	3.0813	4.9136	1.2138	6.584	1.3008	7.8059	1.26081
10600	1.4122	3.1176	4.9196	1.2158	6.639	1.3076	7.8404	1.26475
10700	1.4414	3.1532	4.9256	1.2188	6.695	1.3145	7.8743	1.26864
10800	1.4702	3.1883	4.9314	1.2220	6.753	1.3215	7.9070	1.27243
10900	1.4986	3.2231	4.9372	1.2259	6.814	1.3287	7.9400	1.27623
11000	1.5265	3.2573	4.9430	1.2297	6.874	1.3360	7.9723	1.27997
11100	1.5538	3.2910	4.9486	1.2336	6.936	1.3434	8.0039	1.28362
11200	1.5808	3.3243	4.9543	1.2373	6.997	1.3510	8.0359	1.28731
11300	1.6071	3.3569	4.9597	1.2405	7.057	1.3586	8.0660	1.29082
11400	1.6332	3.3892	4.9652	1.2431	7.116	1.3664	8.0963	1.29435
11500	1.6590	3.4214	4.9706	1.2474	7.180	1.3743	8.1265	1.29785
11600	1.6840	3.4527	4.9759	1.2519	7.245	1.3823	8.1556	1.30125
11700	1.7089	3.4839	4.9812	1.2559	7.310	1.3905	8.1847	1.30460
11800	1.7333	3.5146	4.9864	1.2608	7.377	1.3989	8.2135	1.30792
11900	1.7574	3.5450	4.9916	1.2653	7.445	1.4075	8.2427	1.31123
12000	1.7809	3.5748	4.9967	1.2696	7.511	1.4162	8.2706	1.31441
12100	1.8042	3.6044	5.0018	1.2730	7.576	1.4251	8.2987	1.31759
12200	1.8271	3.6336	5.0068	1.2766	7.642	1.4340	8.3261	1.32071
12300	1.8497	3.6626	5.0118	1.2815	7.713	1.4431	8.3537	1.32382
12400	1.8718	3.6909	5.0167	1.2865	7.784	1.4523	8.3804	1.32681
12500	1.8937	3.7191	5.0216	1.2909	7.854	1.4618	8.4075	1.32980
12600	1.9152	3.7469	5.0264	1.2970	7.930	1.4714	8.4342	1.33272
12700	1.9362	3.7743	5.0312	1.3022	8.004	1.4812	8.4609	1.33562
12800	1.9570	3.8013	5.0360	1.3058	8.073	1.4912	8.4871	1.33843
12900	1.9776	3.8283	5.0407	1.3112	8.149	1.5014	8.5136	1.34124
13000	1.9978	3.8548	5.0454	1.3153	8.222	1.5118	8.5405	1.34404
13100	2.0177	3.8811	5.0501	1.3185	8.292	1.5222	8.5661	1.34673
13200	2.0374	3.9070	5.0547	1.3246	8.371	1.5327	8.5917	1.34938
13300	2.0566	3.9325	5.0592	1.3290	8.446	1.5434	8.6174	1.35201
13400	2.0758	3.9581	5.0638	1.3335	8.523	1.5544	8.6434	1.35461
13500	2.0944	3.9830	5.0683	1.3387	8.601	1.5654	8.6687	1.35714
13600	2.1130	4.0079	5.0728	1.3430	8.678	1.5767	8.6946	1.35966
13700	2.1313	4.0325	5.0773	1.3479	8.757	1.5882	8.7207	1.36217
13800	2.1493	4.0569	5.0817	1.3512	8.832	1.5997	8.7469	1.36465
13900	2.1674	4.0813	5.0862	1.3548	8.909	1.6116	8.7736	1.36713
14000	2.1850	4.1051	5.0906	1.3587	8.986	1.6235	8.7998	1.36954
14100	2.2025	4.1290	5.0950	1.3616	9.062	1.6356	8.8269	1.37201
14200	2.2198	4.1526	5.0994	1.3628	9.132	1.6478	8.8543	1.37447
14300	2.2372	4.1762	5.1038	1.3639	9.202	1.6602	8.8816	1.37691
14400	2.2543	4.1996	5.1082	1.3648	9.271	1.6725	8.9095	1.37938
14500	2.2713	4.2228	5.1126	1.3635	9.334	1.6850	8.9379	1.38188
14600	2.2883	4.2460	5.1170	1.3603	9.389	1.6974	8.9667	1.38444
14700	2.3055	4.2694	5.1214	1.3547	9.436	1.7099	8.9972	1.38717
14800	2.3227	4.2926	5.1258	1.3466	9.474	1.7221	9.0279	1.38997
14900	2.3402	4.3161	5.1304	1.3332	9.491	1.7343	9.0609	1.39309
15000	2.3583	4.3400	5.1349	1.3248	9.526	1.7461	9.0958	1.39649

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.3368	-6.7732	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.5840	-5.7193	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.1434	-5.1027	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.8300	-4.6644	3.1470	1.3968	1.209	1.0000	3.5072	1.00000

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-4.5844	-4.3218	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.3796	-4.0378	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.2016	-3.7929	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.0427	-3.5760	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-3.8985	-3.3807	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.7660	-3.2022	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.6437	-3.0385	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.5297	-2.8868	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.4231	-2.7454	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-3.3229	-2.6130	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.2285	-2.4886	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-3.1392	-2.3713	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.0545	-2.2602	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-2.9740	-2.1549	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-2.8973	-2.0547	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.8184	-1.9538	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.7477	-1.8619	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-2.6799	-1.7739	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-2.6149	-1.6896	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.5523	-1.6085	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-2.4920	-1.5305	3.9991	1.2938	2.908	1.0000	3.9919	1.00000
2600	-2.4340	-1.4554	4.0179	1.2928	2.965	1.0000	4.0079	1.00000
2700	-2.3778	-1.3829	4.0359	1.2914	3.020	1.0000	4.0229	1.00000
2800	-2.3235	-1.3128	4.0533	1.2905	3.074	1.0000	4.0382	1.00001
2900	-2.2710	-1.2450	4.0701	1.2896	3.127	1.0000	4.0523	1.00001
3000	-2.2200	-1.1793	4.0862	1.2881	3.179	1.0000	4.0656	1.00003
3100	-2.1704	-1.1155	4.1020	1.2866	3.230	1.0001	4.0795	1.00005
3200	-2.1221	-1.0534	4.1171	1.2848	3.279	1.0001	4.0924	1.00008
3300	-2.0750	-0.9928	4.1319	1.2828	3.327	1.0001	4.1057	1.00013
3400	-2.0289	-0.9337	4.1464	1.2801	3.374	1.0002	4.1198	1.00019
3500	-1.9835	-0.8757	4.1603	1.2767	3.419	1.0003	4.1331	1.00030
3600	-1.9387	-0.8186	4.1741	1.2726	3.462	1.0005	4.1481	1.00045
3700	-1.8944	-0.7623	4.1876	1.2677	3.503	1.0007	4.1634	1.00064
3800	-1.8503	-0.7065	4.2011	1.2622	3.543	1.0009	4.1814	1.00092
3900	-1.8062	-0.6509	4.2144	1.2559	3.581	1.0013	4.2006	1.00128
4000	-1.7618	-0.5954	4.2275	1.2488	3.617	1.0018	4.2216	1.00175
4100	-1.7170	-0.5396	4.2408	1.2412	3.652	1.0024	4.2459	1.00234
4200	-1.6715	-0.4833	4.2540	1.2330	3.686	1.0031	4.2729	1.00308
4300	-1.6252	-0.4264	4.2674	1.2249	3.719	1.0040	4.3043	1.00399
4400	-1.5778	-0.3686	4.2808	1.2167	3.751	1.0051	4.3382	1.00509
4500	-1.5293	-0.3097	4.2944	1.2086	3.783	1.0064	4.3772	1.00639
4600	-1.4794	-0.2496	4.3081	1.2011	3.816	1.0080	4.4194	1.00791
4700	-1.4283	-0.1884	4.3220	1.1940	3.849	1.0097	4.4659	1.00967
4800	-1.3758	-0.1259	4.3361	1.1874	3.883	1.0117	4.5168	1.01167
4900	-1.3220	-0.0622	4.3503	1.1816	3.918	1.0140	4.5721	1.01392
5000	-1.2669	0.0028	4.3646	1.1803	3.961	1.0165	4.6306	1.01642
5100	-1.2129	0.0666	4.3788	1.1754	3.997	1.0193	4.6902	1.01924
5200	-1.1556	0.1336	4.3932	1.1674	4.028	1.0223	4.7554	1.02223
5300	-1.0973	0.2015	4.4077	1.1636	4.067	1.0256	4.8239	1.02544
5400	-1.0382	0.2702	4.4222	1.1605	4.106	1.0290	4.8950	1.02887
5500	-0.9784	0.3395	4.4366	1.1580	4.147	1.0327	4.9684	1.03251
5600	-0.9182	0.4092	4.4509	1.1559	4.189	1.0365	5.0436	1.03635
5700	-0.8577	0.4790	4.4652	1.1543	4.231	1.0406	5.1201	1.04036
5800	-0.7971	0.5489	4.4792	1.1530	4.274	1.0448	5.1977	1.04454
5900	-0.7365	0.6188	4.4932	1.1520	4.318	1.0491	5.2760	1.04887

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-0.6761	0.6884	4.5069	1.1513	4.363	1.0537	5.3548	1.05335
6100	-0.6159	0.7576	4.5204	1.1508	4.408	1.0583	5.4333	1.05793
6200	-0.5561	0.8264	4.5337	1.1505	4.453	1.0630	5.5118	1.06261
6300	-0.4968	0.8947	4.5468	1.1503	4.499	1.0679	5.5901	1.06740
6400	-0.4379	0.9624	4.5596	1.1502	4.544	1.0728	5.6678	1.07227
6500	-0.3796	1.0295	4.5722	1.1501	4.590	1.0778	5.7450	1.07720
6600	-0.3218	1.0959	4.5846	1.1503	4.637	1.0829	5.8216	1.08218
6700	-0.2647	1.1616	4.5967	1.1506	4.683	1.0880	5.8973	1.08722
6800	-0.2083	1.2265	4.6086	1.1510	4.730	1.0932	5.9719	1.09230
6900	-0.1526	1.2906	4.6203	1.1516	4.778	1.0985	6.0455	1.09741
7000	-0.0978	1.3538	4.6317	1.1523	4.825	1.1038	6.1178	1.10255
7100	-0.0438	1.4161	4.6429	1.1531	4.873	1.1091	6.1888	1.10771
7200	0.0094	1.4774	4.6538	1.1541	4.921	1.1145	6.2583	1.11289
7300	0.0618	1.5378	4.6645	1.1551	4.969	1.1198	6.3265	1.11808
7400	0.1132	1.5973	4.6750	1.1560	5.017	1.1253	6.3933	1.12326
7500	0.1639	1.6559	4.6852	1.1570	5.065	1.1307	6.4588	1.12846
7600	0.2137	1.7135	4.6952	1.1580	5.114	1.1362	6.5227	1.13363
7700	0.2626	1.7703	4.7051	1.1592	5.162	1.1417	6.5852	1.13881
7800	0.3108	1.8261	4.7147	1.1603	5.211	1.1472	6.6465	1.14397
7900	0.3582	1.8811	4.7241	1.1612	5.259	1.1527	6.7064	1.14911
8000	0.4048	1.9352	4.7334	1.1622	5.307	1.1582	6.7652	1.15421
8100	0.4506	1.9886	4.7424	1.1632	5.355	1.1637	6.8228	1.15928
8200	0.4958	2.0411	4.7514	1.1644	5.403	1.1693	6.8792	1.16433
8300	0.5401	2.0928	4.7601	1.1657	5.452	1.1748	6.9345	1.16933
8400	0.5838	2.1437	4.7687	1.1668	5.500	1.1804	6.9888	1.17430
8500	0.6267	2.1938	4.7771	1.1681	5.549	1.1860	7.0419	1.17924
8600	0.6690	2.2432	4.7854	1.1696	5.598	1.1916	7.0939	1.18414
8700	0.7105	2.2918	4.7935	1.1711	5.648	1.1972	7.1449	1.18901
8800	0.7513	2.3396	4.8015	1.1726	5.697	1.2029	7.1948	1.19384
8900	0.7914	2.3867	4.8094	1.1742	5.747	1.2086	7.2439	1.19862
9000	0.8308	2.4330	4.8171	1.1759	5.797	1.2143	7.2916	1.20337
9100	0.8696	2.4786	4.8246	1.1777	5.847	1.2201	7.3384	1.20808
9200	0.9077	2.5235	4.8321	1.1797	5.898	1.2258	7.3842	1.21274
9300	0.9451	2.5677	4.8394	1.1818	5.950	1.2317	7.4291	1.21737
9400	0.9818	2.6112	4.8466	1.1840	6.002	1.2376	7.4732	1.22196
9500	1.0180	2.6540	4.8537	1.1861	6.053	1.2436	7.5161	1.22652
9600	1.0534	2.6961	4.8607	1.1885	6.106	1.2496	7.5581	1.23106
9700	1.0883	2.7375	4.8675	1.1909	6.159	1.2557	7.5992	1.23556
9800	1.1225	2.7783	4.8743	1.1933	6.212	1.2618	7.6396	1.24000
9900	1.1562	2.8185	4.8809	1.1956	6.265	1.2680	7.6791	1.24441
10000	1.1893	2.8582	4.8875	1.1972	6.316	1.2743	7.7179	1.24875
10100	1.2220	2.8973	4.8940	1.1944	6.356	1.2806	7.7559	1.25300
10200	1.2542	2.9380	4.9010	1.1971	6.411	1.2873	7.8048	1.25738
10300	1.2877	2.9760	4.9072	1.2049	6.480	1.2938	7.8414	1.26157
10400	1.3187	3.0134	4.9134	1.2085	6.537	1.3004	7.8770	1.26569
10500	1.3490	3.0501	4.9195	1.2113	6.593	1.3070	7.9121	1.26975
10600	1.3791	3.0865	4.9255	1.2137	6.648	1.3138	7.9465	1.27378
10700	1.4085	3.1222	4.9314	1.2162	6.704	1.3207	7.9805	1.27775
10800	1.4374	3.1575	4.9372	1.2187	6.760	1.3275	8.0130	1.28161
10900	1.4660	3.1924	4.9430	1.2224	6.819	1.3346	8.0457	1.28549
11000	1.4940	3.2267	4.9487	1.2261	6.879	1.3417	8.0778	1.28930
11100	1.5215	3.2604	4.9543	1.2299	6.940	1.3490	8.1092	1.29303
11200	1.5486	3.2938	4.9599	1.2337	7.001	1.3564	8.1409	1.29679
11300	1.5751	3.3266	4.9653	1.2375	7.062	1.3639	8.1709	1.30038
11400	1.6013	3.3590	4.9708	1.2398	7.120	1.3715	8.2012	1.30399

S/R= 34.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	1.6273	3.3912	4.9761	1.2430	7.180	1.3793	8.2309	1.30756
11600	1.6525	3.4226	4.9814	1.2472	7.244	1.3871	8.2597	1.31102
11700	1.6775	3.4539	4.9867	1.2511	7.307	1.3951	8.2884	1.31445
11800	1.7020	3.4846	4.9918	1.2558	7.374	1.4032	8.3169	1.31783
11900	1.7263	3.5151	4.9970	1.2603	7.440	1.4116	8.3456	1.32122
12000	1.7499	3.5450	5.0021	1.2646	7.507	1.4200	8.3731	1.32447
12100	1.7733	3.5746	5.0071	1.2687	7.573	1.4286	8.4008	1.32772
12200	1.7963	3.6038	5.0121	1.2722	7.638	1.4374	8.4281	1.33091
12300	1.8191	3.6329	5.0170	1.2759	7.704	1.4463	8.4554	1.33409
12400	1.8413	3.6613	5.0219	1.2805	7.773	1.4552	8.4814	1.33714
12500	1.8634	3.6895	5.0267	1.2848	7.842	1.4644	8.5079	1.34019
12600	1.8850	3.7174	5.0315	1.2905	7.916	1.4737	8.5341	1.34318
12700	1.9062	3.7448	5.0363	1.2955	7.988	1.4832	8.5602	1.34615
12800	1.9271	3.7719	5.0410	1.2991	8.057	1.4928	8.5857	1.34902
12900	1.9478	3.7989	5.0457	1.3044	8.132	1.5027	8.6117	1.35189
13000	1.9681	3.8254	5.0504	1.3093	8.205	1.5127	8.6379	1.35476
13100	1.9882	3.8517	5.0550	1.3129	8.276	1.5229	8.6633	1.35751
13200	2.0079	3.8777	5.0595	1.3179	8.351	1.5332	8.6885	1.36023
13300	2.0273	3.9032	5.0640	1.3215	8.423	1.5435	8.7135	1.36292
13400	2.0466	3.9288	5.0686	1.3260	8.498	1.5541	8.7387	1.36558
13500	2.0653	3.9537	5.0730	1.3312	8.575	1.5647	8.7633	1.36816
13600	2.0841	3.9787	5.0774	1.3355	8.651	1.5756	8.7884	1.37074
13700	2.1024	4.0033	5.0819	1.3403	8.728	1.5866	8.8137	1.37330
13800	2.1206	4.0276	5.0863	1.3434	8.801	1.5978	8.8389	1.37583
13900	2.1387	4.0520	5.0907	1.3472	8.877	1.6093	8.8647	1.37836
14000	2.1564	4.0758	5.0950	1.3515	8.955	1.6207	8.8901	1.38081
14100	2.1740	4.0996	5.0994	1.3545	9.030	1.6325	8.9162	1.38333
14200	2.1914	4.1233	5.1037	1.3562	9.100	1.6443	8.9425	1.38582
14300	2.2087	4.1468	5.1081	1.3579	9.171	1.6562	8.9688	1.38828
14400	2.2258	4.1701	5.1124	1.3595	9.241	1.6682	8.9956	1.39076
14500	2.2429	4.1932	5.1167	1.3590	9.305	1.6803	9.0227	1.39327
14600	2.2598	4.2163	5.1210	1.3571	9.364	1.6923	9.0503	1.39582
14700	2.2770	4.2395	5.1254	1.3533	9.417	1.7046	9.0794	1.39851
14800	2.2940	4.2625	5.1297	1.3471	9.460	1.7165	9.1085	1.40125
14900	2.3113	4.2857	5.1341	1.3363	9.486	1.7285	9.1398	1.40426
15000	2.3290	4.3093	5.1386	1.3294	9.526	1.7401	9.1726	1.40750

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.4237	-6.8601	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.6708	-5.8062	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.2303	-5.1896	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-4.9169	-4.7512	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.6712	-4.4087	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.4664	-4.1247	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.2884	-3.8797	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.1296	-3.6629	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-3.9854	-3.4676	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.8528	-3.2891	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.7305	-3.1254	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.6166	-2.9736	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.5100	-2.8323	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-3.4098	-2.6999	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.3154	-2.5755	3.7522	1.3155	2.272	1.0000	3.7680	1.00000

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	-3.2260	-2.4581	3.7832	1.3124	2.343	1.0000	3.7943	1.00000
1700	-3.1413	-2.3471	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.0608	-2.2418	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-2.9841	-2.1416	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-2.9053	-2.0406	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.8346	-1.9487	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-2.7668	-1.8608	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-2.7017	-1.7764	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.6392	-1.6954	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.5789	-1.6173	3.9991	1.2938	2.908	1.0000	3.9919	1.00000
2600	-2.5208	-1.5422	4.0179	1.2928	2.965	1.0000	4.0079	1.00000
2700	-2.4647	-1.4697	4.0359	1.2914	3.020	1.0000	4.0229	1.00000
2800	-2.4104	-1.3996	4.0534	1.2905	3.074	1.0000	4.0382	1.00001
2900	-2.3578	-1.3318	4.0701	1.2895	3.127	1.0000	4.0523	1.00002
3000	-2.3068	-1.2661	4.0863	1.2880	3.179	1.0000	4.0657	1.00003
3100	-2.2572	-1.2022	4.1020	1.2865	3.229	1.0001	4.0797	1.00005
3200	-2.2089	-1.1401	4.1172	1.2846	3.279	1.0001	4.0927	1.00009
3300	-2.1617	-1.0795	4.1320	1.2823	3.327	1.0001	4.1062	1.00014
3400	-2.1154	-1.0202	4.1464	1.2793	3.373	1.0002	4.1205	1.00022
3500	-2.0699	-0.9621	4.1605	1.2757	3.418	1.0003	4.1342	1.00033
3600	-2.0249	-0.9048	4.1743	1.2714	3.461	1.0005	4.1496	1.00049
3700	-1.9803	-0.8482	4.1879	1.2661	3.501	1.0007	4.1655	1.00071
3800	-1.9358	-0.7920	4.2014	1.2601	3.540	1.0010	4.1843	1.00102
3900	-1.8913	-0.7360	4.2148	1.2534	3.578	1.0014	4.2045	1.00141
4000	-1.8464	-0.6799	4.2281	1.2457	3.613	1.0019	4.2268	1.00193
4100	-1.8008	-0.6233	4.2414	1.2378	3.648	1.0026	4.2526	1.00258
4200	-1.7545	-0.5662	4.2548	1.2293	3.681	1.0034	4.2815	1.00339
4300	-1.7072	-0.5082	4.2684	1.2208	3.713	1.0044	4.3150	1.00439
4400	-1.6588	-0.4493	4.2821	1.2125	3.745	1.0056	4.3514	1.00558
4500	-1.6089	-0.3891	4.2960	1.2043	3.778	1.0070	4.3931	1.00700
4600	-1.5578	-0.3276	4.3100	1.1967	3.811	1.0087	4.4383	1.00866
4700	-1.5051	-0.2648	4.3242	1.1896	3.844	1.0106	4.4881	1.01056
4800	-1.4510	-0.2007	4.3385	1.1831	3.878	1.0128	4.5425	1.01272
4900	-1.3956	-0.1352	4.3531	1.1775	3.914	1.0152	4.6014	1.01514
5000	-1.3388	-0.0685	4.3677	1.1761	3.956	1.0179	4.6636	1.01782
5100	-1.2830	-0.0029	4.3822	1.1714	3.994	1.0209	4.7272	1.02084
5200	-1.2240	0.0660	4.3969	1.1639	4.026	1.0241	4.7962	1.02403
5300	-1.1639	0.1357	4.4117	1.1603	4.065	1.0275	4.8684	1.02744
5400	-1.1031	0.2062	4.4264	1.1574	4.105	1.0312	4.9433	1.03108
5500	-1.0417	0.2773	4.4411	1.1552	4.147	1.0351	5.0203	1.03493
5600	-0.9798	0.3486	4.4557	1.1532	4.189	1.0391	5.0989	1.03896
5700	-0.9178	0.4201	4.4701	1.1517	4.232	1.0434	5.1789	1.04318
5800	-0.8557	0.4916	4.4844	1.1506	4.276	1.0478	5.2597	1.04758
5900	-0.7936	0.5630	4.4985	1.1498	4.321	1.0523	5.3410	1.05210
6000	-0.7318	0.6341	4.5124	1.1492	4.366	1.0571	5.4227	1.05678
6100	-0.6703	0.7047	4.5260	1.1488	4.411	1.0619	5.5041	1.06156
6200	-0.6093	0.7748	4.5394	1.1486	4.457	1.0668	5.5852	1.06643
6300	-0.5488	0.8443	4.5526	1.1485	4.503	1.0718	5.6660	1.07141
6400	-0.4888	0.9132	4.5655	1.1485	4.550	1.0769	5.7460	1.07645
6500	-0.4294	0.9814	4.5782	1.1485	4.596	1.0821	5.8254	1.08156
6600	-0.3706	1.0489	4.5907	1.1488	4.643	1.0874	5.9040	1.08672
6700	-0.3126	1.1156	4.6029	1.1491	4.690	1.0927	5.9817	1.09193
6800	-0.2553	1.1814	4.6148	1.1496	4.738	1.0980	6.0580	1.09718
6900	-0.1988	1.2464	4.6266	1.1503	4.786	1.1034	6.1334	1.10244
7000	-0.1432	1.3104	4.6380	1.1510	4.834	1.1088	6.2073	1.10775

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-0.0884	1.3735	4.6492	1.1519	4.882	1.1143	6.2797	1.11306
7200	-0.0345	1.4356	4.6602	1.1529	4.930	1.1198	6.3507	1.11839
7300	0.0185	1.4967	4.6709	1.1539	4.979	1.1253	6.4202	1.12372
7400	0.0706	1.5569	4.6814	1.1549	5.027	1.1309	6.4882	1.12905
7500	0.1218	1.6160	4.6916	1.1559	5.076	1.1364	6.5548	1.13439
7600	0.1722	1.6743	4.7017	1.1569	5.124	1.1420	6.6198	1.13970
7700	0.2217	1.7316	4.7115	1.1581	5.173	1.1476	6.6833	1.14501
7800	0.2704	1.7880	4.7211	1.1592	5.222	1.1532	6.7455	1.15030
7900	0.3182	1.8435	4.7305	1.1602	5.270	1.1588	6.8063	1.15556
8000	0.3653	1.8981	4.7398	1.1612	5.319	1.1645	6.8658	1.16078
8100	0.4116	1.9519	4.7489	1.1622	5.367	1.1701	6.9241	1.16598
8200	0.4571	2.0048	4.7577	1.1633	5.416	1.1757	6.9813	1.17114
8300	0.5019	2.0569	4.7665	1.1646	5.464	1.1813	7.0372	1.17627
8400	0.5459	2.1082	4.7751	1.1658	5.513	1.1870	7.0920	1.18135
8500	0.5892	2.1587	4.7835	1.1671	5.562	1.1926	7.1458	1.18640
8600	0.6318	2.2084	4.7917	1.1684	5.611	1.1983	7.1983	1.19141
8700	0.6736	2.2573	4.7998	1.1699	5.661	1.2040	7.2496	1.19638
8800	0.7147	2.3055	4.8078	1.1715	5.711	1.2097	7.3000	1.20132
8900	0.7551	2.3528	4.8156	1.1731	5.761	1.2154	7.3494	1.20620
9000	0.7948	2.3994	4.8233	1.1747	5.811	1.2212	7.3977	1.21106
9100	0.8338	2.4453	4.8309	1.1764	5.861	1.2270	7.4448	1.21586
9200	0.8722	2.4905	4.8383	1.1783	5.911	1.2328	7.4908	1.22062
9300	0.9099	2.5349	4.8456	1.1804	5.963	1.2387	7.5359	1.22535
9400	0.9469	2.5786	4.8528	1.1826	6.015	1.2446	7.5801	1.23003
9500	0.9832	2.6216	4.8599	1.1848	6.067	1.2505	7.6233	1.23469
9600	1.0189	2.6639	4.8668	1.1870	6.119	1.2566	7.6655	1.23932
9700	1.0539	2.7056	4.8736	1.1891	6.171	1.2626	7.7067	1.24390
9800	1.0884	2.7466	4.8804	1.1914	6.224	1.2687	7.7471	1.24844
9900	1.1223	2.7870	4.8870	1.1936	6.277	1.2749	7.7867	1.25293
10000	1.1556	2.8268	4.8935	1.1955	6.329	1.2812	7.8256	1.25735
10100	1.1884	2.8661	4.8999	1.1929	6.369	1.2875	7.8637	1.26169
10200	1.2228	2.9070	4.9069	1.1952	6.423	1.2941	7.9127	1.26617
10300	1.2545	2.9451	4.9132	1.2025	6.490	1.3005	7.9491	1.27044
10400	1.2857	2.9826	4.9193	1.2059	6.547	1.3070	7.9846	1.27463
10500	1.3162	3.0194	4.9253	1.2086	6.602	1.3136	8.0196	1.27877
10600	1.3464	3.0560	4.9313	1.2112	6.658	1.3203	8.0539	1.28288
10700	1.3760	3.0918	4.9372	1.2142	6.715	1.3271	8.0878	1.28693
10800	1.4051	3.1272	4.9430	1.2163	6.769	1.3339	8.1204	1.29087
10900	1.4338	3.1622	4.9487	1.2193	6.826	1.3408	8.1529	1.29483
11000	1.4620	3.1966	4.9544	1.2227	6.885	1.3478	8.1847	1.29871
11100	1.4896	3.2305	4.9600	1.2265	6.945	1.3549	8.2158	1.30252
11200	1.5169	3.2639	4.9655	1.2302	7.006	1.3622	8.2472	1.30635
11300	1.5435	3.2968	4.9709	1.2339	7.066	1.3695	8.2769	1.31001
11400	1.5698	3.3293	4.9763	1.2369	7.126	1.3770	8.3070	1.31369
11500	1.5959	3.3616	4.9817	1.2401	7.186	1.3847	8.3367	1.31734
11600	1.6213	3.3931	4.9869	1.2432	7.246	1.3923	8.3653	1.32087
11700	1.6465	3.4244	4.9921	1.2467	7.308	1.4001	8.3936	1.32437
11800	1.6711	3.4552	4.9973	1.2512	7.373	1.4080	8.4216	1.32782
11900	1.6955	3.4858	5.0024	1.2555	7.438	1.4161	8.4499	1.33128
12000	1.7193	3.5156	5.0074	1.2596	7.503	1.4243	8.4769	1.33460
12100	1.7428	3.5453	5.0124	1.2637	7.569	1.4327	8.5041	1.33791
12200	1.7659	3.5746	5.0174	1.2678	7.635	1.4412	8.5310	1.34117
12300	1.7888	3.6037	5.0223	1.2719	7.702	1.4500	8.5582	1.34442
12400	1.8112	3.6321	5.0271	1.2755	7.767	1.4587	8.5840	1.34754
12500	1.8333	3.6604	5.0319	1.2789	7.833	1.4676	8.6099	1.35066

S/R= 35.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12600	1.8551	3.6883	5.0367	1.2844	7.905	1.4766	8.6354	1.35371
12700	1.8764	3.7157	5.0414	1.2894	7.976	1.4858	8.6610	1.35674
12800	1.8974	3.7429	5.0460	1.2929	8.043	1.4951	8.6860	1.35968
12900	1.9183	3.7699	5.0507	1.2980	8.117	1.5046	8.7113	1.36261
13000	1.9387	3.7965	5.0553	1.3028	8.190	1.5144	8.7368	1.36554
13100	1.9589	3.8228	5.0599	1.3067	8.260	1.5242	8.7616	1.36836
13200	1.9787	3.8488	5.0644	1.3122	8.336	1.5342	8.7863	1.37113
13300	1.9981	3.8743	5.0689	1.3156	8.406	1.5443	8.8110	1.37389
13400	2.0176	3.8999	5.0733	1.3191	8.477	1.5546	8.8357	1.37661
13500	2.0364	3.9248	5.0777	1.3238	8.551	1.5648	8.8595	1.37926
13600	2.0553	3.9498	5.0821	1.3282	8.626	1.5753	8.8838	1.38189
13700	2.0738	3.9744	5.0865	1.3331	8.703	1.5860	8.9083	1.38450
13800	2.0920	3.9987	5.0909	1.3361	8.774	1.5968	8.9327	1.38708
13900	2.1102	4.0231	5.0952	1.3398	8.849	1.6079	8.9576	1.38966
14000	2.1279	4.0469	5.0995	1.3444	8.926	1.6189	8.9821	1.39216
14100	2.1456	4.0707	5.1038	1.3477	9.001	1.6303	9.0073	1.39472
14200	2.1631	4.0943	5.1081	1.3496	9.071	1.6417	9.0327	1.39725
14300	2.1805	4.1177	5.1124	1.3517	9.142	1.6532	9.0579	1.39973
14400	2.1976	4.1410	5.1166	1.3540	9.213	1.6649	9.0836	1.40224
14500	2.2146	4.1640	5.1209	1.3543	9.279	1.6765	9.1096	1.40476
14600	2.2316	4.1870	5.1251	1.3534	9.340	1.6883	9.1360	1.40730
14700	2.2487	4.2101	5.1294	1.3510	9.397	1.7002	9.1637	1.40997
14800	2.2656	4.2329	5.1336	1.3466	9.445	1.7118	9.1914	1.41266
14900	2.2827	4.2559	5.1380	1.3381	9.479	1.7236	9.2210	1.41558
15000	2.3001	4.2791	5.1423	1.3324	9.523	1.7351	9.2518	1.41868

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.5106	-6.9470	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.7577	-5.8931	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.3172	-5.2764	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.0038	-4.8381	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.7581	-4.4955	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.5533	-4.2116	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.3753	-3.9666	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.2165	-3.7498	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-4.0723	-3.5544	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-3.9397	-3.3759	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.8174	-3.2122	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.7035	-3.0605	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.5969	-2.9191	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-3.4967	-2.7868	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.4022	-2.6623	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-3.3129	-2.5450	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.2282	-2.4340	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.1477	-2.3286	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-3.0710	-2.2285	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-2.9921	-2.1275	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-2.9214	-2.0356	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-2.8537	-1.9477	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-2.7886	-1.8632	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.7260	-1.7822	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.6657	-1.7042	3.9991	1.2938	2.908	1.0000	3.9919	1.00000
2600	-2.6077	-1.6291	4.0179	1.2927	2.965	1.0000	4.0079	1.00000

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	-2.5515	-1.5566	4.0359	1.2913	3.020	1.0000	4.0229	1.00001
2800	-2.4972	-1.4865	4.0534	1.2905	3.074	1.0000	4.0383	1.00001
2900	-2.4447	-1.4187	4.0701	1.2894	3.127	1.0000	4.0524	1.00002
3000	-2.3936	-1.3529	4.0863	1.2877	3.178	1.0000	4.0658	1.00003
3100	-2.3440	-1.2890	4.1020	1.2862	3.229	1.0001	4.0799	1.00006
3200	-2.2956	-1.2268	4.1172	1.2843	3.278	1.0001	4.0930	1.00010
3300	-2.2483	-1.1661	4.1320	1.2818	3.326	1.0002	4.1067	1.00015
3400	-2.2019	-1.1067	4.1465	1.2785	3.372	1.0002	4.1212	1.00024
3500	-2.1562	-1.0484	4.1606	1.2746	3.416	1.0004	4.1353	1.00037
3600	-2.1110	-0.9909	4.1745	1.2701	3.459	1.0006	4.1513	1.00055
3700	-2.0661	-0.9340	4.1881	1.2643	3.499	1.0008	4.1679	1.00079
3800	-2.0212	-0.8774	4.2017	1.2578	3.537	1.0011	4.1876	1.00112
3900	-1.9762	-0.8208	4.2152	1.2506	3.574	1.0016	4.2089	1.00155
4000	-1.9307	-0.7641	4.2287	1.2426	3.609	1.0021	4.2325	1.00212
4100	-1.8844	-0.7067	4.2422	1.2342	3.643	1.0029	4.2600	1.00284
4200	-1.8372	-0.6487	4.2558	1.2254	3.676	1.0038	4.2909	1.00373
4300	-1.7888	-0.5897	4.2696	1.2167	3.708	1.0048	4.3267	1.00482
4400	-1.7392	-0.5294	4.2835	1.2081	3.740	1.0061	4.3657	1.00612
4500	-1.6880	-0.4678	4.2977	1.1999	3.772	1.0077	4.4104	1.00767
4600	-1.6354	-0.4049	4.3120	1.1924	3.805	1.0095	4.4588	1.00946
4700	-1.5812	-0.3405	4.3265	1.1853	3.839	1.0116	4.5120	1.01152
4800	-1.5254	-0.2746	4.3412	1.1789	3.873	1.0139	4.5701	1.01385
4900	-1.4682	-0.2073	4.3560	1.1734	3.909	1.0165	4.6329	1.01645
5000	-1.4097	-0.1388	4.3710	1.1720	3.952	1.0194	4.6989	1.01932
5100	-1.3521	-0.0712	4.3858	1.1675	3.990	1.0226	4.7665	1.02254
5200	-1.2912	-0.0004	4.4008	1.1605	4.024	1.0260	4.8394	1.02594
5300	-1.2294	0.0712	4.4158	1.1572	4.064	1.0296	4.9155	1.02956
5400	-1.1668	0.1435	4.4309	1.1545	4.105	1.0335	4.9941	1.03341
5500	-1.1037	0.2163	4.4458	1.1524	4.147	1.0376	5.0748	1.03746
5600	-1.0402	0.2894	4.4606	1.1507	4.190	1.0418	5.1570	1.04171
5700	-0.9766	0.3625	4.4752	1.1493	4.234	1.0463	5.2403	1.04614
5800	-0.9130	0.4356	4.4897	1.1493	4.278	1.0509	5.3243	1.05074
5900	-0.8495	0.5085	4.5040	1.1477	4.324	1.0557	5.4088	1.05547
6000	-0.7863	0.5810	4.5180	1.1472	4.369	1.0606	5.4934	1.06035
6100	-0.7235	0.6530	4.5318	1.1469	4.415	1.0656	5.5775	1.06532
6200	-0.6613	0.7244	4.5453	1.1468	4.462	1.0707	5.6612	1.07038
6300	-0.5996	0.7951	4.5586	1.1469	4.509	1.0759	5.7443	1.07554
6400	-0.5385	0.8652	4.5716	1.1470	4.556	1.0812	5.8267	1.08077
6500	-0.4781	0.9345	4.5844	1.1470	4.603	1.0866	5.9082	1.08606
6600	-0.4184	1.0030	4.5969	1.1473	4.650	1.0920	5.9888	1.09139
6700	-0.3594	1.0706	4.6091	1.1478	4.698	1.0974	6.0683	1.09677
6800	-0.3013	1.1374	4.6211	1.1483	4.746	1.1029	6.1465	1.10219
6900	-0.2440	1.2032	4.6329	1.1490	4.794	1.1085	6.2235	1.10761
7000	-0.1875	1.2681	4.6444	1.1499	4.842	1.1141	6.2989	1.11306
7100	-0.1321	1.3319	4.6556	1.1507	4.891	1.1197	6.3727	1.11854
7200	-0.0775	1.3947	4.6666	1.1517	4.940	1.1253	6.4451	1.12401
7300	-0.0239	1.4565	4.6773	1.1528	4.989	1.1310	6.5159	1.12948
7400	0.0289	1.5173	4.6878	1.1538	5.038	1.1366	6.5851	1.13496
7500	0.0807	1.5771	4.6981	1.1549	5.087	1.1423	6.6527	1.14043
7600	0.1316	1.6360	4.7081	1.1559	5.135	1.1480	6.7187	1.14588
7700	0.1816	1.6938	4.7179	1.1571	5.185	1.1537	6.7832	1.15132
7800	0.2308	1.7507	4.7275	1.1582	5.234	1.1594	6.8463	1.15674
7900	0.2791	1.8067	4.7370	1.1591	5.282	1.1651	6.9078	1.16212
8000	0.3265	1.8618	4.7462	1.1602	5.331	1.1708	6.9681	1.16747
8100	0.3733	1.9160	4.7553	1.1613	5.380	1.1766	7.0272	1.17279

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	0.4192	1.9693	4.7642	1.1624	5.428	1.1823	7.0850	1.17806
8300	0.4644	2.0219	4.7729	1.1636	5.477	1.1880	7.1416	1.18330
8400	0.5088	2.0735	4.7814	1.1648	5.526	1.1937	7.1969	1.18850
8500	0.5524	2.1244	4.7898	1.1662	5.576	1.1994	7.2510	1.19366
8600	0.5953	2.1744	4.7981	1.1675	5.625	1.2052	7.3042	1.19878
8700	0.6374	2.2236	4.8062	1.1688	5.674	1.2109	7.3560	1.20385
8800	0.6788	2.2720	4.8141	1.1704	5.724	1.2167	7.4067	1.20889
8900	0.7195	2.3197	4.8219	1.1720	5.774	1.2224	7.4563	1.21388
9000	0.7595	2.3666	4.8296	1.1737	5.825	1.2282	7.5049	1.21883
9100	0.7987	2.4127	4.8371	1.1753	5.875	1.2341	7.5525	1.22373
9200	0.8373	2.4581	4.8445	1.1770	5.925	1.2399	7.5987	1.22859
9300	0.8752	2.5028	4.8518	1.1791	5.977	1.2458	7.6440	1.23341
9400	0.9125	2.5467	4.8590	1.1812	6.029	1.2517	7.6883	1.23819
9500	0.9490	2.5899	4.8660	1.1835	6.081	1.2577	7.7317	1.24294
9600	0.9849	2.6324	4.8729	1.1857	6.133	1.2637	7.7742	1.24766
9700	1.0202	2.6743	4.8797	1.1876	6.185	1.2698	7.8156	1.25234
9800	1.0549	2.7155	4.8864	1.1896	6.237	1.2759	7.8560	1.25696
9900	1.0889	2.7561	4.8930	1.1918	6.289	1.2821	7.8956	1.26153
10000	1.1224	2.7960	4.8995	1.1937	6.341	1.2883	7.9345	1.26604
10100	1.1554	2.8355	4.9059	1.1914	6.382	1.2945	7.9725	1.27046
10200	1.1900	2.8765	4.9129	1.1937	6.436	1.3012	8.0216	1.27503
10300	1.2219	2.9148	4.9191	1.2005	6.502	1.3075	8.0581	1.27938
10400	1.2532	2.9524	4.9252	1.2036	6.558	1.3140	8.0935	1.28366
10500	1.2838	2.9893	4.9312	1.2062	6.613	1.3204	8.1283	1.28788
10600	1.3142	3.0260	4.9371	1.2087	6.668	1.3270	8.1625	1.29206
10700	1.3439	3.0620	4.9430	1.2118	6.725	1.3337	8.1962	1.29619
10800	1.3732	3.0975	4.9488	1.2145	6.781	1.3405	8.2287	1.30021
10900	1.4020	3.1325	4.9545	1.2171	6.837	1.3474	8.2613	1.30424
11000	1.4303	3.1670	4.9601	1.2197	6.893	1.3542	8.2929	1.30820
11100	1.4581	3.2010	4.9656	1.2233	6.952	1.3612	8.3237	1.31208
11200	1.4856	3.2346	4.9712	1.2269	7.012	1.3684	8.3549	1.31598
11300	1.5123	3.2675	4.9765	1.2304	7.072	1.3755	8.3842	1.31971
11400	1.5387	3.3000	4.9819	1.2333	7.130	1.3828	8.4140	1.32347
11500	1.5650	3.3324	4.9872	1.2371	7.192	1.3903	8.4434	1.32718
11600	1.5904	3.3640	4.9924	1.2404	7.252	1.3979	8.4719	1.33079
11700	1.6157	3.3954	4.9976	1.2429	7.311	1.4055	8.5000	1.33436
11800	1.6405	3.4262	5.0027	1.2469	7.374	1.4132	8.5276	1.33788
11900	1.6650	3.4568	5.0078	1.2511	7.438	1.4212	8.5555	1.34141
12000	1.6889	3.4868	5.0128	1.2550	7.502	1.4291	8.5820	1.34479
12100	1.7126	3.5165	5.0177	1.2590	7.567	1.4373	8.6088	1.34817
12200	1.7358	3.5458	5.0226	1.2631	7.632	1.4456	8.6353	1.35150
12300	1.7589	3.5750	5.0275	1.2674	7.699	1.4541	8.6619	1.35481
12400	1.7813	3.6034	5.0323	1.2716	7.766	1.4626	8.6874	1.35800
12500	1.8035	3.6318	5.0371	1.2745	7.829	1.4713	8.7131	1.36119
12600	1.8254	3.6597	5.0418	1.2789	7.897	1.4801	8.7382	1.36431
12700	1.8468	3.6871	5.0465	1.2835	7.967	1.4890	8.7631	1.36739
12800	1.8680	3.7143	5.0511	1.2869	8.033	1.4980	8.7875	1.37040
12900	1.8890	3.7413	5.0557	1.2918	8.105	1.5073	8.8122	1.37339
13000	1.9095	3.7679	5.0603	1.2966	8.176	1.5167	8.8371	1.37638
13100	1.9298	3.7943	5.0648	1.3004	8.246	1.5262	8.8613	1.37926
13200	1.9497	3.8203	5.0692	1.3059	8.321	1.5359	8.8853	1.38210
13300	1.9693	3.8458	5.0737	1.3100	8.392	1.5457	8.9094	1.38491
13400	1.9888	3.8714	5.0781	1.3137	8.463	1.5557	8.9339	1.38770
13500	2.0077	3.8964	5.0825	1.3175	8.534	1.5657	8.9572	1.39041
13600	2.0267	3.9213	5.0869	1.3212	8.605	1.5759	8.9808	1.39309

S/R= 35.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13700	2.0453	3.9459	5.0912	1.3260	8.680	1.5862	9.0045	1.39576
13800	2.0636	3.9703	5.0955	1.3290	8.751	1.5966	9.0281	1.39840
13900	2.0819	3.9946	5.0998	1.3329	8.825	1.6073	9.0522	1.40103
14000	2.0997	4.0184	5.1040	1.3376	8.901	1.6180	9.0758	1.40357
14100	2.1174	4.0422	5.1083	1.3409	8.974	1.6289	9.1001	1.40617
14200	2.1350	4.0657	5.1125	1.3429	9.043	1.6400	9.1245	1.40874
14300	2.1524	4.0891	5.1167	1.3457	9.115	1.6512	9.1488	1.41126
14400	2.1696	4.1123	5.1209	1.3483	9.187	1.6624	9.1735	1.41380
14500	2.1866	4.1353	5.1251	1.3492	9.253	1.6737	9.1983	1.41634
14600	2.2035	4.1581	5.1293	1.3492	9.317	1.6851	9.2235	1.41888
14700	2.2206	4.1811	5.1335	1.3480	9.376	1.6966	9.2499	1.42154
14800	2.2374	4.2037	5.1376	1.3452	9.430	1.7080	9.2763	1.42419
14900	2.2543	4.2265	5.1419	1.3390	9.471	1.7195	9.3043	1.42704
15000	2.2715	4.2495	5.1461	1.3347	9.519	1.7308	9.3333	1.43003

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.5974	-7.0338	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.8445	-5.9799	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.4040	-5.3633	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.0906	-4.9250	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.8450	-4.5824	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.6402	-4.2984	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.4622	-4.0535	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.3033	-3.8366	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-4.1591	-3.6413	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.0265	-3.4628	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.9042	-3.2991	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.7903	-3.1474	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.6837	-3.0060	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-3.5835	-2.8736	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.4891	-2.7492	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-3.3997	-2.6318	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.3151	-2.5208	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.2345	-2.4155	3.8399	1.3072	2.481	1.0000	3.8426	1.00000
1900	-3.1579	-2.3153	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.0790	-2.2144	3.8918	1.2894	2.597	1.0000	3.8873	1.00000
2100	-3.0083	-2.1225	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-2.9405	-2.0345	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-2.8754	-1.9501	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.8129	-1.8691	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.7526	-1.7911	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-2.6945	-1.7159	4.0179	1.2927	2.965	1.0000	4.0079	1.00000
2700	-2.6384	-1.6434	4.0359	1.2914	3.020	1.0000	4.0229	1.00001
2800	-2.5841	-1.5733	4.0534	1.2904	3.074	1.0000	4.0383	1.00001
2900	-2.5315	-1.5055	4.0701	1.2892	3.127	1.0000	4.0525	1.00002
3000	-2.4804	-1.4397	4.0863	1.2875	3.178	1.0000	4.0660	1.00003
3100	-2.4307	-1.3757	4.1020	1.2860	3.229	1.0001	4.0801	1.00006
3200	-2.3823	-1.3135	4.1172	1.2839	3.278	1.0001	4.0934	1.00011
3300	-2.3349	-1.2527	4.1321	1.2811	3.325	1.0002	4.1073	1.00017
3400	-2.2884	-1.1932	4.1466	1.2776	3.371	1.0003	4.1221	1.00026
3500	-2.2425	-1.1346	4.1607	1.2735	3.415	1.0004	4.1366	1.00041
3600	-2.1971	-1.0769	4.1747	1.2686	3.457	1.0006	4.1531	1.00061
3700	-2.1518	-1.0196	4.1884	1.2623	3.496	1.0009	4.1704	1.00087

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-2.1065	-0.9626	4.2021	1.2553	3.534	1.0012	4.1911	1.00124
3900	-2.0609	-0.9055	4.2157	1.2478	3.570	1.0017	4.2136	1.00172
4000	-2.0147	-0.8480	4.2293	1.2393	3.605	1.0024	4.2388	1.00234
4100	-1.9676	-0.7898	4.2430	1.2304	3.638	1.0031	4.2681	1.00312
4200	-1.9194	-0.7308	4.2568	1.2214	3.670	1.0041	4.3011	1.00410
4300	-1.8699	-0.6705	4.2709	1.2124	3.702	1.0053	4.3395	1.00529
4400	-1.8190	-0.6090	4.2851	1.2037	3.734	1.0067	4.3813	1.00670
4500	-1.7664	-0.5459	4.2995	1.1955	3.766	1.0084	4.4292	1.00839
4600	-1.7122	-0.4814	4.3141	1.1880	3.800	1.0104	4.4810	1.01034
4700	-1.6563	-0.4152	4.3290	1.1810	3.834	1.0126	4.5379	1.01255
4800	-1.5989	-0.3475	4.3440	1.1748	3.869	1.0151	4.5998	1.01506
4900	-1.5398	-0.2783	4.3592	1.1695	3.906	1.0179	4.6664	1.01786
5000	-1.4795	-0.2079	4.3744	1.1680	3.949	1.0210	4.7365	1.02092
5100	-1.4200	-0.1383	4.3896	1.1638	3.987	1.0244	4.8083	1.02435
5200	-1.3573	-0.0657	4.4049	1.1572	4.022	1.0280	4.8852	1.02796
5300	-1.2936	0.0079	4.4202	1.1541	4.063	1.0319	4.9652	1.03179
5400	-1.2293	0.0820	4.4355	1.1517	4.105	1.0359	5.0477	1.03586
5500	-1.1645	0.1566	4.4506	1.1498	4.147	1.0402	5.1320	1.04012
5600	-1.0994	0.2314	4.4657	1.1483	4.191	1.0447	5.2177	1.04458
5700	-1.0342	0.3062	4.4805	1.1470	4.236	1.0494	5.3045	1.04923
5800	-0.9691	0.3809	4.4952	1.1461	4.281	1.0542	5.3917	1.05403
5900	-0.9042	0.4552	4.5096	1.1457	4.327	1.0592	5.4791	1.05897
6000	-0.8396	0.5292	4.5237	1.1453	4.373	1.0643	5.5666	1.06404
6100	-0.7756	0.6025	4.5376	1.1451	4.420	1.0695	5.6534	1.06921
6200	-0.7121	0.6752	4.5513	1.1451	4.467	1.0748	5.7397	1.07447
6300	-0.6493	0.7471	4.5647	1.1453	4.514	1.0802	5.8252	1.07981
6400	-0.5871	0.8183	4.5778	1.1455	4.562	1.0856	5.9098	1.08521
6500	-0.5257	0.8887	4.5906	1.1456	4.609	1.0911	5.9934	1.09069
6600	-0.4650	0.9582	4.6032	1.1460	4.657	1.0967	6.0759	1.09619
6700	-0.4052	1.0268	4.6155	1.1465	4.706	1.1023	6.1573	1.10173
6800	-0.3462	1.0944	4.6275	1.1471	4.754	1.1080	6.2372	1.10731
6900	-0.2881	1.1611	4.6393	1.1479	4.803	1.1137	6.3157	1.11289
7000	-0.2310	1.2267	4.6508	1.1488	4.852	1.1194	6.3925	1.11850
7100	-0.1748	1.2913	4.6620	1.1497	4.901	1.1252	6.4678	1.12413
7200	-0.1196	1.3548	4.6730	1.1506	4.950	1.1309	6.5414	1.12975
7300	-0.0653	1.4173	4.6837	1.1518	4.999	1.1367	6.6134	1.13536
7400	-0.0120	1.4787	4.6943	1.1528	5.048	1.1425	6.6838	1.14097
7500	0.0404	1.5391	4.7045	1.1539	5.098	1.1483	6.7524	1.14658
7600	0.0918	1.5985	4.7146	1.1550	5.147	1.1541	6.8194	1.15217
7700	0.1424	1.6569	4.7244	1.1561	5.196	1.1599	6.8848	1.15774
7800	0.1920	1.7143	4.7340	1.1573	5.246	1.1658	6.9488	1.16328
7900	0.2407	1.7707	4.7434	1.1582	5.294	1.1716	7.0112	1.16879
8000	0.2887	1.8263	4.7526	1.1593	5.344	1.1774	7.0721	1.17426
8100	0.3358	1.8809	4.7617	1.1604	5.393	1.1832	7.1318	1.17970
8200	0.3821	1.9347	4.7706	1.1615	5.442	1.1890	7.1904	1.18508
8300	0.4276	1.9875	4.7793	1.1626	5.491	1.1948	7.2475	1.19044
8400	0.4723	2.0396	4.7878	1.1638	5.540	1.2006	7.3033	1.19574
8500	0.5163	2.0907	4.7962	1.1653	5.590	1.2063	7.3579	1.20101
8600	0.5594	2.1411	4.8044	1.1666	5.639	1.2122	7.4115	1.20624
8700	0.6019	2.1906	4.8125	1.1679	5.689	1.2180	7.4637	1.21142
8800	0.6436	2.2393	4.8204	1.1694	5.739	1.2238	7.5148	1.21656
8900	0.6845	2.2873	4.8282	1.1710	5.789	1.2296	7.5647	1.22165
9000	0.7247	2.3344	4.8358	1.1726	5.839	1.2354	7.6136	1.22670
9100	0.7643	2.3808	4.8433	1.1743	5.890	1.2413	7.6614	1.23170
9200	0.8031	2.4264	4.8507	1.1761	5.940	1.2472	7.7080	1.23666

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	0.8412	2.4713	4.8580	1.1779	5.991	1.2531	7.7535	1.24157
9400	0.8786	2.5154	4.8651	1.1799	6.043	1.2590	7.7979	1.24644
9500	0.9154	2.5589	4.8721	1.1821	6.095	1.2650	7.8413	1.25127
9600	0.9515	2.6016	4.8790	1.1845	6.148	1.2711	7.8840	1.25608
9700	0.9870	2.6436	4.8858	1.1864	6.200	1.2772	7.9256	1.26085
9800	1.0218	2.6850	4.8925	1.1881	6.251	1.2833	7.9662	1.26556
9900	1.0561	2.7257	4.8990	1.1901	6.303	1.2894	8.0058	1.27022
10000	1.0898	2.7658	4.9055	1.1920	6.355	1.2956	8.0446	1.27481
10100	1.1229	2.8054	4.9119	1.1897	6.396	1.3018	8.0826	1.27931
10200	1.1576	2.8466	4.9188	1.1922	6.450	1.3084	8.1316	1.28397
10300	1.1897	2.8850	4.9250	1.1991	6.516	1.3148	8.1682	1.28841
10400	1.2212	2.9228	4.9310	1.2017	6.571	1.3212	8.2036	1.29276
10500	1.2519	2.9598	4.9370	1.2040	6.625	1.3276	8.2382	1.29706
10600	1.2825	2.9966	4.9429	1.2064	6.679	1.3341	8.2723	1.30131
10700	1.3123	3.0326	4.9488	1.2094	6.736	1.3407	8.3059	1.30552
10800	1.3417	3.0682	4.9545	1.2120	6.791	1.3473	8.3381	1.30961
10900	1.3707	3.1034	4.9602	1.2152	6.849	1.3541	8.3706	1.31372
11000	1.3991	3.1380	4.9658	1.2177	6.904	1.3610	8.4023	1.31776
11100	1.4271	3.1720	4.9713	1.2205	6.961	1.3678	8.4327	1.32171
11200	1.4546	3.2057	4.9768	1.2238	7.020	1.3749	8.4636	1.32569
11300	1.4815	3.2386	4.9821	1.2271	7.079	1.3819	8.4927	1.32949
11400	1.5080	3.2713	4.9875	1.2300	7.137	1.3891	8.5221	1.33331
11500	1.5344	3.3037	4.9927	1.2336	7.198	1.3964	8.5513	1.33709
11600	1.5600	3.3353	4.9979	1.2374	7.259	1.4038	8.5794	1.34077
11700	1.5854	3.3668	5.0031	1.2403	7.318	1.4113	8.6073	1.34441
11800	1.6103	3.3977	5.0081	1.2436	7.379	1.4189	8.6347	1.34800
11900	1.6349	3.4284	5.0132	1.2471	7.441	1.4267	8.6622	1.35159
12000	1.6589	3.4583	5.0181	1.2507	7.503	1.4344	8.6884	1.35505
12100	1.6827	3.4881	5.0230	1.2544	7.566	1.4424	8.7148	1.35849
12200	1.7060	3.5175	5.0279	1.2585	7.631	1.4504	8.7407	1.36188
12300	1.7292	3.5466	5.0327	1.2627	7.697	1.4587	8.7668	1.36526
12400	1.7517	3.5752	5.0375	1.2669	7.763	1.4670	8.7918	1.36851
12500	1.7741	3.6035	5.0422	1.2706	7.828	1.4755	8.8172	1.37176
12600	1.7960	3.6315	5.0469	1.2748	7.895	1.4841	8.8421	1.37495
12700	1.8175	3.6589	5.0516	1.2784	7.961	1.4928	8.8665	1.37810
12800	1.8388	3.6861	5.0561	1.2815	8.025	1.5015	8.8904	1.38117
12900	1.8599	3.7132	5.0607	1.2861	8.095	1.5105	8.9145	1.38423
13000	1.8805	3.7398	5.0652	1.2908	8.166	1.5196	8.9388	1.38727
13100	1.9009	3.7661	5.0697	1.2944	8.234	1.5289	8.9624	1.39022
13200	1.9210	3.7921	5.0741	1.2997	8.307	1.5382	8.9857	1.39311
13300	1.9406	3.8177	5.0785	1.3037	8.377	1.5477	9.0092	1.39598
13400	1.9602	3.8433	5.0829	1.3079	8.448	1.5574	9.0329	1.39883
13500	1.9793	3.8683	5.0873	1.3125	8.521	1.5671	9.0558	1.40160
13600	1.9983	3.8933	5.0916	1.3157	8.590	1.5771	9.0792	1.40435
13700	2.0169	3.9179	5.0959	1.3194	8.661	1.5871	9.1022	1.40708
13800	2.0353	3.9422	5.1001	1.3222	8.730	1.5972	9.1251	1.40977
13900	2.0537	3.9665	5.1044	1.3262	8.803	1.6075	9.1483	1.41245
14000	2.0716	3.9903	5.1085	1.3310	8.879	1.6178	9.1710	1.41504
14100	2.0894	4.0140	5.1127	1.3343	8.950	1.6284	9.1945	1.41769
14200	2.1070	4.0375	5.1169	1.3363	9.019	1.6391	9.2180	1.42030
14300	2.1245	4.0609	5.1211	1.3394	9.091	1.6499	9.2413	1.42286
14400	2.1417	4.0840	5.1252	1.3426	9.163	1.6608	9.2649	1.42542
14500	2.1588	4.1069	5.1293	1.3440	9.230	1.6717	9.2888	1.42798
14600	2.1757	4.1297	5.1334	1.3447	9.295	1.6827	9.3129	1.43054
14700	2.1927	4.1525	5.1376	1.3445	9.357	1.6940	9.3382	1.43320

S/R= 35.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	2.2094	4.1750	5.1417	1.3432	9.415	1.7050	9.3631	1.43583
14900	2.2263	4.1976	5.1458	1.3388	9.462	1.7163	9.3897	1.43863
15000	2.2433	4.2203	5.1500	1.3354	9.512	1.7274	9.4170	1.44153

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.6843	-7.1207	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-5.9314	-6.0668	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.4909	-5.4502	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.1775	-5.0118	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-4.9318	-4.6692	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.7270	-4.3853	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.5490	-4.1403	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.3902	-3.9235	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.2460	-3.7281	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.1134	-3.5496	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-3.9911	-3.3859	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.8772	-3.2342	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.7706	-3.0928	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-3.6704	-2.9605	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.5759	-2.8361	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-3.4866	-2.7187	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.4019	-2.6077	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.3214	-2.5024	3.8399	1.3072	2.481	1.0000	3.8426	1.00000
1900	-3.2447	-2.4022	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-3.1659	-2.3012	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.0951	-2.2093	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.0274	-2.1214	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-2.9623	-2.0370	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.8998	-1.9559	3.9795	1.2948	2.851	1.0000	3.9743	1.00000
2500	-2.8395	-1.8779	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-2.7814	-1.8028	4.0179	1.2926	2.965	1.0000	4.0079	1.00000
2700	-2.7252	-1.7302	4.0359	1.2913	3.020	1.0000	4.0229	1.00001
2800	-2.6709	-1.6601	4.0534	1.2903	3.074	1.0000	4.0383	1.00001
2900	-2.6183	-1.5923	4.0701	1.2891	3.127	1.0000	4.0526	1.00002
3000	-2.5672	-1.5264	4.0863	1.2874	3.178	1.0000	4.0661	1.00004
3100	-2.5175	-1.4625	4.1021	1.2857	3.228	1.0001	4.0804	1.00007
3200	-2.4690	-1.4002	4.1173	1.2834	3.277	1.0001	4.0938	1.00012
3300	-2.4215	-1.3393	4.1321	1.2805	3.324	1.0002	4.1079	1.00018
3400	-2.3748	-1.2796	4.1467	1.2767	3.370	1.0003	4.1231	1.00029
3500	-2.3287	-1.2209	4.1609	1.2723	3.413	1.0005	4.1380	1.00045
3600	-2.2830	-1.1628	4.1749	1.2668	3.455	1.0007	4.1551	1.00067
3700	-2.2374	-1.1052	4.1887	1.2602	3.493	1.0010	4.1733	1.00096
3800	-2.1916	-1.0476	4.2025	1.2527	3.531	1.0014	4.1950	1.00137
3900	-2.1454	-0.9899	4.2163	1.2447	3.566	1.0019	4.2189	1.00189
4000	-2.0984	-0.9317	4.2300	1.2359	3.600	1.0026	4.2457	1.00258
4100	-2.0504	-0.8725	4.2439	1.2265	3.633	1.0034	4.2770	1.00343
4200	-2.0012	-0.8124	4.2580	1.2171	3.664	1.0045	4.3123	1.00450
4300	-1.9505	-0.7509	4.2723	1.2080	3.696	1.0058	4.3534	1.00580
4400	-1.8982	-0.6879	4.2867	1.1992	3.728	1.0074	4.3983	1.00734
4500	-1.8441	-0.6233	4.3015	1.1910	3.761	1.0092	4.4495	1.00917
4600	-1.7882	-0.5570	4.3164	1.1836	3.795	1.0113	4.5049	1.01128
4700	-1.7306	-0.4890	4.3316	1.1768	3.829	1.0137	4.5657	1.01367
4800	-1.6713	-0.4194	4.3470	1.1707	3.865	1.0164	4.6316	1.01636

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4900	-1.6104	-0.3483	4.3625	1.1657	3.902	1.0194	4.7023	1.01936
5000	-1.5482	-0.2758	4.3781	1.1642	3.946	1.0227	4.7766	1.02262
5100	-1.4867	-0.2043	4.3935	1.1603	3.985	1.0263	4.8526	1.02627
5200	-1.4221	-0.1296	4.4092	1.1541	4.021	1.0301	4.9336	1.03009
5300	-1.3567	-0.0542	4.4248	1.1512	4.062	1.0342	5.0176	1.03415
5400	-1.2906	0.0218	4.4403	1.1490	4.105	1.0385	5.1039	1.03843
5500	-1.2241	0.0982	4.4557	1.1472	4.148	1.0430	5.1919	1.04291
5600	-1.1573	0.1747	4.4709	1.1459	4.193	1.0477	5.2812	1.04758
5700	-1.0906	0.2512	4.4859	1.1449	4.238	1.0526	5.3712	1.05244
5800	-1.0240	0.3274	4.5007	1.1441	4.284	1.0576	5.4616	1.05745
5900	-0.9576	0.4032	4.5153	1.1437	4.331	1.0628	5.5521	1.06260
6000	-0.8917	0.4786	4.5296	1.1435	4.378	1.0681	5.6424	1.06787
6100	-0.8265	0.5532	4.5436	1.1435	4.425	1.0735	5.7318	1.07323
6200	-0.7618	0.6271	4.5574	1.1436	4.473	1.0789	5.8206	1.07868
6300	-0.6979	0.7003	4.5708	1.1438	4.521	1.0845	5.9085	1.08421
6400	-0.6347	0.7726	4.5840	1.1440	4.569	1.0901	5.9952	1.08979
6500	-0.5723	0.8440	4.5969	1.1443	4.617	1.0958	6.0809	1.09544
6600	-0.5107	0.9145	4.6095	1.1448	4.665	1.1016	6.1653	1.10111
6700	-0.4500	0.9840	4.6218	1.1453	4.714	1.1074	6.2483	1.10682
6800	-0.3902	1.0525	4.6339	1.1459	4.763	1.1132	6.3299	1.11256
6900	-0.3313	1.1200	4.6457	1.1468	4.812	1.1190	6.4099	1.11829
7000	-0.2734	1.1864	4.6572	1.1477	4.861	1.1249	6.4882	1.12406
7100	-0.2166	1.2516	4.6685	1.1487	4.911	1.1308	6.5649	1.12983
7200	-0.1607	1.3158	4.6795	1.1497	4.960	1.1367	6.6398	1.13559
7300	-0.1058	1.3790	4.6902	1.1508	5.010	1.1426	6.7128	1.14135
7400	-0.0520	1.4410	4.7007	1.1519	5.060	1.1485	6.7842	1.14710
7500	0.0010	1.5020	4.7110	1.1530	5.109	1.1544	6.8540	1.15284
7600	0.0529	1.5619	4.7210	1.1541	5.159	1.1604	6.9219	1.15857
7700	0.1039	1.6208	4.7309	1.1553	5.209	1.1663	6.9881	1.16426
7800	0.1540	1.6787	4.7405	1.1565	5.258	1.1722	7.0528	1.16993
7900	0.2032	1.7356	4.7499	1.1573	5.307	1.1781	7.1160	1.17556
8000	0.2515	1.7915	4.7591	1.1584	5.357	1.1840	7.1777	1.18115
8100	0.2990	1.8466	4.7681	1.1596	5.406	1.1899	7.2380	1.18670
8200	0.3456	1.9007	4.7770	1.1607	5.455	1.1958	7.2971	1.19221
8300	0.3915	1.9540	4.7857	1.1618	5.505	1.2017	7.3548	1.19767
8400	0.4365	2.0063	4.7942	1.1630	5.554	1.2075	7.4112	1.20309
8500	0.4808	2.0578	4.8025	1.1644	5.604	1.2134	7.4662	1.20846
8600	0.5243	2.1085	4.8107	1.1658	5.654	1.2193	7.5201	1.21379
8700	0.5670	2.1583	4.8188	1.1672	5.704	1.2252	7.5728	1.21908
8800	0.6089	2.2073	4.8267	1.1686	5.754	1.2310	7.6243	1.22432
8900	0.6501	2.2555	4.8344	1.1700	5.804	1.2369	7.6745	1.22951
9000	0.6906	2.3028	4.8421	1.1716	5.854	1.2428	7.7235	1.23466
9100	0.7304	2.3495	4.8495	1.1734	5.905	1.2487	7.7715	1.23975
9200	0.7694	2.3953	4.8569	1.1752	5.956	1.2546	7.8184	1.24480
9300	0.8078	2.4404	4.8641	1.1769	6.007	1.2606	7.8642	1.24981
9400	0.8454	2.4847	4.8712	1.1787	6.058	1.2665	7.9087	1.25477
9500	0.8824	2.5284	4.8782	1.1809	6.110	1.2725	7.9523	1.25970
9600	0.9186	2.5712	4.8851	1.1832	6.163	1.2786	7.9949	1.26459
9700	0.9543	2.6135	4.8918	1.1853	6.215	1.2847	8.0366	1.26944
9800	0.9893	2.6550	4.8985	1.1870	6.266	1.2908	8.0774	1.27424
9900	1.0238	2.6959	4.9050	1.1887	6.318	1.2969	8.1171	1.27898
10000	1.0576	2.7362	4.9115	1.1905	6.369	1.3031	8.1559	1.28366
10100	1.0909	2.7759	4.9178	1.1882	6.410	1.3093	8.1938	1.28824
10200	1.1258	2.8172	4.9247	1.1906	6.464	1.3158	8.2427	1.29298
10300	1.1580	2.8557	4.9308	1.1976	6.531	1.3222	8.2792	1.29750

S/R= 35.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10400	1.1896	2.8936	4.9369	1.2003	6.585	1.3286	8.3147	1.30193
10500	1.2205	2.9307	4.9428	1.2021	6.638	1.3349	8.3492	1.30631
10600	1.2512	2.9676	4.9487	1.2043	6.692	1.3414	8.3832	1.31064
10700	1.2811	3.0038	4.9545	1.2072	6.747	1.3479	8.4166	1.31493
10800	1.3107	3.0395	4.9602	1.2097	6.802	1.3545	8.4486	1.31909
10900	1.3398	3.0747	4.9659	1.2128	6.860	1.3612	8.4809	1.32327
11000	1.3683	3.1094	4.9714	1.2159	6.917	1.3679	8.5124	1.32738
11100	1.3964	3.1435	4.9769	1.2186	6.973	1.3748	8.5429	1.33140
11200	1.4240	3.1773	4.9824	1.2211	7.030	1.3817	8.5735	1.33545
11300	1.4510	3.2103	4.9877	1.2242	7.087	1.3886	8.6022	1.33932
11400	1.4777	3.2429	4.9930	1.2269	7.144	1.3956	8.6314	1.34321
11500	1.5042	3.2755	4.9982	1.2305	7.205	1.4028	8.6602	1.34707
11600	1.5298	3.3071	5.0034	1.2341	7.265	1.4100	8.6879	1.35081
11700	1.5554	3.3386	5.0085	1.2372	7.325	1.4174	8.7156	1.35451
11800	1.5803	3.3696	5.0135	1.2411	7.387	1.4249	8.7427	1.35817
11900	1.6051	3.4003	5.0186	1.2440	7.447	1.4326	8.7701	1.36184
12000	1.6292	3.4303	5.0235	1.2468	7.506	1.4401	8.7958	1.36536
12100	1.6531	3.4602	5.0283	1.2503	7.568	1.4479	8.8218	1.36887
12200	1.6765	3.4895	5.0332	1.2542	7.632	1.4557	8.8472	1.37232
12300	1.6998	3.5187	5.0380	1.2583	7.697	1.4638	8.8730	1.37577
12400	1.7224	3.5473	5.0427	1.2624	7.762	1.4719	8.8974	1.37908
12500	1.7448	3.5757	5.0474	1.2660	7.826	1.4801	8.9222	1.38240
12600	1.7669	3.6036	5.0520	1.2708	7.895	1.4885	8.9467	1.38565
12700	1.7885	3.6311	5.0566	1.2747	7.961	1.4970	8.9710	1.38886
12800	1.8098	3.6583	5.0612	1.2769	8.022	1.5056	8.9944	1.39199
12900	1.8310	3.6854	5.0657	1.2809	8.089	1.5143	9.0180	1.39511
13000	1.8517	3.7120	5.0702	1.2853	8.158	1.5231	9.0417	1.39822
13100	1.8722	3.7384	5.0746	1.2889	8.225	1.5321	9.0646	1.40123
13200	1.8924	3.7644	5.0790	1.2938	8.296	1.5412	9.0873	1.40418
13300	1.9121	3.7900	5.0834	1.2977	8.365	1.5503	9.1101	1.40710
13400	1.9318	3.8156	5.0877	1.3020	8.436	1.5598	9.1333	1.41002
13500	1.9509	3.8406	5.0920	1.3064	8.507	1.5692	9.1555	1.41284
13600	1.9700	3.8655	5.0963	1.3102	8.577	1.5789	9.1781	1.41564
13700	1.9888	3.8901	5.1006	1.3145	8.650	1.5886	9.2009	1.41844
13800	2.0072	3.9144	5.1048	1.3164	8.714	1.5985	9.2233	1.42118
13900	2.0257	3.9387	5.1090	1.3196	8.784	1.6085	9.2458	1.42392
14000	2.0437	3.9625	5.1131	1.3244	8.859	1.6184	9.2678	1.42656
14100	2.0616	3.9862	5.1173	1.3279	8.930	1.6287	9.2904	1.42926
14200	2.0792	4.0097	5.1214	1.3301	8.997	1.6390	9.3131	1.43192
14300	2.0968	4.0330	5.1255	1.3333	9.068	1.6494	9.3353	1.43451
14400	2.1140	4.0561	5.1296	1.3367	9.141	1.6600	9.3582	1.43711
14500	2.1311	4.0789	5.1336	1.3387	9.208	1.6706	9.3810	1.43970
14600	2.1480	4.1016	5.1377	1.3399	9.274	1.6812	9.4040	1.44227
14700	2.1650	4.1243	5.1417	1.3405	9.338	1.6921	9.4281	1.44494
14800	2.1817	4.1467	5.1458	1.3404	9.399	1.7029	9.4518	1.44756
14900	2.1984	4.1692	5.1499	1.3375	9.451	1.7138	9.4770	1.45033
15000	2.2153	4.1917	5.1539	1.3351	9.504	1.7247	9.5027	1.45316

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.7711	-7.2075	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-6.0183	-6.1536	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.5777	-5.5370	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.2643	-5.0987	3.1470	1.3968	1.209	1.0000	3.5072	1.00000

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-5.0187	-4.7561	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.8139	-4.4721	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.6359	-4.2272	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.4770	-4.0103	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.3328	-3.8150	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.2003	-3.6365	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.0780	-3.4728	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-3.9640	-3.3211	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.8574	-3.1797	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-3.7572	-3.0473	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.6628	-2.9229	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-3.5735	-2.8056	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.4888	-2.6945	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.4083	-2.5892	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-3.3316	-2.4890	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-3.2527	-2.3881	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.1820	-2.2961	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-3.1143	-2.2082	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.0492	-2.1238	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-2.9866	-2.0428	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-2.9263	-1.9648	3.9991	1.2937	2.908	1.0000	3.9919	1.00000
2600	-2.8682	-1.8896	4.0179	1.2926	2.965	1.0000	4.0079	1.00000
2700	-2.8121	-1.8171	4.0359	1.2913	3.019	1.0000	4.0230	1.00001
2800	-2.7577	-1.7470	4.0534	1.2902	3.074	1.0000	4.0384	1.00001
2900	-2.7051	-1.6791	4.0701	1.2889	3.126	1.0000	4.0526	1.00002
3000	-2.6540	-1.6132	4.0863	1.2873	3.178	1.0000	4.0663	1.00004
3100	-2.6042	-1.5492	4.1021	1.2854	3.228	1.0001	4.0807	1.00008
3200	-2.5556	-1.4868	4.1173	1.2828	3.277	1.0001	4.0942	1.00013
3300	-2.5080	-1.4258	4.1322	1.2797	3.323	1.0002	4.1086	1.00020
3400	-2.4612	-1.3660	4.1468	1.2758	3.368	1.0003	4.1241	1.00032
3500	-2.4149	-1.3070	4.1610	1.2709	3.411	1.0005	4.1396	1.00050
3600	-2.3689	-1.2487	4.1751	1.2650	3.452	1.0007	4.1574	1.00073
3700	-2.3229	-1.1906	4.1890	1.2578	3.490	1.0011	4.1764	1.00106
3800	-2.2765	-1.1325	4.2030	1.2499	3.527	1.0015	4.1993	1.00151
3900	-2.2296	-1.0741	4.2169	1.2415	3.562	1.0021	4.2247	1.00209
4000	-2.1819	-1.0150	4.2308	1.2322	3.595	1.0028	4.2533	1.00284
4100	-2.1329	-0.9549	4.2449	1.2225	3.627	1.0038	4.2867	1.00377
4200	-2.0826	-0.8936	4.2592	1.2128	3.659	1.0050	4.3246	1.00494
4300	-2.0305	-0.8307	4.2738	1.2036	3.690	1.0064	4.3686	1.00636
4400	-1.9767	-0.7662	4.2886	1.1947	3.723	1.0081	4.4167	1.00804
4500	-1.9210	-0.6999	4.3037	1.1866	3.755	1.0100	4.4715	1.01001
4600	-1.8634	-0.6318	4.3189	1.1793	3.789	1.0123	4.5307	1.01229
4700	-1.8040	-0.5619	4.3344	1.1726	3.824	1.0149	4.5955	1.01487
4800	-1.7428	-0.4903	4.3501	1.1668	3.861	1.0178	4.6656	1.01775
4900	-1.6799	-0.4171	4.3660	1.1620	3.899	1.0210	4.7406	1.02095
5000	-1.6157	-0.3427	4.3819	1.1606	3.943	1.0245	4.8191	1.02443
5100	-1.5523	-0.2690	4.3977	1.1568	3.983	1.0283	4.8995	1.02831
5200	-1.4958	-0.1924	4.4136	1.1511	4.020	1.0324	4.9847	1.03234
5300	-1.4185	-0.1150	4.4295	1.1485	4.062	1.0367	5.0726	1.03662
5400	-1.3506	-0.0371	4.4453	1.1464	4.106	1.0412	5.1628	1.04112
5500	-1.2824	0.0411	4.4609	1.1448	4.150	1.0459	5.2545	1.04582
5600	-1.2140	0.1193	4.4763	1.1437	4.195	1.0508	5.3472	1.05071
5700	-1.1457	0.1974	4.4915	1.1429	4.241	1.0559	5.4406	1.05578
5800	-1.0776	0.2751	4.5065	1.1422	4.288	1.0611	5.5342	1.06100
5900	-1.0099	0.3525	4.5212	1.1419	4.335	1.0665	5.6277	1.06635

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-0.9427	0.4292	4.5356	1.1419	4.382	1.0720	5.7207	1.07182
6100	-0.8762	0.5052	4.5497	1.1420	4.430	1.0776	5.8128	1.07737
6200	-0.8104	0.5803	4.5635	1.1421	4.479	1.0832	5.9039	1.08301
6300	-0.7454	0.6546	4.5771	1.1423	4.527	1.0890	5.9941	1.08873
6400	-0.6812	0.7279	4.5903	1.1427	4.576	1.0948	6.0829	1.09448
6500	-0.6178	0.8003	4.6032	1.1431	4.625	1.1007	6.1705	1.10030
6600	-0.5553	0.8718	4.6159	1.1436	4.673	1.1066	6.2568	1.10614
6700	-0.4938	0.9422	4.6283	1.1442	4.723	1.1125	6.3416	1.11202
6800	-0.4332	1.0115	4.6404	1.1449	4.772	1.1185	6.4248	1.11792
6900	-0.3736	1.0798	4.6522	1.1457	4.821	1.1245	6.5062	1.12381
7000	-0.3150	1.1469	4.6637	1.1467	4.871	1.1305	6.5859	1.12973
7100	-0.2575	1.2129	4.6750	1.1477	4.921	1.1365	6.6638	1.13564
7200	-0.2010	1.2778	4.6860	1.1487	4.971	1.1425	6.7399	1.14155
7300	-0.1456	1.3415	4.6967	1.1499	5.021	1.1486	6.8141	1.14745
7400	-0.0911	1.4042	4.7072	1.1510	5.071	1.1546	6.8865	1.15334
7500	-0.0377	1.4657	4.7175	1.1522	5.121	1.1607	6.9572	1.15921
7600	0.0147	1.5261	4.7275	1.1532	5.171	1.1667	7.0261	1.16507
7700	0.0662	1.5855	4.7373	1.1544	5.221	1.1727	7.0931	1.17088
7800	0.1167	1.6438	4.7469	1.1556	5.271	1.1788	7.1585	1.17667
7900	0.1663	1.7012	4.7563	1.1566	5.321	1.1848	7.2225	1.18242
8000	0.2150	1.7576	4.7655	1.1577	5.370	1.1908	7.2848	1.18814
8100	0.2629	1.8130	4.7745	1.1588	5.420	1.1968	7.3457	1.19380
9200	0.3099	1.8675	4.7834	1.1599	5.469	1.2028	7.4053	1.19942
8300	0.3561	1.9211	4.7920	1.1611	5.519	1.2087	7.4635	1.20500
8400	0.4014	1.9738	4.8005	1.1623	5.569	1.2147	7.5205	1.21052
8500	0.4460	2.0256	4.8089	1.1636	5.619	1.2206	7.5758	1.21600
8600	0.4897	2.0765	4.8170	1.1650	5.669	1.2265	7.6301	1.22144
8700	0.5327	2.1266	4.8251	1.1663	5.719	1.2325	7.6831	1.22682
8800	0.5749	2.1759	4.8329	1.1678	5.769	1.2384	7.7349	1.23216
8900	0.6164	2.2243	4.8407	1.1692	5.819	1.2444	7.7855	1.23746
9000	0.6571	2.2719	4.8483	1.1707	5.869	1.2503	7.8348	1.24270
9100	0.6970	2.3187	4.8557	1.1724	5.920	1.2562	7.8829	1.24789
9200	0.7363	2.3648	4.8631	1.1742	5.971	1.2622	7.9300	1.25303
9300	0.7748	2.4101	4.8703	1.1761	6.023	1.2682	7.9759	1.25813
9400	0.8127	2.4546	4.8773	1.1778	6.074	1.2742	8.0207	1.26318
9500	0.8498	2.4984	4.8843	1.1797	6.125	1.2802	8.0644	1.26819
9600	0.8863	2.5415	4.8911	1.1820	6.178	1.2863	8.1070	1.27317
9700	0.9221	2.5839	4.8979	1.1840	6.230	1.2924	8.1488	1.27811
9800	0.9573	2.6256	4.9045	1.1860	6.282	1.2985	8.1896	1.28299
9900	0.9919	2.6666	4.9110	1.1877	6.334	1.3047	8.2295	1.28782
10000	1.0259	2.7070	4.9174	1.1891	6.384	1.3108	8.2683	1.29257
10100	1.0594	2.7469	4.9237	1.1867	6.425	1.3170	8.3061	1.29723
10200	1.0944	2.7883	4.9305	1.1891	6.479	1.3235	8.3549	1.30207
10300	1.1267	2.8269	4.9367	1.1960	6.545	1.3298	8.3913	1.30666
10400	1.1585	2.8649	4.9427	1.1989	6.600	1.3361	8.4267	1.31117
10500	1.1895	2.9022	4.9486	1.2008	6.653	1.3425	8.4613	1.31563
10600	1.2203	2.9392	4.9545	1.2026	6.706	1.3489	8.4951	1.32003
10700	1.2504	2.9754	4.9602	1.2051	6.760	1.3554	8.5283	1.32439
10800	1.2800	3.0112	4.9659	1.2076	6.815	1.3618	8.5601	1.32863
10900	1.3092	3.0465	4.9715	1.2106	6.872	1.3685	8.5922	1.33288
11000	1.3379	3.0812	4.9771	1.2136	6.929	1.3752	8.6234	1.33706
11100	1.3661	3.1154	4.9825	1.2168	6.986	1.3819	8.6537	1.34116
11200	1.3938	3.1493	4.9880	1.2193	7.042	1.3888	8.6843	1.34527
11300	1.4209	3.1824	4.9932	1.2217	7.098	1.3956	8.7128	1.34922
11400	1.4477	3.2151	4.9985	1.2240	7.154	1.4025	8.7416	1.35318

S/R= 35.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	1.4743	3.2476	5.0037	1.2275	7.213	1.4096	8.7701	1.35710
11600	1.5000	3.2794	5.0088	1.2310	7.273	1.4166	8.7975	1.36091
11700	1.5257	3.3109	5.0139	1.2341	7.332	1.4239	8.8247	1.36468
11800	1.5507	3.3419	5.0189	1.2379	7.394	1.4312	8.8515	1.36840
11900	1.5756	3.3727	5.0239	1.2415	7.455	1.4387	8.8787	1.37214
12000	1.5997	3.4028	5.0288	1.2442	7.514	1.4462	8.9043	1.37572
12100	1.6237	3.4326	5.0336	1.2466	7.573	1.4538	8.9298	1.37930
12200	1.6473	3.4620	5.0384	1.2503	7.635	1.4614	8.9549	1.38281
12300	1.6706	3.4912	5.0432	1.2542	7.699	1.4693	8.9800	1.38633
12400	1.6933	3.5198	5.0479	1.2582	7.763	1.4772	9.0040	1.38970
12500	1.7159	3.5482	5.0525	1.2617	7.826	1.4852	9.0284	1.39307
12600	1.7380	3.5762	5.0571	1.2663	7.894	1.4934	9.0523	1.39639
12700	1.7597	3.6037	5.0617	1.2705	7.960	1.5017	9.0760	1.39966
12800	1.7811	3.6309	5.0662	1.2733	8.022	1.5101	9.0991	1.40285
12900	1.8024	3.6580	5.0707	1.2768	8.087	1.5186	9.1226	1.40604
13000	1.8232	3.6846	5.0752	1.2803	8.153	1.5272	9.1456	1.40921
13100	1.8438	3.7110	5.0795	1.2836	8.218	1.5359	9.1680	1.41228
13200	1.8640	3.7370	5.0839	1.2885	8.289	1.5447	9.1901	1.41528
13300	1.8838	3.7626	5.0882	1.2922	8.356	1.5536	9.2122	1.41827
13400	1.9036	3.7882	5.0925	1.2963	8.425	1.5627	9.2347	1.42124
13500	1.9228	3.8132	5.0968	1.3007	8.496	1.5718	9.2563	1.42412
13600	1.9420	3.8381	5.1010	1.3043	8.564	1.5812	9.2782	1.42698
13700	1.9608	3.8627	5.1052	1.3089	8.636	1.5907	9.3004	1.42983
13800	1.9793	3.8870	5.1094	1.3115	8.703	1.6003	9.3223	1.43263
13900	1.9979	3.9113	5.1136	1.3144	8.771	1.6101	9.3445	1.43543
14000	2.0159	3.9351	5.1177	1.3186	8.842	1.6197	9.3658	1.43813
14100	2.0339	3.9588	5.1218	1.3217	8.912	1.6296	9.3876	1.44087
14200	2.0516	3.9822	5.1259	1.3239	8.978	1.6396	9.4095	1.44358
14300	2.0692	4.0055	5.1299	1.3274	9.049	1.6497	9.4309	1.44622
14400	2.0865	4.0285	5.1339	1.3309	9.121	1.6599	9.4528	1.44885
14500	2.1036	4.0513	5.1379	1.3330	9.188	1.6701	9.4746	1.45148
14600	2.1205	4.0739	5.1419	1.3347	9.254	1.6805	9.4966	1.45408
14700	2.1375	4.0966	5.1459	1.3362	9.320	1.6910	9.5197	1.45676
14800	2.1541	4.1188	5.1499	1.3370	9.383	1.7015	9.5422	1.45937
14900	2.1708	4.1411	5.1539	1.3355	9.439	1.7121	9.5661	1.46213
15000	2.1876	4.1635	5.1579	1.3340	9.494	1.7227	9.5904	1.46491

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.8580	-7.2944	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-6.1051	-6.2405	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.6646	-5.6239	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.3512	-5.1955	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.1055	-4.8430	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.9007	-4.5590	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.7227	-4.3140	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.5639	-4.0972	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-4.4197	-3.9019	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.2871	-3.7233	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.1648	-3.5597	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.0509	-3.4079	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-3.9443	-3.2666	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-3.8441	-3.1342	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.7497	-3.0098	3.7522	1.3155	2.272	1.0000	3.7681	1.00000

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	-3.6603	-2.8924	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.5756	-2.7814	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.4951	-2.6761	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-3.4184	-2.5759	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-3.3396	-2.4749	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.2688	-2.3830	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-3.2011	-2.2951	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.1360	-2.2107	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.0735	-2.1297	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.0132	-2.0516	3.9991	1.2937	2.908	1.0000	3.9920	1.00000
2600	-2.9551	-1.9765	4.0179	1.2926	2.965	1.0000	4.0079	1.00000
2700	-2.8989	-1.9039	4.0359	1.2912	3.019	1.0000	4.0230	1.00001
2800	-2.8446	-1.8338	4.0534	1.2901	3.073	1.0000	4.0385	1.00001
2900	-2.7919	-1.7659	4.0702	1.2888	3.126	1.0000	4.0523	1.00003
3000	-2.7408	-1.7000	4.0863	1.2870	3.178	1.0000	4.0665	1.00004
3100	-2.6909	-1.6359	4.1021	1.2850	3.228	1.0001	4.0809	1.00009
3200	-2.6423	-1.5735	4.1174	1.2823	3.276	1.0001	4.0947	1.00014
3300	-2.5945	-1.5123	4.1323	1.2789	3.323	1.0002	4.1093	1.00023
3400	-2.5475	-1.4523	4.1469	1.2747	3.367	1.0004	4.1253	1.00036
3500	-2.5010	-1.3931	4.1612	1.2694	3.409	1.0006	4.1413	1.00055
3600	-2.4546	-1.3344	4.1754	1.2630	3.450	1.0008	4.1599	1.00081
3700	-2.4082	-1.2759	4.1894	1.2553	3.487	1.0012	4.1799	1.00117
3800	-2.3612	-1.2171	4.2035	1.2470	3.523	1.0017	4.2041	1.00166
3900	-2.3137	-1.1580	4.2175	1.2380	3.557	1.0023	4.2310	1.00230
4000	-2.2650	-1.0980	4.2316	1.2283	3.590	1.0031	4.2615	1.00312
4100	-2.2150	-1.0368	4.2460	1.2183	3.622	1.0042	4.2974	1.00415
4200	-2.1634	-0.9742	4.2605	1.2083	3.653	1.0054	4.3380	1.00543
4300	-2.1099	-0.9098	4.2754	1.1990	3.685	1.0070	4.3851	1.00696
4400	-2.0546	-0.8437	4.2905	1.1902	3.717	1.0088	4.4367	1.00879
4500	-1.9972	-0.7756	4.3060	1.1821	3.750	1.0109	4.4953	1.01092
4600	-1.9377	-0.7056	4.3216	1.1750	3.785	1.0134	4.5585	1.01337
4700	-1.8764	-0.6337	4.3374	1.1685	3.820	1.0162	4.6275	1.01615
4800	-1.8132	-0.5601	4.3535	1.1630	3.857	1.0193	4.7019	1.01924
4900	-1.7484	-0.4848	4.3697	1.1584	3.896	1.0227	4.7813	1.02265
5000	-1.6822	-0.4083	4.3860	1.1570	3.940	1.0264	4.8642	1.02635
5100	-1.6167	-0.3325	4.4021	1.1536	3.982	1.0305	4.9490	1.03045
5200	-1.5483	-0.2539	4.4183	1.1482	4.020	1.0348	5.0384	1.03471
5300	-1.4791	-0.1745	4.4344	1.1459	4.063	1.0393	5.1304	1.03921
5400	-1.4095	-0.0948	4.4504	1.1440	4.107	1.0440	5.2244	1.04393
5500	-1.3395	-0.0148	4.4663	1.1426	4.152	1.0489	5.3197	1.04886
5600	-1.2695	0.0651	4.4819	1.1417	4.198	1.0541	5.4160	1.05397
5700	-1.1997	0.1448	4.4972	1.1409	4.244	1.0593	5.5127	1.05925
5800	-1.1302	0.2241	4.5123	1.1404	4.292	1.0648	5.6094	1.06467
5900	-1.0611	0.3029	4.5272	1.1402	4.339	1.0704	5.7058	1.07023
6000	-0.9926	0.3810	4.5417	1.1403	4.388	1.0760	5.8015	1.07589
6100	-0.9249	0.4582	4.5559	1.1405	4.436	1.0818	5.8961	1.08164
6200	-0.8580	0.5345	4.5698	1.1407	4.485	1.0877	5.9897	1.08747
6300	-0.7919	0.6099	4.5834	1.1410	4.534	1.0936	6.0819	1.09336
6400	-0.7266	0.6844	4.5967	1.1415	4.583	1.0996	6.1729	1.09930
6500	-0.6624	0.7578	4.6097	1.1420	4.633	1.1056	6.2623	1.10529
6600	-0.5990	0.8301	4.6223	1.1425	4.682	1.1117	6.3504	1.11130
6700	-0.5366	0.9014	4.6347	1.1431	4.731	1.1178	6.4368	1.11733
6800	-0.4753	0.9716	4.6469	1.1439	4.781	1.1239	6.5215	1.12339
6900	-0.4150	1.0406	4.6587	1.1448	4.831	1.1300	6.6044	1.12944
7000	-0.3557	1.1084	4.6702	1.1458	4.882	1.1362	6.6855	1.13550

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-0.2976	1.1751	4.6815	1.1468	4.932	1.1424	6.7646	1.14156
7200	-0.2405	1.2406	4.6925	1.1479	4.982	1.1485	6.8418	1.14761
7300	-0.1845	1.3049	4.7032	1.1490	5.033	1.1547	6.9171	1.15365
7400	-0.1295	1.3681	4.7137	1.1502	5.083	1.1609	6.9904	1.15967
7500	-0.0756	1.4302	4.7240	1.1514	5.133	1.1670	7.0620	1.16568
7600	-0.0227	1.4911	4.7340	1.1525	5.184	1.1732	7.1318	1.17166
7700	0.0292	1.5510	4.7438	1.1537	5.234	1.1793	7.1996	1.17760
7800	0.0802	1.6098	4.7534	1.1549	5.284	1.1855	7.2658	1.18351
7900	0.1302	1.6675	4.7628	1.1559	5.334	1.1916	7.3303	1.18939
8000	0.1793	1.7243	4.7719	1.1570	5.384	1.1977	7.3934	1.19522
8100	0.2275	1.7801	4.7809	1.1580	5.434	1.2038	7.4549	1.20100
8200	0.2748	1.8349	4.7897	1.1591	5.484	1.2098	7.5149	1.20673
8300	0.3213	1.8889	4.7984	1.1604	5.534	1.2159	7.5736	1.21241
8400	0.3669	1.9419	4.8069	1.1616	5.584	1.2219	7.6309	1.21804
8500	0.4118	1.9940	4.8152	1.1629	5.634	1.2279	7.6868	1.22362
8600	0.4558	2.0452	4.8233	1.1642	5.684	1.2339	7.7414	1.22917
8700	0.4990	2.0955	4.8313	1.1655	5.734	1.2399	7.7947	1.23465
8800	0.5415	2.1451	4.8392	1.1671	5.785	1.2459	7.8467	1.24009
8900	0.5832	2.1937	4.8469	1.1686	5.835	1.2519	7.8976	1.24548
9000	0.6241	2.2416	4.8545	1.1699	5.885	1.2579	7.9473	1.25082
9100	0.6643	2.2886	4.8619	1.1715	5.936	1.2639	7.9955	1.25610
9200	0.7037	2.3349	4.8692	1.1734	5.987	1.2699	8.0427	1.26134
9300	0.7424	2.3803	4.8764	1.1753	6.039	1.2759	8.0888	1.26652
9400	0.7805	2.4251	4.8834	1.1770	6.090	1.2820	8.1338	1.27166
9500	0.8178	2.4691	4.8903	1.1788	6.142	1.2880	8.1776	1.27677
9600	0.8544	2.5123	4.8972	1.1809	6.194	1.2941	8.2203	1.28183
9700	0.8904	2.5548	4.9039	1.1828	6.246	1.3002	8.2620	1.28686
9800	0.9258	2.5967	4.9105	1.1848	6.298	1.3063	8.3028	1.29182
9900	0.9605	2.6378	4.9169	1.1867	6.350	1.3125	8.3427	1.29673
10000	0.9947	2.6784	4.9233	1.1882	6.401	1.3187	8.3816	1.30156
10100	1.0283	2.7184	4.9296	1.1855	6.440	1.3248	8.4195	1.30630
10200	1.0634	2.7599	4.9364	1.1876	6.494	1.3313	8.4681	1.31122
10300	1.0959	2.7986	4.9425	1.1945	6.560	1.3376	8.5044	1.31589
10400	1.1277	2.8367	4.9485	1.1973	6.615	1.3439	8.5396	1.32047
10500	1.1589	2.8741	4.9544	1.1995	6.669	1.3502	8.5741	1.32501
10600	1.1898	2.9112	4.9602	1.2013	6.721	1.3566	8.6079	1.32948
10700	1.2200	2.9475	4.9660	1.2034	6.775	1.3631	8.6411	1.33392
10800	1.2498	2.9833	4.9716	1.2056	6.828	1.3695	8.6726	1.33823
10900	1.2791	3.0187	4.9772	1.2086	6.885	1.3760	8.7045	1.34255
11000	1.3078	3.0535	4.9827	1.2115	6.941	1.3826	8.7354	1.34680
11100	1.3361	3.0878	4.9881	1.2146	6.998	1.3893	8.7654	1.35097
11200	1.3640	3.1217	4.9935	1.2175	7.056	1.3961	8.7958	1.35515
11300	1.3912	3.1548	4.9988	1.2199	7.111	1.4028	8.8243	1.35917
11400	1.4180	3.1876	5.0040	1.2217	7.165	1.4097	8.8529	1.36320
11500	1.4447	3.2202	5.0092	1.2248	7.223	1.4166	8.8810	1.36718
11600	1.4706	3.2520	5.0142	1.2281	7.282	1.4236	8.9081	1.37106
11700	1.4963	3.2836	5.0193	1.2311	7.341	1.4306	8.9349	1.37489
11800	1.5214	3.3146	5.0243	1.2349	7.402	1.4378	8.9613	1.37868
11900	1.5463	3.3454	5.0292	1.2384	7.463	1.4452	8.9881	1.38248
12000	1.5706	3.3755	5.0341	1.2416	7.523	1.4525	9.0133	1.38613
12100	1.5947	3.4054	5.0389	1.2440	7.581	1.4600	9.0388	1.38977
12200	1.6183	3.4348	5.0437	1.2469	7.641	1.4675	9.0634	1.39335
12300	1.6417	3.4641	5.0484	1.2505	7.703	1.4752	9.0881	1.39693
12400	1.6645	3.4927	5.0530	1.2541	7.766	1.4829	9.1116	1.40036
12500	1.6872	3.5211	5.0576	1.2576	7.828	1.4908	9.1355	1.40380

S/R= 36.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12600	1.7094	3.5491	5.0622	1.2622	7.895	1.4987	9.1589	1.40717
12700	1.7312	3.5766	5.0668	1.2661	7.960	1.5068	9.1822	1.41051
12800	1.7527	3.6038	5.0712	1.2690	8.022	1.5149	9.2047	1.41376
12900	1.7740	3.6309	5.0757	1.2732	8.089	1.5233	9.2276	1.41701
13000	1.7949	3.6576	5.0801	1.2767	8.153	1.5317	9.2506	1.42024
13100	1.8155	3.6840	5.0845	1.2789	8.215	1.5402	9.2725	1.42337
13200	1.8358	3.7100	5.0888	1.2833	8.283	1.5487	9.2939	1.42643
13300	1.8557	3.7356	5.0931	1.2870	8.349	1.5574	9.3154	1.42947
13400	1.8756	3.7611	5.0973	1.2911	8.418	1.5662	9.3372	1.43250
13500	1.8949	3.7861	5.1015	1.2952	8.487	1.5751	9.3582	1.43543
13600	1.9141	3.8110	5.1057	1.2987	8.554	1.5841	9.3795	1.43835
13700	1.9330	3.8356	5.1099	1.3033	8.625	1.5933	9.4009	1.44125
13800	1.9516	3.8599	5.1140	1.3058	8.690	1.6026	9.4222	1.44411
13900	1.9702	3.8842	5.1182	1.3093	8.759	1.6121	9.4437	1.44696
14000	1.9883	3.9080	5.1222	1.3138	8.831	1.6216	9.4647	1.44972
14100	2.0063	3.9316	5.1263	1.3162	8.898	1.6312	9.4860	1.45252
14200	2.0241	3.9551	5.1303	1.3179	8.961	1.6409	9.5071	1.45528
14300	2.0417	3.9783	5.1343	1.3215	9.032	1.6507	9.5278	1.45796
14400	2.0591	4.0013	5.1383	1.3253	9.103	1.6605	9.5487	1.46064
14500	2.0762	4.0240	5.1423	1.3275	9.170	1.6704	9.5697	1.46330
14600	2.0931	4.0465	5.1462	1.3296	9.236	1.6804	9.5907	1.46593
14700	2.1101	4.0691	5.1502	1.3315	9.302	1.6907	9.6127	1.46864
14800	2.1268	4.0913	5.1541	1.3331	9.367	1.7008	9.6342	1.47126
14900	2.1434	4.1135	5.1580	1.3328	9.427	1.7112	9.6569	1.47401
15000	2.1600	4.1357	5.1620	1.3318	9.483	1.7215	9.6798	1.47676

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
100	-6.9448	-7.3812	2.5428	1.3998	0.605	1.0000	3.4901	1.00000
200	-6.1920	-6.3273	2.8445	1.3998	0.856	1.0000	3.4955	1.00000
300	-5.7515	-5.7107	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.4381	-5.2724	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.1924	-4.9298	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-4.9876	-4.6459	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.8096	-4.4009	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.6507	-4.1841	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.5066	-3.9887	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.3740	-3.8102	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.2517	-3.6465	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.1378	-3.4948	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.0311	-3.3534	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-3.9310	-3.2211	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.8365	-3.0966	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-3.7472	-2.9793	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.6625	-2.8683	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.5820	-2.7629	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-3.5053	-2.6628	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-3.4264	-2.5618	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.3557	-2.4699	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-3.2880	-2.3819	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.2229	-2.2976	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.1603	-2.2165	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.1000	-2.1385	3.9991	1.2938	2.908	1.0000	3.9920	1.00000
2600	-3.0419	-2.0634	4.0179	1.2926	2.965	1.0000	4.0079	1.00000

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	-2.9858	-1.9908	4.0359	1.2912	3.019	1.0000	4.0230	1.00001
2800	-2.9314	-1.9206	4.0534	1.2900	3.073	1.0000	4.0385	1.00001
2900	-2.8787	-1.8527	4.0702	1.2886	3.126	1.0000	4.0529	1.00003
3000	-2.8275	-1.7868	4.0864	1.2867	3.177	1.0001	4.0667	1.00005
3100	-2.7776	-1.7226	4.1022	1.2845	3.227	1.0001	4.0813	1.00010
3200	-2.7289	-1.6601	4.1174	1.2817	3.275	1.0002	4.0953	1.00016
3300	-2.6810	-1.5987	4.1324	1.2781	3.322	1.0002	4.1102	1.00025
3400	-2.6338	-1.5386	4.1471	1.2735	3.366	1.0004	4.1266	1.00039
3500	-2.5870	-1.4790	4.1614	1.2677	3.407	1.0006	4.1432	1.00060
3600	-2.5403	-1.4200	4.1757	1.2609	3.447	1.0009	4.1626	1.00089
3700	-2.4933	-1.3610	4.1898	1.2527	3.484	1.0013	4.1837	1.00130
3800	-2.4458	-1.3016	4.2040	1.2439	3.519	1.0018	4.2093	1.00183
3900	-2.3974	-1.2416	4.2182	1.2343	3.553	1.0025	4.2380	1.00253
4000	-2.3478	-1.1806	4.2326	1.2242	3.585	1.0034	4.2706	1.00344
4100	-2.2966	-1.1183	4.2472	1.2141	3.616	1.0046	4.3090	1.00456
4200	-2.2437	-1.0543	4.2620	1.2039	3.647	1.0060	4.3526	1.00595
4300	-2.1887	-0.9883	4.2772	1.1945	3.679	1.0076	4.4030	1.00762
4400	-2.1317	-0.9205	4.2926	1.1857	3.711	1.0096	4.4583	1.00960
4500	-2.0725	-0.8505	4.3084	1.1777	3.745	1.0119	4.5209	1.01191
4600	-2.0111	-0.7785	4.3244	1.1708	3.780	1.0146	4.5883	1.01454
4700	-1.9478	-0.7046	4.3406	1.1646	3.816	1.0175	4.6617	1.01752
4800	-1.8826	-0.6288	4.3571	1.1593	3.854	1.0208	4.7406	1.02082
4900	-1.8157	-0.5514	4.3737	1.1550	3.894	1.0245	4.8245	1.02445
5000	-1.7474	-0.4727	4.3902	1.1537	3.939	1.0284	4.9118	1.02838
5100	-1.6799	-0.3947	4.4066	1.1504	3.981	1.0327	5.0012	1.03271
5200	-1.6096	-0.3141	4.4231	1.1455	4.020	1.0372	5.0948	1.03720
5300	-1.5385	-0.2328	4.4395	1.1434	4.063	1.0420	5.1908	1.04193
5400	-1.4670	-0.1511	4.4557	1.1417	4.108	1.0469	5.2887	1.04687
5500	-1.3954	-0.0694	4.4718	1.1405	4.154	1.0521	5.3877	1.05202
5600	-1.3238	0.0122	4.4876	1.1397	4.201	1.0574	5.4874	1.05735
5700	-1.2525	0.0935	4.5031	1.1391	4.248	1.0629	5.5874	1.06284
5800	-1.1815	0.1743	4.5183	1.1387	4.296	1.0686	5.6871	1.06847
5900	-1.1111	0.2545	4.5333	1.1386	4.344	1.0743	5.7863	1.07423
6000	-1.0413	0.3340	4.5479	1.1388	4.393	1.0802	5.8847	1.08009
6100	-0.9724	0.4124	4.5622	1.1391	4.443	1.0862	5.9818	1.08603
6200	-0.9044	0.4899	4.5761	1.1394	4.492	1.0922	6.0777	1.09204
6300	-0.8373	0.5664	4.5898	1.1398	4.541	1.0983	6.1721	1.09812
6400	-0.7711	0.6419	4.6031	1.1403	4.591	1.1045	6.2650	1.10423
6500	-0.7059	0.7162	4.6161	1.1409	4.641	1.1107	6.3563	1.11039
6600	-0.6417	0.7895	4.6288	1.1414	4.691	1.1169	6.4461	1.11656
6700	-0.5785	0.8616	4.6413	1.1421	4.741	1.1232	6.5340	1.12276
6800	-0.5164	0.9325	4.6534	1.1430	4.791	1.1294	6.6203	1.12897
6900	-0.4554	1.0023	4.6652	1.1439	4.842	1.1357	6.7045	1.13517
7000	-0.3955	1.0708	4.6768	1.1450	4.892	1.1420	6.7869	1.14138
7100	-0.3368	1.1381	4.6880	1.1460	4.943	1.1483	6.8672	1.14759
7200	-0.2791	1.2043	4.6990	1.1471	4.994	1.1546	6.9454	1.15378
7300	-0.2226	1.2692	4.7098	1.1482	5.044	1.1609	7.0217	1.15996
7400	-0.1671	1.3329	4.7203	1.1494	5.095	1.1672	7.0961	1.16611
7500	-0.1127	1.3955	4.7305	1.1506	5.146	1.1735	7.1684	1.17224
7600	-0.0593	1.4569	4.7405	1.1518	5.197	1.1798	7.2390	1.17835
7700	-0.0070	1.5172	4.7503	1.1529	5.247	1.1860	7.3077	1.18442
7800	0.0443	1.5764	4.7598	1.1541	5.298	1.1923	7.3745	1.19045
7900	0.0947	1.6346	4.7692	1.1552	5.348	1.1985	7.4396	1.19644
8000	0.1442	1.6917	4.7783	1.1564	5.398	1.2047	7.5032	1.20239
8100	0.1927	1.7479	4.7873	1.1574	5.448	1.2109	7.5654	1.20828

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	0.2404	1.8031	4.7961	1.1585	5.498	1.2170	7.6260	1.21412
8300	0.2872	1.8573	4.8047	1.1597	5.549	1.2231	7.6850	1.21991
8400	0.3331	1.9106	4.8132	1.1610	5.599	1.2292	7.7427	1.22565
8500	0.3782	1.9630	4.8215	1.1623	5.649	1.2353	7.7989	1.23133
8600	0.4225	2.0145	4.8296	1.1635	5.699	1.2414	7.8540	1.23697
8700	0.4659	2.0651	4.8376	1.1648	5.750	1.2475	7.9075	1.24256
8800	0.5086	2.1148	4.8454	1.1664	5.801	1.2535	7.9598	1.24809
8900	0.5505	2.1637	4.8531	1.1679	5.851	1.2596	8.0109	1.25358
9000	0.5916	2.2118	4.8606	1.1692	5.902	1.2657	8.0608	1.25902
9100	0.6320	2.2591	4.8680	1.1707	5.952	1.2717	8.1093	1.26439
9200	0.6717	2.3055	4.8753	1.1725	6.004	1.2777	8.1565	1.26972
9300	0.7106	2.3511	4.8824	1.1744	6.055	1.2838	8.2027	1.27499
9400	0.7488	2.3960	4.8895	1.1763	6.107	1.2899	8.2477	1.28022
9500	0.7863	2.4402	4.8964	1.1781	6.159	1.2960	8.2918	1.28541
9600	0.8231	2.4836	4.9032	1.1799	6.210	1.3021	8.3345	1.29056
9700	0.8592	2.5263	4.9098	1.1817	6.262	1.3082	8.3763	1.29567
9800	0.8947	2.5682	4.9164	1.1837	6.314	1.3143	8.4170	1.30071
9900	0.9296	2.6096	4.9228	1.1856	6.366	1.3205	8.4569	1.30570
10000	0.9639	2.6502	4.9292	1.1873	6.418	1.3267	8.4958	1.31062
10100	0.9976	2.6903	4.9355	1.1846	6.457	1.3328	8.5338	1.31543
10200	1.0329	2.7319	4.9422	1.1864	6.510	1.3393	8.5822	1.32043
10300	1.0654	2.7708	4.9483	1.1931	6.576	1.3456	8.6184	1.32518
10400	1.0974	2.8090	4.9542	1.1958	6.631	1.3518	8.6534	1.32984
10500	1.1287	2.8464	4.9601	1.1980	6.684	1.3581	8.6878	1.33444
10600	1.1597	2.8836	4.9659	1.2000	6.737	1.3645	8.7215	1.33900
10700	1.1900	2.9200	4.9716	1.2022	6.791	1.3709	8.7546	1.34351
10800	1.2199	2.9559	4.9772	1.2040	6.843	1.3773	8.7860	1.34788
10900	1.2493	2.9914	4.9828	1.2067	6.899	1.3838	8.8176	1.35228
11000	1.2782	3.0263	4.9883	1.2095	6.955	1.3903	8.8483	1.35660
11100	1.3065	3.0606	4.9936	1.2125	7.012	1.3969	8.8781	1.36083
11200	1.3344	3.0945	4.9990	1.2154	7.068	1.4036	8.9082	1.36509
11300	1.3617	3.1277	5.0042	1.2181	7.125	1.4102	8.9364	1.36916
11400	1.3887	3.1606	5.0094	1.2201	7.179	1.4170	8.9648	1.37326
11500	1.4154	3.1932	5.0146	1.2226	7.236	1.4239	8.9928	1.37731
11600	1.4414	3.2250	5.0196	1.2254	7.293	1.4308	9.0195	1.38125
11700	1.4672	3.2566	5.0246	1.2283	7.350	1.4377	9.0459	1.38515
11800	1.4924	3.2877	5.0296	1.2320	7.411	1.4448	9.0720	1.38901
11900	1.5174	3.3185	5.0345	1.2355	7.471	1.4520	9.0983	1.39287
12000	1.5418	3.3486	5.0393	1.2386	7.531	1.4592	9.1231	1.39658
12100	1.5659	3.3786	5.0441	1.2415	7.590	1.4665	9.1482	1.40029
12200	1.5896	3.4080	5.0489	1.2444	7.650	1.4740	9.1726	1.40393
12300	1.6131	3.4373	5.0536	1.2473	7.709	1.4815	9.1971	1.40757
12400	1.6360	3.4659	5.0582	1.2506	7.770	1.4890	9.2201	1.41106
12500	1.6587	3.4943	5.0627	1.2538	7.832	1.4967	9.2435	1.41456
12600	1.6810	3.5223	5.0673	1.2581	7.897	1.5044	9.2664	1.41799
12700	1.7028	3.5499	5.0718	1.2620	7.961	1.5123	9.2891	1.42139
12800	1.7244	3.5771	5.0762	1.2649	8.023	1.5202	9.3112	1.42470
12900	1.7458	3.6042	5.0806	1.2689	8.088	1.5283	9.3335	1.42801
13000	1.7667	3.6308	5.0850	1.2729	8.154	1.5366	9.3560	1.43129
13100	1.7874	3.6572	5.0894	1.2757	8.217	1.5449	9.3776	1.43449
13200	1.8078	3.6832	5.0936	1.2792	8.282	1.5533	9.3987	1.43761
13300	1.8278	3.7088	5.0979	1.2821	8.345	1.5617	9.4196	1.44070
13400	1.8477	3.7344	5.1021	1.2861	8.412	1.5703	9.4407	1.44379
13500	1.8671	3.7593	5.1063	1.2901	8.480	1.5788	9.4611	1.44678
13600	1.8864	3.7843	5.1104	1.2934	8.546	1.5876	9.4818	1.44975

S/R= 36.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13700	1.9053	3.8088	5.1146	1.2979	8.616	1.5965	9.5024	1.45271
13800	1.9240	3.8331	5.1187	1.3004	8.680	1.6055	9.5230	1.45561
13900	1.9427	3.8574	5.1227	1.3039	8.748	1.6148	9.5439	1.45852
14000	1.9608	3.8811	5.1268	1.3086	8.820	1.6239	9.5642	1.46133
14100	1.9789	3.9048	5.1308	1.3115	8.887	1.6333	9.5850	1.46419
14200	1.9967	3.9282	5.1348	1.3130	8.950	1.6428	9.6057	1.46700
14300	2.0144	3.9514	5.1388	1.3160	9.017	1.6523	9.6257	1.46974
14400	2.0318	3.9743	5.1427	1.3196	9.087	1.6618	9.6460	1.47246
14500	2.0490	3.9970	5.1466	1.3220	9.153	1.6714	9.6660	1.47516
14600	2.0659	4.0195	5.1505	1.3244	9.220	1.6811	9.6862	1.47783
14700	2.0829	4.0420	5.1544	1.3266	9.286	1.6910	9.7072	1.48056
14800	2.0996	4.0641	5.1583	1.3287	9.352	1.7008	9.7276	1.48321
14900	2.1162	4.0862	5.1622	1.3293	9.413	1.7109	9.7492	1.48597
15000	2.1328	4.1082	5.1660	1.3289	9.471	1.7209	9.7709	1.48871

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.2788	-6.4142	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-5.8383	-5.7976	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.5249	-5.3593	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.2793	-5.0167	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.0745	-4.7327	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.8965	-4.4878	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.7376	-4.2709	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.5934	-4.0756	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.4608	-3.8971	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.3385	-3.7334	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.2246	-3.5817	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.1180	-3.4403	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-4.0178	-3.3079	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-3.9234	-3.1835	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-3.8340	-3.0661	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.7493	-2.9551	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.6688	-2.8498	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-3.5922	-2.7496	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.5191	-2.6546	3.8904	1.2894	2.597	1.0000	3.8873	1.00000
2100	-3.4494	-2.5647	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-3.3748	-2.4688	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.3097	-2.3844	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.2472	-2.3033	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.1869	-2.2253	3.9991	1.2937	2.908	1.0000	3.9920	1.00000
2600	-3.1288	-2.1502	4.0179	1.2925	2.964	1.0000	4.0080	1.00000
2700	-3.0726	-2.0776	4.0359	1.2912	3.019	1.0000	4.0230	1.00001
2800	-3.0182	-2.0075	4.0534	1.2899	3.073	1.0000	4.0386	1.00002
2900	-2.9655	-1.9395	4.0702	1.2884	3.126	1.0000	4.0530	1.00003
3000	-2.9143	-1.8735	4.0864	1.2865	3.177	1.0001	4.0669	1.00006
3100	-2.8643	-1.8093	4.1022	1.2841	3.226	1.0001	4.0816	1.00010
3200	-2.8154	-1.7466	4.1175	1.2810	3.274	1.0002	4.0959	1.00017
3300	-2.7674	-1.6852	4.1325	1.2772	3.320	1.0003	4.1111	1.00028
3400	-2.7200	-1.6248	4.1472	1.2722	3.364	1.0004	4.1280	1.00043
3500	-2.6729	-1.5649	4.1616	1.2660	3.405	1.0007	4.1453	1.00066
3600	-2.6258	-1.5055	4.1760	1.2587	3.444	1.0010	4.1656	1.00099
3700	-2.5783	-1.4459	4.1902	1.2499	3.480	1.0014	4.1879	1.00143
3800	-2.5301	-1.3858	4.2046	1.2406	3.515	1.0020	4.2150	1.00202

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-2.4808	-1.3250	4.2190	1.2306	3.548	1.0028	4.2456	1.00279
4000	-2.4301	-1.2628	4.2336	1.2201	3.579	1.0038	4.2806	1.00378
4100	-2.3778	-1.1992	4.2484	1.2096	3.610	1.0050	4.3217	1.00501
4200	-2.3234	-1.1337	4.2636	1.1994	3.641	1.0065	4.3684	1.00652
4300	-2.2668	-1.0661	4.2791	1.1899	3.673	1.0083	4.4224	1.00833
4400	-2.2080	-0.9965	4.2949	1.1812	3.706	1.0105	4.4816	1.01048
4500	-2.1469	-0.9245	4.3111	1.1735	3.740	1.0130	4.5484	1.01297
4600	-2.0835	-0.8504	4.3274	1.1667	3.776	1.0158	4.6203	1.01580
4700	-2.0181	-0.7743	4.3440	1.1607	3.813	1.0190	4.6982	1.01898
4800	-1.9508	-0.6963	4.3608	1.1557	3.851	1.0225	4.7817	1.02250
4900	-1.8818	-0.6167	4.3778	1.1517	3.892	1.0264	4.8703	1.02636
5000	-1.8115	-0.5359	4.3946	1.1505	3.937	1.0305	4.9621	1.03051
5100	-1.7418	-0.4557	4.4114	1.1475	3.980	1.0351	5.0560	1.03509
5200	-1.6696	-0.3730	4.4281	1.1429	4.020	1.0398	5.1539	1.03981
5300	-1.5967	-0.2898	4.4448	1.1410	4.065	1.0448	5.2540	1.04476
5400	-1.5234	-0.2062	4.4612	1.1395	4.110	1.0500	5.3557	1.04994
5500	-1.4501	-0.1227	4.4774	1.1385	4.157	1.0554	5.4583	1.05531
5600	-1.3769	-0.0394	4.4934	1.1378	4.204	1.0609	5.5614	1.06085
5700	-1.3040	0.0434	4.5090	1.1374	4.252	1.0666	5.6646	1.06656
5800	-1.2317	0.1257	4.5244	1.1371	4.301	1.0725	5.7673	1.07239
5900	-1.1599	0.2073	4.5394	1.1371	4.350	1.0784	5.8693	1.07835
6000	-1.0889	0.2881	4.5541	1.1374	4.399	1.0845	5.9703	1.08441
6100	-1.0189	0.3677	4.5685	1.1378	4.449	1.0907	6.0698	1.09054
6200	-0.9498	0.4463	4.5825	1.1382	4.499	1.0969	6.1678	1.09673
6300	-0.8817	0.5239	4.5962	1.1386	4.549	1.1032	6.2643	1.10299
6400	-0.8146	0.6003	4.6096	1.1392	4.599	1.1095	6.3592	1.10927
6500	-0.7485	0.6756	4.6226	1.1399	4.650	1.1159	6.4523	1.11560
6600	-0.6835	0.7498	4.6354	1.1404	4.700	1.1223	6.5437	1.12194
6700	-0.6195	0.8227	4.6478	1.1412	4.750	1.1287	6.6333	1.12829
6800	-0.5567	0.8944	4.6599	1.1421	4.801	1.1351	6.7209	1.13466
6900	-0.4951	0.9649	4.6718	1.1431	4.852	1.1415	6.8064	1.14101
7000	-0.4345	1.0341	4.6833	1.1441	4.903	1.1480	6.8900	1.14737
7100	-0.3752	1.1020	4.6946	1.1452	4.954	1.1544	6.9715	1.15371
7200	-0.3170	1.1687	4.7056	1.1463	5.005	1.1608	7.0507	1.16004
7300	-0.2599	1.2342	4.7163	1.1475	5.057	1.1672	7.1280	1.16635
7400	-0.2039	1.2985	4.7268	1.1487	5.108	1.1737	7.2033	1.17264
7500	-0.1490	1.3615	4.7370	1.1499	5.159	1.1800	7.2765	1.17890
7600	-0.0953	1.4234	4.7470	1.1511	5.210	1.1864	7.3477	1.18513
7700	-0.0425	1.4841	4.7567	1.1523	5.261	1.1928	7.4171	1.19132
7800	0.0092	1.5438	4.7663	1.1535	5.312	1.1992	7.4847	1.19747
7900	0.0599	1.6023	4.7756	1.1545	5.362	1.2055	7.5504	1.20358
8000	0.1097	1.6598	4.7847	1.1557	5.413	1.2118	7.6145	1.20964
8100	0.1586	1.7163	4.7937	1.1568	5.463	1.2180	7.6771	1.21564
8200	0.2066	1.7718	4.8025	1.1579	5.513	1.2243	7.7382	1.22159
8300	0.2536	1.8264	4.8110	1.1591	5.564	1.2305	7.7976	1.22749
8400	0.2998	1.8800	4.8195	1.1604	5.614	1.2367	7.8556	1.23333
8500	0.3452	1.9326	4.8277	1.1617	5.665	1.2428	7.9123	1.23912
8600	0.3897	1.9844	4.8358	1.1629	5.715	1.2490	7.9676	1.24486
8700	0.4334	2.0352	4.8438	1.1642	5.766	1.2551	8.0215	1.25055
8800	0.4763	2.0852	4.8516	1.1657	5.817	1.2613	8.0739	1.25617
8900	0.5184	2.1343	4.8592	1.1673	5.868	1.2674	8.1252	1.26175
9000	0.5597	2.1826	4.8667	1.1687	5.918	1.2735	8.1752	1.26728
9100	0.6003	2.2300	4.8741	1.1701	5.969	1.2796	8.2240	1.27275
9200	0.6401	2.2766	4.8814	1.1718	6.020	1.2857	8.2714	1.27817
9300	0.6792	2.3225	4.8885	1.1736	6.072	1.2918	8.3177	1.28353

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	0.7176	2.3675	4.8955	1.1755	6.124	1.2979	8.3627	1.28884
9500	0.7552	2.4118	4.9024	1.1774	6.176	1.3040	8.4067	1.29412
9600	0.7922	2.4554	4.9091	1.1791	6.228	1.3102	8.4498	1.29935
9700	0.8285	2.4982	4.9158	1.1808	6.279	1.3163	8.4915	1.30454
9800	0.8641	2.5403	4.9223	1.1827	6.331	1.3224	8.5322	1.30967
9900	0.8991	2.5817	4.9287	1.1846	6.383	1.3286	8.5720	1.31474
10000	0.9335	2.6225	4.9350	1.1862	6.435	1.3348	8.6108	1.31973
10100	0.9674	2.6627	4.9413	1.1838	6.475	1.3410	8.6487	1.32462
10200	1.0027	2.7044	4.9480	1.1855	6.528	1.3475	8.6973	1.32971
10300	1.0354	2.7434	4.9540	1.1918	6.592	1.3537	8.7332	1.33453
10400	1.0675	2.7817	4.9599	1.1945	6.647	1.3600	8.7681	1.33926
10500	1.0989	2.8192	4.9658	1.1966	6.700	1.3662	8.8023	1.34394
10600	1.1300	2.8564	4.9716	1.1986	6.753	1.3726	8.8358	1.34856
10700	1.1604	2.8929	4.9772	1.2010	6.807	1.3789	8.8688	1.35314
10800	1.1903	2.9289	4.9828	1.2029	6.860	1.3853	8.9002	1.35759
10900	1.2199	2.9644	4.9884	1.2051	6.914	1.3918	8.9316	1.36206
11000	1.2488	2.9994	4.9938	1.2076	6.969	1.3982	8.9620	1.36645
11100	1.2772	3.0337	4.9992	1.2106	7.026	1.4047	8.9915	1.37075
11200	1.3053	3.0677	5.0045	1.2134	7.082	1.4113	9.0213	1.37507
11300	1.3326	3.1010	5.0097	1.2161	7.138	1.4179	9.0491	1.37921
11400	1.3596	3.1339	5.0149	1.2182	7.193	1.4246	9.0774	1.38337
11500	1.3865	3.1665	5.0200	1.2210	7.250	1.4315	9.1052	1.38749
11600	1.4125	3.1984	5.0250	1.2234	7.306	1.4382	9.1317	1.39149
11700	1.4384	3.2300	5.0300	1.2257	7.362	1.4451	9.1577	1.39546
11800	1.4637	3.2611	5.0349	1.2292	7.421	1.4520	9.1834	1.39938
11900	1.4888	3.2920	5.0398	1.2327	7.481	1.4591	9.2093	1.40330
12000	1.5132	3.3221	5.0446	1.2357	7.540	1.4661	9.2338	1.40707
12100	1.5374	3.3521	5.0493	1.2386	7.599	1.4733	9.2584	1.41084
12200	1.5611	3.3815	5.0540	1.2419	7.659	1.4806	9.2824	1.41455
12300	1.5847	3.4108	5.0587	1.2450	7.719	1.4881	9.3067	1.41825
12400	1.6077	3.4395	5.0633	1.2476	7.778	1.4954	9.3294	1.42180
12500	1.6304	3.4679	5.0678	1.2503	7.837	1.5029	9.3523	1.42536
12600	1.6528	3.4959	5.0723	1.2545	7.902	1.5105	9.3747	1.42885
12700	1.6747	3.5234	5.0768	1.2582	7.965	1.5182	9.3969	1.43231
12800	1.6963	3.5507	5.0812	1.2609	8.025	1.5259	9.4184	1.43567
12900	1.7178	3.5778	5.0856	1.2648	8.090	1.5338	9.4403	1.43904
13000	1.7388	3.6044	5.0899	1.2688	8.155	1.5419	9.4621	1.44238
13100	1.7596	3.6308	5.0942	1.2718	8.218	1.5500	9.4832	1.44563
13200	1.7800	3.6568	5.0985	1.2760	8.284	1.5581	9.5039	1.44881
13300	1.8000	3.6824	5.1027	1.2785	8.346	1.5664	9.5246	1.45196
13400	1.8200	3.7080	5.1069	1.2815	8.409	1.5748	9.5452	1.45510
13500	1.8394	3.7329	5.1110	1.2852	8.475	1.5831	9.5649	1.45815
13600	1.8588	3.7578	5.1151	1.2885	8.540	1.5916	9.5849	1.46118
13700	1.8778	3.7823	5.1192	1.2929	8.610	1.6003	9.6049	1.46419
13800	1.8965	3.8066	5.1233	1.2953	8.672	1.6090	9.6248	1.46714
13900	1.9153	3.8308	5.1273	1.2986	8.739	1.6179	9.6450	1.47011
14000	1.9335	3.8545	5.1313	1.3034	8.810	1.6268	9.6646	1.47296
14100	1.9516	3.8782	5.1353	1.3062	8.876	1.6359	9.6847	1.47587
14200	1.9695	3.9016	5.1393	1.3082	8.940	1.6451	9.7047	1.47873
14300	1.9872	3.9248	5.1432	1.3115	9.007	1.6544	9.7244	1.48153
14400	2.0046	3.9477	5.1471	1.3146	9.075	1.6637	9.7442	1.48431
14500	2.0218	3.9703	5.1510	1.3166	9.139	1.6730	9.7635	1.48705
14600	2.0389	3.9927	5.1548	1.3191	9.205	1.6824	9.7827	1.48976
14700	2.0559	4.0152	5.1587	1.3216	9.271	1.6920	9.8029	1.49253
14800	2.0725	4.0372	5.1625	1.3241	9.338	1.7015	9.8223	1.49520

S/R= 36.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	2.0891	4.0592	5.1663	1.3254	9.401	1.7112	9.8429	1.49798
15000	2.1057	4.0811	5.1701	1.3254	9.459	1.7210	9.8634	1.50072

S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.3657	-6.5011	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-5.9252	-5.8844	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.6118	-5.4461	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.3661	-5.1035	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.1613	-4.8196	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-4.9833	-4.5746	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.8245	-4.3578	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.6803	-4.1624	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.5477	-3.9839	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.4254	-3.8202	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.3115	-3.6685	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.2049	-3.5271	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-4.1047	-3.3948	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.0102	-3.2704	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-3.9209	-3.1530	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.8362	-3.0420	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.7557	-2.9366	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-3.6790	-2.8365	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.6001	-2.7355	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.5294	-2.6436	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.4617	-2.5556	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.3966	-2.4713	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.3340	-2.3902	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.2737	-2.3122	3.9991	1.2937	2.908	1.0000	3.9920	1.00000
2600	-3.2156	-2.2370	4.0179	1.2925	2.964	1.0000	4.0080	1.00000
2700	-3.1594	-2.1645	4.0359	1.2911	3.019	1.0000	4.0231	1.00001
2800	-3.1051	-2.0943	4.0534	1.2898	3.073	1.0000	4.0387	1.00002
2900	-3.0523	-2.0263	4.0702	1.2882	3.126	1.0000	4.0531	1.00003
3000	-3.0010	-1.9603	4.0864	1.2862	3.177	1.0001	4.0671	1.00007
3100	-2.9510	-1.8960	4.1022	1.2836	3.226	1.0001	4.0821	1.00011
3200	-2.9020	-1.8332	4.1176	1.2802	3.273	1.0002	4.0965	1.00019
3300	-2.8538	-1.7716	4.1326	1.2761	3.319	1.0003	4.1122	1.00031
3400	-2.8062	-1.7109	4.1474	1.2707	3.362	1.0005	4.1296	1.00048
3500	-2.7587	-1.6508	4.1619	1.2640	3.403	1.0007	4.1476	1.00073
3600	-2.7112	-1.5908	4.1763	1.2562	3.441	1.0011	4.1689	1.00109
3700	-2.6631	-1.5306	4.1907	1.2469	3.476	1.0016	4.1925	1.00158
3800	-2.6141	-1.4697	4.2052	1.2370	3.510	1.0022	4.2213	1.00222
3900	-2.5639	-1.4079	4.2199	1.2266	3.542	1.0031	4.2540	1.00307
4000	-2.5121	-1.3447	4.2347	1.2158	3.573	1.0041	4.2915	1.00415
4100	-2.4584	-1.2796	4.2498	1.2051	3.604	1.0055	4.3356	1.00549
4200	-2.4025	-1.2126	4.2653	1.1948	3.635	1.0071	4.3857	1.00714
4300	-2.3442	-1.1432	4.2812	1.1853	3.667	1.0091	4.4435	1.00911
4400	-2.2836	-1.0716	4.2973	1.1767	3.701	1.0114	4.5068	1.01142
4500	-2.2204	-0.9975	4.3139	1.1692	3.735	1.0141	4.5780	1.01410
4600	-2.1550	-0.9212	4.3306	1.1627	3.772	1.0172	4.6545	1.01714
4700	-2.0874	-0.8429	4.3476	1.1570	3.810	1.0206	4.7372	1.02054
4800	-2.0179	-0.7626	4.3648	1.1523	3.849	1.0243	4.8254	1.02429
4900	-1.9467	-0.6808	4.3820	1.1485	3.890	1.0284	4.9187	1.02837
5000	-1.8743	-0.5978	4.3993	1.1474	3.936	1.0328	5.0151	1.03277

S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-1.8026	-0.5154	4.4163	1.1447	3.980	1.0376	5.1136	1.03758
5200	-1.7283	-0.4306	4.4333	1.1405	4.021	1.0426	5.2157	1.04254
5300	-1.6536	-0.3454	4.4502	1.1388	4.067	1.0478	5.3198	1.04772
5400	-1.5786	-0.2601	4.4668	1.1375	4.113	1.0532	5.4253	1.05312
5500	-1.5036	-0.1748	4.4832	1.1366	4.160	1.0588	5.5316	1.05872
5600	-1.4288	-0.0899	4.4993	1.1360	4.208	1.0645	5.6380	1.06448
5700	-1.3545	-0.0054	4.5151	1.1357	4.257	1.0705	5.7443	1.07039
5800	-1.2807	0.0783	4.5306	1.1357	4.306	1.0765	5.8500	1.07643
5900	-1.2077	0.1612	4.5457	1.1357	4.356	1.0827	5.9547	1.08259
6000	-1.1355	0.2433	4.5605	1.1361	4.406	1.0890	6.0582	1.08884
6100	-1.0643	0.3241	4.5749	1.1365	4.456	1.0953	6.1600	1.09516
6200	-0.9942	0.4038	4.5890	1.1370	4.507	1.1017	6.2603	1.10153
6300	-0.9251	0.4824	4.6027	1.1376	4.557	1.1081	6.3587	1.10797
6400	-0.8571	0.5598	4.6161	1.1382	4.608	1.1146	6.4555	1.11443
6500	-0.7902	0.6360	4.6292	1.1389	4.659	1.1212	6.5504	1.12092
6600	-0.7243	0.7110	4.6419	1.1395	4.709	1.1277	6.6433	1.12742
6700	-0.6597	0.7847	4.6544	1.1403	4.760	1.1343	6.7343	1.13393
6800	-0.5962	0.8572	4.6665	1.1413	4.812	1.1408	6.8233	1.14044
6900	-0.5338	0.9283	4.6783	1.1423	4.863	1.1474	6.9101	1.14695
7000	-0.4727	0.9982	4.6899	1.1434	4.914	1.1540	6.9947	1.15345
7100	-0.4128	1.0667	4.7011	1.1445	4.966	1.1606	7.0773	1.15993
7200	-0.3541	1.1340	4.7121	1.1456	5.017	1.1671	7.1576	1.16640
7300	-0.2965	1.2000	4.7228	1.1468	5.069	1.1737	7.2358	1.17284
7400	-0.2400	1.2648	4.7333	1.1480	5.120	1.1802	7.3119	1.17926
7500	-0.1847	1.3283	4.7435	1.1492	5.172	1.1867	7.3860	1.18565
7600	-0.1305	1.3906	4.7534	1.1505	5.223	1.1932	7.4579	1.19200
7700	-0.0774	1.4518	4.7632	1.1517	5.274	1.1997	7.5279	1.19831
7800	-0.0253	1.5118	4.7727	1.1529	5.326	1.2061	7.5961	1.20458
7900	0.0258	1.5707	4.7820	1.1540	5.376	1.2126	7.6625	1.21081
8000	0.0759	1.6286	4.7911	1.1551	5.427	1.2190	7.7270	1.21697
8100	0.1251	1.6854	4.8000	1.1562	5.478	1.2253	7.7901	1.22309
8200	0.1733	1.7412	4.8088	1.1573	5.529	1.2316	7.8516	1.22915
8300	0.2207	1.7961	4.8173	1.1586	5.579	1.2379	7.9116	1.23515
8400	0.2671	1.8499	4.8257	1.1598	5.630	1.2442	7.9698	1.24109
8500	0.3127	1.9028	4.8340	1.1611	5.681	1.2505	8.0267	1.24698
8600	0.3575	1.9548	4.8420	1.1624	5.732	1.2567	8.0822	1.25282
8700	0.4014	2.0059	4.8500	1.1637	5.782	1.2629	8.1365	1.25861
8800	0.4445	2.0561	4.8577	1.1651	5.833	1.2691	8.1892	1.26433
8900	0.4868	2.1054	4.8653	1.1667	5.885	1.2753	8.2406	1.27000
9000	0.5283	2.1539	4.8728	1.1681	5.935	1.2814	8.2908	1.27562
9100	0.5691	2.2015	4.8802	1.1696	5.986	1.2876	8.3396	1.28118
9200	0.6091	2.2483	4.8874	1.1712	6.038	1.2937	8.3873	1.28668
9300	0.6483	2.2943	4.8945	1.1728	6.089	1.2999	8.4336	1.29213
9400	0.6868	2.3395	4.9015	1.1747	6.141	1.3060	8.4786	1.29753
9500	0.7246	2.3839	4.9083	1.1766	6.193	1.3122	8.5227	1.30289
9600	0.7617	2.4276	4.9150	1.1785	6.245	1.3183	8.5657	1.30820
9700	0.7981	2.4706	4.9217	1.1801	6.297	1.3245	8.6077	1.31348
9800	0.8339	2.5128	4.9282	1.1818	6.348	1.3307	8.6483	1.31868
9900	0.8690	2.5544	4.9346	1.1836	6.400	1.3369	8.6880	1.32383
10000	0.9036	2.5953	4.9409	1.1852	6.452	1.3431	8.7268	1.32890
10100	0.9375	2.6355	4.9470	1.1828	6.492	1.3492	8.7644	1.33387
10200	0.9730	2.6774	4.9537	1.1848	6.546	1.3558	8.8129	1.33904
10300	1.0058	2.7164	4.9597	1.1909	6.610	1.3620	8.8490	1.34394
10400	1.0380	2.7548	4.9656	1.1933	6.663	1.3682	8.8837	1.34874
10500	1.0694	2.7924	4.9714	1.1953	6.716	1.3745	8.9177	1.35349

S/R= 36.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	1.1006	2.8296	4.9772	1.1972	6.769	1.3808	8.9510	1.35818
10700	1.1311	2.8662	4.9828	1.1996	6.823	1.3871	8.9837	1.36283
10800	1.1612	2.9023	4.9884	1.2017	6.877	1.3934	9.0149	1.36735
10900	1.1908	2.9379	4.9939	1.2040	6.931	1.3999	9.0463	1.37189
11000	1.2198	2.9729	4.9993	1.2061	6.985	1.4063	9.0765	1.37634
11100	1.2483	3.0073	5.0046	1.2088	7.041	1.4127	9.1057	1.38071
11200	1.2764	3.0413	5.0099	1.2115	7.096	1.4193	9.1353	1.38509
11300	1.3039	3.0746	5.0151	1.2142	7.152	1.4258	9.1627	1.38930
11400	1.3309	3.1075	5.0203	1.2163	7.207	1.4324	9.1906	1.39353
11500	1.3578	3.1402	5.0253	1.2192	7.264	1.4392	9.2181	1.39771
11600	1.3839	3.1721	5.0303	1.2218	7.320	1.4459	9.2444	1.40177
11700	1.4099	3.2038	5.0353	1.2239	7.375	1.4527	9.2703	1.40580
11800	1.4352	3.2349	5.0402	1.2269	7.433	1.4595	9.2956	1.40978
11900	1.4604	3.2658	5.0450	1.2300	7.492	1.4664	9.3211	1.41377
12000	1.4849	3.2959	5.0498	1.2330	7.550	1.4733	9.3451	1.41760
12100	1.5091	3.3259	5.0545	1.2359	7.609	1.4804	9.3693	1.42143
12200	1.5329	3.3554	5.0592	1.2390	7.668	1.4876	9.3929	1.42519
12300	1.5566	3.3847	5.0638	1.2423	7.729	1.4949	9.4167	1.42895
12400	1.5796	3.4133	5.0684	1.2455	7.789	1.5021	9.4392	1.43257
12500	1.6024	3.4418	5.0729	1.2477	7.846	1.5095	9.4618	1.43618
12600	1.6248	3.4698	5.0774	1.2512	7.908	1.5169	9.4837	1.43973
12700	1.6468	3.4973	5.0818	1.2546	7.970	1.5244	9.5055	1.44325
12800	1.6685	3.5245	5.0861	1.2573	8.029	1.5320	9.5264	1.44667
12900	1.6900	3.5516	5.0905	1.2610	8.093	1.5397	9.5478	1.45010
13000	1.7111	3.5783	5.0948	1.2649	8.157	1.5475	9.5691	1.45349
13100	1.7319	3.6046	5.0991	1.2678	8.219	1.5554	9.5896	1.45680
13200	1.7524	3.6306	5.1033	1.2719	8.285	1.5634	9.6098	1.46003
13300	1.7725	3.6562	5.1075	1.2752	8.348	1.5714	9.6299	1.46324
13400	1.7925	3.6818	5.1116	1.2783	8.412	1.5797	9.6502	1.46644
13500	1.8119	3.7067	5.1157	1.2811	8.474	1.5878	9.6695	1.46954
13600	1.8314	3.7316	5.1198	1.2839	8.537	1.5961	9.6889	1.47262
13700	1.8504	3.7561	5.1239	1.2880	8.604	1.6045	9.7083	1.47569
13800	1.8692	3.7803	5.1279	1.2904	8.667	1.6129	9.7274	1.47869
13900	1.8880	3.8046	5.1319	1.2938	8.733	1.6216	9.7470	1.48171
14000	1.9062	3.8282	5.1358	1.2984	8.803	1.6302	9.7658	1.48461
14100	1.9244	3.8518	5.1398	1.3011	8.868	1.6391	9.7853	1.48758
14200	1.9423	3.8752	5.1437	1.3031	8.930	1.6480	9.8046	1.49048
14300	1.9601	3.8984	5.1476	1.3066	8.998	1.6570	9.8235	1.49332
14400	1.9776	3.9212	5.1515	1.3100	9.065	1.6660	9.8427	1.49616
14500	1.9948	3.9439	5.1553	1.3119	9.128	1.6751	9.8617	1.49896
14600	2.0119	3.9662	5.1591	1.3140	9.192	1.6842	9.8803	1.50172
14700	2.0289	3.9887	5.1629	1.3166	9.258	1.6935	9.8990	1.50453
14800	2.0456	4.0106	5.1667	1.3193	9.324	1.7027	9.9182	1.50723
14900	2.0622	4.0325	5.1705	1.3209	9.387	1.7122	9.9379	1.51004
15000	2.0787	4.0544	5.1742	1.3212	9.446	1.7217	9.9575	1.51279

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.4525	-6.5879	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.0120	-5.9713	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.6986	-5.5330	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.4530	-5.1904	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.2482	-4.9064	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.0702	-4.6615	3.3930	1.3709	1.584	1.0000	3.5310	1.00000

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
800	-4.9113	-4.4446	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.7671	-4.2493	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.6346	-4.0708	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.5122	-3.9071	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.3983	-3.7554	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.2917	-3.6140	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-4.1915	-3.4816	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.0971	-3.3572	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-4.0078	-3.2399	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-3.9231	-3.1288	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.8426	-3.0235	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-3.7659	-2.9233	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.6870	-2.8224	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.6163	-2.7305	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.5485	-2.6425	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.4835	-2.5581	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-3.4209	-2.4771	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.3606	-2.3991	3.9991	1.2936	2.908	1.0000	3.9920	1.00000
2600	-3.3025	-2.3239	4.0179	1.2924	2.964	1.0000	4.0080	1.00000
2700	-3.2463	-2.2513	4.0359	1.2911	3.019	1.0000	4.0231	1.00001
2800	-3.1919	-2.1811	4.0534	1.2897	3.073	1.0000	4.0388	1.00002
2900	-3.1391	-2.1131	4.0702	1.2880	3.125	1.0000	4.0533	1.00003
3000	-3.0878	-2.0470	4.0864	1.2859	3.176	1.0001	4.0674	1.00007
3100	-3.0377	-1.9827	4.1023	1.2831	3.225	1.0001	4.0825	1.00012
3200	-2.9886	-1.9197	4.1176	1.2794	3.272	1.0002	4.0973	1.00021
3300	-2.9402	-1.8579	4.1327	1.2749	3.317	1.0003	4.1133	1.00034
3400	-2.8923	-1.7970	4.1476	1.2691	3.360	1.0005	4.1313	1.00054
3500	-2.8445	-1.7364	4.1621	1.2620	3.400	1.0008	4.1501	1.00081
3600	-2.7964	-1.6760	4.1767	1.2535	3.437	1.0012	4.1725	1.00120
3700	-2.7477	-1.6151	4.1912	1.2437	3.472	1.0017	4.1976	1.00173
3800	-2.6979	-1.5534	4.2059	1.2334	3.505	1.0025	4.2282	1.00245
3900	-2.6467	-1.4905	4.2208	1.2225	3.537	1.0034	4.2631	1.00338
4000	-2.5936	-1.4260	4.2359	1.2114	3.568	1.0046	4.3034	1.00455
4100	-2.5385	-1.3595	4.2513	1.2005	3.598	1.0060	4.3506	1.00602
4200	-2.4810	-1.2907	4.2671	1.1902	3.630	1.0078	4.4044	1.00781
4300	-2.4208	-1.2195	4.2834	1.1808	3.662	1.0100	4.4662	1.00994
4400	-2.3582	-1.1458	4.2999	1.1724	3.696	1.0124	4.5339	1.01244
4500	-2.2929	-1.0695	4.3169	1.1651	3.731	1.0153	4.6097	1.01532
4600	-2.2253	-0.9910	4.3340	1.1588	3.768	1.0186	4.6910	1.01858
4700	-2.1555	-0.9103	4.3514	1.1534	3.807	1.0222	4.7785	1.02219
4800	-2.0838	-0.8278	4.3689	1.1490	3.847	1.0262	4.8716	1.02618
4900	-2.0105	-0.7436	4.3865	1.1454	3.889	1.0305	4.9697	1.03050
5000	-1.9360	-0.6584	4.4040	1.1445	3.936	1.0352	5.0708	1.03513
5100	-1.8621	-0.5738	4.4214	1.1420	3.980	1.0402	5.1738	1.04019
5200	-1.7859	-0.4870	4.4387	1.1382	4.022	1.0454	5.2802	1.04538
5300	-1.7093	-0.3998	4.4557	1.1367	4.069	1.0508	5.3883	1.05080
5400	-1.6325	-0.3127	4.4726	1.1355	4.116	1.0565	5.4977	1.05643
5500	-1.5558	-0.2256	4.4891	1.1348	4.164	1.0623	5.6074	1.06224
5600	-1.4796	-0.1391	4.5054	1.1344	4.213	1.0683	5.7172	1.06822
5700	-1.4038	-0.0532	4.5213	1.1342	4.262	1.0744	5.8265	1.07434
5800	-1.3287	0.0320	4.5368	1.1342	4.312	1.0807	5.9350	1.08059
5900	-1.2544	0.1163	4.5521	1.1344	4.362	1.0870	6.0423	1.08694
6000	-1.1810	0.1995	4.5669	1.1349	4.413	1.0935	6.1483	1.09339
6100	-1.1088	0.2816	4.5814	1.1354	4.463	1.1000	6.2524	1.09989
6200	-1.0376	0.3624	4.5955	1.1359	4.514	1.1066	6.3548	1.10645

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6300	-0.9676	0.4420	4.6092	1.1365	4.566	1.1132	6.4552	1.11305
6400	-0.8987	0.5203	4.6227	1.1372	4.617	1.1199	6.5537	1.11969
6500	-0.8309	0.5973	4.6358	1.1380	4.668	1.1266	6.6502	1.12634
6600	-0.7643	0.6731	4.6485	1.1387	4.719	1.1333	6.7447	1.13300
6700	-0.6990	0.7476	4.6609	1.1395	4.771	1.1400	6.8371	1.13966
6800	-0.6348	0.8208	4.6731	1.1405	4.822	1.1467	6.9274	1.14633
6900	-0.5718	0.8926	4.6849	1.1416	4.874	1.1534	7.0154	1.15298
7000	-0.5101	0.9631	4.6964	1.1426	4.926	1.1601	7.1012	1.15962
7100	-0.4497	1.0322	4.7077	1.1438	4.978	1.1668	7.1848	1.16624
7200	-0.3904	1.1000	4.7186	1.1450	5.030	1.1735	7.2661	1.17285
7300	-0.3324	1.1665	4.7293	1.1462	5.082	1.1802	7.3451	1.17942
7400	-0.2755	1.2318	4.7398	1.1474	5.133	1.1868	7.4220	1.18597
7500	-0.2197	1.2958	4.7499	1.1486	5.185	1.1935	7.4969	1.19248
7600	-0.1651	1.3585	4.7599	1.1499	5.237	1.2001	7.5695	1.19895
7700	-0.1116	1.4201	4.7696	1.1511	5.288	1.2067	7.6400	1.20539
7800	-0.0592	1.4805	4.7791	1.1523	5.340	1.2132	7.7088	1.21177
7900	-0.0077	1.5398	4.7884	1.1535	5.391	1.2198	7.7758	1.21811
8000	0.0427	1.5979	4.7975	1.1546	5.442	1.2262	7.8408	1.22439
8100	0.0921	1.6551	4.8063	1.1557	5.493	1.2327	7.9042	1.23061
8200	0.1407	1.7112	4.8151	1.1568	5.544	1.2391	7.9661	1.23677
8300	0.1883	1.7663	4.8236	1.1580	5.595	1.2455	8.0265	1.24288
8400	0.2350	1.8204	4.8320	1.1593	5.646	1.2519	8.0851	1.24893
8500	0.2808	1.8736	4.8402	1.1606	5.697	1.2582	8.1423	1.25491
8600	0.3258	1.9258	4.8482	1.1619	5.748	1.2645	8.1981	1.26085
8700	0.3699	1.9771	4.8561	1.1631	5.799	1.2708	8.2525	1.26673
8800	0.4132	2.0275	4.8638	1.1646	5.850	1.2770	8.3054	1.27255
8900	0.4557	2.0770	4.8714	1.1661	5.901	1.2833	8.3570	1.27831
9000	0.4974	2.1256	4.8789	1.1675	5.952	1.2895	8.4072	1.28402
9100	0.5383	2.1734	4.8862	1.1691	6.004	1.2957	8.4562	1.28967
9200	0.5785	2.2204	4.8934	1.1706	6.055	1.3019	8.5040	1.29526
9300	0.6179	2.2666	4.9005	1.1722	6.107	1.3081	8.5504	1.30080
9400	0.6565	2.3119	4.9074	1.1740	6.158	1.3142	8.5955	1.30627
9500	0.6945	2.3565	4.9142	1.1759	6.211	1.3204	8.6396	1.31172
9600	0.7317	2.4003	4.9209	1.1778	6.263	1.3266	8.6825	1.31712
9700	0.7682	2.4434	4.9275	1.1795	6.315	1.3329	8.7244	1.32247
9800	0.8041	2.4858	4.9340	1.1812	6.367	1.3391	8.7653	1.32776
9900	0.8394	2.5274	4.9404	1.1827	6.418	1.3453	8.8049	1.33298
10000	0.8740	2.5684	4.9466	1.1842	6.469	1.3515	8.8434	1.33812
10100	0.9081	2.6088	4.9528	1.1819	6.510	1.3576	8.8810	1.34317
10200	0.9436	2.6507	4.9594	1.1839	6.563	1.3642	8.9293	1.34842
10300	0.9765	2.6898	4.9654	1.1901	6.628	1.3704	8.9653	1.35339
10400	1.0088	2.7283	4.9713	1.1924	6.682	1.3767	9.0000	1.35826
10500	1.0404	2.7659	4.9771	1.1941	6.734	1.3829	9.0338	1.36308
10600	1.0716	2.8033	4.9828	1.1959	6.786	1.3891	9.0669	1.36785
10700	1.1022	2.8399	4.9884	1.1983	6.840	1.3955	9.0993	1.37256
10800	1.1323	2.8760	4.9939	1.2004	6.894	1.4017	9.1302	1.37715
10900	1.1620	2.9117	4.9994	1.2028	6.948	1.4081	9.1614	1.38175
11000	1.1911	2.9467	5.0048	1.2051	7.002	1.4146	9.1916	1.38628
11100	1.2197	2.9812	5.0101	1.2074	7.057	1.4209	9.2207	1.39071
11200	1.2478	3.0152	5.0154	1.2097	7.112	1.4274	9.2499	1.39516
11300	1.2754	3.0485	5.0205	1.2124	7.167	1.4339	9.2770	1.39943
11400	1.3025	3.0815	5.0256	1.2144	7.221	1.4404	9.3046	1.40372
11500	1.3295	3.1142	5.0307	1.2173	7.278	1.4471	9.3318	1.40796
11600	1.3556	3.1462	5.0356	1.2200	7.335	1.4537	9.3577	1.41209
11700	1.3816	3.1779	5.0405	1.2224	7.390	1.4604	9.3834	1.41618

S/R= 36.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11800	1.4071	3.2090	5.0454	1.2250	7.447	1.4672	9.4084	1.42023
11900	1.4322	3.2399	5.0502	1.2276	7.504	1.4740	9.4336	1.42427
12000	1.4568	3.2701	5.0549	1.2306	7.562	1.4808	9.4571	1.42815
12100	1.4811	3.3000	5.0596	1.2333	7.619	1.4878	9.4809	1.43205
12200	1.5050	3.3295	5.0643	1.2362	7.678	1.4948	9.5040	1.43587
12300	1.5287	3.3588	5.0689	1.2395	7.738	1.5019	9.5274	1.43969
12400	1.5517	3.3875	5.0734	1.2428	7.798	1.5091	9.5494	1.44336
12500	1.5746	3.4159	5.0779	1.2456	7.857	1.5163	9.5717	1.44704
12600	1.5971	3.4439	5.0823	1.2489	7.918	1.5237	9.5934	1.45064
12700	1.6191	3.4715	5.0867	1.2514	7.977	1.5310	9.6146	1.45421
12800	1.6408	3.4987	5.0911	1.2538	8.035	1.5384	9.6351	1.45769
12900	1.6624	3.5258	5.0954	1.2575	8.098	1.5459	9.6560	1.46118
13000	1.6835	3.5524	5.0997	1.2612	8.161	1.5536	9.6767	1.46462
13100	1.7044	3.5787	5.1039	1.2640	8.222	1.5612	9.6967	1.46799
13200	1.7249	3.6047	5.1081	1.2680	8.287	1.5690	9.7163	1.47128
13300	1.7451	3.6303	5.1122	1.2712	8.349	1.5768	9.7358	1.47454
13400	1.7651	3.6558	5.1164	1.2748	8.414	1.5849	9.7556	1.47779
13500	1.7846	3.6807	5.1204	1.2781	8.478	1.5928	9.7745	1.48095
13600	1.8041	3.7056	5.1245	1.2802	8.538	1.6010	9.7935	1.48409
13700	1.8232	3.7301	5.1285	1.2835	8.602	1.6091	9.8124	1.48720
13800	1.8420	3.7543	5.1325	1.2858	8.663	1.6174	9.8309	1.49026
13900	1.8609	3.7785	5.1364	1.2892	8.729	1.6258	9.8497	1.49332
14000	1.8791	3.8022	5.1404	1.2936	8.797	1.6341	9.8679	1.49628
14100	1.8973	3.8257	5.1443	1.2962	8.861	1.6427	9.8866	1.49929
14200	1.9153	3.8491	5.1482	1.2983	8.923	1.6514	9.9053	1.50224
14300	1.9331	3.8722	5.1520	1.3018	8.990	1.6601	9.9235	1.50513
14400	1.9506	3.8950	5.1558	1.3052	9.057	1.6689	9.9419	1.50801
14500	1.9679	3.9176	5.1596	1.3073	9.119	1.6777	9.9602	1.51085
14600	1.9850	3.9400	5.1634	1.3094	9.182	1.6866	9.9784	1.51367
14700	2.0021	3.9624	5.1672	1.3118	9.247	1.6957	9.9974	1.51654
14800	2.0188	3.9843	5.1709	1.3143	9.312	1.7046	10.0151	1.51928
14900	2.0354	4.0061	5.1747	1.3161	9.374	1.7137	10.0340	1.52212
15000	2.0519	4.0279	5.1784	1.3166	9.433	1.7229	10.0525	1.52491

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.5394	-6.6748	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.0999	-6.0582	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.7855	-5.6198	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.5398	-5.2773	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.3350	-4.9933	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.1570	-4.7483	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-4.9982	-4.5315	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-4.8540	-4.3362	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.7214	-4.1576	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.5991	-3.9939	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.4852	-3.8422	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.3786	-3.7009	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-4.2784	-3.5685	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.1839	-3.4441	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.0946	-3.3267	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.0099	-3.2157	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-3.9294	-3.1104	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-3.8527	-3.0102	3.8659	1.2930	2.535	1.0000	3.8649	1.00000

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-3.7738	-2.9092	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.7031	-2.8173	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.6354	-2.7294	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.5703	-2.6450	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.5077	-2.5639	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.4475	-2.4859	3.9991	1.2936	2.908	1.0000	3.9920	1.00000
2600	-3.3893	-2.4107	4.0179	1.2924	2.964	1.0000	4.0080	1.00001
2700	-3.3331	-2.3382	4.0359	1.2910	3.019	1.0000	4.0232	1.00001
2800	-3.2787	-2.2679	4.0534	1.2896	3.073	1.0000	4.0389	1.00002
2900	-3.2259	-2.1999	4.0702	1.2878	3.125	1.0000	4.0535	1.00004
3000	-3.1745	-2.1337	4.0865	1.2855	3.176	1.0001	4.0677	1.00008
3100	-3.1243	-2.0693	4.1023	1.2825	3.225	1.0001	4.0830	1.00014
3200	-3.0751	-2.0062	4.1177	1.2786	3.271	1.0002	4.0981	1.00023
3300	-3.0265	-1.9442	4.1328	1.2737	3.316	1.0004	4.1145	1.00038
3400	-2.9783	-1.8830	4.1478	1.2674	3.358	1.0006	4.1332	1.00059
3500	-2.9301	-1.8220	4.1624	1.2597	3.397	1.0009	4.1529	1.00089
3600	-2.8815	-1.7610	4.1771	1.2506	3.434	1.0013	4.1765	1.00132
3700	-2.8320	-1.6994	4.1918	1.2404	3.468	1.0019	4.2031	1.00191
3800	-2.7813	-1.6368	4.2067	1.2296	3.500	1.0027	4.2358	1.00269
3900	-2.7290	-1.5728	4.2218	1.2182	3.531	1.0037	4.2732	1.00371
4000	-2.6747	-1.5069	4.2372	1.2068	3.562	1.0050	4.3163	1.00500
4100	-2.6180	-1.4387	4.2530	1.1958	3.592	1.0066	4.3670	1.00659
4200	-2.5587	-1.3682	4.2691	1.1856	3.624	1.0085	4.4246	1.00854
4300	-2.4966	-1.2949	4.2858	1.1763	3.657	1.0109	4.4908	1.01085
4400	-2.4319	-1.2190	4.3027	1.1681	3.691	1.0135	4.5630	1.01353
4500	-2.3645	-1.1405	4.3201	1.1610	3.727	1.0166	4.6437	1.01663
4600	-2.2946	-1.0596	4.3376	1.1551	3.765	1.0201	4.7299	1.02011
4700	-2.2225	-0.9766	4.3554	1.1500	3.804	1.0240	4.8224	1.02396
4800	-2.1486	-0.8917	4.3733	1.1458	3.845	1.0282	4.9205	1.02818
4900	-2.0730	-0.8052	4.3912	1.1425	3.888	1.0328	5.0234	1.03274
5000	-1.9964	-0.7177	4.4090	1.1417	3.936	1.0376	5.1291	1.03761
5100	-1.9203	-0.6309	4.4266	1.1395	3.981	1.0429	5.2368	1.04292
5200	-1.8422	-0.5421	4.4441	1.1360	4.024	1.0484	5.3474	1.04835
5300	-1.7637	-0.4530	4.4614	1.1346	4.071	1.0540	5.4595	1.05399
5400	-1.6852	-0.3640	4.4784	1.1337	4.119	1.0599	5.5725	1.05985
5500	-1.6070	-0.2753	4.4952	1.1332	4.168	1.0659	5.6858	1.06589
5600	-1.5292	-0.1871	4.5115	1.1328	4.217	1.0721	5.7988	1.07208
5700	-1.4520	-0.0997	4.5275	1.1328	4.267	1.0785	5.9110	1.07841
5800	-1.3756	-0.0132	4.5432	1.1329	4.318	1.0849	6.0224	1.08486
5900	-1.3000	0.0724	4.5585	1.1331	4.368	1.0915	6.1323	1.09141
6000	-1.2255	0.1569	4.5734	1.1337	4.420	1.0981	6.2407	1.09805
6100	-1.1522	0.2400	4.5879	1.1343	4.471	1.1048	6.3469	1.10473
6200	-1.0801	0.3218	4.6020	1.1349	4.523	1.1116	6.4513	1.11147
6300	-1.0091	0.4024	4.6158	1.1356	4.574	1.1184	6.5537	1.11824
6400	-0.9394	0.4817	4.6293	1.1363	4.626	1.1252	6.6539	1.12505
6500	-0.8708	0.5596	4.6423	1.1371	4.678	1.1321	6.7519	1.13186
6600	-0.8035	0.6362	4.6551	1.1379	4.729	1.1389	6.8480	1.13868
6700	-0.7374	0.7114	4.6675	1.1388	4.781	1.1458	6.9417	1.14550
6800	-0.6726	0.7852	4.6797	1.1398	4.833	1.1527	7.0332	1.15231
6900	-0.6091	0.8577	4.6915	1.1409	4.886	1.1595	7.1224	1.15911
7000	-0.5468	0.9287	4.7030	1.1420	4.938	1.1663	7.2093	1.16589
7100	-0.4858	0.9984	4.7142	1.1431	4.990	1.1732	7.2937	1.17265
7200	-0.4261	1.0668	4.7252	1.1443	5.042	1.1800	7.3760	1.17939
7300	-0.3675	1.1338	4.7358	1.1456	5.094	1.1868	7.4559	1.18609
7400	-0.3102	1.1995	4.7462	1.1468	5.147	1.1936	7.5335	1.19276

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-0.2541	1.2639	4.7564	1.1481	5.199	1.2003	7.6090	1.19940
7600	-0.1991	1.3271	4.7663	1.1494	5.251	1.2070	7.6824	1.20599
7700	-0.1452	1.3890	4.7760	1.1506	5.303	1.2137	7.7536	1.21254
7800	-0.0924	1.4498	4.7855	1.1518	5.354	1.2204	7.8227	1.21904
7900	-0.0407	1.5094	4.7947	1.1530	5.406	1.2270	7.8902	1.22549
8000	0.0100	1.5679	4.8038	1.1541	5.457	1.2336	7.9558	1.23188
8100	0.0598	1.6253	4.8126	1.1552	5.509	1.2402	8.0197	1.23821
8200	0.1086	1.6817	4.8213	1.1564	5.560	1.2467	8.0818	1.24447
8300	0.1564	1.7371	4.8298	1.1576	5.611	1.2531	8.1424	1.25068
8400	0.2034	1.7915	4.8382	1.1589	5.662	1.2596	8.2015	1.25683
8500	0.2494	1.8449	4.8463	1.1601	5.714	1.2660	8.2589	1.26292
8600	0.2946	1.8973	4.8544	1.1613	5.765	1.2724	8.3148	1.26895
8700	0.3389	1.9488	4.8622	1.1627	5.816	1.2787	8.3694	1.27492
8800	0.3824	1.9994	4.8699	1.1641	5.867	1.2850	8.4226	1.28083
8900	0.4251	2.0491	4.8775	1.1656	5.919	1.2913	8.4744	1.28669
9000	0.4669	2.0979	4.8849	1.1670	5.970	1.2976	8.5247	1.29249
9100	0.5080	2.1459	4.8922	1.1685	6.021	1.3039	8.5737	1.29822
9200	0.5483	2.1930	4.8994	1.1701	6.073	1.3101	8.6215	1.30390
9300	0.5878	2.2393	4.9064	1.1718	6.125	1.3164	8.6681	1.30952
9400	0.6267	2.2848	4.9133	1.1734	6.176	1.3226	8.7132	1.31508
9500	0.6647	2.3295	4.9201	1.1752	6.228	1.3288	8.7572	1.32061
9600	0.7021	2.3734	4.9268	1.1771	6.281	1.3350	8.8001	1.32608
9700	0.7387	2.4166	4.9333	1.1789	6.333	1.3413	8.8419	1.33151
9800	0.7747	2.4591	4.9398	1.1806	6.385	1.3475	8.8827	1.33688
9900	0.8101	2.5009	4.9461	1.1821	6.436	1.3538	8.9225	1.34219
10000	0.8448	2.5420	4.9524	1.1833	6.487	1.3600	8.9610	1.34740
10100	0.8790	2.5824	4.9585	1.1811	6.528	1.3661	8.9984	1.35252
10200	0.9146	2.6244	4.9651	1.1831	6.581	1.3727	9.0464	1.35785
10300	0.9476	2.6636	4.9710	1.1893	6.646	1.3789	9.0822	1.36289
10400	0.9800	2.7021	4.9769	1.1917	6.700	1.3852	9.1169	1.36783
10500	1.0116	2.7399	4.9826	1.1932	6.752	1.3914	9.1506	1.37273
10600	1.0430	2.7773	4.9883	1.1948	6.804	1.3977	9.1835	1.37756
10700	1.0736	2.8139	4.9939	1.1971	6.858	1.4039	9.2157	1.38233
10800	1.1038	2.8501	4.9994	1.1992	6.911	1.4102	9.2464	1.38699
10900	1.1335	2.8858	5.0048	1.2016	6.965	1.4165	9.2773	1.39166
11000	1.1627	2.9209	5.0102	1.2040	7.020	1.4229	9.3072	1.39625
11100	1.1913	2.9554	5.0155	1.2063	7.074	1.4293	9.3361	1.40075
11200	1.2196	2.9895	5.0207	1.2093	7.128	1.4358	9.3651	1.40526
11300	1.2471	3.0228	5.0258	1.2107	7.183	1.4421	9.3920	1.40959
11400	1.2744	3.0558	5.0309	1.2127	7.237	1.4486	9.4191	1.41394
11500	1.3014	3.0886	5.0359	1.2155	7.293	1.4552	9.4459	1.41825
11600	1.3276	3.1205	5.0409	1.2182	7.350	1.4617	9.4715	1.42244
11700	1.3536	3.1522	5.0458	1.2206	7.405	1.4684	9.4968	1.42659
11800	1.3791	3.1834	5.0506	1.2236	7.463	1.4750	9.5216	1.43070
11900	1.4044	3.2143	5.0554	1.2260	7.519	1.4819	9.5466	1.43480
12000	1.4289	3.2445	5.0601	1.2283	7.575	1.4885	9.5698	1.43874
12100	1.4533	3.2744	5.0647	1.2309	7.632	1.4954	9.5931	1.44269
12200	1.4772	3.3039	5.0693	1.2337	7.690	1.5023	9.6158	1.44657
12300	1.5010	3.3332	5.0739	1.2369	7.749	1.5093	9.6388	1.45045
12400	1.5241	3.3619	5.0784	1.2400	7.808	1.5163	9.6603	1.45418
12500	1.5470	3.3903	5.0829	1.2428	7.867	1.5234	9.6821	1.45791
12600	1.5695	3.4183	5.0873	1.2467	7.929	1.5306	9.7034	1.46157
12700	1.5916	3.4459	5.0917	1.2494	7.988	1.5378	9.7244	1.46520
12800	1.6134	3.4731	5.0960	1.2510	8.043	1.5451	9.7445	1.46873
12900	1.6350	3.5002	5.1003	1.2541	8.104	1.5524	9.7648	1.47227

S/R= 37.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	1.6562	3.5268	5.1045	1.2577	8.167	1.5599	9.7850	1.47577
13100	1.6771	3.5531	5.1087	1.2606	8.227	1.5674	9.8045	1.47919
13200	1.6976	3.5791	5.1128	1.2643	8.291	1.5750	9.8234	1.48253
13300	1.7178	3.6046	5.1170	1.2674	8.352	1.5826	9.8425	1.48585
13400	1.7379	3.6302	5.1211	1.2710	8.416	1.5904	9.8616	1.48916
13500	1.7575	3.6550	5.1251	1.2744	8.479	1.5982	9.8799	1.49236
13600	1.7770	3.6799	5.1291	1.2771	8.541	1.6062	9.8985	1.49555
13700	1.7961	3.7044	5.1331	1.2804	8.605	1.6142	9.9170	1.49873
13800	1.8150	3.7286	5.1370	1.2817	8.662	1.6222	9.9349	1.50183
13900	1.8338	3.7527	5.1410	1.2848	8.726	1.6304	9.9532	1.50495
14000	1.8522	3.7763	5.1449	1.2890	8.793	1.6385	9.9707	1.50795
14100	1.8704	3.7999	5.1487	1.2916	8.856	1.6468	9.9887	1.51101
14200	1.8884	3.8231	5.1526	1.2938	8.917	1.6552	10.0066	1.51401
14300	1.9062	3.8462	5.1564	1.2971	8.983	1.6637	10.0241	1.51695
14400	1.9238	3.8690	5.1602	1.3005	9.049	1.6722	10.0418	1.51987
14500	1.9411	3.8916	5.1639	1.3027	9.112	1.6808	10.0594	1.52275
14600	1.9582	3.9139	5.1677	1.3049	9.174	1.6894	10.0769	1.52561
14700	1.9753	3.9362	5.1714	1.3072	9.238	1.6982	10.0952	1.52853
14800	1.9921	3.9581	5.1751	1.3096	9.301	1.7069	10.1127	1.53134
14900	2.0087	3.9800	5.1788	1.3113	9.363	1.7158	10.1309	1.53423
15000	2.0252	4.0017	5.1825	1.3118	9.420	1.7247	10.1487	1.53705

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.6263	-6.7616	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.1857	-6.1450	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.8724	-5.7067	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.6267	-5.3641	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.4219	-5.0801	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.2439	-4.8352	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.0850	-4.6184	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-4.9409	-4.4230	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.8083	-4.2445	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.6860	-4.0808	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.5721	-3.9291	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.4654	-3.7877	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-4.3653	-3.6553	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.2708	-3.5309	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-4.1815	-3.4136	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.0968	-3.3026	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.0163	-3.1972	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-3.9396	-3.0971	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.8607	-2.9961	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.7900	-2.9042	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.7222	-2.8162	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-3.6572	-2.7318	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-3.5946	-2.6508	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.5343	-2.5728	3.9991	1.2936	2.908	1.0000	3.9920	1.00000
2600	-3.4762	-2.4976	4.0179	1.2924	2.964	1.0000	4.0080	1.00001
2700	-3.4200	-2.4250	4.0359	1.2909	3.019	1.0000	4.0232	1.00001
2800	-3.3655	-2.3548	4.0534	1.2894	3.073	1.0000	4.0389	1.00003
2900	-3.3127	-2.2867	4.0702	1.2875	3.125	1.0000	4.0536	1.00004
3000	-3.2612	-2.2205	4.0865	1.2850	3.175	1.0001	4.0680	1.00008
3100	-3.2109	-2.1559	4.1024	1.2819	3.224	1.0001	4.0836	1.00015

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-3.1615	-2.0927	4.1178	1.2777	3.270	1.0003	4.0989	1.00026
3300	-3.1127	-2.0304	4.1330	1.2723	3.314	1.0004	4.1159	1.00042
3400	-3.0642	-1.9689	4.1480	1.2655	3.355	1.0007	4.1353	1.00065
3500	-3.0155	-1.9074	4.1627	1.2573	3.394	1.0010	4.1560	1.00099
3600	-2.9664	-1.8458	4.1776	1.2477	3.430	1.0015	4.1809	1.00146
3700	-2.9161	-1.7834	4.1924	1.2369	3.463	1.0021	4.2092	1.00210
3800	-2.8645	-1.7198	4.2076	1.2255	3.495	1.0030	4.2441	1.00296
3900	-2.8110	-1.6546	4.2229	1.2138	3.526	1.0041	4.2841	1.00408
4000	-2.7552	-1.5872	4.2386	1.2022	3.556	1.0055	4.3304	1.00548
4100	-2.6968	-1.5173	4.2547	1.1912	3.587	1.0072	4.3848	1.00722
4200	-2.6357	-1.4448	4.2713	1.1810	3.618	1.0093	4.4466	1.00932
4300	-2.5716	-1.3694	4.2883	1.1719	3.651	1.0118	4.5172	1.01182
4400	-2.5047	-1.2913	4.3057	1.1639	3.686	1.0147	4.5943	1.01471
4500	-2.4350	-1.2104	4.3235	1.1571	3.723	1.0180	4.6799	1.01802
4600	-2.3628	-1.1271	4.3414	1.1515	3.762	1.0217	4.7713	1.02173
4700	-2.2884	-1.0416	4.3595	1.1468	3.802	1.0258	4.8689	1.02582
4800	-2.2121	-0.9543	4.3778	1.1428	3.844	1.0303	4.9720	1.03028
4900	-2.1343	-0.8655	4.3960	1.1398	3.888	1.0351	5.0798	1.03510
5000	-2.0555	-0.7758	4.4142	1.1391	3.936	1.0402	5.1902	1.04021
5100	-1.9774	-0.6868	4.4321	1.1371	3.982	1.0458	5.3025	1.04576
5200	-1.8973	-0.5959	4.4498	1.1340	4.027	1.0514	5.4173	1.05143
5300	-1.8170	-0.5049	4.4673	1.1328	4.074	1.0573	5.5333	1.05731
5400	-1.7368	-0.4141	4.4844	1.1320	4.123	1.0634	5.6500	1.06339
5500	-1.6570	-0.3237	4.5013	1.1316	4.172	1.0697	5.7666	1.06965
5600	-1.5777	-0.2340	4.5178	1.1314	4.222	1.0761	5.8828	1.07605
5700	-1.4991	-0.1451	4.5339	1.1315	4.273	1.0826	5.9980	1.08259
5800	-1.4214	-0.0572	4.5496	1.1316	4.324	1.0893	6.1121	1.08924
5900	-1.3447	0.0296	4.5650	1.1320	4.375	1.0961	6.2244	1.09599
6000	-1.2690	0.1152	4.5799	1.1326	4.427	1.1029	6.3351	1.10281
6100	-1.1947	0.1995	4.5945	1.1333	4.479	1.1098	6.4436	1.10968
6200	-1.1216	0.2823	4.6086	1.1340	4.531	1.1167	6.5499	1.11660
6300	-1.0497	0.3638	4.6224	1.1347	4.583	1.1237	6.6540	1.12354
6400	-0.9792	0.4439	4.6359	1.1355	4.635	1.1307	6.7560	1.13051
6500	-0.9099	0.5226	4.6490	1.1363	4.688	1.1377	6.8555	1.13748
6600	-0.8418	0.6000	4.6617	1.1371	4.740	1.1447	6.9529	1.14446
6700	-0.7751	0.6759	4.6741	1.1390	4.792	1.1517	7.0480	1.15142
6800	-0.7097	0.7504	4.6862	1.1391	4.845	1.1587	7.1406	1.15839
6900	-0.6456	0.8235	4.6980	1.1402	4.897	1.1657	7.2309	1.16532
7000	-0.5827	0.8951	4.7095	1.1414	4.950	1.1727	7.3189	1.17224
7100	-0.5212	0.9654	4.7207	1.1425	5.002	1.1796	7.4042	1.17913
7200	-0.4610	1.0342	4.7317	1.1438	5.055	1.1866	7.4872	1.18601
7300	-0.4020	1.1017	4.7423	1.1450	5.108	1.1935	7.5681	1.19284
7400	-0.3443	1.1679	4.7527	1.1462	5.160	1.2004	7.6463	1.19963
7500	-0.2878	1.2327	4.7628	1.1476	5.213	1.2072	7.7224	1.20639
7600	-0.2324	1.2963	4.7727	1.1489	5.265	1.2141	7.7965	1.21310
7700	-0.1782	1.3586	4.7824	1.1501	5.317	1.2209	7.8683	1.21977
7800	-0.1251	1.4197	4.7918	1.1512	5.369	1.2276	7.9379	1.22638
7900	-0.0731	1.4796	4.8010	1.1525	5.421	1.2344	8.0058	1.23294
8000	-0.0220	1.5384	4.8101	1.1536	5.473	1.2411	8.0719	1.23944
8100	0.0280	1.5962	4.8189	1.1547	5.524	1.2477	8.1361	1.24587
8200	0.0770	1.6528	4.8276	1.1559	5.576	1.2543	8.1986	1.25224
8300	0.1251	1.7085	4.8360	1.1571	5.627	1.2608	8.2594	1.25855
8400	0.1723	1.7631	4.8443	1.1585	5.679	1.2674	8.3187	1.26481
8500	0.2186	1.8167	4.8525	1.1597	5.730	1.2739	8.3765	1.27099
8600	0.2639	1.8693	4.8605	1.1609	5.781	1.2803	8.4326	1.27711

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	0.3084	1.9210	4.8683	1.1622	5.833	1.2867	8.4873	1.28318
8800	0.3521	1.9718	4.8760	1.1637	5.885	1.2931	8.5406	1.28918
8900	0.3949	2.0217	4.8835	1.1652	5.936	1.2995	8.5926	1.29513
9000	0.4369	2.0707	4.8909	1.1665	5.988	1.3058	8.6430	1.30102
9100	0.4781	2.1188	4.8982	1.1680	6.039	1.3121	8.6921	1.30683
9200	0.5186	2.1660	4.9053	1.1696	6.091	1.3184	8.7398	1.31259
9300	0.5583	2.2125	4.9123	1.1713	6.143	1.3247	8.7864	1.31830
9400	0.5972	2.2581	4.9192	1.1729	6.195	1.3310	8.8317	1.32395
9500	0.6354	2.3029	4.9259	1.1746	6.247	1.3373	8.8757	1.32955
9600	0.6728	2.3470	4.9326	1.1764	6.299	1.3435	8.9185	1.33510
9700	0.7096	2.3903	4.9391	1.1782	6.351	1.3498	8.9602	1.34061
9800	0.7457	2.4328	4.9455	1.1800	6.404	1.3561	9.0010	1.34605
9900	0.7812	2.4747	4.9518	1.1815	6.455	1.3623	9.0407	1.35143
10000	0.8160	2.5159	4.9580	1.1827	6.506	1.3686	9.0791	1.35673
10100	0.8503	2.5564	4.9641	1.1803	6.547	1.3748	9.1164	1.36191
10200	0.8860	2.5985	4.9707	1.1823	6.600	1.3813	9.1642	1.36732
10300	0.9191	2.6377	4.9766	1.1884	6.664	1.3876	9.1999	1.37243
10400	0.9515	2.6763	4.9824	1.1909	6.719	1.3938	9.2344	1.37745
10500	0.9832	2.7141	4.9882	1.1925	6.771	1.4000	9.2679	1.38241
10600	1.0146	2.7516	4.9938	1.1939	6.822	1.4063	9.3007	1.38731
10700	1.0453	2.7883	4.9994	1.1961	6.876	1.4125	9.3326	1.39215
10800	1.0756	2.8245	5.0048	1.1980	6.929	1.4188	9.3631	1.39687
10900	1.1054	2.8602	5.0103	1.2003	6.983	1.4251	9.3937	1.40161
11000	1.1346	2.8954	5.0156	1.2027	7.037	1.4314	9.4233	1.40626
11100	1.1633	2.9299	5.0208	1.2053	7.092	1.4378	9.4519	1.41082
11200	1.1916	2.9640	5.0261	1.2073	7.146	1.4442	9.4808	1.41540
11300	1.2192	2.9974	5.0311	1.2094	7.200	1.4505	9.5074	1.41979
11400	1.2465	3.0304	5.0362	1.2111	7.253	1.4570	9.5343	1.42420
11500	1.2735	3.0632	5.0412	1.2138	7.309	1.4635	9.5607	1.42857
11600	1.2998	3.0951	5.0461	1.2165	7.365	1.4699	9.5859	1.43282
11700	1.3259	3.1269	5.0509	1.2188	7.420	1.4765	9.6108	1.43702
11800	1.3514	3.1581	5.0557	1.2218	7.477	1.4831	9.6352	1.44119
11900	1.3767	3.1890	5.0605	1.2246	7.535	1.4898	9.6599	1.44535
12000	1.4013	3.2192	5.0652	1.2268	7.590	1.4965	9.6829	1.44935
12100	1.4257	3.2491	5.0698	1.2288	7.645	1.5032	9.7058	1.45336
12200	1.4497	3.2786	5.0744	1.2314	7.702	1.5100	9.7281	1.45730
12300	1.4735	3.3079	5.0789	1.2345	7.761	1.5169	9.7506	1.46123
12400	1.4966	3.3366	5.0834	1.2376	7.820	1.5237	9.7717	1.46501
12500	1.5196	3.3650	5.0878	1.2402	7.877	1.5307	9.7930	1.46880
12600	1.5421	3.3930	5.0922	1.2440	7.939	1.5378	9.8138	1.47252
12700	1.5642	3.4205	5.0965	1.2471	7.999	1.5449	9.8343	1.47620
12800	1.5861	3.4478	5.1008	1.2489	8.055	1.5520	9.8541	1.47978
12900	1.6077	3.4748	5.1051	1.2516	8.114	1.5593	9.8741	1.48338
13000	1.6289	3.5014	5.1093	1.2545	8.174	1.5666	9.8938	1.48693
13100	1.6499	3.5277	5.1135	1.2572	8.233	1.5739	9.9127	1.49040
13200	1.6705	3.5537	5.1176	1.2609	8.296	1.5813	9.9312	1.49380
13300	1.6907	3.5792	5.1217	1.2639	8.357	1.5887	9.9496	1.49717
13400	1.7109	3.6047	5.1257	1.2674	8.420	1.5964	9.9682	1.50053
13500	1.7304	3.6295	5.1297	1.2707	8.482	1.6039	9.9859	1.50378
13600	1.7500	3.6544	5.1337	1.2733	8.543	1.6117	10.0038	1.50703
13700	1.7691	3.6788	5.1377	1.2771	8.608	1.6195	10.0218	1.51025
13800	1.7880	3.7030	5.1416	1.2789	8.666	1.6274	10.0394	1.51340
13900	1.8069	3.7271	5.1455	1.2812	8.727	1.6354	10.0572	1.51657
14000	1.8253	3.7507	5.1493	1.2848	8.792	1.6433	10.0740	1.51962
14100	1.8435	3.7742	5.1532	1.2873	8.853	1.6514	10.0914	1.52273

S/R= 37.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14200	1.8616	3.7975	5.1570	1.2894	8.914	1.6595	10.1086	1.52578
14300	1.8794	3.8205	5.1608	1.2926	8.978	1.6677	10.1255	1.52876
14400	1.8970	3.8432	5.1645	1.2960	9.044	1.6760	10.1424	1.53173
14500	1.9144	3.8657	5.1682	1.2982	9.105	1.6843	10.1592	1.53466
14600	1.9315	3.8880	5.1719	1.3005	9.167	1.6927	10.1760	1.53755
14700	1.9486	3.9103	5.1756	1.3029	9.231	1.7012	10.1935	1.54051
14800	1.9654	3.9321	5.1793	1.3051	9.293	1.7097	10.2102	1.54335
14900	1.9821	3.9539	5.1830	1.3064	9.352	1.7183	10.2280	1.54630
15000	1.9987	3.9756	5.1866	1.3066	9.408	1.7270	10.2456	1.54920

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.7131	-6.8485	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.2726	-6.2319	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-5.9592	-5.7936	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.7135	-5.4510	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.5087	-5.1670	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.3307	-4.9220	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.1719	-4.7052	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.0277	-4.5099	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.8951	-4.3314	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.7728	-4.1677	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.6589	-4.0159	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.5523	-3.8746	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-4.4521	-3.7422	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.3577	-3.6178	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.2683	-3.5004	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.1836	-3.3894	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.1031	-3.2841	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-4.0264	-3.1839	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-3.9476	-3.0829	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.8769	-2.9910	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.8091	-2.9031	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-3.7440	-2.8187	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-3.6815	-2.7377	3.9795	1.2947	2.851	1.0000	3.9743	1.00000
2500	-3.6211	-2.6596	3.9991	1.2936	2.908	1.0000	3.9920	1.00000
2600	-3.5630	-2.5845	4.0179	1.2923	2.964	1.0000	4.0081	1.00001
2700	-3.5068	-2.5118	4.0359	1.2908	3.019	1.0000	4.0233	1.00001
2800	-3.4523	-2.4416	4.0534	1.2893	3.073	1.0000	4.0391	1.00003
2900	-3.3995	-2.3734	4.0703	1.2873	3.125	1.0001	4.0539	1.00005
3000	-3.3479	-2.3072	4.0865	1.2846	3.175	1.0001	4.0684	1.00009
3100	-3.2975	-2.2425	4.1025	1.2812	3.223	1.0002	4.0842	1.00017
3200	-3.2480	-2.1791	4.1179	1.2766	3.269	1.0003	4.0999	1.00028
3300	-3.1989	-2.1166	4.1331	1.2708	3.312	1.0005	4.1175	1.00046
3400	-3.1500	-2.0547	4.1482	1.2635	3.353	1.0007	4.1376	1.00072
3500	-3.1009	-1.9927	4.1631	1.2546	3.390	1.0011	4.1594	1.00109
3600	-3.0510	-1.9304	4.1781	1.2445	3.426	1.0016	4.1857	1.00161
3700	-3.0000	-1.8672	4.1931	1.2332	3.458	1.0023	4.2160	1.00232
3800	-2.9473	-1.8025	4.2085	1.2213	3.489	1.0033	4.2531	1.00326
3900	-2.8925	-1.7359	4.2241	1.2093	3.520	1.0045	4.2961	1.00448
4000	-2.8351	-1.6669	4.2401	1.1975	3.550	1.0060	4.3458	1.00601
4100	-2.7750	-1.5952	4.2566	1.1865	3.581	1.0079	4.4041	1.00790
4200	-2.7119	-1.5207	4.2736	1.1764	3.613	1.0102	4.4702	1.01018
4300	-2.6456	-1.4430	4.2911	1.1675	3.647	1.0129	4.5456	1.01286

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-2.5765	-1.3625	4.3088	1.1599	3.682	1.0160	4.6277	1.01597
4500	-2.5044	-1.2792	4.3270	1.1533	3.720	1.0195	4.7186	1.01951
4600	-2.4298	-1.1934	4.3454	1.1480	3.759	1.0235	4.8152	1.02345
4700	-2.3530	-1.1054	4.3639	1.1436	3.801	1.0278	4.9180	1.02779
4800	-2.2744	-1.0157	4.3825	1.1400	3.844	1.0325	5.0262	1.03250
4900	-2.1944	-0.9246	4.4011	1.1372	3.888	1.0376	5.1389	1.03756
5000	-2.1134	-0.8326	4.4195	1.1366	3.937	1.0429	5.2540	1.04293
5100	-2.0332	-0.7414	4.4376	1.1349	3.984	1.0487	5.3709	1.04872
5200	-1.9512	-0.6485	4.4556	1.1320	4.029	1.0546	5.4898	1.05463
5300	-1.8691	-0.5556	4.4732	1.1310	4.078	1.0608	5.6098	1.06075
5400	-1.7872	-0.4630	4.4905	1.1303	4.127	1.0671	5.7300	1.06705
5500	-1.7058	-0.3710	4.5075	1.1301	4.177	1.0736	5.8500	1.07353
5600	-1.6251	-0.2798	4.5241	1.1300	4.228	1.0802	5.9692	1.08014
5700	-1.5451	-0.1895	4.5403	1.1302	4.279	1.0869	6.0873	1.08689
5800	-1.4662	-0.1002	4.5561	1.1304	4.331	1.0938	6.2039	1.09374
5900	-1.3883	-0.0122	4.5715	1.1309	4.382	1.1007	6.3188	1.10067
6000	-1.3116	0.0746	4.5865	1.1316	4.435	1.1078	6.4317	1.10768
6100	-1.2363	0.1599	4.6010	1.1323	4.487	1.1148	6.5421	1.11473
6200	-1.1622	0.2437	4.6152	1.1331	4.540	1.1219	6.6504	1.12182
6300	-1.0895	0.3261	4.6290	1.1338	4.592	1.1291	6.7562	1.12893
6400	-1.0182	0.4071	4.6425	1.1347	4.645	1.1362	6.8597	1.13606
6500	-0.9481	0.4866	4.6556	1.1355	4.698	1.1434	6.9608	1.14320
6600	-0.8794	0.5647	4.6683	1.1364	4.750	1.1505	7.0595	1.15032
6700	-0.8120	0.6413	4.6807	1.1374	4.803	1.1577	7.1559	1.15744
6800	-0.7460	0.7164	4.6928	1.1384	4.856	1.1648	7.2497	1.16455
6900	-0.6813	0.7900	4.7046	1.1396	4.909	1.1720	7.3409	1.17162
7000	-0.6180	0.8623	4.7161	1.1408	4.962	1.1791	7.4299	1.17868
7100	-0.5560	0.9330	4.7273	1.1420	5.015	1.1862	7.5161	1.18571
7200	-0.4953	1.0023	4.7381	1.1432	5.068	1.1932	7.5999	1.19271
7300	-0.4359	1.0703	4.7488	1.1445	5.121	1.2003	7.6815	1.19967
7400	-0.3778	1.1369	4.7591	1.1457	5.174	1.2073	7.7605	1.20658
7500	-0.3209	1.2021	4.7692	1.1471	5.227	1.2143	7.8372	1.21346
7600	-0.2652	1.2660	4.7791	1.1484	5.279	1.2212	7.9117	1.22029
7700	-0.2106	1.3287	4.7887	1.1496	5.332	1.2281	7.9841	1.22708
7800	-0.1572	1.3902	4.7981	1.1508	5.384	1.2350	8.0543	1.23379
7900	-0.1049	1.4504	4.8073	1.1521	5.436	1.2418	8.1225	1.24046
8000	-0.0536	1.5095	4.8163	1.1532	5.488	1.2486	8.1889	1.24707
8100	-0.0033	1.5675	4.8251	1.1543	5.540	1.2553	8.2536	1.25361
8200	0.0460	1.6244	4.8337	1.1555	5.592	1.2620	8.3164	1.26008
8300	0.0943	1.6803	4.8422	1.1567	5.644	1.2686	8.3775	1.26649
8400	0.1417	1.7351	4.8505	1.1581	5.696	1.2752	8.4369	1.27284
8500	0.1881	1.7890	4.8586	1.1593	5.747	1.2818	8.4950	1.27912
8600	0.2337	1.8418	4.8665	1.1604	5.798	1.2883	8.5513	1.28533
8700	0.2784	1.8937	4.8743	1.1618	5.850	1.2948	8.6061	1.29149
8800	0.3222	1.9447	4.8820	1.1633	5.902	1.3013	8.6595	1.29758
8900	0.3652	1.9947	4.8895	1.1648	5.954	1.3077	8.7116	1.30362
9000	0.4074	2.0439	4.8969	1.1662	6.006	1.3141	8.7622	1.30960
9100	0.4487	2.0921	4.9041	1.1675	6.057	1.3205	8.8112	1.31550
9200	0.4893	2.1395	4.9112	1.1691	6.109	1.3268	8.8590	1.32134
9300	0.5291	2.1860	4.9181	1.1708	6.161	1.3332	8.9056	1.32713
9400	0.5681	2.2318	4.9250	1.1725	6.213	1.3395	8.9508	1.33286
9500	0.6064	2.2768	4.9317	1.1741	6.265	1.3458	8.9949	1.33854
9600	0.6440	2.3209	4.9383	1.1758	6.318	1.3521	9.0376	1.34417
9700	0.6809	2.3643	4.9448	1.1776	6.370	1.3584	9.0793	1.34976
9800	0.7171	2.4070	4.9512	1.1794	6.422	1.3647	9.1198	1.35527

S/R= 37.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	0.7526	2.4489	4.9575	1.1810	6.474	1.3710	9.1594	1.36072
10000	0.7876	2.4902	4.9637	1.1822	6.525	1.3773	9.1979	1.36609
10100	0.8219	2.5308	4.9698	1.1797	6.566	1.3835	9.2351	1.37136
10200	0.8577	2.5729	4.9763	1.1816	6.619	1.3900	9.2826	1.37683
10300	0.8908	2.6122	4.9822	1.1876	6.683	1.3963	9.3181	1.38202
10400	0.9233	2.6508	4.9880	1.1901	6.737	1.4025	9.3524	1.38710
10500	0.9551	2.6887	4.9937	1.1917	6.790	1.4088	9.3857	1.39213
10600	0.9866	2.7262	4.9993	1.1933	6.841	1.4150	9.4184	1.39710
10700	1.0174	2.7630	5.0048	1.1953	6.894	1.4213	9.4502	1.40200
10800	1.0477	2.7992	5.0102	1.1970	6.947	1.4275	9.4803	1.40679
10900	1.0775	2.8350	5.0155	1.1992	7.001	1.4338	9.5106	1.41159
11000	1.1068	2.8702	5.0209	1.2015	7.055	1.4401	9.5400	1.41630
11100	1.1355	2.9047	5.0262	1.2041	7.110	1.4464	9.5683	1.42092
11200	1.1639	2.9389	5.0313	1.2064	7.165	1.4528	9.5969	1.42556
11300	1.1915	2.9723	5.0364	1.2084	7.218	1.4591	9.6234	1.43001
11400	1.2188	3.0053	5.0414	1.2098	7.270	1.4655	9.6500	1.43448
11500	1.2460	3.0381	5.0464	1.2123	7.325	1.4719	9.6760	1.43891
11600	1.2723	3.0701	5.0513	1.2149	7.381	1.4783	9.7008	1.44322
11700	1.2984	3.1018	5.0561	1.2171	7.436	1.4848	9.7254	1.44748
11800	1.3240	3.1330	5.0609	1.2201	7.493	1.4913	9.7494	1.45171
11900	1.3493	3.1639	5.0656	1.2228	7.550	1.4980	9.7737	1.45593
12000	1.3739	3.1941	5.0702	1.2255	7.606	1.5045	9.7963	1.45998
12100	1.3984	3.2241	5.0749	1.2274	7.661	1.5112	9.8190	1.46405
12200	1.4224	3.2536	5.0794	1.2292	7.715	1.5179	9.8409	1.46804
12300	1.4462	3.2829	5.0839	1.2321	7.773	1.5247	9.8629	1.47202
12400	1.4694	3.3115	5.0883	1.2353	7.832	1.5314	9.8835	1.47586
12500	1.4924	3.3399	5.0927	1.2378	7.889	1.5383	9.9044	1.47970
12600	1.5150	3.3679	5.0971	1.2414	7.950	1.5452	9.9247	1.48348
12700	1.5371	3.3954	5.1014	1.2444	8.009	1.5522	9.9447	1.48721
12800	1.5589	3.4226	5.1056	1.2466	8.066	1.5591	9.9640	1.49084
12900	1.5806	3.4497	5.1099	1.2496	8.126	1.5663	9.9836	1.49450
13000	1.6019	3.4763	5.1141	1.2522	8.184	1.5735	10.0029	1.49810
13100	1.6228	3.5026	5.1182	1.2542	8.241	1.5807	10.0214	1.50162
13200	1.6435	3.5285	5.1223	1.2577	8.303	1.5879	10.0393	1.50507
13300	1.6637	3.5540	5.1263	1.2606	8.363	1.5952	10.0572	1.50849
13400	1.6839	3.5794	5.1304	1.2640	8.425	1.6026	10.0752	1.51190
13500	1.7035	3.6043	5.1343	1.2672	8.487	1.6100	10.0922	1.51520
13600	1.7231	3.6291	5.1383	1.2697	8.546	1.6175	10.1097	1.51850
13700	1.7423	3.6535	5.1422	1.2735	8.611	1.6251	10.1270	1.52177
13800	1.7612	3.6776	5.1461	1.2754	8.669	1.6328	10.1440	1.52497
13900	1.7801	3.7017	5.1500	1.2784	8.731	1.6407	10.1613	1.52819
14000	1.7985	3.7253	5.1538	1.2816	8.794	1.6484	10.1779	1.53129
14100	1.8168	3.7488	5.1576	1.2832	8.853	1.6563	10.1946	1.53445
14200	1.8349	3.7720	5.1614	1.2854	8.912	1.6642	10.2112	1.53754
14300	1.8527	3.7950	5.1651	1.2885	8.976	1.6722	10.2273	1.54057
14400	1.8703	3.8176	5.1688	1.2917	9.040	1.6802	10.2436	1.54358
14500	1.8877	3.8401	5.1725	1.2940	9.101	1.6883	10.2596	1.54655
14600	1.9048	3.8623	5.1762	1.2963	9.163	1.6964	10.2757	1.54949
14700	1.9220	3.8845	5.1798	1.2986	9.225	1.7047	10.2925	1.55248
14800	1.9387	3.9063	5.1835	1.3009	9.286	1.7129	10.3084	1.55536
14900	1.9554	3.9281	5.1871	1.3023	9.346	1.7213	10.3254	1.55834
15000	1.9720	3.9497	5.1907	1.3027	9.401	1.7297	10.3422	1.56128

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.8000	-6.9354	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.3595	-6.3187	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-6.0461	-5.8804	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.8004	-5.5378	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.5956	-5.2539	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.4176	-5.0089	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.2588	-4.7921	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.1146	-4.5967	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-4.9820	-4.4182	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-4.8597	-4.2545	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.7458	-4.1028	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.6391	-3.9614	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-4.5390	-3.8291	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.4445	-3.7046	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-4.3552	-3.5873	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.2705	-3.4763	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.1900	-3.3709	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-4.1133	-3.2708	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-4.0344	-3.1698	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-3.9637	-3.0779	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.8960	-2.9899	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-3.8309	-2.9055	3.9591	1.2961	2.792	1.0000	3.9567	1.00000
2400	-3.7683	-2.8245	3.9795	1.2947	2.851	1.0000	3.9744	1.00000
2500	-3.7080	-2.7465	3.9991	1.2935	2.908	1.0000	3.9920	1.00000
2600	-3.6499	-2.6713	4.0179	1.2923	2.964	1.0000	4.0081	1.00001
2700	-3.5936	-2.5986	4.0360	1.2906	3.019	1.0000	4.0234	1.00002
2800	-3.5391	-2.5283	4.0535	1.2892	3.072	1.0000	4.0392	1.00003
2900	-3.4862	-2.4602	4.0703	1.2872	3.124	1.0001	4.0541	1.00006
3000	-3.4346	-2.3938	4.0866	1.2841	3.174	1.0001	4.0688	1.00010
3100	-3.3841	-2.3290	4.1025	1.2804	3.222	1.0002	4.0848	1.00019
3200	-3.3343	-2.2654	4.1180	1.2755	3.267	1.0003	4.1010	1.00031
3300	-3.2850	-2.2027	4.1333	1.2692	3.310	1.0005	4.1192	1.00051
3400	-3.2358	-2.1403	4.1485	1.2613	3.350	1.0008	4.1401	1.00079
3500	-3.1860	-2.0778	4.1635	1.2519	3.387	1.0012	4.1631	1.00120
3600	-3.1355	-2.0148	4.1786	1.2412	3.421	1.0018	4.1911	1.00178
3700	-3.0836	-1.9506	4.1939	1.2293	3.453	1.0026	4.2233	1.00255
3800	-3.0296	-1.8847	4.2095	1.2169	3.484	1.0036	4.2631	1.00359
3900	-2.9735	-1.8167	4.2255	1.2047	3.514	1.0049	4.3091	1.00492
4000	-2.9145	-1.7460	4.2418	1.1928	3.544	1.0066	4.3625	1.00658
4100	-2.8525	-1.6723	4.2587	1.1818	3.575	1.0086	4.4250	1.00863
4200	-2.7873	-1.5956	4.2761	1.1719	3.607	1.0111	4.4958	1.01110
4300	-2.7187	-1.5156	4.2940	1.1633	3.642	1.0140	4.5761	1.01399
4400	-2.6472	-1.4327	4.3122	1.1560	3.678	1.0173	4.6635	1.01732
4500	-2.5727	-1.3468	4.3308	1.1497	3.717	1.0211	4.7597	1.02108
4600	-2.4957	-1.2585	4.3495	1.1447	3.757	1.0253	4.8617	1.02527
4700	-2.4165	-1.1680	4.3684	1.1406	3.800	1.0299	4.9698	1.02986
4800	-2.3355	-1.0758	4.3874	1.1373	3.844	1.0348	5.0831	1.03483
4900	-2.2532	-0.9824	4.4063	1.1348	3.889	1.0401	5.2008	1.04014
5000	-2.1701	-0.8881	4.4249	1.1343	3.938	1.0458	5.3205	1.04576
5100	-2.0878	-0.7947	4.4433	1.1328	3.986	1.0518	5.4419	1.05180
5200	-2.0039	-0.6998	4.4615	1.1302	4.032	1.0580	5.5649	1.05794
5300	-1.9200	-0.6051	4.4793	1.1293	4.081	1.0643	5.6887	1.06429
5400	-1.8365	-0.5108	4.4968	1.1288	4.132	1.0708	5.8124	1.07082
5500	-1.7535	-0.4172	4.5138	1.1287	4.182	1.0775	5.9357	1.07751
5600	-1.6714	-0.3244	4.5305	1.1287	4.234	1.0844	6.0580	1.08434

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	-1.5902	-0.2327	4.5468	1.1290	4.285	1.0913	6.1788	1.09129
5800	-1.5100	-0.1422	4.5626	1.1293	4.337	1.0984	6.2980	1.09833
5900	-1.4310	-0.0530	4.5781	1.1299	4.390	1.1055	6.4152	1.10546
6000	-1.3532	0.0349	4.5931	1.1306	4.443	1.1127	6.5303	1.11265
6100	-1.2769	0.1212	4.6077	1.1314	4.496	1.1200	6.6426	1.11988
6200	-1.2020	0.2060	4.6219	1.1322	4.549	1.1272	6.7528	1.12714
6300	-1.1284	0.2893	4.6357	1.1331	4.602	1.1345	6.8602	1.13441
6400	-1.0563	0.3711	4.6491	1.1339	4.655	1.1418	6.9652	1.14171
6500	-0.9855	0.4513	4.6622	1.1348	4.708	1.1492	7.0678	1.14900
6600	-0.9162	0.5301	4.6749	1.1358	4.761	1.1565	7.1678	1.15628
6700	-0.8482	0.6074	4.6873	1.1367	4.814	1.1638	7.2653	1.16354
6800	-0.7816	0.6831	4.6994	1.1378	4.868	1.1711	7.3602	1.17079
6900	-0.7164	0.7573	4.7111	1.1390	4.921	1.1783	7.4524	1.17801
7000	-0.6525	0.8301	4.7226	1.1402	4.974	1.1856	7.5422	1.18519
7100	-0.5901	0.9014	4.7338	1.1414	5.028	1.1928	7.6295	1.19236
7200	-0.5290	0.9711	4.7446	1.1427	5.081	1.2000	7.7139	1.19949
7300	-0.4692	1.0395	4.7552	1.1440	5.134	1.2071	7.7961	1.20657
7400	-0.4106	1.1065	4.7655	1.1453	5.188	1.2143	7.8759	1.21361
7500	-0.3534	1.1721	4.7756	1.1466	5.241	1.2214	7.9532	1.22061
7600	-0.2973	1.2364	4.7854	1.1480	5.294	1.2284	8.0281	1.22755
7700	-0.2425	1.2994	4.7950	1.1491	5.347	1.2354	8.1010	1.23445
7800	-0.1887	1.3612	4.8044	1.1504	5.399	1.2424	8.1717	1.24128
7900	-0.1361	1.4218	4.8136	1.1516	5.452	1.2493	8.2403	1.24805
8000	-0.0846	1.4811	4.8225	1.1528	5.504	1.2562	8.3070	1.25476
8100	-0.0341	1.5394	4.8313	1.1539	5.556	1.2630	8.3720	1.26141
8200	0.0154	1.5966	4.8399	1.1551	5.608	1.2698	8.4352	1.26798
8300	0.0640	1.6527	4.8483	1.1563	5.660	1.2765	8.4964	1.27449
8400	0.1115	1.7077	4.8566	1.1577	5.712	1.2832	8.5561	1.28093
8500	0.1582	1.7617	4.8646	1.1590	5.764	1.2898	8.6143	1.28730
8600	0.2039	1.8148	4.8726	1.1601	5.816	1.2964	8.6709	1.29362
8700	0.2488	1.8668	4.8803	1.1614	5.868	1.3030	8.7258	1.29987
8800	0.2928	1.9180	4.8879	1.1629	5.920	1.3095	8.7792	1.30605
8900	0.3359	1.9681	4.8954	1.1644	5.972	1.3160	8.8313	1.31217
9000	0.3782	2.0174	4.9028	1.1658	6.024	1.3225	8.8820	1.31823
9100	0.4197	2.0658	4.9100	1.1671	6.075	1.3289	8.9312	1.32421
9200	0.4604	2.1134	4.9170	1.1687	6.127	1.3353	8.9789	1.33014
9300	0.5003	2.1600	4.9240	1.1703	6.180	1.3417	9.0254	1.33601
9400	0.5394	2.2059	4.9308	1.1721	6.232	1.3481	9.0705	1.34181
9500	0.5779	2.2510	4.9375	1.1737	6.284	1.3544	9.1147	1.34758
9600	0.6155	2.2952	4.9440	1.1754	6.337	1.3608	9.1575	1.35329
9700	0.6525	2.3387	4.9505	1.1771	6.389	1.3671	9.1990	1.35894
9800	0.6888	2.3814	4.9569	1.1788	6.441	1.3735	9.2394	1.36453
9900	0.7244	2.4235	4.9631	1.1804	6.493	1.3798	9.2788	1.37006
10000	0.7594	2.4648	4.9693	1.1817	6.544	1.3861	9.3172	1.37550
10100	0.7939	2.5055	4.9753	1.1793	6.585	1.3923	9.3543	1.38084
10200	0.8297	2.5477	4.9813	1.1810	6.638	1.3989	9.4017	1.38639
10300	0.8629	2.5870	4.9877	1.1869	6.702	1.4051	9.4369	1.39164
10400	0.8955	2.6257	4.9934	1.1893	6.756	1.4114	9.4708	1.39679
10500	0.9273	2.6636	4.9991	1.1910	6.809	1.4176	9.5040	1.40188
10600	0.9588	2.7012	5.0047	1.1926	6.861	1.4239	9.5365	1.40692
10700	0.9897	2.7380	5.0102	1.1946	6.914	1.4301	9.5681	1.41188
10800	1.0200	2.7743	5.0156	1.1962	6.966	1.4363	9.5981	1.41673
10900	1.0499	2.8101	5.0210	1.1981	7.019	1.4426	9.6281	1.42159
11000	1.0792	2.8453	5.0262	1.2004	7.073	1.4489	9.6572	1.42637
11100	1.1080	2.8799	5.0314	1.2030	7.128	1.4551	9.6851	1.43105

S/R= 37.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	1.1364	2.9140	5.0366	1.2052	7.182	1.4615	9.7134	1.43575
11300	1.1641	2.9474	5.0416	1.2075	7.237	1.4677	9.7395	1.44026
11400	1.1915	2.9805	5.0466	1.2089	7.289	1.4741	9.7659	1.44479
11500	1.2186	3.0133	5.0516	1.2110	7.343	1.4805	9.7917	1.44928
11600	1.2449	3.0453	5.0564	1.2134	7.398	1.4868	9.8161	1.45364
11700	1.2711	3.0770	5.0612	1.2156	7.452	1.4932	9.8403	1.45796
11800	1.2967	3.1082	5.0659	1.2184	7.509	1.4997	9.8639	1.46224
11900	1.3221	3.1391	5.0706	1.2211	7.566	1.5063	9.8878	1.46652
12000	1.3468	3.1693	5.0753	1.2237	7.622	1.5127	9.9100	1.47062
12100	1.3712	3.1993	5.0798	1.2260	7.677	1.5194	9.9323	1.47474
12200	1.3953	3.2288	5.0844	1.2280	7.732	1.5260	9.9540	1.47879
12300	1.4191	3.2581	5.0888	1.2302	7.788	1.5327	9.9757	1.48283
12400	1.4423	3.2867	5.0932	1.2331	7.845	1.5393	9.9957	1.48672
12500	1.4653	3.3151	5.0976	1.2355	7.902	1.5460	10.0162	1.49061
12600	1.4880	3.3430	5.1019	1.2391	7.962	1.5528	10.0360	1.49444
12700	1.5101	3.3705	5.1062	1.2419	8.021	1.5597	10.0555	1.49823
12800	1.5320	3.3977	5.1104	1.2440	8.076	1.5665	10.0743	1.50191
12900	1.5537	3.4248	5.1146	1.2472	8.136	1.5735	10.0934	1.50561
13000	1.5750	3.4513	5.1188	1.2501	8.196	1.5806	10.1123	1.50927
13100	1.5960	3.4776	5.1229	1.2521	8.252	1.5877	10.1304	1.51284
13200	1.6166	3.5035	5.1269	1.2550	8.312	1.5948	10.1479	1.51634
13300	1.6369	3.5290	5.1310	1.2575	8.370	1.6019	10.1652	1.51981
13400	1.6571	3.5544	5.1350	1.2608	8.432	1.6091	10.1826	1.52327
13500	1.6767	3.5792	5.1389	1.2639	8.492	1.6163	10.1991	1.52662
13600	1.6963	3.6040	5.1428	1.2663	8.551	1.6237	10.2160	1.52996
13700	1.7156	3.6284	5.1467	1.2700	8.615	1.6311	10.2327	1.53328
13800	1.7345	3.6525	5.1506	1.2719	8.673	1.6386	10.2491	1.53653
13900	1.7534	3.6765	5.1544	1.2748	8.734	1.6462	10.2657	1.53980
14000	1.7718	3.7000	5.1582	1.2786	8.798	1.6538	10.2818	1.54294
14100	1.7901	3.7235	5.1620	1.2804	8.857	1.6615	10.2981	1.54615
14200	1.8082	3.7466	5.1657	1.2818	8.914	1.6693	10.3142	1.54929
14300	1.8261	3.7696	5.1694	1.2845	8.975	1.6770	10.3296	1.55236
14400	1.8437	3.7922	5.1731	1.2877	9.039	1.6848	10.3453	1.55542
14500	1.8611	3.8146	5.1768	1.2900	9.099	1.6926	10.3606	1.55843
14600	1.8783	3.8368	5.1804	1.2923	9.160	1.7005	10.3759	1.56141
14700	1.8954	3.8590	5.1840	1.2945	9.221	1.7086	10.3920	1.56445
14800	1.9122	3.8807	5.1876	1.2969	9.282	1.7165	10.4071	1.56736
14900	1.9289	3.9024	5.1912	1.2985	9.341	1.7247	10.4233	1.57038
15000	1.9455	3.9239	5.1948	1.2988	9.396	1.7329	10.4393	1.57334

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.8368	-7.0222	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.4463	-6.4056	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-6.1329	-5.9673	3.1470	1.3968	1.209	1.0000	3.5071	1.00000
500	-5.8873	-5.6247	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.6825	-5.3407	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.5045	-5.0958	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.3456	-4.8789	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-5.2014	-4.6836	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.0688	-4.5051	3.5589	1.3427	1.874	1.0000	3.6218	1.00000
1100	-4.9465	-4.3414	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.8326	-4.1897	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.7260	-4.0483	3.6835	1.3237	2.121	1.0000	3.7119	1.00000

S/R= 37.18

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-4.6258	-3.9159	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.5314	-3.7915	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-4.4421	-3.6742	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.3574	-3.5631	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.2769	-3.4578	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-4.2002	-3.3576	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-4.1213	-3.2567	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.0506	-3.1648	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-3.9828	-3.0768	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-3.9177	-2.9924	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.8552	-2.9114	3.9795	1.2947	2.851	1.0000	3.9744	1.00000
2500	-3.7949	-2.8333	3.9991	1.2935	2.908	1.0000	3.9921	1.00000
2600	-3.7367	-2.7581	4.0179	1.2921	2.964	1.0000	4.0081	1.00001
2700	-3.6804	-2.6855	4.0360	1.2905	3.019	1.0000	4.0234	1.00002
2800	-3.6259	-2.6151	4.0535	1.2890	3.072	1.0000	4.0393	1.00003
2900	-3.5730	-2.5469	4.0703	1.2868	3.124	1.0001	4.0543	1.00007
3000	-3.5213	-2.4805	4.0866	1.2835	3.173	1.0001	4.0692	1.00012
3100	-3.4706	-2.4155	4.1026	1.2796	3.221	1.0002	4.0856	1.00020
3200	-3.4207	-2.3518	4.1182	1.2742	3.266	1.0003	4.1022	1.00035
3300	-3.3710	-2.2887	4.1335	1.2674	3.308	1.0006	4.1210	1.00056
3400	-3.3214	-2.2259	4.1488	1.2590	3.347	1.0009	4.1429	1.00087
3500	-3.2711	-2.1628	4.1639	1.2489	3.383	1.0013	4.1672	1.00132
3600	-3.2198	-2.0990	4.1792	1.2376	3.417	1.0020	4.1969	1.00196
3700	-3.1668	-2.0338	4.1947	1.2251	3.448	1.0028	4.2314	1.00281
3800	-3.1116	-1.9665	4.2106	1.2125	3.478	1.0039	4.2739	1.00394
3900	-3.0539	-1.8969	4.2269	1.2000	3.508	1.0054	4.3234	1.00539
4000	-2.9932	-1.8244	4.2436	1.1880	3.538	1.0072	4.3807	1.00720
4100	-2.9292	-1.7487	4.2609	1.1771	3.569	1.0094	4.4476	1.00942
4200	-2.8618	-1.6697	4.2787	1.1674	3.602	1.0121	4.5232	1.01208
4300	-2.7909	-1.5873	4.2971	1.1591	3.638	1.0152	4.6088	1.01519
4400	-2.7169	-1.5018	4.3157	1.1521	3.675	1.0187	4.7016	1.01875
4500	-2.6398	-1.4133	4.3348	1.1463	3.714	1.0228	4.8033	1.02276
4600	-2.5604	-1.3224	4.3539	1.1415	3.756	1.0272	4.9108	1.02720
4700	-2.4787	-1.2293	4.3732	1.1377	3.799	1.0320	5.0242	1.03204
4800	-2.3954	-1.1347	4.3924	1.1347	3.844	1.0373	5.1427	1.03726
4900	-2.3108	-1.0388	4.4116	1.1324	3.890	1.0428	5.2653	1.04283
5000	-2.2256	-0.9424	4.4305	1.1321	3.940	1.0487	5.3897	1.04870
5100	-2.1412	-0.8467	4.4492	1.1308	3.989	1.0550	5.5156	1.05499
5200	-2.0554	-0.7499	4.4675	1.1284	4.036	1.0614	5.6426	1.06137
5300	-1.9698	-0.6534	4.4855	1.1278	4.086	1.0680	5.7702	1.06795
5400	-1.8847	-0.5574	4.5031	1.1274	4.136	1.0747	5.8974	1.07470
5500	-1.8002	-0.4622	4.5202	1.1273	4.188	1.0816	6.0238	1.08161
5600	-1.7167	-0.3680	4.5370	1.1275	4.240	1.0887	6.1490	1.08865
5700	-1.6342	-0.2750	4.5533	1.1278	4.292	1.0958	6.2725	1.09579
5800	-1.5528	-0.1832	4.5692	1.1283	4.345	1.1031	6.3941	1.10303
5900	-1.4727	-0.0928	4.5847	1.1289	4.398	1.1104	6.5136	1.11035
6000	-1.3939	-0.0038	4.5997	1.1297	4.451	1.1178	6.6308	1.11772
6100	-1.3167	0.0834	4.6143	1.1305	4.505	1.1252	6.7451	1.12512
6200	-1.2409	0.1692	4.6285	1.1314	4.558	1.1326	6.8569	1.13255
6300	-1.1666	0.2533	4.6423	1.1323	4.612	1.1401	6.9660	1.13999
6400	-1.0937	0.3359	4.6558	1.1332	4.665	1.1476	7.0725	1.14745
6500	-1.0222	0.4169	4.6688	1.1341	4.719	1.1550	7.1763	1.15489
6600	-0.9522	0.4963	4.6815	1.1352	4.772	1.1625	7.2776	1.16232
6700	-0.8836	0.5742	4.6939	1.1362	4.826	1.1699	7.3761	1.16972
6800	-0.8165	0.6505	4.7060	1.1372	4.879	1.1774	7.4722	1.17712

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-0.7508	0.7253	4.7177	1.1385	4.933	1.1848	7.5654	1.18447
7000	-0.6864	0.7986	4.7291	1.1397	4.987	1.1921	7.6559	1.19179
7100	-0.6235	0.8703	4.7402	1.1410	5.041	1.1995	7.7439	1.19909
7200	-0.5620	0.9406	4.7511	1.1422	5.094	1.2068	7.8293	1.20634
7300	-0.5018	1.0094	4.7616	1.1435	5.148	1.2141	7.9120	1.21355
7400	-0.4429	1.0767	4.7719	1.1448	5.202	1.2213	7.9924	1.22071
7500	-0.3853	1.1427	4.7820	1.1462	5.255	1.2285	8.0703	1.22783
7600	-0.3289	1.2074	4.7917	1.1476	5.309	1.2357	8.1458	1.23488
7700	-0.2738	1.2707	4.8013	1.1487	5.362	1.2428	8.2190	1.24188
7800	-0.2198	1.3328	4.8107	1.1500	5.415	1.2499	8.2902	1.24883
7900	-0.1669	1.3936	4.8198	1.1513	5.467	1.2569	8.3592	1.25571
8000	-0.1151	1.4533	4.8287	1.1524	5.520	1.2638	8.4261	1.26252
8100	-0.0644	1.5118	4.8375	1.1536	5.572	1.2708	8.4913	1.26927
8200	-0.0146	1.5692	4.8460	1.1548	5.625	1.2776	8.5549	1.27594
8300	0.0341	1.6255	4.8544	1.1560	5.677	1.2844	8.6164	1.28254
8400	0.0819	1.6807	4.8626	1.1573	5.729	1.2912	8.6762	1.28908
8500	0.1287	1.7350	4.8707	1.1586	5.782	1.2979	8.7345	1.29555
8600	0.1746	1.7882	4.8785	1.1598	5.833	1.3046	8.7912	1.30195
8700	0.2196	1.8404	4.8863	1.1611	5.885	1.3112	8.8463	1.30829
8800	0.2637	1.8917	4.8939	1.1625	5.938	1.3178	8.8998	1.31456
8900	0.3070	1.9420	4.9013	1.1641	5.990	1.3244	8.9518	1.32077
9000	0.3494	1.9914	4.9086	1.1655	6.042	1.3309	9.0026	1.32692
9100	0.3911	2.0400	4.9158	1.1668	6.094	1.3374	9.0518	1.33298
9200	0.4319	2.0876	4.9228	1.1683	6.146	1.3439	9.0995	1.33899
9300	0.4719	2.1344	4.9297	1.1700	6.198	1.3503	9.1459	1.34494
9400	0.5111	2.1804	4.9365	1.1716	6.251	1.3567	9.1910	1.35082
9500	0.5496	2.2255	4.9432	1.1733	6.303	1.3631	9.2351	1.35666
9600	0.5874	2.2699	4.9497	1.1750	6.356	1.3695	9.2778	1.36245
9700	0.6245	2.3135	4.9562	1.1767	6.408	1.3759	9.3193	1.36818
9800	0.6609	2.3563	4.9625	1.1783	6.460	1.3823	9.3595	1.37384
9900	0.6966	2.3984	4.9687	1.1798	6.512	1.3886	9.3988	1.37943
10000	0.7316	2.4398	4.9748	1.1811	6.564	1.3949	9.4370	1.38494
10100	0.7661	2.4805	4.9809	1.1789	6.605	1.4012	9.4740	1.39035
10200	0.8020	2.5228	4.9873	1.1805	6.658	1.4078	9.5212	1.39598
10300	0.8353	2.5622	4.9931	1.1862	6.722	1.4141	9.5562	1.40129
10400	0.8679	2.6009	4.9989	1.1886	6.776	1.4203	9.5900	1.40651
10500	0.8998	2.6389	5.0045	1.1902	6.828	1.4265	9.6229	1.41166
10600	0.9314	2.6764	5.0101	1.1918	6.880	1.4328	9.6550	1.41677
10700	0.9623	2.7133	5.0155	1.1940	6.934	1.4390	9.6864	1.42179
10800	0.9927	2.7496	5.0209	1.1956	6.986	1.4452	9.7163	1.42671
10900	1.0226	2.7854	5.0263	1.1973	7.038	1.4515	9.7461	1.43163
11000	1.0520	2.8206	5.0315	1.1994	7.092	1.4577	9.7747	1.43646
11100	1.0808	2.8552	5.0367	1.2019	7.147	1.4640	9.8025	1.44121
11200	1.1092	2.8894	5.0418	1.2042	7.201	1.4703	9.8303	1.44596
11300	1.1369	2.9229	5.0468	1.2064	7.255	1.4765	9.8561	1.45053
11400	1.1643	2.9559	5.0518	1.2080	7.307	1.4828	9.8822	1.45512
11500	1.1915	2.9888	5.0567	1.2101	7.362	1.4892	9.9078	1.45966
11600	1.2179	3.0207	5.0615	1.2122	7.416	1.4955	9.9319	1.46408
11700	1.2440	3.0525	5.0663	1.2142	7.469	1.5019	9.9557	1.46846
11800	1.2697	3.0836	5.0710	1.2169	7.526	1.5082	9.9789	1.47279
11900	1.2951	3.1145	5.0757	1.2196	7.582	1.5147	10.0023	1.47712
12000	1.3198	3.1447	5.0802	1.2221	7.638	1.5211	10.0240	1.48128
12100	1.3443	3.1747	5.0848	1.2244	7.693	1.5277	10.0460	1.48545
12200	1.3683	3.2042	5.0893	1.2265	7.748	1.5342	10.0672	1.48955
12300	1.3922	3.2334	5.0937	1.2289	7.804	1.5408	10.0886	1.49365

S/R= 37.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	1.4154	3.2620	5.0981	1.2312	7.860	1.5474	10.1083	1.49759
12500	1.4385	3.2904	5.1024	1.2334	7.915	1.5540	10.1283	1.50153
12600	1.4611	3.3184	5.1067	1.2370	7.976	1.5607	10.1476	1.50541
12700	1.4833	3.3459	5.1110	1.2397	8.033	1.5674	10.1666	1.50925
12800	1.5052	3.3730	5.1152	1.2417	8.088	1.5741	10.1848	1.51298
12900	1.5269	3.4000	5.1193	1.2448	8.148	1.5810	10.2035	1.51673
13000	1.5482	3.4266	5.1235	1.2477	8.207	1.5879	10.2219	1.52044
13100	1.5692	3.4528	5.1276	1.2501	8.264	1.5949	10.2395	1.52406
13200	1.5899	3.4787	5.1316	1.2530	8.324	1.6019	10.2566	1.52761
13300	1.6102	3.5041	5.1356	1.2549	8.380	1.6089	10.2736	1.53112
13400	1.6304	3.5295	5.1395	1.2578	8.439	1.6159	10.2904	1.53463
13500	1.6500	3.5543	5.1434	1.2608	8.499	1.6230	10.3063	1.53803
13600	1.6697	3.5790	5.1473	1.2631	8.557	1.6302	10.3226	1.54142
13700	1.6889	3.6034	5.1512	1.2667	8.620	1.6374	10.3387	1.54479
13800	1.7079	3.6274	5.1550	1.2686	8.677	1.6447	10.3545	1.54808
13900	1.7268	3.6515	5.1588	1.2714	8.738	1.6521	10.3706	1.55140
14000	1.7452	3.6749	5.1626	1.2751	8.801	1.6595	10.3859	1.55459
14100	1.7636	3.6983	5.1663	1.2772	8.860	1.6670	10.4017	1.55784
14200	1.7817	3.7215	5.1700	1.2792	8.919	1.6746	10.4172	1.56102
14300	1.7996	3.7444	5.1737	1.2814	8.978	1.6822	10.4324	1.56414
14400	1.8172	3.7670	5.1774	1.2839	9.039	1.6898	10.4472	1.56724
14500	1.8346	3.7893	5.1810	1.2862	9.098	1.6974	10.4620	1.57030
14600	1.8517	3.8114	5.1846	1.2883	9.158	1.7050	10.4766	1.57331
14700	1.8689	3.8335	5.1882	1.2906	9.218	1.7129	10.4919	1.57639
14800	1.8857	3.8552	5.1917	1.2930	9.279	1.7206	10.5063	1.57934
14900	1.9024	3.8768	5.1953	1.2945	9.337	1.7285	10.5217	1.58239
15000	1.9190	3.8983	5.1988	1.2948	9.391	1.7364	10.5369	1.58538

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
200	-6.9737	-7.1091	2.8445	1.3997	0.856	1.0000	3.4955	1.00000
300	-6.5332	-6.4925	3.0211	1.3993	1.048	1.0000	3.4990	1.00000
400	-6.2198	-6.0541	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-5.9741	-5.7116	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.7693	-5.4276	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.5913	-5.1826	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.4325	-4.9658	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.2883	-4.7704	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.1557	-4.5919	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.0334	-4.4282	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-4.9195	-4.2765	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.8129	-4.1352	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-4.7127	-4.0028	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.6182	-3.8784	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-4.5289	-3.7610	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.4442	-3.6500	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.3637	-3.5447	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.2870	-3.4445	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.2082	-3.3435	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.1375	-3.2516	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.0697	-3.1637	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.0046	-3.0793	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-3.9420	-2.9982	3.9795	1.2946	2.850	1.0000	3.9744	1.00000
2500	-3.8817	-2.9202	3.9991	1.2935	2.908	1.0000	3.9921	1.00000

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-3.8236	-2.8450	4.0179	1.2921	2.964	1.0000	4.0082	1.00001
2700	-3.7673	-2.7723	4.0360	1.2904	3.018	1.0000	4.0235	1.00002
2800	-3.7127	-2.7019	4.0535	1.2888	3.072	1.0000	4.0395	1.00003
2900	-3.6597	-2.6337	4.0703	1.2863	3.123	1.0001	4.0546	1.00007
3000	-3.6079	-2.5671	4.0867	1.2830	3.173	1.0001	4.0697	1.00013
3100	-3.5571	-2.5020	4.1027	1.2787	3.220	1.0002	4.0864	1.00023
3200	-3.5069	-2.4380	4.1183	1.2729	3.264	1.0004	4.1035	1.00038
3300	-3.4570	-2.3746	4.1337	1.2655	3.306	1.0006	4.1231	1.00062
3400	-3.4068	-2.3113	4.1491	1.2565	3.344	1.0010	4.1460	1.00097
3500	-3.3559	-2.2476	4.1644	1.2458	3.379	1.0015	4.1718	1.00146
3600	-3.3038	-2.1829	4.1799	1.2338	3.412	1.0022	4.2034	1.00216
3700	-3.2497	-2.1165	4.1956	1.2208	3.442	1.0031	4.2403	1.00309
3800	-3.1932	-2.0479	4.2118	1.2079	3.472	1.0043	4.2858	1.00432
3900	-3.1339	-1.9766	4.2284	1.1953	3.502	1.0059	4.3389	1.00590
4000	-3.0712	-1.9022	4.2456	1.1833	3.532	1.0079	4.4004	1.00788
4100	-3.0051	-1.8242	4.2633	1.1725	3.564	1.0103	4.4720	1.01028
4200	-2.9353	-1.7428	4.2815	1.1631	3.598	1.0131	4.5527	1.01314
4300	-2.8620	-1.6578	4.3003	1.1551	3.634	1.0165	4.6438	1.01648
4400	-2.7855	-1.5697	4.3194	1.1485	3.672	1.0203	4.7421	1.02027
4500	-2.7059	-1.4785	4.3389	1.1429	3.712	1.0245	4.8495	1.02454
4600	-2.6238	-1.3850	4.3585	1.1386	3.754	1.0292	4.9626	1.02923
4700	-2.5397	-1.2894	4.3781	1.1350	3.799	1.0343	5.0814	1.03433
4800	-2.4540	-1.1922	4.3977	1.1323	3.844	1.0398	5.2051	1.03981
4900	-2.3672	-1.0940	4.4171	1.1302	3.891	1.0456	5.3326	1.04564
5000	-2.2798	-0.9953	4.4363	1.1300	3.942	1.0518	5.4616	1.05175
5100	-2.1934	-0.8976	4.4551	1.1289	3.992	1.0583	5.5919	1.05829
5200	-2.1057	-0.7988	4.4736	1.1268	4.039	1.0649	5.7229	1.06491
5300	-2.0185	-0.7005	4.4917	1.1263	4.090	1.0717	5.8541	1.07172
5400	-1.9317	-0.6028	4.5094	1.1261	4.142	1.0787	5.9847	1.07869
5500	-1.8458	-0.5061	4.5267	1.1261	4.194	1.0858	6.1141	1.08581
5600	-1.7610	-0.4105	4.5435	1.1264	4.246	1.0931	6.2422	1.09306
5700	-1.6772	-0.3162	4.5599	1.1268	4.299	1.1004	6.3683	1.10040
5800	-1.5947	-0.2232	4.5758	1.1273	4.352	1.1079	6.4924	1.10783
5900	-1.5135	-0.1317	4.5913	1.1280	4.406	1.1154	6.6140	1.11533
6000	-1.4338	-0.0417	4.6064	1.1288	4.460	1.1229	6.7332	1.12289
6100	-1.3556	0.0466	4.6210	1.1297	4.514	1.1305	6.8493	1.13046
6200	-1.2790	0.1332	4.6352	1.1306	4.568	1.1381	6.9627	1.13806
6300	-1.2039	0.2182	4.6490	1.1316	4.622	1.1458	7.0735	1.14566
6400	-1.1303	0.3015	4.6624	1.1325	4.676	1.1534	7.1813	1.15327
6500	-1.0582	0.3832	4.6754	1.1335	4.730	1.1610	7.2864	1.16087
6600	-0.9875	0.4633	4.6881	1.1346	4.784	1.1686	7.3890	1.16844
6700	-0.9184	0.5418	4.7005	1.1356	4.838	1.1762	7.4885	1.17599
6800	-0.8507	0.6187	4.7125	1.1367	4.892	1.1838	7.5854	1.18352
6900	-0.7845	0.6940	4.7242	1.1380	4.946	1.1913	7.6797	1.19101
7000	-0.7197	0.7677	4.7356	1.1392	5.000	1.1988	7.7710	1.19846
7100	-0.6564	0.8399	4.7467	1.1405	5.054	1.2063	7.8597	1.20589
7200	-0.5944	0.9106	4.7575	1.1418	5.108	1.2137	7.9458	1.21327
7300	-0.5339	0.9798	4.7680	1.1431	5.162	1.2211	8.0291	1.22060
7400	-0.4746	1.0475	4.7783	1.1444	5.216	1.2284	8.1101	1.22787
7500	-0.4167	1.1139	4.7883	1.1458	5.270	1.2358	8.1886	1.23511
7600	-0.3600	1.1789	4.7980	1.1472	5.323	1.2430	8.2645	1.24227
7700	-0.3046	1.2425	4.8076	1.1484	5.377	1.2502	8.3380	1.24939
7800	-0.2503	1.3049	4.8169	1.1496	5.430	1.2574	8.4096	1.25644
7900	-0.1972	1.3660	4.8260	1.1509	5.483	1.2645	8.4790	1.26342
8000	-0.1452	1.4259	4.8349	1.1521	5.536	1.2716	8.5462	1.27034

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-0.0942	1.4846	4.8436	1.1533	5.589	1.2786	8.6117	1.27718
8200	-0.0443	1.5422	4.8521	1.1545	5.641	1.2856	8.6752	1.28396
8300	0.0047	1.5988	4.8604	1.1557	5.694	1.2924	8.7371	1.29066
8400	0.0526	1.6542	4.8686	1.1570	5.746	1.2993	8.7971	1.29729
8500	0.0996	1.7086	4.8766	1.1583	5.799	1.3061	8.8555	1.30385
8600	0.1457	1.7620	4.8845	1.1595	5.851	1.3128	8.9123	1.31034
8700	0.1908	1.8144	4.8922	1.1608	5.903	1.3196	8.9675	1.31677
8800	0.2351	1.8658	4.8997	1.1622	5.956	1.3262	9.0211	1.32312
8900	0.2785	1.9163	4.9071	1.1637	6.008	1.3328	9.0731	1.32942
9000	0.3210	1.9658	4.9144	1.1652	6.061	1.3394	9.1238	1.33565
9100	0.3628	2.0145	4.9216	1.1665	6.112	1.3460	9.1730	1.34179
9200	0.4037	2.0622	4.9286	1.1680	6.165	1.3525	9.2208	1.34788
9300	0.4438	2.1091	4.9354	1.1695	6.217	1.3590	9.2671	1.35391
9400	0.4832	2.1552	4.9422	1.1713	6.270	1.3654	9.3121	1.35987
9500	0.5218	2.2004	4.9488	1.1729	6.323	1.3719	9.3560	1.36578
9600	0.5596	2.2449	4.9553	1.1747	6.375	1.3783	9.3987	1.37164
9700	0.5968	2.2885	4.9618	1.1763	6.428	1.3848	9.4401	1.37745
9800	0.6332	2.3314	4.9680	1.1778	6.480	1.3912	9.4802	1.38318
9900	0.6690	2.3736	4.9742	1.1793	6.532	1.3975	9.5193	1.38884
10000	0.7041	2.4151	4.9803	1.1806	6.583	1.4038	9.5573	1.39442
10100	0.7387	2.4559	4.9863	1.1785	6.625	1.4101	9.5940	1.39990
10200	0.7746	2.4981	4.9927	1.1802	6.678	1.4168	9.6412	1.40560
10300	0.8080	2.5376	4.9985	1.1858	6.742	1.4231	9.6761	1.41098
10400	0.8406	2.5764	5.0042	1.1879	6.795	1.4293	9.7096	1.41626
10500	0.8726	2.6144	5.0098	1.1895	6.847	1.4355	9.7422	1.42148
10600	0.9042	2.6520	5.0154	1.1911	6.899	1.4418	9.7741	1.42664
10700	0.9351	2.6889	5.0208	1.1933	6.953	1.4480	9.8052	1.43173
10800	0.9655	2.7252	5.0262	1.1950	7.006	1.4542	9.8347	1.43671
10900	0.9955	2.7611	5.0315	1.1967	7.058	1.4605	9.8644	1.44169
11000	1.0249	2.7963	5.0367	1.1985	7.111	1.4667	9.8928	1.44658
11100	1.0538	2.8309	5.0418	1.2009	7.166	1.4729	9.9201	1.45138
11200	1.0822	2.8651	5.0469	1.2032	7.220	1.4792	9.9477	1.45619
11300	1.1100	2.8985	5.0519	1.2054	7.274	1.4854	9.9730	1.46082
11400	1.1374	2.9316	5.0569	1.2069	7.326	1.4917	9.9987	1.46546
11500	1.1646	2.9644	5.0617	1.2093	7.381	1.4980	10.0240	1.47006
11600	1.1910	2.9964	5.0665	1.2113	7.435	1.5043	10.0479	1.47454
11700	1.2172	3.0281	5.0713	1.2130	7.487	1.5106	10.0713	1.47897
11800	1.2428	3.0593	5.0760	1.2156	7.543	1.5169	10.0941	1.48335
11900	1.2682	3.0902	5.0806	1.2181	7.599	1.5233	10.1172	1.48773
12000	1.2930	3.1204	5.0852	1.2206	7.654	1.5297	10.1384	1.49195
12100	1.3175	3.1503	5.0897	1.2228	7.709	1.5361	10.1600	1.49617
12200	1.3416	3.1798	5.0941	1.2249	7.764	1.5426	10.1808	1.50032
12300	1.3654	3.2090	5.0986	1.2276	7.821	1.5491	10.2017	1.50446
12400	1.3887	3.2376	5.1029	1.2301	7.877	1.5556	10.2211	1.50846
12500	1.4117	3.2660	5.1072	1.2317	7.931	1.5622	10.2407	1.51245
12600	1.4344	3.2939	5.1115	1.2349	7.989	1.5687	10.2595	1.51638
12700	1.4566	3.3214	5.1157	1.2376	8.047	1.5753	10.2781	1.52026
12800	1.4785	3.3485	5.1199	1.2395	8.101	1.5819	10.2958	1.52404
12900	1.5002	3.3755	5.1240	1.2424	8.160	1.5887	10.3139	1.52784
13000	1.5216	3.4020	5.1281	1.2453	8.218	1.5955	10.3318	1.53160
13100	1.5426	3.4282	5.1322	1.2478	8.276	1.6023	10.3488	1.53527
13200	1.5633	3.4540	5.1362	1.2509	8.335	1.6091	10.3655	1.53886
13300	1.5836	3.4795	5.1401	1.2531	8.392	1.6160	10.3819	1.54243
13400	1.6038	3.5048	5.1441	1.2556	8.450	1.6230	10.3985	1.54598
13500	1.6235	3.5296	5.1479	1.2580	8.508	1.6299	10.4138	1.54943

S/R= 38.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	1.6431	3.5542	5.1518	1.2602	8.565	1.6369	10.4295	1.55286
13700	1.6624	3.5786	5.1556	1.2636	8.627	1.6440	10.4450	1.55627
13800	1.6813	3.6026	5.1594	1.2654	8.683	1.6511	10.4602	1.55961
13900	1.7003	3.6266	5.1632	1.2682	8.743	1.6583	10.4756	1.56297
14000	1.7197	3.6500	5.1669	1.2717	8.806	1.6655	10.4903	1.56621
14100	1.7371	3.6733	5.1706	1.2740	8.864	1.6728	10.5055	1.56950
14200	1.7552	3.6964	5.1743	1.2757	8.922	1.6802	10.5205	1.57273
14300	1.7731	3.7193	5.1780	1.2785	8.983	1.6876	10.5350	1.57589
14400	1.7907	3.7418	5.1816	1.2813	9.043	1.6951	10.5494	1.57904
14500	1.8081	3.7642	5.1852	1.2828	9.100	1.7025	10.5636	1.58213
14600	1.8253	3.7862	5.1887	1.2847	9.158	1.7099	10.5775	1.58519
14700	1.8424	3.8083	5.1923	1.2869	9.218	1.7175	10.5922	1.58831
14800	1.8592	3.8299	5.1958	1.2892	9.277	1.7250	10.6059	1.59129
14900	1.8759	3.8514	5.1993	1.2908	9.335	1.7327	10.6205	1.59438
15000	1.8925	3.8729	5.2028	1.2914	9.389	1.7404	10.6350	1.59741

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.6200	-6.5793	3.0211	1.3987	1.047	1.0000	3.4990	1.00000
400	-6.3067	-6.1410	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-6.0610	-5.7984	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.8562	-5.5144	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.6782	-5.2695	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.5193	-5.0526	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.3751	-4.8573	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.2426	-4.6788	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.1203	-4.5151	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.0063	-4.3634	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.8997	-4.2220	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-4.7995	-4.0896	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.7051	-3.9652	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-4.6158	-3.8479	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.5311	-3.7368	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.4506	-3.6315	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.3739	-3.5314	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.2950	-3.4304	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.2243	-3.3385	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.1566	-3.2505	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.0915	-3.1661	3.9591	1.2959	2.792	1.0000	3.9567	1.00000
2400	-4.0289	-3.0851	3.9795	1.2946	2.850	1.0000	3.9744	1.00000
2500	-3.9686	-3.0070	3.9991	1.2935	2.908	1.0000	3.9921	1.00000
2600	-3.9104	-2.9318	4.0179	1.2920	2.964	1.0000	4.0082	1.00001
2700	-3.8541	-2.8591	4.0360	1.2904	3.018	1.0000	4.0236	1.00002
2800	-3.7995	-2.7887	4.0535	1.2885	3.072	1.0000	4.0397	1.00004
2900	-3.7464	-2.7204	4.0704	1.2858	3.123	1.0001	4.0549	1.00008
3000	-3.6945	-2.6537	4.0867	1.2823	3.172	1.0001	4.0702	1.00015
3100	-3.6436	-2.5885	4.1028	1.2777	3.219	1.0003	4.0873	1.00025
3200	-3.5931	-2.5242	4.1185	1.2714	3.262	1.0004	4.1050	1.00042
3300	-3.5428	-2.4604	4.1340	1.2634	3.303	1.0007	4.1253	1.00068
3400	-3.4922	-2.3966	4.1495	1.2538	3.341	1.0011	4.1494	1.00107
3500	-3.4405	-2.3322	4.1649	1.2425	3.375	1.0016	4.1767	1.00161
3600	-3.3875	-2.2665	4.1806	1.2299	3.407	1.0024	4.2104	1.00237
3700	-3.3322	-2.1989	4.1966	1.2164	3.436	1.0034	4.2500	1.00340
3800	-3.2742	-2.1288	4.2131	1.2032	3.466	1.0047	4.2987	1.00475

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-3.2132	-2.0557	4.2301	1.1905	3.496	1.0065	4.3557	1.00646
4000	-3.1485	-1.9791	4.2476	1.1786	3.526	1.0086	4.4217	1.00861
4100	-3.0801	-1.8989	4.2658	1.1680	3.558	1.0112	4.4983	1.01120
4200	-3.0079	-1.8149	4.2845	1.1589	3.593	1.0143	4.5844	1.01428
4300	-2.9320	-1.7273	4.3038	1.1513	3.630	1.0178	4.6811	1.01785
4400	-2.8529	-1.6364	4.3234	1.1449	3.669	1.0219	4.7852	1.02189
4500	-2.7707	-1.5425	4.3433	1.1398	3.710	1.0264	4.8983	1.02641
4600	-2.6861	-1.4463	4.3632	1.1357	3.754	1.0314	5.0170	1.03137
4700	-2.5995	-1.3482	4.3832	1.1324	3.799	1.0367	5.1413	1.03673
4800	-2.5114	-1.2485	4.4031	1.1300	3.845	1.0425	5.2702	1.04247
4900	-2.4224	-1.1480	4.4228	1.1282	3.893	1.0486	5.4025	1.04855
5000	-2.3329	-1.0471	4.4422	1.1281	3.945	1.0549	5.5361	1.05492
5100	-2.2444	-0.9472	4.4612	1.1271	3.995	1.0617	5.6708	1.06171
5200	-2.1550	-0.8466	4.4799	1.1253	4.044	1.0686	5.8057	1.06857
5300	-2.0660	-0.7465	4.4981	1.1249	4.095	1.0756	5.9404	1.07560
5400	-1.9778	-0.6472	4.5159	1.1248	4.147	1.0828	6.0743	1.08279
5500	-1.8904	-0.5490	4.5332	1.1249	4.200	1.0901	6.2067	1.09012
5600	-1.8042	-0.4520	4.5501	1.1253	4.253	1.0976	6.3375	1.09757
5700	-1.7193	-0.3564	4.5665	1.1257	4.306	1.1051	6.4661	1.10511
5800	-1.6356	-0.2622	4.5825	1.1264	4.360	1.1128	6.5925	1.11273
5900	-1.5535	-0.1696	4.5980	1.1271	4.414	1.1205	6.7163	1.12041
6000	-1.4728	-0.0786	4.6130	1.1280	4.468	1.1282	6.8373	1.12815
6100	-1.3937	0.0105	4.6276	1.1290	4.523	1.1359	6.9553	1.13589
6200	-1.3163	0.0980	4.6418	1.1299	4.577	1.1437	7.0703	1.14365
6300	-1.2404	0.1838	4.6556	1.1309	4.632	1.1515	7.1825	1.15141
6400	-1.1662	0.2678	4.6690	1.1319	4.686	1.1593	7.2917	1.15918
6500	-1.0934	0.3502	4.6820	1.1329	4.741	1.1670	7.3979	1.16692
6600	-1.0222	0.4309	4.6947	1.1340	4.795	1.1748	7.5017	1.17464
6700	-0.9525	0.5100	4.7070	1.1351	4.849	1.1825	7.6023	1.18234
6800	-0.8843	0.5874	4.7190	1.1362	4.904	1.1902	7.7001	1.19000
6900	-0.8176	0.6633	4.7307	1.1375	4.958	1.1979	7.7953	1.19763
7000	-0.7524	0.7375	4.7420	1.1388	5.013	1.2055	7.8873	1.20521
7100	-0.6886	0.8101	4.7531	1.1401	5.067	1.2131	7.9767	1.21276
7200	-0.6263	0.8812	4.7639	1.1414	5.122	1.2207	8.0634	1.22026
7300	-0.5654	0.9508	4.7743	1.1427	5.176	1.2282	8.1474	1.22771
7400	-0.5058	1.0189	4.7846	1.1440	5.230	1.2356	8.2288	1.23510
7500	-0.4476	1.0856	4.7945	1.1454	5.284	1.2431	8.3077	1.24245
7600	-0.3906	1.1509	4.8043	1.1468	5.338	1.2504	8.3842	1.24973
7700	-0.3349	1.2148	4.8138	1.1480	5.392	1.2578	8.4581	1.25695
7800	-0.2804	1.2774	4.8230	1.1493	5.446	1.2650	8.5299	1.26411
7900	-0.2270	1.3388	4.8321	1.1505	5.499	1.2722	8.5996	1.27120
8000	-0.1747	1.3990	4.8410	1.1517	5.552	1.2794	8.6672	1.27821
8100	-0.1236	1.4579	4.8496	1.1530	5.605	1.2865	8.7328	1.28516
8200	-0.0734	1.5157	4.8581	1.1542	5.658	1.2935	8.7966	1.29203
8300	-0.0243	1.5725	4.8664	1.1554	5.711	1.3005	8.8586	1.29882
8400	0.0238	1.6281	4.8746	1.1567	5.764	1.3074	8.9188	1.30555
8500	0.0709	1.6827	4.8826	1.1581	5.816	1.3143	8.9772	1.31220
8600	0.1172	1.7362	4.8904	1.1592	5.869	1.3211	9.0340	1.31878
8700	0.1625	1.7887	4.8981	1.1605	5.921	1.3279	9.0893	1.32529
8800	0.2069	1.8403	4.9056	1.1620	5.974	1.3347	9.1430	1.33174
8900	0.2504	1.8909	4.9129	1.1634	6.027	1.3413	9.1950	1.33811
9000	0.2930	1.9406	4.9202	1.1649	6.079	1.3480	9.2457	1.34442
9100	0.3349	1.9893	4.9273	1.1662	6.131	1.3546	9.2948	1.35065
9200	0.3759	2.0372	4.9343	1.1677	6.184	1.3612	9.3426	1.35681
9300	0.4161	2.0842	4.9411	1.1692	6.236	1.3677	9.3890	1.36292

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	0.4556	2.1303	4.9478	1.1709	6.289	1.3742	9.4338	1.36896
9500	0.4942	2.1757	4.9544	1.1726	6.342	1.3807	9.4776	1.37494
9600	0.5322	2.2202	4.9609	1.1743	6.395	1.3872	9.5200	1.38088
9700	0.5694	2.2639	4.9673	1.1760	6.448	1.3937	9.5614	1.38675
9800	0.6059	2.3069	4.9736	1.1774	6.500	1.4001	9.6015	1.39255
9900	0.6418	2.3491	4.9797	1.1788	6.552	1.4065	9.6404	1.39829
10000	0.6770	2.3906	4.9858	1.1802	6.603	1.4128	9.6781	1.40393
10100	0.7115	2.4315	4.9917	1.1781	6.645	1.4192	9.7146	1.40947
10200	0.7475	2.4738	4.9981	1.1797	6.698	1.4256	9.7614	1.41525
10300	0.7809	2.5133	5.0039	1.1854	6.762	1.4321	9.7962	1.42069
10400	0.8136	2.5521	5.0096	1.1875	6.816	1.4384	9.8296	1.42604
10500	0.8456	2.5901	5.0152	1.1889	6.867	1.4446	9.8619	1.43132
10600	0.8772	2.6278	5.0207	1.1904	6.919	1.4509	9.8934	1.43654
10700	0.9082	2.6647	5.0261	1.1926	6.973	1.4571	9.9243	1.44169
10800	0.9387	2.7010	5.0314	1.1943	7.025	1.4633	9.9535	1.44672
10900	0.9687	2.7369	5.0367	1.1961	7.078	1.4696	9.9828	1.45177
11000	0.9981	2.7721	5.0419	1.1980	7.132	1.4758	10.0111	1.45671
11100	1.0270	2.8068	5.0470	1.2001	7.185	1.4820	10.0382	1.46158
11200	1.0555	2.8410	5.0520	1.2023	7.239	1.4883	10.0653	1.46644
11300	1.0832	2.8744	5.0570	1.2044	7.293	1.4944	10.0904	1.47112
11400	1.1107	2.9074	5.0619	1.2059	7.345	1.5006	10.1156	1.47582
11500	1.1379	2.9403	5.0668	1.2082	7.400	1.5069	10.1405	1.48047
11600	1.1643	2.9722	5.0715	1.2105	7.454	1.5132	10.1640	1.48500
11700	1.1905	3.0040	5.0762	1.2122	7.507	1.5195	10.1872	1.48949
11800	1.2162	3.0351	5.0809	1.2144	7.561	1.5257	10.2096	1.49392
11900	1.2416	3.0660	5.0855	1.2168	7.616	1.5321	10.2323	1.49835
12000	1.2664	3.0962	5.0900	1.2191	7.671	1.5383	10.2531	1.50262
12100	1.2909	3.1261	5.0945	1.2213	7.726	1.5447	10.2741	1.50689
12200	1.3150	3.1556	5.0990	1.2234	7.781	1.5511	10.2945	1.51109
12300	1.3389	3.1848	5.1034	1.2260	7.837	1.5576	10.3150	1.51528
12400	1.3621	3.2134	5.1077	1.2287	7.894	1.5639	10.3339	1.51932
12500	1.3852	3.2417	5.1120	1.2305	7.948	1.5704	10.3532	1.52337
12600	1.4078	3.2696	5.1162	1.2334	8.005	1.5769	10.3716	1.52734
12700	1.4300	3.2970	5.1204	1.2357	8.061	1.5834	10.3898	1.53127
12800	1.4520	3.3241	5.1245	1.2374	8.115	1.5899	10.4069	1.53510
12900	1.4737	3.3511	5.1286	1.2403	8.173	1.5966	10.4245	1.53895
13000	1.4950	3.3776	5.1327	1.2431	8.231	1.6032	10.4418	1.54275
13100	1.5161	3.4037	5.1367	1.2454	8.287	1.6099	10.4583	1.54646
13200	1.5368	3.4295	5.1407	1.2485	8.347	1.6166	10.4744	1.55010
13300	1.5571	3.4549	5.1446	1.2509	8.404	1.6233	10.4904	1.55372
13400	1.5773	3.4803	5.1486	1.2538	8.463	1.6302	10.5065	1.55731
13500	1.5970	3.5050	5.1524	1.2559	8.519	1.6370	10.5214	1.56080
13600	1.6166	3.5296	5.1562	1.2576	8.574	1.6439	10.5365	1.56428
13700	1.6359	3.5539	5.1600	1.2609	8.635	1.6508	10.5515	1.56774
13800	1.6549	3.5779	5.1638	1.2625	8.690	1.6577	10.5661	1.57112
13900	1.6738	3.6018	5.1675	1.2651	8.750	1.6648	10.5809	1.57452
14000	1.6923	3.6252	5.1712	1.2686	8.812	1.6718	10.5950	1.57780
14100	1.7106	3.6485	5.1749	1.2707	8.869	1.6789	10.6095	1.58114
14200	1.7287	3.6715	5.1786	1.2725	8.926	1.6861	10.6238	1.58441
14300	1.7467	3.6943	5.1822	1.2753	8.986	1.6933	10.6377	1.58762
14400	1.7643	3.7168	5.1858	1.2783	9.048	1.7006	10.6516	1.59080
14500	1.7817	3.7391	5.1893	1.2802	9.105	1.7078	10.6653	1.59394
14600	1.7989	3.7611	5.1929	1.2818	9.161	1.7151	10.6787	1.59704
14700	1.8160	3.7831	5.1964	1.2834	9.219	1.7225	10.6927	1.60019
14800	1.8328	3.8047	5.1999	1.2857	9.277	1.7298	10.7057	1.60321

S/R= 38.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	1.8495	3.8262	5.2034	1.2872	9.334	1.7373	10.7197	1.60633
15000	1.8661	3.8475	5.2068	1.2877	9.387	1.7448	10.7333	1.60939

S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.7069	-6.6662	3.0211	1.3987	1.047	1.0000	3.4990	1.00000
400	-6.3935	-6.2278	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-6.1478	-5.8853	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-5.9430	-5.6013	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.7650	-5.3563	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.6062	-5.1395	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.4620	-4.9442	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.3294	-4.7656	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.2071	-4.6020	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.0932	-4.4502	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-4.9866	-4.3089	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-4.8864	-4.1765	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.7920	-4.0521	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.7026	-3.9347	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.6179	-3.8237	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.5374	-3.7184	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.4607	-3.6182	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.3819	-3.5173	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.3111	-3.4253	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.2434	-3.3374	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.1783	-3.2530	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.1157	-3.1719	3.9795	1.2946	2.850	1.0000	3.9744	1.00000
2500	-4.0554	-3.0939	3.9991	1.2934	2.908	1.0000	3.9921	1.00000
2600	-3.9972	-3.0186	4.0179	1.2920	2.964	1.0000	4.0083	1.00001
2700	-3.9409	-2.9459	4.0360	1.2903	3.018	1.0000	4.0237	1.00002
2800	-3.8863	-2.8755	4.0535	1.2883	3.071	1.0000	4.0398	1.00004
2900	-3.8331	-2.8071	4.0704	1.2853	3.122	1.0001	4.0553	1.00009
3000	-3.7811	-2.7403	4.0868	1.2816	3.171	1.0002	4.0708	1.00016
3100	-3.7300	-2.6749	4.1029	1.2765	3.217	1.0003	4.0883	1.00027
3200	-3.6793	-2.6103	4.1186	1.2698	3.260	1.0005	4.1066	1.00047
3300	-3.6286	-2.5461	4.1342	1.2612	3.300	1.0008	4.1278	1.00075
3400	-3.5773	-2.4817	4.1499	1.2509	3.337	1.0012	4.1532	1.00118
3500	-3.5249	-2.4165	4.1655	1.2390	3.371	1.0018	4.1822	1.00178
3600	-3.4709	-2.3498	4.1814	1.2258	3.401	1.0026	4.2181	1.00261
3700	-3.4143	-2.2809	4.1977	1.2119	3.431	1.0037	4.2606	1.00374
3800	-3.3547	-2.2091	4.2146	1.1984	3.460	1.0052	4.3129	1.00521
3900	-3.2918	-2.1341	4.2319	1.1857	3.490	1.0071	4.3740	1.00708
4000	-3.2250	-2.0553	4.2499	1.1739	3.521	1.0094	4.4447	1.00939
4100	-3.1542	-1.9726	4.2685	1.1636	3.553	1.0122	4.5265	1.01219
4200	-3.0795	-1.8860	4.2877	1.1548	3.589	1.0155	4.6183	1.01549
4300	-3.0010	-1.7957	4.3075	1.1476	3.627	1.0193	4.7208	1.01931
4400	-2.9192	-1.7020	4.3275	1.1415	3.667	1.0236	4.8308	1.02361
4500	-2.8343	-1.6053	4.3478	1.1367	3.709	1.0284	4.9498	1.02839
4600	-2.7471	-1.5064	4.3681	1.1330	3.753	1.0336	5.0742	1.03362
4700	-2.6580	-1.4056	4.3884	1.1300	3.799	1.0392	5.2039	1.03924
4800	-2.5676	-1.3035	4.4086	1.1278	3.847	1.0452	5.3379	1.04524
4900	-2.4763	-1.2007	4.4286	1.1262	3.896	1.0516	5.4751	1.05158
5000	-2.3847	-1.0976	4.4482	1.1262	3.947	1.0582	5.6132	1.05820
5100	-2.2943	-0.9956	4.4674	1.1255	3.999	1.0652	5.7522	1.06524

S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-2.2031	-0.8932	4.4862	1.1238	4.048	1.0723	5.8909	1.07232
5300	-2.1125	-0.7914	4.5045	1.1236	4.100	1.0796	6.0291	1.07958
5400	-2.0227	-0.6905	4.5224	1.1236	4.153	1.0870	6.1661	1.08699
5500	-1.9340	-0.5908	4.5398	1.1239	4.206	1.0945	6.3015	1.09453
5600	-1.8466	-0.4925	4.5567	1.1243	4.260	1.1022	6.4350	1.10218
5700	-1.7604	-0.3956	4.5732	1.1248	4.314	1.1099	6.5660	1.10991
5800	-1.6757	-0.3003	4.5892	1.1256	4.368	1.1178	6.6946	1.11772
5900	-1.5925	-0.2067	4.6047	1.1263	4.423	1.1256	6.8205	1.12559
6000	-1.5109	-0.1147	4.6197	1.1272	4.478	1.1335	6.9433	1.13349
6100	-1.4311	-0.0247	4.6343	1.1283	4.532	1.1415	7.0630	1.14140
6200	-1.3529	0.0636	4.6485	1.1292	4.587	1.1494	7.1796	1.14933
6300	-1.2763	0.1501	4.6622	1.1303	4.642	1.1573	7.2930	1.15724
6400	-1.2013	0.2349	4.6756	1.1313	4.697	1.1653	7.4037	1.16516
6500	-1.1280	0.3179	4.6886	1.1324	4.752	1.1732	7.5110	1.17306
6600	-1.0562	0.3993	4.7013	1.1335	4.807	1.1811	7.6157	1.18092
6700	-0.9859	0.4789	4.7135	1.1346	4.861	1.1889	7.7174	1.18875
6800	-0.9173	0.5569	4.7255	1.1357	4.916	1.1968	7.8160	1.19656
6900	-0.8501	0.6332	4.7371	1.1370	4.971	1.2046	7.9120	1.20431
7000	-0.7844	0.7079	4.7485	1.1383	5.026	1.2123	8.0049	1.21202
7100	-0.7203	0.7809	4.7595	1.1397	5.081	1.2200	8.0948	1.21970
7200	-0.6576	0.8524	4.7702	1.1410	5.136	1.2277	8.1821	1.22732
7300	-0.5963	0.9224	4.7807	1.1423	5.190	1.2353	8.2668	1.23489
7400	-0.5365	0.9908	4.7908	1.1437	5.245	1.2429	8.3486	1.24239
7500	-0.4779	1.0578	4.8008	1.1450	5.299	1.2504	8.4279	1.24986
7600	-0.4207	1.1234	4.8105	1.1465	5.354	1.2579	8.5048	1.25725
7700	-0.3647	1.1876	4.8199	1.1477	5.408	1.2653	8.5791	1.26457
7800	-0.3099	1.2505	4.8292	1.1490	5.461	1.2727	8.6512	1.27184
7900	-0.2563	1.3121	4.8382	1.1502	5.515	1.2800	8.7211	1.27903
8000	-0.2038	1.3725	4.8470	1.1514	5.568	1.2873	8.7891	1.28615
8100	-0.1525	1.4317	4.8557	1.1527	5.622	1.2944	8.8548	1.29318
8200	-0.1022	1.4897	4.8641	1.1539	5.675	1.3016	8.9187	1.30015
8300	-0.0529	1.5466	4.8724	1.1551	5.728	1.3086	8.9808	1.30703
8400	-0.0046	1.6024	4.8805	1.1564	5.781	1.3156	9.0412	1.31386
8500	0.0427	1.6571	4.8884	1.1578	5.834	1.3226	9.0997	1.32059
8600	0.0890	1.7108	4.8962	1.1589	5.886	1.3295	9.1566	1.32726
8700	0.1345	1.7635	4.9039	1.1603	5.939	1.3363	9.2118	1.33386
8800	0.1790	1.8152	4.9114	1.1617	5.992	1.3432	9.2656	1.34039
8900	0.2226	1.8659	4.9187	1.1632	6.045	1.3499	9.3176	1.34685
9000	0.2654	1.9157	4.9259	1.1646	6.098	1.3566	9.3682	1.35324
9100	0.3073	1.9645	4.9330	1.1660	6.150	1.3633	9.4172	1.35955
9200	0.3484	2.0125	4.9399	1.1675	6.203	1.3699	9.4649	1.36579
9300	0.3887	2.0596	4.9467	1.1690	6.256	1.3765	9.5113	1.37197
9400	0.4283	2.1058	4.9534	1.1706	6.308	1.3831	9.5561	1.37808
9500	0.4670	2.1512	4.9600	1.1723	6.361	1.3896	9.5997	1.38414
9600	0.5050	2.1958	4.9664	1.1740	6.414	1.3961	9.6419	1.39015
9700	0.5423	2.2396	4.9728	1.1757	6.467	1.4026	9.6831	1.39609
9800	0.5789	2.2827	4.9790	1.1771	6.520	1.4091	9.7231	1.40196
9900	0.6148	2.3250	4.9852	1.1785	6.572	1.4155	9.7618	1.40776
10000	0.6500	2.3665	4.9912	1.1798	6.623	1.4219	9.7994	1.41347
10100	0.6847	2.4074	4.9971	1.1777	6.665	1.4282	9.8357	1.41908
10200	0.7207	2.4497	5.0035	1.1793	6.718	1.4349	9.8822	1.42492
10300	0.7541	2.4893	5.0092	1.1850	6.782	1.4412	9.9166	1.43043
10400	0.7859	2.5281	5.0148	1.1871	6.836	1.4475	9.9498	1.43584
10500	0.8189	2.5662	5.0204	1.1884	6.887	1.4538	9.9819	1.44118
10600	0.8506	2.6038	5.0259	1.1899	6.939	1.4600	10.0132	1.44646

S/R= 38.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	0.8816	2.6408	5.0313	1.1920	6.993	1.4663	10.0437	1.45167
10800	0.9120	2.6771	5.0366	1.1937	7.046	1.4725	10.0726	1.45676
10900	0.9421	2.7130	5.0418	1.1955	7.098	1.4787	10.1016	1.46186
11000	0.9715	2.7482	5.0470	1.1975	7.152	1.4849	10.1296	1.46686
11100	1.0004	2.7829	5.0521	1.1995	7.205	1.4911	10.1564	1.47178
11200	1.0289	2.8171	5.0571	1.2015	7.259	1.4974	10.1832	1.47670
11300	1.0567	2.8505	5.0620	1.2035	7.312	1.5035	10.2079	1.48144
11400	1.0842	2.8835	5.0669	1.2050	7.364	1.5097	10.2328	1.48618
11500	1.1114	2.9164	5.0717	1.2072	7.419	1.5160	10.2572	1.49089
11600	1.1378	2.9483	5.0765	1.2095	7.473	1.5221	10.2804	1.49547
11700	1.1640	2.9800	5.0812	1.2114	7.526	1.5284	10.3031	1.50001
11800	1.1897	3.0112	5.0858	1.2137	7.581	1.5346	10.3253	1.50449
11900	1.2151	3.0421	5.0904	1.2157	7.635	1.5409	10.3475	1.50897
12000	1.2399	3.0722	5.0949	1.2179	7.689	1.5471	10.3680	1.51328
12100	1.2644	3.1021	5.0993	1.2199	7.743	1.5534	10.3885	1.51760
12200	1.2885	3.1315	5.1037	1.2219	7.798	1.5597	10.4084	1.52185
12300	1.3124	3.1607	5.1081	1.2245	7.854	1.5661	10.4284	1.52610
12400	1.3357	3.1893	5.1124	1.2272	7.910	1.5724	10.4469	1.53018
12500	1.3587	3.2176	5.1167	1.2291	7.964	1.5788	10.4657	1.53428
12600	1.3814	3.2455	5.1209	1.2322	8.023	1.5853	10.4837	1.53830
12700	1.4036	3.2729	5.1251	1.2342	8.077	1.5917	10.5015	1.54228
12800	1.4255	3.2999	5.1292	1.2355	8.129	1.5981	10.5182	1.54615
12900	1.4473	3.3268	5.1332	1.2384	8.187	1.6046	10.5352	1.55004
13000	1.4686	3.3533	5.1373	1.2410	8.245	1.6111	10.5520	1.55389
13100	1.4897	3.3794	5.1413	1.2433	8.301	1.6177	10.5680	1.55764
13200	1.5104	3.4052	5.1452	1.2464	8.359	1.6243	10.5835	1.56133
13300	1.5307	3.4305	5.1491	1.2486	8.415	1.6309	10.5989	1.56499
13400	1.5509	3.4558	5.1530	1.2514	8.474	1.6376	10.6145	1.56863
13500	1.5706	3.4805	5.1568	1.2540	8.532	1.6442	10.6288	1.57216
13600	1.5902	3.5051	5.1606	1.2558	8.587	1.6510	10.6436	1.57568
13700	1.6095	3.5293	5.1644	1.2584	8.645	1.6578	10.6581	1.57918
13800	1.6285	3.5533	5.1681	1.2598	8.699	1.6646	10.6721	1.58261
13900	1.6475	3.5772	5.1718	1.2623	8.757	1.6715	10.6864	1.58605
14000	1.6659	3.6005	5.1755	1.2656	8.818	1.6783	10.6998	1.58937
14100	1.6843	3.6237	5.1792	1.2678	8.876	1.6853	10.7136	1.59275
14200	1.7024	3.6467	5.1828	1.2696	8.932	1.6923	10.7274	1.59606
14300	1.7203	3.6695	5.1864	1.2722	8.991	1.6993	10.7406	1.59931
14400	1.7379	3.6919	5.1899	1.2750	9.051	1.7064	10.7538	1.60253
14500	1.7553	3.7141	5.1935	1.2770	9.109	1.7134	10.7669	1.60571
14600	1.7725	3.7361	5.1970	1.2790	9.166	1.7205	10.7797	1.60884
14700	1.7896	3.7580	5.2005	1.2809	9.224	1.7278	10.7933	1.61204
14800	1.8064	3.7795	5.2039	1.2826	9.280	1.7349	10.8057	1.61510
14900	1.8231	3.8010	5.2074	1.2838	9.335	1.7422	10.8189	1.61825
15000	1.8397	3.8223	5.2108	1.2843	9.388	1.7494	10.8320	1.62134

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.7938	-6.7530	3.0211	1.3986	1.047	1.0000	3.4990	1.00000
400	-6.4804	-6.3147	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-6.2347	-5.9721	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.0299	-5.6881	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.8519	-5.4432	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.6931	-5.2264	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-5.5489	-5.0310	3.5098	1.3508	1.783	1.0000	3.5938	1.00000

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-5.4163	-4.8525	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.2940	-4.6888	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.1801	-4.5371	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.0734	-4.3957	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-4.9733	-4.2634	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.8788	-4.1389	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.7895	-4.0216	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.7048	-3.9106	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.6243	-3.8052	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.5476	-3.7051	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.4687	-3.6041	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.3980	-3.5122	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.3303	-3.4242	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-4.2652	-3.3399	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.2026	-3.2598	3.9795	1.2945	2.850	1.0000	3.9744	1.00000
2500	-4.1422	-3.1807	3.9991	1.2933	2.908	1.0000	3.9921	1.00001
2600	-4.0841	-3.1055	4.0179	1.2919	2.964	1.0000	4.0083	1.00001
2700	-4.0277	-3.0328	4.0360	1.2901	3.018	1.0000	4.0238	1.00003
2800	-3.9731	-2.9623	4.0535	1.2880	3.071	1.0000	4.0401	1.00005
2900	-3.9198	-2.8938	4.0705	1.2848	3.122	1.0001	4.0556	1.00010
3000	-3.8677	-2.8269	4.0869	1.2807	3.170	1.0002	4.0715	1.00018
3100	-3.8164	-2.7613	4.1030	1.2753	3.216	1.0003	4.0894	1.00030
3200	-3.7653	-2.6964	4.1188	1.2680	3.258	1.0005	4.1084	1.00052
3300	-3.7142	-2.6317	4.1345	1.2589	3.297	1.0008	4.1306	1.00083
3400	-3.6623	-2.5667	4.1503	1.2479	3.333	1.0013	4.1573	1.00130
3500	-3.6091	-2.5006	4.1661	1.2354	3.366	1.0020	4.1882	1.00196
3600	-3.5539	-2.4328	4.1823	1.2216	3.396	1.0029	4.2266	1.00287
3700	-3.4960	-2.3624	4.1988	1.2072	3.425	1.0041	4.2722	1.00411
3800	-3.4347	-2.2889	4.2161	1.1935	3.454	1.0057	4.3283	1.00571
3900	-3.3697	-2.2117	4.2339	1.1809	3.484	1.0077	4.3938	1.00774
4000	-3.3007	-2.1306	4.2523	1.1693	3.515	1.0102	4.4696	1.01025
4100	-3.2274	-2.0453	4.2715	1.1593	3.549	1.0133	4.5569	1.01326
4200	-3.1501	-1.9560	4.2911	1.1509	3.585	1.0168	4.6544	1.01679
4300	-3.0688	-1.8628	4.3114	1.1440	3.624	1.0209	4.7630	1.02086
4400	-2.9843	-1.7663	4.3318	1.1383	3.665	1.0254	4.8790	1.02542
4500	-2.8967	-1.6668	4.3525	1.1339	3.708	1.0305	5.0040	1.03048
4600	-2.8069	-1.5652	4.3732	1.1305	3.753	1.0360	5.1341	1.03597
4700	-2.7153	-1.4618	4.3939	1.1278	3.800	1.0419	5.2693	1.04186
4800	-2.6225	-1.3573	4.4143	1.1258	3.848	1.0481	5.4084	1.04812
4900	-2.5290	-1.2521	4.4345	1.1244	3.898	1.0547	5.5504	1.05472
5000	-2.4354	-1.1469	4.4543	1.1245	3.951	1.0616	5.6929	1.06159
5100	-2.3430	-1.0429	4.4737	1.1239	4.003	1.0689	5.8360	1.06887
5200	-2.2501	-0.9386	4.4926	1.1225	4.053	1.0762	5.9784	1.07619
5300	-2.1579	-0.8351	4.5110	1.1224	4.106	1.0837	6.1200	1.08366
5400	-2.0667	-0.7327	4.5290	1.1225	4.159	1.0913	6.2602	1.09129
5500	-1.9766	-0.6316	4.5464	1.1228	4.213	1.0991	6.3984	1.09903
5600	-1.8879	-0.5320	4.5634	1.1233	4.267	1.1069	6.5344	1.10688
5700	-1.8007	-0.4340	4.5799	1.1239	4.322	1.1148	6.6679	1.11481
5800	-1.7149	-0.3376	4.5958	1.1248	4.377	1.1228	6.7985	1.12280
5900	-1.6308	-0.2429	4.6114	1.1256	4.432	1.1309	6.9263	1.13084
6000	-1.5483	-0.1500	4.6264	1.1265	4.487	1.1390	7.0510	1.13892
6100	-1.4676	-0.0591	4.6410	1.1276	4.542	1.1470	7.1722	1.14700
6200	-1.3897	0.0300	4.6551	1.1286	4.598	1.1552	7.2904	1.15508
6300	-1.3114	0.1172	4.6689	1.1297	4.653	1.1632	7.4051	1.16316
6400	-1.2358	0.2027	4.6822	1.1308	4.708	1.1713	7.5170	1.17123

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-1.1618	0.2863	4.6952	1.1319	4.763	1.1794	7.6255	1.17927
6600	-1.0895	0.3682	4.7078	1.1330	4.819	1.1874	7.7311	1.18727
6700	-1.0187	0.4485	4.7200	1.1341	4.874	1.1954	7.8338	1.19524
6800	-0.9496	0.5269	4.7320	1.1353	4.929	1.2034	7.9332	1.20318
6900	-0.8820	0.6037	4.7436	1.1366	4.984	1.2113	8.0298	1.21106
7000	-0.8160	0.6788	4.7548	1.1379	5.039	1.2192	8.1235	1.21890
7100	-0.7515	0.7522	4.7658	1.1393	5.094	1.2270	8.2141	1.22670
7200	-0.6884	0.8241	4.7765	1.1406	5.150	1.2348	8.3019	1.23444
7300	-0.6268	0.8944	4.7869	1.1420	5.205	1.2425	8.3870	1.24213
7400	-0.5666	0.9632	4.7971	1.1433	5.259	1.2502	8.4694	1.24975
7500	-0.5078	1.0305	4.8070	1.1447	5.314	1.2579	8.5491	1.25732
7600	-0.4503	1.0964	4.8166	1.1461	5.369	1.2654	8.6263	1.26482
7700	-0.3940	1.1609	4.8261	1.1474	5.423	1.2730	8.7011	1.27225
7800	-0.3390	1.2240	4.8353	1.1487	5.477	1.2804	8.7733	1.27962
7900	-0.2852	1.2858	4.8442	1.1499	5.531	1.2878	8.8434	1.28691
8000	-0.2326	1.3464	4.8530	1.1511	5.585	1.2952	8.9116	1.29412
8100	-0.1810	1.4058	4.8616	1.1524	5.638	1.3024	8.9776	1.30126
8200	-0.1305	1.4640	4.8701	1.1537	5.692	1.3097	9.0416	1.30832
8300	-0.0811	1.5211	4.8783	1.1549	5.745	1.3168	9.1037	1.31530
8400	-0.0326	1.5771	4.8864	1.1562	5.799	1.3239	9.1642	1.32221
8500	0.0148	1.6320	4.8943	1.1575	5.852	1.3309	9.2229	1.32904
8600	0.0613	1.6858	4.9020	1.1587	5.904	1.3379	9.2797	1.33579
8700	0.1068	1.7386	4.9096	1.1601	5.958	1.3448	9.3349	1.34247
8800	0.1515	1.7904	4.9171	1.1615	6.011	1.3517	9.3887	1.34908
8900	0.1952	1.8413	4.9244	1.1629	6.064	1.3585	9.4408	1.35563
9000	0.2381	1.8911	4.9316	1.1643	6.117	1.3653	9.4913	1.36209
9100	0.2801	1.9401	4.9386	1.1657	6.169	1.3720	9.5402	1.36848
9200	0.3213	1.9881	4.9455	1.1672	6.222	1.3787	9.5878	1.37480
9300	0.3617	2.0353	4.9523	1.1687	6.275	1.3854	9.6340	1.38106
9400	0.4013	2.0816	4.9589	1.1703	6.328	1.3920	9.6788	1.38724
9500	0.4401	2.1271	4.9655	1.1719	6.381	1.3985	9.7221	1.39337
9600	0.4782	2.1717	4.9719	1.1737	6.434	1.4051	9.7643	1.39944
9700	0.5155	2.2156	4.9782	1.1754	6.487	1.4116	9.8053	1.40546
9800	0.5521	2.2587	4.9844	1.1769	6.540	1.4182	9.8450	1.41139
9900	0.5881	2.3011	4.9906	1.1782	6.592	1.4246	9.8837	1.41726
10000	0.6234	2.3426	4.9966	1.1794	6.644	1.4310	9.9210	1.42304
10100	0.6581	2.3835	5.0025	1.1773	6.685	1.4374	9.9570	1.42871
10200	0.6941	2.4259	5.0087	1.1789	6.739	1.4441	10.0032	1.43462
10300	0.7276	2.4655	5.0145	1.1846	6.803	1.4504	10.0374	1.44019
10400	0.7604	2.5044	5.0201	1.1867	6.857	1.4567	10.0703	1.44566
10500	0.7924	2.5424	5.0256	1.1880	6.908	1.4630	10.1022	1.45106
10600	0.8241	2.5801	5.0311	1.1894	6.960	1.4693	10.1333	1.45640
10700	0.8551	2.6171	5.0364	1.1914	7.013	1.4755	10.1634	1.46157
10800	0.8856	2.6534	5.0417	1.1931	7.066	1.4817	10.1920	1.46681
10900	0.9157	2.6893	5.0469	1.1949	7.119	1.4879	10.2207	1.47197
11000	0.9451	2.7245	5.0520	1.1969	7.172	1.4941	10.2482	1.47702
11100	0.9741	2.7592	5.0571	1.1990	7.226	1.5003	10.2748	1.48200
11200	1.0026	2.7934	5.0621	1.2009	7.279	1.5066	10.3013	1.48697
11300	1.0304	2.8268	5.0670	1.2028	7.332	1.5127	10.3257	1.49176
11400	1.0578	2.8598	5.0718	1.2041	7.384	1.5188	10.3501	1.49655
11500	1.0851	2.8926	5.0767	1.2064	7.438	1.5251	10.3741	1.50132
11600	1.1115	2.9246	5.0814	1.2086	7.492	1.5312	10.3968	1.50594
11700	1.1377	2.9563	5.0860	1.2105	7.546	1.5374	10.4192	1.51053
11800	1.1634	2.9874	5.0906	1.2128	7.601	1.5436	10.4410	1.51507
11900	1.1888	3.0183	5.0952	1.2149	7.655	1.5499	10.4629	1.51959

S/R= 38.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12000	1.2136	3.0484	5.0997	1.2168	7.708	1.5560	10.4829	1.52395
12100	1.2381	3.0783	5.1041	1.2187	7.762	1.5623	10.5031	1.52832
12200	1.2622	3.1077	5.1085	1.2206	7.815	1.5685	10.5225	1.53261
12300	1.2861	3.1368	5.1128	1.2232	7.871	1.5748	10.5420	1.53690
12400	1.3094	3.1653	5.1171	1.2257	7.927	1.5810	10.5600	1.54104
12500	1.3324	3.1936	5.1213	1.2276	7.981	1.5874	10.5783	1.54517
12600	1.3551	3.2215	5.1255	1.2308	8.039	1.5937	10.5959	1.54924
12700	1.3773	3.2489	5.1296	1.2332	8.095	1.6000	10.6131	1.55326
12800	1.3992	3.2759	5.1337	1.2343	8.147	1.6064	10.6295	1.55718
12900	1.4210	3.3028	5.1378	1.2365	8.202	1.6128	10.6460	1.56111
13000	1.4423	3.3292	5.1418	1.2390	8.259	1.6192	10.6623	1.56500
13100	1.4634	3.3552	5.1458	1.2414	8.315	1.6257	10.6778	1.56880
13200	1.4841	3.3810	5.1497	1.2443	8.373	1.6321	10.6928	1.57253
13300	1.5044	3.4063	5.1535	1.2464	8.428	1.6386	10.7075	1.57623
13400	1.5246	3.4315	5.1574	1.2492	8.486	1.6452	10.7225	1.57991
13500	1.5443	3.4561	5.1612	1.2517	8.543	1.6517	10.7364	1.58349
13600	1.5639	3.4807	5.1650	1.2537	8.599	1.6583	10.7506	1.58705
13700	1.5832	3.5049	5.1687	1.2567	8.658	1.6650	10.7646	1.59059
13800	1.6022	3.5288	5.1724	1.2578	8.711	1.6717	10.7782	1.59406
13900	1.6211	3.5526	5.1761	1.2596	8.766	1.6784	10.7919	1.59754
14000	1.6396	3.5759	5.1797	1.2629	8.826	1.6851	10.8047	1.60090
14100	1.6579	3.5991	5.1834	1.2650	8.883	1.6919	10.8180	1.60432
14200	1.6760	3.6220	5.1870	1.2666	8.938	1.6987	10.8310	1.60767
14300	1.6939	3.6447	5.1905	1.2693	8.997	1.7056	10.8436	1.61095
14400	1.7116	3.6671	5.1940	1.2720	9.057	1.7124	10.8561	1.61421
14500	1.7290	3.6893	5.1975	1.2740	9.113	1.7193	10.8686	1.61743
14600	1.7461	3.7112	5.2010	1.2760	9.170	1.7262	10.8807	1.62060
14700	1.7633	3.7331	5.2045	1.2779	9.228	1.7333	10.8936	1.62383
14800	1.7800	3.7545	5.2079	1.2800	9.285	1.7402	10.9055	1.62693
14900	1.7967	3.7759	5.2113	1.2811	9.339	1.7473	10.9184	1.63012
15000	1.8133	3.7971	5.2147	1.2812	9.390	1.7544	10.9306	1.63325

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.9806	-6.8399	3.0211	1.3986	1.047	1.0000	3.4990	1.00000
400	-6.5672	-6.4016	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-6.3216	-6.0590	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.1168	-5.7750	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-5.9388	-5.5301	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.7799	-5.3132	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-5.6357	-5.1179	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.5031	-4.9394	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.3808	-4.7757	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.2669	-4.6240	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.1603	-4.4826	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-5.0601	-4.3502	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-4.9657	-4.2258	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.8763	-4.1084	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.7916	-3.9974	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.7111	-3.8921	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.6345	-3.7919	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-4.5556	-3.6909	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-4.4848	-3.5990	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.4171	-3.5111	3.9377	1.2975	2.732	1.0000	3.9384	1.00000

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-4.3520	-3.4267	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.2894	-3.3456	3.9795	1.2945	2.850	1.0000	3.9744	1.00000
2500	-4.2291	-3.2675	3.9992	1.2933	2.908	1.0000	3.9922	1.00001
2600	-4.1709	-3.1923	4.0179	1.2919	2.964	1.0000	4.0084	1.00001
2700	-4.1145	-3.1196	4.0360	1.2898	3.018	1.0000	4.0239	1.00003
2800	-4.0598	-3.0490	4.0536	1.2876	3.071	1.0001	4.0403	1.00005
2900	-4.0065	-2.9804	4.0705	1.2844	3.121	1.0001	4.0561	1.00011
3000	-3.9542	-2.9134	4.0870	1.2798	3.169	1.0002	4.0722	1.00020
3100	-3.9027	-2.8475	4.1032	1.2739	3.214	1.0003	4.0906	1.00034
3200	-3.8513	-2.7823	4.1190	1.2661	3.256	1.0006	4.1103	1.00057
3300	-3.7997	-2.7172	4.1348	1.2564	3.294	1.0009	4.1336	1.00092
3400	-3.7472	-2.6515	4.1508	1.2446	3.329	1.0014	4.1619	1.00143
3500	-3.6930	-2.5844	4.1668	1.2314	3.361	1.0022	4.1948	1.00216
3600	-3.6366	-2.5153	4.1832	1.2171	3.390	1.0032	4.2359	1.00316
3700	-3.5772	-2.4434	4.2001	1.2025	3.419	1.0045	4.2848	1.00451
3800	-3.5141	-2.3680	4.2178	1.1887	3.448	1.0063	4.3450	1.00625
3900	-3.4470	-2.2887	4.2360	1.1761	3.478	1.0085	4.4152	1.00846
4000	-3.3756	-2.2051	4.2549	1.1648	3.510	1.0112	4.4963	1.01116
4100	-3.2997	-2.1171	4.2745	1.1551	3.544	1.0144	4.5894	1.01440
4200	-3.2196	-2.0249	4.2947	1.1470	3.581	1.0182	4.6930	1.01818
4300	-3.1355	-1.9288	4.3154	1.1406	3.621	1.0225	4.8078	1.02251
4400	-3.0482	-1.8294	4.3363	1.1353	3.663	1.0273	4.9299	1.02734
4500	-2.9578	-1.7271	4.3574	1.1312	3.708	1.0327	5.0609	1.03266
4600	-2.8654	-1.6227	4.3785	1.1280	3.754	1.0384	5.1968	1.03843
4700	-2.7714	-1.5167	4.3994	1.1256	3.801	1.0446	5.3374	1.04459
4800	-2.6762	-1.4098	4.4201	1.1238	3.851	1.0511	5.4816	1.05112
4900	-2.5806	-1.3023	4.4406	1.1226	3.901	1.0580	5.6282	1.05796
5000	-2.4850	-1.1950	4.4605	1.1229	3.954	1.0651	5.7751	1.06508
5100	-2.3907	-1.0890	4.4801	1.1225	4.007	1.0726	5.9223	1.07260
5200	-2.2960	-0.9830	4.4991	1.1212	4.058	1.0802	6.0683	1.08016
5300	-2.2023	-0.8779	4.5176	1.1212	4.112	1.0879	6.2132	1.08785
5400	-2.1096	-0.7740	4.5356	1.1215	4.166	1.0957	6.3564	1.09569
5500	-2.0183	-0.6715	4.5531	1.1219	4.220	1.1037	6.4974	1.10363
5600	-1.9284	-0.5706	4.5701	1.1224	4.275	1.1117	6.6358	1.11166
5700	-1.8400	-0.4714	4.5866	1.1231	4.330	1.1198	6.7715	1.11979
5800	-1.7533	-0.3740	4.6025	1.1240	4.385	1.1280	6.9043	1.12797
5900	-1.6682	-0.2783	4.6180	1.1249	4.441	1.1362	7.0339	1.13619
6000	-1.5849	-0.1845	4.6331	1.1259	4.496	1.1445	7.1604	1.14444
6100	-1.5034	-0.0928	4.6476	1.1270	4.552	1.1527	7.2830	1.15267
6200	-1.4237	-0.0029	4.6618	1.1280	4.608	1.1610	7.4026	1.16092
6300	-1.3458	0.0850	4.6755	1.1291	4.664	1.1692	7.5187	1.16915
6400	-1.2696	0.1711	4.6888	1.1303	4.719	1.1774	7.6316	1.17736
6500	-1.1951	0.2554	4.7017	1.1314	4.775	1.1857	7.7414	1.18555
6600	-1.1222	0.3379	4.7143	1.1325	4.831	1.1938	7.8478	1.19369
6700	-1.0510	0.4186	4.7265	1.1336	4.886	1.2020	7.9513	1.20180
6800	-0.9814	0.4975	4.7384	1.1349	4.942	1.2100	8.0517	1.20987
6900	-0.9134	0.5747	4.7500	1.1362	4.997	1.2181	8.1490	1.21788
7000	-0.8469	0.6503	4.7612	1.1375	5.053	1.2261	8.2432	1.22585
7100	-0.7820	0.7241	4.7721	1.1389	5.108	1.2340	8.3345	1.23377
7200	-0.7187	0.7963	4.7828	1.1403	5.164	1.2420	8.4228	1.24162
7300	-0.6568	0.8670	4.7932	1.1417	5.219	1.2498	8.5083	1.24942
7400	-0.5963	0.9361	4.8033	1.1430	5.274	1.2576	8.5913	1.25716
7500	-0.5372	1.0037	4.8131	1.1444	5.329	1.2653	8.6712	1.26484
7600	-0.4794	1.0698	4.8228	1.1458	5.384	1.2730	8.7486	1.27245
7700	-0.4229	1.1346	4.8321	1.1471	5.439	1.2807	8.8237	1.27998

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-0.3677	1.1980	4.8413	1.1484	5.493	1.2882	8.8963	1.28746
7900	-0.3137	1.2600	4.8503	1.1497	5.547	1.2957	8.9666	1.29484
8000	-0.2609	1.3208	4.8590	1.1509	5.601	1.3031	9.0349	1.30215
8100	-0.2091	1.3804	4.8676	1.1522	5.655	1.3105	9.1012	1.30939
8200	-0.1585	1.4388	4.8760	1.1534	5.709	1.3178	9.1653	1.31654
8300	-0.1089	1.4960	4.8842	1.1547	5.763	1.3250	9.2275	1.32360
8400	-0.0603	1.5521	4.8922	1.1560	5.816	1.3322	9.2879	1.33060
8500	-0.0127	1.6072	4.9001	1.1573	5.870	1.3393	9.3467	1.33752
8600	0.0339	1.6611	4.9078	1.1585	5.923	1.3464	9.4035	1.34436
8700	0.0795	1.7140	4.9154	1.1598	5.976	1.3533	9.4587	1.35113
8800	0.1243	1.7660	4.9228	1.1613	6.029	1.3603	9.5123	1.35782
8900	0.1681	1.8169	4.9300	1.1627	6.083	1.3672	9.5644	1.36444
9000	0.2111	1.8669	4.9372	1.1641	6.136	1.3740	9.6149	1.37099
9100	0.2532	1.9159	4.9442	1.1655	6.188	1.3808	9.6637	1.37745
9200	0.2944	1.9641	4.9511	1.1670	6.241	1.3875	9.7111	1.38384
9300	0.3349	2.0113	4.9578	1.1685	6.295	1.3942	9.7571	1.39017
9400	0.3746	2.0577	4.9644	1.1701	6.348	1.4009	9.8018	1.39643
9500	0.4135	2.1032	4.9710	1.1717	6.401	1.4075	9.8452	1.40263
9600	0.4516	2.1479	4.9773	1.1734	6.454	1.4141	9.8871	1.40877
9700	0.4890	2.1918	4.9836	1.1751	6.507	1.4207	9.9278	1.41486
9800	0.5257	2.2350	4.9898	1.1766	6.560	1.4273	9.9674	1.42085
9900	0.5617	2.2774	4.9959	1.1779	6.612	1.4338	10.0058	1.42679
10000	0.5970	2.3190	5.0019	1.1792	6.664	1.4402	10.0430	1.43263
10100	0.6317	2.3600	5.0077	1.1770	6.706	1.4466	10.0788	1.43836
10200	0.6678	2.4023	5.0140	1.1786	6.759	1.4533	10.1246	1.44434
10300	0.7013	2.4420	5.0197	1.1842	6.823	1.4597	10.1585	1.44997
10400	0.7341	2.4808	5.0253	1.1863	6.877	1.4660	10.1912	1.45550
10500	0.7662	2.5189	5.0308	1.1877	6.929	1.4723	10.2227	1.46095
10600	0.7979	2.5566	5.0362	1.1891	6.981	1.4786	10.2536	1.46635
10700	0.8289	2.5936	5.0415	1.1909	7.034	1.4848	10.2834	1.47168
10800	0.8594	2.6299	5.0468	1.1926	7.086	1.4910	10.3116	1.47688
10900	0.8895	2.6658	5.0519	1.1944	7.139	1.4972	10.3399	1.48208
11000	0.9190	2.7010	5.0571	1.1963	7.193	1.5034	10.3671	1.48719
11100	0.9479	2.7357	5.0621	1.1984	7.246	1.5096	10.3932	1.49222
11200	0.9764	2.7699	5.0671	1.2005	7.301	1.5158	10.4195	1.49724
11300	1.0042	2.8033	5.0719	1.2022	7.353	1.5219	10.4436	1.50208
11400	1.0317	2.8363	5.0768	1.2034	7.404	1.5281	10.4676	1.50693
11500	1.0589	2.8691	5.0815	1.2056	7.458	1.5342	10.4913	1.51174
11600	1.0853	2.9010	5.0862	1.2077	7.512	1.5403	10.5135	1.51641
11700	1.1116	2.9327	5.0908	1.2096	7.565	1.5465	10.5354	1.52105
11800	1.1372	2.9638	5.0954	1.2118	7.620	1.5526	10.5568	1.52563
11900	1.1627	2.9946	5.1000	1.2142	7.675	1.5589	10.5783	1.53020
12000	1.1874	3.0247	5.1044	1.2162	7.728	1.5650	10.5980	1.53461
12100	1.2120	3.0546	5.1088	1.2177	7.781	1.5712	10.6177	1.53902
12200	1.2361	3.0839	5.1132	1.2194	7.834	1.5774	10.6366	1.54336
12300	1.2600	3.1131	5.1175	1.2219	7.889	1.5836	10.6556	1.54770
12400	1.2832	3.1415	5.1217	1.2244	7.945	1.5897	10.6732	1.55187
12500	1.3063	3.1698	5.1259	1.2262	7.998	1.5960	10.6909	1.55606
12600	1.3289	3.1976	5.1301	1.2293	8.056	1.6022	10.7080	1.56017
12700	1.3511	3.2250	5.1342	1.2317	8.112	1.6085	10.7248	1.56423
12800	1.3730	3.2520	5.1382	1.2333	8.164	1.6148	10.7406	1.56819
12900	1.3948	3.2788	5.1423	1.2355	8.220	1.6211	10.7568	1.57216
13000	1.4161	3.3052	5.1463	1.2374	8.274	1.6275	10.7727	1.57610
13100	1.4371	3.3312	5.1502	1.2395	8.329	1.6338	10.7875	1.57994
13200	1.4578	3.3569	5.1541	1.2424	8.387	1.6401	10.8020	1.58370

S/R= 38.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.4781	3.3821	5.1579	1.2445	8.442	1.6465	10.8163	1.58745
13400	1.4984	3.4073	5.1618	1.2471	8.499	1.6529	10.8306	1.59117
13500	1.5180	3.4319	5.1655	1.2496	8.555	1.6593	10.8439	1.59478
13600	1.5377	3.4564	5.1693	1.2515	8.611	1.6658	10.8576	1.59839
13700	1.5569	3.4806	5.1730	1.2546	8.670	1.6723	10.8709	1.60196
13800	1.5759	3.5044	5.1767	1.2561	8.724	1.6789	10.8840	1.60547
13900	1.5948	3.5282	5.1803	1.2579	8.779	1.6855	10.8973	1.60899
14000	1.6133	3.5514	5.1839	1.2605	8.836	1.6920	10.9096	1.61239
14100	1.6316	3.5746	5.1875	1.2624	8.892	1.6987	10.9222	1.61584
14200	1.6497	3.5974	5.1911	1.2640	8.947	1.7053	10.9347	1.61923
14300	1.6676	3.6201	5.1946	1.2665	9.004	1.7120	10.9466	1.62256
14400	1.6853	3.6424	5.1981	1.2692	9.063	1.7187	10.9586	1.62585
14500	1.7027	3.6645	5.2016	1.2712	9.119	1.7254	10.9702	1.62910
14600	1.7198	3.6863	5.2050	1.2731	9.176	1.7322	10.9817	1.63231
14700	1.7369	3.7082	5.2085	1.2750	9.232	1.7390	10.9940	1.63558
14800	1.7537	3.7295	5.2119	1.2771	9.289	1.7458	11.0053	1.63871
14900	1.7704	3.7509	5.2153	1.2785	9.344	1.7527	11.0174	1.64193
15000	1.7869	3.7721	5.2186	1.2788	9.395	1.7596	11.0292	1.64509

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
300	-6.9675	-6.9268	3.0211	1.3987	1.047	1.0000	3.4990	1.00000
400	-6.6541	-6.4884	3.1470	1.3968	1.209	1.0000	3.5072	1.00000
500	-6.4084	-6.1459	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.2036	-5.8619	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.0256	-5.6169	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.8668	-5.4001	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-5.7226	-5.2047	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.5900	-5.0262	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.4677	-4.8625	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.3538	-4.7108	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.2472	-4.5694	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-5.1470	-4.4371	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.0525	-4.3127	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-4.9632	-4.1953	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.8785	-4.0843	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.7980	-3.9790	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-4.7213	-3.8788	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-4.6424	-3.7778	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.5717	-3.6859	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.5040	-3.5979	3.9377	1.2975	2.732	1.0000	3.9384	1.00000
2300	-4.4389	-3.5136	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.3763	-3.4325	3.9795	1.2945	2.850	1.0000	3.9744	1.00000
2500	-4.3159	-3.3544	3.9992	1.2933	2.908	1.0000	3.9922	1.00001
2600	-4.2577	-3.2792	4.0180	1.2918	2.964	1.0000	4.0085	1.00001
2700	-4.2013	-3.2064	4.0360	1.2896	3.018	1.0000	4.0241	1.00003
2800	-4.1465	-3.1357	4.0536	1.2872	3.070	1.0001	4.0405	1.00006
2900	-4.0931	-3.0671	4.0706	1.2838	3.120	1.0001	4.0565	1.00012
3000	-4.0407	-2.9999	4.0870	1.2789	3.168	1.0002	4.0730	1.00022
3100	-3.9889	-2.9338	4.1033	1.2725	3.212	1.0004	4.0920	1.00037
3200	-3.9372	-2.8682	4.1192	1.2641	3.253	1.0006	4.1124	1.00063
3300	-3.8851	-2.8025	4.1352	1.2537	3.291	1.0010	4.1369	1.00101
3400	-3.8318	-2.7360	4.1513	1.2411	3.324	1.0016	4.1669	1.00157
3500	-3.7766	-2.6679	4.1675	1.2273	3.355	1.0024	4.2021	1.00237

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-3.7189	-2.5975	4.1843	1.2125	3.384	1.0035	4.2461	1.00348
3700	-3.6579	-2.5239	4.2015	1.1977	3.413	1.0049	4.2986	1.00494
3800	-3.5928	-2.4465	4.2196	1.1838	3.442	1.0068	4.3631	1.00684
3900	-3.5234	-2.3648	4.2383	1.1713	3.472	1.0092	4.4384	1.00923
4000	-3.4495	-2.2786	4.2577	1.1603	3.505	1.0121	4.5250	1.01215
4100	-3.3709	-2.1878	4.2778	1.1511	3.540	1.0156	4.6242	1.01562
4200	-3.2880	-2.0927	4.2985	1.1434	3.578	1.0197	4.7341	1.01966
4300	-3.2010	-1.9936	4.3197	1.1373	3.619	1.0242	4.8551	1.02425
4400	-3.1109	-1.8912	4.3410	1.1324	3.662	1.0294	4.9835	1.02935
4500	-3.0178	-1.7860	4.3625	1.1286	3.707	1.0350	5.1205	1.03495
4600	-2.9227	-1.6789	4.3839	1.1258	3.755	1.0410	5.2622	1.04099
4700	-2.8262	-1.5704	4.4051	1.1235	3.803	1.0474	5.4081	1.04743
4800	-2.7288	-1.4610	4.4261	1.1220	3.853	1.0542	5.5574	1.05422
4900	-2.6310	-1.3513	4.4467	1.1210	3.904	1.0613	5.7086	1.06131
5000	-2.5334	-1.2420	4.4668	1.1214	3.958	1.0687	5.8597	1.06868
5100	-2.4372	-1.1341	4.4865	1.1211	4.012	1.0765	6.0109	1.07644
5200	-2.3410	-1.0262	4.5056	1.1200	4.064	1.0842	6.1605	1.08422
5300	-2.2457	-0.9195	4.5242	1.1201	4.118	1.0921	6.3086	1.09214
5400	-2.1517	-0.8142	4.5423	1.1205	4.172	1.1002	6.4546	1.10018
5500	-2.0591	-0.7104	4.5598	1.1210	4.227	1.1083	6.5982	1.10833
5600	-1.9680	-0.6083	4.5768	1.1216	4.282	1.1166	6.7391	1.11656
5700	-1.8786	-0.5080	4.5933	1.1223	4.338	1.1249	6.8770	1.12487
5800	-1.7908	-0.4095	4.6093	1.1232	4.394	1.1332	7.0118	1.13322
5900	-1.7049	-0.3129	4.6247	1.1242	4.450	1.1416	7.1432	1.14161
6000	-1.6207	-0.2182	4.6398	1.1252	4.506	1.1501	7.2713	1.15003
6100	-1.5385	-0.1257	4.6543	1.1264	4.562	1.1585	7.3955	1.15843
6200	-1.4581	-0.0351	4.6684	1.1274	4.618	1.1669	7.5163	1.16683
6300	-1.3795	0.0535	4.6821	1.1286	4.675	1.1753	7.6337	1.17521
6400	-1.3028	0.1402	4.6953	1.1298	4.731	1.1837	7.7476	1.18357
6500	-1.2277	0.2251	4.7083	1.1309	4.787	1.1920	7.8584	1.19190
6600	-1.1543	0.3081	4.7208	1.1321	4.843	1.2003	7.9659	1.20018
6700	-1.0826	0.3893	4.7330	1.1332	4.899	1.2086	8.0701	1.20842
6800	-1.0126	0.4687	4.7448	1.1345	4.955	1.2168	8.1713	1.21662
6900	-0.9442	0.5464	4.7563	1.1359	5.011	1.2250	8.2692	1.22476
7000	-0.8774	0.6223	4.7675	1.1372	5.066	1.2331	8.3640	1.23285
7100	-0.8121	0.6965	4.7784	1.1386	5.122	1.2412	8.4559	1.24089
7200	-0.7485	0.7691	4.7890	1.1400	5.178	1.2492	8.5446	1.24887
7300	-0.6863	0.8400	4.7994	1.1414	5.234	1.2571	8.6305	1.25678
7400	-0.6255	0.9095	4.8094	1.1427	5.289	1.2650	8.7138	1.26463
7500	-0.5661	0.9773	4.8193	1.1441	5.344	1.2729	8.7942	1.27242
7600	-0.5081	1.0437	4.8288	1.1456	5.400	1.2807	8.8719	1.28013
7700	-0.4514	1.1087	4.8382	1.1469	5.455	1.2884	8.9472	1.28777
7800	-0.3960	1.1723	4.8473	1.1482	5.509	1.2961	9.0202	1.29534
7900	-0.3418	1.2346	4.8562	1.1494	5.564	1.3036	9.0906	1.30282
8000	-0.2888	1.2956	4.8649	1.1506	5.618	1.3112	9.1589	1.31023
8100	-0.2368	1.3553	4.8735	1.1519	5.672	1.3186	9.2253	1.31756
8200	-0.1860	1.4139	4.8818	1.1532	5.726	1.3260	9.2896	1.32480
8300	-0.1363	1.4713	4.8900	1.1545	5.780	1.3333	9.3518	1.33196
8400	-0.0876	1.5275	4.8980	1.1558	5.834	1.3405	9.4123	1.33904
8500	-0.0399	1.5827	4.9058	1.1571	5.888	1.3477	9.4710	1.34605
8600	0.0068	1.6368	4.9135	1.1583	5.941	1.3549	9.5280	1.35297
8700	0.0526	1.6898	4.9210	1.1597	5.994	1.3619	9.5831	1.35982
8800	0.0974	1.7419	4.9284	1.1611	6.048	1.3689	9.6365	1.36659
8900	0.1413	1.7929	4.9356	1.1626	6.101	1.3759	9.6885	1.37329
9000	0.1844	1.8430	4.9428	1.1640	6.155	1.3828	9.7390	1.37991

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	0.2266	1.8921	4.9497	1.1653	6.208	1.3896	9.7878	1.38645
9200	0.2679	1.9403	4.9566	1.1668	6.261	1.3964	9.8349	1.39292
9300	0.3084	1.9876	4.9633	1.1683	6.314	1.4032	9.8808	1.39932
9400	0.3481	2.0341	4.9699	1.1699	6.367	1.4099	9.9253	1.40564
9500	0.3871	2.0797	4.9764	1.1715	6.421	1.4166	9.9685	1.41192
9600	0.4253	2.1244	4.9827	1.1731	6.474	1.4232	10.0103	1.41813
9700	0.4627	2.1684	4.9890	1.1748	6.527	1.4298	10.0508	1.42427
9800	0.4994	2.2115	4.9951	1.1764	6.580	1.4364	10.0900	1.43034
9900	0.5355	2.2540	5.0012	1.1777	6.633	1.4429	10.1283	1.43633
10000	0.5709	2.2957	5.0071	1.1790	6.685	1.4494	10.1652	1.44223
10100	0.6056	2.3366	5.0130	1.1768	6.727	1.4558	10.2009	1.44803
10200	0.6417	2.3790	5.0192	1.1783	6.780	1.4626	10.2463	1.45408
10300	0.6752	2.4186	5.0248	1.1839	6.844	1.4690	10.2799	1.45977
10400	0.7080	2.4575	5.0304	1.1859	6.898	1.4753	10.3122	1.46535
10500	0.7401	2.4956	5.0359	1.1873	6.950	1.4816	10.3435	1.47086
10600	0.7719	2.5333	5.0413	1.1888	7.002	1.4879	10.3740	1.47632
10700	0.8029	2.5703	5.0466	1.1907	7.055	1.4941	10.4037	1.48170
10800	0.8334	2.6066	5.0518	1.1921	7.107	1.5003	10.4314	1.48695
10900	0.8635	2.6425	5.0569	1.1938	7.160	1.5065	10.4594	1.49221
11000	0.8930	2.6777	5.0620	1.1959	7.214	1.5127	10.4862	1.49737
11100	0.9219	2.7123	5.0670	1.1979	7.267	1.5189	10.5120	1.50245
11200	0.9504	2.7465	5.0720	1.1999	7.321	1.5251	10.5378	1.50752
11300	0.9782	2.7799	5.0768	1.2018	7.374	1.5312	10.5615	1.51241
11400	1.0057	2.8130	5.0816	1.2029	7.425	1.5373	10.5852	1.51730
11500	1.0329	2.8457	5.0864	1.2048	7.478	1.5435	10.6085	1.52216
11600	1.0593	2.8776	5.0910	1.2070	7.532	1.5496	10.6303	1.52688
11700	1.0856	2.9093	5.0956	1.2088	7.585	1.5557	10.6518	1.53156
11800	1.1112	2.9403	5.1002	1.2109	7.639	1.5618	10.6727	1.53619
11900	1.1367	2.9711	5.1047	1.2133	7.694	1.5680	10.6937	1.54081
12000	1.1614	3.0012	5.1091	1.2155	7.748	1.5740	10.7129	1.54526
12100	1.1859	3.0310	5.1135	1.2170	7.801	1.5802	10.7323	1.54972
12200	1.2100	3.0604	5.1178	1.2185	7.853	1.5863	10.7508	1.55410
12300	1.2339	3.0895	5.1221	1.2208	7.908	1.5925	10.7693	1.55847
12400	1.2571	3.1179	5.1263	1.2232	7.963	1.5986	10.7864	1.56269
12500	1.2802	3.1461	5.1305	1.2250	8.016	1.6047	10.8036	1.56692
12600	1.3028	3.1739	5.1346	1.2279	8.073	1.6109	10.8202	1.57107
12700	1.3250	3.2012	5.1387	1.2303	8.128	1.6171	10.8364	1.57517
12800	1.3469	3.2281	5.1427	1.2319	8.181	1.6232	10.8518	1.57917
12900	1.3687	3.2549	5.1467	1.2343	8.237	1.6295	10.8675	1.58319
13000	1.3900	3.2812	5.1507	1.2364	8.292	1.6358	10.8828	1.58716
13100	1.4110	3.3072	5.1546	1.2380	8.345	1.6420	10.8973	1.59104
13200	1.4317	3.3329	5.1584	1.2407	8.402	1.6482	10.9111	1.59485
13300	1.4520	3.3581	5.1623	1.2426	8.456	1.6545	10.9249	1.59863
13400	1.4722	3.3832	5.1661	1.2451	8.512	1.6608	10.9387	1.60239
13500	1.4919	3.4077	5.1698	1.2476	8.569	1.6671	10.9514	1.60604
13600	1.5115	3.4322	5.1735	1.2494	8.623	1.6735	10.9644	1.60969
13700	1.5307	3.4563	5.1772	1.2524	8.682	1.6798	10.9772	1.61330
13800	1.5497	3.4801	5.1809	1.2540	8.736	1.6862	10.9897	1.61685
13900	1.5686	3.5038	5.1845	1.2561	8.791	1.6928	11.0024	1.62040
14000	1.5870	3.5270	5.1881	1.2588	8.849	1.6992	11.0143	1.62384
14100	1.6054	3.5501	5.1917	1.2603	8.903	1.7057	11.0264	1.62733
14200	1.6235	3.5729	5.1952	1.2614	8.955	1.7122	11.0383	1.63075
14300	1.6414	3.5955	5.1987	1.2639	9.013	1.7187	11.0495	1.63411
14400	1.6590	3.6178	5.2022	1.2665	9.071	1.7252	11.0608	1.63744
14500	1.6763	3.6398	5.2056	1.2685	9.127	1.7318	11.0719	1.64073

S/R= 39.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	1.6935	3.6616	5.2090	1.2703	9.182	1.7383	11.0827	1.64397
14700	1.7106	3.6833	5.2124	1.2721	9.237	1.7450	11.0943	1.64727
14800	1.7274	3.7046	5.2158	1.2743	9.294	1.7516	11.1049	1.65043
14900	1.7440	3.7259	5.2191	1.2757	9.349	1.7583	11.1163	1.65368
15000	1.7606	3.7470	5.2225	1.2760	9.399	1.7650	11.1275	1.65687

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.7409	-6.5753	3.1470	1.3945	1.208	1.0000	3.5072	1.00000
500	-6.4953	-6.2327	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.2905	-5.9487	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.1125	-5.7038	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-5.9536	-5.4869	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-5.8094	-5.2916	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.6769	-5.1131	3.5589	1.3427	1.874	1.0000	3.6218	1.00000
1100	-5.5546	-4.9494	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.4406	-4.7977	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.3340	-4.6563	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-5.2338	-4.5239	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.1394	-4.3995	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-5.0501	-4.2822	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-4.9654	-4.1711	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.8849	-4.0658	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-4.8082	-3.9656	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-4.7293	-3.8647	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.6586	-3.7728	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.5908	-3.6848	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.5257	-3.6004	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.4631	-3.5193	3.9795	1.2945	2.850	1.0000	3.9744	1.00000
2500	-4.4028	-3.4412	3.9992	1.2932	2.908	1.0000	3.9922	1.00001
2600	-4.3446	-3.3660	4.0180	1.2917	2.963	1.0000	4.0085	1.00002
2700	-4.2881	-3.2931	4.0360	1.2894	3.017	1.0000	4.0242	1.00003
2800	-4.2333	-3.2225	4.0536	1.2868	3.070	1.0001	4.0408	1.00007
2900	-4.1798	-3.1537	4.0706	1.2832	3.120	1.0001	4.0570	1.00013
3000	-4.1272	-3.0864	4.0871	1.2779	3.167	1.0002	4.0739	1.00024
3100	-4.0751	-3.0200	4.1034	1.2709	3.210	1.0004	4.0934	1.00041
3200	-4.0230	-2.9540	4.1195	1.2619	3.251	1.0007	4.1148	1.00070
3300	-3.9703	-2.8877	4.1356	1.2508	3.287	1.0011	4.1406	1.00112
3400	-3.9162	-2.8204	4.1519	1.2374	3.320	1.0017	4.1724	1.00173
3500	-3.8599	-2.7511	4.1684	1.2229	3.350	1.0026	4.2100	1.00261
3600	-3.8008	-2.6792	4.1854	1.2078	3.378	1.0038	4.2572	1.00382
3700	-3.7380	-2.6038	4.2030	1.1929	3.406	1.0054	4.3136	1.00542
3800	-3.6709	-2.5242	4.2215	1.1790	3.436	1.0075	4.3828	1.00748
3900	-3.5991	-2.4401	4.2407	1.1667	3.467	1.0101	4.4634	1.01007
4000	-3.5225	-2.3511	4.2606	1.1560	3.500	1.0132	4.5559	1.01320
4100	-3.4410	-2.2574	4.2813	1.1472	3.537	1.0169	4.6613	1.01692
4200	-3.3553	-2.1593	4.3025	1.1399	3.576	1.0212	4.7776	1.02122
4300	-3.2653	-2.0571	4.3241	1.1342	3.617	1.0261	4.9051	1.02608
4400	-3.1723	-1.9518	4.3459	1.1296	3.661	1.0315	5.0398	1.03147
4500	-3.0765	-1.8437	4.3678	1.1262	3.708	1.0374	5.1829	1.03735
4600	-2.9788	-1.7339	4.3895	1.1236	3.756	1.0437	5.3302	1.04367
4700	-2.8798	-1.6228	4.4110	1.1217	3.805	1.0504	5.4816	1.05037
4800	-2.7801	-1.5110	4.4322	1.1203	3.856	1.0574	5.6357	1.05742
4900	-2.6802	-1.3992	4.4530	1.1195	3.908	1.0648	5.7916	1.06477

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	-2.5807	-1.2878	4.4733	1.1200	3.963	1.0724	5.9468	1.07238
5100	-2.4827	-1.1780	4.4930	1.1198	4.017	1.0804	6.1019	1.08038
5200	-2.3848	-1.0685	4.5122	1.1189	4.069	1.0884	6.2549	1.08839
5300	-2.2881	-0.9602	4.5309	1.1191	4.124	1.0965	6.4060	1.09652
5400	-2.1927	-0.8535	4.5490	1.1195	4.179	1.1048	6.5550	1.10477
5500	-2.0989	-0.7484	4.5665	1.1201	4.235	1.1131	6.7011	1.11311
5600	-2.0067	-0.6451	4.5835	1.1208	4.290	1.1216	6.8444	1.12154
5700	-1.9163	-0.5437	4.6000	1.1216	4.346	1.1300	6.9842	1.13002
5800	-1.8276	-0.4442	4.6160	1.1225	4.403	1.1386	7.1209	1.13855
5900	-1.7408	-0.3467	4.6314	1.1236	4.459	1.1472	7.2540	1.14712
6000	-1.6558	-0.2512	4.6464	1.1246	4.516	1.1557	7.3836	1.15570
6100	-1.5729	-0.1579	4.6609	1.1258	4.573	1.1643	7.5094	1.16426
6200	-1.4919	-0.0666	4.6750	1.1269	4.629	1.1729	7.6314	1.17281
6300	-1.4127	0.0227	4.6886	1.1281	4.686	1.1814	7.7500	1.18134
6400	-1.3353	0.1100	4.7019	1.1293	4.742	1.1899	7.8649	1.18985
6500	-1.2597	0.1954	4.7147	1.1305	4.799	1.1984	7.9767	1.19832
6600	-1.1858	0.2790	4.7272	1.1316	4.855	1.2068	8.0851	1.20673
6700	-1.1137	0.3606	4.7394	1.1328	4.911	1.2152	8.1899	1.21511
6800	-1.0433	0.4405	4.7512	1.1342	4.968	1.2236	8.2918	1.22343
6900	-0.9745	0.5185	4.7626	1.1355	5.024	1.2319	8.3904	1.23170
7000	-0.9073	0.5948	4.7738	1.1369	5.080	1.2401	8.4858	1.23991
7100	-0.8418	0.6694	4.7847	1.1382	5.136	1.2483	8.5781	1.24807
7200	-0.7778	0.7423	4.7952	1.1397	5.192	1.2565	8.6674	1.25616
7300	-0.7153	0.8136	4.8055	1.1411	5.248	1.2645	8.7536	1.26418
7400	-0.6542	0.8833	4.8155	1.1424	5.304	1.2725	8.8372	1.27214
7500	-0.5946	0.9514	4.8253	1.1439	5.360	1.2805	8.9181	1.28005
7600	-0.5364	1.0181	4.8349	1.1453	5.415	1.2884	8.9960	1.28786
7700	-0.4795	1.0833	4.8442	1.1466	5.470	1.2962	9.0715	1.29560
7800	-0.4239	1.1471	4.8533	1.1479	5.525	1.3039	9.1446	1.30327
7900	-0.3695	1.2096	4.8621	1.1492	5.580	1.3116	9.2153	1.31085
8000	-0.3163	1.2707	4.8708	1.1504	5.635	1.3192	9.2836	1.31835
8100	-0.2642	1.3307	4.8793	1.1517	5.689	1.3268	9.3500	1.32577
8200	-0.2132	1.3894	4.8876	1.1530	5.743	1.3342	9.4146	1.33310
8300	-0.1634	1.4469	4.8957	1.1543	5.798	1.3416	9.4768	1.34035
8400	-0.1146	1.5033	4.9037	1.1556	5.852	1.3489	9.5372	1.34752
8500	-0.0667	1.5586	4.9115	1.1569	5.905	1.3562	9.5959	1.35461
8600	-0.0199	1.6128	4.9192	1.1582	5.959	1.3634	9.6528	1.36161
8700	0.0260	1.6660	4.9266	1.1595	6.013	1.3705	9.7080	1.36854
8800	0.0709	1.7181	4.9340	1.1609	6.067	1.3776	9.7612	1.37539
8900	0.1149	1.7692	4.9412	1.1624	6.120	1.3846	9.8131	1.38217
9000	0.1580	1.8193	4.9483	1.1638	6.174	1.3916	9.8635	1.38886
9100	0.2003	1.8686	4.9552	1.1652	6.227	1.3985	9.9122	1.39549
9200	0.2417	1.9168	4.9620	1.1667	6.280	1.4053	9.9593	1.40202
9300	0.2822	1.9642	4.9687	1.1681	6.334	1.4121	10.0049	1.40849
9400	0.3220	2.0107	4.9753	1.1697	6.387	1.4189	10.0491	1.41488
9500	0.3610	2.0563	4.9817	1.1714	6.441	1.4256	10.0922	1.42122
9600	0.3992	2.1011	4.9880	1.1729	6.494	1.4323	10.1338	1.42750
9700	0.4367	2.1451	4.9943	1.1745	6.548	1.4390	10.1741	1.43372
9800	0.4735	2.1883	5.0004	1.1761	6.601	1.4456	10.2131	1.43984
9900	0.5095	2.2308	5.0064	1.1774	6.653	1.4522	10.2510	1.44590
10000	0.5449	2.2725	5.0123	1.1788	6.705	1.4587	10.2876	1.45186
10100	0.5797	2.3135	5.0181	1.1767	6.748	1.4651	10.3230	1.45772
10200	0.6158	2.3559	5.0243	1.1781	6.801	1.4719	10.3682	1.46383
10300	0.6493	2.3955	5.0299	1.1836	6.865	1.4783	10.4015	1.46957
10400	0.6822	2.4344	5.0355	1.1856	6.919	1.4946	10.4335	1.47522

S/R= 39.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	0.7143	2.4725	5.0409	1.1870	6.971	1.4909	10.4643	1.48078
10600	0.7460	2.5102	5.0463	1.1885	7.023	1.4972	10.4946	1.48629
10700	0.7771	2.5472	5.0516	1.1904	7.077	1.5035	10.5238	1.49172
10800	0.8076	2.5835	5.0567	1.1918	7.128	1.5097	10.5514	1.49703
10900	0.8377	2.6194	5.0619	1.1934	7.181	1.5159	10.5790	1.50234
11000	0.8672	2.6546	5.0669	1.1954	7.235	1.5221	10.6053	1.50755
11100	0.8961	2.6892	5.0719	1.1973	7.288	1.5283	10.6307	1.51268
11200	0.9246	2.7234	5.0768	1.1994	7.342	1.5345	10.6561	1.51780
11300	0.9524	2.7567	5.0816	1.2013	7.395	1.5405	10.6794	1.52273
11400	0.9798	2.7897	5.0864	1.2026	7.446	1.5467	10.7028	1.52767
11500	1.0071	2.8225	5.0911	1.2043	7.499	1.5528	10.7257	1.53258
11600	1.0335	2.8543	5.0957	1.2063	7.552	1.5588	10.7471	1.53734
11700	1.0597	2.8860	5.1003	1.2081	7.605	1.5649	10.7681	1.54206
11800	1.0854	2.9170	5.1048	1.2101	7.659	1.5710	10.7885	1.54674
11900	1.1108	2.9478	5.1093	1.2124	7.714	1.5771	10.8090	1.55140
12000	1.1355	2.9778	5.1137	1.2147	7.768	1.5832	10.8278	1.55590
12100	1.1600	3.0076	5.1181	1.2162	7.821	1.5893	10.8467	1.56039
12200	1.1841	3.0369	5.1224	1.2179	7.873	1.5953	10.8648	1.56482
12300	1.2080	3.0660	5.1267	1.2200	7.927	1.6015	10.8830	1.56923
12400	1.2312	3.0943	5.1308	1.2220	7.981	1.6075	10.8995	1.57349
12500	1.2542	3.1225	5.1350	1.2238	8.034	1.6136	10.9163	1.57776
12600	1.2768	3.1502	5.1391	1.2267	8.091	1.6197	10.9323	1.58195
12700	1.2990	3.1775	5.1431	1.2290	8.146	1.6258	10.9480	1.58609
12800	1.3209	3.2044	5.1471	1.2305	8.198	1.6318	10.9628	1.59013
12900	1.3426	3.2311	5.1511	1.2330	8.254	1.6380	10.9779	1.59418
13000	1.3639	3.2574	5.1551	1.2352	8.309	1.6442	10.9928	1.59820
13100	1.3849	3.2834	5.1589	1.2371	8.363	1.6504	11.0068	1.60211
13200	1.4056	3.3089	5.1628	1.2393	8.418	1.6565	11.0203	1.60596
13300	1.4258	3.3341	5.1666	1.2409	8.471	1.6626	11.0334	1.60977
13400	1.4461	3.3592	5.1703	1.2433	8.527	1.6689	11.0467	1.61357
13500	1.4657	3.3837	5.1740	1.2457	8.583	1.6750	11.0588	1.61726
13600	1.4853	3.4081	5.1777	1.2476	8.637	1.6812	11.0712	1.62094
13700	1.5045	3.4321	5.1814	1.2504	8.695	1.6875	11.0834	1.62459
13800	1.5235	3.4558	5.1850	1.2518	8.747	1.6938	11.0953	1.62817
13900	1.5424	3.4795	5.1886	1.2539	8.803	1.7001	11.1074	1.63177
14000	1.5608	3.5026	5.1922	1.2568	8.861	1.7064	11.1187	1.63523
14100	1.5791	3.5257	5.1957	1.2587	8.916	1.7128	11.1303	1.63875
14200	1.5972	3.5484	5.1992	1.2597	8.968	1.7192	11.1416	1.64222
14300	1.6151	3.5710	5.2027	1.2616	9.023	1.7256	11.1523	1.64561
14400	1.6327	3.5932	5.2061	1.2639	9.079	1.7319	11.1631	1.64897
14500	1.6500	3.6151	5.2096	1.2659	9.135	1.7383	11.1734	1.65229
14600	1.6672	3.6368	5.2129	1.2678	9.190	1.7447	11.1837	1.65557
14700	1.6843	3.6585	5.2163	1.2694	9.244	1.7512	11.1945	1.65889
14800	1.7010	3.6798	5.2197	1.2715	9.300	1.7576	11.2044	1.66209
14900	1.7177	3.7010	5.2230	1.2729	9.354	1.7642	11.2152	1.66537
15000	1.7342	3.7220	5.2263	1.2732	9.404	1.7707	11.2257	1.66859

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.8278	-6.6621	3.1470	1.3945	1.208	1.0000	3.5072	1.00000
500	-6.5821	-6.3196	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.3773	-6.0356	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.1993	-5.7906	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.0405	-5.5738	3.4552	1.3602	1.687	1.0000	3.5655	1.00000

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-5.8963	-5.3785	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.7637	-5.1999	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.6414	-5.0363	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.5275	-4.8845	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.4209	-4.7432	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-5.3207	-4.6108	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.2262	-4.4864	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-5.1369	-4.3690	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.0522	-4.2580	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-4.9717	-4.1527	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.8950	-4.0525	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.8161	-3.9515	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.7454	-3.8596	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.6777	-3.7717	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.6126	-3.6873	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.5500	-3.6062	3.9795	1.2945	2.850	1.0000	3.9744	1.00000
2500	-4.4896	-3.5281	3.9992	1.2931	2.908	1.0000	3.9923	1.00001
2600	-4.4314	-3.4528	4.0180	1.2915	2.963	1.0000	4.0086	1.00002
2700	-4.3749	-3.3799	4.0361	1.2892	3.017	1.0000	4.0244	1.00004
2800	-4.3200	-3.3092	4.0537	1.2864	3.069	1.0001	4.0411	1.00008
2900	-4.2664	-3.2403	4.0707	1.2824	3.119	1.0001	4.0576	1.00015
3000	-4.2136	-3.1728	4.0872	1.2768	3.165	1.0003	4.0749	1.00026
3100	-4.1613	-3.1061	4.1036	1.2693	3.208	1.0005	4.0951	1.00046
3200	-4.1087	-3.0396	4.1198	1.2595	3.248	1.0008	4.1174	1.00077
3300	-4.0553	-2.9727	4.1360	1.2476	3.283	1.0012	4.1447	1.00123
3400	-4.0004	-2.9045	4.1525	1.2336	3.315	1.0019	4.1784	1.00191
3500	-3.9429	-2.8340	4.1692	1.2185	3.344	1.0029	4.2187	1.00287
3600	-3.8822	-2.7605	4.1867	1.2030	3.372	1.0042	4.2693	1.00419
3700	-3.8175	-2.6831	4.2047	1.1880	3.400	1.0059	4.3299	1.00594
3800	-3.7482	-2.6012	4.2236	1.1742	3.430	1.0082	4.4041	1.00818
3900	-3.6738	-2.5144	4.2433	1.1621	3.461	1.0110	4.4903	1.01097
4000	-3.5945	-2.4226	4.2638	1.1518	3.496	1.0143	4.5890	1.01434
4100	-3.5101	-2.3259	4.2850	1.1435	3.533	1.0183	4.7009	1.01831
4200	-3.4213	-2.2247	4.3066	1.1365	3.573	1.0229	4.8238	1.02288
4300	-3.3285	-2.1194	4.3288	1.1312	3.616	1.0280	4.9579	1.02802
4400	-3.2325	-2.0111	4.3509	1.1270	3.661	1.0337	5.0989	1.03369
4500	-3.1339	-1.9001	4.3732	1.1239	3.708	1.0399	5.2481	1.03985
4600	-3.0337	-1.7876	4.3952	1.1216	3.757	1.0464	5.4010	1.04644
4700	-2.9323	-1.6740	4.4170	1.1199	3.808	1.0534	5.5576	1.05342
4800	-2.8303	-1.5599	4.4384	1.1187	3.859	1.0607	5.7166	1.06073
4900	-2.7283	-1.4458	4.4593	1.1180	3.912	1.0683	5.8769	1.06833
5000	-2.6270	-1.3325	4.4797	1.1187	3.967	1.0762	6.0361	1.07618
5100	-2.5272	-1.2208	4.4996	1.1186	4.022	1.0844	6.1951	1.08442
5200	-2.4277	-1.1097	4.5189	1.1179	4.075	1.0926	6.3514	1.09264
5300	-2.3296	-0.9999	4.5376	1.1181	4.131	1.1010	6.5056	1.10099
5400	-2.2329	-0.8918	4.5557	1.1186	4.186	1.1094	6.6571	1.10944
5500	-2.1379	-0.7855	4.5732	1.1193	4.242	1.1180	6.8058	1.11798
5600	-2.0447	-0.6811	4.5903	1.1201	4.299	1.1266	6.9512	1.12659
5700	-1.9532	-0.5786	4.6067	1.1209	4.355	1.1353	7.0932	1.13526
5800	-1.8636	-0.4782	4.6227	1.1219	4.412	1.1440	7.2316	1.14396
5900	-1.7760	-0.3798	4.6381	1.1230	4.469	1.1527	7.3665	1.15270
6000	-1.6903	-0.2835	4.6531	1.1241	4.526	1.1615	7.4975	1.16144
6100	-1.6066	-0.1894	4.6675	1.1253	4.583	1.1702	7.6245	1.17016
6200	-1.5250	-0.0975	4.6816	1.1264	4.640	1.1789	7.7479	1.17887
6300	-1.4452	-0.0076	4.6952	1.1276	4.697	1.1876	7.8676	1.18754

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-1.3672	0.0804	4.7084	1.1289	4.754	1.1963	7.9836	1.19619
6500	-1.2912	0.1663	4.7212	1.1301	4.811	1.2049	8.0961	1.20480
6600	-1.2168	0.2503	4.7336	1.1312	4.867	1.2135	8.2053	1.21335
6700	-1.1443	0.3325	4.7457	1.1325	4.924	1.2220	8.3110	1.22186
6800	-1.0734	0.4127	4.7575	1.1338	4.981	1.2305	8.4134	1.23030
6900	-1.0043	0.4912	4.7689	1.1352	5.037	1.2389	8.5127	1.23870
7000	-0.9368	0.5679	4.7800	1.1366	5.094	1.2472	8.6085	1.24703
7100	-0.8709	0.6428	4.7908	1.1379	5.150	1.2555	8.7012	1.25531
7200	-0.8066	0.7160	4.8014	1.1394	5.207	1.2638	8.7911	1.26351
7300	-0.7439	0.7875	4.8116	1.1408	5.263	1.2720	8.8777	1.27164
7400	-0.6826	0.8575	4.8216	1.1422	5.319	1.2801	8.9615	1.27971
7500	-0.6227	0.9259	4.8314	1.1436	5.375	1.2881	9.0426	1.28772
7600	-0.5643	0.9928	4.8408	1.1451	5.431	1.2961	9.1208	1.29563
7700	-0.5072	1.0582	4.8501	1.1464	5.486	1.3040	9.1964	1.30347
7800	-0.4513	1.1222	4.8592	1.1477	5.542	1.3119	9.2697	1.31124
7900	-0.3968	1.1849	4.8680	1.1490	5.597	1.3197	9.3407	1.31892
8000	-0.3434	1.2462	4.8766	1.1503	5.652	1.3273	9.4091	1.32652
8100	-0.2912	1.3063	4.8851	1.1516	5.706	1.3350	9.4755	1.33402
8200	-0.2401	1.3652	4.8934	1.1528	5.761	1.3425	9.5399	1.34144
8300	-0.1901	1.4229	4.9015	1.1541	5.815	1.3500	9.6024	1.34878
8400	-0.1412	1.4794	4.9094	1.1555	5.870	1.3574	9.6627	1.35603
8500	-0.0933	1.5348	4.9171	1.1568	5.924	1.3647	9.7213	1.36320
8600	-0.0463	1.5891	4.9248	1.1580	5.977	1.3720	9.7781	1.37029
8700	-0.0004	1.6424	4.9322	1.1593	6.031	1.3792	9.8333	1.37730
8800	0.0446	1.6946	4.9395	1.1608	6.085	1.3863	9.8866	1.38422
8900	0.0887	1.7458	4.9467	1.1622	6.139	1.3934	9.9382	1.39108
9000	0.1319	1.7960	4.9537	1.1637	6.193	1.4004	9.9883	1.39785
9100	0.1742	1.8453	4.9606	1.1651	6.247	1.4074	10.0370	1.40454
9200	0.2157	1.8936	4.9674	1.1665	6.300	1.4143	10.0839	1.41115
9300	0.2563	1.9410	4.9741	1.1679	6.353	1.4212	10.1293	1.41769
9400	0.2961	1.9876	4.9806	1.1695	6.407	1.4280	10.1733	1.42415
9500	0.3351	2.0332	4.9870	1.1712	6.461	1.4347	10.2161	1.43056
9600	0.3734	2.0781	4.9933	1.1728	6.515	1.4415	10.2576	1.43690
9700	0.4109	2.1221	4.9995	1.1744	6.568	1.4482	10.2977	1.44318
9800	0.4477	2.1654	5.0056	1.1759	6.621	1.4548	10.3364	1.44936
9900	0.4838	2.2078	5.0116	1.1772	6.674	1.4614	10.3740	1.45548
10000	0.5193	2.2496	5.0175	1.1786	6.726	1.4680	10.4103	1.46150
10100	0.5540	2.2906	5.0232	1.1765	6.769	1.4744	10.4454	1.46741
10200	0.5902	2.3330	5.0294	1.1780	6.822	1.4812	10.4904	1.47359
10300	0.6237	2.3726	5.0350	1.1834	6.886	1.4877	10.5233	1.47939
10400	0.6565	2.4115	5.0405	1.1852	6.940	1.4940	10.5549	1.48509
10500	0.6886	2.4496	5.0459	1.1867	6.992	1.5003	10.5854	1.49070
10600	0.7204	2.4873	5.0512	1.1882	7.044	1.5067	10.6152	1.49627
10700	0.7514	2.5242	5.0565	1.1901	7.098	1.5129	10.6441	1.50175
10800	0.7819	2.5606	5.0616	1.1915	7.150	1.5191	10.6714	1.50711
10900	0.8120	2.5964	5.0668	1.1931	7.203	1.5254	10.6987	1.51247
11000	0.8415	2.6316	5.0718	1.1950	7.256	1.5315	10.7246	1.51772
11100	0.8704	2.6662	5.0767	1.1968	7.309	1.5377	10.7496	1.52290
11200	0.8989	2.7003	5.0816	1.1989	7.363	1.5439	10.7745	1.52807
11300	0.9267	2.7337	5.0864	1.2008	7.416	1.5499	10.7974	1.53305
11400	0.9542	2.7667	5.0911	1.2021	7.467	1.5560	10.8203	1.53803
11500	0.9814	2.7994	5.0958	1.2040	7.521	1.5622	10.8429	1.54299
11600	1.0078	2.8312	5.1004	1.2058	7.574	1.5682	10.8639	1.54778
11700	1.0340	2.8628	5.1050	1.2074	7.626	1.5742	10.8845	1.55256
11800	1.0596	2.8938	5.1095	1.2094	7.679	1.5803	10.9044	1.55727

S/R= 39.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	1.0850	2.9246	5.1139	1.2116	7.734	1.5864	10.9244	1.56197
12000	1.1097	2.9545	5.1183	1.2138	7.788	1.5923	10.9427	1.56652
12100	1.1342	2.9843	5.1226	1.2155	7.840	1.5984	10.9610	1.57105
12200	1.1583	3.0135	5.1269	1.2172	7.893	1.6044	10.9787	1.57551
12300	1.1821	3.0426	5.1312	1.2194	7.948	1.6105	10.9964	1.57997
12400	1.2053	3.0709	5.1353	1.2212	8.001	1.6165	11.0125	1.58427
12500	1.2283	3.0990	5.1394	1.2227	8.053	1.6225	11.0288	1.58857
12600	1.2509	3.1267	5.1435	1.2255	8.109	1.6285	11.0443	1.59280
12700	1.2731	3.1539	5.1475	1.2278	8.164	1.6345	11.0595	1.59698
12800	1.2950	3.1807	5.1515	1.2294	8.216	1.6405	11.0738	1.60106
12900	1.3167	3.2074	5.1555	1.2316	8.271	1.6466	11.0883	1.60514
13000	1.3379	3.2337	5.1594	1.2338	8.326	1.6527	11.1026	1.60919
13100	1.3589	3.2596	5.1632	1.2358	8.380	1.6588	11.1161	1.61315
13200	1.3795	3.2851	5.1670	1.2384	8.436	1.6648	11.1290	1.61702
13300	1.3998	3.3102	5.1708	1.2399	8.488	1.6709	11.1417	1.62088
13400	1.4200	3.3352	5.1746	1.2416	8.542	1.6770	11.1544	1.62471
13500	1.4396	3.3596	5.1782	1.2440	8.597	1.6831	11.1660	1.62843
13600	1.4592	3.3840	5.1819	1.2459	8.651	1.6892	11.1778	1.63215
13700	1.4784	3.4080	5.1855	1.2485	8.708	1.6953	11.1893	1.63583
13800	1.4973	3.4316	5.1891	1.2499	8.760	1.7015	11.2007	1.63945
13900	1.5162	3.4552	5.1927	1.2520	8.815	1.7077	11.2123	1.64307
14000	1.5346	3.4783	5.1962	1.2548	8.873	1.7138	11.2229	1.64657
14100	1.5529	3.5013	5.1997	1.2565	8.927	1.7201	11.2338	1.65013
14200	1.5710	3.5240	5.2032	1.2579	8.980	1.7263	11.2447	1.65362
14300	1.5888	3.5465	5.2067	1.2600	9.035	1.7326	11.2549	1.65705
14400	1.6064	3.5686	5.2101	1.2620	9.090	1.7388	11.2650	1.66043
14500	1.6237	3.5905	5.2135	1.2636	9.144	1.7451	11.2748	1.66379
14600	1.6409	3.6122	5.2168	1.2653	9.198	1.7513	11.2844	1.66710
14700	1.6579	3.6338	5.2202	1.2667	9.251	1.7576	11.2947	1.67045
14800	1.6746	3.6550	5.2235	1.2690	9.307	1.7639	11.3038	1.67368
14900	1.6913	3.6761	5.2268	1.2705	9.361	1.7702	11.3139	1.67699
15000	1.7078	3.6971	5.2301	1.2707	9.410	1.7766	11.3238	1.68023

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
400	-6.9147	-6.7490	3.1470	1.3945	1.208	1.0000	3.5072	1.00000
500	-6.6690	-6.4064	3.2450	1.3909	1.349	1.0000	3.5156	1.00000
600	-6.4642	-6.1224	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.2862	-5.8775	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.1273	-5.6607	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-5.9832	-5.4653	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.8506	-5.2868	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.7283	-5.1231	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.6144	-4.9714	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.5077	-4.8300	3.6835	1.3238	2.121	1.0000	3.7119	1.00000
1400	-5.4076	-4.6976	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.3131	-4.5732	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-5.2238	-4.4559	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.1391	-4.3449	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.0586	-4.2395	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-4.9819	-4.1394	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-4.9030	-4.0384	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.8323	-3.9465	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.7645	-3.8585	3.9377	1.2974	2.732	1.0000	3.9384	1.00000

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300.	-4.6994	-3.7741	3.9591	1.2960	2.792	1.0000	3.9567	1.00000
2400	-4.6369	-3.6930	3.9795	1.2944	2.850	1.0000	3.9745	1.00000
2500	-4.5765	-3.6149	3.9992	1.2930	2.907	1.0000	3.9923	1.00001
2600	-4.5182	-3.5396	4.0180	1.2914	2.963	1.0000	4.0087	1.00002
2700	-4.4617	-3.4667	4.0361	1.2890	3.017	1.0000	4.0246	1.00004
2800	-4.4067	-3.3959	4.0537	1.2858	3.069	1.0001	4.0415	1.00009
2900	-4.3529	-3.3269	4.0707	1.2815	3.118	1.0002	4.0582	1.00016
3000	-4.3000	-3.2591	4.0874	1.2756	3.164	1.0003	4.0760	1.00029
3100	-4.2473	-3.1921	4.1038	1.2675	3.206	1.0005	4.0969	1.00051
3200	-4.1943	-3.1252	4.1201	1.2570	3.245	1.0008	4.1203	1.00084
3300	-4.1402	-3.0575	4.1365	1.2442	3.279	1.0014	4.1491	1.00136
3400	-4.0843	-2.9883	4.1532	1.2296	3.310	1.0021	4.1851	1.00210
3500	-4.0255	-2.9165	4.1702	1.2139	3.338	1.0032	4.2283	1.00316
3600	-3.9632	-2.8413	4.1880	1.1981	3.366	1.0046	4.2825	1.00460
3700	-3.8964	-2.7618	4.2065	1.1831	3.394	1.0065	4.3477	1.00650
3800	-3.8247	-2.6775	4.2259	1.1695	3.424	1.0089	4.4271	1.00893
3900	-3.7477	-2.5879	4.2461	1.1577	3.456	1.0119	4.5193	1.01194
4000	-3.6654	-2.4931	4.2671	1.1478	3.492	1.0156	4.6244	1.01555
4100	-3.5781	-2.3932	4.2888	1.1398	3.530	1.0198	4.7429	1.01979
4200	-3.4862	-2.2888	4.3110	1.1334	3.571	1.0246	4.8725	1.02463
4300	-3.3904	-2.1804	4.3336	1.1284	3.615	1.0301	5.0133	1.03006
4400	-3.2915	-2.0691	4.3562	1.1246	3.661	1.0360	5.1607	1.03601
4500	-3.1901	-1.9552	4.3788	1.1217	3.709	1.0425	5.3159	1.04245
4600	-3.0873	-1.8400	4.4011	1.1197	3.759	1.0493	5.4745	1.04933
4700	-2.9835	-1.7239	4.4231	1.1182	3.811	1.0566	5.6363	1.05657
4800	-2.8794	-1.6075	4.4447	1.1172	3.863	1.0641	5.8001	1.06414
4900	-2.7754	-1.4914	4.4658	1.1167	3.917	1.0720	5.9647	1.07199
5000	-2.6721	-1.3761	4.4863	1.1174	3.972	1.0801	6.1278	1.08008
5100	-2.5707	-1.2626	4.5063	1.1175	4.028	1.0886	6.2905	1.08855
5200	-2.4697	-1.1499	4.5256	1.1169	4.082	1.0970	6.4500	1.09699
5300	-2.3702	-1.0387	4.5443	1.1172	4.137	1.1056	6.6071	1.10555
5400	-2.2722	-0.9293	4.5624	1.1178	4.194	1.1142	6.7612	1.11420
5500	-2.1761	-0.8218	4.5800	1.1186	4.250	1.1229	6.9123	1.12293
5600	-2.0818	-0.7162	4.5970	1.1194	4.307	1.1317	7.0597	1.13173
5700	-1.9894	-0.6128	4.6134	1.1203	4.364	1.1406	7.2038	1.14058
5800	-1.8989	-0.5114	4.6294	1.1212	4.421	1.1495	7.3438	1.14945
5900	-1.8105	-0.4122	4.6448	1.1224	4.479	1.1584	7.4804	1.15835
6000	-1.7240	-0.3151	4.6597	1.1236	4.536	1.1673	7.6128	1.16726
6100	-1.6397	-0.2203	4.6741	1.1248	4.594	1.1762	7.7411	1.17613
6200	-1.5574	-0.1277	4.6881	1.1260	4.651	1.1850	7.8657	1.18499
6300	-1.4771	-0.0372	4.7017	1.1272	4.709	1.1939	7.9863	1.19381
6400	-1.3986	0.0513	4.7148	1.1285	4.766	1.2027	8.1034	1.20260
6500	-1.3221	0.1377	4.7276	1.1297	4.823	1.2114	8.2167	1.21134
6600	-1.2473	0.2223	4.7400	1.1309	4.880	1.2201	8.3266	1.22003
6700	-1.1743	0.3048	4.7521	1.1321	4.937	1.2288	8.4331	1.22866
6800	-1.1031	0.3855	4.7638	1.1335	4.994	1.2374	8.5361	1.23723
6900	-1.0336	0.4644	4.7752	1.1349	5.051	1.2459	8.6359	1.24575
7000	-0.9658	0.5414	4.7862	1.1363	5.108	1.2544	8.7323	1.25420
7100	-0.8996	0.6166	4.7970	1.1377	5.165	1.2628	8.8254	1.26259
7200	-0.8350	0.6901	4.8075	1.1392	5.221	1.2712	8.9155	1.27091
7300	-0.7720	0.7620	4.8177	1.1406	5.278	1.2795	9.0026	1.27915
7400	-0.7105	0.8322	4.8276	1.1419	5.334	1.2877	9.0866	1.28733
7500	-0.6504	0.9008	4.8373	1.1434	5.391	1.2958	9.1679	1.29543
7600	-0.5917	0.9680	4.8468	1.1448	5.447	1.3039	9.2464	1.30346
7700	-0.5344	1.0336	4.8560	1.1462	5.503	1.3119	9.3222	1.31139

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-0.4785	1.0978	4.8650	1.1475	5.558	1.3199	9.3955	1.31926
7900	-0.4237	1.1606	4.8738	1.1488	5.613	1.3277	9.4666	1.32703
8000	-0.3702	1.2221	4.8824	1.1501	5.668	1.3355	9.5351	1.33472
8100	-0.3179	1.2824	4.8908	1.1514	5.724	1.3432	9.6016	1.34231
8200	-0.2667	1.3414	4.8991	1.1526	5.778	1.3508	9.6660	1.34982
8300	-0.2165	1.3992	4.9071	1.1540	5.833	1.3584	9.7285	1.35724
8400	-0.1675	1.4558	4.9150	1.1553	5.887	1.3659	9.7888	1.36458
8500	-0.1195	1.5113	4.9227	1.1566	5.942	1.3733	9.8472	1.37183
8600	-0.0725	1.5657	4.9303	1.1579	5.996	1.3806	9.9040	1.37900
8700	-0.0264	1.6191	4.9377	1.1592	6.050	1.3879	9.9590	1.38609
8800	0.0187	1.6714	4.9450	1.1607	6.104	1.3951	10.0122	1.39309
8900	0.0628	1.7226	4.9521	1.1621	6.158	1.4022	10.0637	1.40002
9000	0.1061	1.7729	4.9592	1.1636	6.212	1.4093	10.1136	1.40686
9100	0.1484	1.8222	4.9660	1.1650	6.266	1.4163	10.1620	1.41362
9200	0.1900	1.8706	4.9728	1.1664	6.320	1.4233	10.2089	1.42030
9300	0.2306	1.9181	4.9794	1.1678	6.373	1.4302	10.2541	1.42691
9400	0.2705	1.9647	4.9859	1.1694	6.427	1.4370	10.2979	1.43343
9500	0.3095	2.0104	4.9923	1.1710	6.481	1.4439	10.3403	1.43991
9600	0.3478	2.0553	4.9985	1.1727	6.535	1.4507	10.3815	1.44631
9700	0.3854	2.0993	5.0047	1.1743	6.589	1.4574	10.4215	1.45265
9800	0.4222	2.1426	5.0108	1.1758	6.642	1.4641	10.4600	1.45890
9900	0.4583	2.1851	5.0167	1.1771	6.694	1.4707	10.4972	1.46507
10000	0.4938	2.2268	5.0226	1.1784	6.747	1.4773	10.5332	1.47115
10100	0.5285	2.2678	5.0283	1.1764	6.790	1.4838	10.5680	1.47712
10200	0.5647	2.3102	5.0344	1.1779	6.843	1.4906	10.6125	1.48336
10300	0.5982	2.3499	5.0400	1.1832	6.907	1.4971	10.6453	1.48922
10400	0.6310	2.3888	5.0455	1.1850	6.961	1.5034	10.6766	1.49497
10500	0.6632	2.4269	5.0508	1.1864	7.013	1.5098	10.7066	1.50063
10600	0.6949	2.4645	5.0562	1.1880	7.066	1.5161	10.7360	1.50625
10700	0.7260	2.5015	5.0614	1.1898	7.119	1.5224	10.7645	1.51178
10800	0.7565	2.5378	5.0665	1.1912	7.171	1.5286	10.7915	1.51719
10900	0.7865	2.5736	5.0716	1.1930	7.224	1.5348	10.8183	1.52259
11000	0.8160	2.6088	5.0766	1.1947	7.277	1.5410	10.8439	1.52790
11100	0.8449	2.6433	5.0815	1.1965	7.330	1.5471	10.8685	1.53312
11200	0.8734	2.6775	5.0864	1.1984	7.384	1.5533	10.8930	1.53833
11300	0.9012	2.7108	5.0911	1.2004	7.437	1.5594	10.9153	1.54336
11400	0.9286	2.7437	5.0958	1.2016	7.488	1.5654	10.9379	1.54838
11500	0.9558	2.7764	5.1005	1.2035	7.542	1.5716	10.9600	1.55338
11600	0.9822	2.8082	5.1051	1.2055	7.595	1.5776	10.9805	1.55822
11700	1.0093	2.8398	5.1096	1.2070	7.647	1.5836	11.0007	1.56303
11800	1.0340	2.8707	5.1141	1.2087	7.700	1.5896	11.0202	1.56779
11900	1.0593	2.9014	5.1185	1.2109	7.754	1.5956	11.0397	1.57253
12000	1.0840	2.9314	5.1228	1.2132	7.808	1.6016	11.0575	1.57711
12100	1.1085	2.9611	5.1271	1.2147	7.861	1.6076	11.0754	1.58169
12200	1.1325	2.9903	5.1314	1.2165	7.913	1.6135	11.0925	1.58618
12300	1.1564	3.0193	5.1356	1.2187	7.968	1.6196	11.1096	1.59068
12400	1.1795	3.0475	5.1397	1.2207	8.021	1.6255	11.1253	1.59501
12500	1.2025	3.0756	5.1438	1.2220	8.073	1.6315	11.1412	1.59935
12600	1.2251	3.1032	5.1479	1.2244	8.128	1.6375	11.1561	1.60362
12700	1.2472	3.1304	5.1519	1.2267	8.182	1.6434	11.1707	1.60783
12800	1.2691	3.1572	5.1558	1.2283	8.235	1.6493	11.1845	1.61194
12900	1.2907	3.1838	5.1597	1.2304	8.289	1.6553	11.1985	1.61607
13000	1.3120	3.2100	5.1636	1.2326	8.343	1.6613	11.2122	1.62015
13100	1.3329	3.2358	5.1675	1.2345	8.397	1.6673	11.2251	1.62414
13200	1.3536	3.2613	5.1712	1.2371	8.453	1.6733	11.2375	1.62805

S/R= 39.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.3738	3.2863	5.1750	1.2388	8.506	1.6792	11.2497	1.63193
13400	1.3940	3.3113	5.1787	1.2406	8.559	1.6853	11.2619	1.63580
13500	1.4135	3.3357	5.1824	1.2425	8.613	1.6912	11.2729	1.63955
13600	1.4331	3.3600	5.1860	1.2442	8.666	1.6972	11.2842	1.64330
13700	1.4523	3.3839	5.1896	1.2468	8.722	1.7032	11.2952	1.64701
13800	1.4712	3.4075	5.1932	1.2481	8.774	1.7093	11.3059	1.65066
13900	1.4901	3.4310	5.1967	1.2501	8.829	1.7154	11.3168	1.65432
14000	1.5084	3.4540	5.2002	1.2529	8.886	1.7214	11.3268	1.65785
14100	1.5267	3.4769	5.2037	1.2546	8.939	1.7275	11.3371	1.66144
14200	1.5447	3.4996	5.2072	1.2560	8.992	1.7336	11.3473	1.66496
14300	1.5626	3.5220	5.2106	1.2581	9.047	1.7397	11.3570	1.66841
14400	1.5801	3.5441	5.2140	1.2603	9.102	1.7458	11.3666	1.67183
14500	1.5974	3.5659	5.2174	1.2619	9.156	1.7519	11.3758	1.67522
14600	1.6145	3.5875	5.2207	1.2631	9.208	1.7580	11.3849	1.67856
14700	1.6316	3.6091	5.2240	1.2645	9.260	1.7642	11.3944	1.68194
14800	1.6483	3.6302	5.2273	1.2667	9.316	1.7703	11.4031	1.68520
14900	1.6649	3.6512	5.2306	1.2678	9.368	1.7765	11.4124	1.68853
15000	1.6814	3.6721	5.2338	1.2679	9.416	1.7827	11.4214	1.69180

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.7559	-6.4933	3.2450	1.3866	1.346	1.0000	3.5156	1.00000
600	-6.5511	-6.2093	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.3731	-5.9644	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.2142	-5.7475	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-6.0700	-5.5522	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-5.9374	-5.3737	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.8151	-5.2100	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.7012	-5.0583	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.5946	-4.9169	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-5.4944	-4.7845	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.4000	-4.6601	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-5.3106	-4.5427	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.2259	-4.4317	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.1454	-4.3264	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-5.0687	-4.2262	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-4.9899	-4.1252	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-4.9192	-4.0333	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.8514	-3.9454	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.7863	-3.8610	3.9591	1.2959	2.792	1.0000	3.9567	1.00000
2400	-4.7237	-3.7799	3.9795	1.2944	2.850	1.0000	3.9745	1.00000
2500	-4.6633	-3.7018	3.9992	1.2930	2.907	1.0000	3.9923	1.00001
2600	-4.6050	-3.6264	4.0180	1.2912	2.963	1.0000	4.0088	1.00002
2700	-4.5485	-3.5535	4.0361	1.2886	3.016	1.0000	4.0247	1.00005
2800	-4.4934	-3.4826	4.0537	1.2853	3.068	1.0001	4.0418	1.00010
2900	-4.4395	-3.4134	4.0708	1.2807	3.117	1.0002	4.0589	1.00018
3000	-4.3863	-3.3454	4.0875	1.2743	3.162	1.0003	4.0772	1.00032
3100	-4.3333	-3.2780	4.1040	1.2656	3.204	1.0006	4.0989	1.00056
3200	-4.2797	-3.2106	4.1204	1.2543	3.241	1.0009	4.1235	1.00093
3300	-4.2249	-3.1421	4.1370	1.2406	3.274	1.0015	4.1540	1.00150
3400	-4.1678	-3.0718	4.1539	1.2254	3.305	1.0023	4.1923	1.00232
3500	-4.1077	-2.9985	4.1713	1.2093	3.333	1.0035	4.2387	1.00348
3600	-4.0436	-2.9215	4.1895	1.1932	3.360	1.0050	4.2969	1.00504
3700	-3.9747	-2.8398	4.2084	1.1782	3.388	1.0071	4.3669	1.00711

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-3.9004	-2.7528	4.2283	1.1648	3.419	1.0097	4.4519	1.00974
3900	-3.8206	-2.6603	4.2491	1.1534	3.452	1.0130	4.5503	1.01298
4000	-3.7353	-2.5624	4.2706	1.1440	3.488	1.0169	4.6621	1.01685
4100	-3.6449	-2.4593	4.2929	1.1364	3.528	1.0214	4.7875	1.02135
4200	-3.5499	-2.3517	4.3156	1.1303	3.570	1.0265	4.9240	1.02648
4300	-3.4510	-2.2402	4.3386	1.1257	3.615	1.0322	5.0714	1.03220
4400	-3.3492	-2.1258	4.3616	1.1222	3.662	1.0384	5.2252	1.03843
4500	-3.2451	-2.0091	4.3845	1.1197	3.711	1.0452	5.3865	1.04517
4600	-3.1397	-1.8912	4.4071	1.1179	3.762	1.0523	5.5506	1.05231
4700	-3.0336	-1.7727	4.4293	1.1166	3.814	1.0598	5.7175	1.05982
4800	-2.9273	-1.6540	4.4511	1.1158	3.867	1.0676	5.8860	1.06765
4900	-2.8213	-1.5358	4.4723	1.1154	3.921	1.0758	6.0548	1.07575
5000	-2.7163	-1.4187	4.4929	1.1163	3.978	1.0841	6.2218	1.08407
5100	-2.6131	-1.3034	4.5129	1.1164	4.034	1.0928	6.3880	1.09278
5200	-2.5107	-1.1891	4.5323	1.1159	4.088	1.1014	6.5506	1.10143
5300	-2.4098	-1.0766	4.5510	1.1164	4.145	1.1102	6.7106	1.11020
5400	-2.3107	-0.9658	4.5692	1.1170	4.201	1.1190	6.8672	1.11904
5500	-2.2134	-0.8572	4.5867	1.1178	4.259	1.1280	7.0205	1.12797
5600	-2.1181	-0.7506	4.6037	1.1187	4.316	1.1370	7.1700	1.13695
5700	-2.0248	-0.6461	4.6201	1.1197	4.373	1.1460	7.3159	1.14597
5800	-1.9335	-0.5439	4.6360	1.1207	4.431	1.1550	7.4577	1.15502
5900	-1.8443	-0.4439	4.6514	1.1219	4.489	1.1641	7.5956	1.16408
6000	-1.7571	-0.3460	4.6663	1.1231	4.547	1.1732	7.7296	1.17314
6100	-1.6722	-0.2506	4.6807	1.1243	4.605	1.1822	7.8590	1.18217
6200	-1.5893	-0.1573	4.6947	1.1256	4.662	1.1912	7.9847	1.19117
6300	-1.5084	-0.0662	4.7082	1.1268	4.720	1.2002	8.1063	1.20014
6400	-1.4294	0.0228	4.7213	1.1281	4.778	1.2091	8.2242	1.20906
6500	-1.3524	0.1098	4.7340	1.1293	4.835	1.2180	8.3384	1.21794
6600	-1.2772	0.1947	4.7463	1.1305	4.893	1.2269	8.4490	1.22676
6700	-1.2038	0.2777	4.7584	1.1318	4.950	1.2356	8.5563	1.23553
6800	-1.1323	0.3588	4.7700	1.1332	5.007	1.2444	8.6597	1.24422
6900	-1.0624	0.4380	4.7813	1.1346	5.065	1.2530	8.7599	1.25285
7000	-0.9943	0.5153	4.7924	1.1360	5.122	1.2616	8.8569	1.26143
7100	-0.9278	0.5909	4.8031	1.1374	5.179	1.2701	8.9503	1.26993
7200	-0.8630	0.6647	4.8135	1.1389	5.236	1.2786	9.0408	1.27835
7300	-0.7997	0.7368	4.8237	1.1403	5.293	1.2870	9.1282	1.28671
7400	-0.7380	0.8072	4.8336	1.1417	5.350	1.2953	9.2125	1.29499
7500	-0.6777	0.8761	4.8433	1.1432	5.406	1.3036	9.2939	1.30319
7600	-0.6188	0.9435	4.8527	1.1446	5.463	1.3118	9.3727	1.31132
7700	-0.5614	1.0093	4.8619	1.1460	5.519	1.3199	9.4486	1.31936
7800	-0.5052	1.0736	4.8708	1.1474	5.575	1.3279	9.5219	1.32731
7900	-0.4503	1.1367	4.8796	1.1486	5.630	1.3358	9.5930	1.33518
8000	-0.3967	1.1983	4.8882	1.1499	5.685	1.3437	9.6619	1.34296
8100	-0.3442	1.2587	4.8965	1.1513	5.741	1.3515	9.7281	1.35064
8200	-0.2929	1.3178	4.9047	1.1525	5.796	1.3592	9.7925	1.35823
8300	-0.2426	1.3758	4.9127	1.1539	5.851	1.3668	9.8549	1.36574
8400	-0.1935	1.4325	4.9206	1.1552	5.905	1.3744	9.9154	1.37316
8500	-0.1454	1.4881	4.9283	1.1565	5.960	1.3818	9.9737	1.38049
8600	-0.0983	1.5426	4.9358	1.1578	6.014	1.3893	10.0302	1.38774
8700	-0.0522	1.5960	4.9432	1.1591	6.069	1.3966	10.0851	1.39490
8800	-0.0070	1.6484	4.9504	1.1606	6.123	1.4039	10.1383	1.40198
8900	0.0372	1.6997	4.9575	1.1620	6.177	1.4111	10.1895	1.40898
9000	0.0805	1.7501	4.9645	1.1635	6.232	1.4182	10.2393	1.41589
9100	0.1229	1.7994	4.9713	1.1649	6.286	1.4253	10.2874	1.42272
9200	0.1645	1.8479	4.9781	1.1663	6.340	1.4323	10.3341	1.42947

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	0.2052	1.8954	4.9846	1.1677	6.393	1.4393	10.3791	1.43615
9400	0.2451	1.9420	4.9911	1.1692	6.447	1.4462	10.4226	1.44274
9500	0.2842	1.9878	4.9975	1.1709	6.501	1.4530	10.4649	1.44927
9600	0.3225	2.0327	5.0037	1.1726	6.555	1.4599	10.5057	1.45574
9700	0.3601	2.0768	5.0098	1.1741	6.609	1.4666	10.5454	1.46214
9800	0.3969	2.1200	5.0159	1.1756	6.663	1.4734	10.5837	1.46845
9900	0.4330	2.1625	5.0218	1.1770	6.715	1.4800	10.6206	1.47468
10000	0.4685	2.2043	5.0276	1.1783	6.768	1.4866	10.6563	1.48081
10100	0.5033	2.2453	5.0333	1.1763	6.811	1.4932	10.6907	1.48684
10200	0.5394	2.2877	5.0394	1.1777	6.864	1.5000	10.7348	1.49314
10300	0.5729	2.3273	5.0449	1.1831	6.929	1.5065	10.7672	1.49905
10400	0.6058	2.3662	5.0504	1.1849	6.982	1.5129	10.7982	1.50485
10500	0.6379	2.4043	5.0557	1.1862	7.034	1.5192	10.8279	1.51056
10600	0.6696	2.4419	5.0610	1.1878	7.087	1.5256	10.8569	1.51622
10700	0.7006	2.4789	5.0662	1.1896	7.141	1.5319	10.8850	1.52181
10800	0.7311	2.5151	5.0713	1.1910	7.193	1.5381	10.9115	1.52726
10900	0.7612	2.5509	5.0764	1.1928	7.246	1.5443	10.9379	1.53272
11000	0.7906	2.5861	5.0813	1.1945	7.299	1.5505	10.9632	1.53806
11100	0.8195	2.6206	5.0862	1.1961	7.352	1.5566	10.9874	1.54333
11200	0.8480	2.6547	5.0911	1.1980	7.405	1.5628	11.0113	1.54858
11300	0.8758	2.6880	5.0958	1.2000	7.458	1.5688	11.0333	1.55365
11400	0.9032	2.7209	5.1005	1.2012	7.510	1.5749	11.0552	1.55872
11500	0.9303	2.7535	5.1051	1.2031	7.563	1.5810	11.0770	1.56376
11600	0.9567	2.7853	5.1097	1.2051	7.617	1.5870	11.0970	1.56864
11700	0.9829	2.8168	5.1142	1.2067	7.669	1.5930	11.1168	1.57349
11800	1.0084	2.8477	5.1186	1.2083	7.721	1.5989	11.1358	1.57828
11900	1.0338	2.8784	5.1230	1.2103	7.775	1.6050	11.1548	1.58306
12000	1.0584	2.9083	5.1273	1.2125	7.829	1.6109	11.1721	1.58768
12100	1.0829	2.9379	5.1316	1.2141	7.881	1.6168	11.1895	1.59229
12200	1.1069	2.9671	5.1358	1.2157	7.933	1.6227	11.2061	1.59682
12300	1.1307	2.9960	5.1400	1.2179	7.988	1.6287	11.2227	1.60136
12400	1.1538	3.0242	5.1441	1.2199	8.041	1.6346	11.2379	1.60573
12500	1.1768	3.0523	5.1482	1.2215	8.093	1.6405	11.2532	1.61010
12600	1.1993	3.0798	5.1522	1.2239	8.148	1.6464	11.2678	1.61440
12700	1.2214	3.1069	5.1562	1.2258	8.201	1.6523	11.2818	1.61864
12800	1.2432	3.1337	5.1601	1.2273	8.253	1.6581	11.2950	1.62279
12900	1.2649	3.1602	5.1640	1.2293	8.307	1.6641	11.3084	1.62694
13000	1.2861	3.1864	5.1678	1.2314	8.361	1.6700	11.3215	1.63106
13100	1.3070	3.2121	5.1717	1.2333	8.415	1.6759	11.3339	1.63508
13200	1.3276	3.2375	5.1754	1.2359	8.470	1.6818	11.3458	1.63902
13300	1.3478	3.2625	5.1791	1.2375	8.523	1.6876	11.3573	1.64294
13400	1.3679	3.2875	5.1828	1.2396	8.577	1.6936	11.3690	1.64684
13500	1.3875	3.3117	5.1865	1.2416	8.631	1.6994	11.3795	1.65061
13600	1.4070	3.3360	5.1901	1.2429	8.682	1.7054	11.3903	1.65439
13700	1.4262	3.3598	5.1937	1.2452	8.737	1.7113	11.4006	1.65813
13800	1.4451	3.3833	5.1972	1.2465	8.789	1.7172	11.4107	1.66182
13900	1.4639	3.4068	5.2007	1.2484	8.843	1.7232	11.4211	1.66551
14000	1.4823	3.4298	5.2042	1.2511	8.899	1.7290	11.4305	1.66906
14100	1.5005	3.4526	5.2077	1.2527	8.952	1.7350	11.4402	1.67268
14200	1.5185	3.4752	5.2111	1.2540	9.004	1.7410	11.4497	1.67623
14300	1.5363	3.4975	5.2145	1.2562	9.059	1.7470	11.4588	1.67971
14400	1.5538	3.5196	5.2178	1.2583	9.114	1.7530	11.4677	1.68316
14500	1.5711	3.5413	5.2212	1.2602	9.168	1.7589	11.4763	1.68657
14600	1.5882	3.5628	5.2245	1.2617	9.220	1.7649	11.4848	1.68994
14700	1.6052	3.5843	5.2278	1.2625	9.271	1.7710	11.4939	1.69335

S/R= 39.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	1.6219	3.6054	5.2310	1.2644	9.325	1.7769	11.5019	1.69663
14900	1.6384	3.6264	5.2343	1.2657	9.377	1.7829	11.5106	1.69998
15000	1.6549	3.6472	5.2375	1.2658	9.425	1.7889	11.5190	1.70328

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.8427	-6.5801	3.2450	1.3866	1.346	1.0000	3.5156	1.00000
600	-6.6379	-6.2962	3.3251	1.3817	1.472	1.0000	3.5232	1.00000
700	-6.4599	-6.0512	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.3011	-5.8344	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-6.1569	-5.6390	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.0243	-5.4605	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.9020	-5.2968	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.7881	-5.1451	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.6815	-5.0037	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-5.5813	-4.8714	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.4868	-4.7470	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-5.3975	-4.6296	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.3128	-4.5186	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.2323	-4.4133	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-5.1556	-4.3131	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-5.0767	-4.2121	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.0060	-4.1202	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-4.9383	-4.0323	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.8732	-3.9478	3.9591	1.2958	2.792	1.0000	3.9567	1.00000
2400	-4.8105	-3.8667	3.9795	1.2944	2.850	1.0000	3.9745	1.00000
2500	-4.7501	-3.7886	3.9992	1.2929	2.907	1.0000	3.9924	1.00001
2600	-4.6918	-3.7133	4.0180	1.2910	2.963	1.0000	4.0089	1.00002
2700	-4.6352	-3.6402	4.0361	1.2882	3.016	1.0001	4.0250	1.00005
2800	-4.5801	-3.5693	4.0538	1.2848	3.067	1.0001	4.0423	1.00011
2900	-4.5260	-3.5000	4.0709	1.2798	3.116	1.0002	4.0596	1.00020
3000	-4.4726	-3.4317	4.0876	1.2727	3.160	1.0004	4.0785	1.00036
3100	-4.4191	-3.3639	4.1043	1.2634	3.201	1.0006	4.1010	1.00062
3200	-4.3650	-3.2958	4.1208	1.2513	3.238	1.0010	4.1270	1.00103
3300	-4.3093	-3.2265	4.1375	1.2369	3.270	1.0016	4.1594	1.00165
3400	-4.2511	-3.1550	4.1548	1.2210	3.299	1.0026	4.2003	1.00255
3500	-4.1895	-3.0802	4.1725	1.2045	3.327	1.0038	4.2501	1.00382
3600	-4.1234	-3.0011	4.1910	1.1883	3.354	1.0055	4.3126	1.00553
3700	-4.0522	-2.9170	4.2104	1.1733	3.382	1.0078	4.3877	1.00777
3800	-3.9753	-2.8273	4.2309	1.1602	3.413	1.0106	4.4787	1.01061
3900	-3.8925	-2.7318	4.2523	1.1493	3.448	1.0141	4.5836	1.01409
4000	-3.8042	-2.6307	4.2744	1.1402	3.485	1.0182	4.7022	1.01822
4100	-3.7105	-2.5242	4.2972	1.1331	3.525	1.0230	4.8347	1.02301
4200	-3.6124	-2.4134	4.3203	1.1274	3.569	1.0284	4.9782	1.02843
4300	-3.5104	-2.2986	4.3438	1.1232	3.615	1.0344	5.1323	1.03444
4400	-3.4057	-2.1812	4.3671	1.1201	3.663	1.0410	5.2925	1.04096
4500	-3.2989	-2.0617	4.3904	1.1178	3.713	1.0480	5.4597	1.04798
4600	-3.1910	-1.9412	4.4132	1.1162	3.764	1.0554	5.6293	1.05540
4700	-3.0825	-1.8202	4.4356	1.1151	3.817	1.0632	5.8012	1.06318
4800	-2.9741	-1.6994	4.4575	1.1145	3.871	1.0713	5.9743	1.07126
4900	-2.8663	-1.5792	4.4789	1.1143	3.926	1.0796	6.1472	1.07960
5000	-2.7595	-1.4602	4.4995	1.1151	3.983	1.0882	6.3180	1.08815
5100	-2.6547	-1.3433	4.5197	1.1154	4.040	1.0971	6.4876	1.09709
5200	-2.5508	-1.2275	4.5390	1.1151	4.095	1.1060	6.6532	1.10596

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-2.4487	-1.1135	4.5578	1.1156	4.152	1.1149	6.8158	1.11493
5400	-2.3483	-1.0016	4.5759	1.1163	4.209	1.1240	6.9749	1.12397
5500	-2.2500	-0.8918	4.5935	1.1172	4.267	1.1331	7.1304	1.13308
5600	-2.1537	-0.7842	4.6104	1.1181	4.325	1.1423	7.2820	1.14224
5700	-2.0595	-0.6788	4.6268	1.1191	4.383	1.1515	7.4295	1.15144
5800	-1.9674	-0.5757	4.6427	1.1201	4.441	1.1607	7.5730	1.16065
5900	-1.8775	-0.4749	4.6580	1.1213	4.499	1.1699	7.7123	1.16988
6000	-1.7896	-0.3763	4.6729	1.1226	4.557	1.1791	7.8476	1.17909
6100	-1.7040	-0.2802	4.6872	1.1239	4.616	1.1883	7.9781	1.18827
6200	-1.6206	-0.1863	4.7011	1.1251	4.674	1.1975	8.1049	1.19742
6300	-1.5392	-0.0947	4.7146	1.1264	4.732	1.2066	8.2275	1.20653
6400	-1.4597	-0.0051	4.7277	1.1278	4.790	1.2157	8.3462	1.21559
6500	-1.3822	0.0823	4.7403	1.1290	4.848	1.2247	8.4612	1.22460
6600	-1.3066	0.1677	4.7526	1.1302	4.905	1.2336	8.5724	1.23355
6700	-1.2329	0.2511	4.7646	1.1315	4.963	1.2425	8.6802	1.24244
6800	-1.1610	0.3325	4.7762	1.1329	5.021	1.2514	8.7843	1.25125
6900	-1.0908	0.4120	4.7875	1.1344	5.079	1.2602	8.8849	1.26001
7000	-1.0224	0.4897	4.7985	1.1358	5.136	1.2689	8.9823	1.26870
7100	-0.9557	0.5656	4.8092	1.1372	5.194	1.2775	9.0761	1.27731
7200	-0.8906	0.6396	4.8195	1.1387	5.251	1.2861	9.1667	1.28584
7300	-0.8271	0.7120	4.8297	1.1401	5.308	1.2946	9.2545	1.29431
7400	-0.7651	0.7827	4.8395	1.1415	5.365	1.3030	9.3391	1.30269
7500	-0.7046	0.8518	4.8491	1.1430	5.422	1.3114	9.4206	1.31100
7600	-0.6456	0.9193	4.8585	1.1445	5.479	1.3196	9.4995	1.31922
7700	-0.5879	0.9853	4.8677	1.1458	5.535	1.3278	9.5757	1.32736
7800	-0.5316	1.0499	4.8766	1.1472	5.591	1.3359	9.6491	1.33540
7900	-0.4766	1.1130	4.8853	1.1485	5.647	1.3440	9.7201	1.34336
8000	-0.4228	1.1748	4.8938	1.1498	5.702	1.3519	9.7889	1.35124
8100	-0.3702	1.2354	4.9022	1.1512	5.758	1.3598	9.8553	1.35900
8200	-0.3188	1.2946	4.9103	1.1524	5.813	1.3676	9.9196	1.36668
8300	-0.2684	1.3526	4.9183	1.1538	5.869	1.3753	9.9819	1.37427
8400	-0.2192	1.4095	4.9261	1.1551	5.923	1.3829	10.0423	1.38177
8500	-0.1710	1.4652	4.9338	1.1564	5.978	1.3905	10.1005	1.38918
8600	-0.1238	1.5197	4.9413	1.1577	6.033	1.3979	10.1570	1.39651
8700	-0.0777	1.5732	4.9486	1.1590	6.087	1.4053	10.2116	1.40374
8800	-0.0324	1.6257	4.9558	1.1605	6.142	1.4127	10.2646	1.41090
8900	0.0118	1.6771	4.9629	1.1619	6.197	1.4200	10.3158	1.41797
9000	0.0552	1.7275	4.9698	1.1634	6.251	1.4271	10.3653	1.42495
9100	0.0976	1.7769	4.9766	1.1648	6.305	1.4343	10.4132	1.43185
9200	0.1392	1.8254	4.9833	1.1662	6.359	1.4414	10.4596	1.43866
9300	0.1800	1.8729	4.9899	1.1676	6.413	1.4484	10.5044	1.44541
9400	0.2199	1.9196	4.9963	1.1691	6.467	1.4553	10.5477	1.45206
9500	0.2590	1.9653	5.0026	1.1708	6.522	1.4622	10.5896	1.45866
9600	0.2973	2.0103	5.0088	1.1725	6.576	1.4691	10.6302	1.46518
9700	0.3349	2.0544	5.0149	1.1740	6.630	1.4759	10.6695	1.47164
9800	0.3713	2.0977	5.0209	1.1755	6.683	1.4827	10.7075	1.47800
9900	0.4079	2.1402	5.0268	1.1769	6.736	1.4894	10.7442	1.48429
10000	0.4434	2.1819	5.0326	1.1781	6.789	1.4960	10.7795	1.49048
10100	0.4782	2.2229	5.0383	1.1762	6.832	1.5026	10.8134	1.49656
10200	0.5143	2.2653	5.0443	1.1777	6.886	1.5095	10.8572	1.50292
10300	0.5478	2.3049	5.0498	1.1830	6.950	1.5160	10.8892	1.50888
10400	0.5806	2.3438	5.0553	1.1847	7.004	1.5224	10.9198	1.51473
10500	0.6127	2.3818	5.0606	1.1860	7.056	1.5287	10.9492	1.52049
10600	0.6444	2.4195	5.0658	1.1876	7.109	1.5351	10.9779	1.52620
10700	0.6755	2.4564	5.0710	1.1894	7.162	1.5414	11.0055	1.53183

S/R= 40.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	0.7059	2.4926	5.0761	1.1907	7.214	1.5476	11.0315	1.53733
10900	0.7360	2.5284	5.0811	1.1925	7.267	1.5538	11.0575	1.54283
11000	0.7654	2.5635	5.0860	1.1943	7.321	1.5600	11.0824	1.54822
11100	0.7943	2.5980	5.0909	1.1960	7.374	1.5662	11.1061	1.55353
11200	0.8227	2.6321	5.0957	1.1977	7.427	1.5723	11.1298	1.55882
11300	0.8505	2.6653	5.1004	1.1996	7.480	1.5783	11.1512	1.56393
11400	0.8778	2.6982	5.1051	1.2008	7.531	1.5844	11.1727	1.56903
11500	0.9050	2.7308	5.1097	1.2027	7.584	1.5904	11.1938	1.57412
11600	0.9313	2.7625	5.1142	1.2047	7.638	1.5964	11.2134	1.57903
11700	0.9574	2.7940	5.1187	1.2063	7.690	1.6024	11.2327	1.58392
11800	0.9830	2.8248	5.1231	1.2080	7.743	1.6083	11.2512	1.58875
11900	1.0083	2.8554	5.1275	1.2099	7.796	1.6143	11.2698	1.59356
12000	1.0329	2.8853	5.1317	1.2119	7.850	1.6202	11.2866	1.59822
12100	1.0573	2.9149	5.1360	1.2135	7.902	1.6261	11.3034	1.60287
12200	1.0813	2.9440	5.1402	1.2152	7.954	1.6320	11.3194	1.60743
12300	1.1051	2.9728	5.1443	1.2171	8.008	1.6379	11.3356	1.61200
12400	1.1282	3.0010	5.1484	1.2192	8.061	1.6437	11.3502	1.61640
12500	1.1511	3.0290	5.1525	1.2208	8.113	1.6496	11.3649	1.62080
12600	1.1736	3.0565	5.1565	1.2233	8.169	1.6554	11.3789	1.62513
12700	1.1957	3.0835	5.1604	1.2252	8.222	1.6613	11.3926	1.62941
12800	1.2175	3.1102	5.1643	1.2264	8.272	1.6670	11.4052	1.63359
12900	1.2390	3.1367	5.1682	1.2283	8.326	1.6729	11.4181	1.63777
13000	1.2602	3.1628	5.1720	1.2303	8.379	1.6787	11.4307	1.64192
13100	1.2811	3.1885	5.1758	1.2323	8.433	1.6845	11.4424	1.64597
13200	1.3017	3.2138	5.1795	1.2347	8.488	1.6903	11.4536	1.64994
13300	1.3218	3.2387	5.1832	1.2363	8.540	1.6961	11.4646	1.65388
13400	1.3419	3.2636	5.1869	1.2383	8.594	1.7020	11.4757	1.65781
13500	1.3615	3.2878	5.1905	1.2405	8.648	1.7077	11.4857	1.66162
13600	1.3809	3.3120	5.1941	1.2420	8.700	1.7136	11.4958	1.66543
13700	1.4001	3.3358	5.1976	1.2441	8.754	1.7194	11.5057	1.66919
13800	1.4189	3.3592	5.2012	1.2449	8.804	1.7252	11.5152	1.67290
13900	1.4377	3.3826	5.2047	1.2468	8.857	1.7310	11.5249	1.67662
14000	1.4561	3.4055	5.2081	1.2495	8.913	1.7368	11.5337	1.68020
14100	1.4743	3.4283	5.2115	1.2510	8.966	1.7427	11.5428	1.68384
14200	1.4922	3.4508	5.2149	1.2523	9.017	1.7485	11.5516	1.68743
14300	1.5100	3.4730	5.2183	1.2544	9.072	1.7544	11.5601	1.69093
14400	1.5275	3.4950	5.2216	1.2564	9.126	1.7602	11.5684	1.69441
14500	1.5448	3.5167	5.2249	1.2583	9.179	1.7660	11.5764	1.69784
14600	1.5618	3.5382	5.2282	1.2598	9.231	1.7718	11.5844	1.70123
14700	1.5788	3.5596	5.2315	1.2609	9.283	1.7778	11.5928	1.70467
14800	1.5954	3.5806	5.2347	1.2627	9.336	1.7836	11.6002	1.70798
14900	1.6120	3.6015	5.2380	1.2636	9.386	1.7895	11.6083	1.71135
15000	1.6284	3.6222	5.2412	1.2638	9.434	1.7954	11.6161	1.71467

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
500	-6.9296	-6.6670	3.2450	1.3866	1.346	1.0000	3.5156	1.00000
600	-6.7248	-6.3830	3.3251	1.3818	1.472	1.0000	3.5232	1.00000
700	-6.5468	-6.1381	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.3879	-5.9212	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-6.2437	-5.7259	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.1112	-5.5474	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-5.9888	-5.3837	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.8749	-5.2320	3.6453	1.3290	2.042	1.0000	3.6823	1.00000

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-5.7683	-5.0906	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-5.6681	-4.9582	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.5737	-4.8338	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-5.4844	-4.7165	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.3997	-4.6054	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.3192	-4.5001	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-5.2425	-4.3999	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-5.1635	-4.2990	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.0929	-4.2071	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-5.0251	-4.1191	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-4.9600	-4.0347	3.9591	1.2958	2.792	1.0000	3.9568	1.00000
2400	-4.8974	-3.9536	3.9795	1.2944	2.850	1.0000	3.9745	1.00000
2500	-4.8370	-3.8754	3.9992	1.2929	2.907	1.0000	3.9924	1.00001
2600	-4.7786	-3.8001	4.0180	1.2907	2.962	1.0000	4.0090	1.00003
2700	-4.7220	-3.7270	4.0362	1.2879	3.016	1.0001	4.0252	1.00005
2800	-4.6667	-3.6559	4.0538	1.2842	3.067	1.0001	4.0427	1.00012
2900	-4.6125	-3.5864	4.0710	1.2788	3.114	1.0002	4.0605	1.00022
3000	-4.5588	-3.5179	4.0878	1.2711	3.158	1.0004	4.0799	1.00040
3100	-4.5049	-3.4497	4.1045	1.2610	3.198	1.0007	4.1034	1.00068
3200	-4.4502	-3.3809	4.1212	1.2482	3.234	1.0011	4.1309	1.00113
3300	-4.3936	-3.3107	4.1382	1.2330	3.265	1.0018	4.1653	1.00181
3400	-4.3341	-3.2378	4.1557	1.2165	3.293	1.0028	4.2090	1.00281
3500	-4.2708	-3.1613	4.1737	1.1996	3.320	1.0042	4.2625	1.00419
3600	-4.2026	-3.0801	4.1928	1.1833	3.348	1.0061	4.3296	1.00606
3700	-4.1290	-2.9935	4.2127	1.1684	3.377	1.0085	4.4102	1.00849
3800	-4.0492	-2.9008	4.2337	1.1557	3.408	1.0116	4.5075	1.01155
3900	-3.9634	-2.8022	4.2556	1.1452	3.444	1.0153	4.6192	1.01528
4000	-3.8718	-2.6977	4.2783	1.1366	3.482	1.0197	4.7449	1.01969
4100	-3.7749	-2.5879	4.3016	1.1300	3.523	1.0248	4.8845	1.02476
4200	-3.6736	-2.4737	4.3253	1.1248	3.568	1.0305	5.0351	1.03047
4300	-3.5686	-2.3558	4.3491	1.1209	3.615	1.0368	5.1960	1.03678
4400	-3.4610	-2.2354	4.3728	1.1180	3.664	1.0436	5.3625	1.04360
4500	-3.3514	-2.1131	4.3964	1.1160	3.715	1.0509	5.5355	1.05089
4600	-3.2411	-1.9900	4.4194	1.1146	3.767	1.0586	5.7106	1.05859
4700	-3.1304	-1.8667	4.4420	1.1137	3.821	1.0666	5.8874	1.06663
4800	-3.0199	-1.7436	4.4641	1.1132	3.876	1.0750	6.0648	1.07496
4900	-2.9101	-1.6215	4.4855	1.1131	3.931	1.0836	6.2418	1.08355
5000	-2.8017	-1.5008	4.5063	1.1141	3.989	1.0923	6.4163	1.09233
5100	-2.6953	-1.3822	4.5264	1.1144	4.046	1.1015	6.5891	1.10149
5200	-2.5900	-1.2649	4.5458	1.1142	4.102	1.1106	6.7577	1.11057
5300	-2.4866	-1.1496	4.5646	1.1148	4.159	1.1197	6.9228	1.11973
5400	-2.3852	-1.0365	4.5827	1.1156	4.217	1.1290	7.0844	1.12897
5500	-2.2858	-0.9256	4.6002	1.1165	4.275	1.1383	7.2419	1.13827
5600	-2.1886	-0.8170	4.6172	1.1175	4.334	1.1476	7.3955	1.14760
5700	-2.0935	-0.7107	4.6335	1.1186	4.392	1.1570	7.5446	1.15697
5800	-2.0007	-0.6068	4.6493	1.1196	4.450	1.1664	7.6897	1.16635
5900	-1.9100	-0.5052	4.6646	1.1209	4.509	1.1758	7.8302	1.17573
6000	-1.8215	-0.4059	4.6794	1.1221	4.568	1.1851	7.9669	1.18510
6100	-1.7353	-0.3092	4.6937	1.1235	4.627	1.1945	8.0986	1.19443
6200	-1.6513	-0.2148	4.7076	1.1248	4.685	1.2038	8.2261	1.20373
6300	-1.5694	-0.1226	4.7210	1.1261	4.744	1.2130	8.3498	1.21298
6400	-1.4895	-0.0326	4.7340	1.1274	4.802	1.2222	8.4692	1.22217
6500	-1.4116	0.0553	4.7467	1.1286	4.860	1.2314	8.5850	1.23131
6600	-1.3356	0.1411	4.7589	1.1299	4.918	1.2405	8.6968	1.24039
6700	-1.2615	0.2249	4.7708	1.1313	4.976	1.2495	8.8051	1.24940

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	-1.1892	0.3067	4.7824	1.1327	5.035	1.2585	8.9098	1.25834
6900	-1.1188	0.3866	4.7936	1.1341	5.093	1.2673	9.0107	1.26721
7000	-1.0501	0.4645	4.8045	1.1355	5.150	1.2762	9.1084	1.27601
7100	-0.9831	0.5407	4.8152	1.1370	5.208	1.2849	9.2028	1.28474
7200	-0.9178	0.6150	4.8255	1.1385	5.266	1.2936	9.2936	1.29338
7300	-0.8540	0.6876	4.8356	1.1399	5.323	1.3022	9.3815	1.30195
7400	-0.7918	0.7585	4.8454	1.1413	5.380	1.3107	9.4663	1.31044
7500	-0.7312	0.8278	4.8550	1.1428	5.438	1.3192	9.5481	1.31884
7600	-0.6720	0.8955	4.8643	1.1443	5.495	1.3276	9.6269	1.32716
7700	-0.6141	0.9617	4.8734	1.1456	5.551	1.3358	9.7033	1.33539
7800	-0.5577	1.0264	4.8823	1.1470	5.608	1.3440	9.7768	1.34353
7900	-0.5025	1.0897	4.8910	1.1483	5.664	1.3522	9.8478	1.35158
8000	-0.4486	1.1517	4.8995	1.1496	5.720	1.3602	9.9165	1.35954
8100	-0.3959	1.2123	4.9077	1.1511	5.776	1.3681	9.9830	1.36739
8200	-0.3444	1.2717	4.9159	1.1523	5.831	1.3760	10.0472	1.37516
8300	-0.2940	1.3298	4.9238	1.1536	5.886	1.3838	10.1093	1.38282
8400	-0.2446	1.3867	4.9316	1.1549	5.941	1.3915	10.1695	1.39041
8500	-0.1963	1.4425	4.9392	1.1563	5.997	1.3991	10.2278	1.39789
8600	-0.1491	1.4972	4.9467	1.1576	6.052	1.4067	10.2841	1.40530
8700	-0.1029	1.5507	4.9540	1.1589	6.106	1.4141	10.3384	1.41260
8800	-0.0576	1.6032	4.9612	1.1604	6.161	1.4215	10.3912	1.41983
8900	-0.0133	1.6547	4.9682	1.1618	6.216	1.4289	10.4423	1.42697
9000	0.0301	1.7051	4.9751	1.1633	6.270	1.4361	10.4916	1.43402
9100	0.0726	1.7546	4.9819	1.1648	6.325	1.4433	10.5393	1.44099
9200	0.1142	1.8031	4.9885	1.1662	6.379	1.4504	10.5853	1.44787
9300	0.1550	1.8506	4.9950	1.1676	6.433	1.4575	10.6299	1.45467
9400	0.1949	1.8973	5.0014	1.1691	6.487	1.4645	10.6729	1.46139
9500	0.2340	1.9431	5.0077	1.1708	6.542	1.4714	10.7146	1.46805
9600	0.2724	1.9880	5.0139	1.1724	6.596	1.4783	10.7547	1.47463
9700	0.3100	2.0321	5.0199	1.1739	6.650	1.4852	10.7937	1.48115
9800	0.3469	2.0754	5.0259	1.1754	6.704	1.4920	10.8314	1.48757
9900	0.3830	2.1180	5.0318	1.1768	6.757	1.4987	10.8678	1.49391
10000	0.4185	2.1597	5.0375	1.1780	6.810	1.5054	10.9027	1.50015
10100	0.4532	2.2007	5.0432	1.1761	6.853	1.5120	10.9364	1.50628
10200	0.4893	2.2430	5.0492	1.1776	6.907	1.5189	10.9797	1.51270
10300	0.5228	2.2826	5.0547	1.1828	6.971	1.5254	11.0112	1.51871
10400	0.5556	2.3215	5.0601	1.1846	7.025	1.5319	11.0414	1.52461
10500	0.5877	2.3595	5.0654	1.1860	7.078	1.5382	11.0704	1.53041
10600	0.6194	2.3972	5.0706	1.1875	7.130	1.5446	11.0987	1.53617
10700	0.6504	2.4340	5.0757	1.1892	7.184	1.5509	11.1259	1.54185
10800	0.6809	2.4702	5.0808	1.1905	7.236	1.5571	11.1514	1.54739
10900	0.7109	2.5060	5.0858	1.1924	7.289	1.5634	11.1771	1.55293
11000	0.7403	2.5411	5.0907	1.1941	7.342	1.5696	11.2014	1.55836
11100	0.7691	2.5755	5.0955	1.1958	7.395	1.5757	11.2247	1.56371
11200	0.7976	2.6095	5.1003	1.1975	7.448	1.5819	11.2479	1.56904
11300	0.8253	2.6427	5.1050	1.1993	7.501	1.5878	11.2689	1.57419
11400	0.8526	2.6756	5.1096	1.2006	7.553	1.5939	11.2899	1.57933
11500	0.8797	2.7081	5.1142	1.2024	7.606	1.5999	11.3105	1.58445
11600	0.9060	2.7398	5.1187	1.2043	7.659	1.6059	11.3295	1.58940
11700	0.9321	2.7712	5.1231	1.2059	7.711	1.6118	11.3483	1.59433
11800	0.9576	2.8020	5.1275	1.2077	7.764	1.6177	11.3664	1.59919
11900	0.9829	2.8325	5.1319	1.2096	7.818	1.6237	11.3845	1.60404
12000	1.0075	2.8623	5.1361	1.2116	7.871	1.6295	11.4008	1.60873
12100	1.0319	2.8919	5.1403	1.2130	7.923	1.6354	11.4171	1.61340
12200	1.0558	2.9209	5.1445	1.2146	7.975	1.6412	11.4326	1.61800

S/R= 40.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12300	1.0795	2.9497	5.1486	1.2165	8.028	1.6471	11.4481	1.62260
12400	1.1026	2.9778	5.1527	1.2186	8.081	1.6529	11.4621	1.62703
12500	1.1255	3.0057	5.1567	1.2201	8.133	1.6587	11.4764	1.63146
12600	1.1479	3.0332	5.1607	1.2226	8.188	1.6645	11.4898	1.63583
12700	1.1700	3.0602	5.1646	1.2247	8.242	1.6703	11.5029	1.64013
12800	1.1917	3.0868	5.1685	1.2259	8.293	1.6760	11.5150	1.64434
12900	1.2133	3.1132	5.1723	1.2275	8.345	1.6818	11.5274	1.64855
13000	1.2344	3.1392	5.1761	1.2294	8.398	1.6875	11.5394	1.65272
13100	1.2552	3.1648	5.1799	1.2312	8.451	1.6933	11.5505	1.65680
13200	1.2758	3.1901	5.1836	1.2336	8.505	1.6990	11.5612	1.66080
13300	1.2959	3.2150	5.1872	1.2352	8.557	1.7047	11.5715	1.66477
13400	1.3159	3.2398	5.1909	1.2372	8.611	1.7104	11.5820	1.66873
13500	1.3354	3.2639	5.1945	1.2393	8.665	1.7161	11.5914	1.67255
13600	1.3549	3.2880	5.1980	1.2407	8.716	1.7218	11.6009	1.67639
13700	1.3740	3.3117	5.2016	1.2431	8.771	1.7275	11.6103	1.68019
13800	1.3928	3.3351	5.2051	1.2440	8.821	1.7332	11.6193	1.68392
13900	1.4116	3.3585	5.2085	1.2455	8.873	1.7390	11.6283	1.68766
14000	1.4298	3.3813	5.2120	1.2481	8.928	1.7447	11.6366	1.69127
14100	1.4480	3.4040	5.2154	1.2494	8.980	1.7504	11.6450	1.69493
14200	1.4659	3.4264	5.2187	1.2506	9.031	1.7561	11.6533	1.69854
14300	1.4837	3.4486	5.2221	1.2527	9.085	1.7619	11.6610	1.70207
14400	1.5011	3.4705	5.2254	1.2547	9.138	1.7676	11.6687	1.70557
14500	1.5184	3.4921	5.2287	1.2565	9.191	1.7732	11.6761	1.70903
14600	1.5354	3.5135	5.2319	1.2579	9.243	1.7789	11.6833	1.71244
14700	1.5523	3.5348	5.2352	1.2591	9.294	1.7847	11.6911	1.71590
14800	1.5689	3.5557	5.2384	1.2611	9.348	1.7904	11.6979	1.71923
14900	1.5854	3.5766	5.2416	1.2621	9.398	1.7962	11.7055	1.72263
15000	1.6018	3.5973	5.2448	1.2622	9.445	1.8019	11.7127	1.72597

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	-6.8116	-6.4699	3.3251	1.3761	1.469	1.0000	3.5232	1.00000
700	-6.6336	-6.2249	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.4748	-6.0081	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-6.3306	-5.8127	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.1980	-5.6342	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.0757	-5.4705	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-5.9618	-5.3188	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.8552	-5.1775	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-5.7550	-5.0451	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.6605	-4.9207	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-5.5712	-4.8033	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.4865	-4.6923	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.4060	-4.5870	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-5.3293	-4.4868	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-5.2505	-4.3858	3.8910	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.1793	-4.2939	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.1120	-4.2060	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-5.0469	-4.1216	3.9591	1.2957	2.792	1.0000	3.9568	1.00000
2400	-4.9842	-4.0404	3.9795	1.2943	2.850	1.0000	3.9746	1.00001
2500	-4.9238	-3.9623	3.9992	1.2928	2.907	1.0000	3.9925	1.00001
2600	-4.8654	-3.8868	4.0180	1.2905	2.962	1.0000	4.0091	1.00003
2700	-4.8087	-3.8137	4.0362	1.2875	3.015	1.0001	4.0255	1.00006
2800	-4.7533	-3.7425	4.0539	1.2836	3.066	1.0001	4.0432	1.00013

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2900	-4.6990	-3.6729	4.0711	1.2777	3.113	1.0002	4.0614	1.00024
3000	-4.6450	-3.6040	4.0879	1.2693	3.156	1.0004	4.0815	1.00044
3100	-4.5906	-3.5353	4.1048	1.2585	3.195	1.0007	4.1061	1.00075
3200	-4.5351	-3.4658	4.1216	1.2449	3.230	1.0013	4.1351	1.00125
3300	-4.4775	-3.3945	4.1388	1.2290	3.260	1.0020	4.1718	1.00200
3400	-4.4167	-3.3203	4.1567	1.2118	3.288	1.0031	4.2186	1.00309
3500	-4.3516	-3.2419	4.1751	1.1946	3.314	1.0046	4.2760	1.00460
3600	-4.2812	-3.1584	4.1946	1.1783	3.342	1.0066	4.3481	1.00663
3700	-4.2049	-3.0691	4.2151	1.1637	3.371	1.0093	4.4346	1.00926
3800	-4.1222	-2.9734	4.2367	1.1514	3.404	1.0126	4.5384	1.01256
3900	-4.0332	-2.8714	4.2592	1.1414	3.440	1.0165	4.6571	1.01655
4000	-3.9384	-2.7636	4.2824	1.1332	3.479	1.0212	4.7902	1.02124
4100	-3.8381	-2.6504	4.3063	1.1270	3.522	1.0266	4.9371	1.02661
4200	-3.7336	-2.5328	4.3304	1.1222	3.568	1.0326	5.0947	1.03261
4300	-3.6255	-2.4117	4.3547	1.1186	3.616	1.0392	5.2624	1.03922
4400	-3.5150	-2.2883	4.3787	1.1161	3.666	1.0463	5.4352	1.04633
4500	-3.4028	-2.1632	4.4025	1.1143	3.717	1.0539	5.6140	1.05391
4600	-3.2900	-2.0376	4.4258	1.1131	3.771	1.0619	5.7944	1.06188
4700	-3.1771	-1.9119	4.4485	1.1124	3.825	1.0702	5.9760	1.07017
4800	-3.0646	-1.7868	4.4707	1.1121	3.880	1.0788	6.1577	1.07876
4900	-2.9530	-1.6628	4.4922	1.1121	3.937	1.0876	6.3386	1.08759
5000	-2.8429	-1.5403	4.5130	1.1131	3.995	1.0966	6.5164	1.09659
5100	-2.7350	-1.4201	4.5332	1.1136	4.053	1.1060	6.6927	1.10597
5200	-2.6284	-1.3014	4.5526	1.1135	4.109	1.1153	6.8640	1.11526
5300	-2.5238	-1.1849	4.5713	1.1141	4.167	1.1246	7.0317	1.12462
5400	-2.4213	-1.0706	4.5895	1.1150	4.226	1.1340	7.1955	1.13405
5500	-2.3209	-0.9587	4.6069	1.1159	4.284	1.1435	7.3550	1.14353
5600	-2.2228	-0.8491	4.6238	1.1169	4.343	1.1530	7.5104	1.15304
5700	-2.1269	-0.7420	4.6402	1.1180	4.402	1.1626	7.6611	1.16257
5800	-2.0333	-0.6373	4.6559	1.1192	4.461	1.1721	7.8077	1.17212
5900	-1.9419	-0.5350	4.6712	1.1204	4.520	1.1817	7.9496	1.18166
6000	-1.8528	-0.4350	4.6860	1.1217	4.579	1.1912	8.0872	1.19118
6100	-1.7660	-0.3377	4.7002	1.1231	4.638	1.2007	8.2201	1.20065
6200	-1.6815	-0.2427	4.7140	1.1244	4.697	1.2101	8.3486	1.21009
6300	-1.5991	-0.1499	4.7274	1.1257	4.756	1.2195	8.4732	1.21948
6400	-1.5188	-0.0595	4.7403	1.1271	4.815	1.2289	8.5933	1.22881
6500	-1.4405	0.0288	4.7529	1.1283	4.873	1.2381	8.7096	1.23808
6600	-1.3641	0.1151	4.7651	1.1297	4.931	1.2474	8.8221	1.24728
6700	-1.2896	0.1992	4.7770	1.1310	4.990	1.2565	8.9308	1.25641
6800	-1.2171	0.2813	4.7885	1.1324	5.048	1.2656	9.0360	1.26548
6900	-1.1463	0.3615	4.7997	1.1339	5.107	1.2746	9.1374	1.27446
7000	-1.0773	0.4398	4.8106	1.1353	5.165	1.2835	9.2354	1.28337
7100	-1.0101	0.5162	4.8211	1.1368	5.223	1.2924	9.3301	1.29221
7200	-0.9445	0.5907	4.8314	1.1383	5.281	1.3012	9.4211	1.30095
7300	-0.8806	0.6635	4.8415	1.1397	5.338	1.3099	9.5091	1.30963
7400	-0.8182	0.7347	4.8512	1.1412	5.396	1.3185	9.5942	1.31822
7500	-0.7574	0.8042	4.8608	1.1427	5.453	1.3270	9.6760	1.32672
7600	-0.6980	0.8720	4.8700	1.1441	5.511	1.3355	9.7550	1.33514
7700	-0.6401	0.9384	4.8791	1.1455	5.567	1.3439	9.8313	1.34346
7800	-0.5835	1.0033	4.8879	1.1469	5.624	1.3522	9.9049	1.35169
7900	-0.5282	1.0667	4.8966	1.1482	5.681	1.3604	9.9759	1.35983
8000	-0.4742	1.1288	4.9050	1.1495	5.737	1.3685	10.0446	1.36788
8100	-0.4213	1.1896	4.9133	1.1509	5.793	1.3765	10.1110	1.37581
8200	-0.3697	1.2490	4.9214	1.1522	5.849	1.3845	10.1752	1.38366
8300	-0.3192	1.3072	4.9293	1.1536	5.904	1.3923	10.2372	1.39141

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-0.2698	1.3642	4.9370	1.1549	5.960	1.4001	10.2972	1.39907
8500	-0.2215	1.4201	4.9446	1.1562	6.015	1.4078	10.3553	1.40663
8600	-0.1742	1.4748	4.9520	1.1576	6.070	1.4154	10.4115	1.41411
8700	-0.1279	1.5284	4.9593	1.1589	6.125	1.4229	10.4657	1.42149
8800	-0.0826	1.5810	4.9664	1.1604	6.180	1.4304	10.5182	1.42879
8900	-0.0382	1.6325	4.9734	1.1618	6.235	1.4378	10.5690	1.43600
9000	0.0052	1.6830	4.9803	1.1632	6.290	1.4451	10.6181	1.44311
9100	0.0477	1.7324	4.9870	1.1647	6.344	1.4523	10.6655	1.45014
9200	0.0894	1.7810	4.9936	1.1661	6.399	1.4595	10.7112	1.45709
9300	0.1302	1.8286	5.0001	1.1676	6.453	1.4666	10.7554	1.46396
9400	0.1701	1.8753	5.0065	1.1690	6.507	1.4737	10.7983	1.47074
9500	0.2093	1.9211	5.0127	1.1707	6.562	1.4807	10.8396	1.47745
9600	0.2476	1.9660	5.0189	1.1724	6.617	1.4876	10.8796	1.48409
9700	0.2852	2.0101	5.0249	1.1738	6.671	1.4945	10.9181	1.49066
9800	0.3221	2.0534	5.0309	1.1753	6.725	1.5014	10.9554	1.49714
9900	0.3582	2.0959	5.0367	1.1767	6.778	1.5081	10.9915	1.50353
10000	0.3937	2.1377	5.0424	1.1780	6.831	1.5148	11.0261	1.50982
10100	0.4285	2.1786	5.0481	1.1761	6.874	1.5214	11.0593	1.51600
10200	0.4645	2.2209	5.0540	1.1775	6.928	1.5284	11.1021	1.52247
10300	0.4980	2.2605	5.0595	1.1827	6.993	1.5349	11.1333	1.52853
10400	0.5308	2.2993	5.0648	1.1845	7.047	1.5414	11.1631	1.53448
10500	0.5629	2.3374	5.0701	1.1859	7.099	1.5478	11.1916	1.54033
10600	0.5946	2.3750	5.0753	1.1874	7.152	1.5541	11.2195	1.54613
10700	0.6255	2.4118	5.0804	1.1890	7.205	1.5604	11.2463	1.55185
10800	0.6560	2.4479	5.0854	1.1904	7.258	1.5667	11.2714	1.55743
10900	0.6859	2.4837	5.0904	1.1922	7.311	1.5729	11.2965	1.56301
11000	0.7153	2.5187	5.0953	1.1939	7.364	1.5791	11.3203	1.56848
11100	0.7441	2.5531	5.1001	1.1956	7.417	1.5852	11.3431	1.57387
11200	0.7725	2.5871	5.1048	1.1974	7.471	1.5914	11.3658	1.57924
11300	0.8002	2.6202	5.1095	1.1992	7.524	1.5974	11.3864	1.58442
11400	0.8275	2.6530	5.1141	1.2003	7.574	1.6034	11.4068	1.58960
11500	0.8545	2.6855	5.1186	1.2021	7.628	1.6094	11.4271	1.59475
11600	0.8808	2.7171	5.1231	1.2040	7.681	1.6153	11.4455	1.59974
11700	0.9068	2.7485	5.1275	1.2055	7.733	1.6213	11.4637	1.60471
11800	0.9323	2.7792	5.1319	1.2073	7.786	1.6272	11.4813	1.60960
11900	0.9576	2.8097	5.1362	1.2093	7.839	1.6331	11.4989	1.61448
12000	0.9821	2.8394	5.1404	1.2113	7.893	1.6389	11.5146	1.61919
12100	1.0064	2.8689	5.1446	1.2127	7.944	1.6447	11.5304	1.62390
12200	1.0303	2.8979	5.1488	1.2141	7.996	1.6505	11.5454	1.62852
12300	1.0540	2.9266	5.1529	1.2159	8.049	1.6564	11.5604	1.63316
12400	1.0770	2.9547	5.1569	1.2180	8.102	1.6621	11.5738	1.63762
12500	1.0999	2.9825	5.1609	1.2195	8.154	1.6678	11.5874	1.64208
12600	1.1223	3.0099	5.1648	1.2219	8.208	1.6736	11.6003	1.64647
12700	1.1443	3.0368	5.1687	1.2241	8.262	1.6793	11.6128	1.65080
12800	1.1660	3.0634	5.1726	1.2253	8.313	1.6849	11.6244	1.65504
12900	1.1875	3.0897	5.1764	1.2270	8.365	1.6907	11.6362	1.65927
13000	1.2086	3.1156	5.1802	1.2287	8.418	1.6964	11.6476	1.66347
13100	1.2294	3.1412	5.1839	1.2303	8.469	1.7020	11.6582	1.66757
13200	1.2498	3.1664	5.1876	1.2327	8.524	1.7076	11.6683	1.67160
13300	1.2699	3.1912	5.1912	1.2342	8.576	1.7133	11.6780	1.67559
13400	1.2900	3.2159	5.1948	1.2361	8.629	1.7189	11.6879	1.67957
13500	1.3094	3.2400	5.1984	1.2382	8.682	1.7245	11.6966	1.68342
13600	1.3288	3.2640	5.2019	1.2397	8.734	1.7301	11.7057	1.68728
13700	1.3479	3.2877	5.2054	1.2419	8.788	1.7358	11.7144	1.69110
13800	1.3666	3.3110	5.2089	1.2429	8.838	1.7414	11.7227	1.69486

S/R= 40.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	1.3853	3.3343	5.2124	1.2447	8.890	1.7470	11.7313	1.69862
14000	1.4036	3.3570	5.2158	1.2469	8.944	1.7526	11.7389	1.70225
14100	1.4217	3.3796	5.2191	1.2479	8.995	1.7582	11.7467	1.70594
14200	1.4396	3.4020	5.2225	1.2491	9.045	1.7638	11.7544	1.70957
14300	1.4573	3.4241	5.2258	1.2512	9.099	1.7694	11.7615	1.71312
14400	1.4747	3.4459	5.2291	1.2530	9.152	1.7750	11.7685	1.71664
14500	1.4919	3.4674	5.2323	1.2548	9.204	1.7806	11.7752	1.72012
14600	1.5089	3.4887	5.2356	1.2562	9.255	1.7861	11.7818	1.72355
14700	1.5258	3.5100	5.2388	1.2572	9.306	1.7918	11.7889	1.72703
14800	1.5424	3.5308	5.2420	1.2593	9.359	1.7973	11.7951	1.73038
14900	1.5589	3.5516	5.2451	1.2603	9.409	1.8029	11.8020	1.73380
15000	1.5752	3.5722	5.2483	1.2605	9.456	1.8085	11.8086	1.73716

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	-6.8985	-6.5567	3.3251	1.3762	1.469	1.0000	3.5232	1.00000
700	-6.7205	-6.3118	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.5616	-6.0950	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-6.4174	-5.8996	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.2849	-5.7211	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.1626	-5.5574	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.0487	-5.4057	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-5.9420	-5.2643	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-5.8419	-5.1319	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.7474	-5.0075	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-5.6581	-4.8902	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.5734	-4.7792	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.4929	-4.6738	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-5.4162	-4.5737	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-5.3373	-4.4727	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.2666	-4.3808	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.1989	-4.2928	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-5.1337	-4.2084	3.9591	1.2957	2.792	1.0000	3.9568	1.00000
2400	-5.0711	-4.1273	3.9795	1.2943	2.850	1.0000	3.9746	1.00001
2500	-5.0106	-4.0491	3.9992	1.2926	2.907	1.0000	3.9926	1.00002
2600	-4.9522	-3.9736	4.0180	1.2903	2.962	1.0000	4.0093	1.00004
2700	-4.8954	-3.9004	4.0362	1.2871	3.015	1.0001	4.0258	1.00007
2800	-4.8400	-3.8291	4.0539	1.2829	3.065	1.0001	4.0438	1.00014
2900	-4.7854	-3.7593	4.0712	1.2764	3.112	1.0003	4.0624	1.00026
3000	-4.7310	-3.6901	4.0881	1.2674	3.154	1.0005	4.0833	1.00048
3100	-4.6762	-3.6209	4.1051	1.2558	3.192	1.0008	4.1090	1.00083
3200	-4.6199	-3.5505	4.1221	1.2413	3.225	1.0014	4.1398	1.00138
3300	-4.5612	-3.4781	4.1396	1.2247	3.254	1.0022	4.1789	1.00221
3400	-4.4989	-3.4023	4.1577	1.2071	3.282	1.0034	4.2291	1.00339
3500	-4.4318	-3.3220	4.1766	1.1895	3.308	1.0050	4.2908	1.00504
3600	-4.3591	-3.2360	4.1966	1.1733	3.335	1.0072	4.3682	1.00725
3700	-4.2800	-3.1439	4.2176	1.1590	3.366	1.0101	4.4608	1.01009
3800	-4.1942	-3.0450	4.2398	1.1472	3.399	1.0136	4.5714	1.01364
3900	-4.1020	-2.9396	4.2629	1.1376	3.437	1.0179	4.6975	1.01790
4000	-4.0037	-2.8282	4.2867	1.1300	3.477	1.0229	4.8380	1.02287
4100	-3.9001	-2.7115	4.3111	1.1242	3.521	1.0285	4.9923	1.02855
4200	-3.7924	-2.5906	4.3357	1.1198	3.568	1.0349	5.1571	1.03485
4300	-3.6812	-2.4663	4.3603	1.1166	3.617	1.0418	5.3315	1.04177
4400	-3.5679	-2.3400	4.3846	1.1143	3.668	1.0492	5.5105	1.04917

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-3.4531	-2.2122	4.4087	1.1127	3.720	1.0570	5.6951	1.05703
4600	-3.3378	-2.0840	4.4322	1.1117	3.774	1.0653	5.8806	1.06526
4700	-3.2228	-1.9561	4.4551	1.1112	3.829	1.0738	6.0669	1.07382
4800	-3.1083	-1.8290	4.4773	1.1110	3.886	1.0827	6.2529	1.08265
4900	-2.9950	-1.7031	4.4989	1.1111	3.942	1.0917	6.4376	1.09171
5000	-2.8833	-1.5789	4.5197	1.1121	4.001	1.1009	6.6187	1.10094
5100	-2.7739	-1.4572	4.5400	1.1127	4.060	1.1105	6.7981	1.11054
5200	-2.6660	-1.3372	4.5594	1.1128	4.117	1.1200	6.9721	1.12003
5300	-2.5602	-1.2194	4.5781	1.1135	4.175	1.1296	7.1422	1.12958
5400	-2.4566	-1.1040	4.5962	1.1144	4.234	1.1392	7.3081	1.13920
5500	-2.3553	-0.9911	4.6137	1.1154	4.293	1.1489	7.4697	1.14886
5600	-2.2563	-0.8806	4.6305	1.1164	4.352	1.1585	7.6266	1.15854
5700	-2.1596	-0.7726	4.6468	1.1176	4.411	1.1683	7.7791	1.16824
5800	-2.0653	-0.6671	4.6625	1.1187	4.471	1.1780	7.9269	1.17795
5900	-1.9732	-0.5641	4.6777	1.1200	4.530	1.1877	8.0701	1.18764
6000	-1.8835	-0.4635	4.6924	1.1213	4.590	1.1973	8.2088	1.19731
6100	-1.7962	-0.3656	4.7066	1.1227	4.649	1.2070	8.3428	1.20694
6200	-1.7112	-0.2701	4.7204	1.1241	4.709	1.2165	8.4721	1.21651
6300	-1.6283	-0.1768	4.7337	1.1254	4.768	1.2261	8.5974	1.22604
6400	-1.5475	-0.0859	4.7466	1.1268	4.827	1.2355	8.7183	1.23549
6500	-1.4689	0.0028	4.7591	1.1280	4.886	1.2450	8.8352	1.24489
6600	-1.3921	0.0894	4.7713	1.1294	4.945	1.2543	8.9483	1.25422
6700	-1.3174	0.1739	4.7831	1.1308	5.003	1.2636	9.0575	1.26347
6800	-1.2445	0.2564	4.7945	1.1322	5.062	1.2728	9.1630	1.27265
6900	-1.1734	0.3369	4.8057	1.1337	5.121	1.2819	9.2649	1.28175
7000	-1.1042	0.4154	4.8165	1.1351	5.179	1.2909	9.3630	1.29077
7100	-1.0367	0.4920	4.8271	1.1366	5.237	1.2999	9.4579	1.29972
7200	-0.9710	0.5668	4.8373	1.1381	5.296	1.3088	9.5494	1.30857
7300	-0.9069	0.6398	4.8473	1.1395	5.354	1.3176	9.6374	1.31735
7400	-0.8443	0.7112	4.8570	1.1410	5.411	1.3263	9.7226	1.32604
7500	-0.7833	0.7809	4.8665	1.1425	5.469	1.3350	9.8047	1.33464
7600	-0.7238	0.8489	4.8757	1.1440	5.527	1.3435	9.8837	1.34315
7700	-0.6657	0.9154	4.8847	1.1454	5.584	1.3520	9.9600	1.35156
7800	-0.6089	0.9804	4.8936	1.1468	5.641	1.3604	10.0336	1.35989
7900	-0.5535	1.0440	4.9021	1.1481	5.698	1.3686	10.1046	1.36812
8000	-0.4994	1.1062	4.9105	1.1494	5.754	1.3768	10.1732	1.37624
8100	-0.4465	1.1670	4.9188	1.1509	5.810	1.3849	10.2395	1.38426
8200	-0.3947	1.2266	4.9268	1.1521	5.866	1.3930	10.3036	1.39219
8300	-0.3442	1.2849	4.9347	1.1535	5.922	1.4009	10.3655	1.40002
8400	-0.2947	1.3420	4.9424	1.1548	5.978	1.4087	10.4252	1.40775
8500	-0.2463	1.3979	4.9499	1.1562	6.033	1.4165	10.4832	1.41539
8600	-0.1989	1.4527	4.9573	1.1575	6.089	1.4242	10.5392	1.42294
8700	-0.1526	1.5064	4.9645	1.1588	6.144	1.4318	10.5931	1.43039
8800	-0.1073	1.5589	4.9716	1.1604	6.199	1.4393	10.6454	1.43776
8900	-0.0629	1.6105	4.9786	1.1617	6.254	1.4467	10.6960	1.44503
9000	-0.0194	1.6610	4.9854	1.1632	6.309	1.4541	10.7448	1.45222
9100	0.0231	1.7105	4.9921	1.1647	6.364	1.4614	10.7920	1.45931
9200	0.0648	1.7591	4.9987	1.1661	6.419	1.4686	10.8374	1.46632
9300	0.1056	1.8067	5.0052	1.1676	6.473	1.4758	10.8813	1.47325
9400	0.1455	1.8534	5.0115	1.1690	6.528	1.4829	10.9238	1.48009
9500	0.1847	1.8992	5.0177	1.1707	6.583	1.4899	10.9648	1.48686
9600	0.2231	1.9441	5.0238	1.1724	6.637	1.4969	11.0044	1.49356
9700	0.2607	1.9882	5.0298	1.1737	6.691	1.5038	11.0426	1.50017
9800	0.2975	2.0315	5.0357	1.1753	6.745	1.5107	11.0795	1.50671
9900	0.3336	2.0740	5.0415	1.1767	6.799	1.5175	11.1151	1.51315

S/R= 40.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10000	0.3691	2.1157	5.0473	1.1780	6.852	1.5242	11.1494	1.51950
10100	0.4038	2.1567	5.0529	1.1761	6.896	1.5309	11.1822	1.52572
10200	0.4399	2.1990	5.0588	1.1775	6.950	1.5378	11.2246	1.53224
10300	0.4733	2.2385	5.0642	1.1827	7.014	1.5444	11.2553	1.53835
10400	0.5061	2.2773	5.0695	1.1845	7.068	1.5509	11.2847	1.54434
10500	0.5381	2.3153	5.0748	1.1859	7.121	1.5573	11.3128	1.55023
10600	0.5698	2.3528	5.0799	1.1874	7.174	1.5637	11.3402	1.55607
10700	0.6008	2.3896	5.0850	1.1890	7.227	1.5700	11.3665	1.56183
10800	0.6311	2.4258	5.0900	1.1903	7.279	1.5762	11.3911	1.56746
10900	0.6611	2.4614	5.0949	1.1921	7.333	1.5825	11.4157	1.57308
11000	0.6904	2.4964	5.0998	1.1938	7.386	1.5887	11.4391	1.57859
11100	0.7192	2.5308	5.1046	1.1955	7.439	1.5948	11.4614	1.58401
11200	0.7475	2.5647	5.1093	1.1972	7.492	1.6009	11.4836	1.58942
11300	0.7751	2.5978	5.1139	1.1992	7.546	1.6069	11.5036	1.59463
11400	0.8024	2.6305	5.1185	1.2001	7.596	1.6129	11.5236	1.59984
11500	0.8294	2.6629	5.1230	1.2018	7.649	1.6189	11.5432	1.60503
11600	0.8556	2.6945	5.1275	1.2037	7.702	1.6248	11.5612	1.61005
11700	0.8816	2.7258	5.1319	1.2052	7.754	1.6307	11.5788	1.61504
11800	0.9071	2.7565	5.1362	1.2070	7.807	1.6366	11.5958	1.61997
11900	0.9323	2.7869	5.1405	1.2090	7.861	1.6425	11.6129	1.62488
12000	0.9568	2.8166	5.1447	1.2110	7.914	1.6483	11.6281	1.62962
12100	0.9811	2.8460	5.1489	1.2125	7.966	1.6541	11.6433	1.63436
12200	1.0049	2.8749	5.1530	1.2138	8.017	1.6598	11.6579	1.63901
12300	1.0285	2.9036	5.1571	1.2154	8.069	1.6656	11.6722	1.64367
12400	1.0515	2.9316	5.1611	1.2175	8.123	1.6713	11.6851	1.64815
12500	1.0743	2.9593	5.1650	1.2190	8.174	1.6770	11.6982	1.65264
12600	1.0967	2.9866	5.1689	1.2213	8.229	1.6827	11.7104	1.65705
12700	1.1186	3.0135	5.1728	1.2234	8.282	1.6883	11.7223	1.66141
12800	1.1402	3.0399	5.1766	1.2246	8.333	1.6939	11.7333	1.66567
12900	1.1617	3.0662	5.1804	1.2264	8.385	1.6996	11.7446	1.66993
13000	1.1828	3.0921	5.1842	1.2283	8.438	1.7052	11.7554	1.67415
13100	1.2035	3.1176	5.1879	1.2298	8.490	1.7108	11.7654	1.67828
13200	1.2239	3.1427	5.1915	1.2318	8.543	1.7164	11.7749	1.68233
13300	1.2440	3.1674	5.1951	1.2331	8.593	1.7219	11.7839	1.68634
13400	1.2639	3.1921	5.1987	1.2352	8.647	1.7275	11.7932	1.69034
13500	1.2834	3.2161	5.2023	1.2372	8.700	1.7329	11.8013	1.69421
13600	1.3027	3.2400	5.2058	1.2386	8.751	1.7385	11.8097	1.69810
13700	1.3217	3.2636	5.2093	1.2408	8.805	1.7440	11.8178	1.70194
13800	1.3404	3.2868	5.2127	1.2418	8.855	1.7495	11.8256	1.70571
13900	1.3591	3.3100	5.2161	1.2436	8.907	1.7551	11.8335	1.70950
14000	1.3773	3.3327	5.2195	1.2460	8.962	1.7605	11.8405	1.71315
14100	1.3954	3.3552	5.2229	1.2469	9.011	1.7661	11.8478	1.71685
14200	1.4133	3.3775	5.2262	1.2477	9.060	1.7716	11.8548	1.72050
14300	1.4309	3.3995	5.2295	1.2497	9.113	1.7771	11.8614	1.72407
14400	1.4483	3.4213	5.2327	1.2516	9.166	1.7825	11.8677	1.72762
14500	1.4654	3.4428	5.2360	1.2532	9.218	1.7880	11.8738	1.73111
14600	1.4823	3.4640	5.2392	1.2546	9.268	1.7934	11.8797	1.73456
14700	1.4992	3.4852	5.2424	1.2557	9.318	1.7989	11.8862	1.73806
14800	1.5157	3.5059	5.2455	1.2575	9.371	1.8043	11.8917	1.74143
14900	1.5322	3.5266	5.2487	1.2585	9.421	1.8098	11.8980	1.74486
15000	1.5485	3.5471	5.2518	1.2589	9.468	1.8153	11.9039	1.74824

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
600	-6.9853	-6.6436	3.3251	1.3761	1.469	1.0000	3.5232	1.00000
700	-6.8073	-6.3987	3.3930	1.3709	1.584	1.0000	3.5310	1.00000
800	-6.6485	-6.1818	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-6.5043	-5.9865	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.3717	-5.8080	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.2494	-5.6443	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.1355	-5.4926	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.0289	-5.3512	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-5.9287	-5.2188	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.8343	-5.0944	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-5.7449	-4.9770	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.6602	-4.8660	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.5797	-4.7607	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-5.5030	-4.6605	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-5.4242	-4.5595	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-5.3534	-4.4676	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.2857	-4.3797	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-5.2206	-4.2952	3.9591	1.2957	2.792	1.0000	3.9568	1.00000
2400	-5.1579	-4.2141	3.9795	1.2942	2.850	1.0000	3.9746	1.00001
2500	-5.0975	-4.1359	3.9992	1.2925	2.907	1.0000	3.9927	1.00002
2600	-5.0390	-4.0604	4.0181	1.2901	2.962	1.0000	4.0095	1.00004
2700	-4.9821	-3.9871	4.0362	1.2867	3.014	1.0001	4.0261	1.00008
2800	-4.9265	-3.9157	4.0540	1.2820	3.064	1.0002	4.0444	1.00016
2900	-4.8717	-3.8456	4.0713	1.2751	3.110	1.0003	4.0636	1.00029
3000	-4.8170	-3.7761	4.0883	1.2654	3.152	1.0005	4.0853	1.00053
3100	-4.7616	-3.7062	4.1054	1.2529	3.188	1.0009	4.1123	1.00092
3200	-4.7045	-3.6351	4.1227	1.2375	3.220	1.0015	4.1449	1.00152
3300	-4.6446	-3.5614	4.1404	1.2202	3.249	1.0024	4.1868	1.00243
3400	-4.5806	-3.4839	4.1589	1.2022	3.275	1.0037	4.2405	1.00373
3500	-4.5115	-3.4014	4.1782	1.1845	3.302	1.0055	4.3069	1.00552
3600	-4.4362	-3.3129	4.1988	1.1684	3.330	1.0079	4.3899	1.00792
3700	-4.3543	-3.2177	4.2203	1.1545	3.361	1.0110	4.4890	1.01099
3800	-4.2652	-3.1155	4.2432	1.1431	3.395	1.0148	4.6068	1.01479
3900	-4.1695	-3.0066	4.2669	1.1341	3.434	1.0193	4.7404	1.01933
4000	-4.0679	-2.8916	4.2912	1.1269	3.475	1.0246	4.8886	1.02461
4100	-3.9609	-2.7714	4.3161	1.1215	3.520	1.0306	5.0503	1.03058
4200	-3.8499	-2.6472	4.3411	1.1175	3.568	1.0372	5.2222	1.03720
4300	-3.7356	-2.5197	4.3661	1.1146	3.618	1.0444	5.4033	1.04441
4400	-3.6196	-2.3904	4.3908	1.1126	3.670	1.0521	5.5886	1.05210
4500	-3.5021	-2.2599	4.4150	1.1112	3.723	1.0602	5.7787	1.06024
4600	-3.3846	-2.1293	4.4387	1.1104	3.778	1.0687	5.9693	1.06874
4700	-3.2674	-1.9992	4.4617	1.1100	3.834	1.0776	6.1601	1.07755
4800	-3.1510	-1.8701	4.4840	1.1100	3.891	1.0866	6.3502	1.08663
4900	-3.0360	-1.7424	4.5057	1.1102	3.948	1.0959	6.5385	1.09592
5000	-2.9227	-1.6167	4.5265	1.1113	4.008	1.1054	6.7229	1.10537
5100	-2.8119	-1.4934	4.5468	1.1119	4.067	1.1152	6.9053	1.11518
5200	-2.7028	-1.3720	4.5662	1.1121	4.124	1.1249	7.0819	1.12487
5300	-2.5958	-1.2531	4.5849	1.1129	4.183	1.1346	7.2544	1.13461
5400	-2.4912	-1.1366	4.6029	1.1138	4.243	1.1444	7.4222	1.14442
5500	-2.3890	-1.0227	4.6204	1.1148	4.302	1.1543	7.5858	1.15425
5600	-2.2892	-0.9114	4.6372	1.1159	4.362	1.1641	7.7442	1.16411
5700	-2.1917	-0.8026	4.6534	1.1171	4.421	1.1740	7.8983	1.17398
5800	-2.0967	-0.6964	4.6691	1.1183	4.481	1.1839	8.0473	1.18384
5900	-2.0040	-0.5926	4.6842	1.1196	4.541	1.1937	8.1919	1.19369
6000	-1.9137	-0.4915	4.6989	1.1210	4.601	1.2035	8.3316	1.20350

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6100	-1.8259	-0.3930	4.7130	1.1224	4.661	1.2133	8.4665	1.21327
6200	-1.7403	-0.2969	4.7267	1.1237	4.720	1.2230	8.5966	1.22298
6300	-1.6570	-0.2033	4.7400	1.1251	4.780	1.2327	8.7226	1.23264
6400	-1.5759	-0.1119	4.7528	1.1265	4.839	1.2423	8.8442	1.24223
6500	-1.4968	-0.0228	4.7653	1.1278	4.899	1.2518	8.9616	1.25175
6600	-1.4197	0.0642	4.7774	1.1292	4.958	1.2613	9.0753	1.26121
6700	-1.3447	0.1490	4.7892	1.1306	5.017	1.2707	9.1849	1.27058
6800	-1.2715	0.2318	4.8006	1.1320	5.076	1.2800	9.2908	1.27987
6900	-1.2002	0.3126	4.8117	1.1335	5.135	1.2892	9.3930	1.28909
7000	-1.1307	0.3914	4.8224	1.1349	5.194	1.2983	9.4914	1.29822
7100	-1.0630	0.4682	4.8329	1.1364	5.252	1.3074	9.5865	1.30727
7200	-0.9970	0.5433	4.8431	1.1379	5.311	1.3164	9.6782	1.31623
7300	-0.9327	0.6165	4.8531	1.1394	5.369	1.3253	9.7664	1.32510
7400	-0.8700	0.6880	4.8627	1.1409	5.427	1.3341	9.8516	1.33389
7500	-0.8088	0.7579	4.8722	1.1424	5.485	1.3429	9.9339	1.34259
7600	-0.7492	0.8261	4.8814	1.1439	5.543	1.3515	10.0129	1.35120
7700	-0.6909	0.8927	4.8903	1.1452	5.600	1.3601	10.0890	1.35970
7800	-0.6341	0.9579	4.8991	1.1467	5.658	1.3686	10.1627	1.36811
7900	-0.5786	1.0216	4.9077	1.1480	5.715	1.3769	10.2337	1.37643
8000	-0.5244	1.0838	4.9160	1.1494	5.771	1.3852	10.3021	1.38463
8100	-0.4714	1.1448	4.9242	1.1508	5.828	1.3934	10.3683	1.39274
8200	-0.4195	1.2045	4.9322	1.1520	5.884	1.4015	10.4323	1.40074
8300	-0.3689	1.2628	4.9400	1.1534	5.940	1.4095	10.4941	1.40865
8400	-0.3194	1.3200	4.9477	1.1548	5.996	1.4174	10.5536	1.41646
8500	-0.2709	1.3760	4.9552	1.1561	6.052	1.4252	10.6113	1.42417
8600	-0.2235	1.4308	4.9625	1.1574	6.107	1.4330	10.6671	1.43179
8700	-0.1772	1.4845	4.9698	1.1588	6.163	1.4406	10.7209	1.43931
8800	-0.1318	1.5371	4.9768	1.1604	6.219	1.4482	10.7729	1.44674
8900	-0.0874	1.5887	4.9837	1.1618	6.274	1.4557	10.8232	1.45409
9000	-0.0439	1.6392	4.9905	1.1632	6.329	1.4631	10.8717	1.46134
9100	-0.0013	1.6888	4.9972	1.1646	6.384	1.4705	10.9186	1.46849
9200	0.0403	1.7373	5.0037	1.1661	6.439	1.4778	10.9637	1.47556
9300	0.0811	1.7849	5.0102	1.1676	6.494	1.4850	11.0072	1.48255
9400	0.1211	1.8316	5.0165	1.1690	6.548	1.4921	11.0494	1.48944
9500	0.1603	1.8775	5.0227	1.1707	6.603	1.4992	11.0900	1.49627
9600	0.1987	1.9224	5.0287	1.1724	6.658	1.5062	11.1293	1.50302
9700	0.2362	1.9665	5.0347	1.1737	6.712	1.5132	11.1671	1.50969
9800	0.2731	2.0098	5.0406	1.1752	6.766	1.5201	11.2035	1.51628
9900	0.3092	2.0522	5.0464	1.1767	6.820	1.5269	11.2388	1.52277
10000	0.3446	2.0939	5.0520	1.1780	6.873	1.5337	11.2726	1.52916
10100	0.3793	2.1349	5.0576	1.1761	6.917	1.5403	11.3051	1.53543
10200	0.4153	2.1771	5.0635	1.1776	6.971	1.5473	11.3470	1.54201
10300	0.4488	2.2166	5.0689	1.1826	7.035	1.5539	11.3773	1.54816
10400	0.4815	2.2554	5.0742	1.1844	7.089	1.5604	11.4060	1.55419
10500	0.5135	2.2933	5.0794	1.1858	7.143	1.5668	11.4337	1.56013
10600	0.5451	2.3308	5.0845	1.1874	7.196	1.5732	11.4606	1.56600
10700	0.5761	2.3676	5.0896	1.1890	7.249	1.5796	11.4865	1.57180
10800	0.6064	2.4037	5.0945	1.1903	7.301	1.5858	11.5107	1.57746
10900	0.6363	2.4393	5.0994	1.1920	7.355	1.5920	11.5348	1.58312
11000	0.6656	2.4742	5.1043	1.1936	7.408	1.5982	11.5576	1.58867
11100	0.6943	2.5085	5.1090	1.1953	7.461	1.6043	11.5794	1.59412
11200	0.7226	2.5424	5.1137	1.1972	7.514	1.6105	11.6010	1.59956
11300	0.7502	2.5754	5.1183	1.1991	7.568	1.6164	11.6206	1.60481
11400	0.7774	2.6081	5.1229	1.2001	7.619	1.6225	11.6401	1.61005
11500	0.8044	2.6405	5.1274	1.2017	7.671	1.6285	11.6592	1.61527

S/R= 40.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	0.8306	2.6720	5.1318	1.2035	7.724	1.6343	11.6766	1.62032
11700	0.8565	2.7032	5.1361	1.2050	7.776	1.6402	11.6937	1.62535
11800	0.8819	2.7338	5.1404	1.2068	7.829	1.6460	11.7101	1.63029
11900	0.9070	2.7642	5.1447	1.2087	7.882	1.6519	11.7265	1.63524
12000	0.9315	2.7938	5.1489	1.2107	7.936	1.6577	11.7411	1.64000
12100	0.9557	2.8231	5.1530	1.2123	7.988	1.6634	11.7558	1.64477
12200	0.9795	2.8520	5.1571	1.2137	8.039	1.6691	11.7698	1.64944
12300	1.0031	2.8806	5.1612	1.2151	8.091	1.6749	11.7837	1.65413
12400	1.0260	2.9085	5.1652	1.2170	8.144	1.6805	11.7959	1.65863
12500	1.0487	2.9361	5.1691	1.2185	8.195	1.6862	11.8084	1.66315
12600	1.0711	2.9634	5.1730	1.2208	8.249	1.6918	11.8201	1.66758
12700	1.0930	2.9901	5.1768	1.2229	8.303	1.6974	11.8313	1.67196
12800	1.1145	3.0165	5.1806	1.2239	8.352	1.7029	11.8416	1.67624
12900	1.1359	3.0427	5.1844	1.2258	8.405	1.7085	11.8523	1.68053
13000	1.1569	3.0685	5.1881	1.2277	8.458	1.7141	11.8626	1.68476
13100	1.1776	3.0939	5.1918	1.2293	8.510	1.7196	11.8721	1.68891
13200	1.1980	3.1190	5.1954	1.2313	8.563	1.7251	11.8809	1.69298
13300	1.2180	3.1436	5.1990	1.2324	8.612	1.7305	11.8894	1.69701
13400	1.2379	3.1682	5.2026	1.2343	8.665	1.7360	11.8981	1.70104
13500	1.2573	3.1921	5.2061	1.2363	8.718	1.7414	11.9056	1.70493
13600	1.2766	3.2160	5.2096	1.2376	8.769	1.7469	11.9133	1.70883
13700	1.2955	3.2395	5.2130	1.2398	8.822	1.7523	11.9207	1.71269
13800	1.3142	3.2626	5.2164	1.2408	8.872	1.7577	11.9278	1.71648
13900	1.3328	3.2857	5.2198	1.2425	8.923	1.7632	11.9351	1.72029
14000	1.3510	3.3083	5.2232	1.2448	8.978	1.7685	11.9415	1.72395
14100	1.3690	3.3308	5.2265	1.2459	9.027	1.7740	11.9482	1.72767
14200	1.3868	3.3530	5.2298	1.2469	9.077	1.7794	11.9546	1.73134
14300	1.4044	3.3750	5.2331	1.2487	9.129	1.7848	11.9607	1.73493
14400	1.4218	3.3966	5.2363	1.2501	9.180	1.7901	11.9663	1.73849
14500	1.4389	3.4180	5.2395	1.2518	9.231	1.7954	11.9718	1.74200
14600	1.4557	3.4391	5.2427	1.2531	9.282	1.8007	11.9771	1.74547
14700	1.4726	3.4603	5.2459	1.2541	9.331	1.8061	11.9829	1.74899
14800	1.4891	3.4809	5.2490	1.2559	9.383	1.8114	11.9877	1.75237
14900	1.5055	3.5015	5.2521	1.2570	9.433	1.8167	11.9932	1.75582
15000	1.5217	3.5220	5.2552	1.2573	9.479	1.8221	11.9985	1.75921

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-6.8942	-6.4855	3.3930	1.3651	1.581	1.0000	3.5310	1.00000
800	-6.7354	-6.2687	3.4552	1.3602	1.687	1.0000	3.5655	1.00000
900	-6.5912	-6.0733	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.4586	-5.8948	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.3363	-5.7311	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.2224	-5.5794	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.1158	-5.4380	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-6.0156	-5.3057	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-5.9211	-5.1813	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-5.8318	-5.0639	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.7471	-4.9529	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.6666	-4.8475	3.8399	1.3072	2.481	1.0000	3.8426	1.00000
1900	-5.5899	-4.7474	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-5.5110	-4.6464	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.4403	-4.5545	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.3726	-4.4665	3.9377	1.2974	2.732	1.0000	3.9384	1.00000

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-5.3074	-4.3821	3.9591	1.2957	2.792	1.0000	3.9568	1.00000
2400	-5.2448	-4.3009	3.9795	1.2941	2.850	1.0000	3.9747	1.00001
2500	-5.1843	-4.2227	3.9992	1.2923	2.907	1.0000	3.9927	1.00002
2600	-5.1258	-4.1472	4.0181	1.2898	2.961	1.0000	4.0096	1.00004
2700	-5.0688	-4.0738	4.0363	1.2861	3.014	1.0001	4.0264	1.00008
2800	-5.0131	-4.0023	4.0541	1.2810	3.063	1.0002	4.0451	1.00017
2900	-4.9580	-3.9319	4.0714	1.2736	3.108	1.0003	4.0648	1.00032
3000	-4.9029	-3.8619	4.0885	1.2632	3.149	1.0006	4.0874	1.00059
3100	-4.8469	-3.7915	4.1058	1.2498	3.185	1.0010	4.1158	1.00101
3200	-4.7888	-3.7194	4.1233	1.2336	3.216	1.0017	4.1506	1.00168
3300	-4.7276	-3.6443	4.1413	1.2156	3.243	1.0027	4.1953	1.00267
3400	-4.6619	-3.5650	4.1602	1.1971	3.269	1.0041	4.2530	1.00409
3500	-4.5905	-3.4802	4.1800	1.1795	3.296	1.0061	4.3243	1.00605
3600	-4.5126	-3.3890	4.2011	1.1636	3.324	1.0086	4.4133	1.00865
3700	-4.4275	-3.2906	4.2233	1.1501	3.356	1.0119	4.5193	1.01195
3800	-4.3352	-3.1849	4.2467	1.1392	3.391	1.0160	4.6445	1.01602
3900	-4.2360	-3.0724	4.2710	1.1307	3.431	1.0209	4.7859	1.02085
4000	-4.1308	-2.9538	4.2959	1.1240	3.474	1.0264	4.9418	1.02643
4100	-4.0204	-2.8300	4.3213	1.1190	3.520	1.0327	5.1111	1.03272
4200	-3.9061	-2.7024	4.3467	1.1154	3.569	1.0396	5.2901	1.03964
4300	-3.7889	-2.5718	4.3721	1.1128	3.620	1.0471	5.4779	1.04715
4400	-3.6700	-2.4397	4.3970	1.1110	3.673	1.0551	5.6691	1.05513
4500	-3.5501	-2.3065	4.4215	1.1098	3.727	1.0636	5.8648	1.06355
4600	-3.4302	-2.1736	4.4452	1.1092	3.782	1.0723	6.0602	1.07231
4700	-3.3110	-2.0413	4.4684	1.1089	3.839	1.0814	6.2555	1.08138
4800	-3.1928	-1.9102	4.4908	1.1090	3.896	1.0907	6.4496	1.09069
4900	-3.0761	-1.7808	4.5125	1.1093	3.955	1.1002	6.6414	1.10021
5000	-2.9613	-1.6535	4.5333	1.1105	4.014	1.1099	6.8290	1.10988
5100	-2.8491	-1.5288	4.5536	1.1112	4.074	1.1199	7.0143	1.11990
5200	-2.7388	-1.4062	4.5729	1.1114	4.132	1.1298	7.1934	1.12979
5300	-2.6307	-1.2861	4.5916	1.1123	4.192	1.1397	7.3681	1.13972
5400	-2.5251	-1.1686	4.6096	1.1133	4.251	1.1497	7.5379	1.14971
5500	-2.4220	-1.0537	4.6270	1.1143	4.311	1.1597	7.7032	1.15972
5600	-2.3214	-0.9415	4.6438	1.1154	4.371	1.1697	7.8633	1.16974
5700	-2.2232	-0.8319	4.6600	1.1167	4.431	1.1798	8.0187	1.17977
5800	-2.1275	-0.7250	4.6756	1.1179	4.491	1.1898	8.1691	1.18979
5900	-2.0342	-0.6207	4.6907	1.1192	4.552	1.1998	8.3146	1.19979
6000	-1.9433	-0.5189	4.7053	1.1206	4.612	1.2098	8.4554	1.20975
6100	-1.8550	-0.4199	4.7194	1.1221	4.672	1.2197	8.5911	1.21965
6200	-1.7690	-0.3233	4.7330	1.1234	4.732	1.2295	8.7222	1.22951
6300	-1.6853	-0.2292	4.7462	1.1248	4.792	1.2393	8.8488	1.23930
6400	-1.6037	-0.1374	4.7590	1.1262	4.852	1.2491	8.9712	1.24902
6500	-1.5243	-0.0479	4.7714	1.1275	4.912	1.2587	9.0890	1.25866
6600	-1.4469	0.0394	4.7835	1.1289	4.971	1.2683	9.2030	1.26824
6700	-1.3715	0.1246	4.7952	1.1304	5.031	1.2778	9.3132	1.27772
6800	-1.2981	0.2076	4.8065	1.1318	5.090	1.2872	9.4193	1.28714
6900	-1.2266	0.2887	4.8176	1.1333	5.149	1.2966	9.5219	1.29646
7000	-1.1569	0.3677	4.8283	1.1347	5.208	1.3058	9.6206	1.30570
7100	-1.0890	0.4448	4.8387	1.1363	5.267	1.3150	9.7158	1.31486
7200	-1.0228	0.5201	4.8489	1.1377	5.326	1.3241	9.8077	1.32392
7300	-0.9583	0.5935	4.8588	1.1392	5.384	1.3331	9.8960	1.33289
7400	-0.8954	0.6652	4.8684	1.1408	5.443	1.3420	9.9812	1.34178
7500	-0.8341	0.7352	4.8778	1.1422	5.501	1.3509	10.0634	1.35057
7600	-0.7743	0.8035	4.8870	1.1438	5.559	1.3596	10.1425	1.35927
7700	-0.7160	0.8703	4.8959	1.1451	5.617	1.3682	10.2186	1.36786

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-0.6590	0.9356	4.9046	1.1466	5.674	1.3768	10.2923	1.37636
7900	-0.6034	0.9994	4.9131	1.1480	5.732	1.3852	10.3632	1.38476
8000	-0.5491	1.0618	4.9214	1.1493	5.789	1.3936	10.4315	1.39305
8100	-0.4960	1.1228	4.9296	1.1507	5.845	1.4018	10.4975	1.40123
8200	-0.4441	1.1825	4.9375	1.1520	5.902	1.4100	10.5613	1.40932
8300	-0.3934	1.2410	4.9453	1.1534	5.958	1.4181	10.6230	1.41730
8400	-0.3439	1.2982	4.9529	1.1547	6.014	1.4261	10.6824	1.42518
8500	-0.2953	1.3542	4.9604	1.1561	6.070	1.4340	10.7397	1.43296
8600	-0.2479	1.4091	4.9677	1.1574	6.126	1.4418	10.7953	1.44066
8700	-0.2015	1.4629	4.9749	1.1588	6.182	1.4495	10.8489	1.44825
8800	-0.1561	1.5155	4.9819	1.1604	6.238	1.4571	10.9006	1.45575
8900	-0.1116	1.5671	4.9888	1.1618	6.293	1.4647	10.9505	1.46315
9000	-0.0682	1.6176	4.9956	1.1632	6.348	1.4722	10.9987	1.47046
9100	-0.0256	1.6672	5.0022	1.1646	6.403	1.4796	11.0453	1.47768
9200	0.0161	1.7158	5.0087	1.1661	6.458	1.4869	11.0901	1.48481
9300	0.0569	1.7634	5.0151	1.1676	6.514	1.4941	11.1333	1.49185
9400	0.0969	1.8101	5.0214	1.1691	6.568	1.5013	11.1750	1.49881
9500	0.1360	1.8559	5.0275	1.1707	6.623	1.5084	11.2153	1.50568
9600	0.1744	1.9008	5.0336	1.1724	6.679	1.5155	11.2542	1.51249
9700	0.2120	1.9449	5.0395	1.1737	6.733	1.5225	11.2916	1.51921
9800	0.2488	1.9881	5.0454	1.1752	6.787	1.5295	11.3277	1.52584
9900	0.2849	2.0306	5.0511	1.1767	6.841	1.5363	11.3624	1.53239
10000	0.3203	2.0723	5.0567	1.1780	6.895	1.5431	11.3958	1.53882
10100	0.3550	2.1132	5.0623	1.1761	6.938	1.5498	11.4279	1.54514
10200	0.3909	2.1554	5.0681	1.1777	6.993	1.5568	11.4692	1.55176
10300	0.4243	2.1948	5.0735	1.1826	7.057	1.5634	11.4991	1.55795
10400	0.4570	2.2335	5.0788	1.1844	7.111	1.5699	11.5274	1.56402
10500	0.4890	2.2714	5.0839	1.1858	7.164	1.5764	11.5545	1.57000
10600	0.5206	2.3089	5.0890	1.1873	7.217	1.5828	11.5809	1.57592
10700	0.5515	2.3456	5.0941	1.1890	7.271	1.5891	11.6063	1.58175
10800	0.5818	2.3816	5.0990	1.1903	7.323	1.5954	11.6301	1.58745
10900	0.6116	2.4172	5.1039	1.1919	7.377	1.6016	11.6536	1.59314
11000	0.6409	2.4521	5.1087	1.1935	7.429	1.6078	11.6760	1.59872
11100	0.6695	2.4863	5.1134	1.1952	7.483	1.6139	11.6971	1.60421
11200	0.6978	2.5201	5.1181	1.1971	7.536	1.6200	11.7182	1.60968
11300	0.7253	2.5531	5.1226	1.1990	7.590	1.6260	11.7372	1.61496
11400	0.7525	2.5857	5.1272	1.2000	7.641	1.6320	11.7561	1.62023
11500	0.7794	2.6180	5.1317	1.2018	7.694	1.6380	11.7748	1.62547
11600	0.8055	2.6494	5.1360	1.2034	7.746	1.6438	11.7916	1.63055
11700	0.8314	2.6806	5.1404	1.2047	7.798	1.6497	11.8082	1.63561
11800	0.8567	2.7111	5.1446	1.2066	7.851	1.6555	11.8239	1.64058
11900	0.8818	2.7414	5.1489	1.2085	7.904	1.6613	11.8398	1.64555
12000	0.9062	2.7709	5.1530	1.2103	7.957	1.6670	11.8538	1.65034
12100	0.9304	2.8002	5.1572	1.2119	8.009	1.6728	11.8679	1.65513
12200	0.9541	2.8290	5.1612	1.2135	8.061	1.6784	11.8812	1.65982
12300	0.9776	2.8575	5.1653	1.2151	8.113	1.6842	11.8946	1.66453
12400	1.0005	2.8853	5.1692	1.2168	8.165	1.6897	11.9062	1.66905
12500	1.0232	2.9129	5.1731	1.2181	8.216	1.6954	11.9181	1.67359
12600	1.0454	2.9401	5.1770	1.2203	8.270	1.7009	11.9292	1.67804
12700	1.0673	2.9668	5.1808	1.2224	8.323	1.7064	11.9399	1.68245
12800	1.0888	2.9931	5.1846	1.2234	8.373	1.7119	11.9495	1.68675
12900	1.1102	3.0192	5.1883	1.2252	8.425	1.7175	11.9596	1.69105
13000	1.1311	3.0449	5.1920	1.2271	8.478	1.7230	11.9691	1.69531
13100	1.1517	3.0703	5.1957	1.2287	8.529	1.7284	11.9780	1.69947
13200	1.1720	3.0952	5.1993	1.2308	8.583	1.7338	11.9863	1.70356

S/R= 41.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	1.1920	3.1198	5.2028	1.2319	8.632	1.7392	11.9942	1.70760
13400	1.2118	3.1443	5.2064	1.2337	8.684	1.7446	12.0023	1.71165
13500	1.2312	3.1681	5.2098	1.2354	8.736	1.7499	12.0091	1.71555
13600	1.2504	3.1919	5.2133	1.2367	8.786	1.7553	12.0162	1.71948
13700	1.2693	3.2153	5.2167	1.2389	8.840	1.7606	12.0231	1.72335
13800	1.2879	3.2384	5.2201	1.2399	8.889	1.7660	12.0295	1.72716
13900	1.3065	3.2614	5.2235	1.2415	8.940	1.7713	12.0361	1.73098
14000	1.3246	3.2839	5.2268	1.2437	8.994	1.7766	12.0419	1.73466
14100	1.3426	3.3063	5.2301	1.2448	9.044	1.7819	12.0478	1.73840
14200	1.3603	3.3284	5.2334	1.2459	9.093	1.7872	12.0536	1.74208
14300	1.3779	3.3503	5.2367	1.2478	9.145	1.7925	12.0591	1.74568
14400	1.3952	3.3719	5.2399	1.2491	9.196	1.7977	12.0642	1.74926
14500	1.4122	3.3932	5.2430	1.2505	9.246	1.8029	12.0690	1.75279
14600	1.4291	3.4143	5.2462	1.2517	9.296	1.8081	12.0737	1.75627
14700	1.4459	3.4353	5.2493	1.2527	9.345	1.8134	12.0788	1.75980
14800	1.4623	3.4559	5.2524	1.2543	9.396	1.8185	12.0830	1.76320
14900	1.4787	3.4764	5.2555	1.2554	9.445	1.8238	12.0879	1.76666
15000	1.4949	3.4968	5.2586	1.2559	9.492	1.8290	12.0926	1.77006

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
700	-6.9811	-6.5724	3.3930	1.3650	1.581	1.0000	3.5310	1.00000
800	-6.8222	-6.3555	3.4552	1.3601	1.687	1.0000	3.5655	1.00000
900	-6.6780	-6.1602	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.5455	-5.9817	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.4231	-5.8180	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.3092	-5.6663	3.6453	1.3239	2.042	1.0000	3.6823	1.00000
1300	-6.2026	-5.5249	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-6.1024	-5.3925	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.0080	-5.2681	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-5.9187	-5.1508	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.8340	-5.0397	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.7535	-4.9344	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-5.6768	-4.8342	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-5.5979	-4.7332	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.5272	-4.6413	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.4594	-4.5534	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-5.3943	-4.4690	3.9591	1.2958	2.792	1.0000	3.9568	1.00000
2400	-5.3316	-4.3878	3.9795	1.2940	2.850	1.0000	3.9747	1.00001
2500	-5.2711	-4.3096	3.9992	1.2921	2.906	1.0000	3.9928	1.00002
2600	-5.2126	-4.2340	4.0181	1.2895	2.961	1.0000	4.0098	1.00005
2700	-5.1555	-4.1605	4.0363	1.2855	3.013	1.0001	4.0268	1.00009
2800	-5.0996	-4.0888	4.0542	1.2800	3.062	1.0002	4.0458	1.00019
2900	-5.0443	-4.0181	4.0716	1.2720	3.106	1.0004	4.0662	1.00036
3000	-4.9887	-3.9477	4.0888	1.2608	3.146	1.0006	4.0898	1.00065
3100	-4.9320	-3.8765	4.1062	1.2465	3.181	1.0011	4.1197	1.00112
3200	-4.8729	-3.8034	4.1239	1.2295	3.210	1.0018	4.1567	1.00185
3300	-4.8103	-3.7269	4.1423	1.2109	3.237	1.0029	4.2047	1.00293
3400	-4.7427	-3.6456	4.1616	1.1921	3.263	1.0045	4.2666	1.00449
3500	-4.6689	-3.5584	4.1819	1.1745	3.289	1.0066	4.3433	1.00662
3600	-4.5881	-3.4642	4.2036	1.1589	3.319	1.0094	4.4386	1.00943
3700	-4.4998	-3.3624	4.2264	1.1459	3.351	1.0130	4.5517	1.01298
3800	-4.4040	-3.2531	4.2505	1.1355	3.388	1.0173	4.6847	1.01733
3900	-4.3012	-3.1369	4.2754	1.1274	3.429	1.0225	4.8340	1.02246

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-4.1925	-3.0147	4.3008	1.1213	3.473	1.0283	4.9977	1.02835
4100	-4.0787	-2.8874	4.3267	1.1167	3.520	1.0349	5.1746	1.03495
4200	-3.9612	-2.7564	4.3525	1.1134	3.570	1.0422	5.3607	1.04218
4300	-3.8409	-2.6227	4.3782	1.1110	3.622	1.0500	5.5550	1.04998
4400	-3.7194	-2.4877	4.4033	1.1095	3.675	1.0583	5.7522	1.05825
4500	-3.5969	-2.3520	4.4280	1.1085	3.731	1.0670	5.9533	1.06695
4600	-3.4749	-2.2167	4.4519	1.1080	3.787	1.0760	6.1535	1.07597
4700	-3.3536	-2.0824	4.4751	1.1079	3.844	1.0853	6.3531	1.08529
4800	-3.2336	-1.9494	4.4976	1.1081	3.902	1.0948	6.5510	1.09484
4900	-3.1153	-1.8183	4.5193	1.1085	3.961	1.1046	6.7462	1.10459
5000	-2.9991	-1.6894	4.5401	1.1097	4.021	1.1145	6.9370	1.11446
5100	-2.8855	-1.5633	4.5604	1.1105	4.081	1.1247	7.1249	1.12469
5200	-2.7740	-1.4395	4.5797	1.1108	4.140	1.1348	7.3065	1.13478
5300	-2.6649	-1.3183	4.5984	1.1117	4.200	1.1449	7.4832	1.14490
5400	-2.5584	-1.1998	4.6163	1.1128	4.260	1.1551	7.6551	1.15507
5500	-2.4544	-1.0840	4.6337	1.1139	4.321	1.1652	7.8219	1.16524
5600	-2.3530	-0.9710	4.6504	1.1150	4.381	1.1754	7.9836	1.17543
5700	-2.2541	-0.8607	4.6665	1.1163	4.442	1.1856	8.1403	1.18562
5800	-2.1578	-0.7531	4.6821	1.1175	4.502	1.1958	8.2919	1.19579
5900	-2.0639	-0.6481	4.6971	1.1189	4.563	1.2059	8.4385	1.20594
6000	-1.9725	-0.5458	4.7117	1.1203	4.623	1.2161	8.5803	1.21605
6100	-1.8837	-0.4463	4.7257	1.1218	4.684	1.2261	8.7168	1.22609
6200	-1.7972	-0.3492	4.7393	1.1231	4.744	1.2361	8.8488	1.23608
6300	-1.7131	-0.2547	4.7524	1.1246	4.805	1.2460	8.9759	1.24600
6400	-1.6312	-0.1625	4.7652	1.1259	4.865	1.2559	9.0988	1.25584
6500	-1.5514	-0.0726	4.7775	1.1273	4.925	1.2657	9.2172	1.26562
6600	-1.4737	0.0150	4.7895	1.1287	4.985	1.2754	9.3316	1.27531
6700	-1.3981	0.1005	4.8012	1.1301	5.044	1.2850	9.4422	1.28491
6800	-1.3244	0.1838	4.8124	1.1316	5.104	1.2945	9.5485	1.29444
6900	-1.2526	0.2651	4.8234	1.1331	5.163	1.3040	9.6513	1.30387
7000	-1.1827	0.3444	4.8341	1.1346	5.223	1.3133	9.7504	1.31322
7100	-1.1146	0.4217	4.8445	1.1361	5.282	1.3226	9.8457	1.32248
7200	-1.0482	0.4972	4.8546	1.1376	5.341	1.3318	9.9376	1.33164
7300	-0.9835	0.5708	4.8645	1.1391	5.400	1.3409	10.0261	1.34072
7400	-0.9205	0.6426	4.8740	1.1406	5.459	1.3499	10.1113	1.34970
7500	-0.8591	0.7128	4.8834	1.1421	5.517	1.3588	10.1935	1.35858
7600	-0.7991	0.7813	4.8925	1.1437	5.575	1.3677	10.2727	1.36738
7700	-0.7407	0.8482	4.9014	1.1451	5.633	1.3764	10.3487	1.37605
7800	-0.6836	0.9135	4.9101	1.1465	5.691	1.3850	10.4221	1.38463
7900	-0.6279	0.9775	4.9185	1.1479	5.749	1.3936	10.4930	1.39312
8000	-0.5735	1.0399	4.9268	1.1493	5.806	1.4020	10.5612	1.40149
8100	-0.5204	1.1010	4.9349	1.1507	5.863	1.4103	10.6270	1.40975
8200	-0.4684	1.1608	4.9428	1.1519	5.919	1.4186	10.6907	1.41791
8300	-0.4176	1.2194	4.9506	1.1533	5.976	1.4267	10.7521	1.42597
8400	-0.3680	1.2766	4.9582	1.1547	6.033	1.4348	10.8113	1.43392
8500	-0.3195	1.3327	4.9656	1.1561	6.089	1.4427	10.8685	1.44178
8600	-0.2720	1.3876	4.9729	1.1574	6.145	1.4506	10.9237	1.44954
8700	-0.2256	1.4414	4.9800	1.1588	6.201	1.4584	10.9771	1.45719
8800	-0.1802	1.4941	4.9870	1.1604	6.257	1.4661	11.0285	1.46476
8900	-0.1357	1.5457	4.9939	1.1618	6.312	1.4737	11.0781	1.47223
9000	-0.0922	1.5962	5.0006	1.1631	6.368	1.4812	11.1259	1.47960
9100	-0.0496	1.6458	5.0072	1.1646	6.423	1.4887	11.1721	1.48688
9200	-0.0080	1.6944	5.0137	1.1661	6.478	1.4961	11.2166	1.49406
9300	0.0328	1.7420	5.0200	1.1677	6.534	1.5033	11.2594	1.50116
9400	0.0728	1.7886	5.0262	1.1691	6.589	1.5106	11.3007	1.50817

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	0.1119	1.8344	5.0324	1.1707	6.644	1.5177	11.3406	1.51510
9600	0.1503	1.8794	5.0384	1.1724	6.699	1.5248	11.3791	1.52195
9700	0.1878	1.9234	5.0443	1.1737	6.753	1.5319	11.4161	1.52872
9800	0.2246	1.9666	5.0501	1.1752	6.808	1.5388	11.4518	1.53540
9900	0.2607	2.0090	5.0558	1.1767	6.862	1.5457	11.4860	1.54199
10000	0.2960	2.0507	5.0614	1.1781	6.916	1.5525	11.5189	1.54847
10100	0.3307	2.0915	5.0669	1.1762	6.960	1.5592	11.5505	1.55483
10200	0.3666	2.1337	5.0727	1.1777	7.015	1.5663	11.5914	1.56150
10300	0.4000	2.1731	5.0781	1.1926	7.078	1.5729	11.6207	1.56773
10400	0.4327	2.2118	5.0833	1.1844	7.133	1.5794	11.6486	1.57384
10500	0.4646	2.2496	5.0885	1.1859	7.186	1.5859	11.6752	1.57985
10600	0.4961	2.2870	5.0935	1.1873	7.239	1.5923	11.7011	1.58581
10700	0.5270	2.3237	5.0985	1.1890	7.293	1.5987	11.7259	1.59168
10800	0.5572	2.3597	5.1034	1.1904	7.345	1.6049	11.7490	1.59741
10900	0.5870	2.3952	5.1083	1.1920	7.399	1.6112	11.7722	1.60313
11000	0.6162	2.4300	5.1131	1.1935	7.451	1.6173	11.7940	1.60874
11100	0.6448	2.4642	5.1177	1.1951	7.505	1.6234	11.8145	1.61426
11200	0.6730	2.4979	5.1224	1.1970	7.559	1.6296	11.8351	1.61976
11300	0.7005	2.5308	5.1269	1.1989	7.612	1.6355	11.8535	1.62507
11400	0.7276	2.5634	5.1314	1.1999	7.663	1.6415	11.8718	1.63027
11500	0.7544	2.5956	5.1359	1.2017	7.716	1.6475	11.8899	1.63564
11600	0.7805	2.6269	5.1402	1.2034	7.769	1.6533	11.9061	1.64074
11700	0.8063	2.6580	5.1445	1.2046	7.820	1.6591	11.9222	1.64582
11800	0.8316	2.6885	5.1488	1.2064	7.873	1.6649	11.9374	1.65081
11900	0.8566	2.7187	5.1530	1.2083	7.926	1.6707	11.9527	1.65580
12000	0.8810	2.7481	5.1571	1.2102	7.979	1.6764	11.9661	1.66061
12100	0.9051	2.7773	5.1612	1.2117	8.031	1.6821	11.9795	1.66543
12200	0.9287	2.8060	5.1653	1.2131	8.082	1.6877	11.9922	1.67014
12300	0.9522	2.8345	5.1693	1.2147	8.134	1.6934	12.0049	1.67487
12400	0.9750	2.8622	5.1732	1.2167	8.187	1.6989	12.0160	1.67941
12500	0.9976	2.8897	5.1771	1.2179	8.238	1.7045	12.0273	1.68397
12600	1.0198	2.9168	5.1809	1.2200	8.291	1.7100	12.0377	1.68844
12700	1.0416	2.9434	5.1847	1.2220	8.344	1.7155	12.0478	1.69286
12800	1.0631	2.9696	5.1884	1.2230	8.393	1.7209	12.0568	1.69718
12900	1.0843	2.9957	5.1922	1.2247	8.445	1.7264	12.0662	1.70150
13000	1.1052	3.0213	5.1958	1.2266	8.498	1.7318	12.0751	1.70577
13100	1.1258	3.0465	5.1995	1.2281	8.549	1.7372	12.0834	1.70995
13200	1.1461	3.0714	5.2030	1.2302	8.602	1.7426	12.0910	1.71406
13300	1.1659	3.0959	5.2066	1.2315	8.652	1.7479	12.0983	1.71811
13400	1.1857	3.1203	5.2101	1.2332	8.704	1.7532	12.1058	1.72217
13500	1.2050	3.1441	5.2136	1.2349	8.756	1.7585	12.1120	1.72609
13600	1.2242	3.1677	5.2170	1.2360	8.805	1.7637	12.1184	1.73003
13700	1.2430	3.1911	5.2204	1.2380	8.858	1.7690	12.1246	1.73391
13800	1.2616	3.2141	5.2238	1.2390	8.907	1.7742	12.1304	1.73773
13900	1.2801	3.2370	5.2271	1.2405	8.958	1.7795	12.1364	1.74157
14000	1.2982	3.2594	5.2304	1.2427	9.011	1.7846	12.1415	1.74526
14100	1.3161	3.2817	5.2337	1.2438	9.060	1.7899	12.1468	1.74901
14200	1.3338	3.3038	5.2369	1.2448	9.109	1.7951	12.1519	1.75270
14300	1.3513	3.3255	5.2402	1.2467	9.161	1.8002	12.1567	1.75632
14400	1.3685	3.3471	5.2433	1.2482	9.212	1.8054	12.1612	1.75992
14500	1.3855	3.3683	5.2465	1.2497	9.262	1.8105	12.1655	1.76345
14600	1.4023	3.3893	5.2496	1.2506	9.310	1.8156	12.1695	1.76695
14700	1.4191	3.4102	5.2528	1.2514	9.359	1.8207	12.1740	1.77049
14800	1.4354	3.4307	5.2558	1.2529	9.409	1.8257	12.1776	1.77390
14900	1.4518	3.4512	5.2589	1.2540	9.458	1.8308	12.1818	1.77737

S/R= 41.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	1.4679	3.4714	5.2619	1.2546	9.505	1.8359	12.1858	1.78079

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	-6.9091	-6.4424	3.4552	1.3547	1.683	1.0000	3.5655	1.00000
1900	-6.7649	-6.2470	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
2000	-6.6323	-6.0685	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.5100	-5.9048	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.3961	-5.7531	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.2895	-5.6118	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-6.1893	-5.4794	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.0948	-5.3550	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-6.0055	-5.2376	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-5.9208	-5.1266	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.8403	-5.0213	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-5.7636	-4.9211	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-5.6847	-4.8201	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.6140	-4.7282	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.5463	-4.6402	3.9377	1.2974	2.732	1.0000	3.9384	1.00000
2300	-5.4811	-4.5558	3.9591	1.2957	2.792	1.0000	3.9569	1.00000
2400	-5.4184	-4.4746	3.9795	1.2939	2.850	1.0000	3.9747	1.00001
2500	-5.3579	-4.3964	3.9992	1.2920	2.906	1.0000	3.9929	1.00002
2600	-5.2993	-4.3207	4.0181	1.2891	2.961	1.0001	4.0100	1.00005
2700	-5.2422	-4.2472	4.0364	1.2849	3.012	1.0001	4.0273	1.00010
2800	-5.1861	-4.1753	4.0543	1.2790	3.060	1.0002	4.0467	1.00021
2900	-5.1305	-4.1043	4.0717	1.2703	3.104	1.0004	4.0677	1.00039
3000	-5.0744	-4.0334	4.0891	1.2582	3.143	1.0007	4.0924	1.00072
3100	-5.0169	-3.9614	4.1067	1.2430	3.176	1.0012	4.1241	1.00123
3200	-4.9567	-3.8871	4.1246	1.2252	3.205	1.0020	4.1635	1.00203
3300	-4.8925	-3.8090	4.1433	1.2060	3.231	1.0032	4.2150	1.00322
3400	-4.8229	-3.7257	4.1631	1.1869	3.257	1.0049	4.2815	1.00493
3500	-4.7466	-3.6358	4.1839	1.1695	3.283	1.0072	4.3638	1.00724
3600	-4.6628	-3.5385	4.2062	1.1544	3.313	1.0103	4.4659	1.01027
3700	-4.5711	-3.4333	4.2297	1.1418	3.347	1.0141	4.5865	1.01409
3800	-4.4717	-3.3202	4.2544	1.1319	3.385	1.0187	4.7274	1.01872
3900	-4.3653	-3.2003	4.2799	1.1244	3.427	1.0242	4.8848	1.02416
4000	-4.2529	-3.0743	4.3059	1.1187	3.472	1.0304	5.0564	1.03036
4100	-4.1357	-2.9434	4.3322	1.1145	3.521	1.0373	5.2409	1.03727
4200	-4.0150	-2.8091	4.3584	1.1115	3.571	1.0448	5.4340	1.04481
4300	-3.8918	-2.6723	4.3843	1.1094	3.624	1.0529	5.6348	1.05292
4400	-3.7675	-2.5346	4.4097	1.1080	3.679	1.0615	5.8378	1.06147
4500	-3.6427	-2.3963	4.4345	1.1072	3.735	1.0704	6.0441	1.07044
4600	-3.5185	-2.2588	4.4586	1.1069	3.792	1.0797	6.2490	1.07972
4700	-3.3953	-2.1224	4.4818	1.1070	3.850	1.0893	6.4528	1.08928
4800	-3.2735	-1.9877	4.5044	1.1072	3.908	1.0991	6.6544	1.09907
4900	-3.1536	-1.8549	4.5261	1.1077	3.968	1.1090	6.8530	1.10904
5000	-3.0360	-1.7246	4.5469	1.1090	4.028	1.1191	7.0465	1.11912
5100	-2.9212	-1.5971	4.5671	1.1099	4.089	1.1296	7.2372	1.12956
5200	-2.8085	-1.4721	4.5865	1.1102	4.148	1.1398	7.4212	1.13983
5300	-2.6985	-1.3498	4.6051	1.1112	4.209	1.1501	7.5998	1.15014
5400	-2.5910	-1.2304	4.6230	1.1123	4.269	1.1605	7.7737	1.16048
5500	-2.4862	-1.1138	4.6403	1.1134	4.330	1.1708	7.9419	1.17082
5600	-2.3840	-0.9999	4.6569	1.1146	4.391	1.1812	8.1051	1.18118
5700	-2.2845	-0.8889	4.6730	1.1159	4.452	1.1915	8.2631	1.19152

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-2.1875	-0.7806	4.6885	1.1172	4.513	1.2019	8.4160	1.20185
5900	-2.0931	-0.6751	4.7035	1.1185	4.574	1.2122	8.5634	1.21214
6000	-2.0012	-0.5722	4.7180	1.1200	4.635	1.2224	8.7063	1.22240
6100	-1.9119	-0.4722	4.7320	1.1215	4.696	1.2326	8.8434	1.23257
6200	-1.8250	-0.3747	4.7455	1.1229	4.756	1.2427	8.9760	1.24269
6300	-1.7405	-0.2797	4.7586	1.1243	4.817	1.2528	9.1038	1.25274
6400	-1.6583	-0.1872	4.7712	1.1257	4.878	1.2628	9.2271	1.26271
6500	-1.5781	-0.0969	4.7835	1.1271	4.938	1.2727	9.3462	1.27261
6600	-1.5002	-0.0090	4.7955	1.1286	4.998	1.2825	9.4609	1.28242
6700	-1.4242	0.0768	4.8071	1.1300	5.058	1.2922	9.5718	1.29214
6800	-1.3503	0.1604	4.8183	1.1314	5.118	1.3019	9.6785	1.30178
6900	-1.2783	0.2419	4.8292	1.1329	5.178	1.3114	9.7813	1.31132
7000	-1.2081	0.3214	4.8399	1.1344	5.237	1.3209	9.8807	1.32077
7100	-1.1399	0.3989	4.8502	1.1360	5.297	1.3303	9.9761	1.33013
7200	-1.0733	0.4746	4.8603	1.1374	5.356	1.3396	10.0680	1.33940
7300	-1.0085	0.5484	4.8701	1.1390	5.415	1.3488	10.1567	1.34857
7400	-0.9453	0.6204	4.8796	1.1405	5.474	1.3579	10.2419	1.35765
7500	-0.8837	0.6906	4.8889	1.1420	5.533	1.3669	10.3240	1.36662
7600	-0.8237	0.7593	4.8980	1.1436	5.592	1.3758	10.4032	1.37550
7700	-0.7651	0.8263	4.9068	1.1450	5.650	1.3846	10.4792	1.38426
7800	-0.7080	0.8918	4.9154	1.1464	5.708	1.3933	10.5524	1.39293
7900	-0.6522	0.9558	4.9239	1.1478	5.766	1.4019	10.6232	1.40150
8000	-0.5977	1.0183	4.9321	1.1492	5.823	1.4104	10.6913	1.40995
8100	-0.5445	1.0795	4.9402	1.1506	5.881	1.4188	10.7569	1.41829
8200	-0.4925	1.1394	4.9481	1.1519	5.937	1.4272	10.8202	1.42652
8300	-0.4417	1.1979	4.9558	1.1533	5.994	1.4354	10.8814	1.43465
8400	-0.3920	1.2553	4.9633	1.1547	6.051	1.4435	10.9405	1.44268
8500	-0.3435	1.3114	4.9707	1.1561	6.107	1.4515	10.9974	1.45060
8600	-0.2960	1.3663	4.9780	1.1574	6.163	1.4594	11.0522	1.45843
8700	-0.2495	1.4201	4.9851	1.1588	6.220	1.4673	11.1053	1.46615
8800	-0.2041	1.4728	4.9920	1.1604	6.276	1.4750	11.1565	1.47378
8900	-0.1596	1.5244	4.9988	1.1618	6.332	1.4827	11.2057	1.48131
9000	-0.1161	1.5750	5.0055	1.1632	6.387	1.4903	11.2532	1.48874
9100	-0.0736	1.6245	5.0121	1.1646	6.443	1.4978	11.2990	1.49607
9200	-0.0319	1.6731	5.0185	1.1661	6.498	1.5052	11.3431	1.50332
9300	0.0089	1.7207	5.0248	1.1677	6.554	1.5125	11.3855	1.51047
9400	0.0488	1.7674	5.0310	1.1691	6.609	1.5198	11.4265	1.51753
9500	0.0880	1.8131	5.0371	1.1708	6.664	1.5270	11.4659	1.52451
9600	0.1263	1.8580	5.0431	1.1724	6.720	1.5342	11.5039	1.53141
9700	0.1638	1.9021	5.0490	1.1738	6.774	1.5412	11.5406	1.53823
9800	0.2006	1.9452	5.0548	1.1753	6.829	1.5482	11.5757	1.54495
9900	0.2366	1.9876	5.0605	1.1767	6.883	1.5551	11.6095	1.55159
10000	0.2719	2.0292	5.0660	1.1781	6.937	1.5620	11.6419	1.55811
10100	0.3066	2.0700	5.0715	1.1763	6.981	1.5687	11.6730	1.56451
10200	0.3424	2.1121	5.0773	1.1778	7.036	1.5758	11.7133	1.57122
10300	0.3758	2.1515	5.0826	1.1827	7.100	1.5824	11.7422	1.57749
10400	0.4084	2.1901	5.0878	1.1845	7.154	1.5890	11.7696	1.58364
10500	0.4402	2.2279	5.0929	1.1859	7.208	1.5954	11.7956	1.58968
10600	0.4717	2.2653	5.0980	1.1873	7.261	1.6018	11.8209	1.59567
10700	0.5025	2.3018	5.1029	1.1890	7.315	1.6082	11.8452	1.60157
10800	0.5327	2.3378	5.1078	1.1904	7.367	1.6144	11.8678	1.60734
10900	0.5625	2.3732	5.1126	1.1920	7.421	1.6207	11.8903	1.61309
11000	0.5916	2.4079	5.1174	1.1936	7.474	1.6269	11.9116	1.61873
11100	0.6201	2.4420	5.1220	1.1951	7.527	1.6330	11.9317	1.62428
11200	0.6483	2.4757	5.1266	1.1970	7.581	1.6391	11.9516	1.62980

S/R= 41.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	0.6757	2.5086	5.1312	1.1989	7.634	1.6450	11.9694	1.63514
11400	0.7028	2.5410	5.1356	1.1999	7.685	1.6510	11.9871	1.64046
11500	0.7295	2.5731	5.1400	1.2016	7.738	1.6570	12.0045	1.64575
11600	0.7555	2.6044	5.1444	1.2033	7.791	1.6628	12.0203	1.65088
11700	0.7813	2.6354	5.1487	1.2047	7.842	1.6686	12.0358	1.65598
11800	0.8065	2.6658	5.1529	1.2064	7.895	1.6743	12.0503	1.66099
11900	0.8315	2.6960	5.1571	1.2081	7.948	1.6801	12.0650	1.66600
12000	0.8557	2.7253	5.1612	1.2100	8.001	1.6858	12.0777	1.67083
12100	0.8798	2.7544	5.1652	1.2115	8.052	1.6914	12.0906	1.67567
12200	0.9034	2.7830	5.1692	1.2129	8.104	1.6970	12.1025	1.68040
12300	0.9267	2.8114	5.1732	1.2145	8.156	1.7027	12.1147	1.68515
12400	0.9495	2.8390	5.1771	1.2165	8.208	1.7081	12.1251	1.68971
12500	0.9720	2.8665	5.1810	1.2179	8.260	1.7137	12.1358	1.69427
12600	0.9942	2.8935	5.1848	1.2199	8.313	1.7191	12.1457	1.69876
12700	1.0159	2.9200	5.1886	1.2217	8.365	1.7246	12.1550	1.70320
12800	1.0373	2.9461	5.1923	1.2225	8.414	1.7299	12.1634	1.70753
12900	1.0585	2.9721	5.1960	1.2243	8.466	1.7353	12.1722	1.71187
13000	1.0793	2.9976	5.1996	1.2262	8.518	1.7407	12.1804	1.71615
13100	1.0999	3.0228	5.2032	1.2277	8.569	1.7460	12.1880	1.72034
13200	1.1200	3.0476	5.2068	1.2296	8.622	1.7513	12.1950	1.72447
13300	1.1398	3.0719	5.2103	1.2309	8.672	1.7565	12.2016	1.72853
13400	1.1596	3.0962	5.2138	1.2328	8.724	1.7618	12.2084	1.73260
13500	1.1788	3.1199	5.2172	1.2345	8.775	1.7670	12.2141	1.73653
13600	1.1979	3.1435	5.2206	1.2356	8.825	1.7722	12.2199	1.74048
13700	1.2167	3.1668	5.2240	1.2373	8.876	1.7773	12.2255	1.74438
13800	1.2352	3.1897	5.2273	1.2381	8.924	1.7825	12.2305	1.74821
13900	1.2536	3.2125	5.2307	1.2397	8.975	1.7877	12.2359	1.75205
14000	1.2717	3.2349	5.2339	1.2419	9.028	1.7927	12.2403	1.75576
14100	1.2895	3.2571	5.2372	1.2429	9.077	1.7978	12.2449	1.75952
14200	1.3072	3.2790	5.2404	1.2438	9.125	1.8029	12.2494	1.76322
14300	1.3246	3.3007	5.2436	1.2457	9.177	1.8080	12.2535	1.76685
14400	1.3418	3.3221	5.2468	1.2471	9.227	1.8130	12.2574	1.77045
14500	1.3587	3.3433	5.2499	1.2486	9.277	1.8180	12.2610	1.77400
14600	1.3755	3.3642	5.2530	1.2497	9.326	1.8230	12.2645	1.77750
14700	1.3922	3.3851	5.2561	1.2504	9.374	1.8280	12.2684	1.78106
14800	1.4085	3.4055	5.2592	1.2518	9.423	1.8330	12.2713	1.78448
14900	1.4247	3.4259	5.2622	1.2527	9.472	1.8379	12.2748	1.78796
15000	1.4408	3.4460	5.2652	1.2532	9.518	1.8429	12.2782	1.79139

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
800	-6.9959	-6.5292	3.4552	1.3548	1.683	1.0000	3.5655	1.00000
900	-6.8517	-6.3339	3.5098	1.3508	1.783	1.0000	3.5938	1.00000
1000	-6.7192	-6.1554	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.5969	-5.9917	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.4829	-5.8400	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.3763	-5.6986	3.6835	1.3237	2.121	1.0000	3.7120	1.00000
1400	-6.2761	-5.5662	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.1817	-5.4418	3.7522	1.3156	2.272	1.0000	3.7680	1.00000
1600	-6.0924	-5.3245	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.0077	-5.2134	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-5.9272	-5.1081	3.8399	1.3072	2.481	1.0000	3.8426	1.00000
1900	-5.8505	-5.0079	3.8659	1.2929	2.535	1.0000	3.8649	1.00000
2000	-5.7716	-4.9070	3.8918	1.2894	2.597	1.0000	3.8973	1.00000

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2100	-5.7009	-4.8151	3.9153	1.2990	2.671	1.0000	3.9179	1.00000
2200	-5.6331	-4.7271	3.9377	1.2973	2.732	1.0000	3.9384	1.00000
2300	-5.5680	-4.6427	3.9591	1.2957	2.792	1.0000	3.9569	1.00000
2400	-5.5053	-4.5615	3.9795	1.2939	2.850	1.0000	3.9748	1.00001
2500	-5.4447	-4.4832	3.9992	1.2917	2.906	1.0000	3.9930	1.00002
2600	-5.3861	-4.4075	4.0182	1.2887	2.960	1.0001	4.0103	1.00006
2700	-5.3288	-4.3338	4.0364	1.2842	3.011	1.0001	4.0278	1.00012
2800	-5.2726	-4.2617	4.0544	1.2778	3.059	1.0002	4.0476	1.00023
2900	-5.2166	-4.1904	4.0719	1.2683	3.102	1.0004	4.0694	1.00044
3000	-5.1600	-4.1189	4.0894	1.2554	3.139	1.0008	4.0953	1.00079
3100	-5.1017	-4.0461	4.1072	1.2394	3.172	1.0014	4.1288	1.00136
3200	-5.0403	-3.9705	4.1254	1.2208	3.200	1.0022	4.1710	1.00224
3300	-4.9744	-3.8907	4.1445	1.2011	3.225	1.0035	4.2262	1.00354
3400	-4.9025	-3.8051	4.1647	1.1818	3.250	1.0054	4.2976	1.00540
3500	-4.8235	-3.7124	4.1861	1.1645	3.278	1.0079	4.3860	1.00791
3600	-4.7365	-3.6118	4.2091	1.1499	3.308	1.0112	4.4952	1.01118
3700	-4.6414	-3.5030	4.2332	1.1378	3.343	1.0153	4.6235	1.01526
3800	-4.5382	-3.3862	4.2585	1.1285	3.382	1.0202	4.7726	1.02020
3900	-4.4281	-3.2623	4.2846	1.1215	3.426	1.0259	4.9383	1.02595
4000	-4.3121	-3.1326	4.3112	1.1163	3.472	1.0325	5.1179	1.03246
4100	-4.1915	-2.9982	4.3379	1.1124	3.521	1.0397	5.3099	1.03970
4200	-4.0676	-2.8606	4.3644	1.1097	3.573	1.0475	5.5100	1.04754
4300	-3.9415	-2.7208	4.3906	1.1079	3.627	1.0559	5.7171	1.05594
4400	-3.8146	-2.5803	4.4162	1.1067	3.682	1.0648	5.9258	1.06478
4500	-3.6874	-2.4396	4.4412	1.1061	3.739	1.0740	6.1373	1.07402
4600	-3.5611	-2.2999	4.4653	1.1059	3.797	1.0836	6.3468	1.08356
4700	-3.4360	-2.1615	4.4886	1.1061	3.855	1.0934	6.5546	1.09336
4800	-3.3126	-2.0250	4.5112	1.1064	3.915	1.1034	6.7597	1.10337
4900	-3.1911	-1.8906	4.5329	1.1070	3.974	1.1136	6.9616	1.11356
5000	-3.0722	-1.7589	4.5537	1.1083	4.036	1.1239	7.1578	1.12385
5100	-2.9561	-1.6301	4.5739	1.1092	4.097	1.1345	7.3512	1.13449
5200	-2.8424	-1.5040	4.5932	1.1097	4.157	1.1450	7.5372	1.14495
5300	-2.7313	-1.3807	4.6118	1.1107	4.217	1.1554	7.7179	1.15544
5400	-2.6230	-1.2603	4.6297	1.1118	4.278	1.1660	7.8934	1.16596
5500	-2.5174	-1.1429	4.6469	1.1130	4.340	1.1765	8.0633	1.17647
5600	-2.4145	-1.0283	4.6635	1.1142	4.401	1.1870	8.2280	1.18699
5700	-2.3143	-0.9166	4.6795	1.1155	4.462	1.1975	8.3870	1.19748
5800	-2.2167	-0.8077	4.6949	1.1168	4.523	1.2080	8.5409	1.20796
5900	-2.1218	-0.7016	4.7098	1.1182	4.585	1.2184	8.6894	1.21840
6000	-2.0294	-0.5981	4.7243	1.1197	4.646	1.2288	8.8331	1.22879
6100	-1.9397	-0.4976	4.7382	1.1212	4.708	1.2391	8.9710	1.23910
6200	-1.8524	-0.3997	4.7516	1.1226	4.769	1.2494	9.1041	1.24935
6300	-1.7675	-0.3043	4.7647	1.1241	4.830	1.2596	9.2326	1.25953
6400	-1.6849	-0.2114	4.7773	1.1255	4.890	1.2697	9.3564	1.26963
6500	-1.6045	-0.1208	4.7895	1.1269	4.951	1.2797	9.4759	1.27965
6600	-1.5262	-0.0326	4.8014	1.1284	5.011	1.2896	9.5910	1.28957
6700	-1.4500	0.0534	4.8129	1.1298	5.072	1.2995	9.7020	1.29940
6800	-1.3758	0.1373	4.8241	1.1313	5.132	1.3092	9.8091	1.30915
6900	-1.3036	0.2190	4.8350	1.1328	5.192	1.3189	9.9121	1.31880
7000	-1.2333	0.2988	4.8456	1.1343	5.252	1.3285	10.0116	1.32836
7100	-1.1648	0.3765	4.8559	1.1359	5.312	1.3379	10.1071	1.33782
7200	-1.0982	0.4523	4.8659	1.1373	5.371	1.3473	10.1990	1.34718
7300	-1.0332	0.5262	4.8756	1.1389	5.431	1.3566	10.2878	1.35645
7400	-0.9698	0.5984	4.8851	1.1404	5.490	1.3658	10.3730	1.36562
7500	-0.9082	0.6688	4.8944	1.1420	5.549	1.3749	10.4550	1.37468

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-0.8480	0.7375	4.9034	1.1435	5.608	1.3839	10.5340	1.38365
7700	-0.7893	0.8047	4.9122	1.1449	5.666	1.3928	10.6101	1.39250
7800	-0.7321	0.8702	4.9208	1.1464	5.725	1.4016	10.6831	1.40125
7900	-0.6762	0.9343	4.9292	1.1478	5.783	1.4103	10.7536	1.40989
8000	-0.6217	0.9969	4.9374	1.1492	5.841	1.4189	10.8216	1.41843
8100	-0.5684	1.0582	4.9454	1.1506	5.898	1.4274	10.8871	1.42684
8200	-0.5164	1.1181	4.9532	1.1519	5.955	1.4358	10.9502	1.43515
8300	-0.4655	1.1767	4.9609	1.1533	6.012	1.4440	11.0111	1.44335
8400	-0.4158	1.2341	4.9684	1.1547	6.069	1.4522	11.0699	1.45145
8500	-0.3673	1.2902	4.9758	1.1561	6.126	1.4603	11.1265	1.45944
8600	-0.3198	1.3451	4.9830	1.1574	6.182	1.4683	11.1810	1.46733
8700	-0.2733	1.3990	4.9900	1.1589	6.239	1.4762	11.2337	1.47512
8800	-0.2278	1.4517	4.9970	1.1604	6.295	1.4840	11.2846	1.48281
8900	-0.1834	1.5033	5.0038	1.1618	6.351	1.4917	11.3334	1.49039
9000	-0.1399	1.5539	5.0104	1.1632	6.407	1.4994	11.3806	1.49789
9100	-0.0973	1.6034	5.0169	1.1647	6.462	1.5069	11.4258	1.50527
9200	-0.0557	1.6520	5.0233	1.1662	6.518	1.5144	11.4696	1.51257
9300	-0.0149	1.6995	5.0296	1.1678	6.574	1.5217	11.5117	1.51977
9400	0.0250	1.7462	5.0358	1.1692	6.629	1.5291	11.5522	1.52689
9500	0.0641	1.7919	5.0418	1.1708	6.685	1.5363	11.5911	1.53391
9600	0.1024	1.8368	5.0478	1.1725	6.740	1.5435	11.6286	1.54086
9700	0.1399	1.8808	5.0536	1.1739	6.795	1.5506	11.6647	1.54772
9800	0.1767	1.9239	5.0594	1.1753	6.849	1.5576	11.6996	1.55449
9900	0.2127	1.9663	5.0650	1.1768	6.904	1.5645	11.7329	1.56116
10000	0.2479	2.0078	5.0706	1.1782	6.958	1.5714	11.7648	1.56773
10100	0.2825	2.0486	5.0760	1.1764	7.002	1.5781	11.7953	1.57417
10200	0.3183	2.0906	5.0818	1.1779	7.057	1.5853	11.8350	1.58092
10300	0.3516	2.1300	5.0870	1.1828	7.121	1.5919	11.8633	1.58723
10400	0.3842	2.1685	5.0922	1.1846	7.176	1.5985	11.8902	1.59341
10500	0.4160	2.2062	5.0973	1.1860	7.229	1.6049	11.9157	1.59949
10600	0.4474	2.2435	5.1023	1.1874	7.283	1.6114	11.9405	1.60551
10700	0.4781	2.2800	5.1073	1.1890	7.336	1.6177	11.9642	1.61144
10800	0.5083	2.3159	5.1121	1.1904	7.389	1.6240	11.9862	1.61724
10900	0.5380	2.3512	5.1169	1.1921	7.443	1.6302	12.0081	1.62302
11000	0.5670	2.3859	5.1216	1.1937	7.496	1.6364	12.0289	1.62868
11100	0.5955	2.4199	5.1263	1.1952	7.549	1.6425	12.0484	1.63425
11200	0.6236	2.4535	5.1308	1.1970	7.602	1.6486	12.0677	1.63981
11300	0.6510	2.4863	5.1353	1.1989	7.656	1.6545	12.0849	1.64516
11400	0.6779	2.5187	5.1398	1.1999	7.707	1.6605	12.1019	1.65051
11500	0.7046	2.5507	5.1442	1.2016	7.760	1.6664	12.1188	1.65582
11600	0.7306	2.5819	5.1485	1.2033	7.813	1.6722	12.1338	1.66097
11700	0.7563	2.6128	5.1527	1.2047	7.864	1.6780	12.1487	1.66609
11800	0.7814	2.6432	5.1569	1.2065	7.917	1.6837	12.1627	1.67112
11900	0.8063	2.6732	5.1611	1.2081	7.970	1.6895	12.1766	1.67615
12000	0.8305	2.7025	5.1651	1.2098	8.022	1.6951	12.1888	1.68099
12100	0.8545	2.7315	5.1692	1.2114	8.074	1.7007	12.2010	1.68584
12200	0.8780	2.7600	5.1732	1.2128	8.125	1.7063	12.2124	1.69060
12300	0.9013	2.7883	5.1771	1.2144	8.177	1.7119	12.2239	1.69535
12400	0.9240	2.8158	5.1810	1.2163	8.230	1.7173	12.2336	1.69993
12500	0.9464	2.8432	5.1848	1.2177	8.281	1.7228	12.2436	1.70451
12600	0.9685	2.8701	5.1886	1.2198	8.334	1.7282	12.2528	1.70901
12700	0.9902	2.8965	5.1924	1.2216	8.386	1.7336	12.2616	1.71346
12800	1.0115	2.9226	5.1960	1.2223	8.435	1.7389	12.2694	1.71780
12900	1.0326	2.9484	5.1997	1.2239	8.486	1.7442	12.2774	1.72215
13000	1.0534	2.9739	5.2033	1.2258	8.538	1.7495	12.2851	1.72644

S/R= 41.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13100	1.0738	2.9989	5.2069	1.2273	8.589	1.7548	12.2919	1.73064
13200	1.0939	3.0236	5.2104	1.2292	8.642	1.7600	12.2983	1.73478
13300	1.1137	3.0479	5.2139	1.2304	8.691	1.7652	12.3042	1.73885
13400	1.1334	3.0721	5.2174	1.2323	8.743	1.7704	12.3103	1.74293
13500	1.1525	3.0957	5.2208	1.2340	8.795	1.7754	12.3153	1.74687
13600	1.1715	3.1192	5.2242	1.2351	8.844	1.7806	12.3205	1.75083
13700	1.1903	3.1424	5.2275	1.2368	8.895	1.7857	12.3254	1.75473
13800	1.2087	3.1652	5.2308	1.2376	8.943	1.7907	12.3298	1.75858
13900	1.2271	3.1880	5.2341	1.2389	8.993	1.7958	12.3346	1.76243
14000	1.2451	3.2102	5.2374	1.2410	9.045	1.8008	12.3383	1.76614
14100	1.2628	3.2323	5.2406	1.2421	9.094	1.8058	12.3423	1.76991
14200	1.2804	3.2542	5.2438	1.2430	9.142	1.8108	12.3462	1.77361
14300	1.2978	3.2758	5.2470	1.2447	9.193	1.8158	12.3495	1.77725
14400	1.3149	3.2971	5.2501	1.2462	9.243	1.8207	12.3527	1.78086
14500	1.3318	3.3182	5.2532	1.2476	9.293	1.8256	12.3558	1.78442
14600	1.3485	3.3390	5.2563	1.2485	9.341	1.8304	12.3584	1.78793
14700	1.3651	3.3598	5.2594	1.2495	9.389	1.8354	12.3617	1.79149
14800	1.3814	3.3801	5.2624	1.2509	9.439	1.8402	12.3641	1.79492
14900	1.3976	3.4004	5.2655	1.2516	9.486	1.8451	12.3671	1.79841
15000	1.4137	3.4205	5.2685	1.2520	9.531	1.8499	12.3698	1.80185

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
900	-6.9386	-6.4208	3.5098	1.3465	1.780	1.0000	3.5938	1.00000
1000	-6.8060	-6.2422	3.5589	1.3426	1.874	1.0000	3.6218	1.00000
1100	-6.6837	-6.0786	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.5698	-5.9268	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.4632	-5.7855	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-6.3630	-5.6531	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.2686	-5.5287	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-6.1792	-5.4113	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.0945	-5.3003	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.0140	-5.1950	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-5.9373	-5.0948	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-5.8584	-4.9938	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.7877	-4.9019	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.7200	-4.8140	3.9377	1.2973	2.732	1.0000	3.9384	1.00000
2300	-5.6548	-4.7295	3.9591	1.2956	2.791	1.0000	3.9569	1.00000
2400	-5.5921	-4.6483	3.9795	1.2938	2.850	1.0000	3.9748	1.00001
2500	-5.5315	-4.5700	3.9993	1.2915	2.906	1.0000	3.9932	1.00002
2600	-5.4728	-4.4942	4.0182	1.2883	2.960	1.0001	4.0105	1.00006
2700	-5.4154	-4.4204	4.0365	1.2835	3.011	1.0001	4.0283	1.00013
2800	-5.3590	-4.3481	4.0545	1.2765	3.058	1.0003	4.0486	1.00026
2900	-5.3026	-4.2764	4.0721	1.2662	3.099	1.0005	4.0712	1.00049
3000	-5.2454	-4.2043	4.0897	1.2524	3.136	1.0009	4.0984	1.00087
3100	-5.1862	-4.1306	4.1077	1.2356	3.167	1.0015	4.1340	1.00150
3200	-5.1235	-4.0537	4.1262	1.2162	3.194	1.0025	4.1791	1.00246
3300	-5.0558	-3.9720	4.1457	1.1960	3.219	1.0039	4.2384	1.00389
3400	-4.9816	-3.8839	4.1665	1.1767	3.244	1.0059	4.3151	1.00591
3500	-4.8996	-3.7882	4.1885	1.1597	3.272	1.0086	4.4100	1.00863
3600	-4.8093	-3.6842	4.2121	1.1455	3.304	1.0121	4.5266	1.01215
3700	-4.7105	-3.5716	4.2369	1.1341	3.340	1.0165	4.6630	1.01651
3800	-4.6036	-3.4509	4.2629	1.1253	3.380	1.0218	4.8205	1.02176
3900	-4.4897	-3.3231	4.2896	1.1188	3.424	1.0278	4.9945	1.02783

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-4.3701	-3.1897	4.3166	1.1139	3.472	1.0347	5.1822	1.03467
4100	-4.2461	-3.0517	4.3437	1.1104	3.523	1.0422	5.3817	1.04222
4200	-4.1191	-2.9109	4.3706	1.1080	3.575	1.0504	5.5886	1.05037
4300	-3.9901	-2.7681	4.3970	1.1064	3.630	1.0591	5.8019	1.05906
4400	-3.8606	-2.6249	4.4228	1.1055	3.686	1.0682	6.0162	1.06817
4500	-3.7311	-2.4818	4.4479	1.1050	3.743	1.0777	6.2327	1.07768
4600	-3.6027	-2.3400	4.4721	1.1050	3.802	1.0875	6.4466	1.08747
4700	-3.4758	-2.1997	4.4955	1.1052	3.861	1.0975	6.6582	1.09751
4800	-3.3507	-2.0615	4.5180	1.1057	3.921	1.1078	6.8670	1.10776
4900	-3.2279	-1.9256	4.5397	1.1063	3.981	1.1182	7.0718	1.11816
5000	-3.1076	-1.7925	4.5605	1.1077	4.043	1.1287	7.2707	1.12866
5100	-2.9903	-1.6624	4.5807	1.1087	4.105	1.1395	7.4667	1.13949
5200	-2.8756	-1.5352	4.5999	1.1092	4.165	1.1501	7.6547	1.15014
5300	-2.7636	-1.4109	4.6185	1.1102	4.226	1.1608	7.8374	1.16081
5400	-2.6544	-1.2897	4.6363	1.1114	4.288	1.1715	8.0144	1.17149
5500	-2.5480	-1.1714	4.6534	1.1126	4.349	1.1822	8.1858	1.18217
5600	-2.4444	-1.0561	4.6700	1.1139	4.411	1.1928	8.3517	1.19285
5700	-2.3436	-0.9437	4.6859	1.1152	4.473	1.2035	8.5119	1.20349
5800	-2.2455	-0.8342	4.7013	1.1165	4.534	1.2141	8.6669	1.21412
5900	-2.1500	-0.7275	4.7161	1.1179	4.596	1.2247	8.8164	1.22470
6000	-2.0571	-0.6236	4.7305	1.1194	4.658	1.2352	8.9607	1.23523
6100	-1.9670	-0.5226	4.7443	1.1210	4.720	1.2457	9.0995	1.24568
6200	-1.8793	-0.4243	4.7577	1.1224	4.781	1.2561	9.2331	1.25606
6300	-1.7940	-0.3285	4.7707	1.1238	4.842	1.2664	9.3623	1.26637
6400	-1.7112	-0.2353	4.7833	1.1253	4.903	1.2766	9.4864	1.27658
6500	-1.6304	-0.1444	4.7955	1.1267	4.964	1.2868	9.6062	1.28672
6600	-1.5519	-0.0559	4.8073	1.1282	5.025	1.2968	9.7216	1.29676
6700	-1.4755	0.0304	4.8188	1.1296	5.086	1.3068	9.8329	1.30670
6800	-1.4010	0.1145	4.8299	1.1312	5.146	1.3166	9.9403	1.31656
6900	-1.3287	0.1965	4.8407	1.1327	5.207	1.3264	10.0435	1.32631
7000	-1.2581	0.2764	4.8513	1.1341	5.267	1.3361	10.1429	1.33597
7100	-1.1895	0.3543	4.8615	1.1357	5.327	1.3457	10.2386	1.34554
7200	-1.1227	0.4302	4.8715	1.1372	5.387	1.3551	10.3305	1.35500
7300	-1.0576	0.5043	4.8812	1.1388	5.446	1.3645	10.4192	1.36436
7400	-0.9941	0.5767	4.8906	1.1404	5.506	1.3738	10.5045	1.37362
7500	-0.9323	0.6472	4.8998	1.1419	5.565	1.3830	10.5864	1.38277
7600	-0.8721	0.7160	4.9088	1.1434	5.624	1.3921	10.6653	1.39182
7700	-0.8133	0.7833	4.9175	1.1449	5.683	1.4011	10.7413	1.40076
7800	-0.7560	0.8489	4.9261	1.1463	5.742	1.4099	10.8142	1.40959
7900	-0.7001	0.9130	4.9344	1.1478	5.800	1.4187	10.8845	1.41831
8000	-0.6455	0.9758	4.9426	1.1492	5.858	1.4274	10.9522	1.42692
8100	-0.5921	1.0371	4.9506	1.1506	5.916	1.4359	11.0176	1.43541
8200	-0.5401	1.0970	4.9584	1.1519	5.973	1.4444	11.0803	1.44379
8300	-0.4892	1.1557	4.9660	1.1533	6.030	1.4527	11.1409	1.45206
8400	-0.4395	1.2131	4.9735	1.1548	6.087	1.4610	11.1994	1.46023
8500	-0.3908	1.2692	4.9808	1.1561	6.144	1.4691	11.2558	1.46828
8600	-0.3433	1.3242	4.9880	1.1575	6.201	1.4771	11.3099	1.47624
8700	-0.2969	1.3780	4.9950	1.1589	6.258	1.4851	11.3622	1.48409
8800	-0.2514	1.4307	5.0019	1.1605	6.314	1.4930	11.4126	1.49184
8900	-0.2070	1.4823	5.0086	1.1619	6.370	1.5007	11.4613	1.49948
9000	-0.1635	1.5329	5.0152	1.1633	6.426	1.5084	11.5080	1.50703
9100	-0.1209	1.5824	5.0217	1.1647	6.482	1.5160	11.5529	1.51447
9200	-0.0793	1.6309	5.0281	1.1663	6.538	1.5235	11.5961	1.52182
9300	-0.0385	1.6785	5.0344	1.1679	6.594	1.5310	11.6377	1.52908
9400	0.0014	1.7251	5.0405	1.1693	6.649	1.5383	11.6778	1.53624

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	0.0404	1.7708	5.0465	1.1709	6.705	1.5456	11.7162	1.54330
9600	0.0787	1.8156	5.0524	1.1725	6.761	1.5528	11.7533	1.55030
9700	0.1161	1.8596	5.0582	1.1739	6.815	1.5599	11.7890	1.55721
9800	0.1528	1.9027	5.0640	1.1754	6.870	1.5670	11.8232	1.56402
9900	0.1888	1.9450	5.0696	1.1769	6.925	1.5739	11.8561	1.57073
10000	0.2240	1.9865	5.0751	1.1783	6.979	1.5808	11.8874	1.57733
10100	0.2586	2.0272	5.0805	1.1765	7.024	1.5876	11.9175	1.58380
10200	0.2943	2.0692	5.0862	1.1780	7.079	1.5947	11.9564	1.59060
10300	0.3275	2.1085	5.0914	1.1829	7.143	1.6014	11.9843	1.59694
10400	0.3600	2.1469	5.0966	1.1847	7.198	1.6080	12.0106	1.60316
10500	0.3918	2.1846	5.1017	1.1861	7.251	1.6144	12.0356	1.60926
10600	0.4232	2.2218	5.1066	1.1875	7.304	1.6209	12.0598	1.61531
10700	0.4538	2.2583	5.1116	1.1891	7.358	1.6272	12.0828	1.62127
10800	0.4839	2.2940	5.1164	1.1905	7.411	1.6335	12.1043	1.62710
10900	0.5135	2.3293	5.1211	1.1921	7.464	1.6397	12.1256	1.63290
11000	0.5425	2.3639	5.1258	1.1938	7.518	1.6459	12.1457	1.63860
11100	0.5709	2.3979	5.1304	1.1954	7.571	1.6520	12.1646	1.64419
11200	0.5990	2.4314	5.1350	1.1972	7.625	1.6581	12.1833	1.64976
11300	0.6262	2.4640	5.1394	1.1989	7.678	1.6640	12.1999	1.65514
11400	0.6531	2.4963	5.1438	1.1999	7.729	1.6699	12.2163	1.66050
11500	0.6798	2.5283	5.1482	1.2016	7.782	1.6759	12.2325	1.66583
11600	0.7056	2.5594	5.1525	1.2033	7.835	1.6816	12.2468	1.67100
11700	0.7312	2.5902	5.1567	1.2048	7.887	1.6874	12.2611	1.67614
11800	0.7563	2.6205	5.1609	1.2065	7.939	1.6931	12.2744	1.68119
11900	0.7811	2.6504	5.1650	1.2082	7.992	1.6988	12.2878	1.68623
12000	0.8053	2.6796	5.1691	1.2098	8.044	1.7044	12.2993	1.69108
12100	0.8292	2.7085	5.1731	1.2112	8.095	1.7100	12.3109	1.69595
12200	0.8526	2.7369	5.1770	1.2127	8.147	1.7155	12.3216	1.70072
12300	0.8758	2.7651	5.1810	1.2143	8.199	1.7211	12.3323	1.70548
12400	0.8984	2.7926	5.1848	1.2162	8.251	1.7265	12.3413	1.71007
12500	0.9208	2.8198	5.1886	1.2175	8.302	1.7319	12.3507	1.71467
12600	0.9428	2.8466	5.1924	1.2196	8.355	1.7373	12.3592	1.71918
12700	0.9644	2.8730	5.1961	1.2214	8.407	1.7426	12.3673	1.72363
12800	0.9856	2.8989	5.1997	1.2222	8.456	1.7478	12.3745	1.72798
12900	1.0067	2.9247	5.2034	1.2237	8.507	1.7531	12.3819	1.73234
13000	1.0274	2.9500	5.2070	1.2255	8.559	1.7584	12.3889	1.73664
13100	1.0478	2.9750	5.2105	1.2269	8.609	1.7636	12.3950	1.74085
13200	1.0678	2.9996	5.2140	1.2288	8.661	1.7687	12.4008	1.74500
13300	1.0875	3.0238	5.2175	1.2300	8.711	1.7738	12.4060	1.74907
13400	1.1071	3.0479	5.2209	1.2319	8.763	1.7789	12.4115	1.75316
13500	1.1261	3.0714	5.2243	1.2334	8.814	1.7839	12.4156	1.75711
13600	1.1451	3.0948	5.2277	1.2346	8.863	1.7890	12.4202	1.76107
13700	1.1638	3.1179	5.2310	1.2364	8.914	1.7940	12.4245	1.76498
13800	1.1821	3.1406	5.2343	1.2372	8.962	1.7989	12.4283	1.76883
13900	1.2005	3.1633	5.2376	1.2384	9.011	1.8040	12.4323	1.77269
14000	1.2184	3.1855	5.2408	1.2403	9.063	1.8088	12.4355	1.77641
14100	1.2361	3.2075	5.2440	1.2413	9.111	1.8138	12.4388	1.78018
14200	1.2536	3.2292	5.2472	1.2423	9.159	1.8187	12.4420	1.78389
14300	1.2709	3.2508	5.2503	1.2440	9.210	1.8235	12.4446	1.78753
14400	1.2880	3.2720	5.2534	1.2453	9.259	1.8283	12.4471	1.79115
14500	1.3048	3.2930	5.2565	1.2468	9.309	1.8331	12.4495	1.79471
14600	1.3214	3.3137	5.2596	1.2476	9.356	1.8379	12.4515	1.79822
14700	1.3380	3.3344	5.2626	1.2485	9.404	1.8427	12.4541	1.80178
14800	1.3542	3.3546	5.2656	1.2499	9.453	1.8474	12.4558	1.80522
14900	1.3704	3.3749	5.2686	1.2507	9.500	1.8522	12.4582	1.80871

S/R= 41.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	1.3864	3.3949	5.2716	1.2512	9.546	1.8569	12.4603	1.81216

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-6.8929	-6.3291	3.5589	1.3384	1.871	1.0000	3.6218	1.00000
1100	-6.7706	-6.1654	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.6567	-6.0137	3.6453	1.3289	2.042	1.0000	3.6823	1.00000
1300	-6.5500	-5.8723	3.6835	1.3237	2.121	1.0000	3.7119	1.00000
1400	-6.4499	-5.7400	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.3554	-5.6156	3.7522	1.3156	2.272	1.0000	3.7681	1.00000
1600	-6.2661	-5.4982	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.1814	-5.3872	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.1009	-5.2818	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-6.0242	-5.1817	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-5.9453	-5.0807	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.8746	-4.9888	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.8069	-4.9008	3.9377	1.2972	2.732	1.0000	3.9385	1.00000
2300	-5.7417	-4.8163	3.9591	1.2956	2.791	1.0000	3.9569	1.00001
2400	-5.6790	-4.7351	3.9795	1.2937	2.849	1.0000	3.9749	1.00001
2500	-5.6184	-4.6568	3.9993	1.2912	2.905	1.0000	3.9933	1.00003
2600	-5.5595	-4.5809	4.0182	1.2878	2.959	1.0001	4.0109	1.00007
2700	-5.5020	-4.5070	4.0365	1.2827	3.010	1.0001	4.0289	1.00014
2800	-5.4453	-4.4344	4.0546	1.2751	3.056	1.0003	4.0498	1.00028
2900	-5.3886	-4.3623	4.0723	1.2639	3.097	1.0005	4.0732	1.00054
3000	-5.3307	-4.2896	4.0901	1.2493	3.132	1.0010	4.1019	1.00097
3100	-5.2705	-4.2148	4.1083	1.2315	3.162	1.0017	4.1397	1.00166
3200	-5.2064	-4.1364	4.1272	1.2114	3.188	1.0027	4.1881	1.00271
3300	-5.1367	-4.0527	4.1471	1.1908	3.213	1.0043	4.2518	1.00427
3400	-5.0599	-3.9620	4.1684	1.1717	3.238	1.0065	4.3342	1.00647
3500	-4.9749	-3.8632	4.1910	1.1550	3.267	1.0094	4.4359	1.00941
3600	-4.8811	-3.7555	4.2153	1.1414	3.299	1.0132	4.5602	1.01319
3700	-4.7786	-3.6391	4.2408	1.1305	3.337	1.0178	4.7050	1.01785
3800	-4.6677	-3.5143	4.2674	1.1222	3.378	1.0234	4.8711	1.02341
3900	-4.5501	-3.3827	4.2947	1.1162	3.424	1.0298	5.0535	1.02980
4000	-4.4269	-3.2454	4.3222	1.1118	3.473	1.0370	5.2492	1.03696
4100	-4.2994	-3.1040	4.3497	1.1086	3.524	1.0448	5.4561	1.04483
4200	-4.1693	-2.9599	4.3768	1.1065	3.578	1.0533	5.6698	1.05329
4300	-4.0375	-2.8142	4.4035	1.1051	3.633	1.0623	5.8893	1.06227
4400	-3.9056	-2.6685	4.4294	1.1043	3.690	1.0717	6.1090	1.07166
4500	-3.7739	-2.5230	4.4546	1.1040	3.748	1.0814	6.3303	1.08143
4600	-3.6435	-2.3791	4.4789	1.1040	3.807	1.0915	6.5484	1.09147
4700	-3.5148	-2.2370	4.5023	1.1044	3.867	1.1017	6.7639	1.10175
4800	-3.3881	-2.0971	4.5248	1.1050	3.928	1.1122	6.9760	1.11221
4900	-3.2638	-1.9597	4.5465	1.1057	3.988	1.1228	7.1836	1.12283
5000	-3.1423	-1.8253	4.5673	1.1071	4.051	1.1335	7.3852	1.13352
5100	-3.0238	-1.6940	4.5874	1.1081	4.113	1.1446	7.5835	1.14455
5200	-2.9081	-1.5658	4.6066	1.1087	4.174	1.1554	7.7736	1.15538
5300	-2.7952	-1.4405	4.6251	1.1098	4.235	1.1662	7.9582	1.16623
5400	-2.6852	-1.3184	4.6428	1.1109	4.297	1.1771	8.1367	1.17708
5500	-2.5781	-1.1993	4.6599	1.1122	4.359	1.1879	8.3096	1.18792
5600	-2.4739	-1.0833	4.6764	1.1136	4.421	1.1988	8.4766	1.19875
5700	-2.3724	-0.9703	4.6923	1.1149	4.483	1.2096	8.6381	1.20955
5800	-2.2738	-0.8602	4.7076	1.1162	4.545	1.2203	8.7938	1.22033
5900	-2.1778	-0.7530	4.7224	1.1176	4.607	1.2311	8.9443	1.23105

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-2.0844	-0.6487	4.7367	1.1192	4.670	1.2417	9.0893	1.24172
6100	-1.9939	-0.5472	4.7505	1.1207	4.732	1.2523	9.2288	1.25230
6200	-1.9059	-0.4485	4.7638	1.1221	4.793	1.2628	9.3629	1.26280
6300	-1.8202	-0.3524	4.7767	1.1236	4.855	1.2733	9.4925	1.27324
6400	-1.7370	-0.2588	4.7892	1.1251	4.916	1.2836	9.6171	1.28357
6500	-1.6560	-0.1677	4.8013	1.1265	4.977	1.2939	9.7372	1.29383
6600	-1.5772	-0.0788	4.8131	1.1280	5.039	1.3040	9.8530	1.30398
6700	-1.5006	0.0077	4.8245	1.1295	5.100	1.3141	9.9645	1.31403
6800	-1.4260	0.0921	4.8356	1.1310	5.160	1.3241	10.0720	1.32400
6900	-1.3534	0.1742	4.8464	1.1326	5.221	1.3339	10.1753	1.33386
7000	-1.2827	0.2543	4.8569	1.1341	5.281	1.3437	10.2748	1.34362
7100	-1.2139	0.3324	4.8671	1.1356	5.342	1.3534	10.3707	1.35328
7200	-1.1469	0.4085	4.8770	1.1371	5.402	1.3630	10.4626	1.36284
7300	-1.0817	0.4827	4.8866	1.1387	5.462	1.3724	10.5511	1.37229
7400	-1.0181	0.5552	4.8960	1.1403	5.522	1.3818	10.6364	1.38165
7500	-0.9562	0.6258	4.9052	1.1418	5.581	1.3911	10.7182	1.39088
7600	-0.8959	0.6947	4.9141	1.1434	5.641	1.4003	10.7969	1.40002
7700	-0.8370	0.7621	4.9228	1.1448	5.700	1.4093	10.8727	1.40903
7800	-0.7796	0.8278	4.9313	1.1463	5.758	1.4183	10.9455	1.41795
7900	-0.7237	0.8920	4.9396	1.1477	5.817	1.4271	11.0155	1.42675
8000	-0.6690	0.9548	4.9477	1.1492	5.875	1.4359	11.0830	1.43543
8100	-0.6157	1.0161	4.9557	1.1505	5.933	1.4445	11.1481	1.44400
8200	-0.5636	1.0761	4.9634	1.1519	5.991	1.4530	11.2107	1.45244
8300	-0.5127	1.1348	4.9710	1.1533	6.048	1.4614	11.2709	1.46079
8400	-0.4629	1.1922	4.9785	1.1548	6.106	1.4697	11.3290	1.46901
8500	-0.4143	1.2484	4.9858	1.1561	6.163	1.4779	11.3851	1.47714
8600	-0.3668	1.3034	4.9929	1.1575	6.220	1.4860	11.4390	1.48515
8700	-0.3203	1.3572	4.9999	1.1590	6.276	1.4940	11.4908	1.49306
8800	-0.2748	1.4099	5.0067	1.1605	6.333	1.5020	11.5408	1.50087
8900	-0.2304	1.4615	5.0134	1.1620	6.390	1.5098	11.5891	1.50857
9000	-0.1869	1.5120	5.0200	1.1633	6.446	1.5175	11.6354	1.51618
9100	-0.1444	1.5615	5.0265	1.1648	6.502	1.5251	11.6798	1.52367
9200	-0.1028	1.6100	5.0328	1.1664	6.558	1.5327	11.7226	1.53107
9300	-0.0621	1.6576	5.0390	1.1679	6.614	1.5402	11.7637	1.53837
9400	-0.0222	1.7042	5.0451	1.1694	6.670	1.5475	11.8034	1.54558
9500	0.0168	1.7498	5.0511	1.1710	6.725	1.5548	11.8413	1.55269
9600	0.0550	1.7946	5.0570	1.1726	6.781	1.5621	11.8779	1.55973
9700	0.0925	1.8385	5.0628	1.1741	6.836	1.5693	11.9130	1.56668
9800	0.1291	1.8816	5.0685	1.1755	6.891	1.5763	11.9467	1.57353
9900	0.1650	1.9238	5.0741	1.1770	6.946	1.5833	11.9790	1.58028
10000	0.2002	1.9653	5.0795	1.1784	7.000	1.5902	12.0099	1.58692
10100	0.2347	2.0059	5.0849	1.1766	7.045	1.5970	12.0393	1.59342
10200	0.2703	2.0478	5.0906	1.1781	7.100	1.6042	12.0777	1.60026
10300	0.3035	2.0870	5.0958	1.1830	7.164	1.6108	12.1049	1.60663
10400	0.3359	2.1254	5.1009	1.1849	7.219	1.6174	12.1306	1.61288
10500	0.3676	2.1630	5.1059	1.1863	7.273	1.6239	12.1550	1.61901
10600	0.3989	2.2001	5.1109	1.1876	7.326	1.6304	12.1787	1.62508
10700	0.4295	2.2365	5.1158	1.1892	7.380	1.6367	12.2011	1.63107
10800	0.4595	2.2722	5.1206	1.1906	7.433	1.6430	12.2219	1.63692
10900	0.4891	2.3074	5.1253	1.1922	7.486	1.6492	12.2426	1.64275
11000	0.5180	2.3419	5.1300	1.1939	7.540	1.6554	12.2621	1.64846
11100	0.5464	2.3758	5.1345	1.1955	7.593	1.6615	12.2803	1.65407
11200	0.5743	2.4092	5.1391	1.1973	7.647	1.6676	12.2984	1.65967
11300	0.6015	2.4418	5.1435	1.1991	7.700	1.6735	12.3143	1.66506
11400	0.6283	2.4740	5.1479	1.1999	7.751	1.6794	12.3302	1.67044

S/R= 42.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	0.6549	2.5059	5.1522	1.2017	7.804	1.6853	12.3457	1.67579
11600	0.6807	2.5369	5.1565	1.2034	7.857	1.6910	12.3594	1.68097
11700	0.7062	2.5676	5.1607	1.2048	7.908	1.6968	12.3729	1.68613
11800	0.7312	2.5978	5.1648	1.2065	7.961	1.7024	12.3856	1.69119
11900	0.7559	2.6276	5.1689	1.2082	8.014	1.7081	12.3983	1.69624
12000	0.7800	2.6567	5.1729	1.2100	8.066	1.7137	12.4091	1.70111
12100	0.8038	2.6855	5.1769	1.2113	8.117	1.7192	12.4200	1.70598
12200	0.8272	2.7138	5.1808	1.2126	8.168	1.7247	12.4300	1.71076
12300	0.8503	2.7419	5.1847	1.2142	8.220	1.7302	12.4402	1.71554
12400	0.8728	2.7693	5.1885	1.2161	8.273	1.7356	12.4485	1.72014
12500	0.8951	2.7964	5.1923	1.2175	8.324	1.7410	12.4571	1.72474
12600	0.9170	2.8231	5.1961	1.2195	8.377	1.7463	12.4650	1.72926
12700	0.9385	2.8494	5.1998	1.2212	8.428	1.7515	12.4723	1.73372
12800	0.9597	2.8752	5.2034	1.2221	8.477	1.7567	12.4789	1.73808
12900	0.9807	2.9009	5.2070	1.2236	8.528	1.7620	12.4856	1.74244
13000	1.0013	2.9261	5.2106	1.2253	8.580	1.7672	12.4918	1.74674
13100	1.0216	2.9510	5.2141	1.2266	8.630	1.7723	12.4974	1.75096
13200	1.0416	2.9755	5.2176	1.2285	8.682	1.7773	12.5024	1.75511
13300	1.0612	2.9996	5.2210	1.2297	8.731	1.7824	12.5069	1.75919
13400	1.0807	3.0236	5.2244	1.2315	8.782	1.7874	12.5116	1.76328
13500	1.0997	3.0470	5.2278	1.2331	8.833	1.7924	12.5152	1.76724
13600	1.1186	3.0703	5.2311	1.2341	8.882	1.7973	12.5190	1.77120
13700	1.1372	3.0933	5.2344	1.2359	8.933	1.8022	12.5225	1.77511
13800	1.1555	3.1159	5.2377	1.2367	8.980	1.8071	12.5257	1.77896
13900	1.1737	3.1385	5.2409	1.2380	9.030	1.8121	12.5292	1.78282
14000	1.1916	3.1606	5.2441	1.2400	9.082	1.8169	12.5317	1.78655
14100	1.2092	3.1825	5.2473	1.2407	9.129	1.8217	12.5344	1.79033
14200	1.2267	3.2042	5.2505	1.2414	9.176	1.8265	12.5367	1.79404
14300	1.2439	3.2256	5.2536	1.2432	9.227	1.8313	12.5389	1.79769
14400	1.2609	3.2467	5.2567	1.2445	9.276	1.8360	12.5407	1.80130
14500	1.2777	3.2676	5.2597	1.2460	9.325	1.8407	12.5423	1.80486
14600	1.2942	3.2883	5.2628	1.2467	9.372	1.8453	12.5437	1.80838
14700	1.3108	3.3089	5.2658	1.2475	9.419	1.8501	12.5456	1.81194
14800	1.3269	3.3290	5.2688	1.2490	9.468	1.8546	12.5467	1.81539
14900	1.3430	3.3491	5.2718	1.2497	9.515	1.8593	12.5484	1.81888
15000	1.3590	3.3691	5.2747	1.2501	9.560	1.8639	12.5498	1.82233

S/R= 42.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1000	-6.9798	-6.4160	3.5589	1.3384	1.871	1.0000	3.6218	1.00000
1100	-6.8574	-6.2523	3.6039	1.3352	1.960	1.0000	3.6521	1.00000
1200	-6.7435	-6.1006	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.6369	-5.9592	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-6.5367	-5.8268	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.4423	-5.7024	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-6.3530	-5.5851	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.2683	-5.4740	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.1878	-5.3687	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-6.1111	-5.2685	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-6.0322	-5.1675	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-5.9615	-5.0757	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.8937	-4.9877	3.9378	1.2972	2.732	1.0000	3.9385	1.00000
2300	-5.8285	-4.9032	3.9591	1.2955	2.791	1.0000	3.9570	1.00001
2400	-5.7658	-4.8220	3.9795	1.2936	2.849	1.0000	3.9750	1.00001

S/R= 42.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2500	-5.7051	-4.7436	3.9993	1.2910	2.905	1.0000	3.9934	1.00003
2600	-5.6463	-4.6677	4.0182	1.2872	2.958	1.0001	4.0112	1.00007
2700	-5.5886	-4.5936	4.0366	1.2818	3.009	1.0002	4.0295	1.00016
2800	-5.5316	-4.5207	4.0547	1.2736	3.054	1.0003	4.0510	1.00031
2900	-5.4744	-4.4482	4.0726	1.2615	3.094	1.0006	4.0755	1.00060
3000	-5.4159	-4.3747	4.0905	1.2460	3.128	1.0011	4.1058	1.00107
3100	-5.3545	-4.2988	4.1090	1.2273	3.157	1.0018	4.1460	1.00182
3200	-5.2888	-4.2188	4.1282	1.2064	3.182	1.0030	4.1979	1.00298
3300	-5.2170	-4.1329	4.1486	1.1856	3.206	1.0047	4.2663	1.00469
3400	-5.1375	-4.0394	4.1704	1.1667	3.232	1.0071	4.3548	1.00707
3500	-5.0493	-3.9372	4.1938	1.1505	3.262	1.0102	4.4637	1.01024
3600	-4.9519	-3.8258	4.2187	1.1373	3.295	1.0143	4.5962	1.01430
3700	-4.8454	-3.7053	4.2449	1.1270	3.334	1.0193	4.7496	1.01926
3800	-4.7307	-3.5765	4.2721	1.1193	3.377	1.0251	4.9244	1.02514
3900	-4.6092	-3.4409	4.2999	1.1138	3.424	1.0319	5.1153	1.03187
4000	-4.4823	-3.2999	4.3279	1.1097	3.473	1.0394	5.3189	1.03935
4100	-4.3515	-3.1550	4.3558	1.1069	3.526	1.0475	5.5332	1.04753
4200	-4.2184	-3.0078	4.3832	1.1050	3.580	1.0563	5.7536	1.05630
4300	-4.0839	-2.8593	4.4101	1.1039	3.637	1.0656	5.9790	1.06557
4400	-3.9495	-2.7110	4.4361	1.1032	3.694	1.0752	6.2040	1.07523
4500	-3.8156	-2.5632	4.4614	1.1030	3.753	1.0853	6.4300	1.08526
4600	-3.6833	-2.4173	4.4857	1.1032	3.813	1.0955	6.6523	1.09554
4700	-3.5529	-2.2734	4.5091	1.1037	3.873	1.1061	6.8714	1.10605
4800	-3.4247	-2.1319	4.5317	1.1043	3.934	1.1167	7.0866	1.11674
4900	-3.2990	-1.9931	4.5533	1.1051	3.996	1.1276	7.2971	1.12756
5000	-3.1763	-1.8574	4.5741	1.1065	4.058	1.1385	7.5014	1.13846
5100	-3.0567	-1.7250	4.5942	1.1076	4.121	1.1497	7.7018	1.14968
5200	-2.9400	-1.5956	4.6133	1.1082	4.182	1.1607	7.8939	1.16069
5300	-2.8262	-1.4695	4.6317	1.1094	4.244	1.1717	8.0801	1.17171
5400	-2.7154	-1.3466	4.6494	1.1106	4.307	1.1827	8.2602	1.18272
5500	-2.6076	-1.2267	4.6664	1.1119	4.369	1.1937	8.4344	1.19373
5600	-2.5028	-1.1101	4.6828	1.1132	4.432	1.2047	8.6026	1.20471
5700	-2.4007	-0.9964	4.6986	1.1146	4.494	1.2157	8.7652	1.21566
5800	-2.3016	-0.8858	4.7139	1.1160	4.556	1.2266	8.9217	1.22658
5900	-2.2051	-0.7781	4.7286	1.1174	4.619	1.2375	9.0731	1.23745
6000	-2.1113	-0.6733	4.7428	1.1190	4.681	1.2483	9.2186	1.24824
6100	-2.0204	-0.5714	4.7566	1.1205	4.744	1.2590	9.3588	1.25896
6200	-1.9320	-0.4723	4.7698	1.1219	4.806	1.2696	9.4935	1.26959
6300	-1.8461	-0.3759	4.7827	1.1235	4.868	1.2802	9.6234	1.28014
6400	-1.7625	-0.2820	4.7951	1.1249	4.929	1.2906	9.7485	1.29060
6500	-1.6813	-0.1905	4.8072	1.1263	4.991	1.3010	9.8688	1.30097
6600	-1.6022	-0.1014	4.8189	1.1279	5.052	1.3113	9.9850	1.31124
6700	-1.5254	-0.0147	4.8302	1.1294	5.114	1.3215	10.0966	1.32140
6800	-1.4506	0.0699	4.8413	1.1309	5.175	1.3315	10.2042	1.33147
6900	-1.3778	0.1523	4.8520	1.1324	5.236	1.3415	10.3078	1.34144
7000	-1.3070	0.2325	4.8624	1.1339	5.296	1.3514	10.4071	1.35129
7100	-1.2380	0.3108	4.8726	1.1355	5.357	1.3612	10.5030	1.36105
7200	-1.1709	0.3870	4.8824	1.1371	5.417	1.3708	10.5950	1.37071
7300	-1.1056	0.4614	4.8920	1.1386	5.478	1.3804	10.6834	1.38025
7400	-1.0419	0.5339	4.9014	1.1402	5.538	1.3899	10.7685	1.38969
7500	-0.9799	0.6047	4.9105	1.1418	5.598	1.3992	10.8503	1.39902
7600	-0.9195	0.6737	4.9194	1.1433	5.657	1.4085	10.9288	1.40823
7700	-0.8606	0.7411	4.9281	1.1448	5.716	1.4176	11.0044	1.41733
7800	-0.8031	0.8069	4.9365	1.1462	5.775	1.4266	11.0771	1.42632
7900	-0.7471	0.8712	4.9448	1.1478	5.834	1.4356	11.1468	1.43520

S/R= 42.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-0.6924	0.9340	4.9529	1.1492	5.893	1.4444	11.2140	1.44395
8100	-0.6390	0.9954	4.9608	1.1505	5.951	1.4531	11.2789	1.45259
8200	-0.5868	1.0554	4.9685	1.1519	6.009	1.4616	11.3412	1.46111
8300	-0.5359	1.1141	4.9760	1.1534	6.066	1.4701	11.4010	1.46952
8400	-0.4862	1.1715	4.9834	1.1548	6.124	1.4785	11.4588	1.47781
8500	-0.4375	1.2277	4.9907	1.1561	6.181	1.4867	11.5144	1.48600
8600	-0.3900	1.2827	4.9978	1.1576	6.238	1.4949	11.5680	1.49407
8700	-0.3436	1.3365	5.0047	1.1591	6.295	1.5030	11.6195	1.50204
8800	-0.2981	1.3892	5.0115	1.1606	6.352	1.5109	11.6690	1.50990
8900	-0.2537	1.4408	5.0182	1.1620	6.409	1.5188	11.7169	1.51766
9000	-0.2102	1.4913	5.0248	1.1634	6.465	1.5266	11.7627	1.52532
9100	-0.1678	1.5408	5.0312	1.1648	6.521	1.5343	11.8067	1.53286
9200	-0.1262	1.5892	5.0375	1.1665	6.578	1.5419	11.8490	1.54031
9300	-0.0855	1.6367	5.0437	1.1680	6.634	1.5494	11.8896	1.54766
9400	-0.0457	1.6833	5.0497	1.1695	6.690	1.5568	11.9287	1.55491
9500	-0.0067	1.7289	5.0557	1.1711	6.746	1.5641	11.9662	1.56206
9600	0.0315	1.7736	5.0615	1.1727	6.801	1.5714	12.0023	1.56914
9700	0.0689	1.8175	5.0673	1.1742	6.857	1.5786	12.0367	1.57613
9800	0.1055	1.8605	5.0729	1.1757	6.912	1.5857	12.0699	1.58302
9900	0.1413	1.9027	5.0785	1.1771	6.967	1.5927	12.1017	1.58980
10000	0.1764	1.9441	5.0839	1.1785	7.021	1.5996	12.1321	1.59648
10100	0.2109	1.9846	5.0893	1.1768	7.066	1.6064	12.1609	1.60301
10200	0.2464	2.0264	5.0949	1.1783	7.121	1.6136	12.1987	1.60988
10300	0.2795	2.0656	5.1001	1.1832	7.186	1.6203	12.2252	1.61629
10400	0.3119	2.1039	5.1052	1.1850	7.241	1.6269	12.2503	1.62256
10500	0.3435	2.1414	5.1102	1.1865	7.295	1.6334	12.2741	1.62872
10600	0.3748	2.1785	5.1151	1.1878	7.348	1.6398	12.2971	1.63482
10700	0.4053	2.2148	5.1200	1.1893	7.402	1.6462	12.3189	1.64082
10800	0.4352	2.2503	5.1247	1.1907	7.454	1.6524	12.3391	1.64670
10900	0.4647	2.2855	5.1294	1.1923	7.508	1.6587	12.3591	1.65254
11000	0.4935	2.3199	5.1340	1.1941	7.562	1.6648	12.3780	1.65828
11100	0.5218	2.3537	5.1386	1.1956	7.615	1.6709	12.3955	1.66391
11200	0.5497	2.3870	5.1431	1.1974	7.669	1.6770	12.4129	1.66952
11300	0.5768	2.4195	5.1475	1.1993	7.722	1.6829	12.4282	1.67493
11400	0.6035	2.4516	5.1518	1.2001	7.773	1.6888	12.4434	1.68032
11500	0.6300	2.4834	5.1562	1.2018	7.826	1.6946	12.4582	1.68569
11600	0.6557	2.5143	5.1604	1.2034	7.879	1.7004	12.4712	1.69088
11700	0.6811	2.5449	5.1645	1.2049	7.931	1.7061	12.4841	1.69605
11800	0.7061	2.5750	5.1687	1.2066	7.983	1.7117	12.4960	1.70112
11900	0.7307	2.6047	5.1727	1.2083	8.036	1.7174	12.5080	1.70618
12000	0.7547	2.6337	5.1767	1.2100	8.088	1.7229	12.5182	1.71107
12100	0.7784	2.6624	5.1807	1.2114	8.140	1.7284	12.5284	1.71594
12200	0.8017	2.6906	5.1846	1.2126	8.190	1.7339	12.5378	1.72073
12300	0.8247	2.7186	5.1885	1.2141	8.242	1.7393	12.5472	1.72551
12400	0.8472	2.7459	5.1922	1.2160	8.294	1.7446	12.5548	1.73011
12500	0.8694	2.7729	5.1960	1.2175	8.345	1.7500	12.5628	1.73472
12600	0.8912	2.7995	5.1997	1.2195	8.398	1.7552	12.5699	1.73925
12700	0.9126	2.8257	5.2034	1.2211	8.449	1.7605	12.5765	1.74371
12800	0.9337	2.8514	5.2070	1.2220	8.498	1.7656	12.5823	1.74807
12900	0.9546	2.8770	5.2106	1.2235	8.549	1.7708	12.5884	1.75244
13000	0.9752	2.9021	5.2141	1.2253	8.601	1.7759	12.5939	1.75674
13100	0.9954	2.9269	5.2176	1.2265	8.650	1.7810	12.5988	1.76096
13200	1.0153	2.9513	5.2211	1.2282	8.701	1.7860	12.6030	1.76511
13300	1.0348	2.9753	5.2245	1.2295	8.751	1.7909	12.6068	1.76920
13400	1.0542	2.9992	5.2279	1.2312	8.802	1.7959	12.6110	1.77329

S/R= 42.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13500	1.0731	3.0225	5.2312	1.2327	8.852	1.8008	12.6138	1.77724
13600	1.0920	3.0457	5.2345	1.2338	8.901	1.8056	12.6169	1.78121
13700	1.1105	3.0686	5.2378	1.2355	8.952	1.8105	12.6198	1.78512
13800	1.1287	3.0911	5.2410	1.2362	8.999	1.8153	12.6223	1.78897
13900	1.1469	3.1136	5.2442	1.2374	9.048	1.8201	12.6250	1.79283
14000	1.1646	3.1356	5.2474	1.2395	9.100	1.8248	12.6268	1.79656
14100	1.1822	3.1574	5.2506	1.2403	9.147	1.8296	12.6288	1.80034
14200	1.1996	3.1790	5.2537	1.2411	9.194	1.8343	12.6307	1.80405
14300	1.2168	3.2003	5.2568	1.2426	9.244	1.8390	12.6320	1.80770
14400	1.2337	3.2214	5.2599	1.2437	9.292	1.8436	12.6332	1.81132
14500	1.2504	3.2422	5.2629	1.2453	9.342	1.8482	12.6342	1.81488
14600	1.2669	3.2627	5.2659	1.2460	9.388	1.8528	12.6349	1.81840
14700	1.2834	3.2832	5.2689	1.2467	9.434	1.8574	12.6360	1.82196
14800	1.2995	3.3033	5.2719	1.2481	9.483	1.8619	12.6365	1.82540
14900	1.3155	3.3233	5.2748	1.2488	9.530	1.8664	12.6375	1.82889
15000	1.3314	3.3431	5.2778	1.2493	9.575	1.8709	12.6383	1.83234

S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1100	-6.9443	-6.3391	3.6039	1.3317	1.957	1.0000	3.6521	1.00000
1200	-6.8304	-6.1874	3.6453	1.3290	2.042	1.0000	3.6823	1.00000
1300	-6.7238	-6.0460	3.6835	1.3238	2.121	1.0000	3.7119	1.00000
1400	-6.6236	-5.9137	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.5291	-5.7893	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-6.4398	-5.6719	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.3551	-5.5609	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.2746	-5.4556	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-6.1979	-5.3554	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-6.1190	-5.2544	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-6.0483	-5.1625	3.9153	1.2989	2.671	1.0000	3.9179	1.00000
2200	-5.9805	-5.0745	3.9378	1.2972	2.732	1.0000	3.9385	1.00000
2300	-5.9154	-4.9900	3.9591	1.2955	2.791	1.0000	3.9570	1.00001
2400	-5.8526	-4.9088	3.9796	1.2935	2.849	1.0000	3.9750	1.00001
2500	-5.7919	-4.8304	3.9993	1.2908	2.905	1.0000	3.9936	1.00004
2600	-5.7330	-4.7544	4.0183	1.2867	2.958	1.0001	4.0115	1.00008
2700	-5.6752	-4.6801	4.0367	1.2807	3.007	1.0002	4.0302	1.00017
2800	-5.6179	-4.6070	4.0549	1.2718	3.052	1.0003	4.0524	1.00035
2900	-5.5602	-4.5339	4.0728	1.2590	3.091	1.0007	4.0780	1.00066
3000	-5.5008	-4.4596	4.0910	1.2424	3.124	1.0012	4.1100	1.00118
3100	-5.4383	-4.3825	4.1097	1.2228	3.152	1.0020	4.1529	1.00201
3200	-5.3709	-4.3007	4.1293	1.2015	3.176	1.0033	4.2086	1.00328
3300	-5.2968	-4.2125	4.1502	1.1805	3.200	1.0051	4.2822	1.00514
3400	-5.2144	-4.1160	4.1727	1.1617	3.226	1.0077	4.3771	1.00772
3500	-5.1229	-4.0103	4.1967	1.1460	3.257	1.0111	4.4936	1.01114
3600	-5.0215	-3.8950	4.2223	1.1335	3.292	1.0155	4.6345	1.01549
3700	-4.9111	-3.7704	4.2492	1.1238	3.331	1.0208	4.7968	1.02076
3800	-4.7924	-3.6375	4.2770	1.1166	3.376	1.0270	4.9804	1.02697
3900	-4.6671	-3.4979	4.3054	1.1115	3.424	1.0340	5.1798	1.03403
4000	-4.5366	-3.3531	4.3338	1.1078	3.475	1.0418	5.3914	1.04183
4100	-4.4025	-3.2048	4.3620	1.1053	3.528	1.0503	5.6129	1.05033
4200	-4.2664	-3.0545	4.3897	1.1036	3.583	1.0594	5.8398	1.05940
4300	-4.1292	-2.9032	4.4167	1.1027	3.641	1.0690	6.0711	1.06895
4400	-3.9924	-2.7524	4.4429	1.1022	3.699	1.0789	6.3012	1.07889
4500	-3.8564	-2.6025	4.4682	1.1021	3.758	1.0892	6.5316	1.08917

S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4600	-3.7222	-2.4546	4.4926	1.1024	3.819	1.0997	6.7580	1.09970
4700	-3.5901	-2.3089	4.5160	1.1029	3.880	1.1104	6.9807	1.11043
4800	-3.4605	-2.1659	4.5385	1.1036	3.941	1.1213	7.1989	1.12133
4900	-3.3335	-2.0257	4.5601	1.1045	4.003	1.1324	7.4122	1.13236
5000	-3.2096	-1.8888	4.5809	1.1060	4.066	1.1435	7.6189	1.14345
5100	-3.0889	-1.7552	4.6009	1.1071	4.129	1.1549	7.8214	1.15486
5200	-2.9712	-1.6249	4.6199	1.1078	4.191	1.1661	8.0155	1.16605
5300	-2.8567	-1.4979	4.6383	1.1090	4.254	1.1772	8.2032	1.17724
5400	-2.7451	-1.3742	4.6559	1.1102	4.316	1.1884	8.3848	1.18842
5500	-2.6366	-1.2536	4.6729	1.1115	4.379	1.1996	8.5603	1.19958
5600	-2.5312	-1.1363	4.6892	1.1129	4.442	1.2107	8.7296	1.21072
5700	-2.4286	-1.0221	4.7049	1.1143	4.505	1.2218	8.8931	1.22182
5800	-2.3289	-0.9110	4.7201	1.1157	4.568	1.2329	9.0507	1.23287
5900	-2.2320	-0.8028	4.7348	1.1171	4.630	1.2439	9.2026	1.24388
6000	-2.1378	-0.6975	4.7489	1.1187	4.693	1.2548	9.3489	1.25481
6100	-2.0465	-0.5952	4.7626	1.1203	4.756	1.2657	9.4895	1.26565
6200	-1.9578	-0.4958	4.7758	1.1217	4.818	1.2764	9.6248	1.27641
6300	-1.8715	-0.3990	4.7886	1.1233	4.880	1.2871	9.7550	1.28709
6400	-1.7877	-0.3048	4.8010	1.1248	4.942	1.2977	9.8806	1.29766
6500	-1.7062	-0.2131	4.8130	1.1262	5.004	1.3082	10.0011	1.30814
6600	-1.6270	-0.1237	4.8246	1.1277	5.066	1.3186	10.1175	1.31853
6700	-1.5499	-0.0367	4.8359	1.1293	5.128	1.3289	10.2293	1.32880
6800	-1.4749	0.0480	4.8469	1.1308	5.189	1.3390	10.3369	1.33897
6900	-1.4019	0.1306	4.8576	1.1323	5.250	1.3491	10.4406	1.34904
7000	-1.3309	0.2110	4.8679	1.1339	5.311	1.3591	10.5399	1.35899
7100	-1.2619	0.2894	4.8780	1.1354	5.372	1.3690	10.6358	1.36885
7200	-1.1946	0.3658	4.8878	1.1370	5.433	1.3787	10.7278	1.37860
7300	-1.1292	0.4403	4.8974	1.1386	5.493	1.3884	10.8161	1.38823
7400	-1.0654	0.5129	4.9067	1.1401	5.554	1.3979	10.9011	1.39775
7500	-1.0033	0.5838	4.9158	1.1417	5.614	1.4074	10.9828	1.40717
7600	-0.9428	0.6529	4.9246	1.1433	5.674	1.4167	11.0611	1.41646
7700	-0.8839	0.7203	4.9332	1.1448	5.733	1.4259	11.1364	1.42564
7800	-0.8263	0.7862	4.9417	1.1462	5.792	1.4350	11.2088	1.43471
7900	-0.7703	0.8505	4.9499	1.1478	5.851	1.4440	11.2784	1.44366
8000	-0.7156	0.9134	4.9579	1.1492	5.910	1.4529	11.3453	1.45249
8100	-0.6621	0.9748	4.9658	1.1505	5.968	1.4616	11.4097	1.46119
8200	-0.6100	1.0349	4.9734	1.1520	6.026	1.4703	11.4718	1.46978
8300	-0.5590	1.0936	4.9810	1.1534	6.084	1.4788	11.5313	1.47825
8400	-0.5093	1.1510	4.9883	1.1549	6.142	1.4872	11.5887	1.48661
8500	-0.4607	1.2072	4.9955	1.1562	6.200	1.4956	11.6439	1.49486
8600	-0.4131	1.2622	5.0026	1.1577	6.257	1.5038	11.6971	1.50299
8700	-0.3667	1.3159	5.0095	1.1592	6.314	1.5119	11.7482	1.51102
8800	-0.3213	1.3686	5.0163	1.1607	6.371	1.5199	11.7973	1.51893
8900	-0.2769	1.4202	5.0229	1.1621	6.428	1.5278	11.8445	1.52675
9000	-0.2335	1.4707	5.0294	1.1635	6.485	1.5357	11.8899	1.53446
9100	-0.1910	1.5201	5.0358	1.1649	6.541	1.5434	11.9335	1.54204
9200	-0.1494	1.5685	5.0421	1.1666	6.598	1.5510	11.9753	1.54954
9300	-0.1088	1.6160	5.0482	1.1682	6.654	1.5586	12.0153	1.55693
9400	-0.0690	1.6625	5.0543	1.1696	6.710	1.5660	12.0539	1.56423
9500	-0.0301	1.7081	5.0602	1.1712	6.766	1.5734	12.0909	1.57142
9600	0.0080	1.7527	5.0660	1.1728	6.822	1.5807	12.1264	1.57854
9700	0.0453	1.7965	5.0717	1.1743	6.877	1.5879	12.1605	1.58557
9800	0.0819	1.8395	5.0773	1.1759	6.933	1.5950	12.1930	1.59249
9900	0.1177	1.8816	5.0829	1.1773	6.988	1.6021	12.2241	1.59931
10000	0.1527	1.9229	5.0883	1.1787	7.042	1.6090	12.2539	1.60601

S/R= 42.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	0.1871	1.9634	5.0936	1.1770	7.087	1.6158	12.2821	1.61257
10200	0.2226	2.0051	5.0992	1.1785	7.143	1.6230	12.3192	1.61947
10300	0.2556	2.0442	5.1043	1.1834	7.207	1.6297	12.3452	1.62591
10400	0.2879	2.0824	5.1094	1.1852	7.262	1.6363	12.3696	1.63221
10500	0.3195	2.1199	5.1144	1.1866	7.316	1.6428	12.3926	1.63839
10600	0.3506	2.1568	5.1193	1.1879	7.369	1.6493	12.4151	1.64451
10700	0.3811	2.1930	5.1241	1.1896	7.423	1.6556	12.4363	1.65053
10800	0.4109	2.2285	5.1288	1.1909	7.476	1.6619	12.4558	1.65643
10900	0.4403	2.2635	5.1335	1.1925	7.530	1.6681	12.4751	1.66229
11000	0.4691	2.2979	5.1381	1.1942	7.584	1.6743	12.4932	1.66805
11100	0.4972	2.3316	5.1426	1.1958	7.637	1.6803	12.5101	1.67370
11200	0.5250	2.3648	5.1471	1.1976	7.691	1.6864	12.5269	1.67932
11300	0.5520	2.3972	5.1514	1.1994	7.744	1.6922	12.5414	1.68474
11400	0.5787	2.4292	5.1558	1.2003	7.795	1.6981	12.5559	1.69015
11500	0.6051	2.4609	5.1600	1.2019	7.848	1.7040	12.5701	1.69552
11600	0.6307	2.4917	5.1642	1.2036	7.901	1.7097	12.5825	1.70073
11700	0.6561	2.5222	5.1684	1.2050	7.953	1.7154	12.5946	1.70590
11800	0.6809	2.5521	5.1725	1.2067	8.005	1.7210	12.6058	1.71098
11900	0.7054	2.5818	5.1765	1.2084	8.058	1.7266	12.6170	1.71605
12000	0.7293	2.6107	5.1805	1.2101	8.110	1.7321	12.6265	1.72094
12100	0.7530	2.6393	5.1844	1.2115	8.161	1.7376	12.6360	1.72582
12200	0.7761	2.6674	5.1883	1.2129	8.212	1.7430	12.6447	1.73061
12300	0.7991	2.6953	5.1921	1.2143	8.264	1.7484	12.6533	1.73539
12400	0.8215	2.7224	5.1959	1.2160	8.316	1.7537	12.6603	1.74000
12500	0.8436	2.7494	5.1996	1.2175	8.367	1.7589	12.6675	1.74461
12600	0.8653	2.7758	5.2033	1.2194	8.419	1.7642	12.6739	1.74914
12700	0.8867	2.8019	5.2069	1.2210	8.470	1.7693	12.6798	1.75360
12800	0.9077	2.8275	5.2105	1.2219	8.519	1.7744	12.6849	1.75796
12900	0.9285	2.8530	5.2141	1.2233	8.570	1.7795	12.6901	1.76233
13000	0.9489	2.8780	5.2176	1.2253	8.622	1.7846	12.6950	1.76663
13100	0.9690	2.9027	5.2210	1.2265	8.671	1.7896	12.6991	1.77085
13200	0.9888	2.9270	5.2245	1.2281	8.722	1.7945	12.7028	1.77501
13300	1.0083	2.9509	5.2279	1.2292	8.771	1.7994	12.7059	1.77909
13400	1.0276	2.9747	5.2312	1.2309	8.822	1.8043	12.7093	1.78318
13500	1.0465	2.9979	5.2345	1.2325	8.872	1.8091	12.7114	1.78714
13600	1.0652	3.0210	5.2378	1.2335	8.920	1.8139	12.7139	1.79110
13700	1.0837	3.0437	5.2411	1.2352	8.971	1.8187	12.7159	1.79501
13800	1.1018	3.0662	5.2443	1.2358	9.018	1.8234	12.7176	1.79885
13900	1.1199	3.0885	5.2475	1.2370	9.066	1.8282	12.7197	1.80271
14000	1.1376	3.1104	5.2506	1.2390	9.118	1.8328	12.7209	1.80644
14100	1.1551	3.1321	5.2538	1.2399	9.165	1.8375	12.7222	1.81021
14200	1.1724	3.1536	5.2569	1.2407	9.212	1.8421	12.7233	1.81392
14300	1.1896	3.1749	5.2600	1.2420	9.261	1.8467	12.7241	1.81757
14400	1.2064	3.1958	5.2630	1.2432	9.309	1.8512	12.7247	1.82119
14500	1.2231	3.2165	5.2660	1.2446	9.358	1.8557	12.7250	1.82475
14600	1.2395	3.2370	5.2690	1.2451	9.404	1.8602	12.7250	1.82827
14700	1.2559	3.2574	5.2720	1.2459	9.450	1.8647	12.7255	1.83182
14800	1.2719	3.2774	5.2749	1.2473	9.499	1.8691	12.7252	1.83527
14900	1.2879	3.2973	5.2779	1.2480	9.545	1.8735	12.7255	1.83875
15000	1.3037	3.3171	5.2808	1.2482	9.589	1.8779	12.7256	1.84220

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1200	-6.9172	-6.2743	3.6453	1.3260	2.040	1.0000	3.6823	1.00000

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-6.8106	-6.1329	3.6835	1.3238	2.121	1.0000	3.7120	1.00000
1400	-6.7104	-6.0005	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.6160	-5.8761	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-6.5267	-5.7588	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.4420	-5.6477	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.3615	-5.5424	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-6.2848	-5.4422	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-6.2059	-5.3413	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.1352	-5.2493	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.0674	-5.1614	3.9378	1.2972	2.732	1.0000	3.9385	1.00000
2300	-6.0022	-5.0769	3.9591	1.2954	2.791	1.0000	3.9570	1.00001
2400	-5.9394	-4.9956	3.9796	1.2934	2.849	1.0000	3.9751	1.00002
2500	-5.8787	-4.9171	3.9993	1.2904	2.905	1.0000	3.9938	1.00004
2600	-5.8197	-4.8411	4.0183	1.2861	2.957	1.0001	4.0119	1.00009
2700	-5.7617	-4.7666	4.0368	1.2796	3.006	1.0002	4.0310	1.00019
2800	-5.7041	-4.6931	4.0550	1.2699	3.050	1.0004	4.0539	1.00038
2900	-5.6458	-4.6195	4.0731	1.2563	3.088	1.0007	4.0807	1.00073
3000	-5.5856	-4.5444	4.0915	1.2387	3.119	1.0013	4.1147	1.00130
3100	-5.5218	-4.4659	4.1105	1.2181	3.146	1.0022	4.1605	1.00221
3200	-5.4525	-4.3822	4.1305	1.1963	3.170	1.0036	4.2203	1.00360
3300	-5.3760	-4.2914	4.1519	1.1753	3.194	1.0056	4.2994	1.00562
3400	-5.2905	-4.1918	4.1750	1.1569	3.221	1.0084	4.4012	1.00842
3500	-5.1953	-4.0824	4.1998	1.1417	3.252	1.0121	4.5257	1.01210
3600	-5.0901	-3.9630	4.2261	1.1298	3.288	1.0167	4.6753	1.01675
3700	-4.9756	-3.8342	4.2536	1.1207	3.330	1.0224	4.8466	1.02235
3800	-4.8529	-3.6971	4.2821	1.1140	3.375	1.0289	5.0392	1.02888
3900	-4.7237	-3.5535	4.3110	1.1093	3.424	1.0363	5.2471	1.03628
4000	-4.5897	-3.4051	4.3398	1.1060	3.476	1.0444	5.4665	1.04441
4100	-4.4523	-3.2534	4.3683	1.1038	3.530	1.0532	5.6952	1.05322
4200	-4.3133	-3.1001	4.3962	1.1024	3.587	1.0626	5.9285	1.06258
4300	-4.1735	-2.9460	4.4234	1.1016	3.645	1.0724	6.1654	1.07242
4400	-4.0344	-2.7928	4.4497	1.1012	3.704	1.0826	6.4006	1.08262
4500	-3.8963	-2.6408	4.4751	1.1013	3.764	1.0932	6.6354	1.09316
4600	-3.7603	-2.4910	4.4994	1.1017	3.825	1.1039	6.8657	1.10392
4700	-3.6266	-2.3437	4.5228	1.1023	3.886	1.1149	7.0917	1.11488
4800	-3.4955	-2.1991	4.5453	1.1030	3.948	1.1260	7.3128	1.12599
4900	-3.3673	-2.0576	4.5669	1.1040	4.011	1.1372	7.5289	1.13722
5000	-3.2423	-1.9196	4.5876	1.1055	4.074	1.1485	7.7377	1.14851
5100	-3.1206	-1.7849	4.6075	1.1066	4.138	1.1601	7.9424	1.16010
5200	-3.0019	-1.6536	4.6265	1.1074	4.200	1.1715	8.1384	1.17147
5300	-2.8866	-1.5258	4.6448	1.1086	4.263	1.1828	8.3275	1.18283
5400	-2.7743	-1.4012	4.6624	1.1099	4.326	1.1942	8.5106	1.19417
5500	-2.6652	-1.2800	4.6792	1.1112	4.389	1.2055	8.6871	1.20548
5600	-2.5591	-1.1621	4.6955	1.1126	4.453	1.2168	8.8576	1.21677
5700	-2.4560	-1.0473	4.7112	1.1140	4.516	1.2280	9.0219	1.22801
5800	-2.3558	-0.9356	4.7263	1.1154	4.579	1.2392	9.1804	1.23921
5900	-2.2585	-0.8270	4.7409	1.1169	4.642	1.2504	9.3330	1.25035
6000	-2.1639	-0.7213	4.7550	1.1185	4.705	1.2614	9.4800	1.26142
6100	-2.0722	-0.6187	4.7686	1.1201	4.768	1.2724	9.6211	1.27239
6200	-1.9832	-0.5188	4.7817	1.1216	4.831	1.2833	9.7568	1.28327
6300	-1.8967	-0.4218	4.7944	1.1231	4.893	1.2941	9.8874	1.29406
6400	-1.8126	-0.3272	4.8068	1.1246	4.956	1.3048	10.0133	1.30476
6500	-1.7309	-0.2353	4.8187	1.1261	5.018	1.3154	10.1340	1.31535
6600	-1.6514	-0.1457	4.8303	1.1276	5.080	1.3259	10.2504	1.32584
6700	-1.5741	-0.0585	4.8415	1.1291	5.142	1.3363	10.3625	1.33622

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	-1.4989	0.0264	4.8525	1.1307	5.203	1.3466	10.4701	1.34650
6900	-1.4258	0.1092	4.8631	1.1322	5.265	1.3567	10.5739	1.35666
7000	-1.3546	0.1898	4.8734	1.1338	5.326	1.3668	10.6733	1.36672
7100	-1.2855	0.2683	4.8834	1.1354	5.387	1.3768	10.7690	1.37667
7200	-1.2181	0.3448	4.8932	1.1369	5.448	1.3866	10.8610	1.38651
7300	-1.1525	0.4194	4.9027	1.1385	5.509	1.3964	10.9492	1.39623
7400	-1.0887	0.4921	4.9120	1.1401	5.570	1.4060	11.0339	1.40584
7500	-1.0265	0.5631	4.9210	1.1417	5.630	1.4155	11.1155	1.41533
7600	-0.9660	0.6322	4.9298	1.1433	5.690	1.4249	11.1936	1.42471
7700	-0.9070	0.6997	4.9384	1.1448	5.750	1.4342	11.2686	1.43397
7800	-0.8494	0.7657	4.9467	1.1462	5.809	1.4434	11.3408	1.44311
7900	-0.7933	0.8301	4.9549	1.1478	5.868	1.4525	11.4101	1.45213
8000	-0.7385	0.8929	4.9629	1.1492	5.927	1.4614	11.4767	1.46103
8100	-0.6851	0.9544	4.9707	1.1505	5.986	1.4702	11.5408	1.46981
8200	-0.6329	1.0144	4.9784	1.1520	6.044	1.4789	11.6025	1.47846
8300	-0.5820	1.0732	4.9858	1.1535	6.103	1.4875	11.6617	1.48700
8400	-0.5322	1.1306	4.9932	1.1550	6.161	1.4960	11.7187	1.49541
8500	-0.4836	1.1868	5.0003	1.1563	6.218	1.5044	11.7734	1.50372
8600	-0.4361	1.2417	5.0073	1.1577	6.276	1.5127	11.8261	1.51191
8700	-0.3897	1.2955	5.0142	1.1593	6.333	1.5208	11.8768	1.51999
8800	-0.3443	1.3482	5.0210	1.1607	6.390	1.5289	11.9255	1.52796
8900	-0.2999	1.3997	5.0276	1.1622	6.447	1.5369	11.9722	1.53583
9000	-0.2565	1.4502	5.0340	1.1636	6.504	1.5447	12.0171	1.54358
9100	-0.2141	1.4996	5.0404	1.1651	6.561	1.5525	12.0602	1.55122
9200	-0.1726	1.5479	5.0466	1.1667	6.618	1.5602	12.1015	1.55875
9300	-0.1320	1.5953	5.0527	1.1683	6.674	1.5677	12.1410	1.56619
9400	-0.0923	1.6418	5.0587	1.1697	6.730	1.5752	12.1790	1.57353
9500	-0.0534	1.6873	5.0646	1.1714	6.786	1.5826	12.2154	1.58076
9600	-0.0154	1.7319	5.0704	1.1730	6.842	1.5899	12.2503	1.58792
9700	0.0219	1.7756	5.0761	1.1745	6.898	1.5972	12.2837	1.59498
9800	0.0584	1.8185	5.0817	1.1760	6.954	1.6043	12.3157	1.60193
9900	0.0941	1.8605	5.0872	1.1774	7.008	1.6114	12.3462	1.60878
10000	0.1291	1.9018	5.0926	1.1789	7.063	1.6183	12.3753	1.61551
10100	0.1634	1.9422	5.0979	1.1772	7.108	1.6252	12.4030	1.62211
10200	0.1988	1.9838	5.1034	1.1787	7.164	1.6324	12.4394	1.62903
10300	0.2317	2.0228	5.1085	1.1835	7.228	1.6391	12.4647	1.63549
10400	0.2640	2.0609	5.1135	1.1854	7.284	1.6457	12.4884	1.64181
10500	0.2954	2.0983	5.1185	1.1868	7.337	1.6522	12.5108	1.64802
10600	0.3265	2.1352	5.1233	1.1882	7.391	1.6586	12.5326	1.65416
10700	0.3569	2.1713	5.1281	1.1898	7.445	1.6650	12.5530	1.66020
10800	0.3866	2.2067	5.1328	1.1910	7.498	1.6713	12.5719	1.66611
10900	0.4159	2.2416	5.1375	1.1927	7.552	1.6775	12.5906	1.67199
11000	0.4446	2.2758	5.1420	1.1945	7.606	1.6836	12.6081	1.67776
11100	0.4727	2.3094	5.1465	1.1960	7.659	1.6897	12.6242	1.68342
11200	0.5004	2.3425	5.1510	1.1978	7.713	1.6957	12.6402	1.68906
11300	0.5273	2.3748	5.1553	1.1995	7.766	1.7016	12.6540	1.69449
11400	0.5539	2.4067	5.1596	1.2005	7.817	1.7074	12.6678	1.69990
11500	0.5802	2.4383	5.1639	1.2022	7.870	1.7133	12.6812	1.70528
11600	0.6057	2.4690	5.1680	1.2038	7.923	1.7189	12.6929	1.71049
11700	0.6309	2.4994	5.1721	1.2052	7.975	1.7246	12.7042	1.71567
11800	0.6557	2.5292	5.1762	1.2068	8.027	1.7302	12.7148	1.72076
11900	0.6801	2.5588	5.1802	1.2085	8.079	1.7358	12.7253	1.72583
12000	0.7039	2.5875	5.1841	1.2102	8.132	1.7412	12.7340	1.73073
12100	0.7274	2.6160	5.1881	1.2116	8.183	1.7467	12.7428	1.73561
12200	0.7505	2.6440	5.1919	1.2129	8.234	1.7520	12.7506	1.74040

S/R= 42.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12300	0.7734	2.6718	5.1957	1.2145	8.285	1.7574	12.7586	1.74518
12400	0.7957	2.6988	5.1994	1.2162	8.337	1.7626	12.7649	1.74980
12500	0.8177	2.7257	5.2031	1.2175	8.388	1.7679	12.7713	1.75440
12600	0.8394	2.7520	5.2068	1.2194	8.440	1.7730	12.7770	1.75893
12700	0.8606	2.7780	5.2104	1.2210	8.491	1.7781	12.7822	1.76339
12800	0.8815	2.8035	5.2140	1.2219	8.540	1.7832	12.7864	1.76775
12900	0.9022	2.8288	5.2175	1.2234	8.591	1.7882	12.7910	1.77211
13000	0.9226	2.8537	5.2210	1.2252	8.642	1.7932	12.7951	1.77641
13100	0.9426	2.8783	5.2244	1.2264	8.692	1.7982	12.7985	1.78063
13200	0.9623	2.9025	5.2278	1.2280	8.742	1.8030	12.8014	1.78478
13300	0.9817	2.9263	5.2312	1.2292	8.791	1.8079	12.8039	1.78886
13400	1.0010	2.9500	5.2345	1.2308	8.842	1.8127	12.8066	1.79295
13500	1.0197	2.9731	5.2378	1.2322	8.892	1.8174	12.8080	1.79690
13600	1.0384	2.9961	5.2411	1.2332	8.940	1.8221	12.8097	1.80086
13700	1.0567	3.0188	5.2443	1.2349	8.990	1.8268	12.8111	1.80477
13800	1.0748	3.0411	5.2475	1.2355	9.036	1.8315	12.8121	1.80860
13900	1.0928	3.0633	5.2507	1.2366	9.085	1.8361	12.8134	1.81246
14000	1.1104	3.0851	5.2538	1.2387	9.136	1.8407	12.8138	1.81618
14100	1.1279	3.1067	5.2569	1.2395	9.183	1.8453	12.8144	1.81994
14200	1.1451	3.1281	5.2600	1.2402	9.230	1.8498	12.8148	1.82364
14300	1.1622	3.1493	5.2631	1.2415	9.278	1.8543	12.8150	1.82729
14400	1.1790	3.1701	5.2661	1.2427	9.326	1.8588	12.8149	1.83091
14500	1.1955	3.1908	5.2691	1.2442	9.375	1.8632	12.8146	1.83447
14600	1.2119	3.2111	5.2720	1.2445	9.420	1.8675	12.8140	1.83799
14700	1.2282	3.2314	5.2750	1.2452	9.466	1.8720	12.8139	1.84154
14800	1.2442	3.2513	5.2779	1.2467	9.515	1.8762	12.8129	1.84498
14900	1.2601	3.2712	5.2808	1.2472	9.559	1.8806	12.8126	1.84846
15000	1.2759	3.2908	5.2837	1.2475	9.604	1.8849	12.8121	1.85189

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-6.8975	-6.2198	3.6835	1.3213	2.119	1.0000	3.7120	1.00000
1400	-6.7973	-6.0874	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.7028	-5.9630	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-6.6135	-5.8456	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.5288	-5.7346	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.4483	-5.6293	3.8399	1.3073	2.481	1.0000	3.8426	1.00000
1900	-6.3716	-5.5291	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-6.2928	-5.4281	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.2220	-5.3362	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.1543	-5.2482	3.9378	1.2972	2.732	1.0000	3.9385	1.00000
2300	-6.0890	-5.1637	3.9591	1.2953	2.791	1.0000	3.9570	1.00001
2400	-6.0263	-5.0824	3.9796	1.2931	2.849	1.0000	3.9752	1.00002
2500	-5.9655	-5.0039	3.9994	1.2901	2.904	1.0000	3.9940	1.00005
2600	-5.9063	-4.9277	4.0184	1.2855	2.957	1.0001	4.0124	1.00010
2700	-5.8481	-4.8531	4.0369	1.2783	3.005	1.0002	4.0319	1.00021
2800	-5.7902	-4.7792	4.0552	1.2679	3.048	1.0004	4.0555	1.00042
2900	-5.7314	-4.7050	4.0734	1.2533	3.084	1.0008	4.0836	1.00080
3000	-5.6702	-4.6289	4.0920	1.2348	3.115	1.0014	4.1198	1.00143
3100	-5.6050	-4.5490	4.1114	1.2133	3.140	1.0024	4.1688	1.00243
3200	-5.5337	-4.4632	4.1318	1.1911	3.163	1.0040	4.2331	1.00395
3300	-5.4545	-4.3697	4.1538	1.1702	3.188	1.0062	4.3181	1.00615
3400	-5.3658	-4.2667	4.1776	1.1521	3.215	1.0092	4.4271	1.00918
3500	-5.2668	-4.1535	4.2030	1.1375	3.248	1.0131	4.5600	1.01314

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-5.1576	-4.0299	4.2301	1.1263	3.286	1.0181	4.7187	1.01809
3700	-5.0389	-3.8968	4.2583	1.1178	3.328	1.0240	4.8992	1.02402
3800	-4.9121	-3.7555	4.2874	1.1116	3.375	1.0309	5.1007	1.03089
3900	-4.7791	-3.6080	4.3167	1.1073	3.425	1.0386	5.3171	1.03862
4000	-4.6415	-3.4559	4.3459	1.1043	3.478	1.0471	5.5443	1.04708
4100	-4.5010	-3.3008	4.3747	1.1023	3.533	1.0562	5.7800	1.05620
4200	-4.3591	-3.1445	4.4028	1.1011	3.590	1.0659	6.0195	1.06585
4300	-4.2167	-2.9878	4.4302	1.1005	3.649	1.0760	6.2620	1.07597
4400	-4.0754	-2.8323	4.4565	1.1003	3.709	1.0864	6.5019	1.08644
4500	-3.9353	-2.6782	4.4819	1.1005	3.770	1.0972	6.7411	1.09722
4600	-3.7975	-2.5265	4.5063	1.1010	3.831	1.1082	6.9751	1.10822
4700	-3.6623	-2.3776	4.5297	1.1016	3.893	1.1194	7.2043	1.11939
4800	-3.5298	-2.2316	4.5521	1.1025	3.956	1.1307	7.4284	1.13072
4900	-3.4004	-2.0888	4.5737	1.1035	4.019	1.1421	7.6471	1.14214
5000	-3.2743	-1.9496	4.5943	1.1050	4.083	1.1536	7.8579	1.15362
5100	-3.1516	-1.8139	4.6142	1.1062	4.146	1.1654	8.0647	1.16540
5200	-3.0321	-1.6817	4.6331	1.1070	4.209	1.1769	8.2623	1.17693
5300	-2.9159	-1.5531	4.6513	1.1083	4.273	1.1885	8.4530	1.18846
5400	-2.8030	-1.4278	4.6688	1.1096	4.336	1.2000	8.6374	1.19996
5500	-2.6932	-1.3060	4.6856	1.1109	4.400	1.2114	8.8150	1.21143
5600	-2.5966	-1.1874	4.7018	1.1124	4.463	1.2229	8.9866	1.22287
5700	-2.4830	-1.0721	4.7174	1.1138	4.527	1.2343	9.1517	1.23425
5800	-2.3823	-0.9599	4.7324	1.1152	4.590	1.2456	9.3110	1.24559
5900	-2.2846	-0.8508	4.7469	1.1167	4.653	1.2569	9.4641	1.25687
6000	-2.1896	-0.7447	4.7610	1.1183	4.717	1.2681	9.6119	1.26807
6100	-2.0976	-0.6418	4.7745	1.1199	4.780	1.2792	9.7532	1.27916
6200	-2.0082	-0.5416	4.7876	1.1214	4.843	1.2902	9.8896	1.29016
6300	-1.9214	-0.4442	4.8002	1.1229	4.906	1.3011	10.0203	1.30107
6400	-1.8371	-0.3494	4.8125	1.1245	4.969	1.3119	10.1464	1.31188
6500	-1.7551	-0.2572	4.8244	1.1260	5.031	1.3226	10.2675	1.32259
6600	-1.6755	-0.1674	4.8359	1.1274	5.093	1.3332	10.3840	1.33319
6700	-1.5980	-0.0800	4.8471	1.1290	5.156	1.3437	10.4962	1.34367
6800	-1.5227	0.0051	4.8580	1.1306	5.218	1.3541	10.6039	1.35405
6900	-1.4494	0.0880	4.8685	1.1321	5.279	1.3644	10.7075	1.36431
7000	-1.3781	0.1688	4.8788	1.1337	5.341	1.3745	10.8070	1.37447
7100	-1.3088	0.2474	4.8888	1.1353	5.402	1.3846	10.9025	1.38451
7200	-1.2413	0.3240	4.8985	1.1369	5.464	1.3945	10.9944	1.39444
7300	-1.1757	0.3987	4.9080	1.1385	5.525	1.4044	11.0825	1.40425
7400	-1.1118	0.4715	4.9172	1.1401	5.585	1.4141	11.1671	1.41394
7500	-1.0495	0.5425	4.9262	1.1417	5.646	1.4237	11.2484	1.42352
7600	-0.9889	0.6118	4.9349	1.1433	5.706	1.4332	11.3263	1.43297
7700	-0.9299	0.6794	4.9434	1.1448	5.766	1.4425	11.4010	1.44231
7800	-0.8723	0.7453	4.9518	1.1462	5.826	1.4518	11.4729	1.45152
7900	-0.8161	0.8097	4.9599	1.1478	5.886	1.4609	11.5420	1.46062
8000	-0.7613	0.8726	4.9679	1.1493	5.945	1.4699	11.6082	1.46958
8100	-0.7079	0.9341	4.9756	1.1506	6.003	1.4788	11.6719	1.47842
8200	-0.6557	0.9942	4.9832	1.1520	6.062	1.4876	11.7332	1.48714
8300	-0.6048	1.0529	4.9907	1.1535	6.121	1.4962	11.7921	1.49574
8400	-0.5550	1.1103	4.9979	1.1550	6.179	1.5048	11.8486	1.50422
8500	-0.5064	1.1665	5.0051	1.1564	6.237	1.5132	11.9029	1.51258
8600	-0.4590	1.2214	5.0121	1.1579	6.294	1.5215	11.9552	1.52083
8700	-0.4126	1.2752	5.0189	1.1594	6.352	1.5298	12.0055	1.52896
8800	-0.3672	1.3278	5.0256	1.1608	6.409	1.5379	12.0535	1.53698
8900	-0.3229	1.3793	5.0322	1.1623	6.467	1.5459	12.0999	1.54490
9000	-0.2795	1.4297	5.0386	1.1637	6.523	1.5538	12.1441	1.55270

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	-0.2371	1.4791	5.0449	1.1652	6.580	1.5616	12.1867	1.56038
9200	-0.1957	1.5274	5.0511	1.1669	6.637	1.5693	12.2274	1.56796
9300	-0.1552	1.5747	5.0572	1.1684	6.694	1.5769	12.2664	1.57544
9400	-0.1155	1.6211	5.0632	1.1699	6.750	1.5844	12.3038	1.58282
9500	-0.0767	1.6666	5.0690	1.1716	6.807	1.5918	12.3396	1.59008
9600	-0.0387	1.7111	5.0748	1.1731	6.863	1.5992	12.3739	1.59727
9700	-0.0015	1.7548	5.0804	1.1747	6.919	1.6065	12.4068	1.60436
9800	0.0349	1.7976	5.0860	1.1762	6.974	1.6136	12.4381	1.61134
9900	0.0706	1.8395	5.0914	1.1776	7.029	1.6207	12.4680	1.61822
10000	0.1055	1.8807	5.0968	1.1790	7.084	1.6277	12.4964	1.62498
10100	0.1397	1.9210	5.1020	1.1774	7.130	1.6345	12.5234	1.63161
10200	0.1750	1.9625	5.1076	1.1789	7.185	1.6417	12.5591	1.63856
10300	0.2079	2.0014	5.1126	1.1838	7.250	1.6484	12.5837	1.64504
10400	0.2400	2.0395	5.1176	1.1856	7.305	1.6551	12.6068	1.65138
10500	0.2714	2.0767	5.1225	1.1870	7.359	1.6615	12.6285	1.65760
10600	0.3024	2.1135	5.1274	1.1884	7.413	1.6680	12.6495	1.66377
10700	0.3327	2.1495	5.1321	1.1900	7.467	1.6744	12.6693	1.66982
10800	0.3623	2.1848	5.1368	1.1913	7.519	1.6806	12.6875	1.67575
10900	0.3915	2.2196	5.1414	1.1929	7.573	1.6868	12.7055	1.68163
11000	0.4201	2.2537	5.1460	1.1947	7.628	1.6930	12.7221	1.68741
11100	0.4481	2.2872	5.1504	1.1962	7.681	1.6990	12.7376	1.69308
11200	0.4757	2.3202	5.1548	1.1980	7.735	1.7050	12.7528	1.69873
11300	0.5025	2.3524	5.1591	1.1998	7.788	1.7109	12.7660	1.70417
11400	0.5290	2.3842	5.1634	1.2007	7.839	1.7167	12.7790	1.70959
11500	0.5552	2.4156	5.1676	1.2024	7.892	1.7225	12.7916	1.71497
11600	0.5806	2.4462	5.1718	1.2040	7.945	1.7282	12.8026	1.72019
11700	0.6058	2.4765	5.1758	1.2054	7.997	1.7338	12.8132	1.72537
11800	0.6304	2.5063	5.1799	1.2070	8.049	1.7393	12.8230	1.73046
11900	0.6547	2.5357	5.1839	1.2086	8.101	1.7449	12.8327	1.73553
12000	0.6784	2.5643	5.1878	1.2104	8.154	1.7503	12.8407	1.74043
12100	0.7019	2.5927	5.1916	1.2118	8.205	1.7557	12.8486	1.74531
12200	0.7249	2.6206	5.1955	1.2130	8.255	1.7610	12.8558	1.75010
12300	0.7476	2.6482	5.1992	1.2145	8.307	1.7664	12.8629	1.75488
12400	0.7698	2.6751	5.2030	1.2163	8.359	1.7715	12.8685	1.75949
12500	0.7917	2.7019	5.2066	1.2177	8.410	1.7767	12.8742	1.76409
12600	0.8133	2.7281	5.2103	1.2195	8.461	1.7818	12.8791	1.76862
12700	0.8344	2.7539	5.2138	1.2210	8.512	1.7869	12.8835	1.77307
12800	0.8552	2.7794	5.2174	1.2219	8.561	1.7918	12.8871	1.77743
12900	0.8759	2.8046	5.2209	1.2234	8.611	1.7968	12.8909	1.78178
13000	0.8961	2.8294	5.2243	1.2252	8.663	1.8018	12.8943	1.78608
13100	0.9161	2.8538	5.2278	1.2264	8.712	1.8066	12.8968	1.79029
13200	0.9357	2.8779	5.2311	1.2281	8.763	1.8115	12.8990	1.79443
13300	0.9550	2.9016	5.2345	1.2290	8.811	1.8162	12.9007	1.79850
13400	0.9741	2.9252	5.2378	1.2307	8.862	1.8210	12.9027	1.80258
13500	0.9928	2.9482	5.2410	1.2322	8.912	1.8256	12.9034	1.80653
13600	1.0114	2.9711	5.2443	1.2330	8.959	1.8303	12.9045	1.81049
13700	1.0297	2.9936	5.2475	1.2347	9.009	1.8349	12.9051	1.81439
13800	1.0477	3.0159	5.2507	1.2353	9.055	1.8395	12.9054	1.81821
13900	1.0656	3.0380	5.2538	1.2363	9.103	1.8441	12.9060	1.82206
14000	1.0831	3.0597	5.2569	1.2383	9.154	1.8485	12.9057	1.82577
14100	1.1005	3.0812	5.2600	1.2392	9.202	1.8530	12.9056	1.82953
14200	1.1177	3.1025	5.2631	1.2399	9.248	1.8575	12.9053	1.83322
14300	1.1346	3.1235	5.2661	1.2411	9.296	1.8619	12.9046	1.83687
14400	1.1513	3.1443	5.2691	1.2423	9.343	1.8662	12.9039	1.84047
14500	1.1679	3.1648	5.2721	1.2436	9.392	1.8706	12.9030	1.84403

S/R= 42.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	1.1842	3.1851	5.2750	1.2440	9.436	1.8748	12.9018	1.84754
14700	1.2004	3.2053	5.2779	1.2447	9.482	1.8792	12.9011	1.85109
14800	1.2163	3.2251	5.2808	1.2461	9.530	1.8834	12.8995	1.85452
14900	1.2322	3.2449	5.2837	1.2465	9.575	1.8876	12.8984	1.85800
15000	1.2479	3.2644	5.2866	1.2467	9.618	1.8918	12.8973	1.86143

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1300	-6.9843	-6.3066	3.6835	1.3213	2.119	1.0000	3.7120	1.00000
1400	-6.8842	-6.1742	3.7191	1.3193	2.198	1.0000	3.7406	1.00000
1500	-6.7897	-6.0498	3.7522	1.3155	2.272	1.0000	3.7680	1.00000
1600	-6.7004	-5.9325	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.6157	-5.8215	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.5352	-5.7161	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-6.4585	-5.6160	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-6.3796	-5.5150	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.3089	-5.4230	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.2411	-5.3351	3.9378	1.2971	2.732	1.0000	3.9385	1.00000
2300	-6.1759	-5.2506	3.9591	1.2953	2.791	1.0000	3.9571	1.00001
2400	-6.1131	-5.1693	3.9796	1.2930	2.849	1.0000	3.9753	1.00002
2500	-6.0522	-5.0907	3.9994	1.2897	2.904	1.0001	3.9942	1.00005
2600	-5.9930	-5.0144	4.0184	1.2848	2.956	1.0001	4.0128	1.00011
2700	-5.9346	-4.9395	4.0370	1.2771	3.003	1.0002	4.0329	1.00024
2800	-5.8762	-4.8653	4.0554	1.2657	3.045	1.0005	4.0574	1.00047
2900	-5.8168	-4.7904	4.0738	1.2501	3.080	1.0009	4.0870	1.00089
3000	-5.7545	-4.7131	4.0926	1.2306	3.110	1.0016	4.1254	1.00157
3100	-5.6878	-4.6316	4.1123	1.2085	3.134	1.0027	4.1779	1.00267
3200	-5.6143	-4.5437	4.1332	1.1859	3.157	1.0043	4.2471	1.00434
3300	-5.5323	-4.4473	4.1558	1.1652	3.182	1.0067	4.3383	1.00672
3400	-5.4401	-4.3407	4.1803	1.1476	3.210	1.0100	4.4550	1.01000
3500	-5.3373	-4.2235	4.2065	1.1336	3.244	1.0142	4.5966	1.01424
3600	-5.2238	-4.0955	4.2343	1.1230	3.283	1.0195	4.7646	1.01951
3700	-5.1010	-3.9581	4.2632	1.1150	3.327	1.0258	4.9544	1.02577
3800	-4.9701	-3.8126	4.2929	1.1093	3.374	1.0330	5.1650	1.03298
3900	-4.8332	-3.6611	4.3226	1.1054	3.426	1.0410	5.3899	1.04105
4000	-4.6922	-3.5054	4.3522	1.1027	3.480	1.0498	5.6247	1.04983
4100	-4.5485	-3.3471	4.3812	1.1010	3.536	1.0593	5.8673	1.05927
4200	-4.4038	-3.1879	4.4095	1.1000	3.594	1.0692	6.1129	1.06921
4300	-4.2590	-3.0286	4.4370	1.0996	3.654	1.0796	6.3606	1.07960
4400	-4.1155	-2.8709	4.4634	1.0995	3.714	1.0903	6.6054	1.09033
4500	-3.9735	-2.7147	4.4888	1.0998	3.775	1.1014	6.8487	1.10135
4600	-3.8340	-2.5613	4.5132	1.1003	3.837	1.1126	7.0862	1.11258
4700	-3.6973	-2.4108	4.5365	1.1010	3.900	1.1240	7.3186	1.12397
4800	-3.5635	-2.2634	4.5589	1.1019	3.963	1.1355	7.5455	1.13550
4900	-3.4328	-2.1194	4.5804	1.1030	4.026	1.1471	7.7664	1.14712
5000	-3.3057	-1.9791	4.6009	1.1046	4.091	1.1588	7.9795	1.15879
5100	-3.1820	-1.8423	4.6208	1.1058	4.155	1.1708	8.1884	1.17075
5200	-3.0617	-1.7093	4.6396	1.1066	4.218	1.1825	8.3873	1.18245
5300	-2.9448	-1.5798	4.6577	1.1079	4.282	1.1941	8.5796	1.19414
5400	-2.8312	-1.4539	4.6752	1.1093	4.346	1.2058	8.7652	1.20580
5500	-2.7208	-1.3314	4.6919	1.1106	4.410	1.2174	8.9439	1.21742
5600	-2.6136	-1.2122	4.7080	1.1121	4.474	1.2290	9.1164	1.22901
5700	-2.5095	-1.0964	4.7235	1.1135	4.538	1.2405	9.2822	1.24053
5800	-2.4084	-0.9838	4.7385	1.1150	4.601	1.2520	9.4424	1.25201

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5900	-2.3103	-0.8743	4.7529	1.1165	4.665	1.2634	9.5960	1.26342
6000	-2.2149	-0.7678	4.7669	1.1181	4.729	1.2748	9.7443	1.27475
6100	-2.1226	-0.6645	4.7804	1.1198	4.793	1.2860	9.8862	1.28597
6200	-2.0330	-0.5640	4.7934	1.1212	4.856	1.2971	10.0227	1.29708
6300	-1.9459	-0.4663	4.8060	1.1228	4.919	1.3081	10.1539	1.30812
6400	-1.8613	-0.3713	4.8182	1.1243	4.982	1.3191	10.2801	1.31904
6500	-1.7791	-0.2788	4.8300	1.1259	5.045	1.3299	10.4015	1.32986
6600	-1.6993	-0.1888	4.8415	1.1273	5.107	1.3406	10.5180	1.34056
6700	-1.6216	-0.1012	4.8526	1.1289	5.170	1.3512	10.6303	1.35115
6800	-1.5461	-0.0160	4.8634	1.1305	5.232	1.3617	10.7380	1.36162
6900	-1.4727	0.0671	4.8739	1.1321	5.294	1.3721	10.8416	1.37199
7000	-1.4013	0.1480	4.8842	1.1336	5.356	1.3823	10.9411	1.38224
7100	-1.3319	0.2267	4.8941	1.1353	5.418	1.3925	11.0365	1.39237
7200	-1.2644	0.3035	4.9038	1.1368	5.479	1.4025	11.1281	1.40238
7300	-1.1986	0.3783	4.9132	1.1384	5.540	1.4124	11.2162	1.41228
7400	-1.1347	0.4511	4.9223	1.1401	5.601	1.4222	11.3005	1.42206
7500	-1.0724	0.5222	4.9313	1.1417	5.662	1.4319	11.3816	1.43172
7600	-1.0117	0.5915	4.9400	1.1432	5.723	1.4414	11.4593	1.44125
7700	-0.9526	0.6591	4.9485	1.1448	5.783	1.4509	11.5337	1.45066
7800	-0.8950	0.7251	4.9567	1.1463	5.843	1.4602	11.6052	1.45995
7900	-0.8388	0.7896	4.9648	1.1478	5.903	1.4694	11.6740	1.46911
8000	-0.7840	0.8525	4.9728	1.1493	5.962	1.4785	11.7399	1.47814
8100	-0.7306	0.9140	4.9805	1.1506	6.021	1.4874	11.8031	1.48705
8200	-0.6784	0.9740	4.9880	1.1521	6.080	1.4963	11.8640	1.49583
8300	-0.6274	1.0328	4.9954	1.1536	6.139	1.5050	11.9225	1.50449
8400	-0.5777	1.0902	5.0027	1.1551	6.197	1.5136	11.9786	1.51302
8500	-0.5291	1.1463	5.0098	1.1565	6.255	1.5220	12.0324	1.52144
8600	-0.4817	1.2012	5.0167	1.1580	6.313	1.5304	12.0842	1.52974
8700	-0.4353	1.2550	5.0235	1.1595	6.371	1.5387	12.1339	1.53793
8800	-0.3900	1.3075	5.0302	1.1609	6.428	1.5469	12.1816	1.54599
8900	-0.3457	1.3590	5.0367	1.1624	6.486	1.5549	12.2273	1.55396
9000	-0.3024	1.4093	5.0431	1.1639	6.543	1.5628	12.2711	1.56180
9100	-0.2601	1.4586	5.0494	1.1654	6.600	1.5707	12.3130	1.56953
9200	-0.2187	1.5069	5.0556	1.1671	6.657	1.5784	12.3532	1.57715
9300	-0.1782	1.5542	5.0616	1.1686	6.714	1.5861	12.3916	1.58466
9400	-0.1386	1.6005	5.0675	1.1701	6.770	1.5936	12.4284	1.59208
9500	-0.0999	1.6459	5.0734	1.1718	6.827	1.6011	12.4636	1.59938
9600	-0.0619	1.6903	5.0791	1.1733	6.883	1.6084	12.4973	1.60660
9700	-0.0248	1.7339	5.0847	1.1749	6.939	1.6157	12.5295	1.61372
9800	0.0115	1.7766	5.0902	1.1765	6.995	1.6229	12.5601	1.62073
9900	0.0471	1.8185	5.0956	1.1777	7.050	1.6300	12.5894	1.62763
10000	0.0819	1.8596	5.1010	1.1792	7.105	1.6370	12.6171	1.63442
10100	0.1160	1.8998	5.1062	1.1777	7.151	1.6438	12.6435	1.64107
10200	0.1513	1.9412	5.1117	1.1791	7.206	1.6510	12.6783	1.64805
10300	0.1840	1.9800	5.1167	1.1840	7.271	1.6578	12.7023	1.65454
10400	0.2161	2.0180	5.1217	1.1859	7.326	1.6644	12.7246	1.66089
10500	0.2474	2.0551	5.1266	1.1873	7.380	1.6709	12.7456	1.66714
10600	0.2783	2.0918	5.1314	1.1886	7.434	1.6773	12.7659	1.67332
10700	0.3084	2.1277	5.1361	1.1902	7.488	1.6837	12.7850	1.67938
10800	0.3380	2.1629	5.1407	1.1915	7.541	1.6899	12.8024	1.68532
10900	0.3671	2.1976	5.1453	1.1932	7.595	1.6961	12.8196	1.69121
11000	0.3956	2.2316	5.1498	1.1950	7.649	1.7022	12.8356	1.69700
11100	0.4235	2.2649	5.1542	1.1964	7.702	1.7083	12.8503	1.70268
11200	0.4510	2.2978	5.1586	1.1982	7.756	1.7143	12.8648	1.70833
11300	0.4777	2.3299	5.1629	1.2000	7.810	1.7201	12.8771	1.71377

S/R= 43.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	0.5041	2.3616	5.1671	1.2010	7.861	1.7259	12.8893	1.71920
11500	0.5301	2.3929	5.1713	1.2026	7.914	1.7317	12.9012	1.72459
11600	0.5555	2.4234	5.1754	1.2043	7.966	1.7373	12.9114	1.72981
11700	0.5805	2.4536	5.1795	1.2058	8.019	1.7429	12.9213	1.73498
11800	0.6050	2.4832	5.1835	1.2073	8.071	1.7484	12.9304	1.74007
11900	0.6293	2.5125	5.1875	1.2088	8.123	1.7540	12.9393	1.74514
12000	0.6529	2.5410	5.1913	1.2106	8.175	1.7593	12.9465	1.75004
12100	0.6762	2.5693	5.1952	1.2119	8.226	1.7647	12.9537	1.75492
12200	0.6991	2.5970	5.1990	1.2132	8.277	1.7699	12.9600	1.75970
12300	0.7218	2.6245	5.2027	1.2148	8.329	1.7752	12.9664	1.76447
12400	0.7438	2.6513	5.2064	1.2164	8.380	1.7804	12.9711	1.76908
12500	0.7657	2.6779	5.2101	1.2178	8.431	1.7855	12.9760	1.77367
12600	0.7871	2.7041	5.2137	1.2198	8.483	1.7906	12.9802	1.77820
12700	0.8082	2.7298	5.2172	1.2211	8.533	1.7955	12.9839	1.78264
12800	0.8289	2.7551	5.2207	1.2220	8.582	1.8005	12.9868	1.78699
12900	0.8494	2.7802	5.2242	1.2235	8.632	1.8054	12.9897	1.79134
13000	0.8696	2.8049	5.2276	1.2252	8.683	1.8103	12.9923	1.79562
13100	0.8894	2.8292	5.2310	1.2264	8.733	1.8151	12.9941	1.79982
13200	0.9089	2.8531	5.2344	1.2280	8.783	1.8198	12.9955	1.80395
13300	0.9281	2.8767	5.2377	1.2292	8.832	1.8245	12.9965	1.80802
13400	0.9472	2.9002	5.2410	1.2306	8.881	1.8292	12.9977	1.81209
13500	0.9658	2.9231	5.2442	1.2320	8.931	1.8338	12.9976	1.81603
13600	0.9843	2.9459	5.2474	1.2330	8.978	1.8384	12.9981	1.81997
13700	1.0025	2.9683	5.2506	1.2346	9.028	1.8429	12.9981	1.82387
13800	1.0204	2.9905	5.2537	1.2350	9.074	1.8474	12.9976	1.82768
13900	1.0382	3.0125	5.2569	1.2360	9.121	1.8519	12.9974	1.83152
14000	1.0557	3.0341	5.2600	1.2381	9.173	1.8563	12.9965	1.83522
14100	1.0730	3.0555	5.2630	1.2389	9.219	1.8607	12.9956	1.83897
14200	1.0901	3.0766	5.2661	1.2396	9.265	1.8651	12.9945	1.84265
14300	1.1069	3.0976	5.2691	1.2407	9.313	1.8694	12.9932	1.84628
14400	1.1236	3.1182	5.2720	1.2419	9.361	1.8737	12.9918	1.84988
14500	1.1400	3.1387	5.2750	1.2432	9.409	1.8779	12.9901	1.85342
14600	1.1563	3.1588	5.2779	1.2435	9.452	1.8821	12.9882	1.85692
14700	1.1725	3.1790	5.2808	1.2441	9.498	1.8863	12.9870	1.86046
14800	1.1883	3.1987	5.2837	1.2454	9.546	1.8904	12.9848	1.86390
14900	1.2041	3.2184	5.2866	1.2457	9.590	1.8946	12.9832	1.86738
15000	1.2197	3.2379	5.2894	1.2460	9.633	1.8987	12.9814	1.87080

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1400	-6.9710	-6.2611	3.7191	1.3172	2.196	1.0000	3.7406	1.00000
1500	-6.8765	-6.1367	3.7522	1.3155	2.272	1.0000	3.7681	1.00000
1600	-6.7872	-6.0193	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.7026	-5.9083	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.6220	-5.8030	3.8399	1.3072	2.481	1.0000	3.8427	1.00000
1900	-6.5453	-5.7028	3.8659	1.2930	2.535	1.0000	3.8649	1.00000
2000	-6.4665	-5.6018	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-6.3957	-5.5099	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.3280	-5.4219	3.9378	1.2970	2.732	1.0000	3.9385	1.00000
2300	-6.2627	-5.3374	3.9591	1.2952	2.791	1.0000	3.9571	1.00001
2400	-6.1999	-5.2561	3.9796	1.2928	2.848	1.0000	3.9754	1.00002
2500	-6.1390	-5.1774	3.9994	1.2894	2.903	1.0001	3.9945	1.00005
2600	-6.0796	-5.1010	4.0185	1.2840	2.955	1.0001	4.0134	1.00012
2700	-6.0209	-5.0259	4.0371	1.2756	3.001	1.0003	4.0340	1.00026

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z.	H/RT	Z*
2800	-5.9622	-4.9512	4.0556	1.2635	3.042	1.0005	4.0594	1.00052
2900	-5.9020	-4.8756	4.0742	1.2468	3.076	1.0010	4.0906	1.00097
3000	-5.8386	-4.7972	4.0932	1.2262	3.104	1.0017	4.1316	1.00173
3100	-5.7702	-4.7139	4.1134	1.2034	3.128	1.0029	4.1878	1.00294
3200	-5.6944	-4.6236	4.1348	1.1807	3.151	1.0048	4.2622	1.00476
3300	-5.6094	-4.5241	4.1580	1.1602	3.176	1.0073	4.3602	1.00735
3400	-5.5136	-4.4138	4.1832	1.1431	3.205	1.0109	4.4851	1.01088
3500	-5.4066	-4.2923	4.2102	1.1298	3.240	1.0154	4.6357	1.01542
3600	-5.2889	-4.1600	4.2387	1.1198	3.281	1.0210	4.8132	1.02101
3700	-5.1618	-4.0182	4.2683	1.1124	3.326	1.0276	5.0125	1.02762
3800	-5.0268	-3.8684	4.2985	1.1072	3.375	1.0352	5.2322	1.03517
3900	-4.8862	-3.7130	4.3287	1.1037	3.427	1.0436	5.4653	1.04357
4000	-4.7417	-3.5537	4.3585	1.1013	3.482	1.0527	5.7077	1.05268
4100	-4.5949	-3.3923	4.3878	1.0997	3.539	1.0624	5.9570	1.06241
4200	-4.4475	-3.2302	4.4162	1.0989	3.598	1.0726	6.2086	1.07265
4300	-4.3003	-3.0685	4.4438	1.0986	3.658	1.0833	6.4615	1.08331
4400	-4.1547	-2.9085	4.4702	1.0987	3.719	1.0943	6.7108	1.09429
4500	-4.0108	-2.7504	4.4957	1.0991	3.781	1.1056	6.9581	1.10556
4600	-3.8697	-2.5953	4.5200	1.0997	3.844	1.1170	7.1990	1.11701
4700	-3.7315	-2.4433	4.5433	1.1005	3.907	1.1286	7.4345	1.12861
4800	-3.5964	-2.2945	4.5657	1.1014	3.971	1.1403	7.6641	1.14035
4900	-3.4646	-2.1493	4.5871	1.1026	4.034	1.1522	7.8872	1.15216
5000	-3.3365	-2.0080	4.6076	1.1041	4.099	1.1640	8.1024	1.16402
5100	-3.2119	-1.8702	4.6273	1.1054	4.164	1.1762	8.3131	1.17615
5200	-3.0908	-1.7364	4.6461	1.1063	4.228	1.1880	8.5135	1.18802
5300	-2.9731	-1.6061	4.6642	1.1076	4.292	1.1999	8.7072	1.19987
5400	-2.8589	-1.4795	4.6815	1.1090	4.356	1.2117	8.8938	1.21169
5500	-2.7479	-1.3564	4.6982	1.1104	4.420	1.2235	9.0738	1.22346
5600	-2.6402	-1.2367	4.7142	1.1118	4.485	1.2352	9.2470	1.23519
5700	-2.5357	-1.1204	4.7296	1.1133	4.549	1.2469	9.4137	1.24686
5800	-2.4342	-1.0073	4.7445	1.1148	4.613	1.2585	9.5744	1.25847
5900	-2.3356	-0.8974	4.7589	1.1163	4.677	1.2700	9.7287	1.27001
6000	-2.2400	-0.7905	4.7728	1.1180	4.741	1.2815	9.8774	1.28146
6100	-2.1473	-0.6869	4.7862	1.1196	4.805	1.2928	10.0198	1.29280
6200	-2.0574	-0.5861	4.7991	1.1211	4.869	1.3041	10.1566	1.30404
6300	-1.9701	-0.4881	4.8117	1.1226	4.932	1.3152	10.2881	1.31519
6400	-1.8853	-0.3929	4.8238	1.1242	4.995	1.3262	10.4144	1.32622
6500	-1.8029	-0.3001	4.8356	1.1258	5.058	1.3372	10.5360	1.33715
6600	-1.7228	-0.2100	4.8470	1.1272	5.121	1.3480	10.6526	1.34796
6700	-1.6450	-0.1222	4.8581	1.1288	5.184	1.3587	10.7649	1.35865
6800	-1.5694	-0.0368	4.8688	1.1305	5.246	1.3693	10.8726	1.36922
6900	-1.4959	0.0464	4.8793	1.1320	5.309	1.3797	10.9761	1.37968
7000	-1.4243	0.1274	4.8895	1.1336	5.371	1.3901	11.0755	1.39003
7100	-1.3548	0.2063	4.8993	1.1353	5.433	1.4003	11.1708	1.40025
7200	-1.2872	0.2831	4.9090	1.1368	5.494	1.4105	11.2623	1.41035
7300	-1.2214	0.3580	4.9183	1.1384	5.556	1.4204	11.3501	1.42033
7400	-1.1573	0.4309	4.9274	1.1401	5.617	1.4303	11.4343	1.43019
7500	-1.0950	0.5021	4.9363	1.1417	5.678	1.4401	11.5149	1.43993
7600	-1.0343	0.5714	4.9450	1.1432	5.739	1.4497	11.5924	1.44953
7700	-0.9751	0.6391	4.9534	1.1448	5.800	1.4592	11.6666	1.45902
7800	-0.9175	0.7051	4.9617	1.1463	5.860	1.4686	11.7377	1.46838
7900	-0.8613	0.7696	4.9697	1.1478	5.920	1.4779	11.8061	1.47761
8000	-0.8065	0.8325	4.9776	1.1493	5.979	1.4870	11.8716	1.48671
8100	-0.7531	0.8940	4.9853	1.1507	6.038	1.4960	11.9346	1.49567
8200	-0.7009	0.9540	4.9928	1.1522	6.098	1.5049	11.9949	1.50452

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-0.6500	1.0127	5.0002	1.1536	6.156	1.5137	12.0529	1.51324
8400	-0.6003	1.0701	5.0074	1.1552	6.215	1.5223	12.1086	1.52182
8500	-0.5517	1.1262	5.0144	1.1567	6.274	1.5309	12.1619	1.53030
8600	-0.5043	1.1811	5.0213	1.1581	6.332	1.5393	12.2132	1.53865
8700	-0.4580	1.2348	5.0281	1.1596	6.390	1.5476	12.2623	1.54689
8800	-0.4127	1.2873	5.0347	1.1611	6.447	1.5558	12.3095	1.55500
8900	-0.3685	1.3387	5.0412	1.1626	6.505	1.5639	12.3546	1.56301
9000	-0.3252	1.3890	5.0476	1.1641	6.562	1.5719	12.3978	1.57090
9100	-0.2830	1.4383	5.0538	1.1656	6.619	1.5798	12.4392	1.57866
9200	-0.2416	1.4865	5.0600	1.1672	6.677	1.5875	12.4788	1.58632
9300	-0.2012	1.5337	5.0660	1.1687	6.734	1.5952	12.5165	1.59387
9400	-0.1617	1.5799	5.0719	1.1702	6.790	1.6028	12.5527	1.60132
9500	-0.1230	1.6252	5.0777	1.1720	6.847	1.6102	12.5872	1.60865
9600	-0.0851	1.6696	5.0833	1.1735	6.903	1.6176	12.6203	1.61590
9700	-0.0481	1.7131	5.0889	1.1751	6.959	1.6249	12.6519	1.62305
9800	-0.0119	1.7557	5.0944	1.1767	7.015	1.6321	12.6819	1.63008
9900	0.0236	1.7975	5.0998	1.1780	7.070	1.6392	12.7103	1.63700
10000	0.0584	1.8385	5.1051	1.1794	7.126	1.6462	12.7374	1.64381
10100	0.0924	1.8786	5.1103	1.1780	7.172	1.6531	12.7630	1.65049
10200	0.1275	1.9199	5.1157	1.1794	7.227	1.6603	12.7970	1.65749
10300	0.1602	1.9586	5.1207	1.1843	7.292	1.6671	12.8203	1.66400
10400	0.1921	1.9964	5.1257	1.1861	7.348	1.6737	12.8420	1.67036
10500	0.2233	2.0335	5.1305	1.1875	7.402	1.6802	12.8622	1.67662
10600	0.2541	2.0700	5.1353	1.1889	7.455	1.6866	12.8817	1.68281
10700	0.2842	2.1058	5.1400	1.1905	7.510	1.6930	12.9000	1.68888
10800	0.3136	2.1409	5.1446	1.1918	7.563	1.6992	12.9167	1.69483
10900	0.3426	2.1755	5.1491	1.1935	7.617	1.7054	12.9331	1.70073
11000	0.3710	2.2094	5.1536	1.1953	7.671	1.7115	12.9483	1.70653
11100	0.3988	2.2426	5.1580	1.1967	7.724	1.7175	12.9623	1.71221
11200	0.4262	2.2754	5.1624	1.1985	7.778	1.7235	12.9759	1.71786
11300	0.4528	2.3073	5.1666	1.2003	7.832	1.7292	12.9875	1.72331
11400	0.4791	2.3389	5.1708	1.2013	7.882	1.7350	12.9990	1.72874
11500	0.5050	2.3701	5.1750	1.2029	7.935	1.7408	13.0101	1.73412
11600	0.5303	2.4005	5.1790	1.2046	7.988	1.7464	13.0193	1.73934
11700	0.5552	2.4305	5.1831	1.2061	8.040	1.7520	13.0285	1.74451
11800	0.5796	2.4600	5.1871	1.2076	8.092	1.7574	13.0367	1.74959
11900	0.6038	2.4891	5.1910	1.2090	8.144	1.7629	13.0450	1.75466
12000	0.6272	2.5176	5.1948	1.2108	8.197	1.7683	13.0513	1.75955
12100	0.6505	2.5457	5.1987	1.2122	8.248	1.7736	13.0577	1.76442
12200	0.6732	2.5733	5.2024	1.2134	8.298	1.7788	13.0632	1.76920
12300	0.6958	2.6007	5.2061	1.2150	8.350	1.7840	13.0688	1.77396
12400	0.7177	2.6274	5.2098	1.2167	8.401	1.7891	13.0727	1.77856
12500	0.7395	2.6539	5.2134	1.2181	8.452	1.7942	13.0768	1.78315
12600	0.7608	2.6799	5.2170	1.2199	8.504	1.7992	13.0802	1.78766
12700	0.7818	2.7055	5.2205	1.2211	8.554	1.8041	13.0831	1.79209
12800	0.8024	2.7306	5.2240	1.2221	8.602	1.8090	13.0852	1.79643
12900	0.8228	2.7556	5.2274	1.2236	8.653	1.8139	13.0874	1.80077
13000	0.8429	2.7802	5.2309	1.2253	8.704	1.8187	13.0893	1.80504
13100	0.8626	2.8044	5.2342	1.2265	8.753	1.8234	13.0904	1.80923
13200	0.8821	2.8282	5.2375	1.2281	8.803	1.8281	13.0909	1.81335
13300	0.9011	2.8517	5.2408	1.2292	8.851	1.8327	13.0910	1.81740
13400	0.9201	2.8750	5.2441	1.2306	8.901	1.8373	13.0914	1.82146
13500	0.9386	2.8978	5.2473	1.2321	8.951	1.8418	13.0907	1.82538
13600	0.9570	2.9205	5.2505	1.2328	8.997	1.8464	13.0904	1.82931
13700	0.9751	2.9428	5.2536	1.2344	9.047	1.8508	13.0896	1.83319

S/R= 43.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	0.9930	2.9649	5.2568	1.2349	9.093	1.8552	13.0886	1.83701
13900	1.0107	2.9868	5.2599	1.2358	9.140	1.8597	13.0877	1.84084
14000	1.0281	3.0083	5.2629	1.2378	9.191	1.8640	13.0860	1.84453
14100	1.0453	3.0296	5.2660	1.2387	9.237	1.8683	13.0844	1.84826
14200	1.0623	3.0506	5.2690	1.2393	9.283	1.8726	13.0827	1.85193
14300	1.0791	3.0715	5.2720	1.2403	9.330	1.8768	13.0807	1.85555
14400	1.0957	3.0920	5.2749	1.2416	9.378	1.8810	13.0785	1.85912
14500	1.1120	3.1123	5.2778	1.2428	9.425	1.8851	13.0761	1.86266
14600	1.1282	3.1324	5.2807	1.2430	9.469	1.8892	13.0735	1.86615
14700	1.1443	3.1525	5.2836	1.2437	9.514	1.8934	13.0715	1.86967
14800	1.1601	3.1721	5.2865	1.2449	9.561	1.8974	13.0687	1.87310
14900	1.1758	3.1917	5.2893	1.2451	9.605	1.9015	13.0665	1.87656
15000	1.1914	3.2111	5.2922	1.2453	9.648	1.9055	13.0641	1.87999

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1500	-6.9634	-6.2236	3.7522	1.3138	2.270	1.0000	3.7680	1.00000
1600	-6.8741	-6.1062	3.7832	1.3124	2.343	1.0000	3.7942	1.00000
1700	-6.7894	-5.9952	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.7089	-5.8899	3.8399	1.3072	2.481	1.0000	3.8426	1.00000
1900	-6.6322	-5.7897	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-6.5533	-5.6887	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-6.4826	-5.5968	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.4148	-5.5088	3.9378	1.2970	2.732	1.0000	3.9386	1.00000
2300	-6.3496	-5.4242	3.9591	1.2951	2.791	1.0000	3.9572	1.00001
2400	-6.2867	-5.3429	3.9796	1.2926	2.848	1.0000	3.9755	1.00002
2500	-6.2257	-5.2641	3.9994	1.2889	2.903	1.0001	3.9948	1.00006
2600	-6.1662	-5.1875	4.0185	1.2831	2.954	1.0001	4.0140	1.00013
2700	-6.1073	-5.1122	4.0372	1.2740	3.000	1.0003	4.0351	1.00029
2800	-6.0481	-5.0371	4.0559	1.2610	3.039	1.0006	4.0616	1.00057
2900	-5.9871	-4.9606	4.0746	1.2433	3.072	1.0011	4.0946	1.00107
3000	-5.9225	-4.8809	4.0940	1.2216	3.099	1.0019	4.1384	1.00191
3100	-5.8522	-4.7958	4.1145	1.1982	3.122	1.0032	4.1987	1.00323
3200	-5.7739	-4.7029	4.1365	1.1755	3.144	1.0052	4.2787	1.00521
3300	-5.6856	-4.6001	4.1604	1.1553	3.170	1.0080	4.3839	1.00802
3400	-5.5860	-4.4859	4.1864	1.1388	3.201	1.0118	4.5173	1.01182
3500	-5.4749	-4.3600	4.2141	1.1262	3.237	1.0167	4.6773	1.01666
3600	-5.3528	-4.2232	4.2433	1.1168	3.279	1.0226	4.8645	1.02260
3700	-5.2214	-4.0770	4.2735	1.1100	3.325	1.0295	5.0733	1.02955
3800	-5.0823	-3.9230	4.3042	1.1052	3.375	1.0375	5.3020	1.03745
3900	-4.9379	-3.7637	4.3348	1.1020	3.429	1.0462	5.5434	1.04619
4000	-4.7901	-3.6009	4.3650	1.0999	3.485	1.0556	5.7932	1.05561
4100	-4.6403	-3.4363	4.3945	1.0986	3.543	1.0656	6.0491	1.06565
4200	-4.4902	-3.2715	4.4230	1.0979	3.602	1.0762	6.3064	1.07616
4300	-4.3406	-3.1073	4.4507	1.0978	3.663	1.0871	6.5644	1.08710
4400	-4.1930	-2.9452	4.4771	1.0979	3.725	1.0983	6.8182	1.09832
4500	-4.0473	-2.7852	4.5026	1.0984	3.787	1.1098	7.0691	1.10983
4600	-3.9046	-2.6285	4.5269	1.0991	3.851	1.1215	7.3134	1.12150
4700	-3.7650	-2.4750	4.5502	1.0999	3.914	1.1333	7.5519	1.13332
4800	-3.6287	-2.3250	4.5724	1.1010	3.978	1.1452	7.7839	1.14525
4900	-3.4958	-2.1786	4.5938	1.1021	4.043	1.1573	8.0092	1.15725
5000	-3.3667	-2.0362	4.6142	1.1038	4.108	1.1693	8.2265	1.16929
5100	-3.2412	-1.8976	4.6339	1.1050	4.173	1.1816	8.4388	1.18159
5200	-3.1194	-1.7629	4.6526	1.1059	4.237	1.1936	8.6407	1.19364

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-3.0010	-1.6319	4.6705	1.1073	4.301	1.2056	8.8359	1.20565
5400	-2.8862	-1.5046	4.6878	1.1087	4.366	1.2176	9.0235	1.21761
5500	-2.7746	-1.3809	4.7044	1.1101	4.431	1.2295	9.2045	1.22954
5600	-2.6664	-1.2607	4.7203	1.1116	4.495	1.2414	9.3784	1.24140
5700	-2.5614	-1.1439	4.7357	1.1131	4.560	1.2532	9.5460	1.25321
5800	-2.4595	-1.0304	4.7505	1.1146	4.624	1.2650	9.7072	1.26496
5900	-2.3606	-0.9201	4.7648	1.1161	4.689	1.2766	9.8621	1.27663
6000	-2.2646	-0.8129	4.7786	1.1178	4.753	1.2882	10.0112	1.28821
6100	-2.1717	-0.7089	4.7920	1.1194	4.817	1.2997	10.1540	1.29967
6200	-2.0815	-0.6079	4.8048	1.1210	4.881	1.3110	10.2910	1.31102
6300	-1.9939	-0.5096	4.8173	1.1225	4.945	1.3223	10.4229	1.32229
6400	-1.9089	-0.4142	4.8294	1.1241	5.009	1.3335	10.5492	1.33343
6500	-1.8263	-0.3212	4.8411	1.1257	5.072	1.3445	10.6709	1.34447
6600	-1.7461	-0.2309	4.8525	1.1272	5.135	1.3554	10.7875	1.35538
6700	-1.6681	-0.1429	4.8635	1.1288	5.198	1.3662	10.8998	1.36617
6800	-1.5923	-0.0573	4.8742	1.1304	5.261	1.3769	11.0076	1.37685
6900	-1.5187	0.0259	4.8846	1.1319	5.323	1.3875	11.1109	1.38740
7000	-1.4471	0.1071	4.8947	1.1335	5.386	1.3979	11.2102	1.39783
7100	-1.3775	0.1861	4.9045	1.1352	5.448	1.4082	11.3054	1.40814
7200	-1.3098	0.2629	4.9141	1.1368	5.510	1.4184	11.3966	1.41833
7300	-1.2439	0.3379	4.9234	1.1384	5.572	1.4285	11.4842	1.42839
7400	-1.1798	0.4109	4.9325	1.1400	5.633	1.4385	11.5682	1.43833
7500	-1.1174	0.4821	4.9413	1.1417	5.695	1.4483	11.6485	1.44815
7600	-1.0567	0.5515	4.9500	1.1432	5.756	1.4580	11.7256	1.45783
7700	-0.9975	0.6192	4.9584	1.1448	5.816	1.4676	11.7995	1.46739
7800	-0.9399	0.6852	4.9666	1.1464	5.877	1.4770	11.8703	1.47681
7900	-0.8837	0.7497	4.9746	1.1479	5.937	1.4864	11.9382	1.48611
8000	-0.8289	0.8126	4.9824	1.1494	5.997	1.4956	12.0034	1.49527
8100	-0.7754	0.8741	4.9900	1.1507	6.056	1.5046	12.0658	1.50430
8200	-0.7233	0.9341	4.9975	1.1523	6.115	1.5136	12.1258	1.51320
8300	-0.6724	0.9928	5.0048	1.1538	6.174	1.5224	12.1833	1.52198
8400	-0.6227	1.0502	5.0120	1.1553	6.233	1.5311	12.2385	1.53062
8500	-0.5742	1.1063	5.0190	1.1568	6.292	1.5397	12.2913	1.53915
8600	-0.5268	1.1611	5.0259	1.1582	6.350	1.5482	12.3420	1.54755
8700	-0.4805	1.2147	5.0326	1.1597	6.408	1.5565	12.3906	1.55583
8800	-0.4353	1.2672	5.0392	1.1612	6.466	1.5648	12.4372	1.56399
8900	-0.3911	1.3186	5.0457	1.1627	6.524	1.5729	12.4818	1.57204
9000	-0.3480	1.3688	5.0520	1.1642	6.582	1.5809	12.5243	1.57997
9100	-0.3058	1.4180	5.0582	1.1658	6.639	1.5888	12.5651	1.58778
9200	-0.2645	1.4661	5.0643	1.1674	6.696	1.5966	12.6040	1.59547
9300	-0.2241	1.5132	5.0703	1.1689	6.753	1.6043	12.6412	1.60305
9400	-0.1847	1.5594	5.0761	1.1705	6.810	1.6119	12.6767	1.61053
9500	-0.1461	1.6046	5.0819	1.1722	6.867	1.6194	12.7105	1.61789
9600	-0.1083	1.6489	5.0875	1.1737	6.924	1.6268	12.7429	1.62517
9700	-0.0714	1.6923	5.0931	1.1753	6.980	1.6341	12.7737	1.63235
9800	-0.0352	1.7348	5.0985	1.1769	7.036	1.6414	12.8031	1.63940
9900	0.0002	1.7765	5.1039	1.1782	7.091	1.6485	12.8309	1.64634
10000	0.0348	1.8174	5.1091	1.1797	7.146	1.6555	12.8572	1.65317
10100	0.0688	1.8574	5.1143	1.1783	7.192	1.6623	12.8820	1.65986
10200	0.1038	1.8986	5.1197	1.1797	7.248	1.6696	12.9153	1.66688
10300	0.1363	1.9371	5.1247	1.1845	7.313	1.6763	12.9377	1.67341
10400	0.1682	1.9749	5.1296	1.1864	7.369	1.6829	12.9586	1.67978
10500	0.1993	2.0118	5.1344	1.1878	7.423	1.6894	12.9781	1.68604
10600	0.2300	2.0482	5.1391	1.1892	7.477	1.6958	12.9968	1.69225
10700	0.2599	2.0839	5.1438	1.1908	7.531	1.7022	13.0143	1.69833

S/R= 43.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	0.2893	2.1189	5.1484	1.1921	7.584	1.7084	13.0302	1.70428
10900	0.3182	2.1533	5.1529	1.1938	7.638	1.7146	13.0458	1.71019
11000	0.3464	2.1871	5.1573	1.1956	7.693	1.7207	13.0602	1.71599
11100	0.3741	2.2202	5.1617	1.1971	7.746	1.7266	13.0734	1.72167
11200	0.4014	2.2529	5.1660	1.1988	7.800	1.7326	13.0863	1.72731
11300	0.4279	2.2847	5.1703	1.2006	7.853	1.7384	13.0970	1.73276
11400	0.4540	2.3161	5.1744	1.2015	7.904	1.7441	13.1078	1.73818
11500	0.4799	2.3472	5.1786	1.2032	7.957	1.7498	13.1179	1.74357
11600	0.5050	2.3774	5.1826	1.2049	8.010	1.7554	13.1264	1.74878
11700	0.5298	2.4073	5.1866	1.2064	8.062	1.7609	13.1347	1.75395
11800	0.5541	2.4367	5.1905	1.2079	8.114	1.7664	13.1422	1.75902
11900	0.5781	2.4657	5.1945	1.2094	8.166	1.7718	13.1495	1.76408
12000	0.6015	2.4940	5.1983	1.2111	8.218	1.7771	13.1552	1.76896
12100	0.6246	2.5220	5.2021	1.2124	8.269	1.7824	13.1606	1.77382
12200	0.6473	2.5495	5.2058	1.2137	8.319	1.7876	13.1654	1.77859
12300	0.6697	2.5768	5.2095	1.2153	8.371	1.7928	13.1701	1.78334
12400	0.6916	2.6033	5.2131	1.2169	8.422	1.7978	13.1732	1.78793
12500	0.7132	2.6296	5.2167	1.2183	8.473	1.8028	13.1765	1.79250
12600	0.7344	2.6555	5.2203	1.2202	8.525	1.8078	13.1791	1.79700
12700	0.7553	2.6810	5.2238	1.2214	8.575	1.8126	13.1811	1.80141
12800	0.7758	2.7060	5.2272	1.2223	8.623	1.8174	13.1825	1.80574
12900	0.7961	2.7309	5.2306	1.2237	8.673	1.8223	13.1840	1.81007
13000	0.8161	2.7553	5.2340	1.2254	8.724	1.8270	13.1851	1.81433
13100	0.8357	2.7794	5.2374	1.2266	8.773	1.8317	13.1853	1.81851
13200	0.8550	2.8031	5.2407	1.2282	8.823	1.8363	13.1852	1.82260
13300	0.8740	2.8265	5.2439	1.2292	8.871	1.8408	13.1845	1.82664
13400	0.8929	2.8497	5.2472	1.2307	8.921	1.8454	13.1841	1.83068
13500	0.9113	2.8724	5.2503	1.2321	8.970	1.8498	13.1826	1.83459
13600	0.9296	2.8949	5.2535	1.2328	9.017	1.8543	13.1815	1.83851
13700	0.9476	2.9171	5.2566	1.2344	9.066	1.8587	13.1800	1.84237
13800	0.9654	2.9391	5.2597	1.2348	9.111	1.8630	13.1781	1.84617
13900	0.9831	2.9609	5.2628	1.2357	9.158	1.8674	13.1766	1.84999
14000	1.0004	2.9823	5.2659	1.2376	9.209	1.8716	13.1743	1.85367
14100	1.0175	3.0035	5.2689	1.2386	9.256	1.8758	13.1720	1.85739
14200	1.0344	3.0244	5.2719	1.2391	9.301	1.8800	13.1696	1.86104
14300	1.0511	3.0452	5.2748	1.2400	9.347	1.8842	13.1668	1.86465
14400	1.0676	3.0656	5.2778	1.2413	9.395	1.8883	13.1640	1.86821
14500	1.0839	3.0858	5.2807	1.2425	9.442	1.8923	13.1609	1.87173
14600	1.1000	3.1058	5.2835	1.2425	9.485	1.8963	13.1576	1.87520
14700	1.1160	3.1258	5.2864	1.2432	9.530	1.9004	13.1549	1.87871
14800	1.1317	3.1453	5.2892	1.2445	9.577	1.9043	13.1514	1.88213
14900	1.1474	3.1648	5.2921	1.2447	9.620	1.9083	13.1485	1.88558
15000	1.1629	3.1841	5.2949	1.2447	9.662	1.9122	13.1456	1.88899

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1600	-6.9610	-6.1931	3.7832	1.3108	2.342	1.0000	3.7942	1.00000
1700	-6.8763	-6.0820	3.8124	1.3096	2.413	1.0000	3.8191	1.00000
1800	-6.7958	-5.9767	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-6.7191	-5.8765	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-6.6402	-5.7755	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.5695	-5.6836	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.5016	-5.5956	3.9378	1.2970	2.732	1.0000	3.9386	1.00000
2300	-6.4364	-5.5111	3.9591	1.2950	2.791	1.0000	3.9572	1.00001

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-6.3735	-5.4297	3.9796	1.2923	2.848	1.0000	3.9757	1.00003
2500	-6.3124	-5.3508	3.9995	1.2884	2.902	1.0001	3.9950	1.00007
2600	-6.2528	-5.2741	4.0186	1.2821	2.953	1.0001	4.0146	1.00015
2700	-6.1936	-5.1985	4.0374	1.2723	2.998	1.0003	4.0365	1.00032
2800	-6.1338	-5.1228	4.0561	1.2583	3.036	1.0006	4.0641	1.00063
2900	-6.0720	-5.0455	4.0751	1.2396	3.068	1.0012	4.0990	1.00118
3000	-6.0060	-4.9644	4.0947	1.2170	3.093	1.0021	4.1458	1.00210
3100	-5.9337	-4.8772	4.1157	1.1929	3.115	1.0035	4.2106	1.00355
3200	-5.8527	-4.7815	4.1383	1.1703	3.138	1.0057	4.2966	1.00570
3300	-5.7611	-4.6752	4.1629	1.1505	3.165	1.0087	4.4094	1.00875
3400	-5.6575	-4.5569	4.1897	1.1347	3.197	1.0128	4.5517	1.01282
3500	-5.5420	-4.4266	4.2181	1.1228	3.234	1.0180	4.7214	1.01799
3600	-5.4155	-4.2852	4.2481	1.1140	3.277	1.0243	4.9185	1.02426
3700	-5.2797	-4.1344	4.2789	1.1077	3.325	1.0316	5.1369	1.03157
3800	-5.1366	-3.9763	4.3101	1.1033	3.376	1.0398	5.3746	1.03982
3900	-4.9885	-3.8131	4.3411	1.1004	3.431	1.0489	5.6241	1.04888
4000	-4.8373	-3.6469	4.3715	1.0986	3.488	1.0586	5.8812	1.05862
4100	-4.6846	-3.4793	4.4012	1.0975	3.547	1.0690	6.1435	1.06896
4200	-4.5320	-3.3118	4.4299	1.0970	3.607	1.0798	6.4064	1.07975
4300	-4.3801	-3.1452	4.4576	1.0969	3.668	1.0910	6.6693	1.09095
4400	-4.2305	-2.9811	4.4840	1.0972	3.731	1.1024	6.9272	1.10242
4500	-4.0830	-2.8193	4.5095	1.0978	3.794	1.1142	7.1819	1.11416
4600	-3.9388	-2.6609	4.5337	1.0986	3.858	1.1260	7.4295	1.12605
4700	-3.7979	-2.5060	4.5569	1.0995	3.922	1.1381	7.6708	1.13808
4800	-3.6604	-2.3548	4.5792	1.1005	3.986	1.1502	7.9051	1.15020
4900	-3.5265	-2.2073	4.6004	1.1017	4.051	1.1624	8.1326	1.16240
5000	-3.3964	-2.0639	4.6208	1.1034	4.117	1.1746	8.3518	1.17462
5100	-3.2700	-1.9244	4.6403	1.1047	4.182	1.1871	8.5656	1.18709
5200	-3.1474	-1.7889	4.6590	1.1056	4.246	1.1993	8.7691	1.19930
5300	-3.0284	-1.6572	4.6768	1.1071	4.311	1.2115	8.9653	1.21146
5400	-2.9130	-1.5294	4.6940	1.1085	4.376	1.2236	9.1540	1.22358
5500	-2.8009	-1.4051	4.7105	1.1099	4.441	1.2357	9.3360	1.23566
5600	-2.6923	-1.2844	4.7264	1.1114	4.506	1.2477	9.5107	1.24766
5700	-2.5868	-1.1671	4.7417	1.1129	4.571	1.2596	9.6791	1.25961
5800	-2.4845	-1.0532	4.7565	1.1144	4.636	1.2715	9.8406	1.27148
5900	-2.3852	-0.9425	4.7707	1.1159	4.700	1.2833	9.9962	1.28328
6000	-2.2890	-0.8350	4.7844	1.1176	4.765	1.2950	10.1455	1.29498
6100	-2.1957	-0.7306	4.7977	1.1193	4.830	1.3066	10.2888	1.30658
6200	-2.1053	-0.6294	4.8105	1.1209	4.894	1.3181	10.4259	1.31804
6300	-2.0175	-0.5309	4.8229	1.1224	4.958	1.3294	10.5580	1.32942
6400	-1.9323	-0.4352	4.8349	1.1240	5.022	1.3407	10.6845	1.34067
6500	-1.8495	-0.3421	4.8466	1.1256	5.086	1.3518	10.8061	1.35181
6600	-1.7691	-0.2515	4.8579	1.1271	5.149	1.3629	10.9230	1.36283
6700	-1.6910	-0.1634	4.8689	1.1287	5.212	1.3738	11.0351	1.37372
6800	-1.6151	-0.0777	4.8795	1.1303	5.275	1.3845	11.1429	1.38449
6900	-1.5414	0.0057	4.8899	1.1319	5.338	1.3952	11.2461	1.39513
7000	-1.4697	0.0869	4.8999	1.1335	5.401	1.4057	11.3451	1.40566
7100	-1.3999	0.1660	4.9097	1.1352	5.463	1.4161	11.4403	1.41606
7200	-1.3322	0.2430	4.9192	1.1368	5.525	1.4264	11.5312	1.42633
7300	-1.2663	0.3180	4.9285	1.1384	5.587	1.4366	11.6185	1.43647
7400	-1.2021	0.3911	4.9375	1.1400	5.649	1.4466	11.7023	1.44649
7500	-1.1397	0.4623	4.9463	1.1417	5.711	1.4565	11.7823	1.45638
7600	-1.0789	0.5317	4.9549	1.1432	5.772	1.4663	11.8590	1.46613
7700	-1.0197	0.5994	4.9632	1.1448	5.833	1.4760	11.9326	1.47576
7800	-0.9621	0.6655	4.9714	1.1464	5.894	1.4855	12.0029	1.48525

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-0.9059	0.7299	4.9794	1.1480	5.954	1.4949	12.0704	1.49462
8000	-0.8511	0.7929	4.9871	1.1494	6.014	1.5041	12.1351	1.50384
8100	-0.7977	0.8543	4.9947	1.1508	6.073	1.5133	12.1972	1.51293
8200	-0.7456	0.9143	5.0022	1.1524	6.133	1.5223	12.2566	1.52189
8300	-0.6947	0.9730	5.0095	1.1539	6.192	1.5311	12.3136	1.53072
8400	-0.6450	1.0303	5.0166	1.1554	6.251	1.5399	12.3683	1.53941
8500	-0.5966	1.0864	5.0236	1.1569	6.310	1.5485	12.4205	1.54799
8600	-0.5492	1.1412	5.0304	1.1584	6.369	1.5570	12.4707	1.55643
8700	-0.5030	1.1947	5.0371	1.1599	6.427	1.5654	12.5188	1.56477
8800	-0.4578	1.2472	5.0436	1.1613	6.485	1.5737	12.5647	1.57297
8900	-0.4137	1.2984	5.0501	1.1629	6.543	1.5819	12.6087	1.58106
9000	-0.3706	1.3486	5.0564	1.1644	6.601	1.5899	12.6506	1.58902
9100	-0.3285	1.3977	5.0625	1.1660	6.658	1.5979	12.6907	1.59687
9200	-0.2873	1.4457	5.0686	1.1676	6.716	1.6057	12.7290	1.60459
9300	-0.2470	1.4928	5.0745	1.1691	6.773	1.6134	12.7655	1.61221
9400	-0.2077	1.5388	5.0803	1.1707	6.830	1.6210	12.8003	1.61971
9500	-0.1691	1.5840	5.0861	1.1724	6.887	1.6285	12.8335	1.62710
9600	-0.1315	1.6282	5.0917	1.1740	6.944	1.6360	12.8651	1.63441
9700	-0.0946	1.6715	5.0972	1.1755	7.000	1.6433	12.8952	1.64161
9800	-0.0585	1.7139	5.1026	1.1772	7.056	1.6505	12.9237	1.64868
9900	-0.0232	1.7555	5.1079	1.1785	7.112	1.6577	12.9509	1.65564
10000	0.0113	1.7962	5.1132	1.1800	7.167	1.6647	12.9765	1.66248
10100	0.0451	1.8362	5.1183	1.1786	7.213	1.6715	13.0006	1.66919
10200	0.0800	1.8772	5.1236	1.1800	7.269	1.6788	13.0329	1.67623
10300	0.1125	1.9156	5.1286	1.1848	7.334	1.6855	13.0546	1.68276
10400	0.1442	1.9533	5.1335	1.1867	7.390	1.6921	13.0747	1.68915
10500	0.1752	1.9901	5.1382	1.1882	7.444	1.6986	13.0933	1.69541
10600	0.2058	2.0264	5.1430	1.1895	7.498	1.7050	13.1113	1.70162
10700	0.2356	2.0619	5.1476	1.1911	7.552	1.7113	13.1280	1.70770
10800	0.2648	2.0968	5.1521	1.1924	7.605	1.7175	13.1431	1.71366
10900	0.2936	2.1311	5.1566	1.1941	7.660	1.7237	13.1579	1.71957
11000	0.3218	2.1647	5.1610	1.1960	7.714	1.7298	13.1714	1.72537
11100	0.3493	2.1977	5.1654	1.1974	7.767	1.7357	13.1837	1.73104
11200	0.3765	2.2302	5.1697	1.1991	7.821	1.7416	13.1958	1.73669
11300	0.4029	2.2619	5.1738	1.2009	7.875	1.7474	13.2057	1.74213
11400	0.4289	2.2932	5.1780	1.2019	7.926	1.7531	13.2155	1.74755
11500	0.4546	2.3241	5.1821	1.2035	7.978	1.7588	13.2249	1.75292
11600	0.4796	2.3542	5.1861	1.2052	8.031	1.7643	13.2326	1.75813
11700	0.5043	2.3840	5.1901	1.2067	8.084	1.7698	13.2400	1.76329
11800	0.5285	2.4132	5.1940	1.2082	8.135	1.7753	13.2465	1.76835
11900	0.5524	2.4421	5.1979	1.2098	8.187	1.7807	13.2530	1.77339
12000	0.5756	2.4703	5.2017	1.2114	8.240	1.7859	13.2579	1.77827
12100	0.5986	2.4982	5.2054	1.2127	8.290	1.7911	13.2626	1.78312
12200	0.6212	2.5255	5.2091	1.2140	8.341	1.7963	13.2665	1.78787
12300	0.6435	2.5526	5.2128	1.2157	8.393	1.8014	13.2704	1.79260
12400	0.6653	2.5791	5.2164	1.2171	8.443	1.8064	13.2727	1.79718
12500	0.6868	2.6053	5.2199	1.2186	8.494	1.8113	13.2750	1.80174
12600	0.7079	2.6310	5.2235	1.2204	8.546	1.8162	13.2768	1.80622
12700	0.7286	2.6563	5.2269	1.2217	8.596	1.8210	13.2780	1.81061
12800	0.7490	2.6813	5.2304	1.2226	8.644	1.8258	13.2786	1.81492
12900	0.7692	2.7060	5.2338	1.2239	8.693	1.8306	13.2793	1.81923
13000	0.7891	2.7303	5.2371	1.2254	8.744	1.8352	13.2795	1.82348
13100	0.8086	2.7543	5.2404	1.2267	8.793	1.8399	13.2791	1.82764
13200	0.8279	2.7779	5.2437	1.2284	8.843	1.8444	13.2781	1.83172
13300	0.8468	2.8011	5.2469	1.2294	8.891	1.8489	13.2767	1.83574

S/R= 43.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	0.8655	2.8242	5.2502	1.2307	8.940	1.8534	13.2755	1.83976
13500	0.8838	2.8467	5.2533	1.2321	8.989	1.8577	13.2732	1.84365
13600	0.9020	2.8692	5.2565	1.2329	9.036	1.8621	13.2712	1.84755
13700	0.9200	2.8913	5.2596	1.2343	9.085	1.8664	13.2690	1.85139
13800	0.9376	2.9131	5.2626	1.2348	9.130	1.8706	13.2664	1.85517
13900	0.9552	2.9348	5.2657	1.2356	9.176	1.8749	13.2641	1.85897
14000	0.9724	2.9561	5.2687	1.2374	9.226	1.8791	13.2611	1.86264
14100	0.9895	2.9772	5.2717	1.2384	9.273	1.8833	13.2582	1.86635
14200	1.0063	2.9981	5.2747	1.2388	9.318	1.8874	13.2552	1.86999
14300	1.0230	3.0187	5.2776	1.2397	9.364	1.8915	13.2518	1.87356
14400	1.0394	3.0390	5.2805	1.2412	9.412	1.8955	13.2482	1.87713
14500	1.0556	3.0592	5.2834	1.2422	9.458	1.8994	13.2444	1.88064
14600	1.0716	3.0791	5.2863	1.2421	9.501	1.9034	13.2405	1.88409
14700	1.0875	3.0989	5.2891	1.2429	9.546	1.9073	13.2371	1.88759
14800	1.1032	3.1184	5.2919	1.2440	9.592	1.9112	13.2330	1.89098
14900	1.1188	3.1377	5.2947	1.2441	9.635	1.9150	13.2294	1.89442
15000	1.1342	3.1570	5.2975	1.2442	9.677	1.9189	13.2258	1.89781

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1700	-6.9631	-5.1689	3.8124	1.3083	2.412	1.0000	3.8191	1.00000
1800	-6.8826	-5.0636	3.8399	1.3073	2.481	1.0000	3.8427	1.00000
1900	-6.8059	-5.9634	3.8659	1.2929	2.535	1.0000	3.8650	1.00000
2000	-6.7270	-5.8624	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.6563	-5.7705	3.9153	1.2988	2.671	1.0000	3.9179	1.00000
2200	-6.5885	-5.6825	3.9378	1.2969	2.731	1.0000	3.9386	1.00000
2300	-6.5232	-5.5979	3.9591	1.2949	2.791	1.0000	3.9573	1.00001
2400	-6.4603	-5.5165	3.9796	1.2920	2.848	1.0000	3.9758	1.00003
2500	-6.3991	-5.4376	3.9995	1.2878	2.902	1.0001	3.9954	1.00006
2600	-6.3393	-5.3607	4.0187	1.2811	2.951	1.0002	4.0153	1.00016
2700	-6.2798	-5.2847	4.0375	1.2704	2.996	1.0004	4.0379	1.00035
2800	-6.2195	-5.2084	4.0564	1.2554	3.033	1.0007	4.0668	1.00069
2900	-6.1567	-5.1301	4.0756	1.2356	3.063	1.0013	4.1039	1.00130
3000	-6.0893	-5.0475	4.0956	1.2121	3.087	1.0023	4.1540	1.00231
3100	-6.0148	-4.9582	4.1170	1.1877	3.109	1.0039	4.2236	1.00389
3200	-5.9309	-4.8595	4.1402	1.1651	3.132	1.0062	4.3161	1.00623
3300	-5.8357	-4.7494	4.1656	1.1459	3.160	1.0095	4.4370	1.00953
3400	-5.7279	-4.6268	4.1931	1.1308	3.193	1.0139	4.5885	1.01390
3500	-5.6079	-4.4919	4.2224	1.1195	3.232	1.0194	4.7681	1.01939
3600	-5.4769	-4.3458	4.2531	1.1113	3.276	1.0260	4.9752	1.02602
3700	-5.3368	-4.1906	4.2845	1.1055	3.325	1.0337	5.2033	1.03368
3800	-5.1897	-4.0283	4.3162	1.1015	3.378	1.0423	5.4499	1.04227
3900	-5.0379	-3.8614	4.3475	1.0990	3.433	1.0517	5.7074	1.05167
4000	-4.8835	-3.6918	4.3782	1.0974	3.491	1.0617	5.9716	1.06173
4100	-4.7279	-3.5212	4.4080	1.0964	3.551	1.0724	6.2401	1.07235
4200	-4.5728	-3.3511	4.4367	1.0961	3.611	1.0834	6.5085	1.08342
4300	-4.4187	-3.1823	4.4644	1.0962	3.674	1.0949	6.7761	1.09486
4400	-4.2671	-3.0161	4.4909	1.0966	3.737	1.1066	7.0380	1.10659
4500	-4.1180	-2.8526	4.5163	1.0972	3.800	1.1186	7.2963	1.11855
4600	-3.9723	-2.6926	4.5405	1.0981	3.865	1.1307	7.5471	1.13066
4700	-3.8301	-2.5364	4.5637	1.0990	3.929	1.1429	7.7908	1.14289
4800	-3.6915	-2.3840	4.5858	1.1001	3.994	1.1552	8.0276	1.15521
4900	-3.5565	-2.2354	4.6070	1.1013	4.059	1.1676	8.2572	1.16759
5000	-3.4255	-2.0911	4.6273	1.1030	4.125	1.1800	8.4781	1.17999

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-3.2984	-1.9507	4.6468	1.1044	4.191	1.1926	8.6935	1.19263
5200	-3.1750	-1.8144	4.6653	1.1054	4.256	1.2050	8.8985	1.20500
5300	-3.0554	-1.6821	4.6831	1.1068	4.321	1.2173	9.0957	1.21732
5400	-2.9394	-1.5536	4.7002	1.1082	4.387	1.2296	9.2855	1.22959
5500	-2.8268	-1.4288	4.7166	1.1097	4.452	1.2418	9.4683	1.24181
5600	-2.7177	-1.3076	4.7324	1.1112	4.517	1.2540	9.6437	1.25395
5700	-2.6118	-1.1899	4.7477	1.1127	4.582	1.2660	9.8128	1.26604
5800	-2.5092	-1.0756	4.7623	1.1142	4.647	1.2780	9.9748	1.27804
5900	-2.4096	-0.9645	4.7765	1.1158	4.712	1.2900	10.1309	1.28997
6000	-2.3130	-0.8567	4.7902	1.1175	4.778	1.3018	10.2805	1.30179
6100	-2.2195	-0.7521	4.8034	1.1191	4.842	1.3135	10.4240	1.31350
6200	-2.1288	-0.6506	4.8161	1.1207	4.907	1.3251	10.5614	1.32508
6300	-2.0408	-0.5518	4.8285	1.1223	4.971	1.3366	10.6936	1.33657
6400	-1.9554	-0.4559	4.8404	1.1239	5.035	1.3480	10.8203	1.34793
6500	-1.8725	-0.3627	4.8520	1.1255	5.099	1.3592	10.9419	1.35917
6600	-1.7919	-0.2719	4.8633	1.1270	5.163	1.3703	11.0588	1.37029
6700	-1.7137	-0.1837	4.8742	1.1286	5.226	1.3813	11.1708	1.38128
6800	-1.6377	-0.0978	4.8848	1.1302	5.290	1.3922	11.2784	1.39214
6900	-1.5638	-0.0143	4.8951	1.1319	5.353	1.4029	11.3816	1.40288
7000	-1.4920	0.0670	4.9051	1.1335	5.416	1.4136	11.4804	1.41350
7100	-1.4222	0.1462	4.9148	1.1352	5.478	1.4241	11.5753	1.42398
7200	-1.3544	0.2232	4.9243	1.1368	5.541	1.4344	11.6660	1.43433
7300	-1.2884	0.2982	4.9335	1.1384	5.603	1.4447	11.7530	1.44456
7400	-1.2242	0.3714	4.9425	1.1400	5.665	1.4548	11.8365	1.45465
7500	-1.1618	0.4426	4.9512	1.1417	5.727	1.4648	11.9162	1.46462
7600	-1.1010	0.5121	4.9597	1.1433	5.788	1.4746	11.9925	1.47444
7700	-1.0418	0.5798	4.9680	1.1449	5.850	1.4843	12.0657	1.48414
7800	-0.9841	0.6459	4.9762	1.1465	5.910	1.4939	12.1357	1.49370
7900	-0.9280	0.7103	4.9841	1.1480	5.971	1.5034	12.2027	1.50312
8000	-0.8732	0.7732	4.9918	1.1495	6.031	1.5127	12.2669	1.51241
8100	-0.8198	0.8347	4.9994	1.1509	6.091	1.5219	12.3285	1.52155
8200	-0.7677	0.8947	5.0068	1.1525	6.151	1.5309	12.3874	1.53057
8300	-0.7169	0.9533	5.0140	1.1540	6.210	1.5398	12.4439	1.53945
8400	-0.6673	1.0105	5.0211	1.1555	6.270	1.5486	12.4979	1.54820
8500	-0.6188	1.0666	5.0281	1.1570	6.329	1.5573	12.5497	1.55682
8600	-0.5716	1.1213	5.0348	1.1585	6.387	1.5659	12.5992	1.56531
8700	-0.5254	1.1748	5.0415	1.1600	6.446	1.5743	12.6467	1.57368
8800	-0.4803	1.2272	5.0480	1.1615	6.504	1.5826	12.6920	1.58193
8900	-0.4363	1.2784	5.0544	1.1631	6.562	1.5908	12.7353	1.59006
9000	-0.3932	1.3284	5.0607	1.1646	6.620	1.5989	12.7766	1.59806
9100	-0.3512	1.3774	5.0668	1.1662	6.678	1.6069	12.8161	1.60594
9200	-0.3101	1.4254	5.0728	1.1678	6.735	1.6147	12.8536	1.61369
9300	-0.2699	1.4724	5.0787	1.1693	6.793	1.6225	12.8894	1.62134
9400	-0.2306	1.5183	5.0845	1.1709	6.850	1.6301	12.9235	1.62887
9500	-0.1922	1.5634	5.0902	1.1727	6.907	1.6377	12.9559	1.63628
9600	-0.1546	1.6075	5.0958	1.1742	6.964	1.6451	12.9869	1.64361
9700	-0.1178	1.6507	5.1013	1.1758	7.020	1.6524	13.0162	1.65082
9800	-0.0819	1.6930	5.1066	1.1774	7.077	1.6597	13.0440	1.65792
9900	-0.0467	1.7345	5.1119	1.1788	7.132	1.6668	13.0704	1.66490
10000	-0.0122	1.7751	5.1171	1.1803	7.188	1.6738	13.0951	1.67175
10100	0.0215	1.8149	5.1222	1.1789	7.234	1.6807	13.1184	1.67846
10200	0.0562	1.8558	5.1275	1.1804	7.290	1.6879	13.1499	1.68552
10300	0.0886	1.8941	5.1324	1.1851	7.355	1.6946	13.1708	1.69206
10400	0.1202	1.9316	5.1373	1.1870	7.411	1.7012	13.1900	1.69845
10500	0.1511	1.9683	5.1420	1.1885	7.465	1.7077	13.2078	1.70472

S/R= 43.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	0.1815	2.0045	5.1467	1.1899	7.519	1.7141	13.2250	1.71093
10700	0.2113	2.0399	5.1513	1.1915	7.574	1.7204	13.2408	1.71701
10800	0.2403	2.0746	5.1558	1.1928	7.627	1.7266	13.2551	1.72297
10900	0.2690	2.1088	5.1603	1.1945	7.681	1.7328	13.2691	1.72888
11000	0.2970	2.1423	5.1646	1.1963	7.735	1.7388	13.2817	1.73467
11100	0.3245	2.1751	5.1690	1.1978	7.789	1.7447	13.2931	1.74034
11200	0.3515	2.2075	5.1732	1.1996	7.843	1.7506	13.3044	1.74598
11300	0.3778	2.2390	5.1774	1.2013	7.896	1.7564	13.3134	1.75141
11400	0.4037	2.2702	5.1815	1.2023	7.947	1.7620	13.3224	1.75682
11500	0.4293	2.3010	5.1856	1.2038	8.000	1.7677	13.3308	1.76219
11600	0.4541	2.3310	5.1895	1.2057	8.053	1.7732	13.3377	1.76738
11700	0.4787	2.3606	5.1935	1.2072	8.105	1.7787	13.3442	1.77252
11800	0.5028	2.3897	5.1974	1.2086	8.157	1.7840	13.3498	1.77758
11900	0.5266	2.4184	5.2012	1.2101	8.209	1.7894	13.3555	1.78260
12000	0.5497	2.4464	5.2050	1.2119	8.261	1.7946	13.3594	1.78746
12100	0.5726	2.4742	5.2087	1.2131	8.311	1.7998	13.3634	1.79229
12200	0.5950	2.5014	5.2124	1.2142	8.362	1.8049	13.3664	1.79703
12300	0.6172	2.5284	5.2160	1.2159	8.413	1.8099	13.3694	1.80175
12400	0.6388	2.5547	5.2196	1.2175	8.465	1.8148	13.3710	1.80631
12500	0.6602	2.5807	5.2231	1.2189	8.515	1.8198	13.3725	1.81085
12600	0.6812	2.6063	5.2266	1.2207	8.567	1.8246	13.3734	1.81531
12700	0.7018	2.6315	5.2301	1.2219	8.616	1.8294	13.3737	1.81968
12800	0.7221	2.6563	5.2335	1.2228	8.664	1.8340	13.3734	1.82397
12900	0.7422	2.6809	5.2368	1.2242	8.714	1.8387	13.3733	1.82825
13000	0.7620	2.7051	5.2402	1.2257	8.764	1.8434	13.3727	1.83248
13100	0.7814	2.7289	5.2435	1.2269	8.813	1.8479	13.3715	1.83663
13200	0.8005	2.7524	5.2467	1.2284	8.863	1.8524	13.3698	1.84069
13300	0.8193	2.7755	5.2499	1.2296	8.911	1.8568	13.3677	1.84469
13400	0.8380	2.7985	5.2531	1.2309	8.960	1.8612	13.3656	1.84870
13500	0.8562	2.8209	5.2562	1.2322	9.008	1.8655	13.3626	1.85256
13600	0.8743	2.8432	5.2593	1.2329	9.054	1.8698	13.3599	1.85644
13700	0.8921	2.8652	5.2624	1.2343	9.103	1.8740	13.3568	1.86026
13800	0.9097	2.8869	5.2655	1.2349	9.149	1.8782	13.3535	1.86402
13900	0.9272	2.9085	5.2685	1.2355	9.194	1.8824	13.3503	1.86780
14000	0.9443	2.9297	5.2715	1.2373	9.244	1.8865	13.3467	1.87144
14100	0.9613	2.9507	5.2745	1.2384	9.291	1.8906	13.3430	1.87513
14200	0.9780	2.9715	5.2774	1.2386	9.335	1.8946	13.3393	1.87876
14300	0.9946	2.9920	5.2803	1.2394	9.381	1.8986	13.3352	1.88235
14400	1.0110	3.0123	5.2832	1.2409	9.429	1.9026	13.3312	1.88588
14500	1.0271	3.0323	5.2861	1.2419	9.475	1.9065	13.3267	1.88937
14600	1.0430	3.0521	5.2889	1.2417	9.516	1.9103	13.3221	1.89281
14700	1.0589	3.0718	5.2918	1.2426	9.562	1.9142	13.3180	1.89628
14800	1.0745	3.0912	5.2945	1.2436	9.608	1.9179	13.3132	1.89967
14900	1.0900	3.1105	5.2973	1.2436	9.650	1.9217	13.3089	1.90308
15000	1.1054	3.1296	5.3001	1.2438	9.692	1.9254	13.3047	1.90646

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1800	-6.9695	-6.1504	3.8399	1.3061	2.479	1.0000	3.8427	1.00000
1900	-6.8928	-6.0503	3.8659	1.2930	2.535	1.0000	3.8650	1.00000
2000	-6.8139	-5.9493	3.8918	1.2894	2.597	1.0000	3.8973	1.00000
2100	-6.7432	-5.8574	3.9153	1.2988	2.671	1.0000	3.9180	1.00000
2200	-6.6753	-5.7693	3.9378	1.2968	2.731	1.0000	3.9386	1.00000
2300	-6.6101	-5.6847	3.9591	1.2948	2.791	1.0000	3.9573	1.00001

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-6.5471	-5.6033	3.9797	1.2917	2.847	1.0000	3.9760	1.00004
2500	-6.4858	-5.5242	3.9995	1.2871	2.901	1.0001	3.9958	1.00009
2600	-6.4258	-5.4472	4.0188	1.2799	2.950	1.0002	4.0161	1.00018
2700	-6.3659	-5.3708	4.0377	1.2685	2.993	1.0004	4.0395	1.00039
2800	-6.3050	-5.2939	4.0567	1.2524	3.029	1.0008	4.0698	1.00077
2900	-6.2412	-5.2145	4.0762	1.2313	3.058	1.0014	4.1092	1.00144
3000	-6.1721	-5.1303	4.0965	1.2071	3.081	1.0025	4.1629	1.00254
3100	-6.0954	-5.0386	4.1185	1.1825	3.103	1.0043	4.2377	1.00427
3200	-6.0084	-4.9367	4.1424	1.1601	3.126	1.0068	4.3372	1.00681
3300	-5.9093	-4.8227	4.1685	1.1414	3.155	1.0104	4.4665	1.01037
3400	-5.7972	-4.6957	4.1968	1.1270	3.189	1.0150	4.6277	1.01504
3500	-5.6727	-4.5560	4.2269	1.1164	3.230	1.0209	4.8175	1.02088
3600	-5.5371	-4.4052	4.2583	1.1088	3.275	1.0279	5.0348	1.02786
3700	-5.3927	-4.2456	4.2902	1.1035	3.326	1.0359	5.2724	1.03587
3800	-5.2415	-4.0791	4.3223	1.0999	3.379	1.0448	5.5279	1.04482
3900	-5.0862	-3.9084	4.3540	1.0976	3.436	1.0545	5.7933	1.05454
4000	-4.9286	-3.7356	4.3848	1.0962	3.494	1.0649	6.0644	1.06491
4100	-4.7702	-3.5621	4.4148	1.0955	3.555	1.0758	6.3390	1.07582
4200	-4.6126	-3.3895	4.4436	1.0953	3.616	1.0872	6.6126	1.08716
4300	-4.4565	-3.2184	4.4714	1.0955	3.679	1.0989	6.8847	1.09888
4400	-4.3030	-3.0503	4.4978	1.0959	3.743	1.1108	7.1506	1.11082
4500	-4.1523	-2.8851	4.5232	1.0966	3.807	1.1230	7.4124	1.12301
4600	-4.0052	-2.7237	4.5473	1.0976	3.872	1.1353	7.6662	1.13533
4700	-3.8617	-2.5662	4.5704	1.0985	3.937	1.1478	7.9123	1.14776
4800	-3.7219	-2.4125	4.5925	1.0997	4.002	1.1603	8.1514	1.16027
4900	-3.5860	-2.2630	4.6136	1.1010	4.068	1.1728	8.3830	1.17284
5000	-3.4542	-2.1178	4.6337	1.1027	4.134	1.1854	8.6055	1.18541
5100	-3.3262	-1.9765	4.6532	1.1040	4.200	1.1982	8.8225	1.19822
5200	-3.2022	-1.8395	4.6716	1.1051	4.265	1.2108	9.0288	1.21075
5300	-3.0820	-1.7066	4.6893	1.1065	4.331	1.2232	9.2269	1.22322
5400	-2.9654	-1.5775	4.7063	1.1080	4.397	1.2356	9.4178	1.23564
5500	-2.8523	-1.4522	4.7227	1.1095	4.463	1.2480	9.6012	1.24799
5600	-2.7428	-1.3305	4.7384	1.1110	4.528	1.2603	9.7775	1.26028
5700	-2.6365	-1.2124	4.7536	1.1126	4.594	1.2725	9.9471	1.27250
5800	-2.5335	-1.0977	4.7682	1.1141	4.659	1.2846	10.1097	1.28463
5900	-2.4336	-0.9863	4.7823	1.1156	4.724	1.2967	10.2661	1.29668
6000	-2.3367	-0.8781	4.7959	1.1173	4.790	1.3086	10.4160	1.30863
6100	-2.2429	-0.7733	4.8090	1.1190	4.855	1.3205	10.5598	1.32045
6200	-2.1520	-0.6715	4.8217	1.1206	4.920	1.3322	10.6975	1.33215
6300	-2.0633	-0.5726	4.8340	1.1222	4.984	1.3438	10.8296	1.34374
6400	-1.9782	-0.4764	4.8459	1.1238	5.049	1.3552	10.9565	1.35521
6500	-1.8952	-0.3830	4.8574	1.1255	5.113	1.3666	11.0781	1.36656
6600	-1.8144	-0.2921	4.8686	1.1269	5.177	1.3778	11.1950	1.37778
6700	-1.7361	-0.2038	4.8794	1.1286	5.241	1.3889	11.3069	1.38887
6800	-1.6600	-0.1178	4.8900	1.1302	5.304	1.3999	11.4143	1.39982
6900	-1.5860	-0.0341	4.9002	1.1318	5.367	1.4107	11.5174	1.41065
7000	-1.5142	0.0472	4.9102	1.1335	5.431	1.4214	11.6160	1.42135
7100	-1.4443	0.1265	4.9198	1.1352	5.494	1.4320	11.7106	1.43192
7200	-1.3764	0.2036	4.9293	1.1368	5.556	1.4424	11.8011	1.44235
7300	-1.3105	0.2787	4.9384	1.1384	5.619	1.4528	11.8878	1.45266
7400	-1.2462	0.3518	4.9474	1.1401	5.681	1.4629	11.9708	1.46283
7500	-1.1837	0.4231	4.9561	1.1418	5.743	1.4730	12.0502	1.47287
7600	-1.1229	0.4926	4.9645	1.1433	5.805	1.4829	12.1261	1.48276
7700	-1.0638	0.5603	4.9728	1.1449	5.866	1.4927	12.1988	1.49252
7800	-1.0061	0.6264	4.9809	1.1465	5.927	1.5023	12.2685	1.50214

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-0.9499	0.6908	4.9888	1.1481	5.988	1.5119	12.3350	1.51163
8000	-0.8952	0.7537	4.9965	1.1496	6.049	1.5212	12.3987	1.52097
8100	-0.8418	0.8151	5.0040	1.1510	6.108	1.5305	12.4598	1.53018
8200	-0.7897	0.8751	5.0114	1.1526	6.168	1.5396	12.5181	1.53924
8300	-0.7390	0.9336	5.0186	1.1541	6.228	1.5486	12.5740	1.54818
8400	-0.6894	0.9909	5.0256	1.1557	6.288	1.5574	12.6275	1.55697
8500	-0.6410	1.0468	5.0325	1.1572	6.347	1.5661	12.6787	1.56564
8600	-0.5938	1.1015	5.0392	1.1587	6.406	1.5747	12.7276	1.57417
8700	-0.5477	1.1549	5.0459	1.1602	6.464	1.5832	12.7744	1.58259
8800	-0.5027	1.2072	5.0523	1.1617	6.523	1.5915	12.8190	1.59087
8900	-0.4587	1.2583	5.0587	1.1633	6.581	1.5998	12.8617	1.59904
9000	-0.4158	1.3083	5.0649	1.1649	6.639	1.6079	12.9024	1.60707
9100	-0.3738	1.3572	5.0710	1.1664	6.697	1.6159	12.9411	1.61498
9200	-0.3328	1.4051	5.0770	1.1680	6.755	1.6238	12.9780	1.62276
9300	-0.2927	1.4520	5.0829	1.1696	6.812	1.6315	13.0129	1.63044
9400	-0.2535	1.4978	5.0886	1.1712	6.870	1.6392	13.0464	1.63799
9500	-0.2152	1.5427	5.0943	1.1729	6.927	1.6467	13.0781	1.64542
9600	-0.1777	1.5867	5.0998	1.1745	6.984	1.6542	13.1081	1.65277
9700	-0.1411	1.6298	5.1053	1.1760	7.040	1.6615	13.1367	1.66000
9800	-0.1052	1.6720	5.1106	1.1777	7.097	1.6688	13.1636	1.66711
9900	-0.0701	1.7134	5.1159	1.1792	7.153	1.6759	13.1892	1.67410
10000	-0.0358	1.7539	5.1210	1.1806	7.208	1.6829	13.2132	1.68096
10100	-0.0022	1.7936	5.1261	1.1793	7.255	1.6898	13.2357	1.68769
10200	0.0324	1.8343	5.1313	1.1807	7.311	1.6970	13.2662	1.69475
10300	0.0647	1.8725	5.1362	1.1854	7.376	1.7037	13.2863	1.70129
10400	0.0962	1.9099	5.1410	1.1874	7.432	1.7103	13.3046	1.70769
10500	0.1269	1.9464	5.1457	1.1889	7.486	1.7168	13.3216	1.71396
10600	0.1572	1.9825	5.1504	1.1903	7.540	1.7232	13.3379	1.72017
10700	0.1868	2.0177	5.1550	1.1919	7.595	1.7295	13.3529	1.72625
10800	0.2158	2.0523	5.1594	1.1932	7.648	1.7356	13.3663	1.73220
10900	0.2443	2.0863	5.1639	1.1949	7.702	1.7418	13.3793	1.73810
11000	0.2722	2.1197	5.1682	1.1967	7.757	1.7478	13.3911	1.74389
11100	0.2995	2.1524	5.1725	1.1982	7.810	1.7537	13.4016	1.74956
11200	0.3264	2.1846	5.1767	1.2000	7.864	1.7596	13.4120	1.75518
11300	0.3526	2.2160	5.1808	1.2017	7.917	1.7652	13.4201	1.76060
11400	0.3783	2.2470	5.1849	1.2027	7.968	1.7709	13.4282	1.76600
11500	0.4038	2.2777	5.1890	1.2043	8.021	1.7765	13.4359	1.77135
11600	0.4286	2.3075	5.1929	1.2061	8.074	1.7820	13.4417	1.77653
11700	0.4530	2.3370	5.1968	1.2076	8.126	1.7874	13.4475	1.78166
11800	0.4769	2.3659	5.2007	1.2089	8.178	1.7927	13.4522	1.78669
11900	0.5006	2.3945	5.2045	1.2105	8.230	1.7980	13.4568	1.79170
12000	0.5236	2.4224	5.2082	1.2123	8.282	1.8032	13.4599	1.79654
12100	0.5463	2.4500	5.2119	1.2134	8.332	1.8083	13.4629	1.80135
12200	0.5687	2.4771	5.2156	1.2147	8.383	1.8133	13.4651	1.80607
12300	0.5907	2.5039	5.2192	1.2163	8.434	1.8184	13.4674	1.81077
12400	0.6122	2.5301	5.2227	1.2178	8.485	1.8232	13.4680	1.81531
12500	0.6335	2.5560	5.2262	1.2193	8.536	1.8281	13.4686	1.81983
12600	0.6544	2.5815	5.2297	1.2210	8.587	1.8329	13.4688	1.82426
12700	0.6749	2.6065	5.2331	1.2223	8.637	1.8376	13.4682	1.82861
12800	0.6950	2.6312	5.2365	1.2231	8.684	1.8422	13.4670	1.83288
12900	0.7150	2.6556	5.2398	1.2244	8.734	1.8468	13.4660	1.83714
13000	0.7347	2.6797	5.2431	1.2261	8.784	1.8514	13.4646	1.84134
13100	0.7540	2.7034	5.2464	1.2272	8.833	1.8559	13.4626	1.84546
13200	0.7730	2.7268	5.2496	1.2287	8.882	1.8603	13.4600	1.84950
13300	0.7917	2.7498	5.2528	1.2297	8.930	1.8646	13.4571	1.85349

S/R= 44.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	0.8103	2.7726	5.2560	1.2309	8.978	1.8690	13.4544	1.85748
13500	0.8284	2.7949	5.2591	1.2323	9.027	1.8732	13.4507	1.86132
13600	0.8464	2.8171	5.2622	1.2330	9.073	1.8774	13.4471	1.86517
13700	0.8641	2.8390	5.2652	1.2344	9.122	1.8816	13.4432	1.86897
13800	0.8816	2.8606	5.2683	1.2350	9.167	1.8857	13.4392	1.87271
13900	0.8990	2.8820	5.2713	1.2354	9.212	1.8898	13.4353	1.87646
14000	0.9160	2.9031	5.2742	1.2373	9.262	1.8938	13.4309	1.88008
14100	0.9329	2.9240	5.2772	1.2384	9.309	1.8978	13.4265	1.88375
14200	0.9496	2.9446	5.2801	1.2386	9.352	1.9018	13.4221	1.88736
14300	0.9661	2.9651	5.2830	1.2392	9.397	1.9057	13.4173	1.89092
14400	0.9824	2.9853	5.2859	1.2406	9.445	1.9096	13.4126	1.89444
14500	0.9984	3.0052	5.2887	1.2415	9.491	1.9134	13.4075	1.89793
14600	1.0143	3.0249	5.2915	1.2415	9.533	1.9171	13.4024	1.90135
14700	1.0301	3.0445	5.2943	1.2423	9.578	1.9209	13.3976	1.90481
14800	1.0456	3.0638	5.2971	1.2433	9.623	1.9246	13.3922	1.90817
14900	1.0611	3.0830	5.2999	1.2432	9.665	1.9283	13.3873	1.91157
15000	1.0764	3.1021	5.3026	1.2432	9.706	1.9320	13.3825	1.91493

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
1900	-6.9796	-6.1371	3.8659	1.2801	2.522	1.0000	3.8650	1.00000
2000	-6.9008	-6.0361	3.8918	1.2893	2.597	1.0000	3.8973	1.00000
2100	-6.8300	-5.9442	3.9153	1.2988	2.671	1.0000	3.9180	1.00000
2200	-6.7622	-5.8562	3.9378	1.2968	2.731	1.0000	3.9387	1.00001
2300	-6.6969	-5.7716	3.9591	1.2946	2.790	1.0000	3.9574	1.00001
2400	-6.6339	-5.6901	3.9797	1.2913	2.847	1.0000	3.9762	1.00004
2500	-6.5725	-5.6109	3.9996	1.2864	2.900	1.0001	3.9962	1.00010
2600	-6.5123	-5.5336	4.0189	1.2787	2.949	1.0002	4.0170	1.00021
2700	-6.4520	-5.4569	4.0379	1.2664	2.991	1.0004	4.0412	1.00043
2800	-6.3904	-5.3793	4.0571	1.2491	3.025	1.0008	4.0731	1.00085
2900	-6.3254	-5.2987	4.0768	1.2270	3.053	1.0016	4.1150	1.00159
3000	-6.2547	-5.2127	4.0975	1.2020	3.075	1.0028	4.1727	1.00279
3100	-6.1754	-5.1184	4.1201	1.1772	3.096	1.0047	4.2531	1.00467
3200	-6.0851	-5.0131	4.1446	1.1551	3.120	1.0074	4.3599	1.00744
3300	-5.9820	-4.8950	4.1716	1.1371	3.150	1.0113	4.4982	1.01126
3400	-5.8654	-4.7634	4.2007	1.1234	3.186	1.0163	4.6694	1.01626
3500	-5.7362	-4.6189	4.2316	1.1135	3.228	1.0224	4.8696	1.02245
3600	-5.5960	-4.4634	4.2636	1.1064	3.275	1.0298	5.0971	1.02978
3700	-5.4473	-4.2992	4.2961	1.1016	3.326	1.0382	5.3443	1.03815
3800	-5.2922	-4.1287	4.3286	1.0983	3.381	1.0474	5.6084	1.04745
3900	-5.1333	-3.9544	4.3606	1.0963	3.439	1.0575	5.8816	1.05749
4000	-4.9726	-3.7783	4.3916	1.0952	3.498	1.0682	6.1595	1.06817
4100	-4.8116	-3.6020	4.4217	1.0946	3.559	1.0794	6.4400	1.07937
4200	-4.6516	-3.4270	4.4505	1.0945	3.621	1.0910	6.7186	1.09097
4300	-4.4934	-3.2538	4.4783	1.0948	3.685	1.1029	6.9952	1.10294
4400	-4.3382	-3.0838	4.5047	1.0953	3.749	1.1151	7.2649	1.11512
4500	-4.1858	-2.9169	4.5300	1.0961	3.814	1.1275	7.5300	1.12753
4600	-4.0374	-2.7541	4.5541	1.0971	3.879	1.1401	7.7865	1.14006
4700	-3.8927	-2.5953	4.5771	1.0981	3.944	1.1527	8.0352	1.15268
4800	-3.7518	-2.4405	4.5991	1.0993	4.010	1.1654	8.2764	1.16538
4900	-3.6150	-2.2900	4.6201	1.1006	4.076	1.1781	8.5100	1.17813
5000	-3.4823	-2.1439	4.6402	1.1024	4.143	1.1909	8.7339	1.19087
5100	-3.3536	-2.0018	4.6595	1.1037	4.210	1.2038	8.9525	1.20385
5200	-3.2289	-1.8642	4.6779	1.1048	4.275	1.2165	9.1599	1.21654

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-3.1081	-1.7306	4.6955	1.1063	4.341	1.2292	9.3590	1.22916
5400	-2.9909	-1.6009	4.7124	1.1078	4.407	1.2417	9.5510	1.24172
5500	-2.8775	-1.4752	4.7287	1.1093	4.473	1.2542	9.7351	1.25422
5600	-2.7675	-1.3530	4.7444	1.1108	4.539	1.2666	9.9120	1.26664
5700	-2.6609	-1.2345	4.7594	1.1124	4.605	1.2790	10.0820	1.27899
5800	-2.5575	-1.1194	4.7740	1.1139	4.671	1.2913	10.2452	1.29125
5900	-2.4573	-1.0077	4.7880	1.1155	4.736	1.3034	10.4019	1.30342
6000	-2.3601	-0.8993	4.8015	1.1172	4.802	1.3155	10.5523	1.31549
6100	-2.2661	-0.7942	4.8146	1.1189	4.867	1.3274	10.6960	1.32743
6200	-2.1750	-0.6921	4.8272	1.1205	4.933	1.3393	10.8340	1.33924
6300	-2.0866	-0.5930	4.8394	1.1221	4.997	1.3510	10.9661	1.35094
6400	-2.0008	-0.4967	4.8512	1.1238	5.062	1.3625	11.0931	1.36252
6500	-1.9176	-0.4031	4.8627	1.1254	5.127	1.3740	11.2146	1.37396
6600	-1.8368	-0.3121	4.8738	1.1269	5.191	1.3853	11.3314	1.38528
6700	-1.7583	-0.2236	4.8846	1.1285	5.255	1.3965	11.4433	1.39647
6800	-1.6821	-0.1375	4.8951	1.1302	5.319	1.4076	11.5505	1.40751
6900	-1.6081	-0.0538	4.9053	1.1318	5.382	1.4185	11.6534	1.41843
7000	-1.5362	0.0277	4.9152	1.1335	5.446	1.4293	11.7517	1.42922
7100	-1.4663	0.1069	4.9248	1.1352	5.509	1.4399	11.8460	1.43987
7200	-1.3983	0.1841	4.9342	1.1368	5.572	1.4505	11.9363	1.45038
7300	-1.3323	0.2592	4.9433	1.1384	5.634	1.4609	12.0226	1.46076
7400	-1.2680	0.3324	4.9522	1.1401	5.697	1.4711	12.1052	1.47100
7500	-1.2055	0.4037	4.9609	1.1418	5.759	1.4812	12.1843	1.48112
7600	-1.1447	0.4732	4.9693	1.1434	5.821	1.4912	12.2598	1.49107
7700	-1.0856	0.5409	4.9775	1.1450	5.883	1.5011	12.3321	1.50090
7800	-1.0279	0.6070	4.9856	1.1466	5.944	1.5108	12.4012	1.51059
7900	-0.9718	0.6714	4.9934	1.1482	6.005	1.5203	12.4673	1.52014
8000	-0.9171	0.7343	5.0011	1.1497	6.066	1.5298	12.5304	1.52953
8100	-0.8637	0.7956	5.0085	1.1511	6.126	1.5391	12.5909	1.53879
8200	-0.8117	0.8555	5.0159	1.1527	6.186	1.5482	12.6488	1.54791
8300	-0.7610	0.9141	5.0230	1.1543	6.246	1.5573	12.7041	1.55689
8400	-0.7115	0.9712	5.0300	1.1558	6.306	1.5661	12.7569	1.56573
8500	-0.6632	1.0271	5.0369	1.1574	6.365	1.5749	12.8074	1.57444
8600	-0.6160	1.0817	5.0436	1.1589	6.424	1.5835	12.8558	1.58302
8700	-0.5700	1.1351	5.0502	1.1604	6.483	1.5920	12.9019	1.59147
8800	-0.5251	1.1873	5.0566	1.1619	6.542	1.6004	12.9458	1.59979
8900	-0.4812	1.2383	5.0629	1.1635	6.600	1.6087	12.9878	1.60799
9000	-0.4383	1.2882	5.0691	1.1651	6.658	1.6168	13.0277	1.61606
9100	-0.3964	1.3370	5.0752	1.1667	6.716	1.6248	13.0657	1.62399
9200	-0.3555	1.3848	5.0811	1.1682	6.774	1.6327	13.1018	1.63180
9300	-0.3155	1.4316	5.0869	1.1698	6.832	1.6405	13.1361	1.63950
9400	-0.2764	1.4773	5.0927	1.1715	6.889	1.6482	13.1686	1.64708
9500	-0.2382	1.5221	5.0983	1.1732	6.947	1.6558	13.1996	1.65453
9600	-0.2008	1.5660	5.1038	1.1748	7.004	1.6632	13.2290	1.66189
9700	-0.1643	1.6089	5.1092	1.1763	7.060	1.6706	13.2567	1.66913
9800	-0.1285	1.6510	5.1145	1.1780	7.117	1.6778	13.2827	1.67626
9900	-0.0936	1.6923	5.1197	1.1795	7.173	1.6850	13.3076	1.68326
10000	-0.0594	1.7326	5.1249	1.1810	7.229	1.6920	13.3307	1.69013
10100	-0.0259	1.7722	5.1299	1.1797	7.275	1.6988	13.3523	1.69686
10200	0.0086	1.8128	5.1351	1.1811	7.331	1.7061	13.3819	1.70392
10300	0.0407	1.8508	5.1400	1.1858	7.396	1.7128	13.4010	1.71047
10400	0.0721	1.8881	5.1447	1.1878	7.452	1.7193	13.4185	1.71686
10500	0.1027	1.9245	5.1494	1.1892	7.507	1.7258	13.4345	1.72314
10600	0.1329	1.9604	5.1540	1.1906	7.561	1.7322	13.4500	1.72934
10700	0.1623	1.9955	5.1586	1.1923	7.616	1.7384	13.4640	1.73541

S/R= 44.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	0.1912	2.0299	5.1630	1.1937	7.669	1.7446	13.4766	1.74136
10900	0.2196	2.0638	5.1674	1.1954	7.723	1.7507	13.4887	1.74725
11000	0.2473	2.0970	5.1717	1.1972	7.778	1.7567	13.4996	1.75303
11100	0.2745	2.1296	5.1760	1.1986	7.831	1.7625	13.5092	1.75868
11200	0.3012	2.1616	5.1802	1.2004	7.885	1.7684	13.5186	1.76429
11300	0.3273	2.1929	5.1842	1.2022	7.939	1.7740	13.5258	1.76970
11400	0.3529	2.2237	5.1883	1.2031	7.989	1.7797	13.5330	1.77508
11500	0.3783	2.2542	5.1923	1.2047	8.042	1.7852	13.5398	1.78041
11600	0.4029	2.2839	5.1962	1.2065	8.095	1.7906	13.5447	1.78557
11700	0.4272	2.3133	5.2001	1.2080	8.147	1.7960	13.5495	1.79068
11800	0.4510	2.3420	5.2039	1.2094	8.199	1.8013	13.5534	1.79570
11900	0.4745	2.3705	5.2077	1.2110	8.251	1.8066	13.5572	1.80068
12000	0.4974	2.3982	5.2114	1.2128	8.303	1.8117	13.5592	1.80550
12100	0.5200	2.4256	5.2151	1.2138	8.353	1.8167	13.5613	1.81029
12200	0.5422	2.4526	5.2187	1.2152	8.404	1.8217	13.5626	1.81498
12300	0.5641	2.4793	5.2223	1.2168	8.455	1.8267	13.5639	1.81966
12400	0.5855	2.5053	5.2258	1.2182	8.506	1.8315	13.5637	1.82417
12500	0.6066	2.5311	5.2293	1.2196	8.556	1.8363	13.5636	1.82867
12600	0.6274	2.5564	5.2327	1.2214	8.608	1.8410	13.5628	1.83308
12700	0.6478	2.5813	5.2361	1.2227	8.657	1.8457	13.5615	1.83741
12800	0.6678	2.6059	5.2395	1.2234	8.704	1.8502	13.5594	1.84165
12900	0.6877	2.6302	5.2428	1.2247	8.754	1.8548	13.5574	1.84588
13000	0.7072	2.6541	5.2460	1.2263	8.804	1.8593	13.5552	1.85006
13100	0.7264	2.6777	5.2493	1.2275	8.852	1.8637	13.5522	1.85415
13200	0.7453	2.7009	5.2525	1.2290	8.902	1.8680	13.5489	1.85816
13300	0.7639	2.7237	5.2556	1.2299	8.949	1.8723	13.5453	1.86212
13400	0.7824	2.7465	5.2588	1.2310	8.997	1.8766	13.5419	1.86609
13500	0.8004	2.7687	5.2619	1.2324	9.046	1.8808	13.5374	1.86992
13600	0.8183	2.7908	5.2649	1.2331	9.092	1.8849	13.5330	1.87375
13700	0.8360	2.8125	5.2680	1.2344	9.140	1.8890	13.5284	1.87751
13800	0.8533	2.8340	5.2710	1.2351	9.186	1.8930	13.5236	1.88123
13900	0.8706	2.8553	5.2740	1.2355	9.230	1.8971	13.5190	1.88496
14000	0.8876	2.8763	5.2769	1.2372	9.279	1.9010	13.5138	1.88855
14100	0.9043	2.8970	5.2798	1.2384	9.327	1.9049	13.5086	1.89219
14200	0.9209	2.9176	5.2827	1.2385	9.369	1.9088	13.5034	1.89578
14300	0.9374	2.9379	5.2856	1.2391	9.414	1.9126	13.4980	1.89932
14400	0.9536	2.9580	5.2885	1.2405	9.462	1.9164	13.4926	1.90282
14500	0.9696	2.9779	5.2913	1.2413	9.507	1.9202	13.4870	1.90628
14600	0.9854	2.9975	5.2941	1.2411	9.548	1.9239	13.4812	1.90970
14700	1.0011	3.0171	5.2969	1.2420	9.593	1.9276	13.4759	1.91315
14800	1.0166	3.0363	5.2996	1.2430	9.639	1.9312	13.4699	1.91650
14900	1.0320	3.0554	5.3024	1.2428	9.680	1.9348	13.4644	1.91988
15000	1.0472	3.0744	5.3051	1.2429	9.721	1.9384	13.4589	1.92322

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2000	-6.9876	-6.1230	3.8918	1.2996	2.607	1.0000	3.8973	1.00000
2100	-6.9169	-6.0311	3.9153	1.2988	2.671	1.0000	3.9180	1.00000
2200	-6.8491	-5.9430	3.9378	1.2968	2.731	1.0000	3.9387	1.00001
2300	-6.7837	-5.8584	3.9591	1.2944	2.790	1.0000	3.9575	1.00002
2400	-6.7206	-5.7768	3.9797	1.2909	2.846	1.0000	3.9763	1.00004
2500	-6.6592	-5.6976	3.9996	1.2857	2.899	1.0001	3.9966	1.00010
2600	-6.5987	-5.6200	4.0190	1.2774	2.947	1.0002	4.0180	1.00023
2700	-6.5380	-5.5429	4.0381	1.2641	2.988	1.0005	4.0432	1.00047

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	-6.4756	-5.4645	4.0575	1.2456	3.021	1.0009	4.0767	1.00094
2900	-6.4094	-5.3827	4.0775	1.2224	3.047	1.0017	4.1215	1.00175
3000	-6.3367	-5.2947	4.0986	1.1967	3.069	1.0031	4.1834	1.00307
3100	-6.2548	-5.1976	4.1218	1.1719	3.090	1.0051	4.2699	1.00512
3200	-6.1610	-5.0887	4.1471	1.1503	3.115	1.0081	4.3845	1.00812
3300	-6.0537	-4.9663	4.1748	1.1329	3.146	1.0122	4.5322	1.01223
3400	-5.9325	-4.8299	4.2048	1.1200	3.183	1.0176	4.7137	1.01755
3500	-5.7985	-4.6805	4.2364	1.1107	3.227	1.0241	4.9245	1.02410
3600	-5.6537	-4.5202	4.2691	1.1042	3.275	1.0318	5.1622	1.03180
3700	-5.5007	-4.3516	4.3021	1.0998	3.327	1.0405	5.4189	1.04052
3800	-5.3417	-4.1771	4.3350	1.0969	3.383	1.0502	5.6916	1.05016
3900	-5.1794	-3.9992	4.3672	1.0951	3.442	1.0605	5.9723	1.06052
4000	-5.0157	-3.8200	4.3984	1.0941	3.502	1.0715	6.2568	1.07150
4100	-4.8520	-3.6410	4.4286	1.0937	3.564	1.0830	6.5429	1.08298
4200	-4.6897	-3.4635	4.4574	1.0937	3.627	1.0948	6.8265	1.09485
4300	-4.5295	-3.2883	4.4852	1.0942	3.691	1.1071	7.1074	1.10706
4400	-4.3726	-3.1165	4.5116	1.0948	3.755	1.1195	7.3808	1.11947
4500	-4.2187	-2.9480	4.5368	1.0956	3.820	1.1321	7.6490	1.13210
4600	-4.0689	-2.7838	4.5608	1.0967	3.886	1.1448	7.9082	1.14484
4700	-3.9231	-2.6238	4.5838	1.0977	3.952	1.1577	8.1593	1.15765
4800	-3.7812	-2.4680	4.6057	1.0989	4.018	1.1705	8.4027	1.17054
4900	-3.6434	-2.3165	4.6266	1.1003	4.085	1.1835	8.6378	1.18346
5000	-3.5100	-2.1696	4.6466	1.1021	4.152	1.1964	8.8634	1.19637
5100	-3.3805	-2.0267	4.6658	1.1035	4.219	1.2095	9.0834	1.20952
5200	-3.2552	-1.8884	4.6841	1.1046	4.285	1.2224	9.2918	1.22236
5300	-3.1338	-1.7542	4.7016	1.1061	4.351	1.2351	9.4921	1.23513
5400	-3.0162	-1.6240	4.7185	1.1076	4.418	1.2478	9.6848	1.24784
5500	-2.9023	-1.4978	4.7347	1.1091	4.484	1.2605	9.8696	1.26048
5600	-2.7918	-1.3752	4.7502	1.1106	4.550	1.2730	10.0473	1.27303
5700	-2.6849	-1.2563	4.7652	1.1123	4.617	1.2855	10.2176	1.28551
5800	-2.5812	-1.1409	4.7797	1.1138	4.682	1.2979	10.3813	1.29790
5900	-2.4807	-1.0289	4.7936	1.1154	4.748	1.3102	10.5381	1.31019
6000	-2.3832	-0.9201	4.8071	1.1171	4.814	1.3224	10.6889	1.32238
6100	-2.2891	-0.8148	4.8201	1.1188	4.880	1.3344	10.8328	1.33443
6200	-2.1977	-0.7125	4.8326	1.1204	4.945	1.3464	10.9709	1.34635
6300	-2.1091	-0.6132	4.8448	1.1221	5.011	1.3582	11.1030	1.35816
6400	-2.0232	-0.5167	4.8566	1.1237	5.076	1.3699	11.2300	1.36984
6500	-1.9398	-0.4230	4.8680	1.1253	5.140	1.3814	11.3515	1.38139
6600	-1.8589	-0.3319	4.8790	1.1269	5.205	1.3928	11.4682	1.39280
6700	-1.7803	-0.2432	4.8898	1.1285	5.269	1.4041	11.5800	1.40408
6800	-1.7040	-0.1571	4.9002	1.1302	5.333	1.4153	11.6869	1.41522
6900	-1.6299	-0.0733	4.9103	1.1318	5.397	1.4263	11.7896	1.42622
7000	-1.5579	0.0083	4.9202	1.1335	5.461	1.4371	11.8877	1.43709
7100	-1.4880	0.0876	4.9298	1.1352	5.524	1.4479	11.9816	1.44783
7200	-1.4200	0.1648	4.9391	1.1368	5.587	1.4585	12.0716	1.45842
7300	-1.3540	0.2400	4.9482	1.1385	5.650	1.4690	12.1576	1.46887
7400	-1.2897	0.3132	4.9570	1.1402	5.713	1.4793	12.2398	1.47919
7500	-1.2272	0.3845	4.9656	1.1419	5.776	1.4895	12.3184	1.48937
7600	-1.1664	0.4540	4.9740	1.1434	5.838	1.4995	12.3935	1.49939
7700	-1.1073	0.5217	4.9822	1.1451	5.899	1.5094	12.4653	1.50929
7800	-1.0496	0.5877	4.9902	1.1467	5.961	1.5192	12.5338	1.51903
7900	-0.9935	0.6521	4.9980	1.1483	6.022	1.5288	12.5995	1.52864
8000	-0.9388	0.7149	5.0056	1.1498	6.083	1.5383	12.6621	1.53809
8100	-0.8855	0.7762	5.0130	1.1512	6.143	1.5477	12.7220	1.54740
8200	-0.8336	0.8361	5.0203	1.1528	6.204	1.5569	12.7792	1.55657

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-0.7829	0.8946	5.0274	1.1544	6.264	1.5659	12.8339	1.56559
8400	-0.7335	0.9517	5.0344	1.1560	6.324	1.5749	12.8861	1.57448
8500	-0.6852	1.0075	5.0412	1.1575	6.383	1.5837	12.9360	1.58324
8600	-0.6382	1.0620	5.0479	1.1590	6.442	1.5923	12.9836	1.59185
8700	-0.5922	1.1153	5.0544	1.1606	6.501	1.6009	13.0290	1.60033
8800	-0.5473	1.1674	5.0608	1.1622	6.560	1.6093	13.0722	1.60869
8900	-0.5036	1.2183	5.0671	1.1637	6.619	1.6176	13.1135	1.61692
9000	-0.4608	1.2681	5.0733	1.1653	6.677	1.6257	13.1527	1.62501
9100	-0.4190	1.3168	5.0793	1.1670	6.736	1.6338	13.1899	1.63297
9200	-0.3782	1.3645	5.0852	1.1685	6.793	1.6417	13.2253	1.64081
9300	-0.3383	1.4111	5.0910	1.1701	6.851	1.6495	13.2587	1.64852
9400	-0.2993	1.4568	5.0967	1.1718	6.909	1.6572	13.2905	1.65612
9500	-0.2612	1.5015	5.1022	1.1735	6.967	1.6648	13.3206	1.66360
9600	-0.2240	1.5452	5.1077	1.1752	7.024	1.6722	13.3491	1.67097
9700	-0.1875	1.5880	5.1131	1.1766	7.080	1.6796	13.3760	1.67821
9800	-0.1519	1.6300	5.1184	1.1783	7.137	1.6868	13.4013	1.68535
9900	-0.1171	1.6711	5.1236	1.1799	7.193	1.6940	13.4251	1.69236
10000	-0.0830	1.7113	5.1286	1.1813	7.249	1.7010	13.4474	1.69923
10100	-0.0496	1.7507	5.1336	1.1801	7.296	1.7078	13.4681	1.70597
10200	-0.0153	1.7912	5.1388	1.1815	7.352	1.7151	13.4967	1.71303
10300	0.0167	1.8291	5.1437	1.1862	7.417	1.7217	13.5149	1.71957
10400	0.0479	1.8662	5.1484	1.1882	7.473	1.7283	13.5316	1.72596
10500	0.0784	1.9024	5.1530	1.1896	7.528	1.7347	13.5467	1.73223
10600	0.1084	1.9382	5.1576	1.1911	7.582	1.7411	13.5611	1.73843
10700	0.1378	1.9731	5.1621	1.1928	7.637	1.7473	13.5743	1.74449
10800	0.1665	2.0074	5.1665	1.1942	7.690	1.7535	13.5859	1.75043
10900	0.1947	2.0411	5.1709	1.1958	7.744	1.7595	13.5971	1.75630
11000	0.2223	2.0742	5.1752	1.1976	7.799	1.7655	13.6070	1.76207
11100	0.2494	2.1066	5.1794	1.1991	7.852	1.7713	13.6158	1.76770
11200	0.2760	2.1385	5.1835	1.2009	7.906	1.7771	13.6242	1.77330
11300	0.3019	2.1696	5.1876	1.2026	7.960	1.7827	13.6305	1.77869
11400	0.3274	2.2003	5.1916	1.2036	8.010	1.7883	13.6367	1.78405
11500	0.3526	2.2306	5.1956	1.2052	8.063	1.7939	13.6424	1.78936
11600	0.3770	2.2602	5.1995	1.2069	8.116	1.7992	13.6466	1.79450
11700	0.4012	2.2894	5.2033	1.2085	8.168	1.8046	13.6504	1.79959
11800	0.4249	2.3180	5.2071	1.2099	8.220	1.8098	13.6533	1.80458
11900	0.4482	2.3463	5.2109	1.2115	8.272	1.8150	13.6562	1.80954
12000	0.4710	2.3738	5.2145	1.2132	8.324	1.8201	13.6573	1.81434
12100	0.4934	2.4011	5.2182	1.2142	8.374	1.8251	13.6584	1.81910
12200	0.5155	2.4279	5.2218	1.2156	8.425	1.8300	13.6588	1.82376
12300	0.5373	2.4544	5.2253	1.2172	8.476	1.8349	13.6592	1.82841
12400	0.5586	2.4803	5.2288	1.2187	8.526	1.8397	13.6581	1.83290
12500	0.5796	2.5060	5.2323	1.2199	8.576	1.8444	13.6571	1.83737
12600	0.6002	2.5312	5.2357	1.2217	8.628	1.8491	13.6555	1.84176
12700	0.6205	2.5559	5.2390	1.2231	8.677	1.8537	13.6532	1.84606
12800	0.6404	2.5803	5.2424	1.2237	8.724	1.8582	13.6503	1.85027
12900	0.6602	2.6045	5.2456	1.2250	8.773	1.8627	13.6476	1.85448
13000	0.6796	2.6283	5.2489	1.2267	8.824	1.8671	13.6444	1.85862
13100	0.6987	2.6517	5.2521	1.2278	8.872	1.8714	13.6407	1.86268
13200	0.7175	2.6748	5.2553	1.2292	8.921	1.8757	13.6364	1.86667
13300	0.7359	2.6975	5.2584	1.2302	8.968	1.8799	13.6319	1.87060
13400	0.7543	2.7201	5.2615	1.2313	9.016	1.8841	13.6277	1.87453
13500	0.7722	2.7422	5.2646	1.2325	9.064	1.8882	13.6224	1.87833
13600	0.7901	2.7642	5.2676	1.2331	9.109	1.8923	13.6175	1.88215
13700	0.8076	2.7858	5.2707	1.2345	9.158	1.8963	13.6122	1.88589

S/R= 44.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	0.8249	2.8072	5.2736	1.2353	9.204	1.9003	13.6066	1.88959
13900	0.8421	2.8284	5.2766	1.2355	9.247	1.9042	13.6012	1.89329
14000	0.8589	2.8493	5.2795	1.2372	9.296	1.9081	13.5953	1.89685
14100	0.8756	2.8699	5.2824	1.2384	9.344	1.9119	13.5894	1.90047
14200	0.8921	2.8904	5.2853	1.2384	9.386	1.9157	13.5836	1.90403
14300	0.9085	2.9106	5.2882	1.2391	9.431	1.9195	13.5774	1.90754
14400	0.9246	2.9306	5.2910	1.2404	9.478	1.9232	13.5712	1.91102
14500	0.9405	2.9503	5.2938	1.2411	9.522	1.9269	13.5649	1.91446
14600	0.9563	2.9699	5.2966	1.2410	9.564	1.9305	13.5585	1.91786
14700	0.9720	2.9894	5.2993	1.2417	9.608	1.9341	13.5528	1.92129
14800	0.9874	3.0085	5.3021	1.2424	9.653	1.9377	13.5462	1.92463
14900	1.0027	3.0276	5.3048	1.2424	9.694	1.9412	13.5402	1.92800
15000	1.0179	3.0464	5.3075	1.2424	9.735	1.9447	13.5340	1.93133

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2200	-6.9359	-6.0299	3.9378	1.2955	2.730	1.0000	3.9387	1.00001
2300	-6.8706	-5.9452	3.9592	1.2941	2.790	1.0000	3.9576	1.00002
2400	-6.8074	-5.8636	3.9797	1.2905	2.846	1.0000	3.9766	1.00005
2500	-6.7458	-5.7842	3.9997	1.2849	2.898	1.0001	3.9971	1.00011
2600	-6.6851	-5.7064	4.0191	1.2758	2.946	1.0003	4.0190	1.00025
2700	-6.6239	-5.6288	4.0383	1.2615	2.985	1.0005	4.0453	1.00052
2800	-6.5607	-5.5495	4.0579	1.2419	3.017	1.0010	4.0807	1.00103
2900	-6.4932	-5.4663	4.0782	1.2176	3.042	1.0019	4.1285	1.00192
3000	-6.4184	-5.3762	4.0999	1.1914	3.062	1.0034	4.1951	1.00337
3100	-6.3335	-5.2761	4.1236	1.1667	3.084	1.0056	4.2880	1.00561
3200	-6.2360	-5.1635	4.1497	1.1455	3.110	1.0088	4.4110	1.00885
3300	-6.1243	-5.0365	4.1783	1.1290	3.142	1.0133	4.5684	1.01326
3400	-5.9984	-4.8952	4.2091	1.1168	3.181	1.0189	4.7605	1.01892
3500	-5.8596	-4.7409	4.2415	1.1081	3.225	1.0258	4.9821	1.02583
3600	-5.7101	-4.5758	4.2748	1.1021	3.275	1.0339	5.2301	1.03390
3700	-5.5529	-4.4028	4.3083	1.0981	3.329	1.0430	5.4962	1.04298
3800	-5.3901	-4.2243	4.3415	1.0955	3.386	1.0529	5.7773	1.05295
3900	-5.2244	-4.0429	4.3739	1.0940	3.445	1.0636	6.0653	1.06363
4000	-5.0577	-3.8607	4.4053	1.0932	3.506	1.0749	6.3562	1.07491
4100	-4.8915	-3.6790	4.4355	1.0929	3.568	1.0867	6.6479	1.08667
4200	-4.7270	-3.4993	4.4644	1.0931	3.632	1.0988	6.9363	1.09880
4300	-4.5649	-3.3220	4.4921	1.0935	3.697	1.1112	7.2213	1.11125
4400	-4.4062	-3.1485	4.5184	1.0942	3.762	1.1239	7.4982	1.12389
4500	-4.2510	-2.9785	4.5436	1.0952	3.827	1.1367	7.7694	1.13673
4600	-4.0999	-2.8130	4.5675	1.0963	3.894	1.1497	8.0312	1.14967
4700	-3.9529	-2.6517	4.5904	1.0974	3.960	1.1627	8.2847	1.16267
4800	-3.8100	-2.4949	4.6122	1.0986	4.027	1.1757	8.5301	1.17574
4900	-3.6714	-2.3425	4.6330	1.1000	4.094	1.1888	8.7667	1.18884
5000	-3.5372	-2.1947	4.6529	1.1018	4.161	1.2019	8.9939	1.20191
5100	-3.4069	-2.0511	4.6721	1.1032	4.228	1.2152	9.2152	1.21522
5200	-3.2811	-1.9122	4.6903	1.1044	4.295	1.2282	9.4246	1.22822
5300	-3.1591	-1.7774	4.7077	1.1059	4.361	1.2411	9.6259	1.24114
5400	-3.0410	-1.6468	4.7245	1.1074	4.428	1.2540	9.8193	1.25399
5500	-2.9267	-1.5200	4.7406	1.1089	4.495	1.2668	10.0048	1.26677
5600	-2.8159	-1.3970	4.7561	1.1105	4.561	1.2795	10.1831	1.27946
5700	-2.7086	-1.2778	4.7710	1.1121	4.628	1.2921	10.3538	1.29206
5800	-2.6045	-1.1620	4.7854	1.1137	4.694	1.3046	10.5180	1.30458
5900	-2.5038	-1.0498	4.7992	1.1153	4.760	1.3170	10.6750	1.31699

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-2.4061	-0.9407	4.8126	1.1170	4.827	1.3293	10.8261	1.32929
6100	-2.3117	-0.8352	4.8255	1.1187	4.893	1.3415	10.9701	1.34146
6200	-2.2201	-0.7327	4.8380	1.1204	4.958	1.3535	11.1082	1.35349
6300	-2.1314	-0.6332	4.8501	1.1220	5.024	1.3654	11.2404	1.36540
6400	-2.0453	-0.5366	4.8618	1.1236	5.089	1.3772	11.3673	1.37719
6500	-1.9619	-0.4427	4.8732	1.1253	5.154	1.3889	11.4888	1.38883
6600	-1.8808	-0.3514	4.8842	1.1268	5.219	1.4004	11.6053	1.40034
6700	-1.8021	-0.2627	4.8949	1.1285	5.283	1.4117	11.7169	1.41172
6800	-1.7258	-0.1765	4.9053	1.1301	5.348	1.4230	11.8236	1.42294
6900	-1.6516	-0.0926	4.9153	1.1317	5.412	1.4341	11.9260	1.43403
7000	-1.5796	-0.0110	4.9251	1.1335	5.476	1.4450	12.0239	1.44498
7100	-1.5096	0.0684	4.9347	1.1352	5.539	1.4559	12.1174	1.45579
7200	-1.4416	0.1456	4.9439	1.1368	5.603	1.4665	12.2070	1.46646
7300	-1.3755	0.2208	4.9530	1.1385	5.666	1.4771	12.2926	1.47699
7400	-1.3112	0.2940	4.9618	1.1402	5.729	1.4875	12.3744	1.48738
7500	-1.2487	0.3653	4.9703	1.1419	5.792	1.4977	12.4526	1.49763
7600	-1.1880	0.4348	4.9787	1.1435	5.854	1.5078	12.5272	1.50771
7700	-1.1288	0.5025	4.9868	1.1452	5.916	1.5178	12.5985	1.51767
7800	-1.0712	0.5685	4.9948	1.1468	5.978	1.5276	12.6665	1.52748
7900	-1.0151	0.6329	5.0025	1.1484	6.039	1.5373	12.7316	1.53714
8000	-0.9605	0.6956	5.0101	1.1500	6.100	1.5469	12.7936	1.54664
8100	-0.9073	0.7569	5.0175	1.1514	6.161	1.5563	12.8529	1.55600
8200	-0.8554	0.8167	5.0247	1.1530	6.221	1.5655	12.9095	1.56522
8300	-0.8047	0.8751	5.0318	1.1546	6.282	1.5746	12.9636	1.57429
8400	-0.7554	0.9321	5.0387	1.1562	6.342	1.5836	13.0152	1.58321
8500	-0.7072	0.9878	5.0455	1.1577	6.401	1.5924	13.0643	1.59201
8600	-0.6602	1.0423	5.0521	1.1592	6.461	1.6011	13.1113	1.60066
8700	-0.6144	1.0955	5.0586	1.1608	6.520	1.6097	13.1559	1.60917
8800	-0.5696	1.1475	5.0650	1.1624	6.579	1.6181	13.1983	1.61756
8900	-0.5259	1.1983	5.0712	1.1640	6.638	1.6265	13.2388	1.62582
9000	-0.4832	1.2480	5.0774	1.1656	6.696	1.6346	13.2773	1.63394
9100	-0.4416	1.2966	5.0833	1.1672	6.755	1.6427	13.3137	1.64193
9200	-0.4009	1.3442	5.0892	1.1688	6.813	1.6506	13.3482	1.64978
9300	-0.3611	1.3907	5.0950	1.1703	6.870	1.6584	13.3808	1.65751
9400	-0.3222	1.4362	5.1006	1.1721	6.928	1.6661	13.4118	1.66513
9500	-0.2842	1.4808	5.1062	1.1738	6.986	1.6737	13.4411	1.67261
9600	-0.2471	1.5244	5.1116	1.1755	7.044	1.6812	13.4687	1.68000
9700	-0.2108	1.5671	5.1169	1.1770	7.100	1.6886	13.4947	1.68725
9800	-0.1753	1.6089	5.1222	1.1786	7.157	1.6958	13.5191	1.69439
9900	-0.1406	1.6498	5.1273	1.1803	7.213	1.7029	13.5421	1.70140
10000	-0.1066	1.6899	5.1324	1.1817	7.269	1.7099	13.5634	1.70828
10100	-0.0734	1.7292	5.1373	1.1805	7.316	1.7168	13.5832	1.71501
10200	-0.0393	1.7695	5.1425	1.1820	7.372	1.7240	13.6108	1.72207
10300	-0.0074	1.8072	5.1473	1.1866	7.437	1.7307	13.6281	1.72861
10400	0.0237	1.8441	5.1520	1.1886	7.494	1.7372	13.6438	1.73499
10500	0.0540	1.8803	5.1566	1.1901	7.548	1.7436	13.6580	1.74125
10600	0.0839	1.9158	5.1611	1.1915	7.602	1.7499	13.6715	1.74744
10700	0.1131	1.9506	5.1656	1.1933	7.657	1.7562	13.6836	1.75349
10800	0.1417	1.9847	5.1700	1.1947	7.711	1.7622	13.6942	1.75941
10900	0.1698	2.0183	5.1743	1.1963	7.765	1.7683	13.7045	1.76527
11000	0.1972	2.0512	5.1785	1.1981	7.820	1.7742	13.7136	1.77102
11100	0.2241	2.0835	5.1827	1.1996	7.873	1.7800	13.7212	1.77663
11200	0.2506	2.1152	5.1869	1.2013	7.927	1.7858	13.7288	1.78221
11300	0.2763	2.1462	5.1909	1.2031	7.980	1.7914	13.7340	1.78758
11400	0.3017	2.1767	5.1949	1.2041	8.031	1.7969	13.7392	1.79292

S/R= 44.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	0.3267	2.2069	5.1988	1.2058	8.084	1.8024	13.7440	1.79820
11600	0.3510	2.2362	5.2027	1.2075	8.137	1.8077	13.7472	1.80331
11700	0.3751	2.2653	5.2065	1.2090	8.189	1.8130	13.7501	1.80838
11800	0.3986	2.2937	5.2103	1.2103	8.240	1.8182	13.7521	1.81335
11900	0.4218	2.3219	5.2140	1.2120	8.293	1.8234	13.7540	1.81828
12000	0.4444	2.3493	5.2176	1.2137	8.345	1.8283	13.7542	1.82305
12100	0.4668	2.3764	5.2212	1.2147	8.394	1.8333	13.7544	1.82778
12200	0.4887	2.4030	5.2248	1.2162	8.445	1.8382	13.7537	1.83241
12300	0.5104	2.4294	5.2283	1.2177	8.496	1.8430	13.7530	1.83703
12400	0.5315	2.4551	5.2318	1.2191	8.547	1.8477	13.7511	1.84148
12500	0.5524	2.4806	5.2352	1.2205	8.596	1.8524	13.7493	1.84592
12600	0.5729	2.5057	5.2386	1.2221	8.647	1.8570	13.7467	1.85028
12700	0.5930	2.5303	5.2419	1.2234	8.697	1.8615	13.7437	1.85456
12800	0.6129	2.5546	5.2452	1.2241	8.744	1.8660	13.7400	1.85874
12900	0.6325	2.5786	5.2485	1.2253	8.793	1.8704	13.7363	1.86292
13000	0.6518	2.6022	5.2517	1.2270	8.843	1.8747	13.7323	1.86703
13100	0.6707	2.6255	5.2549	1.2281	8.891	1.8790	13.7276	1.87105
13200	0.6894	2.6485	5.2580	1.2295	8.940	1.8832	13.7225	1.87501
13300	0.7078	2.6711	5.2611	1.2305	8.987	1.8874	13.7173	1.87891
13400	0.7260	2.6935	5.2642	1.2316	9.035	1.8915	13.7122	1.88281
13500	0.7438	2.7155	5.2672	1.2328	9.082	1.8955	13.7061	1.88658
13600	0.7616	2.7374	5.2703	1.2332	9.127	1.8995	13.7004	1.89036
13700	0.7790	2.7589	5.2733	1.2346	9.175	1.9035	13.6944	1.89409
13800	0.7962	2.7802	5.2762	1.2353	9.221	1.9074	13.6882	1.89777
13900	0.8134	2.8013	5.2792	1.2355	9.265	1.9113	13.6821	1.90144
14000	0.8301	2.8220	5.2821	1.2371	9.313	1.9150	13.6755	1.90499
14100	0.8467	2.8426	5.2850	1.2385	9.361	1.9188	13.6688	1.90857
14200	0.8631	2.8629	5.2878	1.2385	9.403	1.9226	13.6622	1.91211
14300	0.8794	2.8830	5.2906	1.2390	9.447	1.9262	13.6554	1.91559
14400	0.8954	2.9029	5.2935	1.2402	9.494	1.9299	13.6486	1.91905
14500	0.9113	2.9226	5.2962	1.2408	9.537	1.9334	13.6416	1.92246
14600	0.9270	2.9420	5.2990	1.2408	9.579	1.9370	13.6345	1.92584
14700	0.9426	2.9614	5.3018	1.2415	9.624	1.9406	13.6282	1.92925
14800	0.9579	2.9805	5.3045	1.2421	9.667	1.9440	13.6210	1.93257
14900	0.9732	2.9995	5.3072	1.2420	9.708	1.9475	13.6144	1.93592
15000	0.9884	3.0183	5.3099	1.2421	9.749	1.9509	13.6078	1.93925

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2300	-6.9574	-6.0320	3.9592	1.2924	2.788	1.0000	3.9577	1.00002
2400	-6.8942	-5.9503	3.9797	1.2901	2.846	1.0001	3.9768	1.00005
2500	-6.8324	-5.8708	3.9997	1.2841	2.898	1.0001	3.9977	1.00012
2600	-6.7714	-5.7927	4.0192	1.2741	2.944	1.0003	4.0202	1.00028
2700	-6.7098	-5.7145	4.0386	1.2587	2.982	1.0006	4.0476	1.00058
2800	-6.6456	-5.6343	4.0584	1.2380	3.012	1.0011	4.0851	1.00114
2900	-6.5766	-5.5497	4.0790	1.2128	3.036	1.0021	4.1363	1.00211
3000	-6.4996	-5.4573	4.1012	1.1861	3.056	1.0037	4.2078	1.00370
3100	-6.4116	-5.3540	4.1256	1.1615	3.078	1.0061	4.3078	1.00614
3200	-6.3102	-5.2373	4.1525	1.1410	3.105	1.0096	4.4395	1.00963
3300	-6.1939	-5.1056	4.1819	1.1252	3.138	1.0144	4.6071	1.01436
3400	-6.0631	-4.9592	4.2136	1.1137	3.179	1.0204	4.8101	1.02038
3500	-5.9194	-4.7999	4.2467	1.1056	3.225	1.0277	5.0424	1.02765
3600	-5.7654	-4.6301	4.2806	1.1002	3.276	1.0361	5.3007	1.03608
3700	-5.6039	-4.4527	4.3145	1.0966	3.331	1.0455	5.5761	1.04552

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-5.4373	-4.2703	4.3481	1.0942	3.388	1.0558	5.8654	1.05582
3900	-5.2683	-4.0856	4.3807	1.0930	3.448	1.0668	6.1607	1.06682
4000	-5.0988	-3.9004	4.4121	1.0923	3.510	1.0784	6.4578	1.07839
4100	-4.9301	-3.7161	4.4424	1.0922	3.573	1.0904	6.7548	1.09042
4200	-4.7635	-3.5342	4.4713	1.0924	3.638	1.1028	7.0479	1.10281
4300	-4.5995	-3.3550	4.4990	1.0930	3.703	1.1155	7.3369	1.11550
4400	-4.4393	-3.1798	4.5252	1.0938	3.768	1.1284	7.6170	1.12836
4500	-4.2826	-3.0083	4.5504	1.0947	3.835	1.1414	7.8911	1.14141
4600	-4.1303	-2.8415	4.5742	1.0958	3.901	1.1545	8.1555	1.15455
4700	-3.9822	-2.6791	4.5970	1.0970	3.968	1.1677	8.4112	1.16774
4800	-3.8384	-2.5213	4.6187	1.0983	4.035	1.1810	8.6583	1.18099
4900	-3.6989	-2.3680	4.6394	1.0997	4.102	1.1943	8.8967	1.19426
5000	-3.5639	-2.2195	4.6592	1.1015	4.170	1.2075	9.1253	1.20750
5100	-3.4330	-2.0751	4.6783	1.1030	4.238	1.2210	9.3478	1.22097
5200	-3.3066	-1.9356	4.6964	1.1042	4.305	1.2341	9.5582	1.23411
5300	-3.1841	-1.8003	4.7138	1.1056	4.372	1.2472	9.7605	1.24718
5400	-3.0655	-1.6691	4.7304	1.1072	4.439	1.2602	9.9545	1.26017
5500	-2.9508	-1.5419	4.7464	1.1088	4.506	1.2731	10.1407	1.27309
5600	-2.8396	-1.4186	4.7618	1.1103	4.573	1.2859	10.3194	1.28590
5700	-2.7320	-1.2990	4.7767	1.1120	4.639	1.2986	10.4906	1.29864
5800	-2.6277	-1.1829	4.7910	1.1135	4.706	1.3113	10.6551	1.31128
5900	-2.5266	-1.0704	4.8048	1.1151	4.772	1.3238	10.8124	1.32380
6000	-2.4287	-0.9611	4.8181	1.1169	4.839	1.3362	10.9636	1.33623
6100	-2.3341	-0.8553	4.8310	1.1186	4.905	1.3485	11.1077	1.34850
6200	-2.2424	-0.7526	4.8434	1.1203	4.971	1.3607	11.2459	1.36064
6300	-2.1535	-0.6530	4.8554	1.1220	5.037	1.3727	11.3781	1.37266
6400	-2.0673	-0.5562	4.8671	1.1236	5.103	1.3846	11.5049	1.38455
6500	-1.9837	-0.4622	4.8784	1.1252	5.168	1.3963	11.6264	1.39629
6600	-1.9025	-0.3708	4.8893	1.1268	5.233	1.4079	11.7426	1.40789
6700	-1.8238	-0.2820	4.8999	1.1284	5.297	1.4194	11.8541	1.41936
6800	-1.7473	-0.1957	4.9103	1.1302	5.362	1.4307	11.9606	1.43067
6900	-1.6731	-0.1117	4.9203	1.1318	5.426	1.4419	12.0626	1.44185
7000	-1.6010	-0.0301	4.9300	1.1335	5.491	1.4529	12.1603	1.45288
7100	-1.5310	0.0493	4.9395	1.1352	5.555	1.4638	12.2534	1.46377
7200	-1.4630	0.1266	4.9487	1.1368	5.618	1.4746	12.3425	1.47452
7300	-1.3969	0.2018	4.9577	1.1385	5.681	1.4852	12.4278	1.48512
7400	-1.3326	0.2750	4.9665	1.1403	5.745	1.4957	12.5091	1.49557
7500	-1.2702	0.3463	4.9750	1.1420	5.808	1.5060	12.5868	1.50588
7600	-1.2094	0.4158	4.9833	1.1436	5.870	1.5162	12.6610	1.51603
7700	-1.1503	0.4834	4.9914	1.1453	5.933	1.5262	12.7317	1.52605
7800	-1.0927	0.5494	4.9993	1.1469	5.994	1.5361	12.7992	1.53591
7900	-1.0367	0.6137	5.0070	1.1485	6.056	1.5458	12.8636	1.54562
8000	-0.9821	0.6764	5.0145	1.1501	6.117	1.5554	12.9250	1.55517
8100	-0.9289	0.7376	5.0219	1.1515	6.178	1.5648	12.9837	1.56459
8200	-0.8771	0.7974	5.0291	1.1531	6.239	1.5741	13.0396	1.57385
8300	-0.8265	0.8557	5.0361	1.1548	6.299	1.5833	13.0930	1.58296
8400	-0.7773	0.9126	5.0430	1.1563	6.360	1.5923	13.1439	1.59192
8500	-0.7292	0.9683	5.0497	1.1579	6.419	1.6011	13.1923	1.60076
8600	-0.6823	1.0226	5.0563	1.1594	6.479	1.6099	13.2385	1.60944
8700	-0.6365	1.0757	5.0628	1.1610	6.538	1.6185	13.2824	1.61799
8800	-0.5918	1.1276	5.0691	1.1626	6.598	1.6269	13.3241	1.62641
8900	-0.5482	1.1783	5.0753	1.1643	6.657	1.6353	13.3638	1.63469
9000	-0.5057	1.2279	5.0814	1.1658	6.715	1.6435	13.4014	1.64284
9100	-0.4641	1.2764	5.0873	1.1675	6.774	1.6516	13.4370	1.65084
9200	-0.4235	1.3238	5.0932	1.1691	6.832	1.6595	13.4707	1.65871

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	-0.3839	1.3702	5.0989	1.1706	6.890	1.6673	13.5025	1.66645
9400	-0.3451	1.4156	5.1045	1.1724	6.948	1.6750	13.5325	1.67408
9500	-0.3073	1.4600	5.1100	1.1742	7.006	1.6826	13.5609	1.68158
9600	-0.2703	1.5035	5.1154	1.1759	7.063	1.6901	13.5876	1.68897
9700	-0.2341	1.5461	5.1207	1.1773	7.120	1.6975	13.6128	1.69623
9800	-0.1988	1.5877	5.1259	1.1790	7.177	1.7047	13.6362	1.70337
9900	-0.1642	1.6285	5.1310	1.1807	7.234	1.7118	13.6583	1.71038
10000	-0.1304	1.6685	5.1360	1.1821	7.289	1.7188	13.6786	1.71725
10100	-0.0973	1.7076	5.1410	1.1809	7.336	1.7257	13.6975	1.72399
10200	-0.0633	1.7477	5.1461	1.1825	7.393	1.7329	13.7240	1.73105
10300	-0.0316	1.7853	5.1508	1.1871	7.458	1.7395	13.7404	1.73757
10400	-0.0007	1.8220	5.1555	1.1890	7.514	1.7460	13.7550	1.74394
10500	0.0295	1.8580	5.1601	1.1905	7.569	1.7524	13.7683	1.75019
10600	0.0593	1.8934	5.1646	1.1919	7.623	1.7587	13.7808	1.75636
10700	0.0883	1.9280	5.1690	1.1938	7.678	1.7649	13.7918	1.76240
10800	0.1167	1.9620	5.1734	1.1952	7.732	1.7710	13.8016	1.76830
10900	0.1447	1.9954	5.1776	1.1968	7.786	1.7770	13.8108	1.77415
11000	0.1720	2.0281	5.1819	1.1986	7.840	1.7829	13.8188	1.77987
11100	0.1987	2.0602	5.1860	1.2001	7.893	1.7886	13.8256	1.78546
11200	0.2251	2.0918	5.1901	1.2019	7.948	1.7944	13.8321	1.79101
11300	0.2506	2.1226	5.1941	1.2036	8.001	1.7999	13.8364	1.79636
11400	0.2758	2.1529	5.1981	1.2046	8.052	1.8054	13.8405	1.80167
11500	0.3007	2.1829	5.2020	1.2063	8.105	1.8108	13.8444	1.80693
11600	0.3249	2.2121	5.2058	1.2080	8.158	1.8161	13.8464	1.81201
11700	0.3488	2.2410	5.2096	1.2095	8.210	1.8213	13.8483	1.81704
11800	0.3722	2.2693	5.2133	1.2108	8.261	1.8265	13.8494	1.82198
11900	0.3953	2.2973	5.2170	1.2125	8.313	1.8316	13.8505	1.82689
12000	0.4177	2.3245	5.2206	1.2142	8.365	1.8365	13.8496	1.83162
12100	0.4399	2.3515	5.2242	1.2152	8.415	1.8414	13.8490	1.83632
12200	0.4617	2.3780	5.2277	1.2167	8.465	1.8462	13.8473	1.84092
12300	0.4832	2.4042	5.2312	1.2182	8.516	1.8510	13.8458	1.84551
12400	0.5042	2.4297	5.2346	1.2197	8.567	1.8557	13.8428	1.84993
12500	0.5250	2.4550	5.2380	1.2209	8.616	1.8603	13.8400	1.85433
12600	0.5454	2.4800	5.2414	1.2225	8.667	1.8648	13.8365	1.85865
12700	0.5654	2.5045	5.2447	1.2238	8.716	1.8693	13.8326	1.86289
12800	0.5851	2.5286	5.2480	1.2244	8.763	1.8736	13.8280	1.86705
12900	0.6046	2.5525	5.2512	1.2257	8.812	1.8780	13.8235	1.87120
13000	0.6238	2.5760	5.2544	1.2274	8.862	1.8823	13.8187	1.87528
13100	0.6426	2.5991	5.2576	1.2285	8.910	1.8865	13.8132	1.87927
13200	0.6612	2.6219	5.2607	1.2299	8.959	1.8906	13.8073	1.88319
13300	0.6794	2.6444	5.2638	1.2308	9.006	1.8947	13.8012	1.88706
13400	0.6976	2.6667	5.2668	1.2318	9.053	1.8988	13.7952	1.89092
13500	0.7153	2.6886	5.2698	1.2329	9.100	1.9027	13.7883	1.89466
13600	0.7329	2.7103	5.2728	1.2335	9.146	1.9066	13.7819	1.89841
13700	0.7503	2.7317	5.2758	1.2348	9.193	1.9105	13.7750	1.90211
13800	0.7674	2.7529	5.2788	1.2354	9.238	1.9143	13.7681	1.90576
13900	0.7844	2.7739	5.2817	1.2354	9.281	1.9182	13.7615	1.90941
14000	0.8011	2.7946	5.2846	1.2371	9.330	1.9219	13.7542	1.91294
14100	0.8176	2.8150	5.2874	1.2385	9.377	1.9256	13.7469	1.91650
14200	0.8340	2.8353	5.2903	1.2384	9.419	1.9293	13.7396	1.92001
14300	0.8501	2.8553	5.2931	1.2390	9.463	1.9329	13.7322	1.92347
14400	0.8661	2.8751	5.2959	1.2401	9.509	1.9364	13.7246	1.92689
14500	0.8819	2.8946	5.2986	1.2406	9.553	1.9399	13.7170	1.93029
14600	0.8975	2.9140	5.3014	1.2407	9.594	1.9434	13.7093	1.93364
14700	0.9130	2.9333	5.3041	1.2413	9.638	1.9469	13.7022	1.93703

S/R= 44.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	0.9283	2.9523	5.3068	1.2418	9.682	1.9503	13.6945	1.94033
14900	0.9436	2.9712	5.3095	1.2417	9.722	1.9537	13.6874	1.94366
15000	0.9587	2.9899	5.3122	1.2419	9.764	1.9570	13.6802	1.94696

S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2400	-6.9809	-6.0371	3.9798	1.2870	2.842	1.0001	3.9771	1.00006
2500	-6.9190	-5.9574	3.9998	1.2831	2.896	1.0001	3.9983	1.00013
2600	-6.8577	-5.8790	4.0194	1.2722	2.942	1.0003	4.0215	1.00031
2700	-6.7954	-5.8002	4.0388	1.2558	2.979	1.0006	4.0502	1.00064
2800	-6.7303	-5.7190	4.0589	1.2339	3.008	1.0013	4.0900	1.00125
2900	-6.6596	-5.6326	4.0799	1.2078	3.030	1.0023	4.1447	1.00232
3000	-6.5802	-5.5378	4.1026	1.1807	3.050	1.0041	4.2218	1.00406
3100	-6.4889	-5.4311	4.1278	1.1564	3.072	1.0067	4.3291	1.00671
3200	-6.3834	-5.3101	4.1555	1.1366	3.100	1.0105	4.4701	1.01048
3300	-6.2624	-5.1736	4.1858	1.1216	3.135	1.0155	4.6483	1.01553
3400	-6.1266	-5.0221	4.2183	1.1108	3.177	1.0219	4.8624	1.02191
3500	-5.9780	-4.8577	4.2521	1.1034	3.224	1.0296	5.1056	1.02955
3600	-5.8193	-4.6831	4.2866	1.0984	3.277	1.0383	5.3741	1.03835
3700	-5.6537	-4.5015	4.3209	1.0951	3.333	1.0481	5.6586	1.04814
3800	-5.4835	-4.3153	4.3547	1.0931	3.391	1.0588	5.9560	1.05877
3900	-5.3113	-4.1272	4.3875	1.0920	3.452	1.0701	6.2583	1.07009
4000	-5.1390	-3.9391	4.4191	1.0915	3.515	1.0819	6.5615	1.08194
4100	-4.9679	-3.7524	4.4493	1.0915	3.578	1.0942	6.8637	1.09424
4200	-4.7992	-3.5682	4.4782	1.0918	3.643	1.1069	7.1612	1.10687
4300	-4.6334	-3.3872	4.5059	1.0925	3.709	1.1198	7.4539	1.11980
4400	-4.4716	-3.2104	4.5320	1.0933	3.775	1.1329	7.7373	1.13288
4500	-4.3136	-3.0375	4.5571	1.0943	3.842	1.1461	8.0143	1.14614
4600	-4.1600	-2.8694	4.5808	1.0955	3.909	1.1595	8.2810	1.15947
4700	-4.0109	-2.7060	4.6035	1.0967	3.976	1.1729	8.5389	1.17286
4800	-3.8662	-2.5472	4.6251	1.0980	4.043	1.1863	8.7877	1.18628
4900	-3.7259	-2.3931	4.6458	1.0994	4.111	1.1997	9.0277	1.19972
5000	-3.5902	-2.2437	4.6655	1.1012	4.179	1.2131	9.2576	1.21312
5100	-3.4587	-2.0988	4.6844	1.1027	4.247	1.2267	9.4812	1.22675
5200	-3.3317	-1.9586	4.7024	1.1040	4.315	1.2400	9.6927	1.24004
5300	-3.2087	-1.8228	4.7197	1.1055	4.382	1.2533	9.8958	1.25326
5400	-3.0897	-1.6912	4.7363	1.1070	4.449	1.2664	10.0903	1.26639
5500	-2.9745	-1.5635	4.7522	1.1086	4.517	1.2794	10.2773	1.27943
5600	-2.8630	-1.4398	4.7676	1.1102	4.584	1.2924	10.4563	1.29238
5700	-2.7550	-1.3199	4.7823	1.1118	4.651	1.3052	10.6280	1.30524
5800	-2.6505	-1.2035	4.7966	1.1134	4.718	1.3180	10.7926	1.31801
5900	-2.5492	-1.0907	4.8103	1.1151	4.785	1.3307	10.9504	1.33065
6000	-2.4511	-0.9812	4.8235	1.1168	4.851	1.3432	11.1015	1.34318
6100	-2.3563	-0.8752	4.8363	1.1185	4.918	1.3556	11.2458	1.35557
6200	-2.2644	-0.7724	4.8487	1.1202	4.984	1.3678	11.3839	1.36782
6300	-2.1753	-0.6725	4.8607	1.1219	5.050	1.3800	11.5162	1.37994
6400	-2.0890	-0.5756	4.8722	1.1236	5.116	1.3919	11.6428	1.39192
6500	-2.0053	-0.4815	4.8835	1.1252	5.182	1.4038	11.7642	1.40377
6600	-1.9241	-0.3900	4.8944	1.1268	5.247	1.4155	11.8802	1.41546
6700	-1.8452	-0.3011	4.9049	1.1284	5.312	1.4270	11.9914	1.42701
6800	-1.7687	-0.2147	4.9152	1.1301	5.377	1.4385	12.0977	1.43841
6900	-1.6944	-0.1307	4.9252	1.1318	5.441	1.4497	12.1994	1.44967
7000	-1.6223	-0.0490	4.9349	1.1335	5.506	1.4608	12.2967	1.46078
7100	-1.5523	0.0304	4.9443	1.1353	5.570	1.4718	12.3894	1.47175

S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-1.4843	0.1077	4.9535	1.1369	5.633	1.4826	12.4782	1.48257
7300	-1.4182	0.1829	4.9624	1.1386	5.697	1.4933	12.5630	1.49324
7400	-1.3539	0.2561	4.9711	1.1404	5.761	1.5039	12.6438	1.50376
7500	-1.2915	0.3274	4.9796	1.1421	5.824	1.5142	12.7210	1.51414
7600	-1.2307	0.3968	4.9878	1.1437	5.886	1.5245	12.7946	1.52435
7700	-1.1716	0.4644	4.9959	1.1454	5.949	1.5346	12.8648	1.53442
7800	-1.1141	0.5304	5.0038	1.1470	6.011	1.5445	12.9317	1.54434
7900	-1.0581	0.5946	5.0114	1.1486	6.073	1.5543	12.9955	1.55410
8000	-1.0036	0.6573	5.0189	1.1502	6.134	1.5639	13.0563	1.56370
8100	-0.9505	0.7184	5.0262	1.1517	6.195	1.5734	13.1143	1.57316
8200	-0.8987	0.7781	5.0334	1.1533	6.256	1.5827	13.1695	1.58247
8300	-0.8483	0.8363	5.0404	1.1550	6.317	1.5919	13.2222	1.59162
8400	-0.7991	0.8932	5.0472	1.1565	6.377	1.6010	13.2722	1.60062
8500	-0.7511	0.9487	5.0539	1.1581	6.437	1.6099	13.3200	1.60949
8600	-0.7043	1.0030	5.0605	1.1597	6.497	1.6186	13.3654	1.61820
8700	-0.6586	1.0560	5.0669	1.1613	6.557	1.6273	13.4085	1.62678
8800	-0.6141	1.1077	5.0732	1.1629	6.616	1.6357	13.4495	1.63522
8900	-0.5706	1.1583	5.0793	1.1646	6.675	1.6441	13.4883	1.64353
9000	-0.5281	1.2078	5.0854	1.1661	6.734	1.6523	13.5251	1.65169
9100	-0.4867	1.2562	5.0913	1.1678	6.793	1.6604	13.5598	1.65972
9200	-0.4462	1.3035	5.0971	1.1694	6.851	1.6684	13.5926	1.66761
9300	-0.4067	1.3497	5.1028	1.1710	6.909	1.6762	13.6235	1.67535
9400	-0.3681	1.3949	5.1083	1.1728	6.967	1.6839	13.6527	1.68300
9500	-0.3304	1.4392	5.1138	1.1745	7.025	1.6915	13.6801	1.69050
9600	-0.2935	1.4826	5.1192	1.1762	7.083	1.6990	13.7059	1.69790
9700	-0.2575	1.5250	5.1244	1.1777	7.140	1.7063	13.7301	1.70516
9800	-0.2222	1.5665	5.1296	1.1794	7.197	1.7135	13.7526	1.71230
9900	-0.1878	1.6071	5.1347	1.1811	7.253	1.7206	13.7737	1.71930
10000	-0.1541	1.6469	5.1397	1.1826	7.309	1.7276	13.7931	1.72617
10100	-0.1212	1.6858	5.1445	1.1814	7.357	1.7345	13.8110	1.73289
10200	-0.0874	1.7258	5.1496	1.1829	7.413	1.7416	13.8364	1.73994
10300	-0.0559	1.7632	5.1543	1.1875	7.478	1.7483	13.8517	1.74646
10400	-0.0251	1.7998	5.1590	1.1896	7.535	1.7548	13.8654	1.75281
10500	0.0050	1.8356	5.1635	1.1910	7.589	1.7611	13.8776	1.75904
10600	0.0346	1.8708	5.1680	1.1924	7.643	1.7674	13.8891	1.76519
10700	0.0634	1.9053	5.1724	1.1944	7.699	1.7736	13.8992	1.77122
10800	0.0917	1.9390	5.1767	1.1957	7.752	1.7796	13.9078	1.77710
10900	0.1195	1.9723	5.1809	1.1974	7.806	1.7856	13.9160	1.78292
11000	0.1466	2.0048	5.1851	1.1992	7.861	1.7914	13.9230	1.78861
11100	0.1732	2.0367	5.1892	1.2007	7.914	1.7971	13.9287	1.79418
11200	0.1994	2.0682	5.1933	1.2024	7.968	1.8028	13.9343	1.79970
11300	0.2248	2.0988	5.1973	1.2042	8.021	1.8083	13.9375	1.80503
11400	0.2499	2.1289	5.2012	1.2052	8.072	1.8137	13.9407	1.81031
11500	0.2746	2.1588	5.2051	1.2069	8.126	1.8191	13.9435	1.81553
11600	0.2986	2.1878	5.2089	1.2087	8.179	1.8244	13.9446	1.82058
11700	0.3223	2.2165	5.2126	1.2101	8.230	1.8295	13.9454	1.82558
11800	0.3456	2.2446	5.2163	1.2114	8.281	1.8346	13.9454	1.83048
11900	0.3685	2.2724	5.2200	1.2131	8.333	1.8397	13.9454	1.83536
12000	0.3909	2.2995	5.2236	1.2147	8.385	1.8446	13.9438	1.84006
12100	0.4129	2.3263	5.2271	1.2157	8.435	1.8494	13.9421	1.84473
12200	0.4346	2.3527	5.2306	1.2172	8.486	1.8542	13.9396	1.84929
12300	0.4559	2.3787	5.2341	1.2187	8.536	1.8589	13.9370	1.85384
12400	0.4768	2.4041	5.2375	1.2201	8.586	1.8635	13.9331	1.85822
12500	0.4974	2.4293	5.2408	1.2214	8.636	1.8680	13.9292	1.86259
12600	0.5176	2.4540	5.2442	1.2230	8.686	1.8725	13.9249	1.86687

S/R= 45.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12700	0.5375	2.4784	5.2474	1.2244	8.736	1.8769	13.9199	1.87107
12800	0.5571	2.5023	5.2507	1.2250	8.782	1.8812	13.9144	1.87519
12900	0.5765	2.5261	5.2539	1.2260	8.831	1.8855	13.9093	1.87931
13000	0.5956	2.5495	5.2571	1.2277	8.881	1.8897	13.9035	1.88336
13100	0.6143	2.5725	5.2602	1.2288	8.929	1.8938	13.8974	1.88732
13200	0.6327	2.5952	5.2633	1.2302	8.977	1.8979	13.8906	1.89121
13300	0.6509	2.6175	5.2664	1.2311	9.024	1.9019	13.8836	1.89504
13400	0.6689	2.6397	5.2694	1.2322	9.071	1.9059	13.8769	1.89887
13500	0.6865	2.6614	5.2724	1.2332	9.118	1.9098	13.8692	1.90258
13600	0.7040	2.6830	5.2754	1.2337	9.163	1.9136	13.8619	1.90629
13700	0.7213	2.7043	5.2783	1.2351	9.211	1.9174	13.8542	1.90995
13800	0.7383	2.7254	5.2812	1.2356	9.255	1.9212	13.8466	1.91357
13900	0.7553	2.7463	5.2841	1.2355	9.298	1.9249	13.8392	1.91719
14000	0.7719	2.7669	5.2870	1.2371	9.346	1.9286	13.8314	1.92069
14100	0.7883	2.7872	5.2898	1.2383	9.393	1.9322	13.8234	1.92424
14200	0.8046	2.8074	5.2927	1.2383	9.435	1.9358	13.8156	1.92774
14300	0.8207	2.8273	5.2955	1.2390	9.479	1.9394	13.8075	1.93117
14400	0.8366	2.8470	5.2982	1.2399	9.524	1.9429	13.7994	1.93457
14500	0.8523	2.8665	5.3010	1.2403	9.567	1.9463	13.7911	1.93794
14600	0.8679	2.8858	5.3037	1.2405	9.609	1.9497	13.7827	1.94126
14700	0.8833	2.9050	5.3064	1.2412	9.653	1.9531	13.7751	1.94463
14800	0.8986	2.9239	5.3091	1.2416	9.696	1.9564	13.7669	1.94790
14900	0.9137	2.9427	5.3118	1.2414	9.736	1.9597	13.7591	1.95122
15000	0.9288	2.9614	5.3144	1.2416	9.778	1.9630	13.7513	1.95450

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2600	-6.9439	-5.9652	4.0195	1.2630	2.931	1.0003	4.0229	1.00034
2700	-6.8810	-5.8858	4.0391	1.2527	2.975	1.0007	4.0531	1.00070
2800	-6.8148	-5.8034	4.0594	1.2296	3.003	1.0014	4.0953	1.00138
2900	-6.7424	-5.7153	4.0809	1.2026	3.024	1.0026	4.1540	1.00255
3000	-6.6603	-5.6177	4.1042	1.1754	3.043	1.0045	4.2369	1.00446
3100	-6.5655	-5.5074	4.1301	1.1515	3.066	1.0073	4.3522	1.00732
3200	-6.4556	-5.3819	4.1586	1.1323	3.096	1.0114	4.5029	1.01138
3300	-6.3297	-5.2404	4.1899	1.1181	3.132	1.0168	4.6920	1.01677
3400	-6.1888	-5.0837	4.2232	1.1081	3.175	1.0235	4.9174	1.02352
3500	-6.0353	-4.9142	4.2577	1.1012	3.224	1.0315	5.1716	1.03154
3600	-5.8721	-4.7349	4.2927	1.0967	3.278	1.0407	5.4501	1.04070
3700	-5.7024	-4.5490	4.3274	1.0937	3.335	1.0508	5.7437	1.05084
3800	-5.5285	-4.3591	4.3615	1.0919	3.394	1.0618	6.0490	1.06180
3900	-5.3532	-4.1678	4.3944	1.0910	3.456	1.0734	6.3581	1.07342
4000	-5.1783	-3.9770	4.4260	1.0907	3.519	1.0856	6.6672	1.08556
4100	-5.0048	-3.7878	4.4563	1.0908	3.584	1.0981	6.9744	1.09812
4200	-4.8342	-3.6016	4.4851	1.0913	3.649	1.1110	7.2760	1.11101
4300	-4.6666	-3.4187	4.5127	1.0920	3.715	1.1242	7.5724	1.12416
4400	-4.5033	-3.2403	4.5388	1.0928	3.782	1.1375	7.8590	1.13745
4500	-4.3439	-3.0661	4.5638	1.0939	3.849	1.1509	8.1388	1.15092
4600	-4.1893	-2.8968	4.5874	1.0951	3.917	1.1644	8.4079	1.16445
4700	-4.0392	-2.7323	4.6100	1.0964	3.984	1.1780	8.6676	1.17801
4800	-3.8936	-2.5726	4.6315	1.0977	4.052	1.1916	8.9180	1.19161
4900	-3.7525	-2.4177	4.6521	1.0992	4.120	1.2052	9.1596	1.20521
5000	-3.6161	-2.2676	4.6717	1.1010	4.189	1.2188	9.3908	1.21878
5100	-3.4840	-2.1220	4.6905	1.1025	4.257	1.2326	9.6154	1.23256
5200	-3.3564	-1.9813	4.7085	1.1038	4.325	1.2460	9.8279	1.24601

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-3.2329	-1.8449	4.7257	1.1053	4.392	1.2594	10.0317	1.25936
5400	-3.1135	-1.7128	4.7421	1.1069	4.460	1.2726	10.2270	1.27263
5500	-2.9980	-1.5848	4.7580	1.1085	4.528	1.2858	10.4145	1.28582
5600	-2.8861	-1.4608	4.7732	1.1101	4.595	1.2989	10.5938	1.29889
5700	-2.7778	-1.3405	4.7879	1.1117	4.662	1.3119	10.7659	1.31188
5800	-2.6730	-1.2239	4.8021	1.1133	4.730	1.3248	10.9307	1.32475
5900	-2.5715	-1.1108	4.8157	1.1150	4.797	1.3375	11.0887	1.33752
6000	-2.4732	-1.0011	4.8289	1.1167	4.864	1.3502	11.2399	1.35016
6100	-2.3782	-0.8949	4.8416	1.1184	4.931	1.3627	11.3843	1.36266
6200	-2.2862	-0.7919	4.8539	1.1202	4.997	1.3750	11.5223	1.37501
6300	-2.1969	-0.6918	4.8658	1.1219	5.064	1.3872	11.6546	1.38724
6400	-2.1105	-0.5948	4.8774	1.1235	5.130	1.3993	11.7811	1.39932
6500	-2.0267	-0.5006	4.8885	1.1252	5.195	1.4113	11.9022	1.41125
6600	-1.9454	-0.4090	4.8994	1.1268	5.261	1.4231	12.0180	1.42303
6700	-1.8665	-0.3201	4.9099	1.1284	5.326	1.4347	12.1290	1.43468
6800	-1.7899	-0.2336	4.9201	1.1301	5.391	1.4462	12.2350	1.44616
6900	-1.7156	-0.1496	4.9300	1.1318	5.456	1.4575	12.3363	1.45751
7000	-1.6435	-0.0678	4.9397	1.1336	5.520	1.4687	12.4332	1.46869
7100	-1.5734	0.0116	4.9491	1.1353	5.585	1.4798	12.5256	1.47974
7200	-1.5054	0.0889	4.9582	1.1369	5.649	1.4907	12.6138	1.49063
7300	-1.4393	0.1641	4.9671	1.1386	5.713	1.5014	12.6982	1.50137
7400	-1.3751	0.2373	4.9757	1.1404	5.777	1.5120	12.7785	1.51195
7500	-1.3127	0.3086	4.9841	1.1422	5.840	1.5225	12.8552	1.52239
7600	-1.2519	0.3780	4.9924	1.1438	5.903	1.5328	12.9282	1.53266
7700	-1.1929	0.4455	5.0004	1.1455	5.965	1.5429	12.9978	1.54279
7800	-1.1355	0.5114	5.0082	1.1471	6.028	1.5529	13.0640	1.55276
7900	-1.0795	0.5756	5.0158	1.1487	6.090	1.5627	13.1272	1.56258
8000	-1.0251	0.6382	5.0233	1.1504	6.152	1.5724	13.1874	1.57222
8100	-0.9720	0.6993	5.0305	1.1519	6.213	1.5819	13.2447	1.58172
8200	-0.9203	0.7588	5.0376	1.1535	6.274	1.5913	13.2992	1.59106
8300	-0.8700	0.8170	5.0446	1.1551	6.335	1.6005	13.3512	1.60026
8400	-0.8208	0.8738	5.0514	1.1567	6.395	1.6096	13.4005	1.60929
8500	-0.7730	0.9292	5.0581	1.1583	6.455	1.6185	13.4474	1.61819
8600	-0.7263	0.9833	5.0646	1.1599	6.515	1.6273	13.4920	1.62694
8700	-0.6807	1.0362	5.0710	1.1616	6.575	1.6360	13.5343	1.63554
8800	-0.6363	1.0879	5.0772	1.1632	6.635	1.6445	13.5744	1.64401
8900	-0.5929	1.1383	5.0833	1.1648	6.694	1.6529	13.6124	1.65233
9000	-0.5506	1.1877	5.0893	1.1664	6.753	1.6611	13.6483	1.66051
9100	-0.5093	1.2359	5.0952	1.1681	6.812	1.6692	13.6821	1.66855
9200	-0.4689	1.2831	5.1010	1.1697	6.870	1.6772	13.7140	1.67645
9300	-0.4295	1.3291	5.1066	1.1713	6.928	1.6850	13.7440	1.68421
9400	-0.3911	1.3742	5.1121	1.1731	6.987	1.6927	13.7722	1.69185
9500	-0.3535	1.4184	5.1176	1.1748	7.045	1.7003	13.7987	1.69937
9600	-0.3168	1.4615	5.1229	1.1766	7.102	1.7078	13.8235	1.70676
9700	-0.2809	1.5038	5.1281	1.1781	7.159	1.7151	13.8467	1.71402
9800	-0.2458	1.5451	5.1332	1.1798	7.216	1.7223	13.8682	1.72116
9900	-0.2115	1.5856	5.1383	1.1816	7.273	1.7294	13.8883	1.72815
10000	-0.1780	1.6252	5.1432	1.1830	7.329	1.7364	13.9067	1.73501
10100	-0.1453	1.6640	5.1481	1.1819	7.377	1.7432	13.9236	1.74172
10200	-0.1116	1.7037	5.1531	1.1834	7.433	1.7504	13.9478	1.74876
10300	-0.0802	1.7410	5.1578	1.1881	7.498	1.7570	13.9621	1.75526
10400	-0.0496	1.7774	5.1624	1.1901	7.555	1.7634	13.9747	1.76160
10500	-0.0197	1.8130	5.1669	1.1915	7.609	1.7697	13.9859	1.76781
10600	0.0097	1.8481	5.1713	1.1930	7.663	1.7760	13.9963	1.77393
10700	0.0384	1.8824	5.1757	1.1949	7.719	1.7821	14.0054	1.77994

S/R= 45.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	0.0665	1.9159	5.1800	1.1963	7.773	1.7881	14.0130	1.78579
10900	0.0941	1.9490	5.1842	1.1979	7.827	1.7940	14.0201	1.79159
11000	0.1211	1.9814	5.1883	1.1998	7.881	1.7998	14.0260	1.79725
11100	0.1476	2.0131	5.1924	1.2013	7.934	1.8055	14.0307	1.80279
11200	0.1736	2.0443	5.1964	1.2030	7.988	1.8112	14.0351	1.80828
11300	0.1988	2.0748	5.2004	1.2048	8.042	1.8166	14.0374	1.81358
11400	0.2237	2.1048	5.2043	1.2058	8.093	1.8220	14.0395	1.81882
11500	0.2483	2.1344	5.2081	1.2075	8.146	1.8273	14.0413	1.82401
11600	0.2722	2.1633	5.2119	1.2093	8.199	1.8325	14.0414	1.82903
11700	0.2957	2.1918	5.2156	1.2107	8.250	1.8376	14.0411	1.83399
11800	0.3188	2.2197	5.2193	1.2120	8.301	1.8427	14.0401	1.83886
11900	0.3416	2.2474	5.2229	1.2137	8.354	1.8477	14.0390	1.84369
12000	0.3638	2.2743	5.2264	1.2153	8.405	1.8525	14.0365	1.84835
12100	0.3857	2.3009	5.2300	1.2162	8.454	1.8573	14.0338	1.85299
12200	0.4072	2.3271	5.2334	1.2178	8.505	1.8620	14.0303	1.85752
12300	0.4284	2.3530	5.2369	1.2193	8.556	1.8666	14.0268	1.86202
12400	0.4491	2.3782	5.2402	1.2208	8.606	1.8711	14.0220	1.86637
12500	0.4696	2.4033	5.2436	1.2219	8.655	1.8756	14.0172	1.87069
12600	0.4897	2.4278	5.2469	1.2234	8.705	1.8800	14.0117	1.87493
12700	0.5095	2.4520	5.2501	1.2249	8.755	1.8843	14.0060	1.87910
12800	0.5289	2.4759	5.2533	1.2255	8.802	1.8886	13.9995	1.88317
12900	0.5482	2.4995	5.2565	1.2265	8.849	1.8928	13.9934	1.88725
13000	0.5671	2.5227	5.2597	1.2280	8.899	1.8970	13.9870	1.89126
13100	0.5858	2.5456	5.2628	1.2291	8.947	1.9010	13.9799	1.89520
13200	0.6041	2.5682	5.2658	1.2304	8.995	1.9050	13.9724	1.89906
13300	0.6222	2.5904	5.2689	1.2314	9.042	1.9090	13.9647	1.90286
13400	0.6401	2.6125	5.2719	1.2325	9.089	1.9129	13.9571	1.90665
13500	0.6576	2.6341	5.2749	1.2334	9.135	1.9167	13.9486	1.91032
13600	0.6750	2.6555	5.2778	1.2340	9.180	1.9205	13.9405	1.91400
13700	0.6922	2.6767	5.2807	1.2353	9.228	1.9242	13.9321	1.91763
13800	0.7091	2.6976	5.2836	1.2356	9.272	1.9279	13.9237	1.92121
13900	0.7259	2.7184	5.2865	1.2357	9.314	1.9316	13.9156	1.92480
14000	0.7425	2.7389	5.2894	1.2372	9.362	1.9351	13.9071	1.92827
14100	0.7588	2.7592	5.2922	1.2383	9.408	1.9387	13.8984	1.93179
14200	0.7751	2.7792	5.2950	1.2383	9.450	1.9423	13.8901	1.93526
14300	0.7911	2.7991	5.2978	1.2388	9.494	1.9457	13.8814	1.93868
14400	0.8069	2.8188	5.3005	1.2397	9.539	1.9492	13.8727	1.94207
14500	0.8226	2.8381	5.3033	1.2402	9.582	1.9525	13.8640	1.94541
14600	0.8381	2.8573	5.3060	1.2404	9.624	1.9559	13.8550	1.94872
14700	0.8535	2.8765	5.3087	1.2410	9.668	1.9592	13.8467	1.95205
14800	0.8687	2.8953	5.3113	1.2412	9.709	1.9625	13.8379	1.95531
14900	0.8838	2.9141	5.3140	1.2411	9.750	1.9657	13.8295	1.95860
15000	0.8988	2.9327	5.3166	1.2415	9.792	1.9689	13.8215	1.96186

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2700	-6.9665	-5.9712	4.0395	1.2389	2.959	1.0008	4.0562	1.00078
2800	-6.8991	-5.8876	4.0601	1.2250	2.997	1.0015	4.1011	1.00153
2900	-6.8247	-5.7975	4.0819	1.1973	3.018	1.0028	4.1642	1.00281
3000	-6.7398	-5.6970	4.1059	1.1701	3.037	1.0049	4.2534	1.00488
3100	-6.6412	-5.5828	4.1325	1.1466	3.061	1.0080	4.3771	1.00799
3200	-6.5268	-5.4527	4.1620	1.1283	3.092	1.0123	4.5380	1.01235
3300	-6.3959	-5.3060	4.1941	1.1149	3.130	1.0181	4.7383	1.01808
3400	-6.2498	-5.1439	4.2283	1.1055	3.174	1.0252	4.9752	1.02521

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.0914	-4.9694	4.2634	1.0992	3.225	1.0336	5.2403	1.03360
3600	-5.9236	-4.7854	4.2989	1.0951	3.279	1.0431	5.5289	1.04314
3700	-5.7499	-4.5954	4.3340	1.0925	3.337	1.0536	5.8313	1.05362
3800	-5.5726	-4.4019	4.3683	1.0909	3.398	1.0649	6.1443	1.06491
3900	-5.3942	-4.2074	4.4013	1.0902	3.460	1.0768	6.4601	1.07683
4000	-5.2167	-4.0139	4.4330	1.0900	3.524	1.0892	6.7747	1.08925
4100	-5.0410	-3.8224	4.4632	1.0902	3.589	1.1021	7.0867	1.10207
4200	-4.8684	-3.6342	4.4920	1.0907	3.655	1.1152	7.3925	1.11519
4300	-4.6992	-3.4496	4.5195	1.0915	3.722	1.1286	7.6923	1.12857
4400	-4.5344	-3.2696	4.5456	1.0924	3.789	1.1421	7.9821	1.14208
4500	-4.3738	-3.0941	4.5704	1.0935	3.856	1.1558	8.2644	1.15575
4600	-4.2180	-2.9237	4.5940	1.0948	3.924	1.1695	8.5358	1.16947
4700	-4.0670	-2.7582	4.6164	1.0961	3.992	1.1832	8.7972	1.18321
4800	-3.9205	-2.5976	4.6379	1.0974	4.061	1.1970	9.0494	1.19698
4900	-3.7787	-2.4418	4.6583	1.0989	4.129	1.2108	9.2925	1.21075
5000	-3.6416	-2.2911	4.6778	1.1007	4.198	1.2245	9.5247	1.22448
5100	-3.5089	-2.1448	4.6966	1.1023	4.267	1.2384	9.7505	1.23841
5200	-3.3807	-2.0035	4.7144	1.1036	4.335	1.2520	9.9639	1.25200
5300	-3.2569	-1.8667	4.7315	1.1052	4.403	1.2655	10.1683	1.26550
5400	-3.1370	-1.7342	4.7479	1.1067	4.471	1.2789	10.3642	1.27890
5500	-3.0211	-1.6058	4.7637	1.1083	4.539	1.2922	10.5521	1.29222
5600	-2.9090	-1.4814	4.7789	1.1100	4.606	1.3054	10.7319	1.30542
5700	-2.8004	-1.3608	4.7935	1.1116	4.674	1.3185	10.9044	1.31853
5800	-2.6953	-1.2440	4.8075	1.1133	4.742	1.3315	11.0693	1.33153
5900	-2.5936	-1.1306	4.8211	1.1149	4.809	1.3444	11.2275	1.34441
6000	-2.4951	-1.0207	4.8342	1.1166	4.876	1.3572	11.3787	1.35716
6100	-2.3999	-0.9143	4.8469	1.1184	4.943	1.3698	11.5231	1.36977
6200	-2.3077	-0.8112	4.8591	1.1201	5.010	1.3822	11.6611	1.38222
6300	-2.2184	-0.7110	4.8710	1.1218	5.077	1.3946	11.7933	1.39455
6400	-2.1319	-0.6139	4.8824	1.1235	5.143	1.4067	11.9196	1.40672
6500	-2.0479	-0.5195	4.8936	1.1251	5.209	1.4188	12.0405	1.41875
6600	-1.9666	-0.4279	4.9043	1.1268	5.275	1.4306	12.1562	1.43062
6700	-1.8876	-0.3389	4.9148	1.1285	5.340	1.4424	12.2667	1.44236
6800	-1.8110	-0.2523	4.9250	1.1301	5.405	1.4540	12.3725	1.45392
6900	-1.7367	-0.1683	4.9348	1.1318	5.471	1.4654	12.4734	1.46535
7000	-1.6645	-0.0865	4.9444	1.1336	5.535	1.4767	12.5698	1.47661
7100	-1.5944	-0.0070	4.9538	1.1353	5.600	1.4878	12.6618	1.48772
7200	-1.5264	0.0702	4.9628	1.1370	5.664	1.4988	12.7496	1.49869
7300	-1.4604	0.1454	4.9717	1.1387	5.728	1.5096	12.8334	1.50949
7400	-1.3961	0.2186	4.9803	1.1405	5.792	1.5202	12.9132	1.52014
7500	-1.3338	0.2898	4.9886	1.1423	5.856	1.5307	12.9892	1.53064
7600	-1.2731	0.3592	4.9968	1.1439	5.919	1.5411	13.0617	1.54097
7700	-1.2141	0.4267	5.0048	1.1456	5.982	1.5513	13.1307	1.55115
7800	-1.1567	0.4925	5.0125	1.1472	6.044	1.5613	13.1963	1.56117
7900	-1.1008	0.5566	5.0201	1.1489	6.107	1.5712	13.2588	1.57103
8000	-1.0464	0.6192	5.0275	1.1505	6.169	1.5809	13.3182	1.58072
8100	-0.9935	0.6801	5.0348	1.1520	6.230	1.5905	13.3748	1.59026
8200	-0.9419	0.7396	5.0418	1.1537	6.291	1.5999	13.4286	1.59964
8300	-0.8916	0.7977	5.0488	1.1553	6.352	1.6091	13.4798	1.60888
8400	-0.8426	0.8543	5.0555	1.1570	6.413	1.6183	13.5283	1.61794
8500	-0.7948	0.9096	5.0621	1.1585	6.473	1.6272	13.5744	1.62686
8600	-0.7482	0.9637	5.0686	1.1601	6.533	1.6360	13.6182	1.63564
8700	-0.7028	1.0164	5.0750	1.1618	6.593	1.6447	13.6596	1.64427
8800	-0.6585	1.0680	5.0812	1.1635	6.653	1.6532	13.6988	1.65276
8900	-0.6152	1.1183	5.0873	1.1651	6.713	1.6616	13.7360	1.66109

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-0.5730	1.1675	5.0932	1.1667	6.771	1.6699	13.7709	1.66929
9100	-0.5318	1.2156	5.0990	1.1684	6.830	1.6780	13.8037	1.67734
9200	-0.4916	1.2626	5.1048	1.1701	6.889	1.6859	13.8347	1.68525
9300	-0.4524	1.3085	5.1104	1.1717	6.947	1.6938	13.8637	1.69302
9400	-0.4141	1.3535	5.1159	1.1735	7.006	1.7015	13.8909	1.70066
9500	-0.3767	1.3974	5.1213	1.1752	7.064	1.7091	13.9165	1.70817
9600	-0.3401	1.4404	5.1265	1.1770	7.122	1.7165	13.9403	1.71557
9700	-0.3044	1.4825	5.1317	1.1786	7.179	1.7239	13.9625	1.72283
9800	-0.2694	1.5237	5.1368	1.1803	7.236	1.7311	13.9829	1.72995
9900	-0.2353	1.5640	5.1418	1.1821	7.293	1.7381	14.0019	1.73694
10000	-0.2020	1.6034	5.1467	1.1835	7.349	1.7451	14.0194	1.74377
10100	-0.1694	1.6420	5.1515	1.1824	7.396	1.7519	14.0352	1.75048
10200	-0.1359	1.6816	5.1565	1.1840	7.453	1.7590	14.0583	1.75750
10300	-0.1047	1.7186	5.1612	1.1886	7.518	1.7656	14.0715	1.76398
10400	-0.0742	1.7549	5.1657	1.1906	7.575	1.7720	14.0830	1.77029
10500	-0.0445	1.7903	5.1702	1.1921	7.629	1.7783	14.0931	1.77648
10600	-0.0152	1.8252	5.1746	1.1935	7.684	1.7845	14.1025	1.78258
10700	0.0133	1.8593	5.1789	1.1955	7.739	1.7906	14.1105	1.78856
10800	0.0412	1.8927	5.1832	1.1969	7.793	1.7965	14.1171	1.79438
10900	0.0687	1.9255	5.1874	1.1985	7.847	1.8024	14.1230	1.80015
11000	0.0955	1.9577	5.1915	1.2004	7.902	1.8082	14.1279	1.80578
11100	0.1217	1.9893	5.1955	1.2019	7.955	1.8138	14.1313	1.81128
11200	0.1476	2.0203	5.1995	1.2037	8.009	1.8194	14.1346	1.81674
11300	0.1727	2.0506	5.2034	1.2054	8.062	1.8248	14.1359	1.82200
11400	0.1974	2.0804	5.2073	1.2064	8.113	1.8301	14.1370	1.82721
11500	0.2218	2.1099	5.2111	1.2082	8.166	1.8354	14.1377	1.83236
11600	0.2455	2.1385	5.2148	1.2099	8.219	1.8405	14.1368	1.83734
11700	0.2689	2.1669	5.2185	1.2113	8.270	1.8456	14.1355	1.84226
11800	0.2918	2.1946	5.2221	1.2127	8.321	1.8506	14.1334	1.84709
11900	0.3145	2.2221	5.2257	1.2143	8.373	1.8555	14.1313	1.85188
12000	0.3365	2.2489	5.2293	1.2159	8.425	1.8603	14.1276	1.85649
12100	0.3583	2.2753	5.2327	1.2168	8.474	1.8650	14.1239	1.86109
12200	0.3796	2.3013	5.2362	1.2182	8.524	1.8696	14.1195	1.86558
12300	0.4007	2.3271	5.2396	1.2198	8.575	1.8742	14.1151	1.87006
12400	0.4213	2.3522	5.2429	1.2214	8.626	1.8787	14.1093	1.87436
12500	0.4416	2.3770	5.2462	1.2225	8.675	1.8831	14.1035	1.87864
12600	0.4616	2.4014	5.2495	1.2239	8.724	1.8874	14.0973	1.88284
12700	0.4812	2.4255	5.2527	1.2255	8.774	1.8917	14.0905	1.88696
12800	0.5005	2.4491	5.2559	1.2260	8.820	1.8958	14.0832	1.89100
12900	0.5197	2.4726	5.2591	1.2270	8.868	1.9000	14.0761	1.89503
13000	0.5385	2.4957	5.2622	1.2285	8.917	1.9041	14.0686	1.89900
13100	0.5570	2.5185	5.2653	1.2294	8.964	1.9081	14.0608	1.90289
13200	0.5753	2.5409	5.2683	1.2307	9.012	1.9120	14.0526	1.90672
13300	0.5932	2.5630	5.2713	1.2316	9.059	1.9159	14.0441	1.91050
13400	0.6110	2.5850	5.2743	1.2327	9.106	1.9198	14.0357	1.91426
13500	0.6285	2.6065	5.2773	1.2337	9.153	1.9235	14.0266	1.91790
13600	0.6458	2.6278	5.2802	1.2342	9.197	1.9272	14.0177	1.92153
13700	0.6628	2.6489	5.2831	1.2355	9.245	1.9309	14.0086	1.92513
13800	0.6797	2.6697	5.2860	1.2358	9.288	1.9345	13.9995	1.92868
13900	0.6964	2.6904	5.2889	1.2358	9.330	1.9381	13.9906	1.93223
14000	0.7129	2.7108	5.2917	1.2372	9.378	1.9416	13.9815	1.93567
14100	0.7291	2.7309	5.2945	1.2382	9.424	1.9451	13.9720	1.93916
14200	0.7453	2.7509	5.2973	1.2383	9.466	1.9486	13.9630	1.94260
14300	0.7613	2.7707	5.3000	1.2388	9.509	1.9520	13.9538	1.94600
14400	0.7771	2.7902	5.3028	1.2394	9.553	1.9553	13.9446	1.94936

S/R= 45.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	0.7927	2.8096	5.3055	1.2398	9.596	1.9587	13.9353	1.95270
14600	0.8081	2.8287	5.3082	1.2402	9.638	1.9619	13.9258	1.95599
14700	0.8235	2.8478	5.3109	1.2409	9.682	1.9652	13.9169	1.95931
14800	0.8386	2.8666	5.3135	1.2410	9.723	1.9684	13.9077	1.96254
14900	0.8536	2.8852	5.3162	1.2409	9.764	1.9716	13.8989	1.96581
15000	0.8686	2.9038	5.3188	1.2412	9.805	1.9748	13.8902	1.96906

S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2800	-6.9831	-5.9716	4.0607	1.2073	2.976	1.0017	4.1076	1.00169
2900	-6.9066	-5.8793	4.0831	1.1920	3.011	1.0031	4.1753	1.00309
3000	-6.8187	-5.7757	4.1077	1.1648	3.031	1.0053	4.2713	1.00534
3100	-6.7161	-5.6574	4.1352	1.1419	3.056	1.0087	4.4039	1.00870
3200	-6.5969	-5.5224	4.1656	1.1244	3.088	1.0134	4.5754	1.01338
3300	-6.4609	-5.3704	4.1986	1.1118	3.127	1.0195	4.7873	1.01947
3400	-6.3096	-5.2029	4.2335	1.1031	3.174	1.0270	5.0358	1.02698
3500	-6.1462	-5.0233	4.2693	1.0973	3.225	1.0358	5.3118	1.03575
3600	-5.9740	-4.8347	4.3053	1.0936	3.281	1.0457	5.6102	1.04566
3700	-5.7963	-4.6407	4.3406	1.0912	3.340	1.0565	5.9213	1.05648
3800	-5.6156	-4.4436	4.3751	1.0899	3.401	1.0681	6.2418	1.06809
3900	-5.4343	-4.2461	4.4082	1.0893	3.464	1.0803	6.5640	1.08030
4000	-5.2542	-4.0499	4.4399	1.0893	3.529	1.0930	6.8841	1.09300
4100	-5.0763	-3.8562	4.4702	1.0896	3.595	1.1061	7.2008	1.10607
4200	-4.9019	-3.6660	4.4989	1.0902	3.661	1.1194	7.5105	1.11944
4300	-4.7310	-3.4797	4.5263	1.0910	3.728	1.1330	7.8139	1.13304
4400	-4.5649	-3.2983	4.5523	1.0920	3.796	1.1468	8.1064	1.14676
4500	-4.4030	-3.1215	4.5770	1.0932	3.864	1.1606	8.3913	1.16063
4600	-4.2462	-2.9500	4.6005	1.0945	3.932	1.1745	8.6646	1.17452
4700	-4.0942	-2.7836	4.6228	1.0958	4.001	1.1884	8.9279	1.18845
4800	-3.9470	-2.6221	4.6442	1.0972	4.069	1.2024	9.1818	1.20239
4900	-3.8044	-2.4655	4.6645	1.0987	4.138	1.2163	9.4262	1.21633
5000	-3.6667	-2.3142	4.6839	1.1005	4.207	1.2302	9.6594	1.23020
5100	-3.5334	-2.1673	4.7026	1.1021	4.277	1.2443	9.8862	1.24429
5200	-3.4048	-2.0255	4.7204	1.1034	4.345	1.2580	10.1006	1.25803
5300	-3.2805	-1.8882	4.7373	1.1050	4.413	1.2717	10.3054	1.27166
5400	-3.1602	-1.7553	4.7537	1.1066	4.481	1.2852	10.5021	1.28520
5500	-3.0440	-1.6265	4.7694	1.1082	4.550	1.2986	10.6903	1.29864
5600	-2.9315	-1.5018	4.7844	1.1099	4.618	1.3120	10.8705	1.31198
5700	-2.8227	-1.3809	4.7990	1.1115	4.686	1.3252	11.0432	1.32521
5800	-2.7174	-1.2638	4.8130	1.1132	4.753	1.3383	11.2083	1.33832
5900	-2.6154	-1.1502	4.8265	1.1148	4.821	1.3513	11.3666	1.35131
6000	-2.5168	-1.0401	4.8395	1.1165	4.889	1.3642	11.5178	1.36418
6100	-2.4214	-0.9336	4.8521	1.1183	4.956	1.3769	11.6622	1.37689
6200	-2.3291	-0.8303	4.8643	1.1201	5.023	1.3895	11.8002	1.38945
6300	-2.2396	-0.7300	4.8761	1.1218	5.090	1.4019	11.9322	1.40187
6400	-2.1530	-0.6327	4.8875	1.1235	5.157	1.4142	12.0583	1.41414
6500	-2.0690	-0.5383	4.8985	1.1251	5.223	1.4263	12.1790	1.42626
6600	-1.9875	-0.4466	4.9093	1.1268	5.289	1.4382	12.2944	1.43822
6700	-1.9086	-0.3575	4.9197	1.1285	5.354	1.4501	12.4046	1.45004
6800	-1.8319	-0.2709	4.9298	1.1302	5.420	1.4617	12.5100	1.46169
6900	-1.7576	-0.1868	4.9396	1.1319	5.485	1.4732	12.6105	1.47319
7000	-1.6854	-0.1051	4.9491	1.1336	5.550	1.4846	12.7065	1.48453
7100	-1.6153	-0.0256	4.9584	1.1354	5.615	1.4958	12.7981	1.49572
7200	-1.5473	0.0516	4.9674	1.1371	5.680	1.5068	12.8854	1.50675

S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-1.4813	0.1268	4.9762	1.1388	5.744	1.5177	12.9685	1.51762
7400	-1.4171	0.2000	4.9848	1.1406	5.808	1.5284	13.0478	1.52833
7500	-1.3547	0.2711	4.9931	1.1424	5.872	1.5390	13.1233	1.53889
7600	-1.2941	0.3404	5.0012	1.1440	5.935	1.5494	13.1951	1.54927
7700	-1.2352	0.4079	5.0091	1.1457	5.998	1.5596	13.2634	1.55950
7800	-1.1779	0.4737	5.0169	1.1474	6.061	1.5697	13.3283	1.56957
7900	-1.1221	0.5377	5.0244	1.1490	6.123	1.5796	13.3902	1.57948
8000	-1.0678	0.6001	5.0318	1.1507	6.186	1.5894	13.4488	1.58921
8100	-1.0149	0.6610	5.0390	1.1523	6.247	1.5990	13.5047	1.59879
8200	-0.9634	0.7204	5.0460	1.1539	6.309	1.6084	13.5577	1.60820
8300	-0.9132	0.7784	5.0529	1.1555	6.370	1.6177	13.6081	1.61747
8400	-0.8643	0.8349	5.0596	1.1572	6.431	1.6269	13.6557	1.62657
8500	-0.8167	0.8901	5.0662	1.1588	6.491	1.6358	13.7010	1.63552
8600	-0.7702	0.9440	5.0726	1.1604	6.551	1.6447	13.7439	1.64431
8700	-0.7249	0.9966	5.0789	1.1621	6.612	1.6534	13.7845	1.65296
8800	-0.6807	1.0480	5.0851	1.1638	6.671	1.6619	13.8227	1.66147
8900	-0.6376	1.0982	5.0911	1.1655	6.731	1.6703	13.8589	1.66982
9000	-0.5955	1.1473	5.0970	1.1671	6.790	1.6786	13.8930	1.67802
9100	-0.5545	1.1952	5.1028	1.1688	6.849	1.6867	13.9248	1.68608
9200	-0.5144	1.2421	5.1085	1.1704	6.908	1.6946	13.9548	1.69400
9300	-0.4753	1.2878	5.1141	1.1721	6.966	1.7025	13.9828	1.70178
9400	-0.4372	1.3326	5.1195	1.1739	7.025	1.7102	14.0090	1.70942
9500	-0.3999	1.3764	5.1249	1.1757	7.083	1.7177	14.0335	1.71692
9600	-0.3635	1.4192	5.1301	1.1775	7.141	1.7252	14.0563	1.72431
9700	-0.3279	1.4612	5.1353	1.1790	7.198	1.7325	14.0775	1.73156
9800	-0.2931	1.5022	5.1403	1.1807	7.255	1.7397	14.0968	1.73867
9900	-0.2592	1.5423	5.1453	1.1825	7.313	1.7468	14.1148	1.74564
10000	-0.2260	1.5815	5.1502	1.1840	7.369	1.7537	14.1311	1.75247
10100	-0.1936	1.6199	5.1550	1.1829	7.416	1.7604	14.1458	1.75915
10200	-0.1603	1.6593	5.1599	1.1845	7.473	1.7675	14.1678	1.76615
10300	-0.1293	1.6961	5.1645	1.1891	7.538	1.7741	14.1798	1.77260
10400	-0.0990	1.7322	5.1690	1.1912	7.595	1.7805	14.1903	1.77890
10500	-0.0694	1.7674	5.1735	1.1927	7.649	1.7867	14.1992	1.78506
10600	-0.0404	1.8021	5.1778	1.1941	7.704	1.7929	14.2074	1.79113
10700	-0.0120	1.8360	5.1821	1.1961	7.759	1.7990	14.2144	1.79707
10800	0.0158	1.8692	5.1863	1.1976	7.813	1.8049	14.2198	1.80286
10900	0.0430	1.9019	5.1905	1.1991	7.867	1.8107	14.2247	1.80860
11000	0.0697	1.9339	5.1945	1.2010	7.922	1.8164	14.2283	1.81419
11100	0.0958	1.9652	5.1986	1.2026	7.975	1.8220	14.2307	1.81966
11200	0.1214	1.9961	5.2025	1.2043	8.029	1.8275	14.2329	1.82507
11300	0.1463	2.0262	5.2064	1.2060	8.082	1.8329	14.2331	1.83029
11400	0.1709	2.0558	5.2102	1.2071	8.133	1.8382	14.2331	1.83546
11500	0.1952	2.0851	5.2140	1.2088	8.186	1.8434	14.2328	1.84058
11600	0.2187	2.1136	5.2177	1.2106	8.239	1.8485	14.2308	1.84551
11700	0.2420	2.1417	5.2213	1.2120	8.290	1.8535	14.2284	1.85039
11800	0.2647	2.1693	5.2249	1.2133	8.341	1.8584	14.2253	1.85518
11900	0.2872	2.1966	5.2285	1.2149	8.393	1.8632	14.2220	1.85992
12000	0.3090	2.2232	5.2320	1.2166	8.445	1.8679	14.2172	1.86449
12100	0.3306	2.2495	5.2355	1.2176	8.494	1.8726	14.2126	1.86904
12200	0.3518	2.2753	5.2389	1.2189	8.544	1.8771	14.2072	1.87348
12300	0.3728	2.3009	5.2423	1.2203	8.594	1.8817	14.2019	1.87791
12400	0.3932	2.3258	5.2456	1.2218	8.644	1.8861	14.1952	1.88219
12500	0.4134	2.3505	5.2488	1.2230	8.693	1.8904	14.1884	1.88643
12600	0.4333	2.3748	5.2521	1.2244	8.743	1.8947	14.1812	1.89058
12700	0.4528	2.3987	5.2553	1.2260	8.793	1.8989	14.1735	1.89466

S/R= 45.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	0.4719	2.4222	5.2584	1.2266	8.839	1.9030	14.1652	1.89866
12900	0.4910	2.4455	5.2616	1.2275	8.886	1.9070	14.1573	1.90264
13000	0.5096	2.4684	5.2647	1.2289	8.935	1.9111	14.1489	1.90657
13100	0.5280	2.4911	5.2677	1.2299	8.982	1.9150	14.1402	1.91042
13200	0.5462	2.5134	5.2708	1.2310	9.030	1.9189	14.1311	1.91421
13300	0.5640	2.5354	5.2737	1.2319	9.076	1.9227	14.1218	1.91794
13400	0.5818	2.5572	5.2767	1.2328	9.123	1.9265	14.1129	1.92167
13500	0.5991	2.5786	5.2796	1.2337	9.169	1.9301	14.1031	1.92530
13600	0.6163	2.5999	5.2826	1.2345	9.214	1.9338	14.0935	1.92890
13700	0.6333	2.6208	5.2854	1.2357	9.261	1.9374	14.0836	1.93246
13800	0.6500	2.6415	5.2883	1.2359	9.304	1.9409	14.0738	1.93597
13900	0.6667	2.6621	5.2911	1.2359	9.346	1.9445	14.0643	1.93949
14000	0.6831	2.6824	5.2939	1.2373	9.393	1.9479	14.0544	1.94290
14100	0.6993	2.7024	5.2967	1.2382	9.439	1.9513	14.0444	1.94635
14200	0.7154	2.7223	5.2995	1.2383	9.481	1.9547	14.0346	1.94977
14300	0.7313	2.7420	5.3022	1.2388	9.524	1.9581	14.0247	1.95313
14400	0.7470	2.7615	5.3050	1.2393	9.567	1.9614	14.0150	1.95647
14500	0.7625	2.7808	5.3077	1.2396	9.609	1.9647	14.0052	1.95979
14600	0.7779	2.7999	5.3103	1.2399	9.652	1.9679	13.9954	1.96307
14700	0.7933	2.8189	5.3130	1.2405	9.695	1.9711	13.9861	1.96638
14800	0.8084	2.8376	5.3157	1.2407	9.736	1.9742	13.9763	1.96960
14900	0.8234	2.8562	5.3183	1.2407	9.777	1.9774	13.9671	1.97286
15000	0.8383	2.8747	5.3209	1.2409	9.818	1.9805	13.9579	1.97608

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
2900	-6.9881	-5.9606	4.0843	1.1732	2.988	1.0034	4.1874	1.00339
3000	-6.8969	-5.8536	4.1097	1.1596	3.025	1.0058	4.2907	1.00584
3100	-6.7901	-5.7311	4.1380	1.1374	3.051	1.0095	4.4328	1.00947
3200	-6.6659	-5.5910	4.1694	1.1207	3.085	1.0145	4.6154	1.01448
3300	-6.5246	-5.4335	4.2033	1.1089	3.126	1.0209	4.8390	1.02094
3400	-6.3681	-5.2607	4.2390	1.1008	3.173	1.0288	5.0991	1.02883
3500	-6.1999	-5.0760	4.2753	1.0955	3.226	1.0380	5.3860	1.03798
3600	-6.0232	-4.8829	4.3117	1.0922	3.283	1.0483	5.6942	1.04825
3700	-5.8417	-4.6848	4.3473	1.0901	3.343	1.0594	6.0137	1.05941
3800	-5.6576	-4.4843	4.3820	1.0890	3.405	1.0713	6.3415	1.07134
3900	-5.4735	-4.2839	4.4152	1.0886	3.469	1.0838	6.6699	1.08385
4000	-5.2909	-4.0851	4.4469	1.0886	3.534	1.0968	6.9952	1.09681
4100	-5.1110	-3.8892	4.4771	1.0890	3.600	1.1101	7.3165	1.11014
4200	-4.9347	-3.6972	4.5058	1.0897	3.667	1.1237	7.6300	1.12373
4300	-4.7623	-3.5092	4.5331	1.0906	3.735	1.1376	7.9367	1.13755
4400	-4.5948	-3.3265	4.5590	1.0917	3.803	1.1515	8.2321	1.15148
4500	-4.4318	-3.1484	4.5836	1.0928	3.872	1.1655	8.5192	1.16554
4600	-4.2739	-2.9758	4.6070	1.0942	3.940	1.1796	8.7945	1.17962
4700	-4.1211	-2.8085	4.6292	1.0955	4.009	1.1937	9.0596	1.19372
4800	-3.9730	-2.6461	4.6504	1.0970	4.078	1.2078	9.3151	1.20784
4900	-3.8297	-2.4889	4.6707	1.0985	4.147	1.2219	9.5606	1.22193
5000	-3.6915	-2.3369	4.6900	1.1003	4.217	1.2360	9.7949	1.23597
5100	-3.5575	-2.1894	4.7086	1.1019	4.286	1.2502	10.0228	1.25020
5200	-3.4285	-2.0471	4.7262	1.1032	4.355	1.2641	10.2377	1.26408
5300	-3.3038	-1.9094	4.7431	1.1048	4.423	1.2779	10.4433	1.27785
5400	-3.1831	-1.7760	4.7594	1.1065	4.492	1.2915	10.6405	1.29153
5500	-3.0666	-1.6470	4.7750	1.1081	4.561	1.3051	10.8290	1.30510
5600	-2.9538	-1.5219	4.7900	1.1097	4.629	1.3186	11.0097	1.31855

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5700	-2.8447	-1.4008	4.8044	1.1114	4.697	1.3319	11.1824	1.33190
5800	-2.7392	-1.2834	4.8183	1.1131	4.765	1.3451	11.3477	1.34513
5900	-2.6370	-1.1696	4.8318	1.1147	4.833	1.3582	11.5061	1.35824
6000	-2.5382	-1.0593	4.8448	1.1165	4.901	1.3712	11.6574	1.37122
6100	-2.4427	-0.9526	4.8573	1.1183	4.969	1.3840	11.8017	1.38403
6200	-2.3502	-0.8492	4.8694	1.1200	5.036	1.3967	11.9395	1.39669
6300	-2.2607	-0.7488	4.8811	1.1218	5.103	1.4092	12.0714	1.40921
6400	-2.1740	-0.6514	4.8924	1.1235	5.170	1.4216	12.1974	1.42157
6500	-2.0899	-0.5569	4.9034	1.1251	5.236	1.4338	12.3177	1.43379
6600	-2.0084	-0.4651	4.9141	1.1268	5.303	1.4459	12.4328	1.44583
6700	-1.9294	-0.3760	4.9245	1.1285	5.369	1.4578	12.5426	1.45773
6800	-1.8527	-0.2894	4.9345	1.1302	5.434	1.4695	12.6476	1.46946
6900	-1.7783	-0.2053	4.9443	1.1319	5.500	1.4811	12.7478	1.48104
7000	-1.7062	-0.1236	4.9538	1.1337	5.565	1.4925	12.8433	1.49245
7100	-1.6361	-0.0441	4.9630	1.1354	5.630	1.5038	12.9343	1.50371
7200	-1.5681	0.0332	4.9720	1.1371	5.695	1.5149	13.0211	1.51480
7300	-1.5021	0.1083	4.9807	1.1389	5.760	1.5258	13.1037	1.52574
7400	-1.4380	0.1814	4.9892	1.1407	5.824	1.5366	13.1824	1.53651
7500	-1.3757	0.2525	4.9975	1.1425	5.888	1.5472	13.2573	1.54712
7600	-1.3151	0.3218	5.0056	1.1441	5.951	1.5577	13.3284	1.55756
7700	-1.2562	0.3892	5.0135	1.1458	6.015	1.5680	13.3960	1.56784
7800	-1.1990	0.4549	5.0211	1.1476	6.078	1.5781	13.4602	1.57795
7900	-1.1433	0.5188	5.0286	1.1492	6.140	1.5880	13.5213	1.58790
8000	-1.0891	0.5812	5.0360	1.1509	6.202	1.5979	13.5792	1.59768
8100	-1.0363	0.6420	5.0431	1.1525	6.264	1.6075	13.6343	1.60730
8200	-0.9849	0.7012	5.0501	1.1542	6.326	1.6170	13.6864	1.61674
8300	-0.9348	0.7591	5.0569	1.1558	6.387	1.6263	13.7359	1.62603
8400	-0.8860	0.8155	5.0636	1.1574	6.448	1.6354	13.7828	1.63516
8500	-0.8385	0.8706	5.0702	1.1591	6.509	1.6444	13.8272	1.64414
8600	-0.7921	0.9243	5.0765	1.1607	6.569	1.6533	13.8691	1.65295
8700	-0.7470	0.9768	5.0828	1.1624	6.630	1.6620	13.9087	1.66162
8800	-0.7029	1.0281	5.0889	1.1641	6.690	1.6706	13.9461	1.67014
8900	-0.6599	1.0781	5.0949	1.1658	6.749	1.6790	13.9812	1.67850
9000	-0.6180	1.1270	5.1008	1.1675	6.809	1.6872	14.0144	1.68671
9100	-0.5771	1.1748	5.1066	1.1692	6.868	1.6953	14.0452	1.69477
9200	-0.5372	1.2214	5.1122	1.1708	6.927	1.7033	14.0742	1.70270
9300	-0.4983	1.2671	5.1177	1.1725	6.985	1.7111	14.1011	1.71047
9400	-0.4603	1.3117	5.1232	1.1744	7.044	1.7188	14.1263	1.71811
9500	-0.4232	1.3553	5.1285	1.1761	7.102	1.7264	14.1498	1.72561
9600	-0.3869	1.3979	5.1337	1.1779	7.160	1.7338	14.1715	1.73298
9700	-0.3515	1.4397	5.1388	1.1795	7.218	1.7411	14.1916	1.74022
9800	-0.3169	1.4805	5.1438	1.1813	7.275	1.7483	14.2098	1.74732
9900	-0.2832	1.5204	5.1487	1.1830	7.332	1.7553	14.2266	1.75427
10000	-0.2502	1.5595	5.1536	1.1846	7.388	1.7622	14.2418	1.76108
10100	-0.2179	1.5977	5.1583	1.1835	7.436	1.7690	14.2555	1.76773
10200	-0.1848	1.6368	5.1632	1.1851	7.493	1.7760	14.2761	1.77471
10300	-0.1540	1.6735	5.1678	1.1897	7.558	1.7825	14.2871	1.78114
10400	-0.1239	1.7093	5.1723	1.1917	7.614	1.7889	14.2963	1.78740
10500	-0.0945	1.7444	5.1767	1.1933	7.669	1.7951	14.3041	1.79353
10600	-0.0656	1.7788	5.1810	1.1948	7.724	1.8012	14.3112	1.79957
10700	-0.0374	1.8126	5.1852	1.1968	7.779	1.8072	14.3170	1.80548
10800	-0.0099	1.8456	5.1894	1.1982	7.833	1.8131	14.3212	1.81123
10900	0.0172	1.8781	5.1935	1.1997	7.887	1.8189	14.3251	1.81693
11000	0.0437	1.9098	5.1976	1.2016	7.941	1.8245	14.3275	1.82249
11100	0.0696	1.9410	5.2015	1.2033	7.995	1.8301	14.3288	1.82791

S/R= 45.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	0.0951	1.9716	5.2055	1.2050	8.049	1.8355	14.3298	1.83328
11300	0.1198	2.0015	5.2093	1.2068	8.102	1.8408	14.3289	1.83846
11400	0.1442	2.0310	5.2131	1.2078	8.153	1.8460	14.3278	1.84358
11500	0.1683	2.0600	5.2168	1.2094	8.205	1.8512	14.3264	1.84865
11600	0.1917	2.0884	5.2205	1.2112	8.258	1.8562	14.3233	1.85355
11700	0.2148	2.1163	5.2241	1.2126	8.310	1.8612	14.3199	1.85838
11800	0.2374	2.1437	5.2277	1.2139	8.360	1.8660	14.3157	1.86312
11900	0.2596	2.1708	5.2312	1.2157	8.413	1.8708	14.3114	1.86782
12000	0.2813	2.1972	5.2347	1.2173	8.464	1.8754	14.3055	1.87234
12100	0.3028	2.2233	5.2381	1.2182	8.513	1.8800	14.2998	1.87684
12200	0.3238	2.2490	5.2415	1.2195	8.563	1.8845	14.2933	1.88124
12300	0.3447	2.2744	5.2448	1.2209	8.613	1.8890	14.2869	1.88561
12400	0.3649	2.2992	5.2481	1.2224	8.663	1.8933	14.2792	1.88984
12500	0.3850	2.3237	5.2514	1.2234	8.711	1.8976	14.2718	1.89404
12600	0.4048	2.3479	5.2546	1.2249	8.761	1.9018	14.2636	1.89816
12700	0.4241	2.3716	5.2578	1.2265	8.811	1.9059	14.2550	1.90220
12800	0.4432	2.3950	5.2609	1.2272	8.857	1.9099	14.2458	1.90615
12900	0.4620	2.4182	5.2640	1.2280	8.904	1.9139	14.2370	1.91009
13000	0.4806	2.4410	5.2671	1.2293	8.953	1.9179	14.2278	1.91397
13100	0.4989	2.4635	5.2701	1.2303	9.000	1.9218	14.2182	1.91778
13200	0.5169	2.4856	5.2731	1.2314	9.047	1.9256	14.2082	1.92152
13300	0.5346	2.5075	5.2761	1.2322	9.093	1.9293	14.1982	1.92522
13400	0.5523	2.5292	5.2790	1.2331	9.139	1.9330	14.1884	1.92891
13500	0.5695	2.5505	5.2819	1.2339	9.185	1.9366	14.1779	1.93249
13600	0.5867	2.5717	5.2848	1.2345	9.230	1.9402	14.1676	1.93607
13700	0.6036	2.5926	5.2877	1.2359	9.277	1.9438	14.1571	1.93962
13800	0.6202	2.6132	5.2905	1.2359	9.319	1.9473	14.1467	1.94309
13900	0.6368	2.6336	5.2934	1.2360	9.362	1.9507	14.1364	1.94658
14000	0.6532	2.6538	5.2961	1.2374	9.409	1.9541	14.1260	1.94995
14100	0.6693	2.6738	5.2989	1.2382	9.453	1.9575	14.1153	1.95338
14200	0.6853	2.6936	5.3017	1.2383	9.495	1.9608	14.1050	1.95677
14300	0.7011	2.7132	5.3044	1.2388	9.538	1.9641	14.0946	1.96010
14400	0.7168	2.7326	5.3071	1.2392	9.581	1.9673	14.0842	1.96342
14500	0.7323	2.7518	5.3098	1.2395	9.623	1.9705	14.0739	1.96671
14600	0.7476	2.7708	5.3124	1.2396	9.665	1.9737	14.0635	1.96997
14700	0.7629	2.7898	5.3151	1.2401	9.708	1.9768	14.0538	1.97326
14800	0.7780	2.8085	5.3177	1.2402	9.749	1.9799	14.0436	1.97647
14900	0.7930	2.8271	5.3204	1.2402	9.789	1.9830	14.0340	1.97972
15000	0.8078	2.8455	5.3230	1.2405	9.831	1.9861	14.0244	1.98294

S/R= 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3000	-6.9744	-5.9309	4.1118	1.1431	3.004	1.0064	4.3117	1.00639
3100	-6.8631	-5.8037	4.1411	1.1330	3.046	1.0103	4.4637	1.01030
3200	-6.7339	-5.6584	4.1733	1.1172	3.081	1.0156	4.6578	1.01565
3300	-6.5871	-5.4954	4.2081	1.1062	3.124	1.0225	4.8935	1.02249
3400	-6.4254	-5.3171	4.2446	1.0987	3.173	1.0308	5.1653	1.03076
3500	-6.2523	-5.1274	4.2815	1.0939	3.227	1.0403	5.4630	1.04030
3600	-6.0713	-4.9298	4.3183	1.0908	3.285	1.0509	5.7806	1.05093
3700	-5.8860	-4.7279	4.3541	1.0891	3.346	1.0624	6.1084	1.06242
3800	-5.6987	-4.5240	4.3889	1.0881	3.409	1.0747	6.4433	1.07466
3900	-5.5118	-4.3207	4.4222	1.0878	3.473	1.0875	6.7778	1.08745
4000	-5.3269	-4.1195	4.4538	1.0880	3.539	1.1007	7.1082	1.10068
4100	-5.1449	-3.9215	4.4840	1.0885	3.606	1.1143	7.4338	1.11426

S/R= 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-4.9668	-3.7276	4.5126	1.0893	3.674	1.1281	7.7511	1.12808
4300	-4.7929	-3.5381	4.5399	1.0902	3.742	1.1421	8.0609	1.14211
4400	-4.6241	-3.3540	4.5656	1.0913	3.810	1.1562	8.3588	1.15625
4500	-4.4600	-3.1748	4.5901	1.0925	3.879	1.1705	8.6482	1.17050
4600	-4.3012	-3.0012	4.6134	1.0939	3.948	1.1848	8.9254	1.18476
4700	-4.1474	-2.8329	4.6355	1.0953	4.018	1.1990	9.1923	1.19904
4800	-3.9986	-2.6698	4.6566	1.0967	4.087	1.2133	9.4493	1.21332
4900	-3.8547	-2.5119	4.6768	1.0983	4.156	1.2276	9.6958	1.22757
5000	-3.7159	-2.3592	4.6960	1.1001	4.226	1.2418	9.9311	1.24176
5100	-3.5814	-2.2112	4.7145	1.1017	4.296	1.2561	10.1601	1.25614
5200	-3.4519	-2.0684	4.7320	1.1031	4.365	1.2702	10.3756	1.27016
5300	-3.3267	-1.9303	4.7488	1.1047	4.434	1.2841	10.5818	1.28407
5400	-3.2057	-1.7965	4.7650	1.1063	4.503	1.2979	10.7795	1.29788
5500	-3.0889	-1.6671	4.7805	1.1080	4.572	1.3116	10.9683	1.31157
5600	-2.9758	-1.5418	4.7954	1.1097	4.640	1.3252	11.1492	1.32516
5700	-2.8665	-1.4204	4.8098	1.1113	4.709	1.3386	11.3221	1.33862
5800	-2.7608	-1.3028	4.8237	1.1130	4.777	1.3520	11.4877	1.35197
5900	-2.6584	-1.1888	4.8370	1.1147	4.845	1.3652	11.6459	1.36518
6000	-2.5594	-1.0783	4.8499	1.1165	4.914	1.3783	11.7973	1.37827
6100	-2.4638	-0.9715	4.8624	1.1182	4.981	1.3912	11.9414	1.39118
6200	-2.3712	-0.8679	4.8744	1.1200	5.049	1.4039	12.0792	1.40395
6300	-2.2816	-0.7674	4.8861	1.1218	5.117	1.4166	12.2107	1.41656
6400	-2.1948	-0.6699	4.8974	1.1234	5.183	1.4290	12.3366	1.42902
6500	-2.1107	-0.5754	4.9083	1.1251	5.250	1.4413	12.4566	1.44132
6600	-2.0291	-0.4835	4.9189	1.1268	5.317	1.4535	12.5714	1.45345
6700	-1.9500	-0.3944	4.9292	1.1285	5.383	1.4655	12.6808	1.46543
6800	-1.8733	-0.3078	4.9392	1.1302	5.449	1.4773	12.7853	1.47724
6900	-1.7989	-0.2236	4.9489	1.1320	5.515	1.4889	12.8851	1.48890
7000	-1.7268	-0.1419	4.9584	1.1338	5.580	1.5004	12.9799	1.50038
7100	-1.6568	-0.0624	4.9676	1.1355	5.645	1.5117	13.0706	1.51170
7200	-1.5888	0.0148	4.9765	1.1372	5.710	1.5229	13.1568	1.52286
7300	-1.5228	0.0899	4.9852	1.1390	5.775	1.5339	13.2387	1.53386
7400	-1.4587	0.1629	4.9936	1.1408	5.840	1.5448	13.3168	1.54469
7500	-1.3965	0.2340	5.0019	1.1426	5.904	1.5554	13.3910	1.55535
7600	-1.3360	0.3032	5.0099	1.1443	5.968	1.5659	13.4615	1.56584
7700	-1.2772	0.3705	5.0177	1.1460	6.031	1.5763	13.5283	1.57617
7800	-1.2200	0.4361	5.0254	1.1477	6.094	1.5864	13.5919	1.58632
7900	-1.1644	0.5000	5.0328	1.1494	6.157	1.5965	13.6522	1.59631
8000	-1.1103	0.5622	5.0401	1.1511	6.219	1.6063	13.7093	1.60613
8100	-1.0576	0.6229	5.0472	1.1527	6.281	1.6160	13.7635	1.61578
8200	-1.0063	0.6821	5.0542	1.1544	6.343	1.6255	13.8148	1.62525
8300	-0.9564	0.7398	5.0610	1.1560	6.405	1.6348	13.8635	1.63457
8400	-0.9077	0.7961	5.0676	1.1577	6.466	1.6440	13.9094	1.64373
8500	-0.8603	0.8510	5.0741	1.1594	6.527	1.6530	13.9529	1.65272
8600	-0.8141	0.9046	5.0804	1.1610	6.587	1.6619	13.9939	1.66155
8700	-0.7691	0.9569	5.0867	1.1627	6.648	1.6706	14.0326	1.67023
8800	-0.7251	1.0080	5.0927	1.1644	6.708	1.6792	14.0689	1.67877
8900	-0.6823	1.0579	5.0987	1.1662	6.768	1.6876	14.1032	1.68714
9000	-0.6406	1.1067	5.1045	1.1679	6.827	1.6958	14.1351	1.69536
9100	-0.5998	1.1542	5.1103	1.1696	6.886	1.7039	14.1649	1.70341
9200	-0.5601	1.2008	5.1159	1.1713	6.945	1.7119	14.1929	1.71134
9300	-0.5213	1.2462	5.1213	1.1730	7.004	1.7197	14.2188	1.71911
9400	-0.4835	1.2906	5.1267	1.1748	7.063	1.7274	14.2428	1.72674
9500	-0.4466	1.3340	5.1320	1.1765	7.121	1.7350	14.2651	1.73423
9600	-0.4105	1.3765	5.1372	1.1784	7.179	1.7424	14.2857	1.74158

S/R= 46.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	-0.3753	1.4181	5.1423	1.1800	7.237	1.7497	14.3046	1.74880
9800	-0.3409	1.4587	5.1472	1.1818	7.294	1.7558	14.3219	1.75589
9900	-0.3073	1.4984	5.1521	1.1835	7.351	1.7638	14.3375	1.76282
10000	-0.2744	1.5373	5.1569	1.1851	7.408	1.7707	14.3515	1.76960
10100	-0.2424	1.5753	5.1616	1.1841	7.456	1.7774	14.3640	1.77623
10200	-0.2095	1.6142	5.1665	1.1857	7.512	1.7844	14.3833	1.78318
10300	-0.1789	1.6506	5.1710	1.1903	7.577	1.7909	14.3931	1.78957
10400	-0.1489	1.6863	5.1754	1.1924	7.634	1.7972	14.4013	1.79580
10500	-0.1198	1.7211	5.1798	1.1939	7.689	1.8034	14.4078	1.80190
10600	-0.0910	1.7554	5.1841	1.1955	7.743	1.8094	14.4137	1.80790
10700	-0.0631	1.7889	5.1883	1.1974	7.799	1.8154	14.4183	1.81377
10800	-0.0357	1.8217	5.1924	1.1989	7.853	1.8212	14.4214	1.81948
10900	-0.0088	1.8540	5.1965	1.2004	7.906	1.8269	14.4240	1.82514
11000	0.0175	1.8856	5.2005	1.2023	7.961	1.8325	14.4254	1.83065
11100	0.0432	1.9165	5.2045	1.2040	8.015	1.8380	14.4256	1.83603
11200	0.0685	1.9470	5.2083	1.2057	8.068	1.8434	14.4253	1.84136
11300	0.0931	1.9766	5.2121	1.2075	8.122	1.8486	14.4232	1.84649
11400	0.1173	2.0059	5.2159	1.2085	8.172	1.8538	14.4209	1.85156
11500	0.1412	2.0348	5.2196	1.2102	8.225	1.8589	14.4183	1.85658
11600	0.1644	2.0629	5.2233	1.2119	8.278	1.8639	14.4142	1.86143
11700	0.1874	2.0907	5.2268	1.2132	8.329	1.8687	14.4098	1.86622
11800	0.2098	2.1179	5.2304	1.2146	8.380	1.8735	14.4045	1.87092
11900	0.2319	2.1448	5.2339	1.2164	8.432	1.8783	14.3991	1.87556
12000	0.2535	2.1710	5.2373	1.2179	8.483	1.8828	14.3923	1.88004
12100	0.2747	2.1970	5.2407	1.2189	8.532	1.8873	14.3854	1.88448
12200	0.2956	2.2225	5.2441	1.2202	8.582	1.8918	14.3779	1.88883
12300	0.3163	2.2477	5.2474	1.2216	8.632	1.8962	14.3705	1.89315
12400	0.3364	2.2723	5.2506	1.2230	8.681	1.9004	14.3619	1.89733
12500	0.3564	2.2967	5.2539	1.2239	8.729	1.9046	14.3533	1.90148
12600	0.3760	2.3207	5.2571	1.2253	8.778	1.9088	14.3443	1.90556
12700	0.3952	2.3443	5.2602	1.2269	8.828	1.9128	14.3350	1.90956
12800	0.4142	2.3675	5.2633	1.2277	8.875	1.9168	14.3250	1.91347
12900	0.4329	2.3906	5.2664	1.2295	8.922	1.9207	14.3152	1.91737
13000	0.4514	2.4132	5.2694	1.2298	8.970	1.9246	14.3051	1.92120
13100	0.4695	2.4356	5.2724	1.2307	9.017	1.9284	14.2946	1.92497
13200	0.4874	2.4576	5.2754	1.2318	9.064	1.9321	14.2840	1.92867
13300	0.5051	2.4794	5.2784	1.2326	9.110	1.9358	14.2731	1.93232
13400	0.5226	2.5010	5.2813	1.2334	9.155	1.9394	14.2625	1.93597
13500	0.5398	2.5222	5.2842	1.2341	9.201	1.9430	14.2512	1.93951
13600	0.5568	2.5432	5.2871	1.2347	9.245	1.9465	14.2403	1.94306
13700	0.5736	2.5640	5.2899	1.2358	9.292	1.9500	14.2292	1.94657
13800	0.5903	2.5845	5.2927	1.2359	9.334	1.9534	14.2181	1.95003
13900	0.6068	2.6049	5.2955	1.2361	9.377	1.9568	14.2072	1.95350
14000	0.6230	2.6251	5.2983	1.2375	9.423	1.9601	14.1962	1.95684
14100	0.6391	2.6449	5.3011	1.2381	9.467	1.9635	14.1850	1.96024
14200	0.6550	2.6646	5.3038	1.2382	9.509	1.9667	14.1740	1.96359
14300	0.6708	2.6842	5.3065	1.2388	9.553	1.9700	14.1631	1.96691
14400	0.6864	2.7035	5.3092	1.2391	9.595	1.9731	14.1522	1.97019
14500	0.7018	2.7226	5.3119	1.2392	9.636	1.9763	14.1413	1.97346
14600	0.7171	2.7416	5.3145	1.2393	9.678	1.9794	14.1306	1.97670
14700	0.7324	2.7605	5.3172	1.2398	9.720	1.9825	14.1204	1.97997
14800	0.7474	2.7791	5.3198	1.2399	9.761	1.9855	14.1097	1.98317
14900	0.7624	2.7977	5.3224	1.2399	9.802	1.9886	14.0997	1.98640
15000	0.7772	2.8161	5.3250	1.2401	9.843	1.9916	14.0897	1.98961

S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3100	-6.9352	-5.8754	4.1443	1.1206	3.031	1.0112	4.4969	1.01118
3200	-6.8007	-5.7246	4.1775	1.1139	3.079	1.0169	4.7028	1.01689
3300	-6.6484	-5.5560	4.2132	1.1036	3.123	1.0241	4.9507	1.02411
3400	-6.4814	-5.3723	4.2503	1.0967	3.173	1.0328	5.2342	1.03278
3500	-6.3035	-5.1776	4.2878	1.0923	3.229	1.0427	5.5426	1.04269
3600	-6.1183	-4.9757	4.3249	1.0896	3.288	1.0537	5.8696	1.05368
3700	-5.9293	-4.7699	4.3610	1.0881	3.349	1.0655	6.2055	1.06551
3800	-5.7388	-4.5628	4.3958	1.0873	3.413	1.0780	6.5473	1.07805
3900	-5.5492	-4.3567	4.4291	1.0872	3.478	1.0911	6.8876	1.09112
4000	-5.3620	-4.1532	4.4608	1.0874	3.545	1.1046	7.2229	1.10461
4100	-5.1781	-3.9531	4.4909	1.0880	3.612	1.1184	7.5527	1.11843
4200	-4.9983	-3.7575	4.5194	1.0888	3.680	1.1325	7.8735	1.13248
4300	-4.8230	-3.5665	4.5466	1.0898	3.749	1.1467	8.1863	1.14672
4400	-4.6530	-3.3811	4.5722	1.0910	3.818	1.1611	8.4867	1.16106
4500	-4.4877	-3.2007	4.5966	1.0922	3.887	1.1755	8.7782	1.17550
4600	-4.3280	-3.0261	4.6198	1.0936	3.957	1.1899	9.0574	1.18994
4700	-4.1734	-2.8569	4.6418	1.0951	4.026	1.2044	9.3260	1.20439
4800	-4.0238	-2.6930	4.6628	1.0965	4.096	1.2188	9.5841	1.21884
4900	-3.8793	-2.5345	4.6828	1.0981	4.166	1.2332	9.8318	1.23324
5000	-3.7399	-2.3812	4.7019	1.0999	4.236	1.2476	10.0682	1.24759
5100	-3.6049	-2.2326	4.7203	1.1016	4.306	1.2621	10.2979	1.26211
5200	-3.4749	-2.0894	4.7378	1.1030	4.375	1.2763	10.5140	1.27627
5300	-3.3494	-1.9508	4.7545	1.1046	4.444	1.2903	10.7208	1.29031
5400	-3.2281	-1.8167	4.7706	1.1062	4.514	1.3043	10.9188	1.30425
5500	-3.1109	-1.6870	4.7860	1.1079	4.583	1.3181	11.1081	1.31807
5600	-2.9976	-1.5614	4.8009	1.1095	4.652	1.3318	11.2893	1.33178
5700	-2.8881	-1.4398	4.8151	1.1112	4.721	1.3454	11.4623	1.34536
5800	-2.7821	-1.3219	4.8289	1.1129	4.789	1.3588	11.6279	1.35882
5900	-2.6796	-1.2078	4.8422	1.1146	4.858	1.3722	11.7861	1.37215
6000	-2.5804	-1.0971	4.8551	1.1164	4.926	1.3853	11.9375	1.38534
6100	-2.4847	-0.9901	4.8675	1.1182	4.994	1.3984	12.0815	1.39835
6200	-2.3920	-0.8864	4.8794	1.1200	5.062	1.4112	12.2191	1.41122
6300	-2.3023	-0.7859	4.8910	1.1218	5.130	1.4239	12.3504	1.42392
6400	-2.2154	-0.6883	4.9023	1.1234	5.197	1.4365	12.4760	1.43647
6500	-2.1312	-0.5937	4.9131	1.1251	5.264	1.4489	12.5956	1.44886
6600	-2.0496	-0.5018	4.9237	1.1268	5.331	1.4611	12.7100	1.46107
6700	-1.9705	-0.4126	4.9339	1.1285	5.397	1.4732	12.8191	1.47314
6800	-1.8939	-0.3260	4.9439	1.1303	5.463	1.4851	12.9232	1.48502
6900	-1.8195	-0.2419	4.9535	1.1320	5.529	1.4968	13.0224	1.49675
7000	-1.7473	-0.1601	4.9629	1.1338	5.595	1.5083	13.1168	1.50830
7100	-1.6773	-0.0807	4.9721	1.1356	5.661	1.5197	13.2068	1.51969
7200	-1.6094	-0.0035	4.9809	1.1373	5.726	1.5310	13.2925	1.53091
7300	-1.5435	0.0715	4.9896	1.1391	5.791	1.5420	13.3737	1.54197
7400	-1.4794	0.1445	4.9980	1.1409	5.855	1.5529	13.4512	1.55286
7500	-1.4173	0.2155	5.0062	1.1427	5.920	1.5637	13.5247	1.56357
7600	-1.3569	0.2846	5.0142	1.1444	5.984	1.5742	13.5944	1.57411
7700	-1.2981	0.3519	5.0220	1.1461	6.047	1.5846	13.6605	1.58448
7800	-1.2410	0.4174	5.0296	1.1479	6.111	1.5948	13.7233	1.59468
7900	-1.1855	0.4811	5.0370	1.1496	6.174	1.6048	13.7828	1.60470
8000	-1.1315	0.5433	5.0442	1.1513	6.236	1.6147	13.8390	1.61455
8100	-1.0789	0.6038	5.0513	1.1529	6.298	1.6244	13.8924	1.62424
8200	-1.0278	0.6629	5.0582	1.1547	6.360	1.6339	13.9429	1.63374
8300	-0.9780	0.7204	5.0649	1.1563	6.422	1.6433	13.9905	1.64308
8400	-0.9294	0.7766	5.0715	1.1579	6.483	1.6525	14.0356	1.65226
8500	-0.8822	0.8314	5.0780	1.1597	6.544	1.6615	14.0781	1.66127

S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-0.8361	0.8848	5.0843	1.1613	6.605	1.6704	14.1181	1.67012
8700	-0.7912	0.9370	5.0905	1.1631	6.666	1.6791	14.1558	1.67881
8800	-0.7474	0.9880	5.0965	1.1648	6.726	1.6877	14.1911	1.68735
8900	-0.7048	1.0377	5.1024	1.1665	6.786	1.6961	14.2243	1.69573
9000	-0.6632	1.0862	5.1082	1.1683	6.846	1.7044	14.2552	1.70395
9100	-0.6226	1.1337	5.1139	1.1700	6.905	1.7125	14.2840	1.71200
9200	-0.5831	1.1800	5.1195	1.1717	6.964	1.7205	14.3107	1.71992
9300	-0.5444	1.2252	5.1249	1.1734	7.023	1.7283	14.3356	1.72768
9400	-0.5068	1.2695	5.1302	1.1752	7.082	1.7359	14.3585	1.73530
9500	-0.4700	1.3127	5.1355	1.1770	7.140	1.7435	14.3797	1.74278
9600	-0.4342	1.3550	5.1406	1.1789	7.198	1.7509	14.3991	1.75012
9700	-0.3991	1.3963	5.1456	1.1806	7.256	1.7581	14.4169	1.75731
9800	-0.3649	1.4367	5.1506	1.1823	7.313	1.7652	14.4328	1.76437
9900	-0.3315	1.4763	5.1554	1.1841	7.371	1.7722	14.4474	1.77128
10000	-0.2988	1.5149	5.1602	1.1857	7.427	1.7790	14.4602	1.77804
10100	-0.2670	1.5527	5.1648	1.1847	7.475	1.7857	14.4714	1.78464
10200	-0.2343	1.5914	5.1697	1.1864	7.532	1.7927	14.4894	1.79155
10300	-0.2039	1.6276	5.1741	1.1910	7.597	1.7991	14.4980	1.79790
10400	-0.1741	1.6631	5.1786	1.1930	7.653	1.8054	14.5050	1.80410
10500	-0.1451	1.6977	5.1829	1.1946	7.708	1.8115	14.5104	1.81016
10600	-0.1166	1.7317	5.1871	1.1962	7.763	1.8175	14.5149	1.81612
10700	-0.0888	1.7650	5.1913	1.1982	7.819	1.8234	14.5183	1.82194
10800	-0.0617	1.7976	5.1954	1.1996	7.872	1.8292	14.5202	1.82761
10900	-0.0349	1.8297	5.1994	1.2010	7.925	1.8349	14.5216	1.83322
11000	-0.0088	1.8611	5.2034	1.2030	7.980	1.8404	14.5219	1.83869
11100	0.0167	1.8918	5.2073	1.2047	8.034	1.8458	14.5209	1.84403
11200	0.0418	1.9221	5.2112	1.2064	8.087	1.8512	14.5195	1.84930
11300	0.0662	1.9515	5.2149	1.2082	8.141	1.8563	14.5161	1.85438
11400	0.0902	1.9806	5.2186	1.2093	8.192	1.8614	14.5125	1.85940
11500	0.1139	2.0092	5.2223	1.2109	8.244	1.8665	14.5089	1.86437
11600	0.1370	2.0372	5.2259	1.2127	8.297	1.8714	14.5036	1.86916
11700	0.1597	2.0648	5.2295	1.2140	8.348	1.8762	14.4979	1.87390
11800	0.1820	2.0918	5.2330	1.2152	8.398	1.8809	14.4917	1.87855
11900	0.2040	2.1186	5.2365	1.2169	8.450	1.8856	14.4853	1.88315
12000	0.2254	2.1446	5.2399	1.2186	8.502	1.8900	14.4775	1.88757
12100	0.2465	2.1704	5.2432	1.2196	8.551	1.8945	14.4696	1.89197
12200	0.2672	2.1957	5.2466	1.2209	8.600	1.8988	14.4609	1.89626
12300	0.2877	2.2207	5.2498	1.2223	8.650	1.9032	14.4525	1.90053
12400	0.3077	2.2452	5.2531	1.2237	8.699	1.9073	14.4428	1.90466
12500	0.3275	2.2694	5.2563	1.2246	8.747	1.9115	14.4334	1.90876
12600	0.3470	2.2932	5.2594	1.2259	8.796	1.9156	14.4234	1.91278
12700	0.3661	2.3167	5.2626	1.2273	8.845	1.9195	14.4132	1.91674
12800	0.3849	2.3398	5.2656	1.2281	8.892	1.9234	14.4024	1.92061
12900	0.4036	2.3627	5.2687	1.2289	8.938	1.9273	14.3919	1.92447
13000	0.4219	2.3853	5.2717	1.2302	8.987	1.9311	14.3809	1.92826
13100	0.4400	2.4075	5.2747	1.2311	9.033	1.9349	14.3697	1.93199
13200	0.4578	2.4294	5.2777	1.2321	9.080	1.9385	14.3581	1.93564
13300	0.4753	2.4510	5.2806	1.2329	9.126	1.9421	14.3464	1.93925
13400	0.4927	2.4725	5.2835	1.2336	9.171	1.9457	14.3352	1.94286
13500	0.5098	2.4936	5.2864	1.2344	9.216	1.9492	14.3232	1.94637
13600	0.5268	2.5145	5.2892	1.2349	9.261	1.9526	14.3114	1.94987
13700	0.5435	2.5352	5.2921	1.2359	9.306	1.9561	14.2998	1.95335
13800	0.5600	2.5557	5.2949	1.2359	9.348	1.9594	14.2881	1.95678
13900	0.5765	2.5760	5.2976	1.2360	9.390	1.9628	14.2768	1.96022
14000	0.5927	2.5961	5.3004	1.2373	9.437	1.9661	14.2652	1.96355

S/R= 46.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14100	0.6087	2.6158	5.3031	1.2380	9.481	1.9693	14.2534	1.96692
14200	0.6246	2.6355	5.3059	1.2382	9.523	1.9725	14.2420	1.97025
14300	0.6403	2.6550	5.3086	1.2387	9.566	1.9757	14.2304	1.97354
14400	0.6559	2.6742	5.3112	1.2389	9.608	1.9788	14.2190	1.97680
14500	0.6713	2.6933	5.3139	1.2390	9.649	1.9819	14.2077	1.98005
14600	0.6865	2.7122	5.3165	1.2390	9.690	1.9850	14.1965	1.98327
14700	0.7017	2.7311	5.3192	1.2395	9.733	1.9880	14.1858	1.98653
14800	0.7167	2.7497	5.3218	1.2396	9.773	1.9910	14.1749	1.98971
14900	0.7317	2.7682	5.3244	1.2395	9.813	1.9940	14.1644	1.99293
15000	0.7465	2.7865	5.3270	1.2396	9.854	1.9970	14.1541	1.99612

S/R= 46.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-6.8663	-5.7897	4.1819	1.1052	3.069	1.0182	4.7504	1.01820
3300	-6.7085	-5.6153	4.2184	1.1011	3.122	1.0258	5.0107	1.02581
3400	-6.5362	-5.4262	4.2562	1.0949	3.174	1.0349	5.3059	1.03487
3500	-6.3535	-5.2267	4.2942	1.0909	3.230	1.0452	5.6248	1.04517
3600	-6.1641	-5.0204	4.3316	1.0885	3.290	1.0565	5.9610	1.05650
3700	-5.9716	-4.8110	4.3679	1.0871	3.353	1.0687	6.3048	1.06866
3800	-5.7780	-4.6006	4.4028	1.0866	3.417	1.0815	6.6532	1.08150
3900	-5.5859	-4.3918	4.4361	1.0865	3.483	1.0948	6.9991	1.09485
4000	-5.3964	-4.1860	4.4677	1.0869	3.550	1.1086	7.3393	1.10860
4100	-5.2106	-3.9840	4.4978	1.0876	3.618	1.1227	7.6731	1.12266
4200	-5.0293	-3.7867	4.5262	1.0884	3.687	1.1369	7.9972	1.13693
4300	-4.8525	-3.5942	4.5532	1.0895	3.756	1.1514	8.3127	1.15138
4400	-4.6813	-3.4076	4.5787	1.0907	3.825	1.1659	8.6157	1.16591
4500	-4.5150	-3.2261	4.6031	1.0919	3.895	1.1805	8.9094	1.18053
4600	-4.3543	-3.0505	4.6261	1.0934	3.965	1.1952	9.1904	1.19516
4700	-4.1989	-2.8805	4.6480	1.0948	4.035	1.2098	9.4605	1.20978
4800	-4.0487	-2.7159	4.6689	1.0963	4.105	1.2244	9.7197	1.22438
4900	-3.9035	-2.5567	4.6888	1.0979	4.175	1.2389	9.9686	1.23895
5000	-3.7635	-2.4029	4.7078	1.0997	4.245	1.2534	10.2059	1.25344
5100	-3.6281	-2.2537	4.7261	1.1014	4.316	1.2681	10.4363	1.26811
5200	-3.4977	-2.1101	4.7435	1.1028	4.385	1.2824	10.6530	1.28240
5300	-3.3718	-1.9711	4.7601	1.1045	4.455	1.2966	10.8605	1.29658
5400	-3.2502	-1.8367	4.7761	1.1061	4.525	1.3106	11.0587	1.31065
5500	-3.1327	-1.7067	4.7914	1.1077	4.594	1.3246	11.2483	1.32459
5600	-3.0192	-1.5808	4.8062	1.1095	4.663	1.3384	11.4297	1.33842
5700	-2.9094	-1.4589	4.8204	1.1112	4.732	1.3521	11.6028	1.35212
5800	-2.8032	-1.3408	4.8342	1.1129	4.801	1.3657	11.7686	1.36569
5900	-2.7006	-1.2265	4.8474	1.1146	4.870	1.3791	11.9266	1.37912
6000	-2.6012	-1.1157	4.8601	1.1164	4.939	1.3924	12.0780	1.39242
6100	-2.5054	-1.0086	4.8725	1.1182	5.007	1.4055	12.2218	1.40553
6200	-2.4126	-0.9048	4.8844	1.1200	5.075	1.4185	12.3592	1.41850
6300	-2.3228	-0.8042	4.8959	1.1218	5.143	1.4313	12.4903	1.43129
6400	-2.2359	-0.7066	4.9071	1.1234	5.210	1.4439	12.6155	1.44393
6500	-2.1517	-0.6119	4.9179	1.1251	5.278	1.4564	12.7348	1.45640
6600	-2.0701	-0.5200	4.9284	1.1268	5.345	1.4687	12.8487	1.46871
6700	-1.9909	-0.4307	4.9386	1.1286	5.411	1.4809	12.9575	1.48084
6800	-1.9143	-0.3441	4.9485	1.1304	5.478	1.4928	13.0610	1.49281
6900	-1.8399	-0.2600	4.9581	1.1321	5.544	1.5046	13.1597	1.50460
7000	-1.7678	-0.1783	4.9674	1.1339	5.610	1.5163	13.2535	1.51622
7100	-1.6978	-0.0989	4.9765	1.1357	5.676	1.5277	13.3430	1.52768
7200	-1.6299	-0.0218	4.9853	1.1374	5.741	1.5390	13.4280	1.53896

S/R= 46.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-1.5640	0.0532	4.9939	1.1393	5.806	1.5501	13.5087	1.55007
7400	-1.5001	0.1262	5.0023	1.1411	5.871	1.5611	13.5853	1.56101
7500	-1.4380	0.1971	5.0105	1.1429	5.936	1.5719	13.6582	1.57178
7600	-1.3776	0.2661	5.0184	1.1446	6.000	1.5825	13.7271	1.58236
7700	-1.3190	0.3333	5.0261	1.1463	6.064	1.5929	13.7925	1.59278
7800	-1.2620	0.3986	5.0337	1.1481	6.127	1.6031	13.8544	1.60302
7900	-1.2066	0.4623	5.0410	1.1498	6.190	1.6132	13.9130	1.61307
8000	-1.1527	0.5243	5.0482	1.1515	6.253	1.6231	13.9684	1.62296
8100	-1.1003	0.5848	5.0553	1.1532	6.315	1.6328	14.0209	1.63267
8200	-1.0492	0.6437	5.0621	1.1549	6.378	1.6424	14.0704	1.64220
8300	-0.9995	0.7011	5.0688	1.1565	6.439	1.6518	14.1172	1.65155
8400	-0.9511	0.7571	5.0754	1.1582	6.501	1.6610	14.1612	1.66075
8500	-0.9040	0.8117	5.0818	1.1600	6.562	1.6700	14.2027	1.66979
8600	-0.8581	0.8650	5.0881	1.1617	6.623	1.6789	14.2417	1.67865
8700	-0.8134	0.9170	5.0942	1.1635	6.684	1.6877	14.2784	1.68734
8800	-0.7698	0.9678	5.1002	1.1651	6.744	1.6962	14.3126	1.69588
8900	-0.7273	1.0174	5.1061	1.1669	6.804	1.7047	14.3447	1.70426
9000	-0.6858	1.0657	5.1118	1.1687	6.864	1.7129	14.3746	1.71248
9100	-0.6454	1.1130	5.1175	1.1704	6.923	1.7210	14.4022	1.72053
9200	-0.6061	1.1591	5.1230	1.1722	6.983	1.7289	14.4278	1.72844
9300	-0.5676	1.2042	5.1284	1.1739	7.041	1.7367	14.4515	1.73619
9400	-0.5302	1.2482	5.1337	1.1758	7.100	1.7444	14.4733	1.74380
9500	-0.4936	1.2912	5.1389	1.1775	7.159	1.7519	14.4932	1.75126
9600	-0.4579	1.3333	5.1440	1.1794	7.217	1.7593	14.5115	1.75857
9700	-0.4231	1.3744	5.1490	1.1811	7.275	1.7665	14.5280	1.76575
9800	-0.3890	1.4146	5.1539	1.1829	7.332	1.7736	14.5428	1.77277
9900	-0.3558	1.4540	5.1587	1.1847	7.390	1.7805	14.5561	1.77966
10000	-0.3234	1.4924	5.1634	1.1863	7.446	1.7873	14.5677	1.78638
10100	-0.2917	1.5300	5.1680	1.1954	7.494	1.7939	14.5776	1.79294
10200	-0.2593	1.5684	5.1728	1.1870	7.551	1.8009	14.5943	1.79981
10300	-0.2290	1.6044	5.1772	1.1916	7.616	1.8072	14.6017	1.80613
10400	-0.1995	1.6396	5.1816	1.1936	7.673	1.8135	14.6073	1.81229
10500	-0.1707	1.6740	5.1859	1.1953	7.728	1.8195	14.6115	1.81830
10600	-0.1424	1.7079	5.1901	1.1969	7.782	1.8255	14.6149	1.82422
10700	-0.1148	1.7409	5.1942	1.1989	7.838	1.8314	14.6169	1.82999
10800	-0.0878	1.7733	5.1983	1.2004	7.892	1.8371	14.6176	1.83562
10900	-0.0613	1.8052	5.2023	1.2018	7.945	1.8427	14.6177	1.84117
11000	-0.0354	1.8363	5.2062	1.2037	8.000	1.8482	14.6167	1.84659
11100	-0.0101	1.8669	5.2101	1.2054	8.053	1.8535	14.6145	1.85188
11200	0.0149	1.8969	5.2139	1.2071	8.107	1.8588	14.6120	1.85711
11300	0.0391	1.9262	5.2177	1.2090	8.160	1.8639	14.6074	1.86213
11400	0.0629	1.9550	5.2213	1.2101	8.211	1.8689	14.6028	1.86710
11500	0.0864	1.9835	5.2250	1.2117	8.263	1.8739	14.5978	1.87201
11600	0.1093	2.0112	5.2286	1.2135	8.316	1.8787	14.5913	1.87675
11700	0.1319	2.0386	5.2321	1.2148	8.367	1.8834	14.5846	1.88143
11800	0.1540	2.0655	5.2356	1.2160	8.417	1.8881	14.5773	1.88602
11900	0.1758	2.0920	5.2390	1.2175	8.468	1.8927	14.5698	1.89057
12000	0.1970	2.1179	5.2424	1.2191	8.519	1.8971	14.5609	1.89495
12100	0.2180	2.1435	5.2457	1.2204	8.569	1.9015	14.5521	1.89929
12200	0.2386	2.1686	5.2490	1.2215	8.618	1.9058	14.5424	1.90353
12300	0.2589	2.1935	5.2523	1.2230	8.668	1.9100	14.5330	1.90774
12400	0.2788	2.2178	5.2555	1.2243	8.717	1.9141	14.5223	1.91182
12500	0.2984	2.2418	5.2586	1.2251	8.764	1.9182	14.5119	1.91586
12600	0.3177	2.2655	5.2618	1.2266	8.814	1.9222	14.5009	1.91983
12700	0.3367	2.2888	5.2649	1.2279	8.863	1.9261	14.4897	1.92374

S/R= 46.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	0.3554	2.3118	5.2679	1.2286	8.909	1.9300	14.4782	1.92757
12900	0.3740	2.3346	5.2710	1.2292	8.955	1.9338	14.4667	1.93139
13000	0.3922	2.3570	5.2740	1.2304	9.002	1.9375	14.4551	1.93514
13100	0.4102	2.3791	5.2769	1.2314	9.049	1.9412	14.4431	1.93883
13200	0.4279	2.4009	5.2799	1.2324	9.096	1.9448	14.4309	1.94244
13300	0.4453	2.4224	5.2828	1.2332	9.141	1.9483	14.4183	1.94601
13400	0.4626	2.4438	5.2857	1.2338	9.186	1.9518	14.4064	1.94958
13500	0.4796	2.4648	5.2885	1.2345	9.231	1.9552	14.3936	1.95305
13600	0.4965	2.4856	5.2913	1.2351	9.275	1.9587	14.3815	1.95652
13700	0.5132	2.5062	5.2942	1.2360	9.321	1.9620	14.3691	1.95996
13800	0.5297	2.5266	5.2969	1.2360	9.363	1.9653	14.3568	1.96336
13900	0.5461	2.5468	5.2997	1.2360	9.404	1.9686	14.3447	1.96677
14000	0.5622	2.5668	5.3025	1.2372	9.451	1.9718	14.3327	1.97007
14100	0.5782	2.5866	5.3052	1.2378	9.494	1.9751	14.3204	1.97343
14200	0.5940	2.6062	5.3079	1.2379	9.536	1.9782	14.3085	1.97675
14300	0.6097	2.6256	5.3106	1.2384	9.579	1.9813	14.2966	1.98002
14400	0.6252	2.6448	5.3132	1.2388	9.621	1.9844	14.2846	1.98326
14500	0.6406	2.6638	5.3159	1.2389	9.662	1.9874	14.2730	1.98649
14600	0.6558	2.6827	5.3185	1.2387	9.702	1.9904	14.2613	1.98969
14700	0.6710	2.7015	5.3211	1.2390	9.744	1.9935	14.2502	1.99292
14800	0.6859	2.7200	5.3237	1.2392	9.785	1.9964	14.2388	1.99609
14900	0.7008	2.7385	5.3263	1.2391	9.825	1.9993	14.2280	1.99930
15000	0.7157	2.7569	5.3289	1.2390	9.865	2.0022	14.2174	2.00248

S/R= 46.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-6.9306	-5.8535	4.1865	1.1026	3.067	1.0196	4.8008	1.01959
3300	-6.7673	-5.6733	4.2238	1.0989	3.122	1.0276	5.0735	1.02760
3400	-6.5897	-5.4788	4.2623	1.0931	3.175	1.0370	5.3804	1.03705
3500	-6.4024	-5.2745	4.3007	1.0895	3.232	1.0477	5.7096	1.04772
3600	-6.2089	-5.0640	4.3384	1.0874	3.293	1.0594	6.0548	1.05940
3700	-6.0129	-4.8510	4.3748	1.0863	3.356	1.0719	6.4062	1.07188
3800	-5.8164	-4.6376	4.4098	1.0858	3.422	1.0850	6.7611	1.08502
3900	-5.6217	-4.4262	4.4431	1.0859	3.488	1.0986	7.1124	1.09864
4000	-5.4301	-4.2181	4.4746	1.0864	3.556	1.1126	7.4571	1.11264
4100	-5.2425	-4.0142	4.5046	1.0871	3.624	1.1269	7.7947	1.12693
4200	-5.0596	-3.8153	4.5329	1.0880	3.693	1.1414	8.1221	1.14142
4300	-4.8815	-3.6214	4.5598	1.0891	3.763	1.1561	8.4405	1.15608
4400	-4.7091	-3.4335	4.5853	1.0904	3.833	1.1708	8.7458	1.17080
4500	-4.5418	-3.2510	4.6095	1.0917	3.903	1.1856	9.0416	1.18561
4600	-4.3802	-3.0745	4.6324	1.0931	3.973	1.2004	9.3243	1.20041
4700	-4.2240	-2.9037	4.6542	1.0946	4.043	1.2152	9.5957	1.21520
4800	-4.0731	-2.7384	4.6749	1.0961	4.114	1.2300	9.8561	1.22996
4900	-3.9274	-2.5785	4.6948	1.0977	4.184	1.2447	10.1060	1.24468
5000	-3.7869	-2.4242	4.7137	1.0996	4.255	1.2593	10.3443	1.25932
5100	-3.6510	-2.2746	4.7319	1.1013	4.326	1.2741	10.5753	1.27413
5200	-3.5202	-2.1305	4.7491	1.1027	4.396	1.2886	10.7926	1.28856
5300	-3.3939	-1.9911	4.7657	1.1043	4.466	1.3029	11.0006	1.30287
5400	-3.2720	-1.8564	4.7816	1.1060	4.535	1.3171	11.1991	1.31707
5500	-3.1543	-1.7261	4.7968	1.1077	4.605	1.3311	11.3890	1.33113
5600	-3.0405	-1.5999	4.8115	1.1094	4.675	1.3451	11.5705	1.34508
5700	-2.9305	-1.4779	4.8257	1.1111	4.744	1.3589	11.7437	1.35889
5800	-2.8242	-1.3596	4.8393	1.1128	4.813	1.3726	11.9094	1.37257
5900	-2.7214	-1.2451	4.8525	1.1145	4.882	1.3861	12.0675	1.38612

S/R= 46.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-2.6219	-1.1342	4.8652	1.1164	4.951	1.3995	12.2187	1.39952
6100	-2.5260	-1.0270	4.8774	1.1182	5.020	1.4127	12.3623	1.41273
6200	-2.4331	-0.9230	4.8893	1.1200	5.088	1.4258	12.4995	1.42579
6300	-2.3432	-0.8223	4.9008	1.1217	5.156	1.4387	12.6303	1.43867
6400	-2.2562	-0.7247	4.9119	1.1234	5.224	1.4514	12.7551	1.45140
6500	-2.1720	-0.6299	4.9226	1.1252	5.291	1.4640	12.8741	1.46396
6600	-2.0903	-0.5380	4.9331	1.1269	5.358	1.4764	12.9876	1.47634
6700	-2.0112	-0.4488	4.9432	1.1286	5.425	1.4886	13.0958	1.48855
6800	-1.9345	-0.3622	4.9530	1.1304	5.492	1.5006	13.1988	1.50059
6900	-1.8602	-0.2781	4.9626	1.1322	5.559	1.5125	13.2970	1.51246
7000	-1.7881	-0.1964	4.9719	1.1340	5.625	1.5242	13.3902	1.52414
7100	-1.7182	-0.1170	4.9809	1.1358	5.691	1.5357	13.4791	1.53566
7200	-1.6504	-0.0399	4.9897	1.1375	5.756	1.5471	13.5634	1.54700
7300	-1.5845	0.0350	4.9982	1.1394	5.822	1.5582	13.6434	1.55817
7400	-1.5206	0.1079	5.0066	1.1412	5.887	1.5692	13.7194	1.56916
7500	-1.4586	0.1787	5.0147	1.1430	5.952	1.5800	13.7914	1.57998
7600	-1.3984	0.2476	5.0226	1.1448	6.016	1.5907	13.8596	1.59060
7700	-1.3398	0.3147	5.0303	1.1465	6.080	1.6012	13.9241	1.60105
7800	-1.2830	0.3800	5.0378	1.1483	6.144	1.6114	13.9852	1.61133
7900	-1.2277	0.4435	5.0451	1.1500	6.207	1.6215	14.0430	1.62142
8000	-1.1739	0.5054	5.0522	1.1517	6.270	1.6315	14.0975	1.63133
8100	-1.1216	0.5657	5.0592	1.1535	6.332	1.6412	14.1490	1.64107
8200	-1.0707	0.6245	5.0660	1.1552	6.395	1.6508	14.1976	1.65063
8300	-1.0211	0.6817	5.0727	1.1568	6.456	1.6602	14.2433	1.66000
8400	-0.9729	0.7376	5.0792	1.1585	6.518	1.6694	14.2863	1.66921
8500	-0.9259	0.7920	5.0856	1.1603	6.579	1.6785	14.3269	1.67826
8600	-0.8801	0.8452	5.0918	1.1620	6.641	1.6874	14.3648	1.68713
8700	-0.8356	0.8970	5.0979	1.1638	6.701	1.6961	14.4003	1.69582
8800	-0.7921	0.9476	5.1039	1.1655	6.762	1.7047	14.4335	1.70437
8900	-0.7498	0.9970	5.1097	1.1673	6.822	1.7131	14.4644	1.71274
9000	-0.7086	1.0452	5.1154	1.1691	6.882	1.7214	14.4932	1.72096
9100	-0.6684	1.0922	5.1210	1.1709	6.942	1.7294	14.5197	1.72900
9200	-0.6292	1.1381	5.1265	1.1727	7.001	1.7374	14.5441	1.73690
9300	-0.5909	1.1830	5.1318	1.1744	7.060	1.7451	14.5665	1.74463
9400	-0.5537	1.2268	5.1371	1.1763	7.119	1.7528	14.5871	1.75222
9500	-0.5173	1.2696	5.1423	1.1780	7.177	1.7603	14.6059	1.75965
9600	-0.4818	1.3115	5.1473	1.1800	7.236	1.7676	14.6228	1.76695
9700	-0.4471	1.3524	5.1523	1.1817	7.294	1.7748	14.6381	1.77409
9800	-0.4133	1.3924	5.1571	1.1835	7.351	1.7818	14.6517	1.78108
9900	-0.3803	1.4315	5.1619	1.1853	7.409	1.7887	14.6637	1.78793
10000	-0.3481	1.4697	5.1665	1.1870	7.465	1.7955	14.6740	1.79462
10100	-0.3166	1.5071	5.1711	1.1861	7.513	1.8021	14.6827	1.80115
10200	-0.2844	1.5452	5.1759	1.1878	7.570	1.8089	14.6978	1.80798
10300	-0.2544	1.5810	5.1803	1.1924	7.635	1.8153	14.7038	1.81425
10400	-0.2251	1.6160	5.1846	1.1943	7.692	1.8214	14.7084	1.82036
10500	-0.1965	1.6502	5.1888	1.1960	7.747	1.8275	14.7112	1.82633
10600	-0.1684	1.6838	5.1930	1.1977	7.802	1.8334	14.7134	1.83220
10700	-0.1410	1.7166	5.1971	1.1997	7.857	1.8392	14.7142	1.83792
10800	-0.1142	1.7488	5.2011	1.2011	7.911	1.8448	14.7135	1.84349
10900	-0.0879	1.7804	5.2051	1.2026	7.964	1.8504	14.7123	1.84899
11000	-0.0622	1.8113	5.2090	1.2046	8.019	1.8558	14.7102	1.85435
11100	-0.0370	1.8416	5.2128	1.2062	8.072	1.8611	14.7067	1.85959
11200	-0.0123	1.8715	5.2166	1.2078	8.125	1.8663	14.7030	1.86476
11300	0.0117	1.9006	5.2203	1.2097	8.179	1.8713	14.6974	1.86973
11400	0.0354	1.9292	5.2240	1.2109	8.230	1.8763	14.6914	1.87465

S/R= 46.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	0.0587	1.9574	5.2276	1.2125	8.282	1.8812	14.6854	1.87950
11600	0.0814	1.9849	5.2311	1.2143	8.335	1.8859	14.6775	1.88418
11700	0.1038	2.0121	5.2346	1.2156	8.385	1.8906	14.6696	1.88880
11800	0.1257	2.0388	5.2381	1.2169	8.436	1.8952	14.6612	1.89333
11900	0.1473	2.0652	5.2415	1.2183	8.486	1.8997	14.6526	1.89782
12000	0.1684	2.0909	5.2448	1.2197	8.537	1.9040	14.6428	1.90214
12100	0.1893	2.1163	5.2481	1.2209	8.586	1.9084	14.6329	1.90644
12200	0.2097	2.1413	5.2514	1.2221	8.635	1.9126	14.6223	1.91063
12300	0.2299	2.1660	5.2546	1.2236	8.685	1.9168	14.6119	1.91479
12400	0.2496	2.1901	5.2578	1.2250	8.735	1.9208	14.6002	1.91881
12500	0.2691	2.2140	5.2609	1.2257	8.782	1.9248	14.5887	1.92280
12600	0.2883	2.2375	5.2640	1.2271	8.831	1.9287	14.5768	1.92672
12700	0.3072	2.2607	5.2671	1.2284	8.879	1.9325	14.5648	1.93057
12800	0.3258	2.2835	5.2701	1.2291	8.925	1.9363	14.5524	1.93435
12900	0.3442	2.3062	5.2732	1.2297	8.971	1.9401	14.5401	1.93812
13000	0.3623	2.3285	5.2761	1.2307	9.018	1.9437	14.5278	1.94183
13100	0.3802	2.3505	5.2791	1.2316	9.064	1.9474	14.5150	1.94549
13200	0.3978	2.3722	5.2820	1.2326	9.111	1.9509	14.5021	1.94908
13300	0.4152	2.3936	5.2849	1.2335	9.156	1.9544	14.4889	1.95260
13400	0.4324	2.4149	5.2878	1.2341	9.201	1.9578	14.4763	1.95614
13500	0.4493	2.4358	5.2906	1.2348	9.246	1.9612	14.4630	1.95957
13600	0.4661	2.4565	5.2934	1.2352	9.290	1.9645	14.4498	1.96300
13700	0.4827	2.4770	5.2962	1.2360	9.335	1.9678	14.4370	1.96640
13800	0.4991	2.4973	5.2990	1.2361	9.377	1.9711	14.4241	1.96977
13900	0.5155	2.5175	5.3017	1.2360	9.418	1.9743	14.4115	1.97315
14000	0.5316	2.5374	5.3045	1.2372	9.464	1.9775	14.3989	1.97643
14100	0.5475	2.5571	5.3072	1.2377	9.507	1.9806	14.3862	1.97976
14200	0.5633	2.5766	5.3099	1.2377	9.549	1.9838	14.3738	1.98306
14300	0.5789	2.5960	5.3125	1.2382	9.591	1.9868	14.3615	1.98632
14400	0.5944	2.6152	5.3152	1.2384	9.633	1.9899	14.3494	1.98955
14500	0.6097	2.6342	5.3178	1.2385	9.674	1.9929	14.3371	1.99277
14600	0.6249	2.6530	5.3205	1.2384	9.714	1.9958	14.3251	1.99595
14700	0.6401	2.6718	5.3231	1.2386	9.755	1.9988	14.3136	1.99917
14800	0.6550	2.6903	5.3257	1.2389	9.797	2.0017	14.3020	2.00233
14900	0.6699	2.7087	5.3282	1.2386	9.836	2.0046	14.2907	2.00552
15000	0.6847	2.7271	5.3308	1.2384	9.875	2.0075	14.2798	2.00870

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3200	-6.9938	-5.9160	4.1912	1.1002	3.066	1.0210	4.8539	1.02105
3300	-6.8248	-5.7301	4.2294	1.0967	3.121	1.0295	5.1390	1.02946
3400	-6.6421	-5.5302	4.2685	1.0915	3.176	1.0393	5.4575	1.03930
3500	-6.4501	-5.3211	4.3073	1.0882	3.234	1.0503	5.7969	1.05034
3600	-6.2527	-5.1065	4.3452	1.0864	3.296	1.0624	6.1508	1.06237
3700	-6.0533	-4.8900	4.3818	1.0854	3.360	1.0752	6.5096	1.07517
3800	-5.8539	-4.6737	4.4168	1.0851	3.426	1.0886	6.8707	1.08860
3900	-5.6568	-4.4597	4.4500	1.0854	3.493	1.1025	7.2273	1.10248
4000	-5.4631	-4.2495	4.4815	1.0859	3.561	1.1167	7.5764	1.11673
4100	-5.2737	-4.0438	4.5114	1.0867	3.630	1.1313	7.9178	1.13125
4200	-5.0893	-3.8433	4.5396	1.0877	3.700	1.1460	8.2484	1.14596
4300	-4.9099	-3.6481	4.5664	1.0888	3.770	1.1608	8.5694	1.16082
4400	-4.7364	-3.4590	4.5917	1.0901	3.840	1.1757	8.8770	1.17573
4500	-4.5681	-3.2755	4.6158	1.0914	3.911	1.1907	9.1747	1.19072
4600	-4.4056	-3.0981	4.6386	1.0929	3.981	1.2057	9.4590	1.20570

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4700	-4.2488	-2.9265	4.6603	1.0944	4.052	1.2206	9.7316	1.22064
4800	-4.0973	-2.7605	4.6810	1.0959	4.123	1.2356	9.9933	1.23557
4900	-3.9509	-2.6001	4.7007	1.0975	4.193	1.2504	10.2442	1.25044
5000	-3.8099	-2.4452	4.7195	1.0994	4.265	1.2652	10.4833	1.26523
5100	-3.6735	-2.2951	4.7376	1.1011	4.336	1.2802	10.7149	1.28018
5200	-3.5424	-2.1506	4.7547	1.1026	4.406	1.2947	10.9328	1.29474
5300	-3.4158	-2.0109	4.7712	1.1042	4.476	1.3092	11.1412	1.30919
5400	-3.2936	-1.8759	4.7870	1.1059	4.546	1.3235	11.3400	1.32351
5500	-3.1756	-1.7452	4.8022	1.1076	4.616	1.3377	11.5301	1.33770
5600	-3.0616	-1.6189	4.8168	1.1093	4.686	1.3518	11.7116	1.35176
5700	-2.9514	-1.4966	4.8309	1.1110	4.756	1.3657	11.8850	1.36568
5800	-2.8449	-1.3782	4.8444	1.1128	4.825	1.3795	12.0506	1.37947
5900	-2.7420	-1.2635	4.8575	1.1145	4.894	1.3931	12.2087	1.39312
6000	-2.6424	-1.1525	4.8702	1.1163	4.964	1.4066	12.3596	1.40662
6100	-2.5463	-1.0451	4.8823	1.1182	5.033	1.4199	12.5030	1.41993
6200	-2.4534	-0.9411	4.8941	1.1199	5.101	1.4331	12.6400	1.43309
6300	-2.3635	-0.8403	4.9055	1.1217	5.169	1.4461	12.7705	1.44606
6400	-2.2764	-0.7426	4.9166	1.1235	5.237	1.4589	12.8949	1.45887
6500	-2.1921	-0.6479	4.9273	1.1252	5.305	1.4715	13.0135	1.47152
6600	-2.1105	-0.5559	4.9377	1.1269	5.372	1.4840	13.1265	1.48398
6700	-2.0314	-0.4667	4.9478	1.1287	5.440	1.4963	13.2343	1.49627
6800	-1.9547	-0.3801	4.9576	1.1305	5.507	1.5084	13.3367	1.50837
6900	-1.8804	-0.2960	4.9671	1.1323	5.573	1.5203	13.4343	1.52031
7000	-1.8083	-0.2144	4.9763	1.1341	5.640	1.5321	13.5270	1.53206
7100	-1.7385	-0.1351	4.9853	1.1359	5.706	1.5437	13.6151	1.54364
7200	-1.6707	-0.0580	4.9940	1.1376	5.771	1.5551	13.6987	1.55504
7300	-1.6050	0.0168	5.0025	1.1395	5.837	1.5663	13.7780	1.56625
7400	-1.5412	0.0896	5.0108	1.1413	5.902	1.5774	13.8532	1.57730
7500	-1.4792	0.1604	5.0188	1.1432	5.967	1.5882	13.9244	1.58816
7600	-1.4191	0.2292	5.0267	1.1449	6.032	1.5989	13.9919	1.59883
7700	-1.3606	0.2961	5.0343	1.1467	6.096	1.6094	14.0554	1.60931
7800	-1.3039	0.3613	5.0418	1.1485	6.160	1.6197	14.1157	1.61962
7900	-1.2487	0.4247	5.0491	1.1502	6.223	1.6299	14.1725	1.62975
8000	-1.1951	0.4864	5.0562	1.1520	6.286	1.6398	14.2261	1.63968
8100	-1.1429	0.5466	5.0631	1.1537	6.349	1.6496	14.2766	1.64944
8200	-1.0921	0.6052	5.0699	1.1555	6.412	1.6592	14.3242	1.65902
8300	-1.0427	0.6623	5.0765	1.1571	6.474	1.6686	14.3690	1.66841
8400	-0.9946	0.7180	5.0830	1.1589	6.535	1.6778	14.4109	1.67763
8500	-0.9478	0.7723	5.0893	1.1607	6.597	1.6869	14.4503	1.68668
8600	-0.9022	0.8253	5.0955	1.1624	6.658	1.6958	14.4872	1.69556
8700	-0.8578	0.8769	5.1015	1.1642	6.719	1.7045	14.5216	1.70426
8800	-0.8146	0.9273	5.1075	1.1659	6.780	1.7131	14.5536	1.71280
8900	-0.7724	0.9765	5.1132	1.1678	6.840	1.7215	14.5833	1.72117
9000	-0.7314	1.0245	5.1189	1.1696	6.900	1.7298	14.6109	1.72938
9100	-0.6914	1.0713	5.1245	1.1713	6.960	1.7379	14.6362	1.73741
9200	-0.6524	1.1170	5.1299	1.1732	7.019	1.7457	14.6595	1.74529
9300	-0.6143	1.1616	5.1352	1.1750	7.079	1.7535	14.6806	1.75300
9400	-0.5773	1.2052	5.1404	1.1768	7.137	1.7611	14.6999	1.76056
9500	-0.5411	1.2478	5.1456	1.1786	7.196	1.7685	14.7175	1.76797
9600	-0.5058	1.2895	5.1506	1.1806	7.255	1.7758	14.7331	1.77524
9700	-0.4714	1.3302	5.1555	1.1823	7.313	1.7830	14.7472	1.78235
9800	-0.4378	1.3699	5.1603	1.1842	7.370	1.7900	14.7594	1.78930
9900	-0.4050	1.4088	5.1650	1.1859	7.427	1.7969	14.7701	1.79611
10000	-0.3729	1.4468	5.1696	1.1876	7.484	1.8036	14.7791	1.80276
10100	-0.3417	1.4839	5.1742	1.1868	7.532	1.8101	14.7866	1.80925

S/R= 46.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10200	-0.3097	1.5218	5.1789	1.1885	7.589	1.8169	14.8002	1.81603
10300	-0.2799	1.5574	5.1832	1.1931	7.654	1.8232	14.8049	1.82225
10400	-0.2508	1.5921	5.1875	1.1951	7.711	1.8293	14.8079	1.82831
10500	-0.2224	1.6261	5.1917	1.1968	7.766	1.8353	14.8096	1.83423
10600	-0.1945	1.6595	5.1959	1.1985	7.821	1.8411	14.8105	1.84005
10700	-0.1673	1.6921	5.1999	1.2004	7.876	1.8469	14.8100	1.84572
10800	-0.1408	1.7240	5.2039	1.2020	7.930	1.8524	14.8080	1.85124
10900	-0.1147	1.7554	5.2079	1.2034	7.983	1.8579	14.8056	1.85668
11000	-0.0892	1.7861	5.2117	1.2054	8.038	1.8633	14.8019	1.86198
11100	-0.0642	1.8162	5.2155	1.2071	8.091	1.8685	14.7973	1.86715
11200	-0.0397	1.8458	5.2193	1.2086	8.144	1.8736	14.7924	1.87226
11300	-0.0158	1.8747	5.2229	1.2105	8.197	1.8786	14.7855	1.87718
11400	0.0076	1.9031	5.2265	1.2116	8.248	1.8835	14.7786	1.88204
11500	0.0308	1.9311	5.2301	1.2133	8.301	1.8883	14.7712	1.88683
11600	0.0532	1.9584	5.2336	1.2151	8.353	1.8930	14.7624	1.89145
11700	0.0755	1.9854	5.2371	1.2164	8.403	1.8976	14.7533	1.89601
11800	0.0972	2.0119	5.2405	1.2177	8.454	1.9021	14.7434	1.90048
11900	0.1187	2.0381	5.2439	1.2190	8.504	1.9065	14.7339	1.90491
12000	0.1396	2.0636	5.2472	1.2204	8.554	1.9108	14.7228	1.90917
12100	0.1603	2.0888	5.2505	1.2216	8.604	1.9150	14.7119	1.91341
12200	0.1806	2.1137	5.2537	1.2226	8.652	1.9192	14.7004	1.91755
12300	0.2007	2.1382	5.2569	1.2241	8.702	1.9233	14.6891	1.92167
12400	0.2202	2.1622	5.2600	1.2255	8.751	1.9273	14.6766	1.92564
12500	0.2396	2.1859	5.2632	1.2264	8.799	1.9312	14.6642	1.92958
12600	0.2587	2.2093	5.2663	1.2277	8.847	1.9351	14.6514	1.93344
12700	0.2774	2.2323	5.2693	1.2288	8.895	1.9388	14.6382	1.93724
12800	0.2959	2.2550	5.2723	1.2295	8.941	1.9425	14.6251	1.94097
12900	0.3142	2.2775	5.2753	1.2302	8.987	1.9462	14.6120	1.94469
13000	0.3322	2.2997	5.2783	1.2311	9.033	1.9498	14.5988	1.94835
13100	0.3500	2.3216	5.2812	1.2319	9.079	1.9534	14.5852	1.95196
13200	0.3675	2.3432	5.2841	1.2328	9.125	1.9568	14.5718	1.95551
13300	0.3848	2.3646	5.2870	1.2335	9.170	1.9603	14.5581	1.95902
13400	0.4020	2.3858	5.2898	1.2341	9.215	1.9637	14.5447	1.96253
13500	0.4188	2.4066	5.2926	1.2349	9.260	1.9670	14.5307	1.96592
13600	0.4356	2.4272	5.2954	1.2353	9.304	1.9703	14.5172	1.96932
13700	0.4521	2.4477	5.2982	1.2360	9.348	1.9735	14.5036	1.97269
13800	0.4684	2.4679	5.3010	1.2361	9.390	1.9767	14.4903	1.97603
13900	0.4847	2.4880	5.3037	1.2359	9.431	1.9799	14.4771	1.97938
14000	0.5008	2.5078	5.3064	1.2370	9.476	1.9830	14.4641	1.98263
14100	0.5166	2.5274	5.3091	1.2377	9.520	1.9861	14.4507	1.98594
14200	0.5324	2.5469	5.3118	1.2375	9.561	1.9892	14.4380	1.98921
14300	0.5480	2.5663	5.3145	1.2378	9.603	1.9922	14.4252	1.99245
14400	0.5635	2.5854	5.3171	1.2381	9.645	1.9952	14.4128	1.99567
14500	0.5788	2.6044	5.3197	1.2381	9.685	1.9982	14.4003	1.99888
14600	0.5940	2.6232	5.3224	1.2378	9.725	2.0011	14.3880	2.00207
14700	0.6091	2.6419	5.3250	1.2381	9.766	2.0040	14.3761	2.00528
14800	0.6241	2.6604	5.3275	1.2384	9.808	2.0069	14.3641	2.00842
14900	0.6389	2.6789	5.3301	1.2381	9.846	2.0097	14.3526	2.01161
15000	0.6537	2.6972	5.3327	1.2378	9.885	2.0126	14.3414	2.01478

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-6.8811	-5.7856	4.2351	1.0918	3.117	1.0314	5.2074	1.03139
3400	-6.6932	-5.5804	4.2748	1.0900	3.177	1.0416	5.5373	1.04163

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.4967	-5.3666	4.3139	1.0870	3.237	1.0530	5.8867	1.05304
3600	-6.2954	-5.1480	4.3521	1.0854	3.299	1.0654	6.2491	1.06541
3700	-6.0927	-4.9281	4.3887	1.0847	3.364	1.0785	6.6151	1.07852
3800	-5.8906	-4.7089	4.4238	1.0845	3.431	1.0922	6.9823	1.09223
3900	-5.6911	-4.4925	4.4570	1.0848	3.499	1.1064	7.3438	1.10638
4000	-5.4955	-4.2802	4.4884	1.0854	3.567	1.1209	7.6972	1.12087
4100	-5.3043	-4.0727	4.5182	1.0863	3.637	1.1356	8.0421	1.13562
4200	-5.1185	-3.8707	4.5463	1.0873	3.707	1.1505	8.3758	1.15054
4300	-4.9378	-3.6742	4.5730	1.0885	3.777	1.1656	8.6994	1.16560
4400	-4.7632	-3.4840	4.5981	1.0898	3.848	1.1807	9.0092	1.18070
4500	-4.5940	-3.2995	4.6221	1.0912	3.919	1.1959	9.3087	1.19587
4600	-4.4308	-3.1212	4.6448	1.0927	3.990	1.2110	9.5945	1.21101
4700	-4.2732	-2.9490	4.6663	1.0942	4.061	1.2261	9.8684	1.22613
4800	-4.1210	-2.7823	4.6869	1.0958	4.132	1.2412	10.1312	1.24121
4900	-3.9741	-2.6213	4.7065	1.0974	4.203	1.2562	10.3832	1.25623
5000	-3.8327	-2.4659	4.7252	1.0993	4.274	1.2712	10.6228	1.27116
5100	-3.6958	-2.3154	4.7432	1.1010	4.346	1.2862	10.8551	1.28625
5200	-3.5643	-2.1704	4.7603	1.1025	4.416	1.3009	11.0736	1.30095
5300	-3.4374	-2.0304	4.7767	1.1041	4.487	1.3155	11.2822	1.31552
5400	-3.3149	-1.8951	4.7924	1.1058	4.557	1.3300	11.4812	1.32996
5500	-3.1966	-1.7642	4.8075	1.1075	4.627	1.3443	11.6716	1.34427
5600	-3.0825	-1.6376	4.8220	1.1093	4.698	1.3585	11.8532	1.35845
5700	-2.9721	-1.5151	4.8360	1.1110	4.767	1.3725	12.0266	1.37249
5800	-2.8655	-1.3965	4.8495	1.1127	4.837	1.3864	12.1921	1.38639
5900	-2.7624	-1.2817	4.8625	1.1145	4.907	1.4001	12.3501	1.40014
6000	-2.6627	-1.1706	4.8751	1.1163	4.976	1.4138	12.5009	1.41374
6100	-2.5665	-1.0631	4.8872	1.1181	5.045	1.4272	12.6440	1.42715
6200	-2.4735	-0.9591	4.8989	1.1199	5.114	1.4404	12.7807	1.44039
6300	-2.3836	-0.8582	4.9103	1.1218	5.183	1.4535	12.9108	1.45346
6400	-2.2965	-0.7605	4.9213	1.1235	5.251	1.4664	13.0349	1.46636
6500	-2.2122	-0.6657	4.9319	1.1252	5.319	1.4791	13.1531	1.47908
6600	-2.1305	-0.5737	4.9423	1.1270	5.386	1.4916	13.2655	1.49162
6700	-2.0514	-0.4845	4.9523	1.1287	5.454	1.5040	13.3726	1.50398
6800	-1.9748	-0.3979	4.9620	1.1306	5.521	1.5162	13.4746	1.51616
6900	-1.9005	-0.3139	4.9715	1.1324	5.588	1.5282	13.5716	1.52816
7000	-1.8285	-0.2323	4.9807	1.1342	5.654	1.5400	13.6636	1.53997
7100	-1.7587	-0.1531	4.9896	1.1360	5.721	1.5516	13.7510	1.55161
7200	-1.6910	-0.0761	4.9983	1.1378	5.787	1.5631	13.8339	1.56306
7300	-1.6253	-0.0013	5.0067	1.1396	5.852	1.5744	13.9124	1.57433
7400	-1.5616	0.0714	5.0150	1.1415	5.918	1.5855	13.9868	1.58542
7500	-1.4998	0.1420	5.0230	1.1434	5.983	1.5964	14.0573	1.59633
7600	-1.4397	0.2107	5.0308	1.1451	6.048	1.6071	14.1238	1.60703
7700	-1.3814	0.2775	5.0384	1.1469	6.112	1.6176	14.1864	1.61755
7800	-1.3248	0.3426	5.0458	1.1487	6.176	1.6280	14.2458	1.62789
7900	-1.2697	0.4059	5.0530	1.1505	6.240	1.6382	14.3017	1.63805
8000	-1.2162	0.4675	5.0601	1.1522	6.303	1.6481	14.3542	1.64800
8100	-1.1642	0.5275	5.0670	1.1540	6.366	1.6579	14.4037	1.65778
8200	-1.1136	0.5859	5.0737	1.1558	6.429	1.6675	14.4504	1.66737
8300	-1.0643	0.6429	5.0803	1.1574	6.491	1.6770	14.4941	1.67679
8400	-1.0164	0.6984	5.0867	1.1592	6.553	1.6862	14.5349	1.68601
8500	-0.9698	0.7525	5.0930	1.1610	6.614	1.6953	14.5731	1.69506
8600	-0.9244	0.8053	5.0991	1.1628	6.676	1.7042	14.6088	1.70394
8700	-0.8801	0.8567	5.1051	1.1646	6.737	1.7129	14.6421	1.71264
8800	-0.8371	0.9069	5.1110	1.1664	6.797	1.7215	14.6730	1.72118
8900	-0.7951	0.9559	5.1168	1.1682	6.858	1.7299	14.7015	1.72953

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-0.7543	1.0036	5.1224	1.1700	6.918	1.7381	14.7279	1.73773
9100	-0.7145	1.0503	5.1279	1.1718	6.978	1.7461	14.7519	1.74574
9200	-0.6757	1.0958	5.1333	1.1737	7.038	1.7540	14.7738	1.75360
9300	-0.6378	1.1402	5.1386	1.1756	7.097	1.7617	14.7938	1.76129
9400	-0.6010	1.1835	5.1437	1.1773	7.156	1.7693	14.8117	1.76882
9500	-0.5650	1.2259	5.1488	1.1792	7.214	1.7767	14.8280	1.77620
9600	-0.5299	1.2673	5.1538	1.1812	7.273	1.7840	14.8424	1.78343
9700	-0.4957	1.3078	5.1586	1.1830	7.331	1.7911	14.8550	1.79051
9800	-0.4623	1.3473	5.1634	1.1848	7.389	1.7981	14.8658	1.79743
9900	-0.4298	1.3859	5.1681	1.1866	7.446	1.8049	14.8752	1.80419
10000	-0.3980	1.4237	5.1727	1.1883	7.503	1.8115	14.8828	1.81080
10100	-0.3669	1.4606	5.1772	1.1875	7.551	1.8180	14.8889	1.81724
10200	-0.3352	1.4982	5.1818	1.1893	7.608	1.8248	14.9012	1.82397
10300	-0.3056	1.5335	5.1862	1.1939	7.673	1.8310	14.9043	1.83014
10400	-0.2767	1.5680	5.1904	1.1959	7.730	1.8371	14.9062	1.83615
10500	-0.2486	1.6017	5.1946	1.1976	7.785	1.8429	14.9065	1.84201
10600	-0.2209	1.6349	5.1987	1.1992	7.839	1.8488	14.9061	1.84777
10700	-0.1939	1.6673	5.2027	1.2012	7.895	1.8544	14.9042	1.85338
10800	-0.1676	1.6989	5.2066	1.2028	7.949	1.8599	14.9010	1.85884
10900	-0.1417	1.7301	5.2105	1.2042	8.002	1.8653	14.8973	1.86422
11000	-0.1164	1.7606	5.2144	1.2062	8.056	1.8706	14.8923	1.86946
11100	-0.0917	1.7904	5.2181	1.2080	8.110	1.8758	14.8863	1.87457
11200	-0.0674	1.8198	5.2218	1.2095	8.162	1.8808	14.8800	1.87962
11300	-0.0437	1.8485	5.2255	1.2113	8.216	1.8857	14.8720	1.88447
11400	-0.0204	1.8767	5.2290	1.2123	8.266	1.8905	14.8638	1.88927
11500	0.0026	1.9046	5.2326	1.2140	8.318	1.8953	14.8554	1.89401
11600	0.0249	1.9317	5.2361	1.2159	8.371	1.8999	14.8454	1.89857
11700	0.0469	1.9585	5.2395	1.2172	8.422	1.9044	14.8351	1.90307
11800	0.0685	1.9847	5.2429	1.2185	8.472	1.9088	14.8243	1.90747
11900	0.0898	2.0107	5.2462	1.2197	8.522	1.9132	14.8134	1.91184
12000	0.1105	2.0360	5.2495	1.2212	8.572	1.9174	14.8014	1.91604
12100	0.1311	2.0611	5.2527	1.2224	8.621	1.9216	14.7893	1.92021
12200	0.1512	2.0858	5.2559	1.2233	8.669	1.9257	14.7769	1.92430
12300	0.1712	2.1101	5.2591	1.2247	8.719	1.9297	14.7646	1.92836
12400	0.1906	2.1340	5.2623	1.2259	8.767	1.9336	14.7513	1.93229
12500	0.2099	2.1576	5.2653	1.2268	8.815	1.9375	14.7380	1.93618
12600	0.2288	2.1809	5.2684	1.2283	8.864	1.9412	14.7243	1.93999
12700	0.2474	2.2037	5.2714	1.2293	8.911	1.9450	14.7104	1.94374
12800	0.2658	2.2263	5.2744	1.2300	8.957	1.9486	14.6963	1.94742
12900	0.2840	2.2487	5.2774	1.2305	9.002	1.9522	14.6824	1.95109
13000	0.3019	2.2707	5.2803	1.2314	9.048	1.9557	14.6684	1.95471
13100	0.3196	2.2925	5.2832	1.2322	9.094	1.9592	14.6541	1.95827
13200	0.3370	2.3140	5.2861	1.2331	9.140	1.9626	14.6399	1.96179
13300	0.3542	2.3353	5.2890	1.2336	9.184	1.9660	14.6257	1.96525
13400	0.3713	2.3564	5.2918	1.2341	9.228	1.9694	14.6116	1.96873
13500	0.3881	2.3771	5.2946	1.2349	9.273	1.9726	14.5973	1.97211
13600	0.4048	2.3977	5.2974	1.2352	9.317	1.9759	14.5832	1.97548
13700	0.4213	2.4181	5.3002	1.2359	9.361	1.9791	14.5691	1.97882
13800	0.4376	2.4382	5.3029	1.2361	9.403	1.9822	14.5551	1.98214
13900	0.4538	2.4583	5.3056	1.2358	9.443	1.9853	14.5415	1.98545
14000	0.4699	2.4781	5.3083	1.2369	9.489	1.9884	14.5280	1.98869
14100	0.4856	2.4976	5.3110	1.2375	9.532	1.9915	14.5143	1.99197
14200	0.5014	2.5171	5.3137	1.2372	9.572	1.9945	14.5011	1.99522
14300	0.5170	2.5364	5.3163	1.2375	9.614	1.9975	14.4880	1.99844
14400	0.5324	2.5555	5.3190	1.2377	9.656	2.0004	14.4750	2.00165

S/R= 47.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	0.5477	2.5745	5.3216	1.2377	9.696	2.0034	14.4624	2.00485
14600	0.5629	2.5932	5.3242	1.2373	9.735	2.0063	14.4498	2.00803
14700	0.5780	2.6120	5.3268	1.2375	9.776	2.0092	14.4377	2.01123
14800	0.5930	2.6305	5.3294	1.2378	9.818	2.0120	14.4255	2.01438
14900	0.6079	2.6489	5.3320	1.2375	9.857	2.0148	14.4136	2.01757
15000	0.6227	2.6672	5.3345	1.2372	9.895	2.0176	14.4022	2.02073

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-6.9362	-5.8398	4.2410	1.0902	3.118	1.0334	5.2785	1.03341
3400	-6.7432	-5.6294	4.2812	1.0885	3.179	1.0440	5.6197	1.04404
3500	-6.5423	-5.4110	4.3207	1.0859	3.239	1.0558	5.9789	1.05581
3600	-6.3372	-5.1885	4.3591	1.0845	3.303	1.0685	6.3496	1.06852
3700	-6.1313	-4.9653	4.3957	1.0840	3.369	1.0819	6.7226	1.08193
3800	-5.9265	-4.7433	4.4308	1.0839	3.436	1.0959	7.0956	1.09593
3900	-5.7247	-4.5246	4.4639	1.0843	3.504	1.1103	7.4620	1.11033
4000	-5.5271	-4.3103	4.4952	1.0850	3.573	1.1251	7.8195	1.12506
4100	-5.3344	-4.1011	4.5249	1.0859	3.643	1.1400	8.1679	1.14003
4200	-5.1471	-3.8976	4.5529	1.0870	3.714	1.1552	8.5044	1.15516
4300	-4.9652	-3.6998	4.5795	1.0882	3.784	1.1704	8.8305	1.17042
4400	-4.7896	-3.5085	4.6045	1.0895	3.855	1.1857	9.1424	1.18571
4500	-4.6195	-3.3231	4.6284	1.0910	3.927	1.2011	9.4436	1.20105
4600	-4.4555	-3.1440	4.6509	1.0925	3.998	1.2164	9.7307	1.21636
4700	-4.2972	-2.9710	4.6724	1.0940	4.069	1.2316	10.0059	1.23164
4800	-4.1444	-2.8038	4.6928	1.0956	4.141	1.2469	10.2698	1.24687
4900	-3.9970	-2.6421	4.7123	1.0972	4.212	1.2620	10.5227	1.26205
5000	-3.8551	-2.4863	4.7309	1.0991	4.284	1.2771	10.7629	1.27711
5100	-3.7179	-2.3353	4.7488	1.1009	4.356	1.2923	10.9958	1.29234
5200	-3.5860	-2.1900	4.7658	1.1024	4.427	1.3072	11.2148	1.30718
5300	-3.4588	-2.0497	4.7821	1.1040	4.497	1.3219	11.4236	1.32187
5400	-3.3360	-1.9141	4.7977	1.1057	4.568	1.3364	11.6230	1.33644
5500	-3.2175	-1.7829	4.8127	1.1074	4.639	1.3509	11.8134	1.35087
5600	-3.1031	-1.6562	4.8272	1.1092	4.709	1.3652	11.9951	1.36516
5700	-2.9926	-1.5334	4.8411	1.1109	4.779	1.3793	12.1685	1.37931
5800	-2.8858	-1.4147	4.8545	1.1127	4.849	1.3933	12.3339	1.39332
5900	-2.7826	-1.2998	4.8675	1.1144	4.919	1.4072	12.4917	1.40718
6000	-2.6828	-1.1885	4.8800	1.1163	4.989	1.4209	12.6423	1.42087
6100	-2.5866	-1.0810	4.8920	1.1182	5.058	1.4344	12.7852	1.43438
6200	-2.4935	-0.9769	4.9037	1.1200	5.127	1.4477	12.9215	1.44771
6300	-2.4035	-0.8760	4.9150	1.1218	5.196	1.4609	13.0513	1.46086
6400	-2.3164	-0.7782	4.9259	1.1235	5.264	1.4739	13.1749	1.47384
6500	-2.2321	-0.6834	4.9365	1.1253	5.332	1.4867	13.2926	1.48664
6600	-2.1505	-0.5915	4.9468	1.1270	5.400	1.4993	13.4045	1.49926
6700	-2.0714	-0.5023	4.9568	1.1288	5.468	1.5117	13.5111	1.51169
6800	-1.9948	-0.4157	4.9664	1.1306	5.535	1.5240	13.6124	1.52394
6900	-1.9206	-0.3317	4.9758	1.1325	5.602	1.5360	13.7087	1.53600
7000	-1.8486	-0.2502	4.9850	1.1343	5.669	1.5479	13.8001	1.54788
7100	-1.7789	-0.1710	4.9939	1.1361	5.736	1.5596	13.8868	1.55957
7200	-1.7113	-0.0941	5.0025	1.1379	5.802	1.5711	13.9689	1.57108
7300	-1.6457	-0.0194	5.0109	1.1398	5.868	1.5824	14.0466	1.58240
7400	-1.5820	0.0532	5.0191	1.1417	5.933	1.5936	14.1202	1.59352
7500	-1.5203	0.1237	5.0270	1.1436	5.999	1.6045	14.1897	1.60447
7600	-1.4604	0.1923	5.0348	1.1453	6.064	1.6153	14.2554	1.61521
7700	-1.4022	0.2590	5.0423	1.1471	6.128	1.6259	14.3172	1.62576

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-1.3457	0.3239	5.0497	1.1490	6.192	1.6362	14.3755	1.63614
7900	-1.2908	0.3870	5.0569	1.1507	6.256	1.6464	14.4304	1.64632
8000	-1.2374	0.4485	5.0639	1.1525	6.320	1.6564	14.4820	1.65630
8100	-1.1855	0.5083	5.0708	1.1543	6.383	1.6662	14.5303	1.66609
8200	-1.1351	0.5666	5.0775	1.1561	6.445	1.6758	14.5760	1.67569
8300	-1.0860	0.6234	5.0840	1.1578	6.508	1.6853	14.6185	1.68512
8400	-1.0382	0.6787	5.0904	1.1596	6.570	1.6945	14.6582	1.69434
8500	-0.9918	0.7326	5.0966	1.1614	6.632	1.7036	14.6953	1.70339
8600	-0.9466	0.7852	5.1027	1.1632	6.693	1.7125	14.7298	1.71227
8700	-0.9025	0.8364	5.1087	1.1650	6.754	1.7212	14.7619	1.72097
8800	-0.8597	0.8864	5.1145	1.1668	6.815	1.7298	14.7916	1.72950
8900	-0.8179	0.9351	5.1202	1.1687	6.876	1.7381	14.8188	1.73783
9000	-0.7773	0.9827	5.1258	1.1705	6.936	1.7463	14.8438	1.74601
9100	-0.7377	1.0291	5.1313	1.1724	6.996	1.7544	14.8666	1.75401
9200	-0.6991	1.0744	5.1366	1.1743	7.056	1.7622	14.8872	1.76184
9300	-0.6615	1.1186	5.1418	1.1762	7.115	1.7699	14.9058	1.76950
9400	-0.6248	1.1617	5.1470	1.1780	7.174	1.7775	14.9225	1.77700
9500	-0.5891	1.2038	5.1520	1.1798	7.233	1.7848	14.9373	1.78435
9600	-0.5543	1.2450	5.1569	1.1818	7.292	1.7921	14.9504	1.79154
9700	-0.5203	1.2852	5.1618	1.1837	7.350	1.7991	14.9617	1.79858
9800	-0.4871	1.3245	5.1665	1.1855	7.407	1.8060	14.9711	1.80545
9900	-0.4548	1.3628	5.1711	1.1873	7.465	1.8128	14.9791	1.81217
10000	-0.4232	1.4003	5.1757	1.1891	7.521	1.8194	14.9854	1.81873
10100	-0.3924	1.4370	5.1801	1.1883	7.570	1.8258	14.9900	1.82511
10200	-0.3609	1.4743	5.1847	1.1901	7.627	1.8325	15.0008	1.83179
10300	-0.3315	1.5094	5.1890	1.1947	7.692	1.8387	15.0026	1.83790
10400	-0.3029	1.5436	5.1932	1.1967	7.748	1.8447	15.0029	1.84385
10500	-0.2750	1.5771	5.1973	1.1985	7.804	1.8505	15.0019	1.84965
10600	-0.2475	1.6100	5.2014	1.2001	7.858	1.8562	15.0000	1.85535
10700	-0.2207	1.6422	5.2054	1.2020	7.913	1.8618	14.9968	1.86090
10800	-0.1946	1.6736	5.2093	1.2036	7.967	1.8673	14.9923	1.86631
10900	-0.1689	1.7045	5.2132	1.2051	8.020	1.8726	14.9873	1.87162
11000	-0.1439	1.7348	5.2169	1.2071	8.075	1.8778	14.9812	1.87680
11100	-0.1193	1.7644	5.2207	1.2088	8.128	1.8829	14.9737	1.88184
11200	-0.0952	1.7936	5.2243	1.2104	8.181	1.8879	14.9660	1.88682
11300	-0.0718	1.8220	5.2279	1.2122	8.234	1.8927	14.9568	1.89160
11400	-0.0487	1.8500	5.2315	1.2132	8.284	1.8974	14.9473	1.89634
11500	-0.0259	1.8776	5.2350	1.2148	8.336	1.9021	14.9379	1.90101
11600	-0.0037	1.9046	5.2384	1.2165	8.388	1.9067	14.9267	1.90553
11700	0.0181	1.9312	5.2418	1.2180	8.439	1.9111	14.9154	1.90996
11800	0.0395	1.9573	5.2452	1.2193	8.489	1.9154	14.9035	1.91430
11900	0.0606	1.9830	5.2485	1.2205	8.539	1.9197	14.8915	1.91860
12000	0.0812	2.0082	5.2517	1.2218	8.589	1.9239	14.8784	1.92274
12100	0.1016	2.0331	5.2550	1.2231	8.638	1.9280	14.8653	1.92685
12200	0.1216	2.0576	5.2581	1.2240	8.686	1.9320	14.8518	1.93088
12300	0.1414	2.0818	5.2613	1.2253	8.735	1.9359	14.8384	1.93487
12400	0.1607	2.1055	5.2644	1.2265	8.783	1.9398	14.8242	1.93875
12500	0.1799	2.1290	5.2675	1.2272	8.830	1.9436	14.8101	1.94260
12600	0.1987	2.1521	5.2705	1.2286	8.879	1.9473	14.7958	1.94637
12700	0.2172	2.1749	5.2735	1.2297	8.926	1.9509	14.7809	1.95007
12800	0.2355	2.1973	5.2765	1.2303	8.972	1.9545	14.7661	1.95371
12900	0.2536	2.2196	5.2794	1.2309	9.017	1.9580	14.7514	1.95733
13000	0.2714	2.2415	5.2823	1.2316	9.062	1.9615	14.7366	1.96091
13100	0.2890	2.2632	5.2852	1.2325	9.108	1.9650	14.7216	1.96442
13200	0.3064	2.2846	5.2881	1.2334	9.154	1.9683	14.7069	1.96790

S/R= 47.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	0.3235	2.3058	5.2909	1.2338	9.198	1.9716	14.6920	1.97133
13400	0.3405	2.3268	5.2938	1.2342	9.242	1.9749	14.6773	1.97476
13500	0.3573	2.3475	5.2965	1.2349	9.286	1.9781	14.6623	1.97811
13600	0.3739	2.3680	5.2993	1.2351	9.329	1.9813	14.6478	1.98147
13700	0.3904	2.3883	5.3021	1.2356	9.372	1.9845	14.6334	1.98479
13800	0.4066	2.4084	5.3048	1.2359	9.415	1.9876	14.6190	1.98809
13900	0.4228	2.4284	5.3075	1.2356	9.456	1.9907	14.6048	1.99138
14000	0.4388	2.4482	5.3102	1.2366	9.501	1.9937	14.5911	1.99459
14100	0.4546	2.4677	5.3129	1.2374	9.545	1.9967	14.5768	1.99786
14200	0.4703	2.4871	5.3155	1.2369	9.584	1.9997	14.5632	2.00109
14300	0.4858	2.5064	5.3182	1.2370	9.625	2.0027	14.5498	2.00430
14400	0.5013	2.5255	5.3208	1.2373	9.667	2.0056	14.5365	2.00749
14500	0.5166	2.5444	5.3234	1.2374	9.707	2.0085	14.5237	2.01068
14600	0.5318	2.5632	5.3260	1.2369	9.746	2.0113	14.5107	2.01385
14700	0.5469	2.5819	5.3286	1.2369	9.786	2.0142	14.4983	2.01705
14800	0.5618	2.6004	5.3312	1.2373	9.828	2.0170	14.4860	2.02020
14900	0.5767	2.6188	5.3338	1.2369	9.866	2.0198	14.4741	2.02339
15000	0.5915	2.6371	5.3363	1.2364	9.904	2.0226	14.4624	2.02656

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3300	-6.9900	-5.8927	4.2471	1.0887	3.119	1.0355	5.3525	1.03551
3400	-6.7920	-5.6771	4.2877	1.0872	3.181	1.0465	5.7048	1.04653
3500	-6.5868	-5.4543	4.3275	1.0849	3.242	1.0587	6.0735	1.05865
3600	-6.3780	-5.2280	4.3660	1.0837	3.307	1.0717	6.4523	1.07169
3700	-6.1690	-5.0016	4.4028	1.0833	3.373	1.0854	6.8320	1.08540
3800	-5.9616	-4.7769	4.4378	1.0834	3.441	1.0997	7.2107	1.09968
3900	-5.7576	-4.5559	4.4708	1.0838	3.510	1.1143	7.5818	1.11434
4000	-5.5582	-4.3397	4.5021	1.0846	3.579	1.1293	7.9432	1.12930
4100	-5.3638	-4.1288	4.5316	1.0856	3.650	1.1445	8.2948	1.14449
4200	-5.1752	-3.9240	4.5595	1.0867	3.721	1.1598	8.6342	1.15982
4300	-4.9922	-3.7250	4.5859	1.0880	3.792	1.1753	8.9627	1.17527
4400	-4.8155	-3.5327	4.6108	1.0893	3.863	1.1907	9.2765	1.19075
4500	-4.6446	-3.3463	4.6345	1.0907	3.935	1.2063	9.5792	1.20627
4600	-4.4798	-3.1665	4.6570	1.0923	4.007	1.2217	9.8677	1.22174
4700	-4.3209	-2.9927	4.6783	1.0938	4.078	1.2372	10.1442	1.23718
4800	-4.1675	-2.8249	4.6987	1.0954	4.150	1.2526	10.4091	1.25257
4900	-4.0196	-2.6627	4.7181	1.0971	4.222	1.2679	10.6627	1.26789
5000	-3.8773	-2.5064	4.7365	1.0990	4.294	1.2831	10.9035	1.28309
5100	-3.7396	-2.3550	4.7543	1.1007	4.366	1.2985	11.1371	1.29846
5200	-3.6074	-2.2093	4.7712	1.1023	4.437	1.3134	11.3565	1.31343
5300	-3.4799	-2.0688	4.7874	1.1040	4.508	1.3282	11.5655	1.32825
5400	-3.3569	-1.9328	4.8030	1.1057	4.579	1.3429	11.7651	1.34294
5500	-3.2382	-1.8015	4.8179	1.1074	4.650	1.3575	11.9556	1.35748
5600	-3.1236	-1.6745	4.8323	1.1092	4.720	1.3719	12.1373	1.37189
5700	-3.0129	-1.5516	4.8462	1.1109	4.791	1.3861	12.3108	1.38615
5800	-2.9060	-1.4328	4.8595	1.1126	4.861	1.4003	12.4759	1.40026
5900	-2.8026	-1.3177	4.8724	1.1144	4.931	1.4142	12.6336	1.41422
6000	-2.7028	-1.2063	4.8848	1.1163	5.001	1.4280	12.7839	1.42801
6100	-2.6065	-1.0987	4.8968	1.1182	5.071	1.4416	12.9265	1.44161
6200	-2.5134	-0.9946	4.9084	1.1200	5.140	1.4550	13.0624	1.45503
6300	-2.4234	-0.8936	4.9196	1.1218	5.209	1.4683	13.1918	1.46827
6400	-2.3363	-0.7958	4.9305	1.1236	5.278	1.4813	13.3149	1.48133
6500	-2.2519	-0.7010	4.9411	1.1253	5.346	1.4942	13.4321	1.49421

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	-2.1703	-0.6091	4.9513	1.1271	5.414	1.5069	13.5435	1.50690
6700	-2.0913	-0.5199	4.9612	1.1289	5.482	1.5194	13.6495	1.51940
6800	-2.0147	-0.4334	4.9708	1.1307	5.550	1.5317	13.7502	1.53172
6900	-1.9405	-0.3494	4.9802	1.1326	5.617	1.5439	13.8458	1.54384
7000	-1.8686	-0.2680	4.9893	1.1344	5.684	1.5558	13.9365	1.55578
7100	-1.7990	-0.1889	4.9981	1.1362	5.751	1.5676	14.0223	1.56752
7200	-1.7314	-0.1121	5.0067	1.1381	5.817	1.5791	14.1037	1.57908
7300	-1.6659	-0.0375	5.0150	1.1399	5.883	1.5905	14.1806	1.59045
7400	-1.6024	0.0350	5.0231	1.1418	5.949	1.6017	14.2533	1.60161
7500	-1.5408	0.1054	5.0311	1.1437	6.015	1.6127	14.3220	1.61260
7600	-1.4810	0.1739	5.0388	1.1456	6.080	1.6235	14.3867	1.62338
7700	-1.4229	0.2404	5.0463	1.1473	6.144	1.6340	14.4475	1.63396
7800	-1.3666	0.3051	5.0536	1.1492	6.209	1.6444	14.5048	1.64435
7900	-1.3118	0.3681	5.0608	1.1510	6.273	1.6547	14.5587	1.65456
8000	-1.2586	0.4294	5.0677	1.1528	6.336	1.6647	14.6092	1.66455
8100	-1.2069	0.4891	5.0745	1.1546	6.399	1.6745	14.6565	1.67436
8200	-1.1566	0.5472	5.0812	1.1564	6.462	1.6841	14.7009	1.68397
8300	-1.1077	0.6038	5.0876	1.1581	6.525	1.6936	14.7424	1.69340
8400	-1.0601	0.6589	5.0940	1.1600	6.587	1.7028	14.7808	1.70263
8500	-1.0139	0.7126	5.1002	1.1619	6.649	1.7119	14.8168	1.71168
8600	-0.9688	0.7650	5.1062	1.1637	6.711	1.7208	14.8501	1.72055
8700	-0.9250	0.8160	5.1121	1.1655	6.772	1.7295	14.8809	1.72924
8800	-0.8823	0.8658	5.1179	1.1673	6.833	1.7380	14.9093	1.73775
8900	-0.8408	0.9143	5.1236	1.1692	6.894	1.7464	14.9352	1.74607
9000	-0.8004	0.9616	5.1291	1.1711	6.954	1.7545	14.9589	1.75422
9100	-0.7610	1.0078	5.1346	1.1729	7.014	1.7625	14.9803	1.76220
9200	-0.7226	1.0528	5.1399	1.1749	7.074	1.7704	14.9996	1.77000
9300	-0.6852	1.0968	5.1451	1.1768	7.133	1.7780	15.0169	1.77763
9400	-0.6488	1.1397	5.1501	1.1786	7.192	1.7855	15.0321	1.78510
9500	-0.6133	1.1815	5.1551	1.1804	7.251	1.7929	15.0455	1.79240
9600	-0.5787	1.2224	5.1600	1.1825	7.310	1.8000	15.0572	1.79955
9700	-0.5449	1.2624	5.1648	1.1844	7.368	1.8071	15.0671	1.80654
9800	-0.5120	1.3014	5.1695	1.1862	7.426	1.8139	15.0751	1.81337
9900	-0.4799	1.3395	5.1741	1.1881	7.483	1.8206	15.0815	1.82003
10000	-0.4486	1.3768	5.1786	1.1899	7.540	1.8271	15.0864	1.82654
10100	-0.4180	1.4132	5.1830	1.1890	7.588	1.8335	15.0897	1.83287
10200	-0.3868	1.4502	5.1875	1.1910	7.646	1.8402	15.0989	1.83948
10300	-0.3577	1.4851	5.1918	1.1956	7.711	1.8462	15.0994	1.84554
10400	-0.3293	1.5190	5.1960	1.1976	7.767	1.8522	15.0983	1.85143
10500	-0.3016	1.5522	5.2000	1.1994	7.822	1.8579	15.0957	1.85716
10600	-0.2744	1.5849	5.2041	1.2009	7.876	1.8636	15.0924	1.86279
10700	-0.2478	1.6168	5.2080	1.2029	7.932	1.8691	15.0879	1.86828
10800	-0.2219	1.6480	5.2119	1.2045	7.985	1.8745	15.0820	1.87362
10900	-0.1964	1.6787	5.2157	1.2059	8.038	1.8798	15.0759	1.87887
11000	-0.1715	1.7087	5.2195	1.2080	8.093	1.8849	15.0682	1.88398
11100	-0.1472	1.7381	5.2231	1.2097	8.146	1.8899	15.0595	1.88896
11200	-0.1233	1.7670	5.2268	1.2113	8.199	1.8948	15.0505	1.89387
11300	-0.1001	1.7952	5.2303	1.2132	8.252	1.8995	15.0399	1.89858
11400	-0.0772	1.8230	5.2338	1.2140	8.302	1.9042	15.0294	1.90324
11500	-0.0546	1.8504	5.2373	1.2156	8.353	1.9088	15.0184	1.90785
11600	-0.0326	1.8772	5.2407	1.2173	8.405	1.9132	15.0062	1.91230
11700	-0.0109	1.9036	5.2441	1.2186	8.456	1.9176	14.9940	1.91668
11800	0.0103	1.9296	5.2474	1.2200	8.506	1.9219	14.9809	1.92096
11900	0.0313	1.9551	5.2507	1.2212	8.555	1.9261	14.9679	1.92520
12000	0.0517	1.9801	5.2539	1.2225	8.605	1.9302	14.9536	1.92928

S/R= 47.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12100	0.0719	2.0048	5.2571	1.2238	8.654	1.9342	14.9396	1.93333
12200	0.0918	2.0291	5.2603	1.2247	8.702	1.9381	14.9249	1.93729
12300	0.1114	2.0532	5.2634	1.2259	8.751	1.9420	14.9107	1.94122
12400	0.1306	2.0768	5.2665	1.2270	8.799	1.9458	14.8955	1.94505
12500	0.1497	2.1001	5.2695	1.2278	8.845	1.9495	14.8807	1.94884
12600	0.1684	2.1231	5.2725	1.2290	8.893	1.9532	14.8654	1.95256
12700	0.1868	2.1458	5.2755	1.2298	8.940	1.9568	14.8499	1.95623
12800	0.2050	2.1681	5.2785	1.2306	8.986	1.9603	14.8344	1.95983
12900	0.2230	2.1903	5.2814	1.2313	9.031	1.9638	14.8191	1.96341
13000	0.2407	2.2121	5.2843	1.2319	9.077	1.9672	14.8036	1.96694
13100	0.2582	2.2337	5.2872	1.2326	9.122	1.9705	14.7880	1.97041
13200	0.2755	2.2550	5.2900	1.2335	9.167	1.9738	14.7724	1.97385
13300	0.2926	2.2761	5.2928	1.2339	9.211	1.9771	14.7569	1.97725
13400	0.3096	2.2970	5.2957	1.2343	9.255	1.9803	14.7417	1.98065
13500	0.3263	2.3176	5.2984	1.2348	9.299	1.9835	14.7263	1.98397
13600	0.3429	2.3381	5.3012	1.2350	9.341	1.9866	14.7112	1.98730
13700	0.3593	2.3584	5.3039	1.2354	9.384	1.9898	14.6963	1.99059
13800	0.3755	2.3784	5.3067	1.2356	9.426	1.9928	14.6815	1.99387
13900	0.3917	2.3984	5.3094	1.2353	9.466	1.9959	14.6671	1.99716
14000	0.4077	2.4182	5.3121	1.2364	9.512	1.9989	14.6530	2.00036
14100	0.4234	2.4376	5.3147	1.2371	9.556	2.0019	14.6383	2.00360
14200	0.4391	2.4570	5.3174	1.2365	9.594	2.0048	14.6244	2.00682
14300	0.4546	2.4763	5.3200	1.2367	9.636	2.0077	14.6107	2.01002
14400	0.4701	2.4953	5.3226	1.2369	9.677	2.0106	14.5973	2.01321
14500	0.4854	2.5143	5.3252	1.2368	9.717	2.0135	14.5840	2.01638
14600	0.5005	2.5330	5.3278	1.2364	9.756	2.0163	14.5708	2.01954
14700	0.5157	2.5517	5.3304	1.2363	9.796	2.0191	14.5584	2.02274
14800	0.5306	2.5703	5.3330	1.2367	9.837	2.0219	14.5457	2.02590
14900	0.5455	2.5887	5.3356	1.2363	9.876	2.0247	14.5337	2.02909
15000	0.5603	2.6070	5.3381	1.2358	9.914	2.0275	14.5219	2.03226

S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-6.8397	-5.7238	4.2943	1.0846	3.181	1.0491	5.7923	1.04908
3500	-6.6302	-5.4966	4.3344	1.0839	3.245	1.0616	6.1703	1.06157
3600	-6.4179	-5.2666	4.3730	1.0829	3.310	1.0749	6.5570	1.07493
3700	-6.2059	-5.0371	4.4098	1.0826	3.377	1.0889	6.9433	1.08893
3800	-5.9959	-4.8098	4.4447	1.0828	3.446	1.1035	7.3274	1.10348
3900	-5.7898	-4.5866	4.4777	1.0834	3.515	1.1184	7.7030	1.11839
4000	-5.5886	-4.3685	4.5088	1.0842	3.585	1.1336	8.0683	1.13358
4100	-5.3927	-4.1560	4.5383	1.0852	3.656	1.1490	8.4231	1.14899
4200	-5.2028	-3.9498	4.5660	1.0864	3.728	1.1645	8.7651	1.16452
4300	-5.0187	-3.7497	4.5923	1.0877	3.799	1.1802	9.0957	1.18017
4400	-4.8411	-3.5564	4.6171	1.0891	3.871	1.1958	9.4113	1.19582
4500	-4.6693	-3.3691	4.6407	1.0905	3.943	1.2115	9.7157	1.21151
4600	-4.5038	-3.1885	4.6630	1.0921	4.015	1.2271	10.0056	1.22715
4700	-4.3442	-3.0141	4.6842	1.0937	4.087	1.2427	10.2832	1.24275
4800	-4.1903	-2.8456	4.7045	1.0953	4.159	1.2583	10.5490	1.25829
4900	-4.0419	-2.6830	4.7238	1.0970	4.231	1.2737	10.8033	1.27375
5000	-3.8991	-2.5263	4.7421	1.0989	4.304	1.2891	11.0448	1.28910
5100	-3.7611	-2.3745	4.7598	1.1006	4.376	1.3046	11.2788	1.30460
5200	-3.6286	-2.2285	4.7766	1.1022	4.447	1.3197	11.4985	1.31969
5300	-3.5008	-2.0876	4.7928	1.1039	4.519	1.3346	11.7079	1.33464
5400	-3.3775	-1.9514	4.8082	1.1056	4.590	1.3495	11.9076	1.34945

S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5500	-3.2586	-1.8198	4.8231	1.1073	4.661	1.3641	12.0981	1.36411
5600	-3.1439	-1.6926	4.8374	1.1091	4.732	1.3786	12.2798	1.37863
5700	-3.0330	-1.5696	4.8512	1.1109	4.803	1.3930	12.4532	1.39300
5800	-2.9260	-1.4506	4.8644	1.1126	4.873	1.4072	12.6182	1.40721
5900	-2.8226	-1.3354	4.8772	1.1144	4.943	1.4213	12.7758	1.42127
6000	-2.7226	-1.2240	4.8896	1.1163	5.014	1.4352	12.9256	1.43516
6100	-2.6263	-1.1163	4.9015	1.1182	5.084	1.4488	13.0680	1.44885
6200	-2.5331	-1.0121	4.9131	1.1200	5.153	1.4624	13.2035	1.46236
6300	-2.4431	-0.9111	4.9242	1.1218	5.222	1.4757	13.3324	1.47568
6400	-2.3560	-0.8133	4.9351	1.1236	5.291	1.4888	13.4550	1.48882
6500	-2.2717	-0.7185	4.9455	1.1254	5.360	1.5018	13.5717	1.50178
6600	-2.1900	-0.6266	4.9557	1.1271	5.428	1.5146	13.6825	1.51454
6700	-2.1110	-0.5375	4.9656	1.1290	5.496	1.5271	13.7879	1.52711
6800	-2.0345	-0.4510	4.9751	1.1308	5.564	1.5395	13.8879	1.53949
6900	-1.9604	-0.3671	4.9844	1.1327	5.631	1.5517	13.9827	1.55167
7000	-1.8886	-0.2857	4.9935	1.1345	5.699	1.5637	14.0727	1.56367
7100	-1.8190	-0.2067	5.0023	1.1364	5.765	1.5755	14.1578	1.57547
7200	-1.7516	-0.1300	5.0108	1.1382	5.832	1.5871	14.2382	1.58707
7300	-1.6862	-0.0555	5.0191	1.1401	5.898	1.5985	14.3143	1.59848
7400	-1.6228	0.0168	5.0272	1.1420	5.964	1.6097	14.3862	1.60969
7500	-1.5613	0.0871	5.0350	1.1439	6.030	1.6208	14.4538	1.62071
7600	-1.5016	0.1554	5.0427	1.1458	6.095	1.6316	14.5175	1.63152
7700	-1.4437	0.2218	5.0502	1.1476	6.160	1.6422	14.5774	1.64213
7800	-1.3875	0.2864	5.0574	1.1495	6.225	1.6526	14.6336	1.65254
7900	-1.3328	0.3492	5.0645	1.1513	6.289	1.6629	14.6864	1.66276
8000	-1.2798	0.4104	5.0715	1.1531	6.353	1.6729	14.7358	1.67278
8100	-1.2283	0.4698	5.0782	1.1550	6.416	1.6827	14.7821	1.68259
8200	-1.1782	0.5277	5.0848	1.1568	6.479	1.6923	14.8252	1.69220
8300	-1.1295	0.5841	5.0913	1.1585	6.541	1.7018	14.8655	1.70164
8400	-1.0821	0.6391	5.0975	1.1604	6.604	1.7110	14.9028	1.71087
8500	-1.0360	0.6926	5.1037	1.1623	6.666	1.7201	14.9376	1.71991
8600	-0.9912	0.7447	5.1097	1.1641	6.728	1.7290	14.9694	1.72877
8700	-0.9476	0.7955	5.1156	1.1659	6.789	1.7377	14.9991	1.73744
8800	-0.9051	0.8450	5.1213	1.1678	6.850	1.7462	15.0261	1.74594
8900	-0.8638	0.8933	5.1269	1.1698	6.911	1.7545	15.0506	1.75424
9000	-0.8236	0.9404	5.1324	1.1716	6.972	1.7627	15.0730	1.76237
9100	-0.7844	0.9863	5.1378	1.1735	7.032	1.7706	15.0930	1.77031
9200	-0.7463	1.0311	5.1431	1.1755	7.092	1.7784	15.1109	1.77808
9300	-0.7092	1.0748	5.1482	1.1774	7.151	1.7860	15.1267	1.78567
9400	-0.6730	1.1174	5.1533	1.1792	7.210	1.7935	15.1406	1.79310
9500	-0.6377	1.1591	5.1582	1.1812	7.269	1.8008	15.1525	1.80036
9600	-0.6033	1.1997	5.1631	1.1832	7.328	1.8079	15.1628	1.80746
9700	-0.5698	1.2394	5.1678	1.1851	7.386	1.8149	15.1711	1.81440
9800	-0.5371	1.2782	5.1724	1.1870	7.444	1.8217	15.1778	1.82117
9900	-0.5053	1.3160	5.1770	1.1889	7.502	1.8283	15.1827	1.82779
10000	-0.4742	1.3530	5.1814	1.1907	7.558	1.8348	15.1861	1.83423
10100	-0.4439	1.3891	5.1858	1.1898	7.606	1.8411	15.1879	1.84050
10200	-0.4129	1.4259	5.1903	1.1918	7.664	1.8477	15.1955	1.84705
10300	-0.3840	1.4605	5.1945	1.1965	7.729	1.8537	15.1946	1.85305
10400	-0.3559	1.4942	5.1987	1.1985	7.785	1.8595	15.1920	1.85887
10500	-0.3284	1.5271	5.2027	1.2003	7.840	1.8652	15.1880	1.86454
10600	-0.3014	1.5595	5.2067	1.2018	7.894	1.8708	15.1832	1.87010
10700	-0.2751	1.5912	5.2106	1.2038	7.950	1.8762	15.1772	1.87551
10800	-0.2494	1.6221	5.2144	1.2055	8.003	1.8815	15.1700	1.88078
10900	-0.2242	1.6526	5.2182	1.2068	8.056	1.8867	15.1624	1.88597

S/R= 47.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11000	-0.1995	1.6824	5.2219	1.2088	8.111	1.8918	15.1537	1.89102
11100	-0.1754	1.7115	5.2256	1.2105	8.164	1.8967	15.1436	1.89593
11200	-0.1517	1.7402	5.2292	1.2122	8.216	1.9015	15.1334	1.90076
11300	-0.1286	1.7682	5.2327	1.2141	8.269	1.9062	15.1215	1.90540
11400	-0.1059	1.7958	5.2362	1.2150	8.319	1.9108	15.1096	1.90999
11500	-0.0836	1.8230	5.2396	1.2165	8.371	1.9153	15.0975	1.91453
11600	-0.0618	1.8495	5.2430	1.2181	8.422	1.9197	15.0839	1.91890
11700	-0.0402	1.8757	5.2463	1.2193	8.472	1.9240	15.0705	1.92322
11800	-0.0191	1.9015	5.2496	1.2206	8.522	1.9282	15.0565	1.92744
11900	0.0017	1.9269	5.2529	1.2218	8.571	1.9323	15.0426	1.93163
12000	0.0220	1.9517	5.2561	1.2232	8.621	1.9363	15.0274	1.93565
12100	0.0420	1.9763	5.2592	1.2245	8.670	1.9402	15.0123	1.93963
12200	0.0618	2.0004	5.2624	1.2253	8.718	1.9441	14.9966	1.94354
12300	0.0813	2.0243	5.2655	1.2265	8.766	1.9479	14.9814	1.94741
12400	0.1003	2.0478	5.2685	1.2275	8.814	1.9516	14.9654	1.95118
12500	0.1192	2.0710	5.2715	1.2282	8.860	1.9553	14.9496	1.95492
12600	0.1379	2.0938	5.2745	1.2294	8.908	1.9589	14.9335	1.95859
12700	0.1562	2.1164	5.2775	1.2302	8.954	1.9624	14.9174	1.96221
12800	0.1743	2.1386	5.2804	1.2307	8.999	1.9659	14.9012	1.96577
12900	0.1922	2.1607	5.2833	1.2313	9.044	1.9693	14.8852	1.96932
13000	0.2099	2.1825	5.2862	1.2321	9.090	1.9727	14.8690	1.97281
13100	0.2273	2.2040	5.2891	1.2329	9.135	1.9760	14.8529	1.97625
13200	0.2445	2.2252	5.2919	1.2335	9.180	1.9792	14.8368	1.97965
13300	0.2616	2.2462	5.2947	1.2338	9.223	1.9824	14.8207	1.98301
13400	0.2785	2.2671	5.2975	1.2343	9.267	1.9856	14.8050	1.98638
13500	0.2951	2.2876	5.3003	1.2348	9.311	1.9887	14.7891	1.98967
13600	0.3117	2.3081	5.3030	1.2349	9.353	1.9919	14.7736	1.99298
13700	0.3280	2.3283	5.3058	1.2351	9.395	1.9949	14.7583	1.99626
13800	0.3443	2.3483	5.3085	1.2354	9.438	1.9980	14.7431	1.99952
13900	0.3604	2.3682	5.3112	1.2349	9.477	2.0010	14.7283	2.00278
14000	0.3764	2.3880	5.3139	1.2360	9.522	2.0039	14.7139	2.00597
14100	0.3921	2.4074	5.3165	1.2367	9.566	2.0069	14.6991	2.00922
14200	0.4078	2.4268	5.3192	1.2360	9.604	2.0098	14.6848	2.01242
14300	0.4233	2.4460	5.3218	1.2362	9.646	2.0127	14.6709	2.01561
14400	0.4388	2.4651	5.3244	1.2364	9.687	2.0156	14.6571	2.01880
14500	0.4541	2.4840	5.3270	1.2363	9.727	2.0184	14.6437	2.02197
14600	0.4693	2.5028	5.3296	1.2358	9.765	2.0212	14.6304	2.02513
14700	0.4844	2.5215	5.3322	1.2357	9.805	2.0240	14.6177	2.02832
14800	0.4994	2.5400	5.3348	1.2360	9.846	2.0268	14.6050	2.03148
14900	0.5143	2.5585	5.3373	1.2356	9.885	2.0295	14.5929	2.03467
15000	0.5291	2.5768	5.3399	1.2352	9.923	2.0323	14.5809	2.03785

S/R= 47.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-6.8862	-5.7692	4.3010	1.0836	3.183	1.0517	5.8823	1.05171
3500	-6.6727	-5.5378	4.3413	1.0830	3.248	1.0645	6.2694	1.06455
3600	-6.4569	-5.3043	4.3800	1.0822	3.314	1.0782	6.6636	1.07823
3700	-6.2420	-5.0718	4.4168	1.0820	3.382	1.0925	7.0562	1.09252
3800	-6.0296	-4.8419	4.4517	1.0823	3.451	1.1073	7.4456	1.10733
3900	-5.8214	-4.6166	4.4846	1.0830	3.521	1.1225	7.8256	1.12249
4000	-5.6185	-4.3967	4.5156	1.0838	3.592	1.1379	8.1945	1.13791
4100	-5.4211	-4.1827	4.5449	1.0849	3.663	1.1535	8.5524	1.15352
4200	-5.2300	-3.9752	4.5725	1.0861	3.735	1.1693	8.8969	1.16926
4300	-5.0447	-3.7739	4.5987	1.0874	3.807	1.1851	9.2296	1.18509

S/R= 47.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-4.8662	-3.5796	4.6233	1.0889	3.879	1.2009	9.5471	1.20092
4500	-4.6936	-3.3916	4.6468	1.0903	3.951	1.2168	9.8530	1.21678
4600	-4.5274	-3.2102	4.6690	1.0919	4.024	1.2326	10.1442	1.23259
4700	-4.3672	-3.0352	4.6901	1.0935	4.096	1.2483	10.4229	1.24834
4800	-4.2127	-2.8661	4.7102	1.0951	4.168	1.2640	10.6895	1.26403
4900	-4.0639	-2.7031	4.7294	1.0968	4.241	1.2796	10.9444	1.27963
5000	-3.9207	-2.5459	4.7477	1.0987	4.313	1.2951	11.1865	1.29512
5100	-3.7823	-2.3936	4.7653	1.1005	4.386	1.3108	11.4211	1.31076
5200	-3.6495	-2.2474	4.7820	1.1021	4.458	1.3260	11.6410	1.32598
5300	-3.5215	-2.1062	4.7980	1.1038	4.529	1.3410	11.8505	1.34105
5400	-3.3980	-1.9697	4.8134	1.1055	4.601	1.3560	12.0505	1.35598
5500	-3.2789	-1.8380	4.8282	1.1073	4.672	1.3708	12.2410	1.37075
5600	-3.1639	-1.7106	4.8424	1.1091	4.743	1.3854	12.4227	1.38539
5700	-3.0530	-1.5874	4.8561	1.1108	4.814	1.3999	12.5958	1.39986
5800	-2.9458	-1.4683	4.8693	1.1126	4.885	1.4142	12.7608	1.41417
5900	-2.8423	-1.3531	4.8820	1.1144	4.956	1.4283	12.9179	1.42834
6000	-2.7423	-1.2415	4.8943	1.1163	5.026	1.4423	13.0676	1.44232
6100	-2.6459	-1.1338	4.9062	1.1182	5.096	1.4561	13.2096	1.45610
6200	-2.5527	-1.0295	4.9177	1.1200	5.166	1.4697	13.3446	1.46969
6300	-2.4627	-0.9286	4.9288	1.1218	5.235	1.4831	13.4731	1.48310
6400	-2.3755	-0.8307	4.9396	1.1236	5.305	1.4963	13.5952	1.49632
6500	-2.2913	-0.7360	4.9500	1.1254	5.373	1.5094	13.7113	1.50935
6600	-2.2097	-0.6441	4.9601	1.1272	5.442	1.5222	13.8215	1.52218
6700	-2.1307	-0.5550	4.9699	1.1291	5.510	1.5348	13.9262	1.53481
6800	-2.0542	-0.4686	4.9794	1.1309	5.578	1.5473	14.0255	1.54726
6900	-1.9802	-0.3848	4.9887	1.1328	5.646	1.5595	14.1196	1.55950
7000	-1.9085	-0.3034	4.9977	1.1346	5.713	1.5716	14.2088	1.57155
7100	-1.8390	-0.2245	5.0064	1.1365	5.780	1.5834	14.2930	1.58340
7200	-1.7717	-0.1479	5.0149	1.1384	5.847	1.5951	14.3726	1.59504
7300	-1.7064	-0.0736	5.0231	1.1403	5.914	1.6065	14.4478	1.60650
7400	-1.6431	-0.0013	5.0312	1.1422	5.980	1.6178	14.5186	1.61774
7500	-1.5817	0.0688	5.0390	1.1441	6.046	1.6288	14.5854	1.62879
7600	-1.5222	0.1370	5.0466	1.1460	6.111	1.6397	14.6480	1.63963
7700	-1.4644	0.2032	5.0540	1.1479	6.176	1.6503	14.7069	1.65027
7800	-1.4084	0.2676	5.0612	1.1498	6.241	1.6608	14.7620	1.66069
7900	-1.3539	0.3303	5.0683	1.1516	6.305	1.6710	14.8137	1.67093
8000	-1.3011	0.3912	5.0752	1.1534	6.369	1.6811	14.8620	1.68096
8100	-1.2497	0.4505	5.0819	1.1553	6.433	1.6909	14.9070	1.69078
8200	-1.1998	0.5082	5.0884	1.1571	6.496	1.7005	14.9490	1.70039
8300	-1.1513	0.5644	5.0948	1.1589	6.558	1.7100	14.9880	1.70983
8400	-1.1041	0.6191	5.1011	1.1608	6.621	1.7192	15.0241	1.71906
8500	-1.0582	0.6724	5.1072	1.1628	6.683	1.7283	15.0574	1.72809
8600	-1.0136	0.7243	5.1131	1.1646	6.745	1.7371	15.0881	1.73693
8700	-0.9702	0.7749	5.1190	1.1665	6.807	1.7458	15.1163	1.74558
8800	-0.9280	0.8242	5.1247	1.1683	6.868	1.7543	15.1419	1.75406
8900	-0.8869	0.8722	5.1302	1.1703	6.929	1.7626	15.1651	1.76234
9000	-0.8469	0.9190	5.1357	1.1722	6.989	1.7707	15.1860	1.77043
9100	-0.8080	0.9647	5.1410	1.1741	7.049	1.7786	15.2046	1.77834
9200	-0.7701	1.0092	5.1462	1.1761	7.110	1.7864	15.2211	1.78608
9300	-0.7332	1.0527	5.1513	1.1781	7.169	1.7940	15.2355	1.79362
9400	-0.6973	1.0950	5.1563	1.1799	7.228	1.8014	15.2478	1.80101
9500	-0.6623	1.1364	5.1612	1.1819	7.287	1.8086	15.2583	1.80822
9600	-0.6282	1.1767	5.1660	1.1839	7.346	1.8157	15.2670	1.81527
9700	-0.5949	1.2162	5.1707	1.1859	7.404	1.8226	15.2739	1.82216
9800	-0.5625	1.2547	5.1753	1.1878	7.462	1.8293	15.2790	1.82887

S/R= 47.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	-0.5308	1.2922	5.1798	1.1897	7.520	1.8359	15.2824	1.83542
10000	-0.5000	1.3289	5.1842	1.1916	7.577	1.8423	15.2843	1.84181
10100	-0.4700	1.3648	5.1886	1.1907	7.625	1.8485	15.2845	1.84801
10200	-0.4393	1.4012	5.1930	1.1927	7.682	1.8550	15.2905	1.85449
10300	-0.4106	1.4356	5.1972	1.1973	7.747	1.8610	15.2881	1.86042
10400	-0.3827	1.4690	5.2013	1.1993	7.803	1.8668	15.2841	1.86618
10500	-0.3555	1.5017	5.2053	1.2012	7.858	1.8724	15.2787	1.87177
10600	-0.3287	1.5338	5.2092	1.2027	7.912	1.8779	15.2725	1.87726
10700	-0.3027	1.5652	5.2131	1.2048	7.968	1.8832	15.2649	1.88260
10800	-0.2772	1.5959	5.2169	1.2064	8.021	1.8884	15.2563	1.88779
10900	-0.2522	1.6261	5.2206	1.2077	8.074	1.8936	15.2472	1.89290
11000	-0.2277	1.6557	5.2243	1.2097	8.128	1.8985	15.2371	1.89788
11100	-0.2038	1.6847	5.2279	1.2114	8.181	1.9034	15.2260	1.90273
11200	-0.1803	1.7131	5.2315	1.2131	8.234	1.9081	15.2145	1.90749
11300	-0.1575	1.7409	5.2350	1.2149	8.287	1.9127	15.2014	1.91206
11400	-0.1350	1.7682	5.2384	1.2159	8.336	1.9172	15.1881	1.91658
11500	-0.1128	1.7952	5.2418	1.2175	8.388	1.9216	15.1748	1.92104
11600	-0.0911	1.8216	5.2452	1.2190	8.439	1.9259	15.1602	1.92534
11700	-0.0698	1.8476	5.2485	1.2201	8.488	1.9302	15.1456	1.92959
11800	-0.0489	1.8731	5.2517	1.2213	8.538	1.9343	15.1304	1.93374
11900	-0.0282	1.8984	5.2550	1.2224	8.587	1.9384	15.1154	1.93787
12000	-0.0080	1.9231	5.2581	1.2237	8.636	1.9423	15.0993	1.94184
12100	0.0119	1.9475	5.2613	1.2251	8.686	1.9462	15.0832	1.94578
12200	0.0315	1.9715	5.2644	1.2259	8.733	1.9499	15.0668	1.94962
12300	0.0509	1.9952	5.2675	1.2271	8.781	1.9537	15.0507	1.95344
12400	0.0698	2.0185	5.2705	1.2280	8.828	1.9573	15.0338	1.95715
12500	0.0886	2.0416	5.2735	1.2286	8.874	1.9609	15.0172	1.96083
12600	0.1071	2.0643	5.2765	1.2298	8.922	1.9645	15.0003	1.96445
12700	0.1254	2.0868	5.2794	1.2305	8.968	1.9679	14.9835	1.96802
12800	0.1434	2.1089	5.2823	1.2310	9.012	1.9713	14.9665	1.97155
12900	0.1612	2.1309	5.2852	1.2315	9.057	1.9747	14.9499	1.97505
13000	0.1788	2.1526	5.2881	1.2321	9.102	1.9780	14.9332	1.97852
13100	0.1962	2.1740	5.2909	1.2327	9.147	1.9813	14.9166	1.98193
13200	0.2134	2.1952	5.2938	1.2335	9.192	1.9845	14.8998	1.98531
13300	0.2304	2.2162	5.2966	1.2338	9.236	1.9877	14.8834	1.98864
13400	0.2472	2.2370	5.2993	1.2342	9.279	1.9908	14.8671	1.99198
13500	0.2638	2.2575	5.3021	1.2346	9.322	1.9939	14.8508	1.99524
13600	0.2804	2.2779	5.3048	1.2346	9.364	1.9969	14.8349	1.99853
13700	0.2967	2.2980	5.3075	1.2349	9.406	2.0000	14.8192	2.00178
13800	0.3129	2.3180	5.3103	1.2352	9.449	2.0030	14.8037	2.00502
13900	0.3290	2.3379	5.3129	1.2345	9.488	2.0060	14.7886	2.00827
14000	0.3450	2.3577	5.3156	1.2354	9.532	2.0089	14.7739	2.01146
14100	0.3607	2.3771	5.3183	1.2364	9.577	2.0118	14.7588	2.01469
14200	0.3764	2.3965	5.3209	1.2355	9.614	2.0147	14.7444	2.01790
14300	0.3920	2.4157	5.3235	1.2355	9.655	2.0176	14.7303	2.02108
14400	0.4074	2.4348	5.3262	1.2358	9.696	2.0204	14.7163	2.02427
14500	0.4227	2.4538	5.3288	1.2357	9.737	2.0232	14.7028	2.02744
14600	0.4379	2.4725	5.3314	1.2352	9.775	2.0260	14.6893	2.03060
14700	0.4531	2.4913	5.3339	1.2349	9.814	2.0288	14.6763	2.03380
14800	0.4681	2.5098	5.3365	1.2353	9.855	2.0316	14.6636	2.03696
14900	0.4831	2.5283	5.3391	1.2350	9.894	2.0343	14.6515	2.04016
15000	0.4979	2.5466	5.3416	1.2344	9.931	2.0370	14.6394	2.04335

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-6.9317	-5.8136	4.3078	1.0826	3.186	1.0544	5.9748	1.05442
3500	-6.7141	-5.5780	4.3483	1.0821	3.252	1.0676	6.3706	1.06759
3600	-6.4950	-5.3410	4.3870	1.0815	3.318	1.0816	6.7722	1.08158
3700	-6.2773	-5.1056	4.4238	1.0815	3.387	1.0962	7.1708	1.09616
3800	-6.0625	-4.8733	4.4586	1.0818	3.456	1.1112	7.5652	1.11123
3900	-5.8524	-4.6459	4.4914	1.0826	3.527	1.1266	7.9495	1.12663
4000	-5.6478	-4.4244	4.5223	1.0835	3.598	1.1423	8.3220	1.14227
4100	-5.4490	-4.2089	4.5514	1.0846	3.670	1.1581	8.6827	1.15810
4200	-5.2566	-4.0001	4.5789	1.0859	3.742	1.1740	9.0296	1.17403
4300	-5.0704	-3.7977	4.6050	1.0872	3.814	1.1901	9.3644	1.19005
4400	-4.8909	-3.6025	4.6295	1.0886	3.887	1.2061	9.6836	1.20606
4500	-4.7175	-3.4136	4.6528	1.0901	3.959	1.2221	9.9910	1.22209
4600	-4.5506	-3.2315	4.6749	1.0918	4.032	1.2381	10.2835	1.23805
4700	-4.3899	-3.0559	4.6959	1.0934	4.105	1.2540	10.5632	1.25396
4800	-4.2349	-2.8864	4.7159	1.0950	4.178	1.2698	10.8305	1.26980
4900	-4.0857	-2.7228	4.7350	1.0967	4.250	1.2855	11.0860	1.28554
5000	-3.9421	-2.5652	4.7532	1.0986	4.323	1.3012	11.3288	1.30117
5100	-3.8033	-2.4126	4.7707	1.1004	4.396	1.3169	11.5638	1.31694
5200	-3.6702	-2.2660	4.7873	1.1020	4.468	1.3323	11.7838	1.33228
5300	-3.5419	-2.1245	4.8032	1.1037	4.540	1.3475	11.9936	1.34748
5400	-3.4182	-1.9879	4.8185	1.1055	4.612	1.3625	12.1937	1.36253
5500	-3.2990	-1.8559	4.8332	1.1072	4.683	1.3774	12.3842	1.37741
5600	-3.1839	-1.7284	4.8474	1.1090	4.755	1.3922	12.5658	1.39215
5700	-3.0728	-1.6051	4.8610	1.1108	4.826	1.4067	12.7387	1.40673
5800	-2.9655	-1.4859	4.8741	1.1126	4.897	1.4211	12.9035	1.42115
5900	-2.8619	-1.3705	4.8868	1.1144	4.968	1.4354	13.0604	1.43540
6000	-2.7619	-1.2589	4.8990	1.1163	5.039	1.4495	13.2097	1.44948
6100	-2.6654	-1.1511	4.9109	1.1182	5.109	1.4633	13.3512	1.46335
6200	-2.5722	-1.0468	4.9223	1.1200	5.179	1.4770	13.4859	1.47703
6300	-2.4822	-0.9459	4.9333	1.1219	5.249	1.4905	13.6138	1.49052
6400	-2.3950	-0.8480	4.9440	1.1237	5.318	1.5038	13.7354	1.50381
6500	-2.3108	-0.7533	4.9544	1.1255	5.387	1.5169	13.8509	1.51691
6600	-2.2292	-0.6615	4.9644	1.1273	5.456	1.5298	13.9605	1.52982
6700	-2.1503	-0.5724	4.9742	1.1292	5.524	1.5425	14.0643	1.54251
6800	-2.0739	-0.4861	4.9837	1.1311	5.592	1.5550	14.1630	1.55502
6900	-2.0000	-0.4023	4.9929	1.1329	5.660	1.5673	14.2562	1.56731
7000	-1.9283	-0.3211	5.0018	1.1348	5.728	1.5794	14.3446	1.57941
7100	-1.8589	-0.2423	5.0105	1.1367	5.795	1.5913	14.4281	1.59131
7200	-1.7917	-0.1658	5.0189	1.1386	5.862	1.6030	14.5066	1.60299
7300	-1.7266	-0.0916	5.0271	1.1405	5.929	1.6145	14.5810	1.61449
7400	-1.6634	-0.0195	5.0351	1.1424	5.995	1.6258	14.6508	1.62577
7500	-1.6022	0.0505	5.0429	1.1444	6.061	1.6369	14.7164	1.63685
7600	-1.5428	0.1185	5.0504	1.1463	6.127	1.6478	14.7781	1.64771
7700	-1.4852	0.1846	5.0578	1.1481	6.192	1.6584	14.8359	1.65837
7800	-1.4293	0.2488	5.0650	1.1500	6.257	1.6689	14.8899	1.66882
7900	-1.3750	0.3113	5.0720	1.1519	6.321	1.6792	14.9403	1.67906
8000	-1.3223	0.3720	5.0788	1.1538	6.385	1.6892	14.9875	1.68910
8100	-1.2712	0.4311	5.0855	1.1557	6.449	1.6990	15.0313	1.69893
8200	-1.2215	0.4886	5.0920	1.1575	6.512	1.7087	15.0720	1.70854
8300	-1.1732	0.5446	5.0983	1.1593	6.575	1.7181	15.1098	1.71797
8400	-1.1262	0.5991	5.1045	1.1612	6.638	1.7273	15.1445	1.72718
8500	-1.0806	0.6521	5.1106	1.1632	6.700	1.7364	15.1766	1.73621
8600	-1.0362	0.7038	5.1165	1.1651	6.762	1.7452	15.2058	1.74503
8700	-0.9930	0.7541	5.1223	1.1670	6.824	1.7539	15.2325	1.75365
8800	-0.9510	0.8031	5.1279	1.1689	6.885	1.7623	15.2569	1.76210

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8900	-0.9102	0.8509	5.1335	1.1709	6.946	1.7706	15.2785	1.77035
9000	-0.8704	0.8975	5.1389	1.1728	7.007	1.7787	15.2980	1.77842
9100	-0.8318	0.9429	5.1442	1.1747	7.067	1.7866	15.3152	1.78629
9200	-0.7941	0.9871	5.1493	1.1768	7.127	1.7943	15.3301	1.79398
9300	-0.7575	1.0303	5.1544	1.1788	7.187	1.8018	15.3429	1.80148
9400	-0.7218	1.0724	5.1593	1.1806	7.246	1.8091	15.3537	1.80881
9500	-0.6870	1.1135	5.1642	1.1826	7.305	1.8163	15.3626	1.81598
9600	-0.6532	1.1536	5.1689	1.1847	7.364	1.8233	15.3698	1.82297
9700	-0.6202	1.1927	5.1736	1.1866	7.422	1.8302	15.3752	1.82980
9800	-0.5880	1.2309	5.1781	1.1886	7.480	1.8369	15.3788	1.83645
9900	-0.5566	1.2682	5.1826	1.1906	7.538	1.8434	15.3807	1.84294
10000	-0.5261	1.3046	5.1870	1.1925	7.595	1.8497	15.3811	1.84926
10100	-0.4963	1.3402	5.1913	1.1917	7.643	1.8559	15.3796	1.85539
10200	-0.4659	1.3763	5.1957	1.1937	7.700	1.8623	15.3839	1.86179
10300	-0.4375	1.4104	5.1998	1.1982	7.765	1.8681	15.3800	1.86765
10400	-0.4098	1.4436	5.2038	1.2002	7.821	1.8739	15.3746	1.87334
10500	-0.3828	1.4760	5.2078	1.2021	7.876	1.8794	15.3677	1.87886
10600	-0.3563	1.5079	5.2117	1.2037	7.930	1.8848	15.3601	1.88428
10700	-0.3305	1.5390	5.2155	1.2058	7.985	1.8901	15.3511	1.88954
10800	-0.3052	1.5695	5.2193	1.2074	8.039	1.8952	15.3410	1.89465
10900	-0.2804	1.5994	5.2230	1.2088	8.091	1.9002	15.3305	1.89968
11000	-0.2562	1.6287	5.2266	1.2107	8.145	1.9051	15.3189	1.90458
11100	-0.2325	1.6574	5.2302	1.2122	8.198	1.9099	15.3066	1.90935
11200	-0.2092	1.6857	5.2337	1.2139	8.250	1.9146	15.2938	1.91405
11300	-0.1865	1.7133	5.2372	1.2158	8.303	1.9191	15.2796	1.91856
11400	-0.1642	1.7404	5.2406	1.2167	8.353	1.9235	15.2651	1.92300
11500	-0.1422	1.7672	5.2440	1.2183	8.404	1.9278	15.2505	1.92739
11600	-0.1208	1.7933	5.2473	1.2198	8.455	1.9320	15.2348	1.93162
11700	-0.0996	1.8191	5.2506	1.2209	8.504	1.9362	15.2190	1.93580
11800	-0.0788	1.8445	5.2538	1.2221	8.554	1.9402	15.2027	1.93988
11900	-0.0583	1.8696	5.2570	1.2231	8.602	1.9442	15.1867	1.94394
12000	-0.0383	1.8941	5.2602	1.2243	8.651	1.9481	15.1696	1.94785
12100	-0.0185	1.9184	5.2633	1.2254	8.700	1.9519	15.1528	1.95174
12200	0.0010	1.9423	5.2664	1.2263	8.747	1.9556	15.1356	1.95554
12300	0.0203	1.9659	5.2694	1.2275	8.795	1.9593	15.1185	1.95930
12400	0.0391	1.9890	5.2724	1.2284	8.842	1.9629	15.1007	1.96296
12500	0.0578	2.0120	5.2754	1.2291	8.888	1.9664	15.0833	1.96659
12600	0.0762	2.0346	5.2784	1.2301	8.935	1.9699	15.0657	1.97017
12700	0.0944	2.0570	5.2813	1.2307	8.981	1.9733	15.0482	1.97369
12800	0.1123	2.0790	5.2842	1.2311	9.025	1.9766	15.0306	1.97717
12900	0.1301	2.1009	5.2871	1.2316	9.070	1.9800	15.0133	1.98064
13000	0.1476	2.1225	5.2899	1.2322	9.115	1.9832	14.9961	1.98407
13100	0.1650	2.1439	5.2928	1.2327	9.159	1.9865	14.9789	1.98745
13200	0.1821	2.1650	5.2956	1.2332	9.203	1.9896	14.9619	1.99080
13300	0.1991	2.1860	5.2983	1.2336	9.246	1.9928	14.9449	1.99412
13400	0.2159	2.2067	5.3011	1.2341	9.290	1.9959	14.9282	1.99743
13500	0.2325	2.2272	5.3039	1.2345	9.333	1.9989	14.9115	2.00068
13600	0.2490	2.2475	5.3066	1.2344	9.375	2.0019	14.8952	2.00394
13700	0.2653	2.2677	5.3093	1.2346	9.417	2.0049	14.8792	2.00718
13800	0.2815	2.2877	5.3120	1.2348	9.459	2.0079	14.8635	2.01041
13900	0.2976	2.3076	5.3147	1.2340	9.497	2.0109	14.8481	2.01364
14000	0.3136	2.3273	5.3174	1.2350	9.542	2.0137	14.8332	2.01682
14100	0.3293	2.3467	5.3200	1.2359	9.586	2.0167	14.8179	2.02005
14200	0.3450	2.3661	5.3226	1.2349	9.623	2.0195	14.8032	2.02325
14300	0.3606	2.3854	5.3253	1.2349	9.664	2.0224	14.7889	2.02644

S/R= 48.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14400	0.3760	2.4045	5.3279	1.2351	9.705	2.0252	14.7750	2.02963
14500	0.3914	2.4234	5.3305	1.2351	9.745	2.0280	14.7612	2.03280
14600	0.4066	2.4422	5.3331	1.2346	9.784	2.0308	14.7477	2.03597
14700	0.4218	2.4610	5.3357	1.2343	9.823	2.0336	14.7347	2.03917
14800	0.4368	2.4795	5.3382	1.2344	9.863	2.0363	14.7218	2.04235
14900	0.4518	2.4980	5.3408	1.2342	9.902	2.0390	14.7095	2.04555
15000	0.4667	2.5164	5.3433	1.2337	9.940	2.0418	14.6974	2.04875

S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3400	-6.9761	-5.8569	4.3146	1.0817	3.189	1.0572	6.0695	1.05719
3500	-6.7546	-5.6173	4.3552	1.0813	3.255	1.0707	6.4740	1.07070
3600	-6.5322	-5.3769	4.3941	1.0809	3.323	1.0850	6.8828	1.08500
3700	-6.3118	-5.1387	4.4308	1.0809	3.392	1.0999	7.2872	1.09986
3800	-6.0948	-4.9040	4.4655	1.0814	3.462	1.1152	7.6864	1.11518
3900	-5.8828	-4.6747	4.4982	1.0822	3.533	1.1308	8.0747	1.13082
4000	-5.6765	-4.4514	4.5290	1.0832	3.604	1.1467	8.4507	1.14668
4100	-5.4764	-4.2345	4.5580	1.0843	3.677	1.1627	8.8141	1.16271
4200	-5.2829	-4.0246	4.5853	1.0856	3.749	1.1788	9.1634	1.17884
4300	-5.0956	-3.8211	4.6112	1.0870	3.822	1.1950	9.5002	1.19504
4400	-4.9153	-3.6250	4.6356	1.0885	3.895	1.2112	9.8210	1.21122
4500	-4.7411	-3.4353	4.6588	1.0900	3.968	1.2274	10.1298	1.22742
4600	-4.5736	-3.2526	4.6808	1.0916	4.041	1.2435	10.4235	1.24354
4700	-4.4122	-3.0763	4.7016	1.0932	4.114	1.2596	10.7041	1.25961
4800	-4.2568	-2.9063	4.7215	1.0949	4.187	1.2756	10.9721	1.27559
4900	-4.1071	-2.7423	4.7405	1.0966	4.260	1.2915	11.2283	1.29147
5000	-3.9632	-2.5843	4.7586	1.0985	4.333	1.3072	11.4716	1.30723
5100	-3.8241	-2.4313	4.7760	1.1003	4.406	1.3231	11.7069	1.32313
5200	-3.6907	-2.2845	4.7925	1.1019	4.479	1.3386	11.9272	1.33860
5300	-3.5622	-2.1427	4.8084	1.1037	4.551	1.3539	12.1372	1.35392
5400	-3.4383	-2.0059	4.8236	1.1054	4.623	1.3691	12.3372	1.36908
5500	-3.3189	-1.8737	4.8382	1.1072	4.695	1.3841	12.5276	1.38408
5600	-3.2036	-1.7460	4.8523	1.1090	4.766	1.3989	12.7091	1.39893
5700	-3.0924	-1.6226	4.8659	1.1108	4.838	1.4136	12.8820	1.41361
5800	-2.9851	-1.5033	4.8789	1.1126	4.909	1.4281	13.0465	1.42813
5900	-2.8814	-1.3879	4.8915	1.1144	4.980	1.4425	13.2030	1.44248
6000	-2.7813	-1.2762	4.9037	1.1163	5.051	1.4567	13.3519	1.45665
6100	-2.6848	-1.1684	4.9154	1.1182	5.122	1.4706	13.4930	1.47061
6200	-2.5916	-1.0641	4.9268	1.1201	5.192	1.4844	13.6270	1.48437
6300	-2.5015	-0.9631	4.9378	1.1219	5.262	1.4979	13.7546	1.49794
6400	-2.4144	-0.8653	4.9484	1.1238	5.331	1.5113	13.8754	1.51130
6500	-2.3302	-0.7706	4.9587	1.1256	5.401	1.5245	13.9904	1.52448
6600	-2.2487	-0.6788	4.9687	1.1274	5.470	1.5375	14.0993	1.53745
6700	-2.1699	-0.5898	4.9784	1.1293	5.538	1.5502	14.2025	1.55020
6800	-2.0936	-0.5035	4.9879	1.1312	5.607	1.5628	14.3004	1.56277
6900	-2.0197	-0.4199	4.9970	1.1330	5.675	1.5751	14.3929	1.57512
7000	-1.9481	-0.3388	5.0059	1.1349	5.742	1.5873	14.4803	1.58727
7100	-1.8789	-0.2601	5.0145	1.1369	5.810	1.5992	14.5628	1.59922
7200	-1.8118	-0.1837	5.0229	1.1388	5.877	1.6110	14.6405	1.61094
7300	-1.7467	-0.1096	5.0310	1.1407	5.944	1.6225	14.7137	1.62247
7400	-1.6837	-0.0377	5.0390	1.1426	6.010	1.6338	14.7827	1.63378
7500	-1.6225	0.0322	5.0467	1.1446	6.077	1.6449	14.8472	1.64489
7600	-1.5634	0.1000	5.0542	1.1466	6.143	1.6558	14.9077	1.65577
7700	-1.5060	0.1659	5.0616	1.1484	6.208	1.6665	14.9644	1.66645

S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-1.4503	0.2300	5.0687	1.1503	6.273	1.6770	15.0173	1.67691
7900	-1.3962	0.2922	5.0756	1.1522	6.337	1.6872	15.0665	1.68716
8000	-1.3437	0.3527	5.0824	1.1541	6.402	1.6973	15.1124	1.69720
8100	-1.2927	0.4116	5.0890	1.1561	6.466	1.7071	15.1550	1.70703
8200	-1.2432	0.4689	5.0955	1.1579	6.529	1.7168	15.1944	1.71664
8300	-1.1951	0.5246	5.1018	1.1598	6.592	1.7262	15.2307	1.72605
8400	-1.1484	0.5789	5.1080	1.1617	6.654	1.7354	15.2640	1.73525
8500	-1.1030	0.6317	5.1140	1.1637	6.717	1.7444	15.2948	1.74427
8600	-1.0588	0.6831	5.1198	1.1657	6.779	1.7532	15.3226	1.75306
8700	-1.0159	0.7332	5.1256	1.1675	6.841	1.7619	15.3479	1.76166
8800	-0.9742	0.7820	5.1312	1.1695	6.902	1.7703	15.3707	1.77007
8900	-0.9336	0.8295	5.1367	1.1715	6.964	1.7785	15.3909	1.77829
9000	-0.8941	0.8758	5.1420	1.1735	7.024	1.7865	15.4089	1.78632
9100	-0.8557	0.9209	5.1473	1.1754	7.085	1.7944	15.4245	1.79415
9200	-0.8183	0.9649	5.1524	1.1775	7.145	1.8020	15.4379	1.80179
9300	-0.7819	1.0078	5.1574	1.1795	7.205	1.8095	15.4491	1.80924
9400	-0.7465	1.0496	5.1623	1.1814	7.264	1.8168	15.4584	1.81652
9500	-0.7120	1.0903	5.1671	1.1834	7.323	1.8239	15.4657	1.82363
9600	-0.6784	1.1301	5.1718	1.1855	7.382	1.8309	15.4711	1.83056
9700	-0.6456	1.1690	5.1764	1.1875	7.440	1.8377	15.4750	1.83732
9800	-0.6137	1.2069	5.1809	1.1894	7.498	1.8443	15.4771	1.84391
9900	-0.5826	1.2439	5.1853	1.1914	7.555	1.8507	15.4775	1.85033
10000	-0.5523	1.2801	5.1897	1.1934	7.613	1.8570	15.4762	1.85658
10100	-0.5228	1.3154	5.1939	1.1927	7.661	1.8630	15.4733	1.86264
10200	-0.4927	1.3512	5.1983	1.1947	7.718	1.8694	15.4757	1.86895
10300	-0.4646	1.3849	5.2023	1.1992	7.782	1.8752	15.4703	1.87474
10400	-0.4371	1.4179	5.2063	1.2011	7.838	1.8808	15.4633	1.88035
10500	-0.4104	1.4500	5.2103	1.2030	7.893	1.8862	15.4550	1.88580
10600	-0.3841	1.4816	5.2141	1.2046	7.947	1.8916	15.4460	1.89114
10700	-0.3585	1.5125	5.2179	1.2067	8.003	1.8968	15.4355	1.89632
10800	-0.3335	1.5427	5.2216	1.2083	8.056	1.9018	15.4239	1.90136
10900	-0.3090	1.5724	5.2253	1.2098	8.109	1.9067	15.4120	1.90630
11000	-0.2850	1.6014	5.2289	1.2117	8.163	1.9116	15.3990	1.91112
11100	-0.2615	1.6299	5.2324	1.2132	8.214	1.9162	15.3853	1.91582
11200	-0.2384	1.6579	5.2359	1.2148	8.267	1.9208	15.3713	1.92044
11300	-0.2159	1.6853	5.2394	1.2165	8.319	1.9253	15.3559	1.92488
11400	-0.1937	1.7123	5.2427	1.2175	8.369	1.9296	15.3403	1.92926
11500	-0.1719	1.7388	5.2461	1.2192	8.420	1.9339	15.3245	1.93358
11600	-0.1506	1.7648	5.2494	1.2206	8.471	1.9380	15.3076	1.93773
11700	-0.1296	1.7904	5.2526	1.2216	8.520	1.9421	15.2908	1.94184
11800	-0.1090	1.8156	5.2558	1.2227	8.569	1.9460	15.2734	1.94586
11900	-0.0887	1.8405	5.2590	1.2239	8.618	1.9500	15.2563	1.94985
12000	-0.0688	1.8649	5.2621	1.2249	8.666	1.9537	15.2384	1.95370
12100	-0.0491	1.8890	5.2652	1.2259	8.714	1.9575	15.2206	1.95752
12200	-0.0297	1.9128	5.2683	1.2267	8.761	1.9612	15.2026	1.96128
12300	-0.0105	1.9363	5.2713	1.2278	8.808	1.9648	15.1848	1.96500
12400	0.0082	1.9593	5.2743	1.2287	8.856	1.9683	15.1664	1.96862
12500	0.0268	1.9822	5.2773	1.2294	8.902	1.9718	15.1481	1.97219
12600	0.0451	2.0047	5.2802	1.2304	8.949	1.9752	15.1298	1.97573
12700	0.0632	2.0270	5.2831	1.2309	8.993	1.9785	15.1115	1.97921
12800	0.0811	2.0489	5.2860	1.2312	9.037	1.9818	15.0933	1.98265
12900	0.0988	2.0707	5.2889	1.2318	9.082	1.9851	15.0756	1.98608
13000	0.1163	2.0923	5.2917	1.2323	9.127	1.9883	15.0579	1.98947
13100	0.1336	2.1136	5.2945	1.2326	9.170	1.9915	15.0403	1.99283
13200	0.1507	2.1347	5.2973	1.2330	9.214	1.9946	15.0226	1.99615

S/R= 48.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	0.1676	2.1556	5.3001	1.2333	9.257	1.9977	15.0053	1.99945
13400	0.1844	2.1763	5.3029	1.2338	9.300	2.0008	14.9883	2.00275
13500	0.2010	2.1968	5.3056	1.2342	9.344	2.0038	14.9713	2.00598
13600	0.2175	2.2171	5.3083	1.2341	9.385	2.0068	14.9547	2.00923
13700	0.2338	2.2372	5.3110	1.2341	9.427	2.0098	14.9384	2.01246
13800	0.2500	2.2572	5.3137	1.2344	9.469	2.0127	14.9224	2.01567
13900	0.2661	2.2771	5.3164	1.2336	9.507	2.0156	14.9067	2.01890
14000	0.2821	2.2968	5.3191	1.2344	9.551	2.0185	14.8917	2.02207
14100	0.2978	2.3163	5.3217	1.2353	9.595	2.0214	14.8763	2.02530
14200	0.3135	2.3357	5.3244	1.2342	9.632	2.0243	14.8616	2.02850
14300	0.3291	2.3549	5.3270	1.2342	9.673	2.0271	14.8471	2.03168
14400	0.3446	2.3740	5.3296	1.2344	9.713	2.0299	14.8330	2.03488
14500	0.3600	2.3930	5.3322	1.2343	9.754	2.0327	14.8192	2.03806
14600	0.3753	2.4119	5.3348	1.2339	9.792	2.0355	14.8055	2.04124
14700	0.3905	2.4306	5.3374	1.2335	9.831	2.0382	14.7925	2.04446
14800	0.4056	2.4492	5.3399	1.2336	9.871	2.0410	14.7797	2.04764
14900	0.4206	2.4678	5.3425	1.2334	9.910	2.0437	14.7673	2.05086
15000	0.4355	2.4862	5.3450	1.2331	9.949	2.0464	14.7553	2.05408

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.7942	-5.6556	4.3623	1.0802	3.258	1.0739	6.5795	1.07387
3600	-6.5686	-5.4119	4.4011	1.0802	3.327	1.0885	6.9951	1.08847
3700	-6.3456	-5.1710	4.4377	1.0804	3.397	1.1036	7.4053	1.10360
3800	-6.1264	-4.9341	4.4724	1.0810	3.467	1.1192	7.8091	1.11918
3900	-5.9125	-4.7028	4.5049	1.0818	3.539	1.1351	8.2013	1.13505
4000	-5.7048	-4.4780	4.5356	1.0829	3.611	1.1511	8.5805	1.15113
4100	-5.5033	-4.2597	4.5644	1.0841	3.684	1.1674	8.9466	1.16737
4200	-5.3086	-4.0485	4.5916	1.0854	3.756	1.1837	9.2981	1.18368
4300	-5.1204	-3.8441	4.6174	1.0868	3.830	1.2001	9.6368	1.20007
4400	-4.9393	-3.6471	4.6417	1.0883	3.903	1.2164	9.9593	1.21642
4500	-4.7644	-3.4567	4.6648	1.0898	3.976	1.2328	10.2694	1.23278
4600	-4.5962	-3.2732	4.6866	1.0915	4.050	1.2491	10.5641	1.24906
4700	-4.4344	-3.0965	4.7073	1.0931	4.123	1.2653	10.8455	1.26527
4800	-4.2785	-2.9259	4.7271	1.0948	4.196	1.2814	11.1143	1.28140
4900	-4.1284	-2.7615	4.7460	1.0965	4.270	1.2974	11.3709	1.29742
5000	-3.9840	-2.6031	4.7640	1.0984	4.343	1.3133	11.6147	1.31332
5100	-3.8447	-2.4498	4.7813	1.1002	4.417	1.3293	11.8503	1.32934
5200	-3.7110	-2.3027	4.7977	1.1019	4.489	1.3449	12.0708	1.34494
5300	-3.5822	-2.1607	4.8135	1.1036	4.562	1.3604	12.2809	1.36038
5400	-3.4582	-2.0237	4.8286	1.1054	4.634	1.3757	12.4810	1.37566
5500	-3.3386	-1.8913	4.8432	1.1072	4.706	1.3908	12.6713	1.39076
5600	-3.2232	-1.7635	4.8572	1.1090	4.778	1.4057	12.8526	1.40572
5700	-3.1119	-1.6400	4.8707	1.1108	4.850	1.4205	13.0253	1.42050
5800	-3.0044	-1.5205	4.8837	1.1126	4.921	1.4351	13.1894	1.43512
5900	-2.9008	-1.4051	4.8962	1.1144	4.992	1.4496	13.3457	1.44957
6000	-2.8006	-1.2933	4.9082	1.1163	5.063	1.4638	13.4942	1.46383
6100	-2.7041	-1.1855	4.9200	1.1183	5.134	1.4779	13.6349	1.47787
6200	-2.6109	-1.0812	4.9313	1.1201	5.205	1.4917	13.7684	1.49171
6300	-2.5208	-0.9802	4.9422	1.1220	5.275	1.5054	13.8953	1.50535
6400	-2.4337	-0.8825	4.9528	1.1238	5.345	1.5188	14.0155	1.51880
6500	-2.3496	-0.7878	4.9631	1.1257	5.414	1.5320	14.1298	1.53204
6600	-2.2681	-0.6960	4.9730	1.1275	5.483	1.5451	14.2381	1.54508
6700	-2.1893	-0.6071	4.9826	1.1294	5.552	1.5579	14.3404	1.55789

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	-2.1131	-0.5210	4.9920	1.1313	5.621	1.5705	14.4376	1.57051
6900	-2.0393	-0.4374	5.0011	1.1332	5.689	1.5829	14.5291	1.58291
7000	-1.9679	-0.3564	5.0099	1.1351	5.757	1.5951	14.6157	1.59511
7100	-1.8987	-0.2778	5.0185	1.1370	5.825	1.6071	14.6973	1.60710
7200	-1.8318	-0.2016	5.0268	1.1390	5.892	1.6189	14.7740	1.61886
7300	-1.7669	-0.1277	5.0349	1.1409	5.959	1.6305	14.8462	1.63042
7400	-1.7040	-0.0559	5.0428	1.1429	6.026	1.6418	14.9140	1.64177
7500	-1.6431	0.0138	5.0505	1.1448	6.092	1.6529	14.9775	1.65289
7600	-1.5841	0.0815	5.0580	1.1468	6.158	1.6638	15.0369	1.66379
7700	-1.5268	0.1472	5.0652	1.1487	6.224	1.6746	15.0923	1.67449
7800	-1.4713	0.2110	5.0723	1.1507	6.289	1.6850	15.1440	1.68496
7900	-1.4174	0.2731	5.0792	1.1526	6.353	1.6953	15.1920	1.69522
8000	-1.3651	0.3334	5.0860	1.1545	6.418	1.7053	15.2366	1.70525
8100	-1.3143	0.3921	5.0925	1.1565	6.482	1.7152	15.2778	1.71508
8200	-1.2650	0.4491	5.0990	1.1583	6.545	1.7248	15.3159	1.72469
8300	-1.2172	0.5046	5.1052	1.1602	6.608	1.7342	15.3509	1.73409
8400	-1.1707	0.5586	5.1113	1.1622	6.671	1.7434	15.3828	1.74326
8500	-1.1255	0.6111	5.1173	1.1642	6.734	1.7524	15.4121	1.75226
8600	-1.0816	0.6623	5.1231	1.1662	6.796	1.7612	15.4384	1.76103
8700	-1.0389	0.7121	5.1288	1.1681	6.858	1.7698	15.4622	1.76960
8800	-0.9974	0.7606	5.1344	1.1701	6.919	1.7782	15.4835	1.77797
8900	-0.9571	0.8079	5.1398	1.1721	6.981	1.7863	15.5022	1.78615
9000	-0.9179	0.8539	5.1451	1.1741	7.042	1.7943	15.5185	1.79413
9100	-0.8797	0.8987	5.1503	1.1761	7.102	1.8021	15.5325	1.80191
9200	-0.8426	0.9424	5.1554	1.1782	7.162	1.8097	15.5443	1.80950
9300	-0.8065	0.9850	5.1603	1.1803	7.222	1.8172	15.5540	1.81690
9400	-0.7714	1.0265	5.1652	1.1822	7.281	1.8244	15.5617	1.82412
9500	-0.7371	1.0670	5.1699	1.1842	7.340	1.8314	15.5674	1.83117
9600	-0.7038	1.1065	5.1746	1.1864	7.399	1.8383	15.5712	1.83803
9700	-0.6713	1.1450	5.1792	1.1883	7.457	1.8450	15.5734	1.84472
9800	-0.6397	1.1826	5.1836	1.1903	7.515	1.8516	15.5737	1.85124
9900	-0.6089	1.2194	5.1880	1.1924	7.573	1.8579	15.5726	1.85759
10000	-0.5788	1.2552	5.1923	1.1943	7.630	1.8641	15.5698	1.86377
10100	-0.5496	1.2902	5.1965	1.1937	7.678	1.8701	15.5653	1.86975
10200	-0.5198	1.3257	5.2008	1.1957	7.736	1.8763	15.5660	1.87598
10300	-0.4919	1.3592	5.2048	1.2002	7.800	1.8820	15.5587	1.88168
10400	-0.4647	1.3918	5.2088	1.2022	7.856	1.8876	15.5503	1.88721
10500	-0.4382	1.4237	5.2127	1.2039	7.910	1.8929	15.5404	1.89258
10600	-0.4122	1.4551	5.2165	1.2055	7.964	1.8982	15.5300	1.89784
10700	-0.3868	1.4857	5.2202	1.2077	8.020	1.9033	15.5181	1.90295
10800	-0.3621	1.5156	5.2239	1.2093	8.073	1.9083	15.5052	1.90791
10900	-0.3377	1.5450	5.2275	1.2108	8.126	1.9131	15.4918	1.91277
11000	-0.3140	1.5738	5.2311	1.2127	8.179	1.9178	15.4775	1.91751
11100	-0.2907	1.6021	5.2346	1.2141	8.231	1.9224	15.4623	1.92212
11200	-0.2678	1.6299	5.2381	1.2157	8.283	1.9269	15.4470	1.92666
11300	-0.2455	1.6570	5.2415	1.2173	8.335	1.9313	15.4303	1.93102
11400	-0.2235	1.6838	5.2448	1.2182	8.384	1.9356	15.4137	1.93534
11500	-0.2018	1.7102	5.2481	1.2198	8.435	1.9398	15.3969	1.93960
11600	-0.1807	1.7360	5.2514	1.2213	8.486	1.9438	15.3788	1.94369
11700	-0.1599	1.7614	5.2546	1.2223	8.535	1.9478	15.3609	1.94772
11800	-0.1394	1.7864	5.2578	1.2234	8.583	1.9517	15.3425	1.95168
11900	-0.1192	1.8112	5.2609	1.2245	8.632	1.9555	15.3244	1.95560
12000	-0.0995	1.8354	5.2640	1.2255	8.680	1.9592	15.3055	1.95939
12100	-0.0799	1.8594	5.2671	1.2264	8.728	1.9629	15.2868	1.96315
12200	-0.0606	1.8830	5.2701	1.2271	8.774	1.9665	15.2679	1.96685

S/R= 48.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12300	-0.0416	1.9064	5.2732	1.2281	8.821	1.9701	15.2494	1.97052
12400	-0.0229	1.9294	5.2761	1.2289	8.868	1.9735	15.2303	1.97410
12500	-0.0044	1.9521	5.2791	1.2296	8.914	1.9770	15.2116	1.97765
12600	0.0139	1.9746	5.2820	1.2306	8.961	1.9803	15.1927	1.98114
12700	0.0319	1.9968	5.2849	1.2310	9.005	1.9836	15.1739	1.98458
12800	0.0497	2.0187	5.2878	1.2313	9.049	1.9869	15.1549	1.98798
12900	0.0673	2.0404	5.2906	1.2318	9.094	1.9901	15.1368	1.99138
13000	0.0848	2.0619	5.2935	1.2323	9.138	1.9933	15.1185	1.99474
13100	0.1020	2.0832	5.2963	1.2324	9.181	1.9964	15.1004	1.99807
13200	0.1191	2.1042	5.2991	1.2327	9.224	1.9995	15.0826	2.00137
13300	0.1360	2.1251	5.3018	1.2331	9.267	2.0026	15.0648	2.00465
13400	0.1528	2.1458	5.3046	1.2335	9.311	2.0056	15.0476	2.00793
13500	0.1694	2.1662	5.3073	1.2337	9.353	2.0086	15.0303	2.01116
13600	0.1859	2.1865	5.3100	1.2335	9.394	2.0116	15.0135	2.01440
13700	0.2022	2.2067	5.3127	1.2337	9.436	2.0145	14.9969	2.01762
13800	0.2184	2.2267	5.3154	1.2340	9.478	2.0174	14.9806	2.02083
13900	0.2345	2.2465	5.3181	1.2330	9.515	2.0204	14.9649	2.02405
14000	0.2505	2.2663	5.3208	1.2338	9.560	2.0232	14.9497	2.02722
14100	0.2663	2.2858	5.3234	1.2347	9.604	2.0261	14.9339	2.03044
14200	0.2820	2.3052	5.3260	1.2335	9.640	2.0289	14.9193	2.03365
14300	0.2977	2.3245	5.3287	1.2336	9.681	2.0317	14.9047	2.03684
14400	0.3132	2.3436	5.3313	1.2336	9.722	2.0345	14.8905	2.04005
14500	0.3286	2.3626	5.3339	1.2334	9.761	2.0373	14.8767	2.04324
14600	0.3439	2.3815	5.3365	1.2332	9.800	2.0401	14.8630	2.04643
14700	0.3592	2.4003	5.3391	1.2328	9.839	2.0429	14.8502	2.04966
14800	0.3743	2.4190	5.3416	1.2328	9.879	2.0456	14.8373	2.05286
14900	0.3893	2.4375	5.3442	1.2326	9.918	2.0483	14.8250	2.05610
15000	0.4043	2.4560	5.3467	1.2323	9.957	2.0510	14.8129	2.05933

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.8329	-5.6930	4.3693	1.0796	3.262	1.0771	6.6869	1.07710
3600	-6.6043	-5.4461	4.4081	1.0797	3.332	1.0920	7.1092	1.09200
3700	-6.3787	-5.2026	4.4447	1.0799	3.402	1.1074	7.5248	1.10740
3800	-6.1574	-4.9635	4.4792	1.0806	3.473	1.1232	7.9332	1.12322
3900	-5.9417	-4.7304	4.5117	1.0815	3.545	1.1393	8.3291	1.13933
4000	-5.7325	-4.5040	4.5422	1.0826	3.617	1.1556	8.7115	1.15561
4100	-5.5297	-4.2844	4.5709	1.0838	3.690	1.1721	9.0801	1.17205
4200	-5.3340	-4.0721	4.5979	1.0851	3.764	1.1886	9.4338	1.18855
4300	-5.1448	-3.8667	4.6236	1.0866	3.837	1.2051	9.7743	1.20512
4400	-4.9629	-3.6689	4.6477	1.0881	3.911	1.2216	10.0983	1.22164
4500	-4.7873	-3.4777	4.6706	1.0896	3.984	1.2382	10.4096	1.23817
4600	-4.6185	-3.2937	4.6924	1.0913	4.058	1.2546	10.7053	1.25460
4700	-4.4562	-3.1164	4.7130	1.0930	4.132	1.2710	10.9875	1.27096
4800	-4.2998	-2.9453	4.7327	1.0947	4.206	1.2872	11.2569	1.28723
4900	-4.1493	-2.7804	4.7514	1.0964	4.279	1.3034	11.5142	1.30339
5000	-4.0047	-2.6217	4.7693	1.0983	4.353	1.3194	11.7584	1.31942
5100	-3.8650	-2.4682	4.7865	1.1001	4.427	1.3356	11.9941	1.33557
5200	-3.7311	-2.3207	4.8029	1.1018	4.499	1.3513	12.2148	1.35129
5300	-3.6021	-2.1785	4.8186	1.1036	4.572	1.3669	12.4252	1.36685
5400	-3.4779	-2.0413	4.8336	1.1053	4.645	1.3822	12.6250	1.38224
5500	-3.3581	-1.9088	4.8481	1.1071	4.717	1.3975	12.8153	1.39746
5600	-3.2426	-1.7808	4.8620	1.1089	4.789	1.4125	12.9965	1.41252
5700	-3.1312	-1.6572	4.8754	1.1108	4.861	1.4274	13.1688	1.42740

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-3.0237	-1.5377	4.8883	1.1126	4.933	1.4421	13.3327	1.44212
5900	-2.9200	-1.4222	4.9008	1.1144	5.005	1.4567	13.4885	1.45666
6000	-2.8197	-1.3104	4.9129	1.1163	5.076	1.4710	13.6365	1.47101
6100	-2.7233	-1.2026	4.9245	1.1183	5.147	1.4851	13.7768	1.48513
6200	-2.6300	-1.0982	4.9357	1.1202	5.218	1.4991	13.9097	1.49905
6300	-2.5400	-0.9973	4.9466	1.1220	5.288	1.5128	14.0360	1.51277
6400	-2.4530	-0.8995	4.9571	1.1239	5.358	1.5263	14.1557	1.52629
6500	-2.3688	-0.8049	4.9673	1.1258	5.428	1.5396	14.2692	1.53959
6600	-2.2875	-0.7132	4.9772	1.1276	5.497	1.5527	14.3766	1.55270
6700	-2.2088	-0.6244	4.9868	1.1295	5.566	1.5656	14.4782	1.56557
6800	-2.1326	-0.5384	4.9961	1.1314	5.635	1.5783	14.5745	1.57824
6900	-2.0589	-0.4549	5.0051	1.1333	5.703	1.5907	14.6653	1.59069
7000	-1.9876	-0.3740	5.0139	1.1352	5.771	1.6030	14.7508	1.60293
7100	-1.9186	-0.2956	5.0224	1.1372	5.839	1.6150	14.8314	1.61496
7200	-1.8518	-0.2195	5.0307	1.1392	5.907	1.6268	14.9071	1.62676
7300	-1.7871	-0.1457	5.0388	1.1411	5.974	1.6384	14.9782	1.63835
7400	-1.7243	-0.0741	5.0466	1.1431	6.041	1.6498	15.0449	1.64972
7500	-1.6636	-0.0046	5.0543	1.1451	6.108	1.6609	15.1073	1.66087
7600	-1.6047	0.0629	5.0617	1.1471	6.174	1.6718	15.1655	1.67178
7700	-1.5477	0.1284	5.0689	1.1490	6.239	1.6826	15.2198	1.68250
7800	-1.4923	0.1921	5.0759	1.1510	6.305	1.6930	15.2702	1.69297
7900	-1.4386	0.2539	5.0828	1.1530	6.369	1.7033	15.3168	1.70323
8000	-1.3866	0.3140	5.0895	1.1549	6.434	1.7133	15.3601	1.71326
8100	-1.3360	0.3724	5.0960	1.1569	6.498	1.7232	15.4000	1.72308
8200	-1.2870	0.4292	5.1024	1.1588	6.562	1.7328	15.4367	1.73268
8300	-1.2393	0.4844	5.1086	1.1607	6.625	1.7422	15.4702	1.74206
8400	-1.1931	0.5382	5.1146	1.1627	6.688	1.7513	15.5006	1.75121
8500	-1.1481	0.5905	5.1205	1.1648	6.751	1.7603	15.5284	1.76018
8600	-1.1045	0.6414	5.1263	1.1668	6.813	1.7691	15.5532	1.76892
8700	-1.0621	0.6909	5.1320	1.1687	6.875	1.7776	15.5754	1.77745
8800	-1.0209	0.7391	5.1375	1.1707	6.937	1.7860	15.5952	1.78578
8900	-0.9808	0.7861	5.1429	1.1728	6.998	1.7941	15.6122	1.79391
9000	-0.9418	0.8318	5.1481	1.1748	7.059	1.8020	15.6269	1.80185
9100	-0.9040	0.8763	5.1533	1.1768	7.119	1.8098	15.6392	1.80958
9200	-0.8671	0.9197	5.1583	1.1790	7.180	1.8173	15.6495	1.81711
9300	-0.8313	0.9620	5.1632	1.1811	7.240	1.8247	15.6575	1.82445
9400	-0.7964	1.0032	5.1680	1.1830	7.299	1.8319	15.6636	1.83161
9500	-0.7625	1.0434	5.1727	1.1851	7.358	1.8388	15.6677	1.83859
9600	-0.7295	1.0826	5.1773	1.1872	7.417	1.8457	15.6698	1.84538
9700	-0.6973	1.1208	5.1818	1.1893	7.475	1.8523	15.6701	1.85200
9800	-0.6659	1.1581	5.1863	1.1913	7.533	1.8587	15.6689	1.85844
9900	-0.6354	1.1945	5.1906	1.1933	7.590	1.8650	15.6660	1.86471
10000	-0.6056	1.2301	5.1948	1.1952	7.647	1.8711	15.6619	1.87082
10100	-0.5766	1.2648	5.1990	1.1947	7.696	1.8770	15.6556	1.87672
10200	-0.5471	1.3000	5.2032	1.1968	7.753	1.8832	15.6545	1.88286
10300	-0.5195	1.3331	5.2072	1.2013	7.817	1.8888	15.6458	1.88846
10400	-0.4926	1.3655	5.2111	1.2032	7.873	1.8942	15.6355	1.89392
10500	-0.4664	1.3971	5.2150	1.2050	7.928	1.8995	15.6241	1.89920
10600	-0.4406	1.4281	5.2188	1.2065	7.981	1.9047	15.6122	1.90438
10700	-0.4154	1.4585	5.2225	1.2086	8.036	1.9097	15.5991	1.90942
10800	-0.3909	1.4882	5.2261	1.2102	8.089	1.9146	15.5846	1.91430
10900	-0.3668	1.5174	5.2297	1.2119	8.142	1.9193	15.5699	1.91908
11000	-0.3432	1.5460	5.2332	1.2137	8.196	1.9240	15.5543	1.92373
11100	-0.3202	1.5740	5.2367	1.2150	8.247	1.9285	15.5377	1.92826
11200	-0.2975	1.6015	5.2401	1.2167	8.299	1.9329	15.5210	1.93271

S/R= 48.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	-0.2754	1.6285	5.2435	1.2182	8.350	1.9371	15.5031	1.93700
11400	-0.2536	1.6550	5.2468	1.2190	8.399	1.9413	15.4852	1.94124
11500	-0.2321	1.6812	5.2501	1.2205	8.450	1.9455	15.4674	1.94543
11600	-0.2111	1.7069	5.2533	1.2218	8.500	1.9494	15.4485	1.94947
11700	-0.1904	1.7322	5.2565	1.2229	8.549	1.9534	15.4294	1.95345
11800	-0.1701	1.7570	5.2597	1.2240	8.598	1.9572	15.4102	1.95733
11900	-0.1500	1.7816	5.2628	1.2251	8.646	1.9609	15.3910	1.96119
12000	-0.1304	1.8057	5.2659	1.2261	8.694	1.9646	15.3712	1.96492
12100	-0.1109	1.8295	5.2689	1.2268	8.741	1.9682	15.3518	1.96863
12200	-0.0918	1.8530	5.2720	1.2275	8.787	1.9717	15.3321	1.97227
12300	-0.0728	1.8763	5.2750	1.2285	8.834	1.9752	15.3128	1.97589
12400	-0.0542	1.8992	5.2779	1.2292	8.881	1.9786	15.2930	1.97942
12500	-0.0357	1.9219	5.2809	1.2297	8.926	1.9820	15.2735	1.98293
12600	-0.0175	1.9443	5.2838	1.2305	8.972	1.9853	15.2542	1.98639
12700	0.0004	1.9664	5.2866	1.2310	9.016	1.9886	15.2348	1.98981
12800	0.0182	1.9882	5.2895	1.2313	9.060	1.9918	15.2156	1.99318
12900	0.0358	2.0099	5.2923	1.2318	9.105	1.9950	15.1969	1.99654
13000	0.0532	2.0314	5.2952	1.2322	9.149	1.9981	15.1781	1.99988
13100	0.0704	2.0526	5.2980	1.2322	9.191	2.0012	15.1597	2.00318
13200	0.0875	2.0736	5.3007	1.2324	9.234	2.0043	15.1415	2.00647
13300	0.1044	2.0944	5.3035	1.2327	9.277	2.0073	15.1233	2.00972
13400	0.1212	2.1151	5.3062	1.2332	9.320	2.0103	15.1058	2.01299
13500	0.1377	2.1356	5.3090	1.2333	9.362	2.0133	15.0883	2.01621
13600	0.1542	2.1559	5.3117	1.2330	9.403	2.0162	15.0713	2.01945
13700	0.1706	2.1761	5.3144	1.2331	9.444	2.0192	15.0546	2.02267
13800	0.1868	2.1961	5.3171	1.2333	9.486	2.0221	15.0382	2.02587
13900	0.2029	2.2159	5.3198	1.2323	9.524	2.0250	15.0223	2.02910
14000	0.2190	2.2357	5.3224	1.2332	9.568	2.0278	15.0071	2.03227
14100	0.2347	2.2552	5.3251	1.2340	9.612	2.0307	14.9913	2.03550
14200	0.2505	2.2746	5.3277	1.2327	9.648	2.0335	14.9764	2.03871
14300	0.2662	2.2940	5.3303	1.2329	9.689	2.0363	14.9619	2.04191
14400	0.2818	2.3132	5.3329	1.2328	9.729	2.0391	14.9479	2.04513
14500	0.2972	2.3322	5.3355	1.2325	9.768	2.0419	14.9339	2.04833
14600	0.3126	2.3512	5.3381	1.2323	9.808	2.0447	14.9204	2.05154
14700	0.3279	2.3700	5.3407	1.2320	9.847	2.0474	14.9074	2.05479
14800	0.3431	2.3887	5.3433	1.2318	9.886	2.0502	14.8947	2.05801
14900	0.3582	2.4073	5.3459	1.2317	9.926	2.0529	14.8824	2.06127
15000	0.3732	2.4259	5.3484	1.2315	9.965	2.0556	14.8704	2.06452

S/R= 48.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.8707	-5.7295	4.3763	1.0790	3.266	1.0804	6.7964	1.08039
3600	-6.6391	-5.4796	4.4151	1.0791	3.336	1.0956	7.2249	1.09558
3700	-6.4111	-5.2335	4.4516	1.0795	3.407	1.1112	7.6459	1.11124
3800	-6.1877	-4.9923	4.4861	1.0802	3.479	1.1273	8.0587	1.12731
3900	-5.9704	-4.7574	4.5183	1.0811	3.551	1.1436	8.4581	1.14364
4000	-5.7597	-4.5295	4.5487	1.0823	3.624	1.1601	8.8436	1.16014
4100	-5.5557	-4.3086	4.5773	1.0836	3.697	1.1768	9.2146	1.17677
4200	-5.3589	-4.0952	4.6042	1.0849	3.771	1.1935	9.5704	1.19346
4300	-5.1688	-3.8889	4.6297	1.0864	3.845	1.2102	9.9125	1.21020
4400	-4.9861	-3.6903	4.6537	1.0879	3.919	1.2269	10.2380	1.22689
4500	-4.8099	-3.4984	4.6765	1.0895	3.993	1.2436	10.5505	1.24358
4600	-4.6406	-3.3138	4.6981	1.0912	4.067	1.2602	10.8470	1.26016
4700	-4.4777	-3.1359	4.7186	1.0929	4.141	1.2767	11.1300	1.27667

S/R= 48.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4800	-4.3209	-2.9645	4.7382	1.0945	4.215	1.2931	11.4001	1.29309
4900	-4.1700	-2.7992	4.7568	1.0963	4.289	1.3094	11.6579	1.30938
5000	-4.0251	-2.6401	4.7746	1.0983	4.363	1.3255	11.9023	1.32554
5100	-3.8851	-2.4862	4.7917	1.1001	4.437	1.3418	12.1384	1.34182
5200	-3.7510	-2.3386	4.8080	1.1017	4.510	1.3577	12.3592	1.35766
5300	-3.6218	-2.1961	4.8236	1.1035	4.583	1.3733	12.5695	1.37333
5400	-3.4974	-2.0587	4.8386	1.1053	4.656	1.3888	12.7694	1.38884
5500	-3.3775	-1.9261	4.8530	1.1071	4.728	1.4042	12.9595	1.40416
5600	-3.2619	-1.7980	4.8668	1.1089	4.801	1.4193	13.1404	1.41933
5700	-3.1504	-1.6743	4.8801	1.1108	4.873	1.4343	13.3125	1.43431
5800	-3.0428	-1.5547	4.8930	1.1126	4.945	1.4491	13.4759	1.44912
5900	-2.9390	-1.4391	4.9054	1.1144	5.017	1.4637	13.6314	1.46375
6000	-2.8388	-1.3273	4.9174	1.1164	5.088	1.4782	13.7790	1.47819
6100	-2.7423	-1.2195	4.9289	1.1183	5.160	1.4924	13.9187	1.49239
6200	-2.6491	-1.1152	4.9401	1.1202	5.231	1.5064	14.0512	1.50640
6300	-2.5591	-1.0143	4.9509	1.1221	5.301	1.5202	14.1767	1.52019
6400	-2.4721	-0.9166	4.9614	1.1240	5.371	1.5338	14.2957	1.53377
6500	-2.3881	-0.8220	4.9715	1.1259	5.441	1.5472	14.4084	1.54714
6600	-2.3068	-0.7304	4.9814	1.1277	5.511	1.5603	14.5151	1.56031
6700	-2.2281	-0.6417	4.9909	1.1296	5.580	1.5733	14.6159	1.57324
6800	-2.1521	-0.5557	5.0002	1.1316	5.649	1.5860	14.7112	1.58596
6900	-2.0785	-0.4724	5.0091	1.1335	5.718	1.5985	14.8011	1.59846
7000	-2.0074	-0.3916	5.0179	1.1354	5.786	1.6108	14.8856	1.61074
7100	-1.9385	-0.3133	5.0263	1.1374	5.854	1.6228	14.9652	1.62281
7200	-1.8718	-0.2374	5.0346	1.1394	5.922	1.6347	15.0399	1.63464
7300	-1.8072	-0.1638	5.0426	1.1414	5.989	1.6463	15.1099	1.64626
7400	-1.7447	-0.0923	5.0504	1.1434	6.056	1.6577	15.1755	1.65765
7500	-1.6841	-0.0230	5.0580	1.1454	6.123	1.6689	15.2367	1.66882
7600	-1.6254	0.0442	5.0653	1.1474	6.189	1.6798	15.2936	1.67975
7700	-1.5686	0.1096	5.0725	1.1493	6.255	1.6905	15.3466	1.69046
7800	-1.5134	0.1730	5.0795	1.1513	6.320	1.7010	15.3956	1.70094
7900	-1.4599	0.2346	5.0863	1.1534	6.385	1.7113	15.4410	1.71120
8000	-1.4081	0.2944	5.0929	1.1553	6.450	1.7213	15.4828	1.72122
8100	-1.3578	0.3526	5.0994	1.1573	6.514	1.7311	15.5213	1.73102
8200	-1.3090	0.4092	5.1057	1.1593	6.578	1.7407	15.5565	1.74061
8300	-1.2616	0.4641	5.1119	1.1612	6.641	1.7501	15.5886	1.74997
8400	-1.2156	0.5176	5.1179	1.1632	6.704	1.7592	15.6175	1.75909
8500	-1.1709	0.5696	5.1238	1.1654	6.768	1.7681	15.6437	1.76802
8600	-1.1275	0.6202	5.1295	1.1674	6.830	1.7769	15.6670	1.77673
8700	-1.0854	0.6695	5.1351	1.1693	6.892	1.7854	15.6877	1.78523
8800	-1.0444	0.7174	5.1405	1.1714	6.954	1.7937	15.7056	1.79352
8900	-1.0047	0.7640	5.1459	1.1735	7.015	1.8018	15.7211	1.80159
9000	-0.9660	0.8095	5.1511	1.1756	7.076	1.8097	15.7341	1.80947
9100	-0.9284	0.8537	5.1562	1.1776	7.136	1.8173	15.7449	1.81715
9200	-0.8919	0.8967	5.1612	1.1798	7.197	1.8248	15.7532	1.82462
9300	-0.8563	0.9387	5.1660	1.1820	7.257	1.8321	15.7596	1.83189
9400	-0.8218	0.9796	5.1708	1.1839	7.316	1.8392	15.7640	1.83899
9500	-0.7881	1.0195	5.1755	1.1860	7.375	1.8461	15.7664	1.84589
9600	-0.7553	1.0584	5.1800	1.1882	7.434	1.8529	15.7668	1.85261
9700	-0.7235	1.0963	5.1845	1.1902	7.492	1.8594	15.7655	1.85915
9800	-0.6924	1.1333	5.1889	1.1923	7.550	1.8658	15.7624	1.86551
9900	-0.6621	1.1694	5.1931	1.1943	7.608	1.8720	15.7578	1.87170
10000	-0.6327	1.2046	5.1973	1.1962	7.664	1.8780	15.7518	1.87772
10100	-0.6039	1.2391	5.2014	1.1956	7.713	1.8838	15.7441	1.88355
10200	-0.5747	1.2739	5.2056	1.1978	7.771	1.8899	15.7412	1.88960

S/R= 48.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10300	-0.5474	1.3068	5.2096	1.2023	7.835	1.8954	15.7309	1.89513
10400	-0.5207	1.3388	5.2135	1.2043	7.890	1.9007	15.7191	1.90048
10500	-0.4948	1.3701	5.2173	1.2060	7.944	1.9059	15.7061	1.90567
10600	-0.4692	1.4009	5.2210	1.2075	7.998	1.9110	15.6925	1.91076
10700	-0.4443	1.4310	5.2247	1.2096	8.053	1.9159	15.6779	1.91571
10800	-0.4200	1.4605	5.2283	1.2111	8.105	1.9207	15.6623	1.92051
10900	-0.3961	1.4895	5.2318	1.2128	8.158	1.9254	15.6461	1.92522
11000	-0.3728	1.5178	5.2353	1.2147	8.212	1.9299	15.6292	1.92979
11100	-0.3499	1.5456	5.2388	1.2159	8.263	1.9343	15.6113	1.93424
11200	-0.3274	1.5729	5.2422	1.2176	8.315	1.9387	15.5934	1.93861
11300	-0.3055	1.5996	5.2455	1.2190	8.366	1.9428	15.5742	1.94282
11400	-0.2839	1.6260	5.2488	1.2199	8.415	1.9469	15.5552	1.94698
11500	-0.2626	1.6520	5.2520	1.2212	8.465	1.9510	15.5361	1.95110
11600	-0.2417	1.6775	5.2552	1.2224	8.514	1.9549	15.5161	1.95507
11700	-0.2212	1.7026	5.2584	1.2234	8.562	1.9587	15.4964	1.95899
11800	-0.2009	1.7274	5.2615	1.2243	8.611	1.9625	15.4763	1.96283
11900	-0.1810	1.7518	5.2647	1.2256	8.660	1.9662	15.4562	1.96663
12000	-0.1615	1.7757	5.2677	1.2266	8.707	1.9698	15.4356	1.97030
12100	-0.1421	1.7994	5.2707	1.2271	8.753	1.9733	15.4153	1.97395
12200	-0.1231	1.8228	5.2737	1.2278	8.799	1.9768	15.3949	1.97754
12300	-0.1042	1.8460	5.2767	1.2287	8.846	1.9803	15.3747	1.98111
12400	-0.0857	1.8688	5.2797	1.2295	8.893	1.9836	15.3544	1.98460
12500	-0.0673	1.8914	5.2826	1.2298	8.937	1.9869	15.3345	1.98807
12600	-0.0491	1.9137	5.2855	1.2305	8.983	1.9902	15.3145	1.99150
12700	-0.0312	1.9358	5.2883	1.2308	9.027	1.9934	15.2948	1.99488
12800	-0.0135	1.9576	5.2912	1.2310	9.070	1.9966	15.2752	1.99824
12900	0.0041	1.9793	5.2940	1.2316	9.115	1.9998	15.2557	2.00158
13000	0.0215	2.0007	5.2968	1.2320	9.159	2.0029	15.2369	2.00489
13100	0.0387	2.0219	5.2996	1.2318	9.200	2.0059	15.2181	2.00818
13200	0.0557	2.0429	5.3024	1.2320	9.243	2.0090	15.1994	2.01144
13300	0.0726	2.0637	5.3052	1.2324	9.286	2.0120	15.1812	2.01469
13400	0.0894	2.0844	5.3079	1.2327	9.329	2.0150	15.1635	2.01794
13500	0.1060	2.1048	5.3106	1.2327	9.371	2.0179	15.1459	2.02116
13600	0.1225	2.1252	5.3133	1.2324	9.411	2.0208	15.1286	2.02439
13700	0.1389	2.1454	5.3160	1.2325	9.453	2.0238	15.1119	2.02761
13800	0.1551	2.1654	5.3187	1.2327	9.495	2.0266	15.0953	2.03082
13900	0.1713	2.1853	5.3214	1.2315	9.532	2.0295	15.0793	2.03405
14000	0.1874	2.2051	5.3241	1.2324	9.576	2.0324	15.0640	2.03723
14100	0.2032	2.2246	5.3267	1.2333	9.620	2.0352	15.0481	2.04047
14200	0.2190	2.2441	5.3293	1.2320	9.656	2.0381	15.0334	2.04369
14300	0.2347	2.2635	5.3320	1.2320	9.697	2.0409	15.0188	2.04690
14400	0.2504	2.2827	5.3346	1.2319	9.737	2.0437	15.0046	2.05013
14500	0.2659	2.3018	5.3372	1.2316	9.776	2.0464	14.9908	2.05336
14600	0.2813	2.3208	5.3398	1.2315	9.816	2.0492	14.9775	2.05659
14700	0.2966	2.3397	5.3424	1.2311	9.854	2.0520	14.9647	2.05985
14800	0.3119	2.3585	5.3450	1.2308	9.893	2.0547	14.9519	2.06310
14900	0.3271	2.3772	5.3475	1.2308	9.933	2.0575	14.9397	2.06637
15000	0.3422	2.3958	5.3501	1.2306	9.972	2.0602	14.9279	2.06966

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.9077	-5.7651	4.3834	1.0784	3.271	1.0837	6.9076	1.08374
3600	-6.6733	-5.5123	4.4221	1.0786	3.341	1.0992	7.3422	1.09921
3700	-6.4429	-5.2638	4.4585	1.0791	3.412	1.1151	7.7683	1.11513

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-6.2175	-5.0205	4.4928	1.0798	3.484	1.1314	8.1853	1.13144
3900	-5.9985	-4.7839	4.5250	1.0808	3.557	1.1480	8.5884	1.14799
4000	-5.7864	-4.5545	4.5552	1.0820	3.631	1.1647	8.9768	1.16469
4100	-5.5812	-4.3324	4.5836	1.0833	3.705	1.1815	9.3500	1.18153
4200	-5.3834	-4.1180	4.6104	1.0847	3.778	1.1984	9.7078	1.19839
4300	-5.1925	-3.9107	4.6357	1.0862	3.853	1.2153	10.0516	1.21531
4400	-5.0090	-3.7113	4.6596	1.0878	3.927	1.2322	10.3784	1.23217
4500	-4.8322	-3.5188	4.6823	1.0894	4.001	1.2490	10.6919	1.24901
4600	-4.6623	-3.3336	4.7037	1.0911	4.076	1.2657	10.9893	1.26575
4700	-4.4990	-3.1553	4.7241	1.0927	4.150	1.2824	11.2730	1.28240
4800	-4.3418	-2.9833	4.7436	1.0944	4.224	1.2990	11.5438	1.29896
4900	-4.1905	-2.8176	4.7622	1.0962	4.298	1.3154	11.8020	1.31539
5000	-4.0453	-2.6583	4.7798	1.0982	4.373	1.3317	12.0467	1.33168
5100	-3.9050	-2.5041	4.7969	1.1000	4.447	1.3481	12.2830	1.34808
5200	-3.7706	-2.3562	4.8131	1.1017	4.520	1.3640	12.5039	1.36404
5300	-3.6413	-2.2136	4.8286	1.1035	4.594	1.3798	12.7142	1.37983
5400	-3.5167	-2.0760	4.8435	1.1053	4.667	1.3954	12.9140	1.39544
5500	-3.3967	-1.9432	4.8578	1.1071	4.740	1.4109	13.1039	1.41088
5600	-3.2810	-1.8151	4.8715	1.1089	4.812	1.4261	13.2846	1.42615
5700	-3.1694	-1.6912	4.8848	1.1108	4.885	1.4412	13.4564	1.44123
5800	-3.0618	-1.5716	4.8976	1.1126	4.957	1.4561	13.6194	1.45613
5900	-2.9580	-1.4560	4.9099	1.1145	5.029	1.4708	13.7744	1.47085
6000	-2.8578	-1.3442	4.9218	1.1164	5.101	1.4854	13.9215	1.48537
6100	-2.7613	-1.2363	4.9333	1.1184	5.172	1.4997	14.0606	1.49966
6200	-2.6681	-1.1321	4.9445	1.1203	5.243	1.5137	14.1925	1.51374
6300	-2.5781	-1.0312	4.9552	1.1222	5.314	1.5276	14.3173	1.52760
6400	-2.4912	-0.9335	4.9656	1.1241	5.385	1.5413	14.4357	1.54126
6500	-2.4072	-0.8390	4.9757	1.1260	5.455	1.5547	14.5476	1.55469
6600	-2.3260	-0.7475	4.9855	1.1278	5.525	1.5679	14.6534	1.56791
6700	-2.2475	-0.6589	4.9950	1.1298	5.594	1.5809	14.7534	1.58089
6800	-2.1715	-0.5730	5.0042	1.1317	5.663	1.5937	14.8478	1.59367
6900	-2.0981	-0.4898	5.0131	1.1337	5.732	1.6062	14.9366	1.60621
7000	-2.0270	-0.4092	5.0218	1.1356	5.801	1.6186	15.0202	1.61853
7100	-1.9583	-0.3311	5.0302	1.1377	5.869	1.6307	15.0987	1.63063
7200	-1.8918	-0.2553	5.0384	1.1396	5.937	1.6425	15.1723	1.64250
7300	-1.8274	-0.1819	5.0463	1.1416	6.004	1.6542	15.2412	1.65414
7400	-1.7650	-0.1106	5.0541	1.1437	6.071	1.6656	15.3055	1.66554
7500	-1.7046	-0.0415	5.0616	1.1457	6.138	1.6768	15.3655	1.67673
7600	-1.6461	0.0256	5.0689	1.1477	6.205	1.6877	15.4211	1.68767
7700	-1.5895	0.0906	5.0761	1.1497	6.270	1.6984	15.4728	1.69838
7800	-1.5346	0.1538	5.0830	1.1517	6.336	1.7089	15.5205	1.70886
7900	-1.4813	0.2152	5.0898	1.1538	6.401	1.7192	15.5645	1.71912
8000	-1.4297	0.2748	5.0963	1.1557	6.466	1.7292	15.6048	1.72913
8100	-1.3797	0.3327	5.1028	1.1578	6.530	1.7390	15.6418	1.73891
8200	-1.3311	0.3890	5.1090	1.1597	6.594	1.7486	15.6756	1.74848
8300	-1.2840	0.4437	5.1151	1.1618	6.658	1.7579	15.7060	1.75782
8400	-1.2382	0.4969	5.1211	1.1638	6.721	1.7670	15.7334	1.76691
8500	-1.1938	0.5486	5.1269	1.1660	6.784	1.7759	15.7579	1.77580
8600	-1.1507	0.5989	5.1326	1.1680	6.847	1.7846	15.7797	1.78447
8700	-1.1089	0.6479	5.1381	1.1700	6.908	1.7931	15.7985	1.79292
8800	-1.0682	0.6955	5.1436	1.1721	6.970	1.8013	15.8149	1.80116
8900	-1.0287	0.7418	5.1488	1.1743	7.032	1.8093	15.8287	1.80918
9000	-0.9903	0.7869	5.1540	1.1764	7.093	1.8172	15.8400	1.81700
9100	-0.9530	0.8308	5.1590	1.1784	7.153	1.8248	15.8490	1.82462
9200	-0.9168	0.8736	5.1640	1.1806	7.214	1.8322	15.8556	1.83202

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	-0.8816	0.9152	5.1688	1.1828	7.274	1.8394	15.8602	1.83922
9400	-0.8473	0.9558	5.1735	1.1848	7.333	1.8464	15.8628	1.84624
9500	-0.8139	0.9953	5.1781	1.1869	7.392	1.8533	15.8634	1.85307
9600	-0.7815	1.0339	5.1826	1.1891	7.451	1.8599	15.8622	1.85972
9700	-0.7499	1.0715	5.1871	1.1912	7.509	1.8664	15.8591	1.86617
9800	-0.7191	1.1082	5.1914	1.1934	7.568	1.8727	15.8543	1.87245
9900	-0.6892	1.1439	5.1956	1.1954	7.625	1.8788	15.8480	1.87855
10000	-0.6600	1.1789	5.1998	1.1972	7.681	1.8847	15.8401	1.88447
10100	-0.6315	1.2130	5.2038	1.1967	7.730	1.8904	15.8308	1.89021
10200	-0.6026	1.2475	5.2080	1.1988	7.787	1.8964	15.8264	1.89618
10300	-0.5755	1.2801	5.2119	1.2034	7.851	1.9018	15.8143	1.90162
10400	-0.5491	1.3119	5.2157	1.2054	7.907	1.9071	15.8010	1.90689
10500	-0.5234	1.3429	5.2195	1.2071	7.961	1.9122	15.7864	1.91198
10600	-0.4982	1.3734	5.2232	1.2086	8.014	1.9171	15.7712	1.91698
10700	-0.4735	1.4032	5.2268	1.2107	8.069	1.9220	15.7551	1.92184
10800	-0.4494	1.4324	5.2304	1.2121	8.121	1.9267	15.7379	1.92655
10900	-0.4257	1.4612	5.2339	1.2136	8.173	1.9313	15.7205	1.93118
11000	-0.4025	1.4893	5.2374	1.2154	8.227	1.9357	15.7024	1.93569
11100	-0.3799	1.5169	5.2408	1.2168	8.278	1.9400	15.6832	1.94005
11200	-0.3576	1.5440	5.2441	1.2185	8.330	1.9443	15.6640	1.94435
11300	-0.3359	1.5705	5.2474	1.2199	8.381	1.9484	15.6437	1.94848
11400	-0.3144	1.5966	5.2507	1.2207	8.429	1.9524	15.6236	1.95257
11500	-0.2933	1.6225	5.2539	1.2219	8.479	1.9564	15.6034	1.95661
11600	-0.2726	1.6478	5.2571	1.2231	8.528	1.9602	15.5824	1.96051
11700	-0.2521	1.6728	5.2602	1.2240	8.576	1.9640	15.5617	1.96437
11800	-0.2321	1.6974	5.2633	1.2247	8.623	1.9677	15.5406	1.96815
11900	-0.2122	1.7217	5.2664	1.2259	8.672	1.9713	15.5199	1.97190
12000	-0.1928	1.7456	5.2695	1.2269	8.720	1.9749	15.4986	1.97553
12100	-0.1735	1.7692	5.2725	1.2274	8.765	1.9783	15.4774	1.97913
12200	-0.1545	1.7925	5.2755	1.2280	8.811	1.9818	15.4563	1.98267
12300	-0.1358	1.8155	5.2784	1.2288	8.858	1.9851	15.4357	1.98620
12400	-0.1173	1.8382	5.2814	1.2296	8.904	1.9884	15.4147	1.98964
12500	-0.0990	1.8608	5.2843	1.2299	8.948	1.9917	15.3941	1.99308
12600	-0.0809	1.8831	5.2872	1.2304	8.993	1.9950	15.3737	1.99648
12700	-0.0630	1.9051	5.2900	1.2307	9.037	1.9981	15.3536	1.99983
12800	-0.0453	1.9269	5.2929	1.2308	9.080	2.0013	15.3335	2.00316
12900	-0.0277	1.9485	5.2957	1.2313	9.124	2.0044	15.3139	2.00649
13000	-0.0103	1.9699	5.2985	1.2317	9.168	2.0075	15.2947	2.00979
13100	0.0069	1.9911	5.3013	1.2314	9.209	2.0105	15.2757	2.01306
13200	0.0239	2.0121	5.3040	1.2316	9.252	2.0135	15.2568	2.01631
13300	0.0408	2.0329	5.3068	1.2319	9.295	2.0165	15.2382	2.01955
13400	0.0577	2.0536	5.3095	1.2322	9.338	2.0195	15.2203	2.02280
13500	0.0743	2.0741	5.3123	1.2322	9.379	2.0224	15.2026	2.02601
13600	0.0908	2.0944	5.3150	1.2318	9.419	2.0253	15.1854	2.02924
13700	0.1072	2.1146	5.3177	1.2318	9.461	2.0283	15.1686	2.03246
13800	0.1235	2.1347	5.3203	1.2319	9.502	2.0311	15.1519	2.03568
13900	0.1397	2.1546	5.3230	1.2308	9.539	2.0340	15.1359	2.03892
14000	0.1558	2.1745	5.3257	1.2317	9.584	2.0368	15.1207	2.04211
14100	0.1717	2.1941	5.3283	1.2326	9.628	2.0397	15.1049	2.04536
14200	0.1875	2.2136	5.3310	1.2311	9.663	2.0425	15.0901	2.04859
14300	0.2033	2.2330	5.3336	1.2312	9.704	2.0453	15.0753	2.05182
14400	0.2190	2.2523	5.3362	1.2311	9.744	2.0481	15.0614	2.05507
14500	0.2346	2.2715	5.3388	1.2306	9.783	2.0509	15.0478	2.05832
14600	0.2500	2.2905	5.3414	1.2306	9.823	2.0537	15.0343	2.06157
14700	0.2655	2.3095	5.3440	1.2302	9.861	2.0565	15.0215	2.06486

S/R= 49.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	0.2808	2.3284	5.3466	1.2298	9.900	2.0592	15.0091	2.06813
14900	0.2960	2.3471	5.3492	1.2298	9.940	2.0620	14.9971	2.07143
15000	0.3112	2.3658	5.3518	1.2297	9.980	2.0647	14.9854	2.07474

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.9439	-5.7999	4.3904	1.0779	3.275	1.0871	7.0206	1.08713
3600	-6.7067	-5.5442	4.4291	1.0781	3.346	1.1029	7.4612	1.10289
3700	-6.4740	-5.2934	4.4654	1.0787	3.418	1.1191	7.8921	1.11907
3800	-6.2467	-5.0481	4.4996	1.0795	3.490	1.1356	8.3132	1.13561
3900	-6.0261	-4.8099	4.5316	1.0805	3.564	1.1524	8.7196	1.15238
4000	-5.8127	-4.5791	4.5616	1.0818	3.637	1.1693	9.1108	1.16929
4100	-5.6064	-4.3558	4.5899	1.0831	3.712	1.1863	9.4864	1.18631
4200	-5.4076	-4.1403	4.6165	1.0845	3.786	1.2034	9.8460	1.20336
4300	-5.2158	-3.9322	4.6417	1.0861	3.861	1.2205	10.1913	1.22045
4400	-5.0317	-3.7321	4.6654	1.0876	3.935	1.2375	10.5193	1.23747
4500	-4.8542	-3.5389	4.6880	1.0892	4.010	1.2545	10.8339	1.25447
4600	-4.6838	-3.3532	4.7093	1.0909	4.085	1.2714	11.1322	1.27135
4700	-4.5200	-3.1743	4.7296	1.0926	4.159	1.2882	11.4167	1.28816
4800	-4.3624	-3.0020	4.7490	1.0943	4.234	1.3049	11.6879	1.30485
4900	-4.2108	-2.8359	4.7674	1.0962	4.308	1.3214	11.9466	1.32142
5000	-4.0653	-2.6763	4.7850	1.0981	4.383	1.3378	12.1914	1.33783
5100	-3.9247	-2.5218	4.8020	1.0999	4.457	1.3544	12.4279	1.35436
5200	-3.7901	-2.3737	4.8181	1.1016	4.531	1.3704	12.6489	1.37044
5300	-3.6606	-2.2309	4.8335	1.1035	4.605	1.3863	12.8592	1.38634
5400	-3.5359	-2.0932	4.8483	1.1052	4.678	1.4021	13.0588	1.40206
5500	-3.4158	-1.9602	4.8625	1.1071	4.751	1.4176	13.2484	1.41760
5600	-3.3000	-1.8320	4.8762	1.1089	4.824	1.4330	13.4289	1.43297
5700	-3.1884	-1.7081	4.8894	1.1108	4.897	1.4481	13.6003	1.44815
5800	-3.0807	-1.5884	4.9021	1.1127	4.969	1.4631	13.7630	1.46315
5900	-2.9768	-1.4727	4.9144	1.1145	5.041	1.4780	13.9174	1.47795
6000	-2.8766	-1.3609	4.9263	1.1164	5.113	1.4926	14.0641	1.49256
6100	-2.7801	-1.2531	4.9377	1.1184	5.185	1.5069	14.2026	1.50693
6200	-2.6870	-1.1489	4.9488	1.1204	5.256	1.5211	14.3339	1.52108
6300	-2.5971	-1.0480	4.9594	1.1223	5.327	1.5350	14.4579	1.53502
6400	-2.5102	-0.9505	4.9698	1.1242	5.398	1.5487	14.5755	1.54873
6500	-2.4263	-0.8560	4.9798	1.1261	5.468	1.5622	14.6865	1.56223
6600	-2.3452	-0.7646	4.9896	1.1280	5.538	1.5755	14.7916	1.57550
6700	-2.2668	-0.6761	4.9990	1.1299	5.608	1.5886	14.8907	1.58854
6800	-2.1910	-0.5904	5.0081	1.1319	5.677	1.6014	14.9841	1.60136
6900	-2.1176	-0.5073	5.0170	1.1338	5.746	1.6140	15.0719	1.61395
7000	-2.0467	-0.4268	5.0256	1.1358	5.815	1.6263	15.1544	1.62631
7100	-1.9782	-0.3489	5.0340	1.1379	5.883	1.6385	15.2318	1.63843
7200	-1.9118	-0.2733	5.0421	1.1399	5.951	1.6504	15.3042	1.65033
7300	-1.8476	-0.2000	5.0501	1.1419	6.019	1.6620	15.3719	1.66199
7400	-1.7854	-0.1290	5.0577	1.1440	6.086	1.6734	15.4350	1.67341
7500	-1.7252	-0.0600	5.0652	1.1460	6.153	1.6846	15.4937	1.68461
7600	-1.6669	0.0068	5.0725	1.1481	6.220	1.6956	15.5481	1.69556
7700	-1.6105	0.0716	5.0796	1.1501	6.286	1.7063	15.5982	1.70627
7800	-1.5558	0.1346	5.0865	1.1521	6.352	1.7168	15.6446	1.71674
7900	-1.5028	0.1957	5.0932	1.1542	6.417	1.7270	15.6871	1.72699
8000	-1.4514	0.2551	5.0997	1.1562	6.482	1.7371	15.7260	1.73699
8100	-1.4016	0.3127	5.1061	1.1582	6.546	1.7468	15.7615	1.74674
8200	-1.3533	0.3687	5.1123	1.1603	6.610	1.7564	15.7937	1.75628

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-1.3065	0.4231	5.1184	1.1623	6.674	1.7657	15.8225	1.76559
8400	-1.2610	0.4760	5.1243	1.1644	6.737	1.7747	15.8482	1.77465
8500	-1.2169	0.5274	5.1300	1.1666	6.801	1.7836	15.8711	1.78350
8600	-1.1741	0.5774	5.1357	1.1687	6.863	1.7922	15.8911	1.79212
8700	-1.1325	0.6261	5.1411	1.1707	6.925	1.8007	15.9084	1.80052
8800	-1.0921	0.6733	5.1465	1.1729	6.987	1.8098	15.9230	1.80871
8900	-1.0529	0.7194	5.1517	1.1750	7.049	1.8158	15.9350	1.81667
9000	-1.0149	0.7641	5.1569	1.1772	7.110	1.8246	15.9445	1.82443
9100	-0.9779	0.8077	5.1619	1.1793	7.170	1.8321	15.9518	1.83197
9200	-0.9420	0.8501	5.1667	1.1815	7.231	1.8395	15.9567	1.83931
9300	-0.9070	0.8914	5.1715	1.1837	7.291	1.8466	15.9593	1.84644
9400	-0.8731	0.9317	5.1762	1.1857	7.350	1.8536	15.9601	1.85338
9500	-0.8400	0.9709	5.1807	1.1878	7.409	1.8603	15.9589	1.86012
9600	-0.8079	1.0091	5.1852	1.1900	7.468	1.8669	15.9560	1.86669
9700	-0.7766	1.0464	5.1896	1.1922	7.526	1.8732	15.9511	1.87306
9800	-0.7461	1.0827	5.1938	1.1944	7.585	1.8794	15.9445	1.87925
9900	-0.7165	1.1182	5.1980	1.1964	7.642	1.8854	15.9364	1.88525
10000	-0.6875	1.1528	5.2021	1.1983	7.698	1.8913	15.9268	1.89109
10100	-0.6594	1.1866	5.2062	1.1979	7.747	1.8969	15.9158	1.89673
10200	-0.6308	1.2208	5.2103	1.1999	7.804	1.9028	15.9094	1.90260
10300	-0.6040	1.2531	5.2141	1.2044	7.867	1.9081	15.8959	1.90796
10400	-0.5778	1.2846	5.2179	1.2065	7.923	1.9133	15.8810	1.91314
10500	-0.5524	1.3153	5.2216	1.2082	7.977	1.9183	15.8648	1.91814
10600	-0.5274	1.3456	5.2253	1.2097	8.030	1.9231	15.8481	1.92305
10700	-0.5029	1.3751	5.2289	1.2117	8.085	1.9279	15.8305	1.92781
10800	-0.4791	1.4041	5.2324	1.2131	8.137	1.9325	15.8118	1.93244
10900	-0.4556	1.4325	5.2359	1.2145	8.189	1.9370	15.7931	1.93698
11000	-0.4327	1.4604	5.2393	1.2163	8.241	1.9414	15.7735	1.94140
11100	-0.4101	1.4878	5.2427	1.2176	8.292	1.9456	15.7535	1.94570
11200	-0.3880	1.5148	5.2460	1.2193	8.344	1.9498	15.7330	1.94992
11300	-0.3665	1.5411	5.2493	1.2207	8.395	1.9538	15.7116	1.95399
11400	-0.3452	1.5671	5.2525	1.2214	8.443	1.9577	15.6902	1.95800
11500	-0.3242	1.5927	5.2557	1.2225	8.492	1.9616	15.6692	1.96196
11600	-0.3037	1.6178	5.2589	1.2237	8.541	1.9654	15.6471	1.96579
11700	-0.2834	1.6427	5.2620	1.2246	8.589	1.9691	15.6255	1.96959
11800	-0.2634	1.6672	5.2651	1.2251	8.636	1.9727	15.6035	1.97332
11900	-0.2436	1.6914	5.2682	1.2262	8.684	1.9763	15.5820	1.97701
12000	-0.2243	1.7151	5.2712	1.2271	8.731	1.9798	15.5600	1.98060
12100	-0.2051	1.7387	5.2742	1.2275	8.777	1.9832	15.5383	1.98416
12200	-0.1862	1.7619	5.2772	1.2282	8.823	1.9866	15.5166	1.98767
12300	-0.1675	1.7849	5.2801	1.2289	8.869	1.9899	15.4953	1.99115
12400	-0.1490	1.8075	5.2830	1.2296	8.915	1.9932	15.4739	1.99456
12500	-0.1308	1.8300	5.2859	1.2298	8.958	1.9964	15.4528	1.99796
12600	-0.1127	1.8522	5.2888	1.2302	9.003	1.9996	15.4320	2.00133
12700	-0.0948	1.8742	5.2916	1.2304	9.046	2.0027	15.4115	2.00466
12800	-0.0771	1.8960	5.2945	1.2305	9.089	2.0059	15.3911	2.00797
12900	-0.0596	1.9176	5.2973	1.2310	9.134	2.0089	15.3711	2.01128
13000	-0.0422	1.9390	5.3001	1.2312	9.177	2.0120	15.3517	2.01457
13100	-0.0250	1.9602	5.3029	1.2309	9.218	2.0150	15.3323	2.01783
13200	-0.0079	1.9812	5.3056	1.2310	9.260	2.0180	15.3135	2.02108
13300	0.0090	2.0020	5.3084	1.2314	9.303	2.0210	15.2947	2.02431
13400	0.0258	2.0227	5.3111	1.2316	9.346	2.0240	15.2767	2.02756
13500	0.0425	2.0432	5.3139	1.2315	9.387	2.0269	15.2589	2.03077
13600	0.0591	2.0636	5.3166	1.2310	9.427	2.0298	15.2417	2.03400
13700	0.0755	2.0839	5.3193	1.2310	9.468	2.0327	15.2247	2.03723

S/R= 49.2

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13800	0.0918	2.1040	5.3220	1.2311	9.510	2.0356	15.2082	2.04046
13900	0.1081	2.1240	5.3246	1.2300	9.546	2.0384	15.1922	2.04371
14000	0.1243	2.1439	5.3273	1.2310	9.591	2.0413	15.1771	2.04691
14100	0.1402	2.1635	5.3300	1.2316	9.635	2.0441	15.1613	2.05019
14200	0.1561	2.1831	5.3326	1.2302	9.670	2.0470	15.1465	2.05344
14300	0.1719	2.2026	5.3352	1.2304	9.711	2.0498	15.1320	2.05669
14400	0.1877	2.2219	5.3379	1.2301	9.751	2.0526	15.1180	2.05996
14500	0.2033	2.2412	5.3405	1.2296	9.789	2.0554	15.1044	2.06322
14600	0.2189	2.2603	5.3431	1.2296	9.830	2.0582	15.0911	2.06650
14700	0.2344	2.2793	5.3457	1.2293	9.869	2.0610	15.0787	2.06981
14800	0.2498	2.2983	5.3483	1.2288	9.907	2.0637	15.0662	2.07311
14900	0.2651	2.3171	5.3509	1.2288	9.947	2.0665	15.0544	2.07645
15000	0.2803	2.3358	5.3534	1.2287	9.987	2.0693	15.0429	2.07979

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3500	-6.9793	-5.8339	4.3975	1.0774	3.279	1.0906	7.1353	1.09059
3600	-6.7394	-5.5755	4.4361	1.0777	3.351	1.1066	7.5818	1.10661
3700	-6.5045	-5.3223	4.4722	1.0783	3.423	1.1230	8.0173	1.12305
3800	-6.2754	-5.0752	4.5062	1.0792	3.496	1.1398	8.4423	1.13982
3900	-6.0533	-4.8354	4.5381	1.0803	3.570	1.1568	8.8518	1.15680
4000	-5.8385	-4.6032	4.5680	1.0815	3.644	1.1739	9.2456	1.17391
4100	-5.6311	-4.3788	4.5961	1.0829	3.719	1.1911	9.6234	1.19112
4200	-5.4314	-4.1624	4.6226	1.0843	3.793	1.2083	9.9848	1.20835
4300	-5.2388	-3.9534	4.6476	1.0859	3.868	1.2256	10.3317	1.22561
4400	-5.0540	-3.7525	4.6712	1.0875	3.943	1.2428	10.6608	1.24279
4500	-4.8759	-3.5587	4.6937	1.0891	4.018	1.2599	10.9765	1.25995
4600	-4.7050	-3.3725	4.7149	1.0908	4.093	1.2770	11.2756	1.27698
4700	-4.5407	-3.1931	4.7351	1.0925	4.168	1.2939	11.5607	1.29393
4800	-4.3827	-3.0204	4.7543	1.0942	4.243	1.3108	11.8326	1.31076
4900	-4.2308	-2.8540	4.7727	1.0961	4.318	1.3275	12.0915	1.32746
5000	-4.0850	-2.6941	4.7902	1.0981	4.393	1.3440	12.3366	1.34400
5100	-3.9443	-2.5394	4.8070	1.0999	4.467	1.3606	12.5732	1.36065
5200	-3.8095	-2.3910	4.8230	1.1016	4.541	1.3768	12.7942	1.37685
5300	-3.6798	-2.2480	4.8384	1.1034	4.615	1.3929	13.0043	1.39286
5400	-3.5550	-2.1101	4.8531	1.1052	4.689	1.4087	13.2038	1.40869
5500	-3.4347	-1.9771	4.8673	1.1071	4.762	1.4243	13.3933	1.42434
5600	-3.3189	-1.8488	4.8809	1.1089	4.835	1.4398	13.5735	1.43981
5700	-3.2071	-1.7248	4.8940	1.1108	4.908	1.4551	13.7444	1.45508
5800	-3.0995	-1.6051	4.9067	1.1127	4.981	1.4702	13.9067	1.47017
5900	-2.9956	-1.4894	4.9189	1.1145	5.053	1.4851	14.0605	1.48506
6000	-2.8954	-1.3776	4.9306	1.1165	5.126	1.4997	14.2066	1.49975
6100	-2.7989	-1.2698	4.9420	1.1185	5.198	1.5142	14.3445	1.51419
6200	-2.7058	-1.1656	4.9530	1.1204	5.269	1.5284	14.4751	1.52842
6300	-2.6159	-1.0648	4.9636	1.1224	5.340	1.5424	14.5985	1.54242
6400	-2.5292	-0.9673	4.9739	1.1243	5.411	1.5562	14.7153	1.55620
6500	-2.4453	-0.8730	4.9839	1.1262	5.482	1.5698	14.8255	1.56976
6600	-2.3643	-0.7817	4.9936	1.1281	5.552	1.5831	14.9295	1.58309
6700	-2.2860	-0.6933	5.0030	1.1301	5.622	1.5962	15.0278	1.59617
6800	-2.2103	-0.6077	5.0121	1.1321	5.691	1.6090	15.1200	1.60903
6900	-2.1372	-0.5248	5.0209	1.1340	5.760	1.6217	15.2068	1.62166
7000	-2.0664	-0.4444	5.0295	1.1360	5.829	1.6341	15.2883	1.63406
7100	-1.9980	-0.3667	5.0378	1.1381	5.898	1.6462	15.3645	1.64621
7200	-1.9318	-0.2913	5.0459	1.1401	5.966	1.6582	15.4358	1.65813

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-1.8678	-0.2182	5.0537	1.1421	6.034	1.6698	15.5023	1.66981
7400	-1.8058	-0.1474	5.0614	1.1443	6.101	1.6813	15.5639	1.68124
7500	-1.7458	-0.0787	5.0688	1.1463	6.169	1.6925	15.6213	1.69245
7600	-1.6878	-0.0120	5.0760	1.1484	6.235	1.7034	15.6743	1.70340
7700	-1.6316	0.0526	5.0830	1.1504	6.301	1.7142	15.7232	1.71411
7800	-1.5771	0.1152	5.0899	1.1525	6.367	1.7246	15.7679	1.72457
7900	-1.5244	0.1761	5.0965	1.1547	6.433	1.7349	15.8090	1.73481
8000	-1.4733	0.2352	5.1030	1.1567	6.498	1.7448	15.8463	1.74478
8100	-1.4237	0.2925	5.1093	1.1587	6.562	1.7546	15.8802	1.75452
8200	-1.3757	0.3482	5.1155	1.1608	6.626	1.7641	15.9107	1.76402
8300	-1.3291	0.4024	5.1215	1.1629	6.690	1.7734	15.9380	1.77329
8400	-1.2839	0.4550	5.1274	1.1650	6.754	1.7824	15.9621	1.78232
8500	-1.2401	0.5060	5.1331	1.1673	6.817	1.7912	15.9831	1.79112
8600	-1.1976	0.5557	5.1387	1.1694	6.880	1.7998	16.0015	1.79968
8700	-1.1563	0.6040	5.1441	1.1714	6.942	1.8082	16.0169	1.80803
8800	-1.1163	0.6510	5.1494	1.1737	7.004	1.8163	16.0297	1.81616
8900	-1.0774	0.6967	5.1546	1.1758	7.065	1.8242	16.0399	1.82406
9000	-1.0396	0.7411	5.1597	1.1780	7.126	1.8319	16.0476	1.83175
9100	-1.0030	0.7844	5.1646	1.1801	7.187	1.8394	16.0530	1.83922
9200	-0.9673	0.8264	5.1694	1.1824	7.248	1.8466	16.0560	1.84648
9300	-0.9327	0.8674	5.1741	1.1847	7.308	1.8537	16.0569	1.85353
9400	-0.8991	0.9073	5.1788	1.1867	7.367	1.8605	16.0558	1.86038
9500	-0.8664	0.9461	5.1833	1.1889	7.426	1.8672	16.0527	1.86705
9600	-0.8345	0.9840	5.1877	1.1910	7.485	1.8737	16.0478	1.87352
9700	-0.8035	1.0210	5.1920	1.1932	7.543	1.8800	16.0414	1.87981
9800	-0.7734	1.0570	5.1962	1.1955	7.602	1.8861	16.0330	1.88591
9900	-0.7440	1.0921	5.2004	1.1975	7.659	1.8920	16.0231	1.89182
10000	-0.7154	1.1264	5.2044	1.1994	7.715	1.8977	16.0117	1.89755
10100	-0.6875	1.1599	5.2084	1.1991	7.764	1.9032	15.9989	1.90310
10200	-0.6593	1.1937	5.2125	1.2010	7.820	1.9090	15.9906	1.90886
10300	-0.6327	1.2257	5.2163	1.2053	7.883	1.9142	15.9756	1.91413
10400	-0.6068	1.2570	5.2200	1.2075	7.939	1.9193	15.9591	1.91922
10500	-0.5816	1.2874	5.2237	1.2092	7.993	1.9242	15.9416	1.92414
10600	-0.5568	1.3174	5.2273	1.2108	8.046	1.9290	15.9232	1.92895
10700	-0.5327	1.3467	5.2309	1.2128	8.100	1.9336	15.9042	1.93362
10800	-0.5090	1.3754	5.2344	1.2141	8.152	1.9381	15.8842	1.93816
10900	-0.4858	1.4036	5.2378	1.2155	8.204	1.9425	15.8639	1.94261
11000	-0.4630	1.4313	5.2412	1.2171	8.256	1.9468	15.8431	1.94695
11100	-0.4407	1.4585	5.2446	1.2184	8.306	1.9510	15.8217	1.95117
11200	-0.4188	1.4852	5.2479	1.2199	8.358	1.9551	15.8003	1.95532
11300	-0.3973	1.5114	5.2511	1.2213	8.408	1.9590	15.7779	1.95933
11400	-0.3762	1.5372	5.2543	1.2221	8.456	1.9629	15.7554	1.96327
11500	-0.3553	1.5627	5.2575	1.2231	8.505	1.9667	15.7333	1.96716
11600	-0.3349	1.5877	5.2606	1.2242	8.554	1.9704	15.7103	1.97093
11700	-0.3147	1.6124	5.2638	1.2251	8.602	1.9740	15.6879	1.97467
11800	-0.2949	1.6367	5.2668	1.2255	8.648	1.9776	15.6652	1.97833
11900	-0.2752	1.6608	5.2699	1.2265	8.695	1.9811	15.6429	1.98198
12000	-0.2559	1.6845	5.2729	1.2272	8.742	1.9845	15.6201	1.98552
12100	-0.2368	1.7079	5.2759	1.2276	8.787	1.9879	15.5979	1.98904
12200	-0.2180	1.7311	5.2788	1.2281	8.833	1.9912	15.5758	1.99251
12300	-0.1993	1.7541	5.2817	1.2288	8.879	1.9946	15.5538	1.99597
12400	-0.1809	1.7767	5.2846	1.2296	8.925	1.9978	15.5319	1.99934
12500	-0.1627	1.7991	5.2875	1.2297	8.968	2.0010	15.5106	2.00272
12600	-0.1446	1.8213	5.2904	1.2300	9.012	2.0041	15.4893	2.00606
12700	-0.1268	1.8432	5.2933	1.2301	9.055	2.0072	15.4685	2.00937

S/R= 49.4

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-0.1091	1.8650	5.2961	1.2301	9.098	2.0103	15.4478	2.01266
12900	-0.0915	1.8866	5.2989	1.2306	9.142	2.0134	15.4277	2.01596
13000	-0.0741	1.9080	5.3017	1.2306	9.185	2.0164	15.4081	2.01924
13100	-0.0569	1.9292	5.3045	1.2304	9.226	2.0194	15.3885	2.02250
13200	-0.0398	1.9502	5.3072	1.2305	9.268	2.0224	15.3695	2.02575
13300	-0.0228	1.9711	5.3100	1.2307	9.311	2.0254	15.3508	2.02899
13400	-0.0060	1.9919	5.3127	1.2309	9.353	2.0283	15.3327	2.03223
13500	0.0107	2.0124	5.3154	1.2306	9.394	2.0312	15.3147	2.03545
13600	0.0273	2.0328	5.3182	1.2302	9.434	2.0342	15.2973	2.03869
13700	0.0438	2.0531	5.3209	1.2303	9.476	2.0371	15.2806	2.04193
13800	0.0602	2.0733	5.3236	1.2302	9.516	2.0399	15.2640	2.04517
13900	0.0765	2.0933	5.3262	1.2290	9.553	2.0428	15.2482	2.04843
14000	0.0928	2.1133	5.3289	1.2301	9.598	2.0457	15.2331	2.05165
14100	0.1087	2.1330	5.3316	1.2307	9.642	2.0485	15.2174	2.05495
14200	0.1247	2.1527	5.3342	1.2293	9.677	2.0514	15.2028	2.05822
14300	0.1406	2.1722	5.3368	1.2293	9.718	2.0542	15.1884	2.06150
14400	0.1564	2.1916	5.3395	1.2291	9.757	2.0570	15.1746	2.06480
14500	0.1721	2.2109	5.3421	1.2287	9.796	2.0598	15.1612	2.06809
14600	0.1878	2.2301	5.3447	1.2287	9.837	2.0626	15.1482	2.07139
14700	0.2033	2.2493	5.3473	1.2283	9.875	2.0654	15.1356	2.07473
14800	0.2188	2.2683	5.3499	1.2278	9.913	2.0682	15.1235	2.07806
14900	0.2342	2.2872	5.3525	1.2277	9.953	2.0710	15.1119	2.08143
15000	0.2495	2.3060	5.3551	1.2277	9.993	2.0738	15.1006	2.08480

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-6.7714	-5.6060	4.4430	1.0776	3.356	1.1104	7.7038	1.11038
3700	-6.5344	-5.3507	4.4790	1.0779	3.429	1.1271	8.1439	1.12707
3800	-6.3035	-5.1017	4.5129	1.0789	3.502	1.1441	8.5725	1.14406
3900	-6.0799	-4.8603	4.5446	1.0800	3.576	1.1613	8.9851	1.16126
4000	-5.8639	-4.6269	4.5743	1.0813	3.651	1.1786	9.3814	1.17856
4100	-5.6555	-4.4014	4.6023	1.0827	3.726	1.1960	9.7612	1.19596
4200	-5.4549	-4.1840	4.6286	1.0842	3.801	1.2134	10.1244	1.21337
4300	-5.2615	-3.9743	4.6535	1.0857	3.876	1.2308	10.4727	1.23080
4400	-5.0760	-3.7727	4.6770	1.0873	3.952	1.2481	10.8031	1.24814
4500	-4.8973	-3.5783	4.6993	1.0890	4.027	1.2654	11.1197	1.26545
4600	-4.7259	-3.3915	4.7204	1.0907	4.102	1.2826	11.4196	1.28263
4700	-4.5613	-3.2117	4.7405	1.0924	4.177	1.2997	11.7053	1.29972
4800	-4.4029	-3.0386	4.7596	1.0942	4.252	1.3167	11.9775	1.31669
4900	-4.2507	-2.8719	4.7779	1.0960	4.328	1.3335	12.2367	1.33351
5000	-4.1046	-2.7117	4.7953	1.0980	4.403	1.3502	12.4820	1.35018
5100	-3.9636	-2.5567	4.8120	1.0998	4.478	1.3669	12.7187	1.36695
5200	-3.8286	-2.4081	4.8279	1.1016	4.552	1.3833	12.9397	1.38327
5300	-3.6988	-2.2650	4.8432	1.1034	4.626	1.3994	13.1496	1.39939
5400	-3.5738	-2.1270	4.8578	1.1052	4.700	1.4153	13.3491	1.41533
5500	-3.4535	-1.9939	4.8719	1.1071	4.773	1.4311	13.5383	1.43106
5600	-3.3376	-1.8654	4.8855	1.1089	4.847	1.4466	13.7180	1.44664
5700	-3.2258	-1.7414	4.8985	1.1108	4.920	1.4620	13.8886	1.46201
5800	-3.1181	-1.6217	4.9111	1.1127	4.993	1.4772	14.0505	1.47719
5900	-3.0142	-1.5060	4.9233	1.1146	5.065	1.4922	14.2039	1.49217
6000	-2.9140	-1.3942	4.9350	1.1165	5.138	1.5069	14.3492	1.50693
6100	-2.8176	-1.2864	4.9463	1.1186	5.210	1.5215	14.4864	1.52146
6200	-2.7246	-1.1823	4.9572	1.1205	5.282	1.5357	14.6163	1.53575
6300	-2.6348	-1.0815	4.9678	1.1224	5.353	1.5498	14.7390	1.54982

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-2.5481	-0.9841	4.9780	1.1244	5.424	1.5637	14.8548	1.56366
6500	-2.4643	-0.8899	4.9880	1.1263	5.495	1.5773	14.9642	1.57728
6600	-2.3834	-0.7987	4.9976	1.1283	5.565	1.5907	15.0672	1.59065
6700	-2.3052	-0.7104	5.0069	1.1302	5.636	1.6038	15.1645	1.60379
6800	-2.2297	-0.6250	5.0159	1.1322	5.705	1.6167	15.2558	1.61670
6900	-2.1567	-0.5422	5.0247	1.1342	5.775	1.6294	15.3414	1.62935
7000	-2.0861	-0.4621	5.0332	1.1363	5.844	1.6418	15.4218	1.64179
7100	-2.0179	-0.3845	5.0415	1.1384	5.913	1.6540	15.4968	1.65397
7200	-1.9519	-0.3093	5.0495	1.1404	5.981	1.6659	15.5668	1.66590
7300	-1.8880	-0.2364	5.0573	1.1424	6.049	1.6776	15.6320	1.67760
7400	-1.8263	-0.1658	5.0649	1.1446	6.116	1.6891	15.6924	1.68904
7500	-1.7665	-0.0973	5.0723	1.1467	6.184	1.7003	15.7483	1.70024
7600	-1.7087	-0.0310	5.0795	1.1487	6.250	1.7112	15.7999	1.71120
7700	-1.6527	0.0334	5.0864	1.1509	6.317	1.7219	15.8472	1.72190
7800	-1.5985	0.0958	5.0932	1.1530	6.383	1.7324	15.8905	1.73234
7900	-1.5460	0.1564	5.0998	1.1551	6.448	1.7426	15.9300	1.74256
8000	-1.4952	0.2152	5.1063	1.1572	6.514	1.7526	15.9657	1.75252
8100	-1.4459	0.2722	5.1126	1.1593	6.578	1.7623	15.9980	1.76222
8200	-1.3982	0.3276	5.1187	1.1614	6.642	1.7718	16.0267	1.77169
8300	-1.3519	0.3814	5.1246	1.1635	6.706	1.7810	16.0523	1.78092
8400	-1.3070	0.4337	5.1304	1.1657	6.770	1.7900	16.0746	1.78990
8500	-1.2635	0.4845	5.1361	1.1680	6.833	1.7987	16.0940	1.79866
8600	-1.2213	0.5338	5.1416	1.1701	6.896	1.8073	16.1105	1.80716
8700	-1.1803	0.5818	5.1470	1.1722	6.958	1.8156	16.1241	1.81545
8800	-1.1406	0.6284	5.1523	1.1745	7.020	1.8236	16.1351	1.82352
8900	-1.1020	0.6738	5.1574	1.1767	7.082	1.8315	16.1433	1.83135
9000	-1.0646	0.7178	5.1624	1.1789	7.143	1.8391	16.1492	1.83896
9100	-1.0283	0.7607	5.1673	1.1811	7.204	1.8465	16.1527	1.84635
9200	-0.9930	0.8025	5.1721	1.1833	7.264	1.8537	16.1539	1.85353
9300	-0.9587	0.8431	5.1767	1.1857	7.325	1.8606	16.1529	1.86050
9400	-0.9254	0.8826	5.1813	1.1878	7.384	1.8674	16.1499	1.86727
9500	-0.8930	0.9211	5.1858	1.1899	7.443	1.8740	16.1448	1.87383
9600	-0.8615	0.9586	5.1901	1.1921	7.502	1.8803	16.1381	1.88021
9700	-0.8308	0.9953	5.1944	1.1942	7.560	1.8865	16.1298	1.88641
9800	-0.8009	1.0310	5.1986	1.1966	7.618	1.8925	16.1198	1.89243
9900	-0.7718	1.0658	5.2027	1.1986	7.675	1.8983	16.1081	1.89824
10000	-0.7435	1.0997	5.2067	1.2006	7.731	1.9040	16.0949	1.90387
10100	-0.7160	1.1329	5.2106	1.2003	7.780	1.9094	16.0802	1.90932
10200	-0.6880	1.1663	5.2146	1.2022	7.836	1.9150	16.0700	1.91497
10300	-0.6618	1.1980	5.2184	1.2065	7.899	1.9202	16.0532	1.92014
10400	-0.6361	1.2290	5.2221	1.2085	7.954	1.9252	16.0352	1.92513
10500	-0.6111	1.2592	5.2258	1.2102	8.008	1.9300	16.0162	1.92997
10600	-0.5866	1.2889	5.2293	1.2117	8.061	1.9347	15.9965	1.93470
10700	-0.5626	1.3180	5.2329	1.2138	8.115	1.9392	15.9760	1.93927
10800	-0.5392	1.3464	5.2363	1.2151	8.167	1.9436	15.9546	1.94372
10900	-0.5162	1.3744	5.2397	1.2164	8.218	1.9479	15.9331	1.94809
11000	-0.4936	1.4019	5.2431	1.2180	8.270	1.9521	15.9109	1.95234
11100	-0.4715	1.4288	5.2464	1.2192	8.320	1.9562	15.8882	1.95648
11200	-0.4497	1.4554	5.2497	1.2206	8.371	1.9602	15.8658	1.96056
11300	-0.4284	1.4814	5.2529	1.2218	8.421	1.9641	15.8424	1.96449
11400	-0.4074	1.5071	5.2561	1.2225	8.469	1.9679	15.8191	1.96838
11500	-0.3867	1.5324	5.2592	1.2235	8.517	1.9716	15.7960	1.97222
11600	-0.3664	1.5573	5.2624	1.2247	8.566	1.9753	15.7724	1.97593
11700	-0.3463	1.5819	5.2654	1.2255	8.614	1.9788	15.7489	1.97960
11800	-0.3266	1.6061	5.2685	1.2259	8.659	1.9823	15.7255	1.98322

S/R= 49.6

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-0.3070	1.6301	5.2715	1.2267	8.707	1.9858	15.7025	1.98681
12000	-0.2878	1.6537	5.2745	1.2273	8.753	1.9892	15.6792	1.99031
12100	-0.2687	1.6771	5.2775	1.2277	8.798	1.9925	15.6563	1.99379
12200	-0.2499	1.7002	5.2804	1.2282	8.843	1.9958	15.6336	1.99723
12300	-0.2313	1.7231	5.2834	1.2286	8.888	1.9991	15.6115	2.00066
12400	-0.2129	1.7456	5.2862	1.2293	8.934	2.0023	15.5891	2.00401
12500	-0.1947	1.7681	5.2891	1.2294	8.977	2.0054	15.5672	2.00736
12600	-0.1766	1.7902	5.2920	1.2297	9.021	2.0086	15.5459	2.01068
12700	-0.1588	1.8122	5.2948	1.2296	9.064	2.0116	15.5246	2.01398
12800	-0.1411	1.8339	5.2976	1.2297	9.106	2.0147	15.5038	2.01726
12900	-0.1235	1.8555	5.3005	1.2301	9.150	2.0178	15.4836	2.02055
13000	-0.1061	1.8770	5.3033	1.2300	9.192	2.0208	15.4637	2.02382
13100	-0.0888	1.8982	5.3060	1.2298	9.233	2.0238	15.4442	2.02708
13200	-0.0717	1.9193	5.3088	1.2298	9.276	2.0267	15.4251	2.03033
13300	-0.0547	1.9402	5.3116	1.2300	9.318	2.0297	15.4063	2.03357
13400	-0.0378	1.9610	5.3143	1.2301	9.360	2.0327	15.3883	2.03682
13500	-0.0211	1.9815	5.3170	1.2299	9.401	2.0356	15.3703	2.04006
13600	-0.0044	2.0020	5.3197	1.2294	9.441	2.0385	15.3530	2.04330
13700	0.0121	2.0224	5.3224	1.2295	9.482	2.0414	15.3362	2.04656
13800	0.0286	2.0426	5.3251	1.2292	9.523	2.0443	15.3197	2.04982
13900	0.0450	2.0627	5.3278	1.2281	9.559	2.0472	15.3040	2.05310
14000	0.0613	2.0828	5.3305	1.2292	9.605	2.0500	15.2891	2.05634
14100	0.0773	2.1025	5.3332	1.2297	9.648	2.0529	15.2736	2.05966
14200	0.0934	2.1223	5.3358	1.2283	9.683	2.0557	15.2591	2.06296
14300	0.1094	2.1419	5.3385	1.2283	9.724	2.0586	15.2450	2.06627
14400	0.1253	2.1614	5.3411	1.2281	9.764	2.0614	15.2313	2.06959
14500	0.1411	2.1808	5.3437	1.2277	9.803	2.0643	15.2181	2.07292
14600	0.1568	2.2001	5.3463	1.2277	9.843	2.0671	15.2053	2.07625
14700	0.1724	2.2193	5.3490	1.2273	9.882	2.0699	15.1930	2.07962
14800	0.1880	2.2384	5.3516	1.2268	9.920	2.0727	15.1810	2.08298
14900	0.2035	2.2574	5.3542	1.2267	9.960	2.0755	15.1695	2.08638
15000	0.2189	2.2763	5.3567	1.2268	10.000	2.0783	15.1585	2.08979

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-6.8028	-5.6359	4.4499	1.0772	3.361	1.1142	7.8273	1.11420
3700	-6.5638	-5.3785	4.4858	1.0776	3.434	1.1311	8.2718	1.13113
3800	-6.3312	-5.1277	4.5195	1.0786	3.508	1.1483	8.7039	1.14835
3900	-6.1061	-4.8849	4.5510	1.0798	3.583	1.1657	9.1194	1.16575
4000	-5.8889	-4.6502	4.5806	1.0811	3.658	1.1832	9.5179	1.18325
4100	-5.6795	-4.4236	4.6084	1.0825	3.733	1.2008	9.9000	1.20083
4200	-5.4780	-4.2053	4.6346	1.0840	3.809	1.2184	10.2647	1.21841
4300	-5.2839	-3.9948	4.6594	1.0856	3.884	1.2360	10.6144	1.23601
4400	-5.0977	-3.7925	4.6827	1.0872	3.960	1.2535	10.9459	1.25351
4500	-4.9185	-3.5976	4.7049	1.0889	4.035	1.2710	11.2634	1.27097
4600	-4.7466	-3.4102	4.7259	1.0906	4.111	1.2883	11.5641	1.28830
4700	-4.5815	-3.2300	4.7458	1.0923	4.187	1.3055	11.8503	1.30553
4800	-4.4228	-3.0566	4.7648	1.0941	4.262	1.3226	12.1228	1.32263
4900	-4.2704	-2.8896	4.7830	1.0960	4.337	1.3396	12.3823	1.33958
5000	-4.1240	-2.7291	4.8003	1.0979	4.413	1.3564	12.6277	1.35638
5100	-3.9828	-2.5738	4.8170	1.0998	4.488	1.3733	12.8647	1.37326
5200	-3.8476	-2.4251	4.8328	1.1015	4.562	1.3897	13.0854	1.38969
5300	-3.7177	-2.2818	4.8480	1.1034	4.637	1.4059	13.2953	1.40593
5400	-3.5926	-2.1437	4.8626	1.1052	4.711	1.4220	13.4945	1.42198

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5500	-3.4722	-2.0105	4.8766	1.1071	4.785	1.4378	13.6834	1.43783
5600	-3.3562	-1.8820	4.8900	1.1089	4.858	1.4535	13.8628	1.45349
5700	-3.2444	-1.7579	4.9030	1.1108	4.932	1.4689	14.0328	1.46895
5800	-3.1367	-1.6382	4.9155	1.1128	5.005	1.4842	14.1942	1.48421
5900	-3.0328	-1.5225	4.9276	1.1146	5.078	1.4993	14.3471	1.49928
6000	-2.9326	-1.4107	4.9393	1.1166	5.150	1.5141	14.4918	1.51412
6100	-2.8362	-1.3030	4.9505	1.1186	5.223	1.5287	14.6282	1.52872
6200	-2.7432	-1.1989	4.9614	1.1206	5.295	1.5431	14.7574	1.54308
6300	-2.6535	-1.0982	4.9719	1.1226	5.366	1.5572	14.8793	1.55722
6400	-2.5669	-1.0009	4.9821	1.1245	5.438	1.5711	14.9942	1.57112
6500	-2.4833	-0.9068	4.9920	1.1264	5.508	1.5848	15.1027	1.58479
6600	-2.4025	-0.8157	5.0015	1.1284	5.579	1.5982	15.2048	1.59821
6700	-2.3245	-0.7276	5.0108	1.1304	5.649	1.6114	15.3011	1.61139
6800	-2.2491	-0.6423	5.0198	1.1324	5.719	1.6243	15.3913	1.62434
6900	-2.1762	-0.5597	5.0285	1.1344	5.789	1.6370	15.4757	1.63703
7000	-2.1058	-0.4797	5.0370	1.1365	5.858	1.6495	15.5549	1.64949
7100	-2.0377	-0.4023	5.0452	1.1386	5.927	1.6617	15.6286	1.66170
7200	-1.9720	-0.3274	5.0532	1.1407	5.995	1.6737	15.6973	1.67364
7300	-1.9083	-0.2547	5.0609	1.1427	6.063	1.6854	15.7612	1.68535
7400	-1.8468	-0.1843	5.0684	1.1449	6.131	1.6968	15.8201	1.69680
7500	-1.7873	-0.1161	5.0758	1.1470	6.199	1.7080	15.8746	1.70800
7600	-1.7297	-0.0500	5.0829	1.1491	6.266	1.7190	15.9248	1.71895
7700	-1.6740	0.0141	5.0898	1.1513	6.332	1.7297	15.9706	1.72965
7800	-1.6200	0.0762	5.0965	1.1534	6.398	1.7401	16.0123	1.74007
7900	-1.5678	0.1365	5.1031	1.1556	6.464	1.7503	16.0502	1.75026
8000	-1.5172	0.1950	5.1095	1.1577	6.529	1.7602	16.0842	1.76019
8100	-1.4683	0.2518	5.1157	1.1599	6.594	1.7699	16.1148	1.76987
8200	-1.4208	0.3069	5.1218	1.1619	6.658	1.7794	16.1418	1.77929
8300	-1.3748	0.3603	5.1277	1.1641	6.722	1.7885	16.1656	1.78847
8400	-1.3303	0.4123	5.1334	1.1664	6.786	1.7975	16.1861	1.79741
8500	-1.2871	0.4627	5.1390	1.1687	6.850	1.8062	16.2036	1.80610
8600	-1.2452	0.5117	5.1445	1.1708	6.912	1.8146	16.2182	1.81455
8700	-1.2046	0.5593	5.1498	1.1729	6.974	1.8229	16.2299	1.82277
8800	-1.1651	0.6056	5.1550	1.1753	7.037	1.8309	16.2391	1.83077
8900	-1.1269	0.6506	5.1601	1.1776	7.099	1.8386	16.2454	1.83852
9000	-1.0898	0.6943	5.1651	1.1798	7.160	1.8462	16.2493	1.84606
9100	-1.0538	0.7368	5.1699	1.1821	7.220	1.8535	16.2508	1.85337
9200	-1.0189	0.7782	5.1746	1.1842	7.281	1.8606	16.2501	1.86046
9300	-0.9849	0.8184	5.1793	1.1867	7.341	1.8675	16.2472	1.86735
9400	-0.9519	0.8576	5.1838	1.1889	7.401	1.8741	16.2422	1.87401
9500	-0.9199	0.8958	5.1882	1.1910	7.459	1.8806	16.2353	1.88049
9600	-0.8887	0.9329	5.1925	1.1933	7.518	1.8869	16.2266	1.88676
9700	-0.8583	0.9692	5.1967	1.1954	7.576	1.8930	16.2163	1.89286
9800	-0.8288	1.0046	5.2009	1.1976	7.634	1.8989	16.2045	1.89878
9900	-0.8000	1.0391	5.2049	1.1996	7.691	1.9046	16.1912	1.90450
10000	-0.7720	1.0727	5.2089	1.2017	7.748	1.9101	16.1763	1.91004
10100	-0.7447	1.1055	5.2128	1.2016	7.797	1.9154	16.1597	1.91539
10200	-0.7171	1.1386	5.2167	1.2034	7.852	1.9209	16.1476	1.92093
10300	-0.6911	1.1700	5.2205	1.2076	7.915	1.9260	16.1292	1.92599
10400	-0.6657	1.2007	5.2241	1.2097	7.970	1.9309	16.1095	1.93088
10500	-0.6410	1.2306	5.2277	1.2112	8.023	1.9356	16.0889	1.93562
10600	-0.6166	1.2601	5.2313	1.2126	8.076	1.9402	16.0680	1.94026
10700	-0.5929	1.2889	5.2348	1.2146	8.130	1.9446	16.0462	1.94477
10800	-0.5697	1.3171	5.2382	1.2160	8.181	1.9489	16.0234	1.94913
10900	-0.5469	1.3449	5.2416	1.2174	8.232	1.9532	16.0005	1.95340

S/R= 49.8

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11000	-0.5245	1.3721	5.2449	1.2189	8.284	1.9573	15.9771	1.95757
11100	-0.5026	1.3989	5.2482	1.2200	8.334	1.9613	15.9534	1.96163
11200	-0.4809	1.4253	5.2514	1.2212	8.384	1.9652	15.9298	1.96564
11300	-0.4598	1.4511	5.2546	1.2224	8.433	1.9690	15.9053	1.96950
11400	-0.4389	1.4767	5.2578	1.2230	8.481	1.9727	15.8811	1.97333
11500	-0.4183	1.5019	5.2609	1.2238	8.529	1.9764	15.8573	1.97711
11600	-0.3981	1.5267	5.2640	1.2250	8.577	1.9800	15.8328	1.98078
11700	-0.3781	1.5511	5.2671	1.2258	8.625	1.9835	15.8088	1.98440
11800	-0.3584	1.5753	5.2701	1.2261	8.670	1.9869	15.7845	1.98796
11900	-0.3389	1.5992	5.2731	1.2268	8.717	1.9904	15.7609	1.99151
12000	-0.3198	1.6227	5.2761	1.2274	8.763	1.9937	15.7371	1.99497
12100	-0.3007	1.6460	5.2791	1.2277	8.808	1.9970	15.7137	1.99841
12200	-0.2820	1.6691	5.2820	1.2281	8.852	2.0002	15.6907	2.00182
12300	-0.2633	1.6919	5.2849	1.2284	8.897	2.0035	15.6681	2.00522
12400	-0.2450	1.7145	5.2878	1.2289	8.942	2.0066	15.6454	2.00856
12500	-0.2268	1.7369	5.2907	1.2290	8.985	2.0098	15.6233	2.01189
12600	-0.2087	1.7591	5.2935	1.2292	9.029	2.0129	15.6017	2.01520
12700	-0.1909	1.7810	5.2964	1.2291	9.072	2.0160	15.5802	2.01849
12800	-0.1732	1.8028	5.2992	1.2292	9.114	2.0190	15.5592	2.02176
12900	-0.1556	1.8244	5.3020	1.2295	9.158	2.0220	15.5387	2.02505
13000	-0.1381	1.8459	5.3048	1.2293	9.199	2.0251	15.5189	2.02832
13100	-0.1208	1.8671	5.3076	1.2291	9.241	2.0280	15.4994	2.03158
13200	-0.1036	1.8883	5.3104	1.2291	9.283	2.0310	15.4802	2.03483
13300	-0.0866	1.9092	5.3131	1.2292	9.325	2.0340	15.4616	2.03808
13400	-0.0696	1.9301	5.3159	1.2292	9.367	2.0369	15.4435	2.04135
13500	-0.0528	1.9507	5.3186	1.2290	9.407	2.0398	15.4256	2.04460
13600	-0.0361	1.9713	5.3213	1.2286	9.447	2.0428	15.4084	2.04786
13700	-0.0195	1.9917	5.3240	1.2286	9.489	2.0457	15.3917	2.05113
13800	-0.0030	2.0119	5.3267	1.2283	9.529	2.0486	15.3754	2.05441
13900	0.0135	2.0321	5.3294	1.2271	9.566	2.0515	15.3598	2.05771
14000	0.0299	2.0523	5.3321	1.2283	9.611	2.0543	15.3450	2.06098
14100	0.0460	2.0721	5.3348	1.2287	9.654	2.0572	15.3297	2.06433
14200	0.0622	2.0919	5.3374	1.2272	9.689	2.0601	15.3155	2.06766
14300	0.0782	2.1117	5.3401	1.2272	9.730	2.0630	15.3015	2.07100
14400	0.0942	2.1313	5.3427	1.2270	9.770	2.0658	15.2882	2.07435
14500	0.1101	2.1508	5.3454	1.2267	9.809	2.0687	15.2751	2.07771
14600	0.1259	2.1701	5.3480	1.2266	9.849	2.0715	15.2625	2.08109
14700	0.1416	2.1894	5.3506	1.2262	9.888	2.0744	15.2505	2.08449
14800	0.1573	2.2086	5.3532	1.2258	9.927	2.0772	15.2388	2.08789
14900	0.1728	2.2277	5.3558	1.2257	9.967	2.0800	15.2275	2.09133
15000	0.1883	2.2467	5.3584	1.2257	10.007	2.0828	15.2167	2.09477

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-6.8335	-5.6652	4.4568	1.0768	3.367	1.1181	7.9522	1.11806
3700	-6.5925	-5.4057	4.4925	1.0773	3.440	1.1352	8.4009	1.13523
3800	-6.3583	-5.1532	4.5261	1.0783	3.514	1.1527	8.8364	1.15267
3900	-6.1319	-4.9089	4.5574	1.0795	3.589	1.1703	9.2546	1.17027
4000	-5.9135	-4.6731	4.5868	1.0809	3.665	1.1880	9.6555	1.18797
4100	-5.7031	-4.4454	4.6145	1.0823	3.741	1.2057	10.0395	1.20573
4200	-5.5007	-4.2263	4.6405	1.0838	3.816	1.2235	10.4058	1.22348
4300	-5.3059	-4.0150	4.6652	1.0854	3.892	1.2412	10.7567	1.24124
4400	-5.1191	-3.8121	4.6884	1.0871	3.968	1.2589	11.0893	1.25890
4500	-4.9394	-3.6166	4.7104	1.0888	4.044	1.2765	11.4077	1.27651

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4600	-4.7671	-3.4288	4.7313	1.0905	4.120	1.2940	11.7090	1.29399
4700	-4.6016	-3.2481	4.7511	1.0923	4.196	1.3114	11.9957	1.31136
4800	-4.4426	-3.0744	4.7700	1.0940	4.271	1.3286	12.2686	1.32859
4900	-4.2898	-2.9071	4.7881	1.0959	4.347	1.3457	12.5283	1.34567
5000	-4.1432	-2.7463	4.8053	1.0979	4.423	1.3626	12.7738	1.36259
5100	-4.0017	-2.5908	4.8219	1.0997	4.498	1.3796	13.0106	1.37959
5200	-3.8665	-2.4420	4.8376	1.1015	4.573	1.3961	13.2316	1.39613
5300	-3.7364	-2.2985	4.8527	1.1034	4.648	1.4125	13.4411	1.41248
5400	-3.6112	-2.1603	4.8672	1.1052	4.722	1.4286	13.6400	1.42863
5500	-3.4907	-2.0270	4.8811	1.1071	4.796	1.4446	13.8287	1.44458
5600	-3.3747	-1.8984	4.8946	1.1090	4.870	1.4603	14.0076	1.46034
5700	-3.2629	-1.7743	4.9075	1.1109	4.943	1.4759	14.1773	1.47589
5800	-3.1551	-1.6546	4.9199	1.1128	5.017	1.4912	14.3379	1.49124
5900	-3.0513	-1.5389	4.9319	1.1147	5.090	1.5064	14.4903	1.50638
6000	-2.9511	-1.4272	4.9435	1.1166	5.163	1.5213	14.6343	1.52130
6100	-2.8548	-1.3195	4.9547	1.1187	5.235	1.5360	14.7701	1.53597
6200	-2.7619	-1.2154	4.9655	1.1207	5.308	1.5504	14.8982	1.55040
6300	-2.6722	-1.1149	4.9760	1.1227	5.379	1.5646	15.0195	1.56461
6400	-2.5857	-1.0177	4.9861	1.1246	5.451	1.5786	15.1334	1.57856
6500	-2.5022	-0.9237	4.9959	1.1266	5.522	1.5923	15.2411	1.59228
6600	-2.4215	-0.8327	5.0054	1.1286	5.593	1.6058	15.3421	1.60575
6700	-2.3437	-0.7447	5.0146	1.1306	5.663	1.6190	15.4372	1.61898
6800	-2.2684	-0.6596	5.0236	1.1326	5.733	1.6320	15.5263	1.63196
6900	-2.1957	-0.5772	5.0322	1.1347	5.803	1.6447	15.6094	1.64467
7000	-2.1255	-0.4974	5.0407	1.1368	5.872	1.6572	15.6875	1.65716
7100	-2.0576	-0.4202	5.0488	1.1389	5.941	1.6694	15.7600	1.66939
7200	-1.9921	-0.3455	5.0567	1.1410	6.010	1.6814	15.8273	1.68135
7300	-1.9287	-0.2731	5.0644	1.1430	6.078	1.6931	15.8898	1.69307
7400	-1.8673	-0.2029	5.0719	1.1453	6.146	1.7046	15.9474	1.70452
7500	-1.8081	-0.1350	5.0792	1.1474	6.214	1.7157	16.0003	1.71571
7600	-1.7508	-0.0691	5.0863	1.1495	6.281	1.7267	16.0488	1.72666
7700	-1.6953	-0.0053	5.0931	1.1517	6.347	1.7374	16.0931	1.73734
7800	-1.6416	0.0565	5.0998	1.1539	6.414	1.7478	16.1332	1.74774
7900	-1.5897	0.1165	5.1063	1.1561	6.480	1.7579	16.1693	1.75790
8000	-1.5394	0.1747	5.1127	1.1582	6.545	1.7678	16.2017	1.76780
8100	-1.4907	0.2311	5.1188	1.1604	6.610	1.7775	16.2305	1.77743
8200	-1.4436	0.2859	5.1248	1.1626	6.674	1.7869	16.2557	1.78681
8300	-1.3980	0.3390	5.1307	1.1648	6.738	1.7960	16.2776	1.79594
8400	-1.3537	0.3906	5.1364	1.1671	6.802	1.8049	16.2963	1.80482
8500	-1.3108	0.4407	5.1419	1.1695	6.866	1.8135	16.3119	1.81346
8600	-1.2693	0.4893	5.1473	1.1716	6.929	1.8219	16.3246	1.82184
8700	-1.2290	0.5366	5.1526	1.1738	6.991	1.8301	16.3344	1.82999
8800	-1.1899	0.5825	5.1578	1.1762	7.053	1.8380	16.3415	1.83791
8900	-1.1520	0.6271	5.1628	1.1785	7.115	1.8457	16.3459	1.84559
9000	-1.1153	0.6705	5.1677	1.1808	7.176	1.8531	16.3478	1.85304
9100	-1.0796	0.7126	5.1725	1.1831	7.237	1.8603	16.3473	1.86026
9200	-1.0450	0.7536	5.1772	1.1853	7.297	1.8673	16.3446	1.86726
9300	-1.0114	0.7935	5.1817	1.1877	7.357	1.8741	16.3398	1.87405
9400	-0.9787	0.8323	5.1862	1.1900	7.417	1.8807	16.3330	1.88063
9500	-0.9470	0.8701	5.1906	1.1922	7.476	1.8871	16.3240	1.88700
9600	-0.9162	0.9069	5.1948	1.1945	7.535	1.8932	16.3133	1.89318
9700	-0.8861	0.9428	5.1990	1.1966	7.593	1.8992	16.3011	1.89917
9800	-0.8569	0.9778	5.2031	1.1988	7.650	1.9050	16.2873	1.90497
9900	-0.8284	1.0120	5.2071	1.2007	7.706	1.9106	16.2721	1.91059
10000	-0.8007	1.0453	5.2110	1.2028	7.763	1.9161	16.2556	1.91605

S/R= 50.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	-0.7737	1.0778	5.2148	1.2028	7.813	1.9213	16.2375	1.92130
10200	-0.7464	1.1106	5.2187	1.2045	7.868	1.9267	16.2235	1.92672
10300	-0.7207	1.1417	5.2224	1.2087	7.930	1.9316	16.2032	1.93168
10400	-0.6956	1.1720	5.2261	1.2108	7.985	1.9364	16.1821	1.93647
10500	-0.6711	1.2017	5.2296	1.2122	8.038	1.9410	16.1599	1.94112
10600	-0.6470	1.2309	5.2331	1.2137	8.090	1.9455	16.1375	1.94566
10700	-0.6235	1.2595	5.2366	1.2154	8.143	1.9499	16.1144	1.95008
10800	-0.6004	1.2876	5.2400	1.2168	8.195	1.9541	16.0905	1.95438
10900	-0.5778	1.3151	5.2433	1.2182	8.246	1.9583	16.0664	1.95857
11000	-0.5556	1.3421	5.2466	1.2197	8.297	1.9623	16.0419	1.96266
11100	-0.5338	1.3687	5.2499	1.2207	8.347	1.9662	16.0170	1.96664
11200	-0.5124	1.3949	5.2531	1.2218	8.396	1.9701	15.9924	1.97057
11300	-0.4913	1.4206	5.2563	1.2229	8.446	1.9738	15.9669	1.97437
11400	-0.4706	1.4460	5.2594	1.2235	8.492	1.9774	15.9419	1.97813
11500	-0.4501	1.4711	5.2626	1.2242	8.540	1.9811	15.9171	1.98185
11600	-0.4299	1.4958	5.2656	1.2251	8.588	1.9846	15.8921	1.98547
11700	-0.4100	1.5202	5.2687	1.2259	8.635	1.9880	15.8672	1.98906
11800	-0.3904	1.5442	5.2717	1.2262	8.680	1.9914	15.8425	1.99258
11900	-0.3710	1.5681	5.2747	1.2268	8.727	1.9948	15.8183	1.99608
12000	-0.3518	1.5915	5.2777	1.2272	8.772	1.9981	15.7940	1.99951
12100	-0.3329	1.6148	5.2806	1.2276	8.817	2.0014	15.7701	2.00292
12200	-0.3141	1.6379	5.2836	1.2280	8.862	2.0046	15.7467	2.00630
12300	-0.2955	1.6607	5.2865	1.2281	8.905	2.0078	15.7239	2.00968
12400	-0.2772	1.6832	5.2893	1.2285	8.950	2.0109	15.7009	2.01300
12500	-0.2589	1.7057	5.2922	1.2286	8.993	2.0140	15.6786	2.01632
12600	-0.2409	1.7278	5.2951	1.2286	9.036	2.0171	15.6568	2.01962
12700	-0.2230	1.7498	5.2979	1.2285	9.079	2.0202	15.6352	2.02291
12800	-0.2052	1.7716	5.3007	1.2286	9.122	2.0232	15.6141	2.02617
12900	-0.1876	1.7933	5.3035	1.2288	9.165	2.0262	15.5936	2.02946
13000	-0.1701	1.8148	5.3063	1.2285	9.206	2.0293	15.5736	2.03274
13100	-0.1528	1.8361	5.3091	1.2283	9.247	2.0322	15.5541	2.03600
13200	-0.1355	1.8572	5.3119	1.2283	9.289	2.0352	15.5351	2.03926
13300	-0.1184	1.8783	5.3146	1.2283	9.331	2.0382	15.5164	2.04253
13400	-0.1014	1.8992	5.3174	1.2282	9.373	2.0411	15.4985	2.04581
13500	-0.0845	1.9199	5.3201	1.2280	9.414	2.0440	15.4807	2.04908
13600	-0.0677	1.9405	5.3229	1.2277	9.454	2.0470	15.4637	2.05237
13700	-0.0510	1.9610	5.3256	1.2275	9.495	2.0499	15.4471	2.05566
13800	-0.0344	1.9814	5.3283	1.2272	9.535	2.0528	15.4310	2.05896
13900	-0.0179	2.0016	5.3310	1.2262	9.572	2.0557	15.4156	2.06229
14000	-0.0014	2.0219	5.3337	1.2273	9.617	2.0586	15.4010	2.06558
14100	0.0148	2.0418	5.3363	1.2277	9.660	2.0615	15.3859	2.06896
14200	0.0310	2.0617	5.3390	1.2262	9.695	2.0644	15.3719	2.07232
14300	0.0472	2.0815	5.3417	1.2261	9.736	2.0673	15.3582	2.07569
14400	0.0633	2.1012	5.3443	1.2259	9.776	2.0702	15.3451	2.07909
14500	0.0792	2.1208	5.3470	1.2256	9.815	2.0731	15.3324	2.08248
14600	0.0951	2.1403	5.3496	1.2254	9.855	2.0759	15.3200	2.08590
14700	0.1110	2.1597	5.3522	1.2251	9.894	2.0788	15.3083	2.08934
14800	0.1267	2.1790	5.3549	1.2247	9.933	2.0817	15.2967	2.09278
14900	0.1424	2.1982	5.3575	1.2245	9.973	2.0845	15.2859	2.09626
15000	0.1580	2.2172	5.3601	1.2245	10.013	2.0874	15.2754	2.09974

S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3600	-6.9786	-5.8026	4.4906	1.0754	3.394	1.1379	8.5955	1.13795

S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-6.7287	-5.5339	4.5255	1.0759	3.469	1.1562	9.0625	1.15624
3800	-6.4871	-5.2737	4.5581	1.0771	3.546	1.1747	9.5134	1.17474
3900	-6.2544	-5.0230	4.5886	1.0785	3.623	1.1933	9.9444	1.19333
4000	-6.0308	-4.7817	4.6172	1.0800	3.700	1.2120	10.3552	1.21195
4100	-5.8159	-4.5494	4.6441	1.0815	3.778	1.2306	10.7480	1.23060
4200	-5.6098	-4.3263	4.6694	1.0831	3.855	1.2492	11.1211	1.24918
4300	-5.4118	-4.1117	4.6933	1.0848	3.932	1.2677	11.4776	1.26774
4400	-5.2223	-3.9060	4.7159	1.0865	4.010	1.2862	11.8145	1.28615
4500	-5.0402	-3.7080	4.7373	1.0883	4.087	1.3045	12.1361	1.30450
4600	-4.8659	-3.5181	4.7576	1.0901	4.165	1.3227	12.4400	1.32267
4700	-4.6988	-3.3358	4.7769	1.0919	4.242	1.3407	12.7284	1.34070
4800	-4.5383	-3.1604	4.7953	1.0937	4.319	1.3586	13.0025	1.35859
4900	-4.3843	-2.9918	4.8128	1.0957	4.396	1.3763	13.2628	1.37629
5000	-4.2367	-2.8300	4.8296	1.0977	4.473	1.3938	13.5083	1.39381
5100	-4.0945	-2.6736	4.8457	1.0995	4.549	1.4114	13.7447	1.41138
5200	-3.9585	-2.5240	4.8610	1.1014	4.625	1.4285	13.9646	1.42847
5300	-3.8279	-2.3800	4.8757	1.1034	4.701	1.4453	14.1729	1.44534
5400	-3.7024	-2.2414	4.8899	1.1052	4.777	1.4620	14.3700	1.46199
5500	-3.5817	-2.1079	4.9034	1.1071	4.852	1.4784	14.5564	1.47842
5600	-3.4655	-1.9792	4.9165	1.1091	4.927	1.4946	14.7328	1.49463
5700	-3.3537	-1.8551	4.9291	1.1111	5.002	1.5106	14.8996	1.51062
5800	-3.2461	-1.7354	4.9412	1.1130	5.076	1.5264	15.0570	1.52637
5900	-3.1425	-1.6200	4.9529	1.1150	5.150	1.5419	15.2058	1.54190
6000	-3.0426	-1.5085	4.9641	1.1171	5.224	1.5572	15.3460	1.55717
6100	-2.9467	-1.4012	4.9750	1.1192	5.298	1.5722	15.4775	1.57218
6200	-2.8542	-1.2977	4.9856	1.1213	5.371	1.5869	15.6012	1.58691
6300	-2.7652	-1.1977	4.9957	1.1233	5.444	1.6014	15.7174	1.60139
6400	-2.6793	-1.1012	5.0056	1.1253	5.516	1.6156	15.8266	1.61560
6500	-2.5965	-1.0079	5.0151	1.1274	5.588	1.6295	15.9282	1.62954
6600	-2.5167	-0.9178	5.0243	1.1295	5.660	1.6432	16.0238	1.64322
6700	-2.4396	-0.8308	5.0332	1.1317	5.731	1.6566	16.1128	1.65660
6800	-2.3654	-0.7466	5.0419	1.1338	5.802	1.6697	16.1955	1.66972
6900	-2.2937	-0.6653	5.0503	1.1360	5.873	1.6826	16.2724	1.68256
7000	-2.2246	-0.5867	5.0584	1.1382	5.943	1.6951	16.3431	1.69510
7100	-2.1579	-0.5107	5.0663	1.1404	6.013	1.7074	16.4084	1.70738
7200	-2.0935	-0.4372	5.0740	1.1427	6.082	1.7194	16.4683	1.71937
7300	-2.0314	-0.3661	5.0814	1.1449	6.151	1.7311	16.5229	1.73105
7400	-1.9714	-0.2974	5.0886	1.1473	6.220	1.7425	16.5723	1.74245
7500	-1.9135	-0.2309	5.0956	1.1496	6.288	1.7536	16.6170	1.75357
7600	-1.8576	-0.1666	5.1024	1.1519	6.356	1.7644	16.6569	1.76439
7700	-1.8037	-0.1044	5.1090	1.1543	6.423	1.7749	16.6923	1.77490
7800	-1.7516	-0.0442	5.1154	1.1566	6.490	1.7852	16.7233	1.78515
7900	-1.7013	0.0141	5.1216	1.1591	6.556	1.7951	16.7500	1.79509
8000	-1.6527	0.0705	5.1277	1.1615	6.622	1.8048	16.7729	1.80474
8100	-1.6057	0.1251	5.1336	1.1639	6.688	1.8141	16.7919	1.81410
8200	-1.5603	0.1780	5.1393	1.1663	6.752	1.8232	16.8072	1.82318
8300	-1.5164	0.2292	5.1449	1.1687	6.817	1.8320	16.8189	1.83198
8400	-1.4739	0.2789	5.1503	1.1713	6.882	1.8405	16.8273	1.84050
8500	-1.4329	0.3270	5.1556	1.1737	6.945	1.8488	16.8325	1.84874
8600	-1.3932	0.3737	5.1607	1.1762	7.008	1.8568	16.8347	1.85672
8700	-1.3547	0.4189	5.1657	1.1787	7.071	1.8645	16.8338	1.86444
8800	-1.3175	0.4628	5.1706	1.1813	7.133	1.8719	16.8302	1.87189
8900	-1.2815	0.5054	5.1753	1.1837	7.195	1.8791	16.8240	1.87909
9000	-1.2466	0.5468	5.1799	1.1862	7.256	1.8861	16.8152	1.88604
9100	-1.2128	0.5870	5.1845	1.1887	7.317	1.8928	16.8044	1.89276

S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	-1.1800	0.6260	5.1889	1.1912	7.378	1.8992	16.7911	1.89923
9300	-1.1482	0.6639	5.1932	1.1936	7.437	1.9055	16.7757	1.90548
9400	-1.1174	0.7007	5.1974	1.1960	7.496	1.9115	16.7582	1.91151
9500	-1.0874	0.7366	5.2015	1.1982	7.555	1.9173	16.7394	1.91733
9600	-1.0582	0.7717	5.2055	1.2004	7.612	1.9229	16.7190	1.92296
9700	-1.0298	0.8058	5.2094	1.2027	7.670	1.9284	16.6971	1.92841
9800	-1.0021	0.8391	5.2133	1.2047	7.726	1.9336	16.6741	1.93368
9900	-0.9752	0.8715	5.2170	1.2068	7.783	1.9386	16.6495	1.93874
10000	-0.9490	0.9032	5.2207	1.2089	7.838	1.9435	16.6239	1.94363
10100	-0.9234	0.9342	5.2244	1.2087	7.886	1.9482	16.5974	1.94837
10200	-0.8976	0.9653	5.2280	1.2101	7.940	1.9530	16.5744	1.95324
10300	-0.8731	0.9950	5.2315	1.2139	8.000	1.9574	16.5465	1.95771
10400	-0.8492	1.0241	5.2350	1.2157	8.054	1.9617	16.5181	1.96203
10500	-0.8257	1.0526	5.2384	1.2169	8.105	1.9659	16.4890	1.96623
10600	-0.8027	1.0807	5.2417	1.2181	8.156	1.9699	16.4601	1.97034
10700	-0.7801	1.1082	5.2450	1.2195	8.207	1.9739	16.4306	1.97433
10800	-0.7579	1.1353	5.2483	1.2203	8.256	1.9777	16.4010	1.97822
10900	-0.7361	1.1619	5.2515	1.2211	8.304	1.9814	16.3716	1.98205
11000	-0.7145	1.1882	5.2547	1.2222	8.354	1.9851	16.3422	1.98579
11100	-0.6934	1.2141	5.2579	1.2229	8.402	1.9887	16.3130	1.98947
11200	-0.6724	1.2397	5.2610	1.2233	8.449	1.9922	16.2841	1.99311
11300	-0.6519	1.2649	5.2641	1.2241	8.496	1.9956	16.2551	1.99665
11400	-0.6315	1.2898	5.2671	1.2242	8.541	1.9990	16.2268	2.00017
11500	-0.6113	1.3146	5.2702	1.2245	8.587	2.0024	16.1988	2.00367
11600	-0.5914	1.3389	5.2732	1.2250	8.633	2.0057	16.1709	2.00708
11700	-0.5717	1.3631	5.2762	1.2252	8.678	2.0090	16.1440	2.01050
11800	-0.5522	1.3869	5.2792	1.2254	8.723	2.0122	16.1174	2.01389
11900	-0.5328	1.4107	5.2821	1.2253	8.766	2.0154	16.0917	2.01727
12000	-0.5137	1.4341	5.2851	1.2251	8.809	2.0186	16.0660	2.02060
12100	-0.4947	1.4574	5.2880	1.2254	8.854	2.0217	16.0410	2.02394
12200	-0.4759	1.4805	5.2909	1.2254	8.897	2.0249	16.0167	2.02727
12300	-0.4571	1.5035	5.2938	1.2250	8.939	2.0280	15.9930	2.03061
12400	-0.4386	1.5262	5.2967	1.2251	8.982	2.0311	15.9698	2.03392
12500	-0.4201	1.5488	5.2996	1.2250	9.025	2.0342	15.9473	2.03724
12600	-0.4018	1.5712	5.3025	1.2246	9.066	2.0372	15.9253	2.04057
12700	-0.3836	1.5935	5.3053	1.2245	9.109	2.0403	15.9041	2.04389
12800	-0.3656	1.6156	5.3082	1.2244	9.151	2.0434	15.8835	2.04722
12900	-0.3476	1.6376	5.3110	1.2242	9.193	2.0464	15.8636	2.05058
13000	-0.3297	1.6595	5.3138	1.2241	9.235	2.0495	15.8445	2.05394
13100	-0.3120	1.6812	5.3166	1.2234	9.275	2.0525	15.8258	2.05731
13200	-0.2943	1.7028	5.3194	1.2233	9.317	2.0556	15.8076	2.06069
13300	-0.2768	1.7243	5.3222	1.2232	9.358	2.0586	15.7900	2.06408
13400	-0.2593	1.7456	5.3250	1.2229	9.399	2.0617	15.7732	2.06750
13500	-0.2419	1.7668	5.3278	1.2227	9.440	2.0647	15.7568	2.07092
13600	-0.2246	1.7880	5.3306	1.2226	9.482	2.0678	15.7411	2.07436
13700	-0.2075	1.8090	5.3333	1.2221	9.522	2.0708	15.7259	2.07782
13800	-0.1904	1.8299	5.3361	1.2216	9.561	2.0738	15.7113	2.08130
13900	-0.1733	1.8507	5.3388	1.2202	9.598	2.0769	15.6973	2.08482
14000	-0.1562	1.8715	5.3416	1.2213	9.643	2.0799	15.6846	2.08831
14100	-0.1395	1.8920	5.3443	1.2223	9.689	2.0830	15.6710	2.09189
14200	-0.1228	1.9125	5.3470	1.2207	9.724	2.0860	15.6586	2.09546
14300	-0.1061	1.9328	5.3498	1.2203	9.764	2.0891	15.6466	2.09904
14400	-0.0894	1.9531	5.3525	1.2202	9.805	2.0921	15.6354	2.10265
14500	-0.0729	1.9733	5.3552	1.2202	9.846	2.0952	15.6242	2.10627
14600	-0.0565	1.9933	5.3579	1.2199	9.885	2.0982	15.6137	2.10991

S/R= 51.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14700	-0.0401	2.0133	5.3605	1.2195	9.925	2.1013	15.6037	2.11358
14800	-0.0239	2.0331	5.3632	1.2195	9.966	2.1043	15.5941	2.11727
14900	-0.0077	2.0529	5.3659	1.2189	10.004	2.1074	15.5849	2.12097
15000	0.0085	2.0725	5.3685	1.2182	10.042	2.1104	15.5760	2.12470

S/R= 52.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-6.8535	-5.6505	4.5572	1.0755	3.501	1.1780	9.7495	1.17804
3800	-6.6056	-5.3840	4.5889	1.0762	3.579	1.1975	10.2126	1.19752
3900	-6.3678	-5.1279	4.6186	1.0777	3.657	1.2170	10.6535	1.21704
4000	-6.1399	-4.8820	4.6463	1.0793	3.736	1.2365	11.0723	1.23653
4100	-5.9213	-4.6460	4.6724	1.0809	3.815	1.2560	11.4716	1.25600
4200	-5.7121	-4.4196	4.6970	1.0826	3.894	1.2754	11.8500	1.27538
4300	-5.5115	-4.2022	4.7202	1.0843	3.973	1.2947	12.2106	1.29469
4400	-5.3197	-3.9941	4.7421	1.0862	4.052	1.3138	12.5507	1.31383
4500	-5.1357	-3.7941	4.7629	1.0879	4.131	1.3329	12.8747	1.33288
4600	-4.9598	-3.6026	4.7827	1.0898	4.209	1.3517	13.1800	1.35171
4700	-4.7913	-3.4187	4.8014	1.0917	4.288	1.3704	13.4694	1.37039
4800	-4.6297	-3.2422	4.8193	1.0936	4.366	1.3889	13.7436	1.38888
4900	-4.4749	-3.0727	4.8364	1.0955	4.444	1.4072	14.0035	1.40717
5000	-4.3266	-2.9101	4.8527	1.0976	4.523	1.4253	14.2482	1.42526
5100	-4.1837	-2.7531	4.8684	1.0995	4.600	1.4434	14.4833	1.44337
5200	-4.0474	-2.6031	4.8834	1.1014	4.678	1.4610	14.7014	1.46097
5300	-3.9166	-2.4589	4.8977	1.1034	4.755	1.4783	14.9075	1.47833
5400	-3.7909	-2.3201	4.9114	1.1054	4.831	1.4954	15.1019	1.49544
5500	-3.6702	-2.1866	4.9246	1.1074	4.908	1.5123	15.2855	1.51232
5600	-3.5542	-2.0580	4.9374	1.1094	4.984	1.5289	15.4583	1.52894
5700	-3.4427	-1.9342	4.9496	1.1114	5.060	1.5453	15.6213	1.54532
5800	-3.3354	-1.8148	4.9614	1.1134	5.135	1.5614	15.7747	1.56143
5900	-3.2322	-1.6998	4.9728	1.1155	5.210	1.5773	15.9189	1.57729
6000	-3.1329	-1.5890	4.9837	1.1177	5.285	1.5929	16.0543	1.59287
6100	-3.0376	-1.4823	4.9943	1.1198	5.360	1.6082	16.1806	1.60815
6200	-2.9459	-1.3795	5.0045	1.1220	5.434	1.6231	16.2986	1.62313
6300	-2.8576	-1.2804	5.0144	1.1241	5.507	1.6378	16.4091	1.63783
6400	-2.7727	-1.1848	5.0240	1.1263	5.581	1.6522	16.5116	1.65222
6500	-2.6909	-1.0926	5.0332	1.1285	5.654	1.6663	16.6073	1.66633
6600	-2.6121	-1.0036	5.0421	1.1307	5.726	1.6801	16.6954	1.68011
6700	-2.5362	-0.9177	5.0508	1.1330	5.798	1.6936	16.7772	1.69359
6800	-2.4632	-0.8349	5.0592	1.1353	5.870	1.7068	16.8522	1.70676
6900	-2.3928	-0.7550	5.0673	1.1376	5.941	1.7196	16.9209	1.71961
7000	-2.3251	-0.6778	5.0751	1.1400	6.012	1.7322	16.9835	1.73215
7100	-2.2598	-0.6033	5.0827	1.1424	6.083	1.7444	17.0401	1.74437
7200	-2.1970	-0.5315	5.0901	1.1448	6.153	1.7563	17.0908	1.75625
7300	-2.1365	-0.4621	5.0972	1.1472	6.222	1.7678	17.1362	1.76782
7400	-2.0782	-0.3951	5.1042	1.1499	6.292	1.7791	17.1759	1.77906
7500	-2.0220	-0.3305	5.1109	1.1524	6.360	1.7900	17.2106	1.78996
7600	-1.9680	-0.2681	5.1174	1.1549	6.429	1.8006	17.2403	1.80054
7700	-1.9159	-0.2079	5.1237	1.1576	6.497	1.8108	17.2651	1.81080
7800	-1.8657	-0.1497	5.1298	1.1602	6.564	1.8207	17.2852	1.82072
7900	-1.8173	-0.0936	5.1357	1.1628	6.631	1.8303	17.3009	1.83030
8000	-1.7707	-0.0393	5.1414	1.1656	6.697	1.8396	17.3124	1.83957
8100	-1.7257	0.0132	5.1470	1.1683	6.764	1.8485	17.3199	1.84852
8200	-1.6824	0.0639	5.1525	1.1709	6.829	1.8572	17.3235	1.85715
8300	-1.6406	0.1129	5.1577	1.1736	6.893	1.8655	17.3234	1.86547

S/R= 52.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-1.6002	0.1603	5.1628	1.1764	6.958	1.8735	17.3201	1.87349
8500	-1.5613	0.2061	5.1678	1.1792	7.022	1.8812	17.3132	1.88121
8600	-1.5237	0.2505	5.1726	1.1820	7.085	1.8886	17.3034	1.88863
8700	-1.4874	0.2935	5.1773	1.1847	7.148	1.8958	17.2905	1.89577
8800	-1.4523	0.3351	5.1819	1.1873	7.210	1.9026	17.2751	1.90264
8900	-1.4183	0.3755	5.1864	1.1900	7.272	1.9092	17.2573	1.90925
9000	-1.3855	0.4147	5.1907	1.1929	7.333	1.9156	17.2369	1.91560
9100	-1.3537	0.4526	5.1949	1.1954	7.393	1.9216	17.2142	1.92168
9200	-1.3229	0.4895	5.1991	1.1979	7.453	1.9275	17.1897	1.92753
9300	-1.2929	0.5254	5.2031	1.2003	7.512	1.9331	17.1635	1.93316
9400	-1.2639	0.5603	5.2070	1.2027	7.570	1.9385	17.1357	1.93858
9500	-1.2356	0.5944	5.2109	1.2048	7.627	1.9437	17.1068	1.94381
9600	-1.2081	0.6276	5.2147	1.2069	7.684	1.9487	17.0765	1.94884
9700	-1.1813	0.6599	5.2184	1.2090	7.740	1.9535	17.0450	1.95369
9800	-1.1552	0.6915	5.2220	1.2108	7.795	1.9582	17.0128	1.95837
9900	-1.1296	0.7224	5.2256	1.2126	7.849	1.9627	16.9798	1.96289
10000	-1.1047	0.7527	5.2291	1.2141	7.902	1.9670	16.9464	1.96727
10100	-1.0802	0.7824	5.2325	1.2137	7.949	1.9712	16.9125	1.97152
10200	-1.0557	0.8122	5.2360	1.2151	8.002	1.9755	16.8817	1.97587
10300	-1.0322	0.8408	5.2394	1.2181	8.059	1.9795	16.8473	1.97989
10400	-1.0091	0.8689	5.2427	1.2192	8.109	1.9833	16.8128	1.98381
10500	-0.9865	0.8965	5.2459	1.2200	8.159	1.9871	16.7783	1.98761
10600	-0.9642	0.9237	5.2492	1.2206	8.207	1.9907	16.7443	1.99136
10700	-0.9422	0.9506	5.2524	1.2211	8.255	1.9943	16.7105	1.99503
10800	-0.9205	0.9771	5.2555	1.2216	8.302	1.9978	16.6770	1.99864
10900	-0.8990	1.0033	5.2587	1.2218	8.348	2.0013	16.6441	2.00221
11000	-0.8778	1.0292	5.2618	1.2222	8.395	2.0047	16.6118	2.00573
11100	-0.8569	1.0549	5.2649	1.2225	8.441	2.0081	16.5799	2.00921
11200	-0.8361	1.0802	5.2680	1.2225	8.486	2.0114	16.5489	2.01267
11300	-0.8156	1.1053	5.2710	1.2224	8.531	2.0147	16.5183	2.01607
11400	-0.7952	1.1302	5.2741	1.2224	8.575	2.0180	16.4882	2.01948
11500	-0.7750	1.1549	5.2771	1.2225	8.620	2.0212	16.4595	2.02288
11600	-0.7550	1.1794	5.2801	1.2222	8.663	2.0245	16.4309	2.02625
11700	-0.7351	1.2037	5.2831	1.2219	8.706	2.0277	16.4035	2.02964
11800	-0.7153	1.2278	5.2861	1.2217	8.750	2.0309	16.3768	2.03301
11900	-0.6957	1.2518	5.2891	1.2214	8.793	2.0341	16.3509	2.03640
12000	-0.6762	1.2756	5.2921	1.2210	8.835	2.0372	16.3257	2.03977
12100	-0.6568	1.2993	5.2950	1.2209	8.878	2.0404	16.3012	2.04317
12200	-0.6376	1.3228	5.2980	1.2207	8.921	2.0436	16.2778	2.04657
12300	-0.6184	1.3462	5.3009	1.2201	8.962	2.0468	16.2551	2.04999
12400	-0.5994	1.3694	5.3038	1.2198	9.005	2.0500	16.2328	2.05341
12500	-0.5805	1.3925	5.3067	1.2196	9.047	2.0531	16.2119	2.05686
12600	-0.5616	1.4155	5.3097	1.2193	9.089	2.0563	16.1916	2.06033
12700	-0.5428	1.4383	5.3126	1.2189	9.131	2.0595	16.1720	2.06381
12800	-0.5242	1.4610	5.3155	1.2184	9.172	2.0627	16.1532	2.06731
12900	-0.5056	1.4837	5.3184	1.2182	9.214	2.0659	16.1350	2.07084
13000	-0.4871	1.5062	5.3212	1.2181	9.256	2.0691	16.1176	2.07439
13100	-0.4688	1.5286	5.3241	1.2175	9.297	2.0723	16.1008	2.07796
13200	-0.4505	1.5508	5.3270	1.2172	9.338	2.0756	16.0847	2.08155
13300	-0.4323	1.5730	5.3299	1.2170	9.380	2.0788	16.0694	2.08516
13400	-0.4142	1.5950	5.3327	1.2168	9.422	2.0820	16.0547	2.08880
13500	-0.3962	1.6169	5.3356	1.2166	9.463	2.0853	16.0405	2.09247
13600	-0.3782	1.6388	5.3384	1.2161	9.504	2.0885	16.0269	2.09616
13700	-0.3604	1.6605	5.3412	1.2160	9.546	2.0918	16.0142	2.09988
13800	-0.3426	1.6821	5.3441	1.2158	9.587	2.0950	16.0021	2.10361

S/R= 52.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-0.3249	1.7036	5.3469	1.2141	9.623	2.0983	15.9903	2.10738
14000	-0.3071	1.7251	5.3497	1.2151	9.669	2.1016	15.9800	2.11114
14100	-0.2898	1.7463	5.3525	1.2164	9.716	2.1049	15.9685	2.11498
14200	-0.2723	1.7674	5.3553	1.2149	9.752	2.1081	15.9584	2.11882
14300	-0.2550	1.7885	5.3581	1.2145	9.792	2.1114	15.9487	2.12268
14400	-0.2378	1.8094	5.3608	1.2143	9.833	2.1147	15.9396	2.12656
14500	-0.2206	1.8303	5.3636	1.2145	9.876	2.1180	15.9308	2.13046
14600	-0.2035	1.8510	5.3664	1.2140	9.916	2.1213	15.9225	2.13438
14700	-0.1865	1.8717	5.3691	1.2137	9.956	2.1246	15.9147	2.13835
14800	-0.1696	1.8922	5.3719	1.2140	9.999	2.1278	15.9074	2.14233
14900	-0.1528	1.9126	5.3746	1.2137	10.039	2.1311	15.9006	2.14633
15000	-0.1360	1.9329	5.3773	1.2132	10.078	2.1344	15.8939	2.15035

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3700	-6.9686	-5.7575	4.5876	1.0747	3.533	1.2005	10.4566	1.20049
3800	-6.7157	-5.4856	4.6184	1.0755	3.612	1.2209	10.9295	1.22090
3900	-6.4735	-5.2250	4.6472	1.0771	3.693	1.2413	11.3787	1.24129
4000	-6.2419	-4.9753	4.6741	1.0787	3.773	1.2616	11.8042	1.26160
4100	-6.0202	-4.7360	4.6994	1.0805	3.853	1.2819	12.2085	1.28186
4200	-5.8085	-4.5070	4.7233	1.0822	3.934	1.3020	12.5909	1.30200
4300	-5.6056	-4.2873	4.7459	1.0840	4.014	1.3220	12.9542	1.32203
4400	-5.4121	-4.0773	4.7672	1.0859	4.095	1.3419	13.2962	1.34186
4500	-5.2266	-3.8757	4.7874	1.0877	4.175	1.3616	13.6214	1.36157
4600	-5.0495	-3.6829	4.8066	1.0896	4.255	1.3810	13.9274	1.38104
4700	-4.8800	-3.4980	4.8249	1.0915	4.334	1.4003	14.2166	1.40032
4800	-4.7176	-3.3207	4.8423	1.0935	4.414	1.4194	14.4901	1.41940
4900	-4.5621	-3.1505	4.8590	1.0955	4.493	1.4382	14.7487	1.43825
5000	-4.4134	-2.9874	4.8748	1.0975	4.572	1.4569	14.9918	1.45686
5100	-4.2702	-2.8301	4.8901	1.0995	4.651	1.4755	15.2249	1.47548
5200	-4.1338	-2.6799	4.9047	1.1016	4.730	1.4936	15.4403	1.49355
5300	-4.0029	-2.5357	4.9186	1.1036	4.808	1.5114	15.6431	1.51137
5400	-3.8774	-2.3971	4.9320	1.1056	4.886	1.5289	15.8343	1.52891
5500	-3.7570	-2.2638	4.9449	1.1077	4.963	1.5462	16.0137	1.54618
5600	-3.6414	-2.1356	4.9572	1.1098	5.040	1.5632	16.1824	1.56318
5700	-3.5303	-2.0122	4.9691	1.1118	5.117	1.5799	16.3406	1.57989
5800	-3.4236	-1.8935	4.9806	1.1139	5.193	1.5963	16.4889	1.59632
5900	-3.3211	-1.7792	4.9917	1.1161	5.269	1.6125	16.6276	1.61246
6000	-3.2226	-1.6691	5.0023	1.1184	5.345	1.6283	16.7568	1.62829
6100	-3.1282	-1.5634	5.0126	1.1207	5.421	1.6438	16.8770	1.64379
6200	-3.0375	-1.4617	5.0225	1.1230	5.496	1.6589	16.9883	1.65894
6300	-2.9503	-1.3637	5.0321	1.1252	5.570	1.6738	17.0913	1.67378
6400	-2.8665	-1.2693	5.0414	1.1275	5.644	1.6883	17.1868	1.68829
6500	-2.7861	-1.1785	5.0503	1.1299	5.718	1.7025	17.2740	1.70245
6600	-2.7086	-1.0909	5.0589	1.1322	5.791	1.7163	17.3542	1.71628
6700	-2.6343	-1.0066	5.0673	1.1347	5.864	1.7298	17.4269	1.72975
6800	-2.5628	-0.9254	5.0754	1.1371	5.936	1.7429	17.4927	1.74287
6900	-2.4940	-0.8472	5.0832	1.1397	6.008	1.7556	17.5520	1.75564
7000	-2.4280	-0.7718	5.0907	1.1423	6.080	1.7680	17.6045	1.76804
7100	-2.3646	-0.6993	5.0980	1.1449	6.151	1.7801	17.6506	1.78008
7200	-2.3037	-0.6294	5.1051	1.1475	6.222	1.7918	17.6906	1.79177
7300	-2.2451	-0.5622	5.1119	1.1504	6.292	1.8031	17.7246	1.80307
7400	-2.1889	-0.4974	5.1185	1.1532	6.362	1.8140	17.7529	1.81400
7500	-2.1348	-0.4350	5.1249	1.1560	6.432	1.8246	17.7757	1.82457

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-2.0829	-0.3749	5.1311	1.1588	6.500	1.8348	17.7931	1.83476
7700	-2.0331	-0.3171	5.1370	1.1617	6.569	1.8446	17.8055	1.84459
7800	-1.9852	-0.2614	5.1428	1.1648	6.637	1.8540	17.8129	1.85404
7900	-1.9391	-0.2076	5.1484	1.1678	6.704	1.8631	17.8157	1.86313
8000	-1.8949	-0.1559	5.1539	1.1708	6.771	1.8719	17.8139	1.87186
8100	-1.8523	-0.1060	5.1591	1.1738	6.837	1.8802	17.8083	1.88025
8200	-1.8113	-0.0578	5.1642	1.1768	6.903	1.8883	17.7987	1.88828
8300	-1.7719	-0.0114	5.1691	1.1799	6.968	1.8960	17.7852	1.89598
8400	-1.7340	0.0334	5.1739	1.1829	7.033	1.9033	17.7682	1.90335
8500	-1.6974	0.0767	5.1786	1.1859	7.096	1.9104	17.7480	1.91040
8600	-1.6622	0.1186	5.1831	1.1888	7.159	1.9171	17.7252	1.91715
8700	-1.6281	0.1591	5.1875	1.1918	7.222	1.9236	17.6996	1.92361
8800	-1.5952	0.1984	5.1918	1.1946	7.284	1.9297	17.6715	1.92980
8900	-1.5635	0.2363	5.1959	1.1975	7.345	1.9356	17.6411	1.93570
9000	-1.5327	0.2732	5.2000	1.2002	7.405	1.9413	17.6087	1.94135
9100	-1.5029	0.3090	5.2039	1.2025	7.464	1.9467	17.5745	1.94676
9200	-1.4740	0.3439	5.2078	1.2048	7.522	1.9518	17.5391	1.95196
9300	-1.4458	0.3778	5.2116	1.2071	7.579	1.9568	17.5023	1.95695
9400	-1.4184	0.4109	5.2153	1.2093	7.636	1.9616	17.4646	1.96174
9500	-1.3917	0.4432	5.2189	1.2113	7.692	1.9662	17.4261	1.96636
9600	-1.3657	0.4748	5.2225	1.2128	7.746	1.9706	17.3868	1.97081
9700	-1.3402	0.5057	5.2260	1.2143	7.799	1.9749	17.3474	1.97512
9800	-1.3153	0.5360	5.2295	1.2155	7.852	1.9790	17.3074	1.97929
9900	-1.2908	0.5657	5.2329	1.2166	7.903	1.9830	17.2676	1.98334
10000	-1.2668	0.5949	5.2362	1.2175	7.953	1.9869	17.2280	1.98729
10100	-1.2432	0.6237	5.2396	1.2170	7.999	1.9907	17.1885	1.99113
10200	-1.2195	0.6525	5.2429	1.2179	8.050	1.9945	17.1517	1.99506
10300	-1.1966	0.6805	5.2462	1.2197	8.102	1.9982	17.1128	1.99875
10400	-1.1740	0.7080	5.2494	1.2199	8.149	2.0017	17.0747	2.00237
10500	-1.1517	0.7352	5.2526	1.2202	8.196	2.0052	17.0371	2.00592
10600	-1.1296	0.7622	5.2558	1.2202	8.243	2.0086	17.0004	2.00947
10700	-1.1078	0.7888	5.2589	1.2200	8.287	2.0120	16.9644	2.01296
10800	-1.0861	0.8153	5.2621	1.2200	8.333	2.0154	16.9292	2.01642
10900	-1.0646	0.8415	5.2652	1.2197	8.377	2.0188	16.8952	2.01988
11000	-1.0433	0.8675	5.2683	1.2194	8.422	2.0221	16.8618	2.02332
11100	-1.0222	0.8933	5.2714	1.2193	8.466	2.0254	16.8294	2.02675
11200	-1.0011	0.9189	5.2745	1.2190	8.510	2.0287	16.7983	2.03018
11300	-0.9803	0.9443	5.2776	1.2183	8.553	2.0320	16.7679	2.03360
11400	-0.9595	0.9696	5.2806	1.2177	8.595	2.0352	16.7387	2.03704
11500	-0.9389	0.9948	5.2837	1.2176	8.640	2.0385	16.7106	2.04051
11600	-0.9184	1.0197	5.2867	1.2171	8.682	2.0418	16.6835	2.04396
11700	-0.8979	1.0446	5.2898	1.2165	8.724	2.0451	16.6573	2.04744
11800	-0.8776	1.0693	5.2928	1.2160	8.767	2.0484	16.6322	2.05094
11900	-0.8574	1.0939	5.2959	1.2155	8.810	2.0517	16.6081	2.05447
12000	-0.8372	1.1184	5.2989	1.2152	8.852	2.0550	16.5848	2.05800
12100	-0.8172	1.1427	5.3019	1.2147	8.894	2.0584	16.5626	2.06157
12200	-0.7973	1.1669	5.3049	1.2143	8.937	2.0617	16.5412	2.06517
12300	-0.7774	1.1911	5.3079	1.2140	8.980	2.0651	16.5210	2.06879
12400	-0.7576	1.2151	5.3109	1.2133	9.021	2.0684	16.5014	2.07243
12500	-0.7379	1.2390	5.3139	1.2130	9.064	2.0718	16.4828	2.07612
12600	-0.7183	1.2628	5.3169	1.2128	9.107	2.0752	16.4652	2.07983
12700	-0.6988	1.2864	5.3199	1.2123	9.148	2.0787	16.4484	2.08357
12800	-0.6793	1.3100	5.3229	1.2119	9.190	2.0821	16.4320	2.08732
12900	-0.6600	1.3334	5.3259	1.2117	9.233	2.0855	16.4168	2.09112
13000	-0.6407	1.3567	5.3288	1.2115	9.275	2.0890	16.4022	2.09494

S/R= 53.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13100	-0.6216	1.3799	5.3318	1.2112	9.318	2.0924	16.3882	2.09879
13200	-0.6025	1.4030	5.3348	1.2106	9.359	2.0959	16.3750	2.10267
13300	-0.5835	1.4260	5.3377	1.2104	9.401	2.0994	16.3626	2.10658
13400	-0.5646	1.4489	5.3406	1.2104	9.444	2.1029	16.3508	2.11053
13500	-0.5458	1.4717	5.3436	1.2100	9.486	2.1064	16.3396	2.11450
13600	-0.5271	1.4944	5.3465	1.2098	9.528	2.1100	16.3290	2.11850
13700	-0.5084	1.5169	5.3494	1.2098	9.571	2.1135	16.3190	2.12253
13800	-0.4899	1.5393	5.3523	1.2096	9.613	2.1170	16.3095	2.12657
13900	-0.4715	1.5616	5.3552	1.2080	9.650	2.1206	16.3007	2.13066
14000	-0.4529	1.5840	5.3581	1.2092	9.697	2.1241	16.2932	2.13472
14100	-0.4349	1.6058	5.3610	1.2106	9.745	2.1277	16.2843	2.13889
14200	-0.4167	1.6278	5.3639	1.2091	9.782	2.1312	16.2768	2.14304
14300	-0.3987	1.6496	5.3667	1.2087	9.823	2.1348	16.2699	2.14722
14400	-0.3807	1.6714	5.3696	1.2086	9.865	2.1384	16.2634	2.15143
14500	-0.3628	1.6930	5.3724	1.2089	9.909	2.1420	16.2574	2.15566
14600	-0.3450	1.7144	5.3753	1.2086	9.950	2.1455	16.2518	2.15991
14700	-0.3274	1.7358	5.3781	1.2083	9.991	2.1491	16.2464	2.16420
14800	-0.3098	1.7571	5.3809	1.2087	10.035	2.1527	16.2415	2.16850
14900	-0.2923	1.7782	5.3837	1.2087	10.077	2.1563	16.2369	2.17282
15000	-0.2749	1.7992	5.3865	1.2086	10.119	2.1598	16.2327	2.17716

S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-6.8183	-5.5798	4.6466	1.0758	3.648	1.2448	11.6623	1.24478
3900	-6.5725	-5.3154	4.6745	1.0766	3.728	1.2660	12.1177	1.26599
4000	-6.3379	-5.0627	4.7006	1.0783	3.810	1.2871	12.5480	1.28710
4100	-6.1138	-4.8207	4.7253	1.0801	3.892	1.3081	12.9560	1.30810
4200	-5.8999	-4.5895	4.7484	1.0819	3.974	1.3290	13.3410	1.32895
4300	-5.6953	-4.3680	4.7704	1.0837	4.056	1.3497	13.7063	1.34968
4400	-5.5003	-4.1565	4.7911	1.0856	4.137	1.3702	14.0492	1.37016
4500	-5.3136	-3.9536	4.8108	1.0876	4.218	1.3905	14.3747	1.39051
4600	-5.1356	-3.7598	4.8295	1.0895	4.300	1.4106	14.6804	1.41059
4700	-4.9653	-3.5742	4.8473	1.0915	4.381	1.4304	14.9685	1.43044
4800	-4.8024	-3.3962	4.8642	1.0934	4.461	1.4501	15.2404	1.45007
4900	-4.6466	-3.2257	4.8804	1.0955	4.542	1.4694	15.4971	1.46945
5000	-4.4977	-3.0624	4.8959	1.0976	4.622	1.4886	15.7375	1.48856
5100	-4.3545	-2.9050	4.9108	1.0997	4.702	1.5076	15.9675	1.50764
5200	-4.2181	-2.7549	4.9250	1.1018	4.782	1.5262	16.1795	1.52616
5300	-4.0876	-2.6110	4.9386	1.1039	4.861	1.5444	16.3785	1.54438
5400	-3.9625	-2.4727	4.9516	1.1059	4.939	1.5623	16.5648	1.56230
5500	-3.8425	-2.3399	4.9641	1.1081	5.018	1.5799	16.7395	1.57993
5600	-3.7275	-2.2124	4.9762	1.1103	5.096	1.5972	16.9029	1.59724
5700	-3.6172	-2.0898	4.9877	1.1125	5.174	1.6142	17.0553	1.61425
5800	-3.5114	-1.9719	4.9989	1.1147	5.251	1.6309	17.1975	1.63093
5900	-3.4099	-1.8586	5.0096	1.1169	5.328	1.6473	17.3291	1.64728
6000	-3.3124	-1.7497	5.0200	1.1193	5.405	1.6633	17.4515	1.66330
6100	-3.2192	-1.6453	5.0300	1.1217	5.481	1.6789	17.5639	1.67893
6200	-3.1298	-1.5448	5.0396	1.1242	5.557	1.6942	17.6674	1.69419
6300	-3.0440	-1.4483	5.0488	1.1266	5.632	1.7091	17.7618	1.70909
6400	-2.9618	-1.3556	5.0578	1.1290	5.707	1.7236	17.8479	1.72361
6500	-2.8829	-1.2664	5.0664	1.1316	5.781	1.7378	17.9258	1.73776
6600	-2.8072	-1.1807	5.0747	1.1341	5.855	1.7515	17.9957	1.75150
6700	-2.7346	-1.0983	5.0827	1.1368	5.929	1.7649	18.0581	1.76487
6800	-2.6651	-1.0191	5.0905	1.1395	6.002	1.7778	18.1130	1.77781

S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-2.5984	-0.9430	5.0980	1.1423	6.075	1.7904	18.1605	1.79036
7000	-2.5345	-0.8699	5.1052	1.1452	6.147	1.8025	18.2010	1.80251
7100	-2.4733	-0.7997	5.1122	1.1482	6.219	1.8142	18.2348	1.81424
7200	-2.4147	-0.7324	5.1189	1.1512	6.290	1.8255	18.2618	1.82555
7300	-2.3585	-0.6676	5.1254	1.1542	6.361	1.8365	18.2828	1.83646
7400	-2.3047	-0.6055	5.1316	1.1574	6.432	1.8469	18.2974	1.84693
7500	-2.2533	-0.5458	5.1377	1.1606	6.502	1.8570	18.3061	1.85699
7600	-2.2039	-0.4885	5.1435	1.1639	6.571	1.8666	18.3093	1.86664
7700	-2.1567	-0.4334	5.1491	1.1672	6.640	1.8759	18.3070	1.87587
7800	-2.1115	-0.3805	5.1545	1.1706	6.708	1.8847	18.2996	1.88470
7900	-2.0681	-0.3297	5.1598	1.1740	6.776	1.8931	18.2876	1.89313
8000	-2.0265	-0.2808	5.1649	1.1773	6.843	1.9012	18.2711	1.90117
8100	-1.9866	-0.2338	5.1698	1.1807	6.909	1.9088	18.2506	1.90884
8200	-1.9484	-0.1885	5.1745	1.1841	6.975	1.9161	18.2260	1.91614
8300	-1.9116	-0.1449	5.1791	1.1875	7.040	1.9230	18.1978	1.92307
8400	-1.8762	-0.1029	5.1836	1.1907	7.104	1.9297	18.1667	1.92969
8500	-1.8421	-0.0622	5.1879	1.1937	7.167	1.9359	18.1326	1.93598
8600	-1.8093	-0.0229	5.1921	1.1967	7.229	1.9419	18.0962	1.94198
8700	-1.7776	0.0151	5.1962	1.1999	7.291	1.9476	18.0574	1.94768
8800	-1.7469	0.0519	5.2002	1.2026	7.352	1.9530	18.0165	1.95311
8900	-1.7172	0.0876	5.2040	1.2051	7.411	1.9582	17.9743	1.95830
9000	-1.6884	0.1224	5.2078	1.2074	7.469	1.9631	17.9306	1.96326
9100	-1.6604	0.1563	5.2116	1.2096	7.526	1.9679	17.8861	1.96801
9200	-1.6331	0.1893	5.2152	1.2114	7.582	1.9724	17.8406	1.97258
9300	-1.6064	0.2216	5.2188	1.2130	7.636	1.9768	17.7947	1.97697
9400	-1.5804	0.2532	5.2223	1.2147	7.691	1.9810	17.7485	1.98120
9500	-1.5549	0.2841	5.2258	1.2157	7.743	1.9850	17.7026	1.98530
9600	-1.5299	0.3146	5.2292	1.2165	7.794	1.9890	17.6566	1.98928
9700	-1.5053	0.3445	5.2326	1.2174	7.844	1.9928	17.6109	1.99316
9800	-1.4811	0.3740	5.2359	1.2179	7.894	1.9966	17.5661	1.99695
9900	-1.4573	0.4030	5.2392	1.2180	7.942	2.0002	17.5217	2.00066
10000	-1.4337	0.4318	5.2425	1.2182	7.990	2.0038	17.4781	2.00431
10100	-1.4104	0.4601	5.2458	1.2175	8.034	2.0073	17.4354	2.00790
10200	-1.3870	0.4886	5.2490	1.2174	8.081	2.0109	17.3956	2.01158
10300	-1.3642	0.5164	5.2523	1.2180	8.129	2.0144	17.3550	2.01510
10400	-1.3416	0.5440	5.2555	1.2175	8.174	2.0178	17.3154	2.01859
10500	-1.3191	0.5713	5.2587	1.2173	8.219	2.0212	17.2771	2.02207
10600	-1.2968	0.5985	5.2618	1.2168	8.263	2.0246	17.2401	2.02556
10700	-1.2746	0.6255	5.2650	1.2160	8.307	2.0279	17.2042	2.02904
10800	-1.2525	0.6523	5.2682	1.2155	8.350	2.0313	17.1697	2.03252
10900	-1.2306	0.6789	5.2713	1.2149	8.394	2.0347	17.1365	2.03602
11000	-1.2087	0.7055	5.2745	1.2142	8.437	2.0381	17.1046	2.03953
11100	-1.1870	0.7319	5.2777	1.2135	8.480	2.0415	17.0740	2.04307
11200	-1.1653	0.7582	5.2808	1.2129	8.523	2.0449	17.0447	2.04663
11300	-1.1437	0.7843	5.2840	1.2124	8.566	2.0483	17.0165	2.05020
11400	-1.1222	0.8104	5.2871	1.2116	8.608	2.0517	16.9897	2.05382
11500	-1.1008	0.8364	5.2902	1.2109	8.651	2.0552	16.9642	2.05747
11600	-1.0795	0.8622	5.2934	1.2103	8.694	2.0587	16.9397	2.06113
11700	-1.0582	0.8879	5.2965	1.2098	8.737	2.0622	16.9164	2.06483
11800	-1.0370	0.9135	5.2996	1.2093	8.780	2.0657	16.8942	2.06858
11900	-1.0159	0.9390	5.3027	1.2086	8.822	2.0692	16.8732	2.07235
12000	-0.9949	0.9644	5.3059	1.2081	8.865	2.0728	16.8533	2.07616
12100	-0.9740	0.9897	5.3090	1.2076	8.907	2.0764	16.8344	2.08001
12200	-0.9531	1.0149	5.3121	1.2073	8.951	2.0800	16.8165	2.08390
12300	-0.9323	1.0400	5.3152	1.2069	8.994	2.0836	16.7996	2.08782

S/R= 54.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-0.9116	1.0650	5.3183	1.2063	9.036	2.0873	16.7836	2.09177
12500	-0.8910	1.0899	5.3214	1.2063	9.080	2.0910	16.7685	2.09577
12600	-0.8704	1.1146	5.3245	1.2058	9.123	2.0947	16.7541	2.09979
12700	-0.8500	1.1393	5.3276	1.2054	9.165	2.0984	16.7406	2.10385
12800	-0.8297	1.1638	5.3307	1.2052	9.209	2.1021	16.7280	2.10794
12900	-0.8094	1.1882	5.3337	1.2048	9.251	2.1059	16.7162	2.11208
13000	-0.7892	1.2125	5.3368	1.2048	9.295	2.1096	16.7051	2.11623
13100	-0.7692	1.2367	5.3398	1.2046	9.339	2.1134	16.6945	2.12044
13200	-0.7492	1.2607	5.3429	1.2044	9.382	2.1172	16.6848	2.12467
13300	-0.7293	1.2847	5.3459	1.2042	9.425	2.1210	16.6758	2.12892
13400	-0.7096	1.3085	5.3490	1.2040	9.468	2.1249	16.6672	2.13322
13500	-0.6899	1.3322	5.3520	1.2038	9.511	2.1287	16.6594	2.13754
13600	-0.6703	1.3557	5.3550	1.2039	9.555	2.1325	16.6520	2.14189
13700	-0.6509	1.3791	5.3580	1.2039	9.599	2.1364	16.6451	2.14627
13800	-0.6315	1.4024	5.3610	1.2037	9.642	2.1403	16.6389	2.15067
13900	-0.6123	1.4256	5.3640	1.2022	9.680	2.1441	16.6329	2.15510
14000	-0.5929	1.4488	5.3670	1.2034	9.728	2.1480	16.6284	2.15951
14100	-0.5741	1.4715	5.3699	1.2051	9.778	2.1519	16.6227	2.16405
14200	-0.5552	1.4943	5.3729	1.2037	9.816	2.1558	16.6182	2.16856
14300	-0.5363	1.5170	5.3758	1.2035	9.859	2.1597	16.6141	2.17310
14400	-0.5176	1.5395	5.3787	1.2033	9.901	2.1636	16.6104	2.17766
14500	-0.4990	1.5619	5.3817	1.2036	9.946	2.1674	16.6072	2.18223
14600	-0.4806	1.5841	5.3846	1.2037	9.989	2.1713	16.6040	2.18683
14700	-0.4622	1.6062	5.3875	1.2036	10.032	2.1752	16.6014	2.19145
14800	-0.4439	1.6282	5.3903	1.2038	10.076	2.1791	16.5990	2.19609
14900	-0.4258	1.6500	5.3932	1.2040	10.120	2.1830	16.5970	2.20075
15000	-0.4078	1.6717	5.3961	1.2040	10.162	2.1868	16.5951	2.20543

S/R= 55.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3800	-6.9145	-5.6677	4.6735	1.0754	3.683	1.2691	12.4081	1.26908
3900	-6.6659	-5.4003	4.7006	1.0762	3.764	1.2911	12.8679	1.29107
4000	-6.4288	-5.1449	4.7260	1.0780	3.848	1.3129	13.3019	1.31293
4100	-6.2025	-4.9008	4.7499	1.0798	3.931	1.3347	13.7125	1.33466
4200	-5.9869	-4.6678	4.7724	1.0817	4.014	1.3562	14.0992	1.35620
4300	-5.7810	-4.4448	4.7938	1.0836	4.097	1.3776	14.4651	1.37758
4400	-5.5849	-4.2321	4.8140	1.0855	4.180	1.3987	14.8080	1.39869
4500	-5.3973	-4.0283	4.8331	1.0875	4.262	1.4196	15.1329	1.41964
4600	-5.2186	-3.8338	4.8513	1.0895	4.345	1.4403	15.4373	1.44030
4700	-5.0480	-3.6477	4.8687	1.0915	4.427	1.4607	15.7236	1.46069
4800	-4.8849	-3.4695	4.8852	1.0935	4.508	1.4808	15.9932	1.48084
4900	-4.7289	-3.2988	4.9010	1.0956	4.590	1.5007	16.2468	1.50071
5000	-4.5801	-3.1356	4.9160	1.0978	4.671	1.5203	16.4837	1.52029
5100	-4.4371	-2.9785	4.9305	1.0999	4.753	1.5398	16.7099	1.53978
5200	-4.3011	-2.8287	4.9443	1.1021	4.833	1.5587	16.9175	1.55871
5300	-4.1711	-2.6853	4.9576	1.1042	4.913	1.5773	17.1113	1.57729
5400	-4.0466	-2.5477	4.9703	1.1064	4.993	1.5956	17.2925	1.59555
5500	-3.9274	-2.4157	4.9824	1.1087	5.072	1.6135	17.4610	1.61347
5600	-3.8133	-2.2890	4.9941	1.1110	5.151	1.6310	17.6178	1.63105
5700	-3.7040	-2.1675	5.0054	1.1132	5.230	1.6483	17.7635	1.64828
5800	-3.5993	-2.0509	5.0162	1.1155	5.308	1.6651	17.8978	1.66514
5900	-3.4990	-1.9389	5.0267	1.1179	5.385	1.6816	18.0218	1.68165
6000	-3.4030	-1.8314	5.0367	1.1204	5.463	1.6976	18.1352	1.69775
6100	-3.3113	-1.7285	5.0463	1.1231	5.540	1.7134	18.2389	1.71345

S/R= 55.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	-3.2235	-1.6298	5.0556	1.1257	5.617	1.7287	18.3323	1.72871
6300	-3.1395	-1.5351	5.0646	1.1283	5.693	1.7436	18.4166	1.74357
6400	-3.0592	-1.4444	5.0732	1.1310	5.768	1.7580	18.4919	1.75801
6500	-2.9823	-1.3573	5.0814	1.1337	5.844	1.7720	18.5581	1.77199
6600	-2.9087	-1.2738	5.0894	1.1365	5.918	1.7856	18.6162	1.78555
6700	-2.8384	-1.1938	5.0971	1.1395	5.993	1.7987	18.6659	1.79866
6800	-2.7712	-1.1171	5.1045	1.1426	6.066	1.8113	18.7076	1.81130
6900	-2.7070	-1.0437	5.1117	1.1457	6.140	1.8235	18.7417	1.82350
7000	-2.6457	-0.9734	5.1185	1.1489	6.213	1.8352	18.7679	1.83521
7100	-2.5872	-0.9060	5.1251	1.1523	6.285	1.8465	18.7868	1.84647
7200	-2.5314	-0.8416	5.1315	1.1558	6.357	1.8573	18.7987	1.85726
7300	-2.4781	-0.7799	5.1376	1.1592	6.429	1.8676	18.8039	1.86758
7400	-2.4272	-0.7208	5.1435	1.1628	6.500	1.8774	18.8027	1.87742
7500	-2.3786	-0.6643	5.1491	1.1666	6.570	1.8868	18.7953	1.88682
7600	-2.3324	-0.6102	5.1546	1.1704	6.640	1.8957	18.7820	1.89574
7700	-2.2882	-0.5583	5.1598	1.1740	6.709	1.9042	18.7632	1.90421
7800	-2.2459	-0.5087	5.1649	1.1777	6.778	1.9122	18.7394	1.91226
7900	-2.2055	-0.4610	5.1697	1.1817	6.846	1.9199	18.7111	1.91990
8000	-2.1669	-0.4153	5.1744	1.1854	6.913	1.9271	18.6784	1.92711
8100	-2.1299	-0.3714	5.1790	1.1891	6.979	1.9339	18.6416	1.93392
8200	-2.0944	-0.3292	5.1834	1.1927	7.044	1.9403	18.6016	1.94038
8300	-2.0603	-0.2884	5.1876	1.1961	7.109	1.9465	18.5586	1.94650
8400	-2.0275	-0.2491	5.1918	1.1994	7.172	1.9522	18.5130	1.95230
8500	-1.9959	-0.2111	5.1958	1.2023	7.233	1.9577	18.4654	1.95779
8600	-1.9653	-0.1743	5.1997	1.2052	7.294	1.9629	18.4155	1.96299
8700	-1.9357	-0.1386	5.2035	1.2078	7.353	1.9679	18.3645	1.96794
8800	-1.9070	-0.1039	5.2072	1.2100	7.411	1.9726	18.3125	1.97267
8900	-1.8790	-0.0700	5.2109	1.2118	7.467	1.9771	18.2598	1.97720
9000	-1.8518	-0.0370	5.2145	1.2134	7.522	1.9814	18.2068	1.98155
9100	-1.8251	-0.0046	5.2180	1.2149	7.576	1.9856	18.1536	1.98573
9200	-1.7990	0.0271	5.2215	1.2158	7.628	1.9896	18.1007	1.98978
9300	-1.7734	0.0583	5.2249	1.2166	7.680	1.9934	18.0482	1.99370
9400	-1.7482	0.0889	5.2283	1.2172	7.730	1.9972	17.9963	1.99751
9500	-1.7233	0.1192	5.2317	1.2172	7.779	2.0009	17.9455	2.00125
9600	-1.6988	0.1491	5.2350	1.2173	7.827	2.0046	17.8957	2.00493
9700	-1.6745	0.1787	5.2383	1.2171	7.874	2.0081	17.8470	2.00855
9800	-1.6505	0.2079	5.2416	1.2167	7.920	2.0117	17.7995	2.01213
9900	-1.6266	0.2369	5.2449	1.2163	7.966	2.0151	17.7536	2.01568
10000	-1.6030	0.2657	5.2482	1.2156	8.011	2.0186	17.7089	2.01922
10100	-1.5794	0.2943	5.2515	1.2142	8.053	2.0221	17.6658	2.02273
10200	-1.5558	0.3229	5.2548	1.2136	8.097	2.0256	17.6258	2.02635
10300	-1.5326	0.3512	5.2580	1.2133	8.143	2.0290	17.5859	2.02989
10400	-1.5094	0.3793	5.2613	1.2123	8.186	2.0325	17.5477	2.03343
10500	-1.4863	0.4073	5.2645	1.2116	8.230	2.0360	17.5110	2.03699
10600	-1.4633	0.4352	5.2677	1.2108	8.273	2.0394	17.4760	2.04059
10700	-1.4403	0.4629	5.2710	1.2099	8.316	2.0429	17.4424	2.04421
10800	-1.4175	0.4906	5.2742	1.2088	8.358	2.0465	17.4106	2.04786
10900	-1.3946	0.5181	5.2775	1.2080	8.401	2.0500	17.3803	2.05155
11000	-1.3719	0.5456	5.2807	1.2071	8.444	2.0536	17.3516	2.05527
11100	-1.3492	0.5730	5.2840	1.2063	8.487	2.0572	17.3243	2.05905
11200	-1.3265	0.6003	5.2872	1.2057	8.531	2.0609	17.2987	2.06287
11300	-1.3039	0.6276	5.2905	1.2051	8.574	2.0645	17.2742	2.06672
11400	-1.2814	0.6547	5.2937	1.2042	8.617	2.0683	17.2510	2.07061
11500	-1.2590	0.6817	5.2970	1.2035	8.660	2.0720	17.2294	2.07456
11600	-1.2366	0.7086	5.3002	1.2031	8.704	2.0758	17.2089	2.07854

S/R= 55.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11700	-1.2143	0.7355	5.3035	1.2026	8.747	2.0796	17.1896	2.08256
11800	-1.1920	0.7622	5.3067	1.2017	8.790	2.0834	17.1716	2.08663
11900	-1.1699	0.7889	5.3099	1.2013	8.833	2.0873	17.1548	2.09076
12000	-1.1478	0.8154	5.3132	1.2010	8.878	2.0912	17.1391	2.09492
12100	-1.1257	0.8419	5.3164	1.2005	8.921	2.0951	17.1242	2.09912
12200	-1.1038	0.8682	5.3196	1.2002	8.965	2.0991	17.1104	2.10338
12300	-1.0820	0.8944	5.3228	1.1998	9.009	2.1031	17.0976	2.10766
12400	-1.0602	0.9205	5.3261	1.1995	9.053	2.1071	17.0856	2.11198
12500	-1.0386	0.9464	5.3293	1.1995	9.098	2.1111	17.0745	2.11634
12600	-1.0170	0.9723	5.3325	1.1991	9.141	2.1151	17.0643	2.12075
12700	-0.9956	0.9980	5.3357	1.1988	9.185	2.1192	17.0547	2.12519
12800	-0.9742	1.0236	5.3388	1.1987	9.230	2.1233	17.0460	2.12967
12900	-0.9530	1.0491	5.3420	1.1986	9.274	2.1274	17.0380	2.13419
13000	-0.9318	1.0744	5.3452	1.1984	9.319	2.1316	17.0308	2.13873
13100	-0.9108	1.0996	5.3483	1.1984	9.363	2.1357	17.0240	2.14332
13200	-0.8899	1.1247	5.3515	1.1985	9.409	2.1399	17.0179	2.14792
13300	-0.8691	1.1496	5.3546	1.1984	9.453	2.1440	17.0125	2.15257
13400	-0.8484	1.1743	5.3577	1.1981	9.497	2.1482	17.0075	2.15725
13500	-0.8279	1.1990	5.3609	1.1982	9.542	2.1524	17.0030	2.16194
13600	-0.8074	1.2235	5.3640	1.1984	9.587	2.1566	16.9991	2.16668
13700	-0.7871	1.2478	5.3671	1.1982	9.631	2.1608	16.9956	2.17144
13800	-0.7669	1.2720	5.3701	1.1983	9.676	2.1650	16.9926	2.17622
13900	-0.7468	1.2961	5.3732	1.1969	9.714	2.1692	16.9899	2.18103
14000	-0.7266	1.3202	5.3763	1.1983	9.765	2.1734	16.9886	2.18581
14100	-0.7071	1.3437	5.3793	1.2002	9.817	2.1777	16.9857	2.19074
14200	-0.6874	1.3674	5.3823	1.1987	9.855	2.1819	16.9841	2.19561
14300	-0.6678	1.3908	5.3854	1.1988	9.899	2.1861	16.9829	2.20051
14400	-0.6484	1.4141	5.3884	1.1986	9.943	2.1904	16.9821	2.20544
14500	-0.6290	1.4373	5.3913	1.1990	9.989	2.1946	16.9814	2.21038
14600	-0.6099	1.4603	5.3943	1.1993	10.034	2.1988	16.9810	2.21533
14700	-0.5908	1.4831	5.3973	1.1991	10.077	2.2030	16.9811	2.22031
14800	-0.5719	1.5058	5.4002	1.1994	10.122	2.2072	16.9812	2.22531
14900	-0.5531	1.5284	5.4032	1.1997	10.167	2.2114	16.9815	2.23033
15000	-0.5344	1.5508	5.4061	1.1997	10.211	2.2156	16.9821	2.23536

S/R= 56.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.7544	-5.4803	4.7255	1.0768	3.802	1.3165	13.6276	1.31647
4000	-6.5153	-5.2228	4.7502	1.0777	3.885	1.3391	14.0641	1.33905
4100	-6.2873	-4.9770	4.7734	1.0796	3.970	1.3615	14.4762	1.36146
4200	-6.0704	-4.7425	4.7954	1.0815	4.054	1.3837	14.8634	1.38366
4300	-5.8634	-4.5184	4.8161	1.0835	4.138	1.4057	15.2292	1.40567
4400	-5.6665	-4.3049	4.8358	1.0854	4.222	1.4274	15.5714	1.42739
4500	-5.4784	-4.1005	4.8545	1.0875	4.306	1.4489	15.8947	1.44890
4600	-5.2993	-3.9056	4.8722	1.0895	4.389	1.4701	16.1968	1.47011
4700	-5.1285	-3.7193	4.8891	1.0916	4.473	1.4910	16.4805	1.49101
4800	-4.9653	-3.5410	4.9052	1.0937	4.555	1.5116	16.7467	1.51164
4900	-4.8096	-3.3705	4.9206	1.0958	4.638	1.5320	16.9964	1.53197
5000	-4.6611	-3.2076	4.9352	1.0980	4.720	1.5520	17.2291	1.55197
5100	-4.5185	-3.0509	4.9494	1.1002	4.802	1.5718	17.4503	1.57184
5200	-4.3832	-2.9019	4.9628	1.1025	4.884	1.5911	17.6523	1.59111
5300	-4.2539	-2.7591	4.9757	1.1048	4.965	1.6100	17.8403	1.61002
5400	-4.1303	-2.6225	4.9880	1.1070	5.046	1.6286	18.0147	1.62856
5500	-4.0122	-2.4916	4.9999	1.1094	5.126	1.6467	18.1761	1.64671

S/R= 56.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-3.8992	-2.3662	5.0112	1.1118	5.206	1.6645	18.3253	1.66449
5700	-3.7913	-2.2460	5.0222	1.1142	5.285	1.6819	18.4622	1.68186
5800	-3.6880	-2.1309	5.0327	1.1166	5.364	1.6988	18.5880	1.69885
5900	-3.5894	-2.0206	5.0427	1.1192	5.442	1.7154	18.7020	1.71539
6000	-3.4951	-1.9149	5.0524	1.1219	5.521	1.7315	18.8055	1.73152
6100	-3.4053	-1.8141	5.0617	1.1248	5.599	1.7471	18.8978	1.74714
6200	-3.3196	-1.7175	5.0707	1.1275	5.676	1.7623	18.9801	1.76232
6300	-3.2378	-1.6251	5.0793	1.1305	5.753	1.7770	19.0518	1.77701
6400	-3.1597	-1.5368	5.0875	1.1334	5.829	1.7912	19.1142	1.79122
6500	-3.0853	-1.4523	5.0955	1.1365	5.905	1.8049	19.1669	1.80493
6600	-3.0144	-1.3716	5.1031	1.1397	5.980	1.8181	19.2106	1.81813
6700	-2.9468	-1.2944	5.1104	1.1431	6.055	1.8308	19.2453	1.83084
6800	-2.8824	-1.2208	5.1174	1.1465	6.130	1.8430	19.2714	1.84301
6900	-2.8212	-1.1505	5.1242	1.1500	6.204	1.8547	19.2891	1.85467
7000	-2.7630	-1.0835	5.1306	1.1538	6.277	1.8658	19.2987	1.86580
7100	-2.7077	-1.0195	5.1368	1.1577	6.351	1.8764	19.3003	1.87639
7200	-2.6551	-0.9585	5.1428	1.1617	6.423	1.8865	19.2946	1.88647
7300	-2.6051	-0.9003	5.1485	1.1657	6.496	1.8960	19.2820	1.89603
7400	-2.5576	-0.8448	5.1539	1.1699	6.567	1.9051	19.2625	1.90507
7500	-2.5124	-0.7919	5.1592	1.1741	6.638	1.9136	19.2366	1.91361
7600	-2.4695	-0.7414	5.1642	1.1784	6.709	1.9216	19.2051	1.92166
7700	-2.4285	-0.6931	5.1691	1.1825	6.778	1.9292	19.1686	1.92924
7800	-2.3895	-0.6468	5.1737	1.1868	6.846	1.9364	19.1270	1.93638
7900	-2.3523	-0.6026	5.1782	1.1909	6.914	1.9431	19.0812	1.94308
8000	-2.3167	-0.5602	5.1826	1.1948	6.980	1.9493	19.0317	1.94938
8100	-2.2826	-0.5193	5.1868	1.1985	7.045	1.9553	18.9791	1.95531
8200	-2.2498	-0.4800	5.1908	1.2019	7.109	1.9609	18.9240	1.96091
8300	-2.2182	-0.4419	5.1948	1.2052	7.171	1.9661	18.8668	1.96619
8400	-2.1877	-0.4052	5.1986	1.2081	7.232	1.9711	18.8080	1.97118
8500	-2.1582	-0.3695	5.2024	1.2104	7.291	1.9758	18.7478	1.97591
8600	-2.1295	-0.3347	5.2060	1.2124	7.348	1.9803	18.6874	1.98042
8700	-2.1016	-0.3008	5.2097	1.2140	7.404	1.9846	18.6264	1.98473
8800	-2.0743	-0.2676	5.2132	1.2152	7.457	1.9887	18.5657	1.98888
8900	-2.0475	-0.2351	5.2167	1.2161	7.510	1.9927	18.5054	1.99289
9000	-2.0212	-0.2031	5.2201	1.2167	7.561	1.9966	18.4458	1.99677
9100	-1.9954	-0.1716	5.2236	1.2168	7.611	2.0003	18.3872	2.00055
9200	-1.9698	-0.1405	5.2269	1.2169	7.660	2.0040	18.3298	2.00425
9300	-1.9445	-0.1098	5.2303	1.2166	7.707	2.0076	18.2741	2.00789
9400	-1.9195	-0.0793	5.2337	1.2158	7.753	2.0112	18.2198	2.01149
9500	-1.8946	-0.0491	5.2370	1.2151	7.798	2.0147	18.1673	2.01507
9600	-1.8699	-0.0191	5.2403	1.2143	7.844	2.0182	18.1166	2.01863
9700	-1.8454	0.0107	5.2437	1.2134	7.888	2.0217	18.0678	2.02218
9800	-1.8209	0.0404	5.2470	1.2121	7.932	2.0252	18.0209	2.02575
9900	-1.7965	0.0699	5.2503	1.2109	7.975	2.0287	17.9760	2.02933
10000	-1.7722	0.0994	5.2537	1.2099	8.019	2.0322	17.9333	2.03293
10100	-1.7479	0.1287	5.2570	1.2083	8.060	2.0358	17.8926	2.03656
10200	-1.7235	0.1582	5.2604	1.2072	8.103	2.0394	17.8547	2.04029
10300	-1.6994	0.1873	5.2637	1.2065	8.148	2.0430	17.8178	2.04401
10400	-1.6752	0.2165	5.2670	1.2052	8.191	2.0467	17.7829	2.04775
10500	-1.6511	0.2455	5.2704	1.2044	8.234	2.0504	17.7499	2.05154
10600	-1.6270	0.2745	5.2737	1.2033	8.277	2.0541	17.7188	2.05539
10700	-1.6030	0.3034	5.2771	1.2022	8.320	2.0579	17.6895	2.05928
10800	-1.5790	0.3323	5.2805	1.2011	8.363	2.0617	17.6620	2.06323
10900	-1.5549	0.3611	5.2838	1.2001	8.406	2.0655	17.6362	2.06724
11000	-1.5310	0.3898	5.2872	1.1994	8.450	2.0694	17.6122	2.07129

S/R= 56.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	-1.5071	0.4185	5.2906	1.1987	8.494	2.0734	17.5895	2.07541
11200	-1.4832	0.4471	5.2940	1.1980	8.538	2.0774	17.5686	2.07958
11300	-1.4595	0.4756	5.2973	1.1973	8.581	2.0814	17.5488	2.08379
11400	-1.4357	0.5040	5.3007	1.1965	8.625	2.0855	17.5305	2.08806
11500	-1.4120	0.5323	5.3041	1.1959	8.669	2.0896	17.5137	2.09238
11600	-1.3884	0.5605	5.3074	1.1956	8.714	2.0937	17.4978	2.09675
11700	-1.3649	0.5887	5.3108	1.1952	8.759	2.0979	17.4837	2.10118
11800	-1.3415	0.6167	5.3142	1.1946	8.803	2.1021	17.4702	2.10566
11900	-1.3181	0.6446	5.3175	1.1942	8.848	2.1064	17.4581	2.11018
12000	-1.2948	0.6724	5.3209	1.1940	8.893	2.1107	17.4471	2.11475
12100	-1.2716	0.7001	5.3243	1.1937	8.938	2.1150	17.4369	2.11936
12200	-1.2486	0.7276	5.3276	1.1934	8.983	2.1193	17.4277	2.12402
12300	-1.2256	0.7550	5.3309	1.1934	9.029	2.1237	17.4193	2.12871
12400	-1.2028	0.7822	5.3343	1.1930	9.073	2.1281	17.4118	2.13345
12500	-1.1800	0.8094	5.3376	1.1928	9.118	2.1325	17.4050	2.13823
12600	-1.1574	0.8364	5.3409	1.1929	9.165	2.1370	17.3991	2.14306
12700	-1.1349	0.8633	5.3442	1.1928	9.210	2.1415	17.3939	2.14792
12800	-1.1125	0.8899	5.3475	1.1928	9.256	2.1459	17.3893	2.15281
12900	-1.0902	0.9165	5.3508	1.1927	9.302	2.1504	17.3852	2.15774
13000	-1.0681	0.9429	5.3540	1.1927	9.347	2.1550	17.3819	2.16269
13100	-1.0461	0.9691	5.3573	1.1928	9.394	2.1595	17.3789	2.16768
13200	-1.0242	0.9952	5.3605	1.1929	9.440	2.1640	17.3766	2.17270
13300	-1.0025	1.0211	5.3638	1.1929	9.485	2.1686	17.3747	2.17774
13400	-0.9809	1.0469	5.3670	1.1930	9.531	2.1731	17.3734	2.18282
13500	-0.9595	1.0725	5.3702	1.1930	9.577	2.1777	17.3725	2.18793
13600	-0.9381	1.0979	5.3734	1.1933	9.623	2.1823	17.3720	2.19307
13700	-0.9170	1.1232	5.3766	1.1933	9.669	2.1869	17.3717	2.19822
13800	-0.8959	1.1483	5.3797	1.1935	9.715	2.1915	17.3719	2.20340
13900	-0.8751	1.1732	5.3829	1.1921	9.755	2.1960	17.3723	2.20859
14000	-0.8541	1.1982	5.3860	1.1939	9.807	2.2006	17.3743	2.21375
14100	-0.8337	1.2225	5.3891	1.1958	9.860	2.2052	17.3742	2.21906
14200	-0.8133	1.2470	5.3922	1.1942	9.899	2.2098	17.3755	2.22431
14300	-0.7930	1.2712	5.3953	1.1944	9.945	2.2144	17.3771	2.22958
14400	-0.7728	1.2953	5.3984	1.1945	9.991	2.2189	17.3790	2.23489
14500	-0.7528	1.3192	5.4014	1.1950	10.037	2.2235	17.3810	2.24021
14600	-0.7329	1.3429	5.4045	1.1953	10.083	2.2281	17.3830	2.24553
14700	-0.7132	1.3665	5.4075	1.1953	10.128	2.2326	17.3855	2.25088
14800	-0.6936	1.3899	5.4105	1.1956	10.174	2.2372	17.3880	2.25623
14900	-0.6742	1.4132	5.4135	1.1960	10.221	2.2417	17.3907	2.26160
15000	-0.6549	1.4362	5.4165	1.1962	10.266	2.2462	17.3935	2.26698

S/R= 57.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.8387	-5.5562	4.7493	1.0766	3.839	1.3421	14.3953	1.34214
4000	-6.5979	-5.2970	4.7733	1.0776	3.923	1.3654	14.8331	1.36541
4100	-6.3687	-5.0498	4.7959	1.0795	4.009	1.3885	15.2455	1.38848
4200	-6.1507	-4.8143	4.8173	1.0814	4.094	1.4113	15.6325	1.41130
4300	-5.9429	-4.5894	4.8375	1.0834	4.180	1.4339	15.9973	1.43391
4400	-5.7455	-4.3753	4.8566	1.0854	4.265	1.4562	16.3378	1.45620
4500	-5.5571	-4.1706	4.8749	1.0875	4.349	1.4783	16.6586	1.47826
4600	-5.3779	-3.9755	4.8921	1.0896	4.434	1.5000	16.9577	1.49996
4700	-5.2072	-3.7893	4.9086	1.0917	4.518	1.5213	17.2377	1.52135
4800	-5.0443	-3.6113	4.9243	1.0939	4.602	1.5424	17.4998	1.54242
4900	-4.8890	-3.4412	4.9393	1.0961	4.686	1.5632	17.7449	1.56317

S/R= 57.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	-4.7411	-3.2789	4.9536	1.0984	4.769	1.5835	17.9719	1.58353
5100	-4.5992	-3.1229	4.9673	1.1007	4.852	1.6037	18.1869	1.60374
5200	-4.4648	-2.9748	4.9804	1.1030	4.934	1.6233	18.3825	1.62332
5300	-4.3365	-2.8331	4.9929	1.1054	5.016	1.6425	18.5630	1.64248
5400	-4.2142	-2.6977	5.0049	1.1078	5.098	1.6612	18.7296	1.66122
5500	-4.0974	-2.5682	5.0164	1.1102	5.179	1.6796	18.8827	1.67956
5600	-3.9860	-2.4444	5.0275	1.1128	5.259	1.6974	19.0224	1.69744
5700	-3.8797	-2.3260	5.0380	1.1154	5.340	1.7149	19.1497	1.71489
5800	-3.7783	-2.2128	5.0482	1.1180	5.419	1.7319	19.2641	1.73187
5900	-3.6817	-2.1046	5.0579	1.1208	5.498	1.7484	19.3672	1.74838
6000	-3.5896	-2.0013	5.0673	1.1238	5.578	1.7644	19.4580	1.76437
6100	-3.5021	-1.9028	5.0762	1.1269	5.656	1.7799	19.5377	1.77986
6200	-3.4189	-1.8089	5.0848	1.1300	5.734	1.7948	19.6057	1.79477
6300	-3.3397	-1.7193	5.0930	1.1332	5.812	1.8092	19.6631	1.80917
6400	-3.2645	-1.6339	5.1009	1.1366	5.889	1.8230	19.7098	1.82300
6500	-3.1930	-1.5526	5.1084	1.1401	5.965	1.8363	19.7465	1.83625
6600	-3.1252	-1.4752	5.1156	1.1437	6.041	1.8490	19.7732	1.84896
6700	-3.0610	-1.4015	5.1225	1.1477	6.117	1.8611	19.7901	1.86106
6800	-3.0000	-1.3315	5.1291	1.1516	6.192	1.8726	19.7979	1.87258
6900	-2.9424	-1.2649	5.1354	1.1558	6.267	1.8835	19.7965	1.88351
7000	-2.8878	-1.2017	5.1415	1.1602	6.342	1.8938	19.7865	1.89384
7100	-2.8361	-1.1417	5.1472	1.1647	6.416	1.9036	19.7684	1.90360
7200	-2.7872	-1.0846	5.1527	1.1693	6.489	1.9128	19.7429	1.91278
7300	-2.7410	-1.0304	5.1580	1.1740	6.562	1.9214	19.7099	1.92140
7400	-2.6972	-0.9789	5.1630	1.1787	6.634	1.9295	19.6703	1.92947
7500	-2.6557	-0.9299	5.1679	1.1834	6.705	1.9370	19.6250	1.93703
7600	-2.6162	-0.8831	5.1725	1.1881	6.775	1.9441	19.5744	1.94410
7700	-2.5787	-0.8384	5.1770	1.1928	6.845	1.9507	19.5190	1.95068
7800	-2.5430	-0.7957	5.1812	1.1971	6.912	1.9568	19.4595	1.95683
7900	-2.5088	-0.7547	5.1854	1.2010	6.978	1.9626	19.3970	1.96259
8000	-2.4760	-0.7153	5.1894	1.2046	7.042	1.9679	19.3319	1.96799
8100	-2.4444	-0.6772	5.1933	1.2078	7.105	1.9730	19.2649	1.97306
8200	-2.4140	-0.6404	5.1970	1.2107	7.165	1.9778	19.1963	1.97785
8300	-2.3845	-0.6046	5.2007	1.2131	7.224	1.9823	19.1273	1.98238
8400	-2.3558	-0.5698	5.2044	1.2147	7.281	1.9866	19.0578	1.98668
8500	-2.3278	-0.5357	5.2079	1.2160	7.335	1.9907	18.9885	1.99081
8600	-2.3003	-0.5023	5.2114	1.2167	7.388	1.9947	18.9203	1.99479
8700	-2.2733	-0.4695	5.2149	1.2171	7.439	1.9985	18.8528	1.99864
8800	-2.2467	-0.4371	5.2183	1.2170	7.488	2.0022	18.7867	2.00240
8900	-2.2204	-0.4052	5.2218	1.2166	7.536	2.0059	18.7224	2.00608
9000	-2.1944	-0.3735	5.2251	1.2159	7.583	2.0095	18.6597	2.00970
9100	-2.1686	-0.3421	5.2285	1.2149	7.629	2.0130	18.5993	2.01329
9200	-2.1429	-0.3109	5.2319	1.2139	7.674	2.0166	18.5412	2.01687
9300	-2.1173	-0.2799	5.2353	1.2125	7.718	2.0201	18.4853	2.02045
9400	-2.0918	-0.2489	5.2387	1.2111	7.762	2.0236	18.4318	2.02403
9500	-2.0663	-0.2181	5.2421	1.2098	7.805	2.0272	18.3808	2.02764
9600	-2.0409	-0.1874	5.2455	1.2082	7.848	2.0308	18.3324	2.03128
9700	-2.0155	-0.1567	5.2489	1.2065	7.890	2.0344	18.2862	2.03496
9800	-1.9901	-0.1260	5.2523	1.2051	7.934	2.0381	18.2425	2.03868
9900	-1.9646	-0.0954	5.2557	1.2035	7.976	2.0418	18.2013	2.04246
10000	-1.9392	-0.0648	5.2592	1.2022	8.019	2.0455	18.1627	2.04630
10100	-1.9137	-0.0342	5.2626	1.2007	8.061	2.0493	18.1264	2.05019
10200	-1.8882	-0.0035	5.2661	1.1992	8.104	2.0532	18.0928	2.05419
10300	-1.8627	0.0270	5.2696	1.1984	8.149	2.0571	18.0609	2.05820
10400	-1.8373	0.0575	5.2731	1.1972	8.192	2.0611	18.0310	2.06227

S/R= 57.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	-1.8118	0.0879	5.2765	1.1961	8.235	2.0651	18.0033	2.06641
10600	-1.7864	0.1183	5.2800	1.1949	8.279	2.0692	17.9776	2.07063
10700	-1.7609	0.1487	5.2835	1.1940	8.323	2.0733	17.9538	2.07491
10800	-1.7355	0.1791	5.2870	1.1932	8.367	2.0775	17.9318	2.07926
10900	-1.7101	0.2093	5.2906	1.1923	8.411	2.0818	17.9115	2.08366
11000	-1.6848	0.2395	5.2941	1.1917	8.456	2.0861	17.8928	2.08813
11100	-1.6595	0.2696	5.2976	1.1911	8.501	2.0904	17.8758	2.09266
11200	-1.6343	0.2996	5.3011	1.1904	8.546	2.0948	17.8602	2.09725
11300	-1.6092	0.3296	5.3046	1.1897	8.591	2.0993	17.8460	2.10189
11400	-1.5841	0.3594	5.3081	1.1893	8.636	2.1038	17.8333	2.10660
11500	-1.5591	0.3892	5.3117	1.1889	8.682	2.1083	17.8219	2.11137
11600	-1.5342	0.4188	5.3152	1.1884	8.727	2.1129	17.8114	2.11619
11700	-1.5093	0.4483	5.3187	1.1883	8.774	2.1175	17.8023	2.12105
11800	-1.4846	0.4776	5.3222	1.1880	8.820	2.1221	17.7940	2.12597
11900	-1.4600	0.5069	5.3256	1.1877	8.866	2.1268	17.7869	2.13093
12000	-1.4355	0.5360	5.3291	1.1876	8.913	2.1315	17.7809	2.13596
12100	-1.4111	0.5649	5.3326	1.1873	8.959	2.1363	17.7756	2.14101
12200	-1.3869	0.5937	5.3361	1.1872	9.005	2.1411	17.7710	2.14611
12300	-1.3627	0.6224	5.3395	1.1873	9.053	2.1459	17.7673	2.15125
12400	-1.3388	0.6508	5.3430	1.1872	9.099	2.1507	17.7644	2.15643
12500	-1.3149	0.6792	5.3464	1.1872	9.146	2.1555	17.7620	2.16165
12600	-1.2912	0.7073	5.3498	1.1872	9.193	2.1604	17.7605	2.16691
12700	-1.2676	0.7353	5.3532	1.1874	9.240	2.1653	17.7595	2.17220
12800	-1.2442	0.7631	5.3566	1.1875	9.288	2.1702	17.7589	2.17753
12900	-1.2209	0.7907	5.3600	1.1875	9.334	2.1751	17.7589	2.18288
13000	-1.1978	0.8182	5.3634	1.1876	9.381	2.1800	17.7595	2.18826
13100	-1.1749	0.8454	5.3667	1.1878	9.429	2.1849	17.7604	2.19367
13200	-1.1521	0.8725	5.3701	1.1879	9.476	2.1899	17.7617	2.19911
13300	-1.1294	0.8994	5.3734	1.1882	9.524	2.1948	17.7634	2.20458
13400	-1.1069	0.9261	5.3767	1.1883	9.571	2.1998	17.7657	2.21007
13500	-1.0846	0.9527	5.3800	1.1884	9.618	2.2047	17.7679	2.21558
13600	-1.0625	0.9790	5.3832	1.1888	9.666	2.2097	17.7708	2.22112
13700	-1.0405	1.0052	5.3865	1.1891	9.713	2.2146	17.7737	2.22667
13800	-1.0186	1.0311	5.3897	1.1892	9.760	2.2196	17.7770	2.23224
13900	-0.9970	1.0569	5.3930	1.1880	9.801	2.2246	17.7804	2.23783
14000	-0.9752	1.0827	5.3962	1.1900	9.855	2.2294	17.7855	2.24337
14100	-0.9542	1.1078	5.3993	1.1918	9.909	2.2345	17.7880	2.24908
14200	-0.9330	1.1330	5.4025	1.1903	9.949	2.2394	17.7921	2.25472
14300	-0.9120	1.1580	5.4057	1.1907	9.996	2.2443	17.7962	2.26037
14400	-0.8911	1.1829	5.4088	1.1910	10.044	2.2493	17.8006	2.26605
14500	-0.8705	1.2075	5.4119	1.1914	10.091	2.2542	17.8051	2.27174
14600	-0.8500	1.2319	5.4150	1.1917	10.138	2.2591	17.8095	2.27742
14700	-0.8296	1.2562	5.4181	1.1921	10.185	2.2640	17.8144	2.28312
14800	-0.8094	1.2802	5.4212	1.1923	10.232	2.2688	17.8192	2.28884
14900	-0.7894	1.3041	5.4242	1.1926	10.279	2.2737	17.8239	2.29456
15000	-0.7696	1.3278	5.4272	1.1931	10.326	2.2785	17.8289	2.30029

S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.9193	-5.6286	4.7720	1.0765	3.875	1.3680	15.1693	1.36802
4000	-6.6774	-5.3681	4.7954	1.0775	3.961	1.3919	15.6074	1.39194
4100	-6.4471	-5.1198	4.8174	1.0794	4.048	1.4156	16.0196	1.41565
4200	-6.2284	-4.8835	4.8382	1.0814	4.134	1.4391	16.4052	1.43907
4300	-6.0202	-4.6581	4.8580	1.0834	4.221	1.4623	16.7681	1.46226

S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-5.8225	-4.4437	4.8766	1.0855	4.307	1.4851	17.1059	1.48508
4500	-5.6341	-4.2390	4.8943	1.0876	4.393	1.5076	17.4234	1.50764
4600	-5.4550	-4.0440	4.9112	1.0898	4.478	1.5298	17.7187	1.52982
4700	-5.2846	-3.8581	4.9272	1.0920	4.563	1.5516	17.9941	1.55165
4800	-5.1223	-3.6807	4.9425	1.0942	4.648	1.5731	18.2510	1.57313
4900	-4.9676	-3.5113	4.9571	1.0965	4.733	1.5942	18.4899	1.59423
5000	-4.8206	-3.3498	4.9711	1.0988	4.817	1.6149	18.7105	1.61492
5100	-4.6797	-3.1949	4.9845	1.1012	4.901	1.6354	18.9185	1.63542
5200	-4.5465	-3.0480	4.9972	1.1037	4.984	1.6552	19.1059	1.65522
5300	-4.4196	-2.9078	5.0093	1.1062	5.067	1.6746	19.2779	1.67457
5400	-4.2987	-2.7740	5.0210	1.1088	5.149	1.6935	19.4352	1.69347
5500	-4.1837	-2.6463	5.0321	1.1114	5.231	1.7119	19.5775	1.71186
5600	-4.0742	-2.5244	5.0428	1.1141	5.312	1.7298	19.7068	1.72979
5700	-3.9700	-2.4082	5.0530	1.1169	5.393	1.7472	19.8218	1.74718
5800	-3.8709	-2.2973	5.0628	1.1197	5.474	1.7641	19.9239	1.76408
5900	-3.7767	-2.1918	5.0722	1.1228	5.554	1.7804	20.0127	1.78040
6000	-3.6872	-2.0911	5.0811	1.1261	5.633	1.7962	20.0894	1.79617
6100	-3.6027	-1.9957	5.0897	1.1296	5.713	1.8113	20.1531	1.81131
6200	-3.5224	-1.9050	5.0979	1.1331	5.792	1.8258	20.2050	1.82584
6300	-3.4465	-1.8188	5.1057	1.1368	5.870	1.8398	20.2449	1.83975
6400	-3.3747	-1.7370	5.1131	1.1407	5.948	1.8530	20.2733	1.85303
6500	-3.3068	-1.6595	5.1202	1.1448	6.025	1.8657	20.2907	1.86565
6600	-3.2428	-1.5861	5.1270	1.1490	6.102	1.8776	20.2974	1.87763
6700	-3.1824	-1.5165	5.1334	1.1536	6.179	1.8889	20.2937	1.88895
6800	-3.1255	-1.4507	5.1396	1.1583	6.255	1.8996	20.2798	1.89960
6900	-3.0719	-1.3885	5.1454	1.1632	6.331	1.9096	20.2569	1.90960
7000	-3.0214	-1.3296	5.1510	1.1684	6.406	1.9190	20.2252	1.91897
7100	-2.9738	-1.2739	5.1563	1.1737	6.481	1.9277	20.1850	1.92770
7200	-2.9290	-1.2212	5.1613	1.1790	6.555	1.9358	20.1373	1.93582
7300	-2.8868	-1.1713	5.1662	1.1842	6.628	1.9434	20.0830	1.94337
7400	-2.8468	-1.1239	5.1708	1.1894	6.700	1.9504	20.0229	1.95037
7500	-2.8089	-1.0787	5.1752	1.1945	6.771	1.9569	19.9577	1.95688
7600	-2.7730	-1.0357	5.1794	1.1992	6.840	1.9629	19.8879	1.96290
7700	-2.7387	-0.9945	5.1835	1.2037	6.907	1.9685	19.8148	1.96849
7800	-2.7059	-0.9549	5.1874	1.2074	6.972	1.9737	19.7393	1.97371
7900	-2.6743	-0.9167	5.1913	1.2106	7.034	1.9786	19.6619	1.97859
8000	-2.6438	-0.8797	5.1950	1.2133	7.095	1.9831	19.5837	1.98319
8100	-2.6142	-0.8438	5.1986	1.2153	7.153	1.9875	19.5051	1.98754
8200	-2.5854	-0.8088	5.2022	1.2170	7.209	1.9916	19.4265	1.99167
8300	-2.5573	-0.7745	5.2057	1.2176	7.262	1.9956	19.3491	1.99564
8400	-2.5296	-0.7408	5.2092	1.2177	7.313	1.9994	19.2728	1.99947
8500	-2.5023	-0.7075	5.2127	1.2176	7.363	2.0031	19.1984	2.00320
8600	-2.4753	-0.6747	5.2161	1.2169	7.411	2.0067	19.1260	2.00687
8700	-2.4485	-0.6421	5.2196	1.2158	7.457	2.0103	19.0560	2.01048
8800	-2.4218	-0.6097	5.2230	1.2145	7.502	2.0139	18.9885	2.01406
8900	-2.3953	-0.5775	5.2264	1.2129	7.547	2.0174	18.9240	2.01764
9000	-2.3688	-0.5454	5.2298	1.2112	7.590	2.0210	18.8620	2.02123
9100	-2.3423	-0.5134	5.2333	1.2092	7.633	2.0246	18.8033	2.02485
9200	-2.3158	-0.4814	5.2367	1.2074	7.675	2.0282	18.7474	2.02851
9300	-2.2893	-0.4494	5.2402	1.2056	7.718	2.0318	18.6946	2.03221
9400	-2.2628	-0.4174	5.2437	1.2037	7.761	2.0355	18.6447	2.03597
9500	-2.2361	-0.3853	5.2472	1.2020	7.803	2.0393	18.5978	2.03979
9600	-2.2095	-0.3533	5.2507	1.2001	7.846	2.0431	18.5538	2.04367
9700	-2.1827	-0.3212	5.2543	1.1981	7.887	2.0470	18.5130	2.04764
9800	-2.1559	-0.2891	5.2578	1.1966	7.931	2.0510	18.4747	2.05168

S/R= 58.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9900	-2.1290	-0.2570	5.2614	1.1951	7.974	2.0550	18.4394	2.05579
10000	-2.1021	-0.2248	5.2650	1.1937	8.017	2.0591	18.4065	2.05999
10100	-2.0751	-0.1927	5.2686	1.1922	8.060	2.0633	18.3760	2.06426
10200	-2.0481	-0.1604	5.2722	1.1909	8.104	2.0676	18.3486	2.06864
10300	-2.0211	-0.1283	5.2758	1.1899	8.149	2.0719	18.3228	2.07306
10400	-1.9941	-0.0962	5.2795	1.1888	8.193	2.0763	18.2992	2.07756
10500	-1.9671	-0.0641	5.2831	1.1878	8.238	2.0807	18.2777	2.08215
10600	-1.9401	-0.0320	5.2868	1.1870	8.283	2.0852	18.2583	2.08681
10700	-1.9131	-0.0000	5.2904	1.1861	8.328	2.0898	18.2410	2.09154
10800	-1.8862	0.0319	5.2941	1.1854	8.374	2.0945	18.2252	2.09635
10900	-1.8593	0.0638	5.2978	1.1849	8.420	2.0992	18.2110	2.10121
11000	-1.8325	0.0955	5.3014	1.1843	8.466	2.1039	18.1987	2.10615
11100	-1.8057	0.1272	5.3051	1.1838	8.512	2.1087	18.1875	2.11116
11200	-1.7790	0.1588	5.3088	1.1833	8.559	2.1136	18.1779	2.11622
11300	-1.7524	0.1903	5.3124	1.1828	8.605	2.1185	18.1697	2.12135
11400	-1.7259	0.2216	5.3161	1.1826	8.652	2.1235	18.1625	2.12653
11500	-1.6996	0.2528	5.3197	1.1825	8.700	2.1285	18.1567	2.13177
11600	-1.6733	0.2838	5.3234	1.1821	8.746	2.1335	18.1519	2.13706
11700	-1.6472	0.3148	5.3270	1.1820	8.794	2.1386	18.1481	2.14240
11800	-1.6212	0.3455	5.3306	1.1819	8.842	2.1437	18.1452	2.14778
11900	-1.5953	0.3761	5.3343	1.1817	8.889	2.1488	18.1431	2.15321
12000	-1.5695	0.4065	5.3379	1.1817	8.937	2.1540	18.1420	2.15871
12100	-1.5440	0.4367	5.3415	1.1816	8.985	2.1592	18.1416	2.16423
12200	-1.5185	0.4668	5.3450	1.1819	9.034	2.1644	18.1419	2.16979
12300	-1.4932	0.4966	5.3486	1.1820	9.082	2.1696	18.1428	2.17540
12400	-1.4681	0.5263	5.3522	1.1821	9.130	2.1749	18.1443	2.18102
12500	-1.4432	0.5558	5.3557	1.1821	9.178	2.1802	18.1464	2.18669
12600	-1.4184	0.5851	5.3592	1.1822	9.226	2.1855	18.1489	2.19239
12700	-1.3938	0.6142	5.3627	1.1825	9.275	2.1908	18.1521	2.19813
12800	-1.3694	0.6430	5.3662	1.1827	9.324	2.1961	18.1556	2.20390
12900	-1.3451	0.6717	5.3697	1.1829	9.372	2.2014	18.1594	2.20969
13000	-1.3211	0.7002	5.3731	1.1832	9.421	2.2068	18.1637	2.21550
13100	-1.2972	0.7285	5.3766	1.1834	9.470	2.2121	18.1682	2.22134
13200	-1.2735	0.7565	5.3800	1.1836	9.518	2.2174	18.1731	2.22720
13300	-1.2500	0.7843	5.3834	1.1841	9.567	2.2228	18.1783	2.23308
13400	-1.2267	0.8120	5.3868	1.1844	9.616	2.2281	18.1837	2.23898
13500	-1.2035	0.8394	5.3902	1.1844	9.664	2.2335	18.1893	2.24490
13600	-1.1806	0.8666	5.3935	1.1849	9.713	2.2388	18.1952	2.25085
13700	-1.1578	0.8936	5.3968	1.1853	9.762	2.2441	18.2010	2.25681
13800	-1.1352	0.9204	5.4001	1.1855	9.810	2.2495	18.2072	2.26278
13900	-1.1128	0.9469	5.4034	1.1844	9.852	2.2548	18.2133	2.26876
14000	-1.0903	0.9736	5.4067	1.1865	9.908	2.2600	18.2213	2.27466
14100	-1.0686	0.9994	5.4099	1.1886	9.964	2.2654	18.2262	2.28076
14200	-1.0467	1.0253	5.4131	1.1871	10.005	2.2707	18.2329	2.28678
14300	-1.0251	1.0510	5.4164	1.1875	10.053	2.2760	18.2395	2.29281
14400	-1.0036	1.0766	5.4195	1.1880	10.102	2.2813	18.2463	2.29885
14500	-0.9823	1.1019	5.4227	1.1883	10.150	2.2865	18.2531	2.30490
14600	-0.9612	1.1269	5.4258	1.1888	10.199	2.2918	18.2596	2.31095
14700	-0.9403	1.1518	5.4290	1.1892	10.247	2.2970	18.2664	2.31702
14800	-0.9195	1.1765	5.4321	1.1895	10.295	2.3022	18.2732	2.32309
14900	-0.8989	1.2010	5.4352	1.1899	10.343	2.3074	18.2799	2.32916
15000	-0.8786	1.2252	5.4382	1.1902	10.391	2.3126	18.2868	2.33523

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
3900	-6.9971	-5.6982	4.7938	1.0764	3.912	1.3941	15.9482	1.39406
4000	-6.7540	-5.4365	4.8165	1.0774	3.998	1.4186	16.3860	1.41862
4100	-6.5231	-5.1875	4.8380	1.0794	4.086	1.4429	16.7968	1.44293
4200	-6.3040	-4.9507	4.8583	1.0814	4.174	1.4669	17.1804	1.46693
4300	-6.0955	-4.7251	4.8775	1.0835	4.262	1.4906	17.5404	1.49065
4400	-5.8979	-4.5107	4.8957	1.0856	4.349	1.5140	17.8747	1.51398
4500	-5.7096	-4.3061	4.9130	1.0878	4.436	1.5370	18.1882	1.53701
4600	-5.5310	-4.1116	4.9294	1.0901	4.522	1.5596	18.4783	1.55963
4700	-5.3612	-3.9263	4.9451	1.0923	4.608	1.5819	18.7481	1.58185
4800	-5.1996	-3.7497	4.9600	1.0946	4.694	1.6037	18.9984	1.60369
4900	-5.0459	-3.5812	4.9742	1.0970	4.779	1.6251	19.2306	1.62511
5000	-4.9000	-3.4210	4.9877	1.0994	4.864	1.6461	19.4433	1.64607
5100	-4.7605	-3.2675	5.0008	1.1019	4.949	1.6668	19.6425	1.66677
5200	-4.6288	-3.1221	5.0131	1.1046	5.033	1.6867	19.8207	1.68674
5300	-4.5036	-2.9837	5.0249	1.1072	5.117	1.7062	19.9826	1.70621
5400	-4.3848	-2.8519	5.0362	1.1100	5.200	1.7251	20.1283	1.72513
5500	-4.2718	-2.7264	5.0470	1.1128	5.282	1.7435	20.2590	1.74353
5600	-4.1647	-2.6070	5.0573	1.1157	5.365	1.7614	20.3745	1.76136
5700	-4.0630	-2.4934	5.0671	1.1188	5.446	1.7786	20.4759	1.77861
5800	-3.9667	-2.3855	5.0765	1.1220	5.527	1.7952	20.5626	1.79524
5900	-3.8755	-2.2830	5.0855	1.1254	5.608	1.8113	20.6353	1.81125
6000	-3.7893	-2.1859	5.0940	1.1291	5.689	1.8266	20.6942	1.82661
6100	-3.7081	-2.0940	5.1021	1.1331	5.769	1.8413	20.7396	1.84126
6200	-3.6316	-2.0072	5.1099	1.1372	5.848	1.8552	20.7717	1.85520
6300	-3.5595	-1.9251	5.1172	1.1414	5.927	1.8684	20.7911	1.86844
6400	-3.4918	-1.8476	5.1242	1.1460	6.006	1.8810	20.7978	1.88095
6500	-3.4281	-1.7745	5.1308	1.1509	6.085	1.8927	20.7929	1.89273
6600	-3.3684	-1.7057	5.1371	1.1560	6.163	1.9038	20.7765	1.90379
6700	-3.3125	-1.6409	5.1431	1.1614	6.241	1.9141	20.7490	1.91410
6800	-3.2601	-1.5799	5.1487	1.1670	6.318	1.9237	20.7112	1.92369
6900	-3.2110	-1.5224	5.1541	1.1728	6.395	1.9326	20.6645	1.93260
7000	-3.1650	-1.4683	5.1591	1.1788	6.471	1.9408	20.6085	1.94082
7100	-3.1218	-1.4173	5.1640	1.1848	6.547	1.9484	20.5451	1.94839
7200	-3.0812	-1.3691	5.1686	1.1905	6.620	1.9553	20.4749	1.95537
7300	-3.0429	-1.3233	5.1729	1.1961	6.693	1.9618	20.3995	1.96180
7400	-3.0066	-1.2798	5.1771	1.2014	6.764	1.9677	20.3192	1.96772
7500	-2.9721	-1.2383	5.1812	1.2062	6.832	1.9732	20.2354	1.97317
7600	-2.9392	-1.1985	5.1851	1.2101	6.897	1.9782	20.1491	1.97823
7700	-2.9075	-1.1601	5.1888	1.2135	6.961	1.9829	20.0611	1.98295
7800	-2.8770	-1.1230	5.1925	1.2161	7.021	1.9873	19.9725	1.98738
7900	-2.8473	-1.0869	5.1961	1.2178	7.078	1.9915	19.8841	1.99156
8000	-2.8183	-1.0516	5.1997	1.2187	7.133	1.9955	19.7966	1.99555
8100	-2.7899	-1.0169	5.2032	1.2190	7.185	1.9993	19.7105	1.99939
8200	-2.7619	-0.9828	5.2067	1.2186	7.235	2.0030	19.6266	2.00311
8300	-2.7342	-0.9490	5.2101	1.2176	7.282	2.0066	19.5450	2.00675
8400	-2.7066	-0.9155	5.2136	1.2162	7.328	2.0102	19.4663	2.01035
8500	-2.6792	-0.8822	5.2170	1.2146	7.374	2.0138	19.3906	2.01392
8600	-2.6519	-0.8490	5.2205	1.2127	7.417	2.0173	19.3184	2.01749
8700	-2.6245	-0.8158	5.2239	1.2104	7.460	2.0209	19.2496	2.02110
8800	-2.5971	-0.7827	5.2274	1.2080	7.502	2.0245	19.1845	2.02474
8900	-2.5696	-0.7495	5.2309	1.2057	7.544	2.0282	19.1228	2.02843
9000	-2.5420	-0.7162	5.2345	1.2035	7.586	2.0319	19.0650	2.03218
9100	-2.5143	-0.6829	5.2380	1.2011	7.628	2.0357	19.0106	2.03602
9200	-2.4864	-0.6495	5.2416	1.1989	7.670	2.0396	18.9600	2.03993
9300	-2.4584	-0.6160	5.2452	1.1969	7.712	2.0435	18.9127	2.04392

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-2.4304	-0.5824	5.2489	1.1949	7.755	2.0475	18.8689	2.04800
9500	-2.4022	-0.5487	5.2525	1.1929	7.797	2.0516	18.8283	2.05218
9600	-2.3738	-0.5150	5.2562	1.1910	7.840	2.0558	18.7910	2.05646
9700	-2.3454	-0.4811	5.2599	1.1894	7.884	2.0601	18.7568	2.06083
9800	-2.3169	-0.4472	5.2637	1.1878	7.927	2.0645	18.7256	2.06529
9900	-2.2883	-0.4133	5.2674	1.1864	7.972	2.0690	18.6971	2.06985
10000	-2.2596	-0.3793	5.2712	1.1852	8.017	2.0735	18.6713	2.07449
10100	-2.2310	-0.3454	5.2750	1.1838	8.061	2.0782	18.6480	2.07923
10200	-2.2022	-0.3113	5.2788	1.1826	8.106	2.0829	18.6275	2.08408
10300	-2.1735	-0.2774	5.2826	1.1818	8.152	2.0877	18.6087	2.08899
10400	-2.1448	-0.2435	5.2864	1.1809	8.198	2.0926	18.5924	2.09400
10500	-2.1161	-0.2096	5.2902	1.1803	8.245	2.0975	18.5779	2.09908
10600	-2.0874	-0.1758	5.2940	1.1796	8.291	2.1025	18.5655	2.10424
10700	-2.0588	-0.1420	5.2978	1.1788	8.338	2.1076	18.5546	2.10947
10800	-2.0303	-0.1084	5.3017	1.1783	8.385	2.1127	18.5456	2.11478
10900	-2.0018	-0.0749	5.3055	1.1779	8.433	2.1179	18.5379	2.12015
11000	-1.9734	-0.0415	5.3093	1.1775	8.480	2.1232	18.5318	2.12560
11100	-1.9451	-0.0081	5.3131	1.1772	8.528	2.1285	18.5272	2.13111
11200	-1.9170	0.0250	5.3169	1.1769	8.576	2.1339	18.5237	2.13668
11300	-1.8889	0.0580	5.3208	1.1767	8.625	2.1393	18.5213	2.14231
11400	-1.8611	0.0908	5.3245	1.1766	8.673	2.1447	18.5200	2.14799
11500	-1.8333	0.1235	5.3283	1.1766	8.723	2.1502	18.5198	2.15372
11600	-1.8057	0.1559	5.3321	1.1764	8.771	2.1557	18.5204	2.15949
11700	-1.7782	0.1883	5.3359	1.1765	8.820	2.1612	18.5221	2.16533
11800	-1.7509	0.2204	5.3396	1.1765	8.869	2.1668	18.5243	2.17120
11900	-1.7238	0.2523	5.3434	1.1764	8.918	2.1724	18.5274	2.17712
12000	-1.6969	0.2840	5.3471	1.1766	8.968	2.1781	18.5310	2.18308
12100	-1.6701	0.3154	5.3508	1.1768	9.017	2.1837	18.5354	2.18908
12200	-1.6435	0.3467	5.3545	1.1772	9.068	2.1894	18.5402	2.19510
12300	-1.6172	0.3778	5.3581	1.1773	9.117	2.1951	18.5457	2.20117
12400	-1.5910	0.4086	5.3618	1.1774	9.166	2.2008	18.5516	2.20726
12500	-1.5650	0.4392	5.3654	1.1776	9.216	2.2065	18.5577	2.21338
12600	-1.5392	0.4696	5.3691	1.1779	9.266	2.2122	18.5643	2.21954
12700	-1.5136	0.4997	5.3726	1.1783	9.316	2.2179	18.5713	2.22571
12800	-1.4882	0.5296	5.3762	1.1786	9.366	2.2237	18.5786	2.23192
12900	-1.4631	0.5593	5.3798	1.1789	9.416	2.2294	18.5862	2.23814
13000	-1.4381	0.5888	5.3833	1.1793	9.466	2.2352	18.5939	2.24438
13100	-1.4134	0.6179	5.3868	1.1797	9.516	2.2409	18.6018	2.25064
13200	-1.3888	0.6469	5.3903	1.1799	9.566	2.2466	18.6100	2.25692
13300	-1.3644	0.6756	5.3938	1.1804	9.616	2.2524	18.6183	2.26322
13400	-1.3403	0.7041	5.3972	1.1809	9.666	2.2581	18.6267	2.26954
13500	-1.3164	0.7324	5.4007	1.1811	9.716	2.2639	18.6353	2.27586
13600	-1.2927	0.7604	5.4041	1.1816	9.766	2.2696	18.6439	2.28221
13700	-1.2692	0.7882	5.4075	1.1821	9.816	2.2753	18.6526	2.28856
13800	-1.2459	0.8157	5.4108	1.1824	9.866	2.2810	18.6615	2.29492
13900	-1.2228	0.8430	5.4142	1.1812	9.908	2.2867	18.6703	2.30128
14000	-1.1996	0.8704	5.4175	1.1834	9.965	2.2923	18.6807	2.30755
14100	-1.1773	0.8969	5.4208	1.1858	10.024	2.2980	18.6879	2.31404
14200	-1.1548	0.9235	5.4241	1.1842	10.065	2.3037	18.6967	2.32045
14300	-1.1325	0.9499	5.4273	1.1847	10.115	2.3093	18.7054	2.32684
14400	-1.1105	0.9760	5.4305	1.1854	10.165	2.3149	18.7143	2.33324
14500	-1.0886	1.0020	5.4337	1.1857	10.214	2.3205	18.7231	2.33965
14600	-1.0670	1.0278	5.4369	1.1862	10.264	2.3261	18.7317	2.34605
14700	-1.0455	1.0531	5.4401	1.1868	10.314	2.3317	18.7404	2.35247
14800	-1.0242	1.0783	5.4432	1.1872	10.363	2.3372	18.7491	2.35888

S/R= 59.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-1.0032	1.1033	5.4464	1.1876	10.412	2.3427	18.7575	2.36529
15000	-0.9823	1.1281	5.4495	1.1878	10.460	2.3482	18.7659	2.37170

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.8283	-5.5027	4.8368	1.0784	4.038	1.4454	17.1675	1.44541
4100	-6.5970	-5.2532	4.8577	1.0794	4.125	1.4703	17.5761	1.47029
4200	-6.3777	-5.0163	4.8775	1.0815	4.214	1.4948	17.9567	1.49483
4300	-6.1693	-4.7907	4.8962	1.0836	4.302	1.5191	18.3131	1.51905
4400	-5.9719	-4.5765	4.9140	1.0858	4.390	1.5429	18.6429	1.54285
4500	-5.7842	-4.3725	4.9308	1.0880	4.478	1.5663	18.9510	1.56632
4600	-5.6062	-4.1786	4.9469	1.0904	4.566	1.5893	19.2352	1.58933
4700	-5.4373	-3.9942	4.9621	1.0927	4.653	1.6119	19.4983	1.61191
4800	-5.2768	-3.8187	4.9766	1.0950	4.739	1.6341	19.7413	1.63405
4900	-5.1244	-3.6516	4.9905	1.0976	4.826	1.6557	19.9649	1.65572
5000	-4.9800	-3.4929	5.0036	1.1001	4.911	1.6769	20.1683	1.67687
5100	-4.8421	-3.3411	5.0163	1.1027	4.997	1.6977	20.3575	1.69771
5200	-4.7123	-3.1977	5.0283	1.1056	5.082	1.7178	20.5245	1.71777
5300	-4.5893	-3.0616	5.0397	1.1084	5.166	1.7372	20.6737	1.73723
5400	-4.4727	-2.9322	5.0506	1.1114	5.250	1.7561	20.8066	1.75612
5500	-4.3625	-2.8095	5.0610	1.1145	5.333	1.7744	20.9226	1.77436
5600	-4.2581	-2.6930	5.0709	1.1178	5.416	1.7920	21.0228	1.79198
5700	-4.1596	-2.5827	5.0803	1.1212	5.498	1.8089	21.1071	1.80892
5800	-4.0666	-2.4783	5.0893	1.1248	5.580	1.8252	21.1756	1.82516
5900	-3.9791	-2.3797	5.0978	1.1287	5.662	1.8407	21.2290	1.84066
6000	-3.8968	-2.2866	5.1059	1.1330	5.743	1.8554	21.2673	1.85543
6100	-3.8197	-2.1991	5.1135	1.1376	5.824	1.8694	21.2905	1.86937
6200	-3.7476	-2.1168	5.1208	1.1424	5.905	1.8825	21.2997	1.88253
6300	-3.6801	-2.0396	5.1276	1.1476	5.985	1.8949	21.2947	1.89487
6400	-3.6171	-1.9671	5.1341	1.1531	6.065	1.9064	21.2769	1.90640
6500	-3.5583	-1.8992	5.1402	1.1590	6.146	1.9171	21.2460	1.91711
6600	-3.5036	-1.8356	5.1459	1.1651	6.225	1.9270	21.2032	1.92702
6700	-3.4526	-1.7760	5.1514	1.1714	6.304	1.9361	21.1499	1.93615
6800	-3.4051	-1.7201	5.1565	1.1781	6.383	1.9445	21.0867	1.94454
6900	-3.3607	-1.6678	5.1614	1.1848	6.460	1.9522	21.0141	1.95220
7000	-3.3193	-1.6185	5.1660	1.1912	6.536	1.9592	20.9341	1.95919
7100	-3.2804	-1.5720	5.1703	1.1974	6.610	1.9656	20.8479	1.96558
7200	-3.2437	-1.5280	5.1745	1.2032	6.683	1.9714	20.7566	1.97143
7300	-3.2089	-1.4860	5.1785	1.2084	6.753	1.9768	20.6616	1.97679
7400	-3.1757	-1.4459	5.1823	1.2129	6.820	1.9817	20.5640	1.98171
7500	-3.1440	-1.4073	5.1861	1.2163	6.883	1.9863	20.4649	1.98628
7600	-3.1132	-1.3699	5.1897	1.2186	6.943	1.9905	20.3658	1.99056
7700	-3.0834	-1.3335	5.1933	1.2202	7.000	1.9946	20.2673	1.99461
7800	-3.0542	-1.2978	5.1968	1.2208	7.054	1.9984	20.1704	1.99847
7900	-3.0255	-1.2628	5.2003	1.2203	7.104	2.0021	20.0753	2.00219
8000	-2.9971	-1.2281	5.2038	1.2192	7.152	2.0058	19.9833	2.00582
8100	-2.9689	-1.1937	5.2072	1.2177	7.199	2.0093	19.8945	2.00940
8200	-2.9407	-1.1595	5.2107	1.2155	7.243	2.0129	19.8094	2.01296
8300	-2.9126	-1.1254	5.2142	1.2130	7.286	2.0164	19.7281	2.01653
8400	-2.8844	-1.0912	5.2177	1.2105	7.329	2.0200	19.6510	2.02013
8500	-2.8561	-1.0570	5.2212	1.2077	7.370	2.0236	19.5782	2.02377
8600	-2.8277	-1.0227	5.2248	1.2049	7.412	2.0273	19.5097	2.02748
8700	-2.7990	-0.9882	5.2283	1.2021	7.453	2.0311	19.4455	2.03127
8800	-2.7702	-0.9536	5.2320	1.1994	7.494	2.0349	19.3858	2.03516

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8900	-2.7412	-0.9188	5.2356	1.1966	7.535	2.0389	19.3303	2.03914
9000	-2.7119	-0.8838	5.2393	1.1941	7.577	2.0429	19.2788	2.04323
9100	-2.6825	-0.8487	5.2431	1.1918	7.619	2.0471	19.2314	2.04743
9200	-2.6528	-0.8134	5.2468	1.1896	7.662	2.0513	19.1879	2.05174
9300	-2.6230	-0.7780	5.2506	1.1876	7.705	2.0557	19.1482	2.05615
9400	-2.5931	-0.7425	5.2544	1.1856	7.749	2.0602	19.1119	2.06068
9500	-2.5630	-0.7068	5.2583	1.1837	7.792	2.0647	19.0796	2.06533
9600	-2.5327	-0.6710	5.2622	1.1820	7.836	2.0694	19.0501	2.07009
9700	-2.5023	-0.6351	5.2661	1.1806	7.881	2.0742	19.0240	2.07495
9800	-2.4719	-0.5992	5.2700	1.1793	7.927	2.0791	19.0004	2.07991
9900	-2.4414	-0.5633	5.2739	1.1782	7.973	2.0841	18.9799	2.08499
10000	-2.4109	-0.5273	5.2779	1.1771	8.019	2.0891	18.9620	2.09016
10100	-2.3804	-0.4914	5.2819	1.1759	8.065	2.0943	18.9466	2.09543
10200	-2.3497	-0.4554	5.2858	1.1751	8.112	2.0995	18.9336	2.10081
10300	-2.3192	-0.4196	5.2898	1.1744	8.160	2.1049	18.9225	2.10626
10400	-2.2887	-0.3838	5.2938	1.1737	8.207	2.1103	18.9136	2.11180
10500	-2.2583	-0.3480	5.2978	1.1734	8.256	2.1157	18.9063	2.11741
10600	-2.2279	-0.3124	5.3018	1.1729	8.305	2.1213	18.9009	2.12310
10700	-2.1977	-0.2769	5.3058	1.1722	8.352	2.1269	18.8969	2.12887
10800	-2.1675	-0.2416	5.3098	1.1719	8.401	2.1325	18.8946	2.13472
10900	-2.1374	-0.2063	5.3137	1.1718	8.451	2.1383	18.8937	2.14063
11000	-2.1075	-0.1713	5.3177	1.1716	8.500	2.1440	18.8940	2.14660
11100	-2.0777	-0.1364	5.3217	1.1714	8.550	2.1498	18.8954	2.15263
11200	-2.0481	-0.1017	5.3256	1.1713	8.600	2.1557	18.8980	2.15871
11300	-2.0186	-0.0672	5.3296	1.1713	8.650	2.1616	18.9016	2.16485
11400	-1.9894	-0.0329	5.3335	1.1714	8.700	2.1675	18.9059	2.17104
11500	-1.9602	0.0012	5.3374	1.1714	8.750	2.1735	18.9113	2.17728
11600	-1.9313	0.0351	5.3413	1.1714	8.800	2.1795	18.9173	2.18356
11700	-1.9026	0.0687	5.3452	1.1717	8.851	2.1855	18.9241	2.18989
11800	-1.8741	0.1022	5.3491	1.1719	8.902	2.1916	18.9311	2.19625
11900	-1.8458	0.1353	5.3529	1.1719	8.952	2.1977	18.9390	2.20265
12000	-1.8177	0.1683	5.3567	1.1723	9.004	2.2037	18.9475	2.20908
12100	-1.7898	0.2009	5.3605	1.1727	9.055	2.2099	18.9562	2.21554
12200	-1.7621	0.2334	5.3643	1.1729	9.106	2.2160	18.9655	2.22205
12300	-1.7347	0.2656	5.3681	1.1731	9.157	2.2221	18.9751	2.22857
12400	-1.7075	0.2975	5.3718	1.1735	9.208	2.2283	18.9849	2.23512
12500	-1.6805	0.3292	5.3756	1.1739	9.259	2.2344	18.9950	2.24169
12600	-1.6538	0.3605	5.3792	1.1742	9.310	2.2406	19.0054	2.24829
12700	-1.6273	0.3917	5.3829	1.1746	9.362	2.2467	19.0161	2.25490
12800	-1.6010	0.4226	5.3866	1.1750	9.413	2.2529	19.0269	2.26153
12900	-1.5749	0.4532	5.3902	1.1755	9.464	2.2590	19.0378	2.26819
13000	-1.5491	0.4835	5.3938	1.1760	9.516	2.2652	19.0487	2.27486
13100	-1.5235	0.5136	5.3974	1.1765	9.568	2.2713	19.0598	2.28154
13200	-1.4982	0.5434	5.4009	1.1768	9.618	2.2775	19.0709	2.28823
13300	-1.4731	0.5730	5.4045	1.1772	9.669	2.2836	19.0821	2.29493
13400	-1.4482	0.6023	5.4080	1.1779	9.721	2.2897	19.0934	2.30165
13500	-1.4236	0.6313	5.4115	1.1783	9.772	2.2958	19.1046	2.30837
13600	-1.3992	0.6601	5.4149	1.1787	9.823	2.3019	19.1159	2.31511
13700	-1.3750	0.6886	5.4184	1.1793	9.875	2.3080	19.1271	2.32184
13800	-1.3510	0.7168	5.4218	1.1799	9.926	2.3141	19.1382	2.32859
13900	-1.3273	0.7448	5.4252	1.1785	9.969	2.3201	19.1493	2.33534
14000	-1.3035	0.7728	5.4286	1.1808	10.028	2.3260	19.1619	2.34196
14100	-1.2806	0.8000	5.4319	1.1834	10.088	2.3322	19.1713	2.34884
14200	-1.2576	0.8272	5.4352	1.1818	10.130	2.3382	19.1823	2.35560
14300	-1.2347	0.8542	5.4385	1.1822	10.180	2.3442	19.1928	2.36235

S/R= 60.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14400	-1.2121	0.8809	5.4417	1.1831	10.232	2.3501	19.2035	2.36911
14500	-1.1898	0.9074	5.4450	1.1835	10.283	2.3560	19.2141	2.37586
14600	-1.1676	0.9336	5.4482	1.1841	10.333	2.3619	19.2245	2.38261
14700	-1.1457	0.9596	5.4514	1.1847	10.384	2.3678	19.2348	2.38937
14800	-1.1239	0.9854	5.4546	1.1852	10.435	2.3737	19.2448	2.39612
14900	-1.1024	1.0109	5.4577	1.1858	10.485	2.3795	19.2548	2.40286
15000	-1.0811	1.0361	5.4609	1.1860	10.534	2.3853	19.2645	2.40960

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.9007	-5.5670	4.8561	1.0784	4.075	1.4723	17.9509	1.47227
4100	-6.6693	-5.3175	4.8766	1.0795	4.163	1.4977	18.3569	1.49769
4200	-6.4500	-5.0806	4.8959	1.0816	4.253	1.5227	18.7335	1.52274
4300	-6.2419	-4.8552	4.9142	1.0838	4.343	1.5474	19.0851	1.54743
4400	-6.0451	-4.6417	4.9315	1.0860	4.432	1.5717	19.4094	1.57167
4500	-5.8581	-4.4384	4.9479	1.0883	4.520	1.5955	19.7113	1.59552
4600	-5.6811	-4.2455	4.9635	1.0908	4.609	1.6189	19.9883	1.61888
4700	-5.5133	-4.0623	4.9784	1.0932	4.697	1.6418	20.2434	1.64176
4800	-5.3542	-3.8882	4.9925	1.0957	4.784	1.6641	20.4772	1.66413
4900	-5.2035	-3.7228	5.0060	1.0983	4.871	1.6860	20.6908	1.68597
5000	-5.0609	-3.5660	5.0188	1.1010	4.957	1.7073	20.8835	1.70727
5100	-4.9251	-3.4164	5.0310	1.1038	5.044	1.7281	21.0605	1.72815
5200	-4.7977	-3.2756	5.0426	1.1069	5.130	1.7482	21.2138	1.74816
5300	-4.6773	-3.1420	5.0537	1.1100	5.215	1.7675	21.3491	1.76755
5400	-4.5636	-3.0157	5.0641	1.1133	5.299	1.7862	21.4658	1.78623
5500	-4.4565	-2.8963	5.0741	1.1167	5.383	1.8042	21.5650	1.80421
5600	-4.3557	-2.7835	5.0836	1.1204	5.467	1.8214	21.6464	1.82143
5700	-4.2609	-2.6771	5.0925	1.1243	5.550	1.8379	21.7106	1.83789
5800	-4.1720	-2.5770	5.1010	1.1285	5.633	1.8535	21.7576	1.85353
5900	-4.0888	-2.4829	5.1091	1.1331	5.715	1.8683	21.7879	1.86835
6000	-4.0112	-2.3947	5.1166	1.1382	5.798	1.8823	21.8018	1.88229
6100	-3.9390	-2.3124	5.1238	1.1437	5.880	1.8953	21.7995	1.89532
6200	-3.8720	-2.2355	5.1305	1.1495	5.962	1.9074	21.7817	1.90743
6300	-3.8097	-2.1638	5.1368	1.1557	6.044	1.9187	21.7495	1.91866
6400	-3.7521	-2.0970	5.1427	1.1625	6.126	1.9290	21.7031	1.92898
6500	-3.6988	-2.0348	5.1482	1.1695	6.207	1.9384	21.6438	1.93843
6600	-3.6493	-1.9768	5.1535	1.1767	6.288	1.9470	21.5731	1.94704
6700	-3.6035	-1.9227	5.1584	1.1841	6.368	1.9549	21.4926	1.95488
6800	-3.5609	-1.8721	5.1630	1.1916	6.447	1.9619	21.4027	1.96195
6900	-3.5212	-1.8247	5.1673	1.1986	6.524	1.9683	21.3057	1.96835
7000	-3.4840	-1.7799	5.1715	1.2048	6.598	1.9741	21.2031	1.97415
7100	-3.4488	-1.7374	5.1755	1.2107	6.670	1.9794	21.0965	1.97944
7200	-3.4154	-1.6968	5.1793	1.2156	6.739	1.9843	20.9873	1.98427
7300	-3.3834	-1.6579	5.1830	1.2190	6.803	1.9887	20.8768	1.98872
7400	-3.3525	-1.6202	5.1866	1.2214	6.863	1.9929	20.7665	1.99288
7500	-3.3224	-1.5834	5.1901	1.2223	6.919	1.9968	20.6573	1.99681
7600	-3.2929	-1.5473	5.1936	1.2224	6.972	2.0005	20.5504	2.00056
7700	-3.2638	-1.5118	5.1971	1.2217	7.021	2.0042	20.4462	2.00420
7800	-3.2350	-1.4766	5.2006	1.2199	7.068	2.0077	20.3457	2.00776
7900	-3.2062	-1.4415	5.2040	1.2174	7.112	2.0112	20.2493	2.01129
8000	-3.1774	-1.4065	5.2075	1.2147	7.155	2.0148	20.1573	2.01482
8100	-3.1485	-1.3715	5.2110	1.2118	7.198	2.0183	20.0702	2.01840
8200	-3.1195	-1.3363	5.2146	1.2083	7.238	2.0219	19.9883	2.02203
8300	-3.0901	-1.3009	5.2182	1.2049	7.278	2.0256	19.9113	2.02574

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-3.0606	-1.2653	5.2218	1.2017	7.319	2.0294	19.8394	2.02955
8500	-3.0307	-1.2295	5.2255	1.1983	7.359	2.0333	19.7725	2.03346
8600	-3.0006	-1.1934	5.2292	1.1951	7.400	2.0373	19.7107	2.03748
8700	-2.9701	-1.1571	5.2330	1.1923	7.441	2.0414	19.6539	2.04164
8800	-2.9393	-1.1204	5.2368	1.1894	7.483	2.0457	19.6019	2.04593
8900	-2.9083	-1.0836	5.2406	1.1868	7.525	2.0500	19.5543	2.05034
9000	-2.8771	-1.0465	5.2445	1.1845	7.568	2.0545	19.5114	2.05488
9100	-2.8455	-1.0092	5.2485	1.1822	7.611	2.0592	19.4728	2.05956
9200	-2.8138	-0.9717	5.2524	1.1802	7.655	2.0639	19.4378	2.06438
9300	-2.7819	-0.9341	5.2564	1.1783	7.699	2.0688	19.4070	2.06931
9400	-2.7498	-0.8963	5.2605	1.1766	7.745	2.0738	19.3798	2.07438
9500	-2.7176	-0.8584	5.2645	1.1751	7.790	2.0789	19.3561	2.07956
9600	-2.6852	-0.8204	5.2686	1.1736	7.836	2.0841	19.3355	2.08488
9700	-2.6528	-0.7824	5.2727	1.1725	7.883	2.0895	19.3180	2.09029
9800	-2.6204	-0.7444	5.2769	1.1715	7.931	2.0949	19.3031	2.09582
9900	-2.5879	-0.7063	5.2810	1.1706	7.978	2.1005	19.2910	2.10146
10000	-2.5553	-0.6683	5.2851	1.1697	8.026	2.1061	19.2814	2.10721
10100	-2.5229	-0.6303	5.2893	1.1688	8.074	2.1118	19.2740	2.11304
10200	-2.4904	-0.5923	5.2935	1.1684	8.124	2.1176	19.2688	2.11898
10300	-2.4580	-0.5545	5.2976	1.1678	8.173	2.1235	19.2655	2.12499
10400	-2.4257	-0.5168	5.3018	1.1675	8.223	2.1294	19.2640	2.13109
10500	-2.3936	-0.4793	5.3059	1.1671	8.273	2.1355	19.2641	2.13727
10600	-2.3615	-0.4419	5.3101	1.1667	8.322	2.1416	19.2658	2.14352
10700	-2.3295	-0.4046	5.3142	1.1666	8.373	2.1477	19.2689	2.14984
10800	-2.2978	-0.3675	5.3184	1.1665	8.424	2.1539	19.2733	2.15623
10900	-2.2662	-0.3307	5.3225	1.1664	8.474	2.1601	19.2786	2.16267
11000	-2.2347	-0.2940	5.3266	1.1663	8.525	2.1664	19.2851	2.16917
11100	-2.2035	-0.2576	5.3307	1.1663	8.576	2.1728	19.2927	2.17573
11200	-2.1724	-0.2213	5.3348	1.1665	8.628	2.1791	19.3010	2.18233
11300	-2.1416	-0.1854	5.3389	1.1666	8.680	2.1855	19.3102	2.18900
11400	-2.1110	-0.1497	5.3429	1.1667	8.732	2.1920	19.3199	2.19569
11500	-2.0806	-0.1142	5.3469	1.1670	8.784	2.1984	19.3305	2.20244
11600	-2.0504	-0.0790	5.3510	1.1672	8.835	2.2049	19.3415	2.20922
11700	-2.0205	-0.0440	5.3549	1.1675	8.888	2.2114	19.3532	2.21603
11800	-1.9908	-0.0094	5.3589	1.1678	8.940	2.2179	19.3651	2.22288
11900	-1.9614	0.0250	5.3628	1.1680	8.992	2.2245	19.3775	2.22975
12000	-1.9322	0.0591	5.3668	1.1684	9.044	2.2311	19.3902	2.23667
12100	-1.9032	0.0929	5.3707	1.1690	9.098	2.2376	19.4031	2.24359
12200	-1.8746	0.1265	5.3745	1.1693	9.150	2.2442	19.4164	2.25056
12300	-1.8461	0.1597	5.3784	1.1695	9.202	2.2508	19.4299	2.25754
12400	-1.8180	0.1926	5.3822	1.1700	9.254	2.2573	19.4435	2.26453
12500	-1.7901	0.2253	5.3860	1.1706	9.307	2.2639	19.4573	2.27154
12600	-1.7625	0.2576	5.3898	1.1710	9.360	2.2705	19.4710	2.27858
12700	-1.7351	0.2897	5.3935	1.1715	9.412	2.2771	19.4849	2.28562
12800	-1.7079	0.3215	5.3972	1.1720	9.465	2.2836	19.4988	2.29268
12900	-1.6811	0.3530	5.4009	1.1725	9.517	2.2902	19.5129	2.29976
13000	-1.6545	0.3841	5.4046	1.1730	9.570	2.2967	19.5268	2.30684
13100	-1.6282	0.4150	5.4082	1.1737	9.623	2.3033	19.5409	2.31392
13200	-1.6021	0.4456	5.4118	1.1741	9.675	2.3098	19.5547	2.32102
13300	-1.5763	0.4760	5.4154	1.1745	9.727	2.3163	19.5684	2.32812
13400	-1.5507	0.5060	5.4190	1.1753	9.781	2.3228	19.5820	2.33523
13500	-1.5254	0.5357	5.4225	1.1758	9.833	2.3293	19.5957	2.34233
13600	-1.5004	0.5652	5.4260	1.1763	9.885	2.3358	19.6093	2.34946
13700	-1.4756	0.5943	5.4295	1.1770	9.938	2.3422	19.6227	2.35657
13800	-1.4511	0.6232	5.4329	1.1776	9.990	2.3486	19.6362	2.36369

S/R= 61.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-1.4268	0.6518	5.4364	1.1761	10.034	2.3550	19.6490	2.37080
14000	-1.4024	0.6805	5.4398	1.1787	10.094	2.3613	19.6636	2.37777
14100	-1.3790	0.7082	5.4431	1.1813	10.155	2.3678	19.6749	2.38503
14200	-1.3554	0.7360	5.4465	1.1798	10.198	2.3741	19.6873	2.39214
14300	-1.3321	0.7635	5.4498	1.1805	10.251	2.3804	19.6997	2.39924
14400	-1.3090	0.7908	5.4531	1.1811	10.303	2.3867	19.7121	2.40634
14500	-1.2862	0.8178	5.4564	1.1817	10.355	2.3930	19.7241	2.41344
14600	-1.2636	0.8444	5.4596	1.1823	10.406	2.3992	19.7357	2.42052
14700	-1.2412	0.8709	5.4628	1.1828	10.458	2.4054	19.7474	2.42760
14800	-1.2190	0.8971	5.4660	1.1834	10.510	2.4116	19.7589	2.43468
14900	-1.1971	0.9231	5.4692	1.1842	10.562	2.4177	19.7700	2.44174
15000	-1.1754	0.9488	5.4723	1.1846	10.612	2.4238	19.7810	2.44880

S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4000	-6.9715	-5.6300	4.8747	1.0785	4.112	1.4992	18.7356	1.49916
4100	-6.7402	-5.3805	4.8947	1.0796	4.202	1.5251	19.1375	1.52509
4200	-6.5213	-5.1439	4.9135	1.0818	4.292	1.5506	19.5093	1.55061
4300	-6.3138	-4.9192	4.9313	1.0840	4.383	1.5757	19.8551	1.57574
4400	-6.1177	-4.7064	4.9482	1.0864	4.473	1.6004	20.1729	1.60037
4500	-5.9317	-4.5042	4.9643	1.0887	4.562	1.6246	20.4672	1.62457
4600	-5.7560	-4.3127	4.9795	1.0912	4.651	1.6482	20.7357	1.64820
4700	-5.5898	-4.1311	4.9939	1.0938	4.740	1.6713	20.9810	1.67131
4800	-5.4324	-3.9587	5.0077	1.0964	4.828	1.6939	21.2045	1.69386
4900	-5.2836	-3.7954	5.0207	1.0992	4.916	1.7158	21.4066	1.71582
5000	-5.1434	-3.6410	5.0331	1.1021	5.003	1.7371	21.5859	1.73713
5100	-5.0103	-3.4941	5.0450	1.1051	5.090	1.7579	21.7486	1.75793
5200	-4.8856	-3.3561	5.0562	1.1085	5.177	1.7778	21.8868	1.77783
5300	-4.7684	-3.2260	5.0668	1.1119	5.262	1.7969	22.0044	1.79695
5400	-4.6583	-3.1033	5.0768	1.1156	5.348	1.8153	22.1026	1.81530
5500	-4.5550	-2.9879	5.0863	1.1195	5.432	1.8328	22.1812	1.83283
5600	-4.4583	-2.8795	5.0953	1.1238	5.517	1.8495	22.2404	1.84948
5700	-4.3681	-2.7779	5.1038	1.1284	5.601	1.8652	22.2808	1.86525
5800	-4.2841	-2.6829	5.1118	1.1334	5.685	1.8801	22.3024	1.88008
5900	-4.2061	-2.5943	5.1193	1.1389	5.769	1.8940	22.3056	1.89396
6000	-4.1339	-2.5118	5.1263	1.1450	5.853	1.9068	22.2911	1.90684
6100	-4.0674	-2.4355	5.1328	1.1517	5.937	1.9187	22.2591	1.91869
6200	-4.0061	-2.3646	5.1390	1.1588	6.021	1.9296	22.2113	1.92957
6300	-3.9498	-2.2992	5.1447	1.1665	6.105	1.9395	22.1481	1.93945
6400	-3.8980	-2.2385	5.1500	1.1745	6.189	1.9484	22.0712	1.94839
6500	-3.8502	-2.1823	5.1550	1.1826	6.271	1.9565	21.9825	1.95646
6600	-3.8062	-2.1300	5.1597	1.1910	6.353	1.9637	21.8836	1.96371
6700	-3.7654	-2.0812	5.1641	1.1990	6.433	1.9702	21.7760	1.97019
6800	-3.7274	-2.0355	5.1682	1.2062	6.510	1.9760	21.6620	1.97601
6900	-3.6917	-1.9923	5.1722	1.2127	6.584	1.9813	21.5435	1.98126
7000	-3.6578	-1.9512	5.1760	1.2178	6.654	1.9860	21.4221	1.98603
7100	-3.6255	-1.9117	5.1796	1.2218	6.719	1.9904	21.2996	1.99040
7200	-3.5944	-1.8736	5.1832	1.2242	6.780	1.9944	21.1775	1.99446
7300	-3.5641	-1.8365	5.1867	1.2249	6.836	1.9983	21.0570	1.99829
7400	-3.5343	-1.8000	5.1902	1.2245	6.887	2.0019	20.9393	2.00195
7500	-3.5048	-1.7639	5.1937	1.2230	6.936	2.0055	20.8253	2.00551
7600	-3.4755	-1.7281	5.1971	1.2205	6.981	2.0090	20.7158	2.00901
7700	-3.4462	-1.6923	5.2006	1.2175	7.024	2.0125	20.6112	2.01250
7800	-3.4167	-1.6565	5.2041	1.2140	7.065	2.0160	20.5121	2.01604

S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-3.3870	-1.6205	5.2077	1.2102	7.106	2.0195	20.4185	2.01962
8000	-3.3570	-1.5842	5.2113	1.2063	7.145	2.0232	20.3313	2.02330
8100	-3.3266	-1.5477	5.2149	1.2023	7.185	2.0270	20.2496	2.02708
8200	-3.2959	-1.5108	5.2186	1.1984	7.224	2.0309	20.1741	2.03099
8300	-3.2647	-1.4735	5.2224	1.1948	7.264	2.0349	20.1043	2.03503
8400	-3.2332	-1.4359	5.2262	1.1914	7.305	2.0390	20.0406	2.03921
8500	-3.2012	-1.3979	5.2301	1.1879	7.345	2.0434	19.9821	2.04354
8600	-3.1689	-1.3595	5.2340	1.1849	7.387	2.0478	19.9293	2.04803
8700	-3.1362	-1.3208	5.2380	1.1821	7.429	2.0524	19.8821	2.05268
8800	-3.1032	-1.2818	5.2420	1.1795	7.472	2.0572	19.8396	2.05747
8900	-3.0699	-1.2426	5.2461	1.1773	7.517	2.0621	19.8019	2.06242
9000	-3.0363	-1.2031	5.2502	1.1750	7.561	2.0671	19.7686	2.06752
9100	-3.0024	-1.1633	5.2544	1.1730	7.606	2.0723	19.7396	2.07276
9200	-2.9684	-1.1234	5.2586	1.1714	7.652	2.0777	19.7147	2.07815
9300	-2.9342	-1.0834	5.2628	1.1697	7.698	2.0831	19.6935	2.08368
9400	-2.8998	-1.0432	5.2671	1.1685	7.745	2.0887	19.6759	2.08934
9500	-2.8654	-1.0030	5.2713	1.1673	7.793	2.0944	19.6613	2.09512
9600	-2.8309	-0.9627	5.2756	1.1662	7.841	2.1002	19.6501	2.10102
9700	-2.7963	-0.9225	5.2799	1.1652	7.890	2.1062	19.6413	2.10704
9800	-2.7618	-0.8822	5.2843	1.1644	7.939	2.1122	19.6355	2.11317
9900	-2.7272	-0.8420	5.2886	1.1639	7.989	2.1183	19.6321	2.11941
10000	-2.6927	-0.8019	5.2929	1.1632	8.039	2.1245	19.6307	2.12574
10100	-2.6583	-0.7619	5.2973	1.1627	8.089	2.1308	19.6314	2.13216
10200	-2.6240	-0.7219	5.3016	1.1624	8.140	2.1372	19.6342	2.13868
10300	-2.5898	-0.6822	5.3059	1.1621	8.191	2.1437	19.6384	2.14527
10400	-2.5557	-0.6426	5.3103	1.1618	8.242	2.1502	19.6442	2.15194
10500	-2.5218	-0.6033	5.3146	1.1617	8.294	2.1568	19.6515	2.15868
10600	-2.4881	-0.5641	5.3189	1.1617	8.346	2.1634	19.6600	2.16549
10700	-2.4546	-0.5251	5.3232	1.1616	8.398	2.1701	19.6696	2.17236
10800	-2.4213	-0.4864	5.3275	1.1616	8.451	2.1768	19.6804	2.17930
10900	-2.3882	-0.4480	5.3317	1.1617	8.503	2.1836	19.6921	2.18629
11000	-2.3553	-0.4098	5.3360	1.1618	8.556	2.1904	19.7045	2.19331
11100	-2.3226	-0.3718	5.3402	1.1619	8.608	2.1973	19.7177	2.20041
11200	-2.2902	-0.3342	5.3444	1.1623	8.662	2.2041	19.7316	2.20753
11300	-2.2581	-0.2968	5.3486	1.1626	8.716	2.2110	19.7460	2.21470
11400	-2.2262	-0.2598	5.3527	1.1628	8.768	2.2180	19.7610	2.22190
11500	-2.1946	-0.2230	5.3568	1.1630	8.821	2.2249	19.7764	2.22914
11600	-2.1633	-0.1866	5.3610	1.1635	8.875	2.2319	19.7922	2.23641
11700	-2.1322	-0.1504	5.3650	1.1639	8.929	2.2389	19.8082	2.24371
11800	-2.1014	-0.1146	5.3691	1.1644	8.983	2.2459	19.8244	2.25103
11900	-2.0710	-0.0791	5.3731	1.1647	9.036	2.2528	19.8410	2.25838
12000	-2.0407	-0.0439	5.3771	1.1651	9.090	2.2599	19.8578	2.26576
12100	-2.0108	-0.0090	5.3811	1.1657	9.144	2.2669	19.8747	2.27314
12200	-1.9812	0.0255	5.3850	1.1662	9.198	2.2739	19.8916	2.28055
12300	-1.9519	0.0598	5.3889	1.1666	9.251	2.2809	19.9086	2.28798
12400	-1.9228	0.0936	5.3928	1.1672	9.305	2.2879	19.9255	2.29541
12500	-1.8941	0.1272	5.3967	1.1677	9.359	2.2949	19.9425	2.30285
12600	-1.8656	0.1604	5.4005	1.1682	9.413	2.3019	19.9594	2.31032
12700	-1.8374	0.1934	5.4043	1.1688	9.467	2.3088	19.9766	2.31778
12800	-1.8095	0.2260	5.4081	1.1694	9.521	2.3158	19.9931	2.32525
12900	-1.7819	0.2583	5.4118	1.1700	9.575	2.3228	20.0100	2.33274
13000	-1.7546	0.2902	5.4156	1.1705	9.628	2.3297	20.0266	2.34022
13100	-1.7276	0.3218	5.4192	1.1712	9.683	2.3366	20.0430	2.34770
13200	-1.7009	0.3531	5.4229	1.1718	9.736	2.3435	20.0593	2.35519
13300	-1.6744	0.3842	5.4265	1.1723	9.789	2.3504	20.0753	2.36268

S/R= 62.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	-1.6483	0.4148	5.4301	1.1731	9.844	2.3573	20.0911	2.37017
13500	-1.6224	0.4452	5.4337	1.1736	9.897	2.3641	20.1069	2.37765
13600	-1.5967	0.4753	5.4372	1.1741	9.950	2.3710	20.1225	2.38515
13700	-1.5714	0.5051	5.4407	1.1751	10.005	2.3778	20.1378	2.39262
13800	-1.5463	0.5346	5.4442	1.1756	10.058	2.3845	20.1530	2.40011
13900	-1.5215	0.5637	5.4477	1.1742	10.103	2.3913	20.1676	2.40757
14000	-1.4966	0.5929	5.4511	1.1768	10.164	2.3978	20.1841	2.41488
14100	-1.4727	0.6212	5.4545	1.1794	10.226	2.4047	20.1966	2.42249
14200	-1.4487	0.6495	5.4579	1.1781	10.271	2.4114	20.2105	2.42995
14300	-1.4249	0.6775	5.4612	1.1789	10.324	2.4180	20.2245	2.43738
14400	-1.4014	0.7052	5.4645	1.1794	10.377	2.4246	20.2381	2.44482
14500	-1.3781	0.7326	5.4678	1.1801	10.430	2.4312	20.2514	2.45225
14600	-1.3552	0.7598	5.4711	1.1809	10.484	2.4377	20.2641	2.45965
14700	-1.3324	0.7867	5.4743	1.1813	10.535	2.4442	20.2770	2.46706
14800	-1.3098	0.8133	5.4775	1.1820	10.588	2.4507	20.2896	2.47445
14900	-1.2876	0.8396	5.4807	1.1828	10.642	2.4571	20.3018	2.48183
15000	-1.2655	0.8657	5.4839	1.1832	10.693	2.4635	20.3136	2.48919

S/R= 63.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-6.8100	-5.4426	4.9120	1.0809	4.242	1.5525	19.9169	1.55246
4200	-6.5918	-5.2067	4.9304	1.0820	4.331	1.5784	20.2829	1.57841
4300	-6.3851	-4.9829	4.9478	1.0844	4.422	1.6039	20.6219	1.60394
4400	-6.1902	-4.7713	4.9643	1.0868	4.513	1.6289	20.9317	1.62890
4500	-6.0056	-4.5704	4.9799	1.0892	4.603	1.6534	21.2171	1.65338
4600	-5.8315	-4.3805	4.9947	1.0918	4.693	1.6772	21.4759	1.67725
4700	-5.6671	-4.2008	5.0088	1.0945	4.783	1.7005	21.7103	1.70052
4800	-5.5119	-4.0307	5.0221	1.0973	4.872	1.7232	21.9212	1.72316
4900	-5.3656	-3.8700	5.0348	1.1004	4.960	1.7451	22.1091	1.74510
5000	-5.2282	-3.7185	5.0468	1.1034	5.048	1.7663	22.2733	1.76633
5100	-5.0981	-3.5748	5.0582	1.1068	5.136	1.7870	22.4192	1.78696
5200	-4.9770	-3.4405	5.0689	1.1105	5.223	1.8065	22.5382	1.80654
5300	-4.8636	-3.3144	5.0791	1.1144	5.310	1.8253	22.6358	1.82528
5400	-4.7577	-3.1961	5.0886	1.1186	5.396	1.8431	22.7114	1.84310
5500	-4.6590	-3.0856	5.0976	1.1232	5.481	1.8600	22.7658	1.85997
5600	-4.5674	-2.9824	5.1061	1.1282	5.567	1.8758	22.7989	1.87584
5700	-4.4826	-2.8865	5.1140	1.1338	5.652	1.8907	22.8111	1.89067
5800	-4.4043	-2.7975	5.1214	1.1399	5.738	1.9044	22.8030	1.90444
5900	-4.3323	-2.7152	5.1283	1.1466	5.824	1.9171	22.7748	1.91712
6000	-4.2664	-2.6394	5.1347	1.1541	5.910	1.9287	22.7276	1.92870
6100	-4.2061	-2.5696	5.1406	1.1624	5.996	1.9392	22.6630	1.93919
6200	-4.1512	-2.5055	5.1462	1.1711	6.083	1.9486	22.5820	1.94860
6300	-4.1011	-2.4466	5.1513	1.1802	6.169	1.9570	22.4865	1.95701
6400	-4.0551	-2.3921	5.1560	1.1894	6.253	1.9645	22.3792	1.96451
6500	-4.0129	-2.3417	5.1605	1.1984	6.336	1.9712	22.2615	1.97117
6600	-3.9738	-2.2947	5.1646	1.2069	6.417	1.9771	22.1362	1.97708
6700	-3.9374	-2.2505	5.1686	1.2141	6.494	1.9823	22.0055	1.98235
6800	-3.9030	-2.2087	5.1724	1.2200	6.566	1.9871	21.8715	1.98709
6900	-3.8703	-2.1687	5.1760	1.2244	6.633	1.9914	21.7362	1.99140
7000	-3.8389	-2.1301	5.1796	1.2270	6.694	1.9954	21.6017	1.99539
7100	-3.8083	-2.0926	5.1831	1.2277	6.750	1.9991	21.4691	1.99914
7200	-3.7782	-2.0556	5.1865	1.2269	6.802	2.0027	21.3399	2.00272
7300	-3.7483	-2.0190	5.1900	1.2247	6.849	2.0062	21.2151	2.00621
7400	-3.7186	-1.9826	5.1934	1.2217	6.893	2.0096	21.0959	2.00966

S/R= 63.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-3.6887	-1.9461	5.1969	1.2180	6.935	2.0131	20.9824	2.01313
7600	-3.6585	-1.9095	5.2004	1.2136	6.974	2.0166	20.8753	2.01665
7700	-3.6280	-1.8725	5.2040	1.2090	7.013	2.0202	20.7749	2.02025
7800	-3.5970	-1.8352	5.2077	1.2046	7.052	2.0239	20.6815	2.02397
7900	-3.5656	-1.7974	5.2114	1.2000	7.090	2.0277	20.5947	2.02783
8000	-3.5336	-1.7591	5.2152	1.1956	7.129	2.0317	20.5149	2.03183
8100	-3.5012	-1.7203	5.2190	1.1915	7.168	2.0359	20.4419	2.03601
8200	-3.4682	-1.6811	5.2229	1.1876	7.208	2.0402	20.3757	2.04034
8300	-3.4347	-1.6414	5.2269	1.1840	7.249	2.0447	20.3158	2.04486
8400	-3.4008	-1.6013	5.2310	1.1807	7.290	2.0494	20.2621	2.04956
8500	-3.3663	-1.5607	5.2351	1.1776	7.333	2.0542	20.2142	2.05443
8600	-3.3315	-1.5197	5.2393	1.1749	7.376	2.0592	20.1722	2.05948
8700	-3.2963	-1.4783	5.2435	1.1723	7.420	2.0644	20.1355	2.06471
8800	-3.2607	-1.4367	5.2478	1.1702	7.466	2.0698	20.1038	2.07010
8900	-3.2249	-1.3948	5.2521	1.1683	7.512	2.0753	20.0766	2.07565
9000	-3.1888	-1.3527	5.2564	1.1664	7.558	2.0810	20.0540	2.08137
9100	-3.1525	-1.3104	5.2608	1.1649	7.606	2.0868	20.0357	2.08725
9200	-3.1160	-1.2679	5.2653	1.1635	7.654	2.0927	20.0209	2.09326
9300	-3.0795	-1.2254	5.2697	1.1622	7.702	2.0988	20.0098	2.09941
9400	-3.0428	-1.1828	5.2742	1.1612	7.751	2.1050	20.0020	2.10570
9500	-3.0061	-1.1402	5.2787	1.1604	7.801	2.1113	19.9970	2.11210
9600	-2.9694	-1.0976	5.2832	1.1596	7.852	2.1178	19.9950	2.11864
9700	-2.9327	-1.0551	5.2877	1.1589	7.902	2.1243	19.9956	2.12527
9800	-2.8960	-1.0126	5.2922	1.1583	7.953	2.1310	19.9985	2.13202
9900	-2.8595	-0.9703	5.2967	1.1579	8.005	2.1377	20.0033	2.13886
10000	-2.8230	-0.9281	5.3013	1.1576	8.057	2.1445	20.0103	2.14579
10100	-2.7868	-0.8861	5.3058	1.1573	8.109	2.1514	20.0189	2.15281
10200	-2.7506	-0.8443	5.3103	1.1571	8.162	2.1584	20.0292	2.15992
10300	-2.7147	-0.8027	5.3148	1.1571	8.215	2.1654	20.0407	2.16709
10400	-2.6789	-0.7613	5.3192	1.1570	8.268	2.1725	20.0536	2.17433
10500	-2.6434	-0.7202	5.3237	1.1571	8.321	2.1796	20.0677	2.18164
10600	-2.6081	-0.6794	5.3281	1.1572	8.375	2.1868	20.0828	2.18900
10700	-2.5730	-0.6388	5.3326	1.1573	8.429	2.1940	20.0987	2.19643
10800	-2.5382	-0.5985	5.3370	1.1574	8.483	2.2013	20.1155	2.20390
10900	-2.5037	-0.5585	5.3413	1.1578	8.537	2.2086	20.1328	2.21142
11000	-2.4694	-0.5189	5.3457	1.1580	8.591	2.2159	20.1508	2.21898
11100	-2.4355	-0.4796	5.3500	1.1582	8.645	2.2233	20.1695	2.22658
11200	-2.4018	-0.4406	5.3543	1.1587	8.701	2.2306	20.1886	2.23421
11300	-2.3685	-0.4019	5.3586	1.1590	8.755	2.2380	20.2078	2.24189
11400	-2.3354	-0.3636	5.3628	1.1594	8.809	2.2455	20.2274	2.24958
11500	-2.3026	-0.3256	5.3671	1.1598	8.864	2.2529	20.2473	2.25732
11600	-2.2702	-0.2880	5.3713	1.1603	8.919	2.2603	20.2673	2.26507
11700	-2.2381	-0.2507	5.3754	1.1609	8.975	2.2678	20.2877	2.27284
11800	-2.2063	-0.2138	5.3796	1.1614	9.030	2.2752	20.3082	2.28062
11900	-2.1749	-0.1773	5.3836	1.1617	9.084	2.2826	20.3283	2.28843
12000	-2.1437	-0.1411	5.3877	1.1623	9.139	2.2901	20.3486	2.29626
12100	-2.1129	-0.1052	5.3918	1.1630	9.195	2.2975	20.3689	2.30409
12200	-2.0824	-0.0698	5.3958	1.1636	9.250	2.3050	20.3893	2.31194
12300	-2.0522	-0.0346	5.3997	1.1641	9.305	2.3124	20.4095	2.31979
12400	-2.0224	0.0001	5.4037	1.1647	9.360	2.3198	20.4296	2.32765
12500	-1.9928	0.0345	5.4076	1.1652	9.415	2.3272	20.4492	2.33552
12600	-1.9636	0.0686	5.4115	1.1658	9.470	2.3346	20.4690	2.34339
12700	-1.9347	0.1023	5.4153	1.1665	9.525	2.3420	20.4886	2.35127
12800	-1.9061	0.1356	5.4191	1.1673	9.581	2.3493	20.5079	2.35914
12900	-1.8779	0.1686	5.4229	1.1678	9.635	2.3567	20.5271	2.36702

S/R= 63.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	-1.8499	0.2013	5.4267	1.1684	9.690	2.3640	20.5460	2.37490
13100	-1.8223	0.2336	5.4304	1.1692	9.745	2.3713	20.5647	2.38277
13200	-1.7949	0.2655	5.4341	1.1698	9.800	2.3786	20.5830	2.39063
13300	-1.7679	0.2972	5.4377	1.1705	9.855	2.3858	20.6010	2.39849
13400	-1.7412	0.3285	5.4414	1.1712	9.910	2.3930	20.6188	2.40635
13500	-1.7148	0.3594	5.4450	1.1719	9.965	2.4002	20.6364	2.41420
13600	-1.6886	0.3901	5.4485	1.1725	10.019	2.4074	20.6537	2.42206
13700	-1.6628	0.4204	5.4521	1.1732	10.074	2.4146	20.6705	2.42989
13800	-1.6372	0.4504	5.4556	1.1739	10.128	2.4217	20.6872	2.43772
13900	-1.6119	0.4801	5.4591	1.1726	10.175	2.4287	20.7034	2.44553
14000	-1.5866	0.5098	5.4626	1.1753	10.237	2.4356	20.7215	2.45316
14100	-1.5622	0.5385	5.4659	1.1779	10.300	2.4428	20.7350	2.46113
14200	-1.5378	0.5672	5.4693	1.1768	10.346	2.4498	20.7504	2.46892
14300	-1.5136	0.5956	5.4727	1.1776	10.401	2.4567	20.7653	2.47668
14400	-1.4897	0.6238	5.4760	1.1780	10.454	2.4637	20.7800	2.48444
14500	-1.4661	0.6517	5.4793	1.1788	10.509	2.4706	20.7943	2.49218
14600	-1.4428	0.6792	5.4826	1.1797	10.563	2.4774	20.8082	2.49990
14700	-1.4196	0.7065	5.4858	1.1800	10.615	2.4842	20.8221	2.50762
14800	-1.3968	0.7335	5.4891	1.1808	10.669	2.4910	20.8355	2.51532
14900	-1.3742	0.7601	5.4923	1.1817	10.724	2.4977	20.8483	2.52299
15000	-1.3518	0.7865	5.4954	1.1821	10.776	2.5044	20.8609	2.53065

S/R= 64.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-6.8792	-5.5043	4.9286	1.0812	4.279	1.5798	20.6943	1.57976
4200	-6.6619	-5.2693	4.9466	1.0823	4.369	1.6061	21.0537	1.60611
4300	-6.4564	-5.0466	4.9636	1.0847	4.462	1.6320	21.3846	1.63198
4400	-6.2629	-4.8364	4.9796	1.0872	4.553	1.6572	21.6851	1.65723
4500	-6.0799	-4.6373	4.9948	1.0898	4.644	1.6819	21.9601	1.68193
4600	-5.9078	-4.4495	5.0093	1.0926	4.735	1.7059	22.2071	1.70594
4700	-5.7458	-4.2722	5.0229	1.0955	4.825	1.7293	22.4280	1.72927
4800	-5.5933	-4.1050	5.0358	1.0984	4.915	1.7519	22.6242	1.75189
4900	-5.4500	-3.9473	5.0481	1.1017	5.004	1.7737	22.7960	1.77374
5000	-5.3158	-3.7993	5.0596	1.1051	5.093	1.7947	22.9423	1.79475
5100	-5.1897	-3.6596	5.0706	1.1088	5.181	1.8150	23.0674	1.81501
5200	-5.0727	-3.5296	5.0808	1.1131	5.269	1.8342	23.1647	1.83415
5300	-4.9640	-3.4084	5.0905	1.1176	5.356	1.8523	23.2378	1.85228
5400	-4.8631	-3.2954	5.0995	1.1225	5.443	1.8694	23.2869	1.86936
5500	-4.7700	-3.1907	5.1080	1.1280	5.530	1.8853	23.3127	1.88533
5600	-4.6843	-3.0938	5.1158	1.1341	5.618	1.9002	23.3147	1.90016
5700	-4.6058	-3.0044	5.1231	1.1410	5.705	1.9138	23.2944	1.91382
5800	-4.5342	-2.9224	5.1299	1.1485	5.793	1.9263	23.2518	1.92626
5900	-4.4690	-2.8473	5.1361	1.1568	5.881	1.9375	23.1883	1.93751
6000	-4.4098	-2.7786	5.1419	1.1662	5.970	1.9476	23.1062	1.94759
6100	-4.3564	-2.7160	5.1472	1.1765	6.059	1.9565	23.0063	1.95651
6200	-4.3080	-2.6587	5.1521	1.1866	6.147	1.9644	22.8917	1.96438
6300	-4.2638	-2.6061	5.1566	1.1967	6.234	1.9713	22.7650	1.97131
6400	-4.2233	-2.5574	5.1608	1.2064	6.319	1.9774	22.6288	1.97740
6500	-4.1858	-2.5120	5.1648	1.2150	6.399	1.9828	22.4859	1.98277
6600	-4.1508	-2.4694	5.1686	1.2220	6.474	1.9875	22.3388	1.98753
6700	-4.1176	-2.4287	5.1722	1.2270	6.544	1.9918	22.1902	1.99184
6800	-4.0858	-2.3895	5.1758	1.2298	6.606	1.9958	22.0422	1.99577
6900	-4.0548	-2.3515	5.1792	1.2307	6.663	1.9994	21.8968	1.99946
7000	-4.0244	-2.3141	5.1827	1.2296	6.714	2.0030	21.7550	2.00296

S/R= 64.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-3.9943	-2.2770	5.1861	1.2272	6.761	2.0064	21.6183	2.00639
7200	-3.9641	-2.2400	5.1895	1.2233	6.804	2.0098	21.4880	2.00978
7300	-3.9336	-2.2028	5.1930	1.2186	6.843	2.0132	21.3647	2.01322
7400	-3.9028	-2.1654	5.1966	1.2137	6.882	2.0167	21.2487	2.01673
7500	-3.8715	-2.1275	5.2002	1.2086	6.920	2.0203	21.1403	2.02034
7600	-3.8397	-2.0891	5.2039	1.2033	6.957	2.0240	21.0399	2.02410
7700	-3.8072	-2.0501	5.2076	1.1981	6.994	2.0280	20.9475	2.02802
7800	-3.7741	-2.0104	5.2115	1.1930	7.032	2.0320	20.8628	2.03212
7900	-3.7403	-1.9702	5.2154	1.1885	7.071	2.0363	20.7860	2.03641
8000	-3.7058	-1.9293	5.2194	1.1843	7.111	2.0408	20.7166	2.04090
8100	-3.6708	-1.8879	5.2235	1.1804	7.151	2.0455	20.6546	2.04560
8200	-3.6352	-1.8459	5.2277	1.1767	7.193	2.0503	20.5996	2.05049
8300	-3.5990	-1.8034	5.2319	1.1734	7.235	2.0554	20.5511	2.05560
8400	-3.5622	-1.7603	5.2362	1.1706	7.279	2.0607	20.5094	2.06090
8500	-3.5251	-1.7169	5.2406	1.1679	7.324	2.0662	20.4734	2.06640
8600	-3.4875	-1.6730	5.2450	1.1657	7.370	2.0718	20.4428	2.07208
8700	-3.4496	-1.6289	5.2495	1.1636	7.416	2.0777	20.4177	2.07796
8800	-3.4114	-1.5845	5.2541	1.1618	7.464	2.0837	20.3973	2.08400
8900	-3.3729	-1.5398	5.2586	1.1602	7.512	2.0898	20.3815	2.09021
9000	-3.3342	-1.4949	5.2632	1.1588	7.561	2.0961	20.3699	2.09660
9100	-3.2954	-1.4500	5.2679	1.1576	7.610	2.1026	20.3621	2.10313
9200	-3.2565	-1.4050	5.2725	1.1565	7.661	2.1092	20.3579	2.10980
9300	-3.2175	-1.3599	5.2772	1.1556	7.711	2.1159	20.3570	2.11660
9400	-3.1785	-1.3149	5.2819	1.1548	7.763	2.1228	20.3590	2.12353
9500	-3.1396	-1.2699	5.2866	1.1543	7.815	2.1298	20.3637	2.13059
9600	-3.1007	-1.2251	5.2913	1.1538	7.867	2.1368	20.3708	2.13775
9700	-3.0619	-1.1803	5.2960	1.1534	7.920	2.1440	20.3801	2.14501
9800	-3.0233	-1.1358	5.3007	1.1530	7.973	2.1512	20.3914	2.15237
9900	-2.9848	-1.0914	5.3054	1.1528	8.026	2.1586	20.4045	2.15983
10000	-2.9465	-1.0472	5.3100	1.1528	8.080	2.1660	20.4194	2.16736
10100	-2.9084	-1.0033	5.3147	1.1526	8.134	2.1735	20.4355	2.17498
10200	-2.8705	-0.9596	5.3194	1.1526	8.188	2.1810	20.4531	2.18266
10300	-2.8329	-0.9163	5.3240	1.1528	8.244	2.1886	20.4716	2.19040
10400	-2.7955	-0.8732	5.3286	1.1530	8.298	2.1962	20.4912	2.19822
10500	-2.7584	-0.8304	5.3332	1.1531	8.353	2.2039	20.5116	2.20609
10600	-2.7216	-0.7880	5.3378	1.1532	8.408	2.2117	20.5327	2.21400
10700	-2.6851	-0.7459	5.3423	1.1536	8.464	2.2194	20.5545	2.22196
10800	-2.6489	-0.7041	5.3468	1.1539	8.520	2.2272	20.5770	2.22997
10900	-2.6131	-0.6628	5.3513	1.1543	8.575	2.2350	20.5999	2.23801
11000	-2.5776	-0.6218	5.3557	1.1546	8.631	2.2429	20.6230	2.24608
11100	-2.5424	-0.5811	5.3602	1.1549	8.686	2.2507	20.6464	2.25419
11200	-2.5075	-0.5409	5.3646	1.1556	8.743	2.2586	20.6701	2.26232
11300	-2.4730	-0.5010	5.3689	1.1562	8.799	2.2665	20.6939	2.27048
11400	-2.4389	-0.4615	5.3733	1.1565	8.855	2.2743	20.7179	2.27866
11500	-2.4051	-0.4224	5.3775	1.1569	8.911	2.2822	20.7419	2.28687
11600	-2.3717	-0.3838	5.3818	1.1575	8.967	2.2901	20.7659	2.29508
11700	-2.3386	-0.3455	5.3860	1.1583	9.024	2.2980	20.7898	2.30332
11800	-2.3059	-0.3076	5.3902	1.1588	9.081	2.3059	20.8138	2.31155
11900	-2.2735	-0.2701	5.3944	1.1592	9.136	2.3138	20.8376	2.31981
12000	-2.2415	-0.2329	5.3985	1.1599	9.193	2.3217	20.8610	2.32807
12100	-2.2099	-0.1962	5.4026	1.1606	9.249	2.3295	20.8847	2.33634
12200	-2.1786	-0.1599	5.4067	1.1612	9.306	2.3374	20.9078	2.34461
12300	-2.1476	-0.1239	5.4107	1.1619	9.362	2.3452	20.9307	2.35289
12400	-2.1170	-0.0884	5.4147	1.1626	9.418	2.3530	20.9535	2.36116
12500	-2.0868	-0.0532	5.4186	1.1632	9.474	2.3608	20.9759	2.36943

S/R= 64.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12600	-2.0569	-0.0184	5.4226	1.1638	9.530	2.3686	20.9981	2.37771
12700	-2.0273	0.0160	5.4264	1.1645	9.587	2.3764	21.0201	2.38598
12800	-1.9981	0.0500	5.4303	1.1654	9.643	2.3841	21.0415	2.39424
12900	-1.9692	0.0837	5.4341	1.1660	9.699	2.3918	21.0628	2.40251
13000	-1.9407	0.1169	5.4379	1.1667	9.756	2.3995	21.0835	2.41076
13100	-1.9125	0.1498	5.4416	1.1675	9.812	2.4072	21.1041	2.41900
13200	-1.8847	0.1824	5.4454	1.1681	9.867	2.4148	21.1243	2.42723
13300	-1.8571	0.2146	5.4490	1.1688	9.923	2.4224	21.1441	2.43546
13400	-1.8299	0.2464	5.4527	1.1696	9.979	2.4300	21.1635	2.44368
13500	-1.8029	0.2779	5.4563	1.1703	10.035	2.4375	21.1828	2.45189
13600	-1.7763	0.3091	5.4599	1.1711	10.091	2.4450	21.2013	2.46008
13700	-1.7500	0.3399	5.4635	1.1717	10.146	2.4525	21.2195	2.46826
13800	-1.7240	0.3704	5.4670	1.1725	10.202	2.4599	21.2373	2.47642
13900	-1.6984	0.4005	5.4705	1.1713	10.249	2.4673	21.2547	2.48457
14000	-1.6726	0.4306	5.4740	1.1740	10.313	2.4745	21.2740	2.49251
14100	-1.6479	0.4597	5.4774	1.1768	10.377	2.4820	21.2886	2.50082
14200	-1.6231	0.4889	5.4808	1.1754	10.424	2.4893	21.3049	2.50893
14300	-1.5986	0.5177	5.4841	1.1764	10.480	2.4966	21.3210	2.51701
14400	-1.5743	0.5462	5.4875	1.1770	10.534	2.5038	21.3364	2.52508
14500	-1.5504	0.5744	5.4908	1.1779	10.590	2.5110	21.3516	2.53312
14600	-1.5267	0.6023	5.4941	1.1787	10.645	2.5181	21.3660	2.54114
14700	-1.5033	0.6299	5.4973	1.1791	10.698	2.5252	21.3804	2.54916
14800	-1.4802	0.6572	5.5006	1.1798	10.753	2.5323	21.3946	2.55715
14900	-1.4573	0.6842	5.5038	1.1807	10.808	2.5393	21.4080	2.56511
15000	-1.4347	0.7109	5.5069	1.1810	10.861	2.5463	21.4211	2.57306

S/R= 65.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4100	-6.9481	-5.5657	4.9446	1.0815	4.317	1.6069	21.4688	1.60695
4200	-6.7319	-5.3319	4.9621	1.0827	4.407	1.6336	21.8201	1.63365
4300	-6.5279	-5.1108	4.9787	1.0852	4.500	1.6598	22.1413	1.65980
4400	-6.3362	-4.9025	4.9943	1.0878	4.593	1.6853	22.4311	1.68527
4500	-6.1554	-4.7056	5.0091	1.0906	4.685	1.7101	22.6937	1.71010
4600	-5.9858	-4.5203	5.0231	1.0935	4.776	1.7342	22.9267	1.73418
4700	-5.8265	-4.3459	5.0363	1.0965	4.867	1.7575	23.1322	1.75748
4800	-5.6771	-4.1819	5.0488	1.0998	4.957	1.7800	23.3115	1.77997
4900	-5.5374	-4.0280	5.0606	1.1035	5.047	1.8016	23.4637	1.80156
5000	-5.4075	-3.8843	5.0717	1.1073	5.136	1.8222	23.5879	1.82217
5100	-5.2857	-3.7493	5.0821	1.1115	5.225	1.8419	23.6896	1.84193
5200	-5.1739	-3.6247	5.0919	1.1165	5.315	1.8604	23.7603	1.86039
5300	-5.0707	-3.5092	5.1009	1.1218	5.403	1.8777	23.8045	1.87770
5400	-4.9760	-3.4026	5.1094	1.1278	5.492	1.8938	23.8225	1.89379
5500	-4.8894	-3.3047	5.1172	1.1345	5.580	1.9086	23.8143	1.90860
5600	-4.8106	-3.2150	5.1244	1.1421	5.670	1.9221	23.7812	1.92212
5700	-4.7393	-3.1333	5.1311	1.1507	5.760	1.9343	23.7235	1.93432
5800	-4.6750	-3.0590	5.1371	1.1601	5.850	1.9452	23.6429	1.94521
5900	-4.6171	-2.9915	5.1427	1.1705	5.942	1.9549	23.5418	1.95486
6000	-4.5651	-2.9304	5.1478	1.1820	6.034	1.9633	23.4225	1.96330
6100	-4.5183	-2.8748	5.1525	1.1935	6.125	1.9706	23.2883	1.97063
6200	-4.4759	-2.8239	5.1568	1.2045	6.214	1.9770	23.1420	1.97700
6300	-4.4370	-2.7769	5.1608	1.2147	6.299	1.9825	22.9874	1.98255
6400	-4.4010	-2.7330	5.1646	1.2232	6.378	1.9874	22.8275	1.98743
6500	-4.3672	-2.6914	5.1683	1.2293	6.451	1.9917	22.6647	1.99175
6600	-4.3349	-2.6517	5.1718	1.2329	6.516	1.9957	22.5026	1.99567

S/R= 65.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-4.3036	-2.6131	5.1752	1.2341	6.575	1.9993	22.3429	1.99931
6800	-4.2729	-2.5752	5.1786	1.2330	6.627	2.0028	22.1877	2.00276
6900	-4.2425	-2.5377	5.1820	1.2300	6.672	2.0061	22.0380	2.00612
7000	-4.2119	-2.5001	5.1855	1.2255	6.714	2.0094	21.8955	2.00946
7100	-4.1810	-2.4624	5.1889	1.2204	6.753	2.0128	21.7607	2.01284
7200	-4.1497	-2.4242	5.1925	1.2146	6.790	2.0163	21.6344	2.01632
7300	-4.1177	-2.3854	5.1961	1.2084	6.826	2.0199	21.5169	2.01994
7400	-4.0850	-2.3460	5.1998	1.2025	6.862	2.0237	21.4083	2.02372
7500	-4.0515	-2.3059	5.2036	1.1968	6.899	2.0276	21.3090	2.02769
7600	-4.0173	-2.2650	5.2075	1.1913	6.936	2.0318	21.2184	2.03187
7700	-3.9822	-2.2233	5.2115	1.1861	6.974	2.0362	21.1370	2.03626
7800	-3.9463	-2.1808	5.2156	1.1813	7.012	2.0408	21.0639	2.04089
7900	-3.9097	-2.1376	5.2198	1.1770	7.053	2.0457	20.9989	2.04574
8000	-3.8724	-2.0938	5.2241	1.1734	7.095	2.0507	20.9421	2.05084
8100	-3.8344	-2.0493	5.2285	1.1698	7.138	2.0560	20.8927	2.05616
8200	-3.7958	-2.0042	5.2329	1.1666	7.181	2.0615	20.8505	2.06170
8300	-3.7566	-1.9585	5.2375	1.1638	7.226	2.0673	20.8150	2.06747
8400	-3.7169	-1.9124	5.2420	1.1614	7.273	2.0732	20.7857	2.07344
8500	-3.6768	-1.8659	5.2467	1.1594	7.320	2.0794	20.7620	2.07962
8600	-3.6364	-1.8191	5.2514	1.1574	7.368	2.0857	20.7439	2.08600
8700	-3.5957	-1.7720	5.2561	1.1558	7.417	2.0922	20.7308	2.09256
8800	-3.5547	-1.7247	5.2609	1.1544	7.467	2.0989	20.7221	2.09930
8900	-3.5136	-1.6772	5.2657	1.1532	7.518	2.1058	20.7178	2.10620
9000	-3.4724	-1.6297	5.2706	1.1521	7.569	2.1128	20.7172	2.11326
9100	-3.4310	-1.5821	5.2754	1.1512	7.621	2.1199	20.7201	2.12046
9200	-3.3897	-1.5345	5.2803	1.1505	7.673	2.1272	20.7263	2.12780
9300	-3.3484	-1.4870	5.2852	1.1498	7.726	2.1346	20.7353	2.13527
9400	-3.3072	-1.4396	5.2901	1.1493	7.779	2.1421	20.7466	2.14286
9500	-3.2660	-1.3924	5.2950	1.1490	7.833	2.1497	20.7605	2.15055
9600	-3.2251	-1.3453	5.2998	1.1488	7.888	2.1574	20.7766	2.15835
9700	-3.1843	-1.2984	5.3047	1.1486	7.942	2.1652	20.7943	2.16624
9800	-3.1437	-1.2518	5.3096	1.1485	7.997	2.1730	20.8137	2.17421
9900	-3.1033	-1.2055	5.3144	1.1485	8.053	2.1809	20.8346	2.18227
10000	-3.0632	-1.1594	5.3193	1.1486	8.109	2.1889	20.8569	2.19040
10100	-3.0234	-1.1137	5.3241	1.1486	8.164	2.1970	20.8803	2.19859
10200	-2.9839	-1.0682	5.3288	1.1487	8.220	2.2051	20.9045	2.20685
10300	-2.9447	-1.0232	5.3336	1.1490	8.276	2.2133	20.9294	2.21516
10400	-2.9058	-0.9785	5.3383	1.1494	8.333	2.2214	20.9552	2.22353
10500	-2.8673	-0.9342	5.3430	1.1497	8.390	2.2297	20.9816	2.23194
10600	-2.8291	-0.8903	5.3477	1.1499	8.446	2.2379	21.0085	2.24039
10700	-2.7913	-0.8468	5.3523	1.1503	8.503	2.2462	21.0357	2.24887
10800	-2.7538	-0.8037	5.3569	1.1509	8.560	2.2545	21.0632	2.25740
10900	-2.7167	-0.7611	5.3615	1.1514	8.617	2.2628	21.0910	2.26595
11000	-2.6800	-0.7188	5.3661	1.1519	8.675	2.2711	21.1187	2.27452
11100	-2.6437	-0.6770	5.3706	1.1523	8.732	2.2795	21.1469	2.28314
11200	-2.6078	-0.6355	5.3750	1.1529	8.789	2.2878	21.1747	2.29174
11300	-2.5723	-0.5946	5.3795	1.1536	8.847	2.2962	21.2027	2.30038
11400	-2.5371	-0.5540	5.3839	1.1540	8.904	2.3045	21.2303	2.30903
11500	-2.5024	-0.5139	5.3882	1.1545	8.961	2.3129	21.2581	2.31770
11600	-2.4680	-0.4743	5.3925	1.1552	9.019	2.3212	21.2855	2.32636
11700	-2.4340	-0.4350	5.3968	1.1560	9.077	2.3295	21.3130	2.33504
11800	-2.4005	-0.3962	5.4011	1.1566	9.134	2.3379	21.3400	2.34372
11900	-2.3673	-0.3578	5.4053	1.1571	9.191	2.3461	21.3667	2.35241
12000	-2.3345	-0.3198	5.4095	1.1579	9.249	2.3544	21.3932	2.36110
12100	-2.3021	-0.2823	5.4136	1.1586	9.307	2.3627	21.4194	2.36978

S/R= 65.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	-2.2701	-0.2452	5.4177	1.1593	9.364	2.3710	21.4452	2.37847
12300	-2.2385	-0.2085	5.4218	1.1600	9.422	2.3792	21.4706	2.38715
12400	-2.2072	-0.1723	5.4258	1.1607	9.479	2.3874	21.4957	2.39582
12500	-2.1763	-0.1364	5.4298	1.1615	9.537	2.3956	21.5204	2.40449
12600	-2.1458	-0.1010	5.4337	1.1622	9.594	2.4037	21.5446	2.41315
12700	-2.1157	-0.0659	5.4376	1.1629	9.651	2.4119	21.5685	2.42180
12800	-2.0859	-0.0313	5.4415	1.1637	9.709	2.4200	21.5918	2.43044
12900	-2.0565	0.0030	5.4453	1.1644	9.766	2.4281	21.6150	2.43908
13000	-2.0274	0.0368	5.4492	1.1652	9.823	2.4361	21.6376	2.44770
13100	-1.9987	0.0703	5.4529	1.1659	9.880	2.4441	21.6598	2.45631
13200	-1.9703	0.1034	5.4567	1.1667	9.937	2.4521	21.6814	2.46489
13300	-1.9423	0.1361	5.4604	1.1675	9.994	2.4600	21.7025	2.47347
13400	-1.9147	0.1684	5.4640	1.1682	10.051	2.4679	21.7232	2.48203
13500	-1.8873	0.2003	5.4677	1.1691	10.108	2.4758	21.7436	2.49058
13600	-1.8603	0.2320	5.4713	1.1698	10.165	2.4837	21.7636	2.49911
13700	-1.8336	0.2632	5.4748	1.1705	10.221	2.4914	21.7828	2.50762
13800	-1.8072	0.2941	5.4784	1.1715	10.279	2.4992	21.8019	2.51611
13900	-1.7812	0.3246	5.4819	1.1701	10.326	2.5069	21.8202	2.52457
14000	-1.7550	0.3551	5.4854	1.1730	10.391	2.5144	21.8403	2.53281
14100	-1.7300	0.3846	5.4888	1.1759	10.457	2.5222	21.8557	2.54145
14200	-1.7049	0.4141	5.4922	1.1745	10.504	2.5298	21.8725	2.54986
14300	-1.6801	0.4432	5.4956	1.1755	10.561	2.5374	21.8892	2.55825
14400	-1.6555	0.4721	5.4989	1.1760	10.616	2.5449	21.9055	2.56662
14500	-1.6313	0.5006	5.5022	1.1770	10.673	2.5524	21.9213	2.57496
14600	-1.6074	0.5288	5.5055	1.1779	10.729	2.5598	21.9365	2.58328
14700	-1.5837	0.5567	5.5088	1.1783	10.783	2.5672	21.9513	2.59158
14800	-1.5603	0.5843	5.5120	1.1792	10.840	2.5745	21.9658	2.59985
14900	-1.5372	0.6115	5.5152	1.1801	10.895	2.5818	21.9796	2.60809
15000	-1.5144	0.6385	5.5184	1.1802	10.948	2.5891	21.9928	2.61631

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.8023	-5.3951	4.9770	1.0844	4.448	1.6610	22.5804	1.66097
4300	-6.6001	-5.1759	4.9931	1.0857	4.539	1.6873	22.8505	1.68735
4400	-6.4106	-4.9698	5.0083	1.0885	4.632	1.7130	23.1676	1.71295
4500	-6.2323	-4.7755	5.0227	1.0914	4.724	1.7379	23.4160	1.73785
4600	-6.0656	-4.5932	5.0363	1.0946	4.817	1.7619	23.6330	1.76189
4700	-5.9097	-4.4224	5.0490	1.0980	4.908	1.7850	23.8205	1.78504
4800	-5.7643	-4.2624	5.0611	1.1016	4.999	1.8072	23.9787	1.80723
4900	-5.6290	-4.1131	5.0724	1.1057	5.090	1.8284	24.1081	1.82840
5000	-5.5038	-3.9745	5.0829	1.1100	5.180	1.8485	24.2069	1.84846
5100	-5.3877	-3.8453	5.0928	1.1150	5.270	1.8674	24.2796	1.86745
5200	-5.2819	-3.7270	5.1020	1.1210	5.360	1.8850	24.3190	1.88500
5300	-5.1853	-3.6184	5.1104	1.1275	5.451	1.9012	24.3294	1.90121
5400	-5.0977	-3.5193	5.1182	1.1349	5.541	1.9160	24.3107	1.91603
5500	-5.0186	-3.4292	5.1253	1.1433	5.633	1.9294	24.2641	1.92942
5600	-4.9476	-3.3477	5.1318	1.1529	5.725	1.9414	24.1908	1.94137
5700	-4.8842	-3.2743	5.1378	1.1635	5.818	1.9519	24.0922	1.95190
5800	-4.8276	-3.2081	5.1431	1.1753	5.912	1.9611	23.9720	1.96110
5900	-4.7772	-3.1485	5.1480	1.1880	6.007	1.9690	23.8327	1.96904
6000	-4.7320	-3.0945	5.1525	1.2008	6.101	1.9759	23.6784	1.97586
6100	-4.6912	-3.0452	5.1566	1.2127	6.192	1.9817	23.5127	1.98171
6200	-4.6538	-2.9996	5.1605	1.2230	6.277	1.9868	23.3401	1.98677
6300	-4.6190	-2.9570	5.1641	1.2309	6.354	1.9912	23.1635	1.99120

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-4.5862	-2.9164	5.1677	1.2358	6.424	1.9951	22.9864	1.99515
6500	-4.5545	-2.8772	5.1711	1.2378	6.485	1.9988	22.8111	1.99876
6600	-4.5235	-2.8389	5.1744	1.2369	6.538	2.0022	22.6409	2.00217
6700	-4.4928	-2.8009	5.1778	1.2337	6.584	2.0055	22.4767	2.00547
6800	-4.4620	-2.7630	5.1812	1.2288	6.625	2.0087	22.3204	2.00874
6900	-4.4308	-2.7247	5.1847	1.2228	6.663	2.0120	22.1729	2.01207
7000	-4.3990	-2.6859	5.1882	1.2163	6.699	2.0155	22.0346	2.01549
7100	-4.3664	-2.6464	5.1918	1.2094	6.733	2.0191	21.9064	2.01908
7200	-4.3330	-2.6061	5.1956	1.2027	6.768	2.0228	21.7885	2.02287
7300	-4.2986	-2.5649	5.1994	1.1961	6.803	2.0268	21.6808	2.02686
7400	-4.2633	-2.5228	5.2034	1.1899	6.839	2.0310	21.5833	2.03109
7500	-4.2271	-2.4797	5.2074	1.1843	6.876	2.0355	21.4958	2.03557
7600	-4.1898	-2.4357	5.2116	1.1791	6.914	2.0402	21.4178	2.04030
7700	-4.1517	-2.3909	5.2159	1.1744	6.954	2.0452	21.3495	2.04531
7800	-4.1127	-2.3451	5.2203	1.1702	6.996	2.0505	21.2901	2.05057
7900	-4.0729	-2.2986	5.2248	1.1665	7.039	2.0560	21.2388	2.05609
8000	-4.0324	-2.2514	5.2293	1.1632	7.083	2.0617	21.1957	2.06187
8100	-3.9912	-2.2036	5.2340	1.1602	7.128	2.0677	21.1600	2.06789
8200	-3.9494	-2.1552	5.2387	1.1576	7.175	2.0740	21.1315	2.07414
8300	-3.9071	-2.1063	5.2436	1.1553	7.223	2.0804	21.1092	2.08062
8400	-3.8644	-2.0570	5.2484	1.1534	7.272	2.0871	21.0931	2.08732
8500	-3.8214	-2.0074	5.2533	1.1518	7.322	2.0940	21.0823	2.09422
8600	-3.7780	-1.9575	5.2583	1.1502	7.372	2.1010	21.0765	2.10131
8700	-3.7345	-1.9075	5.2633	1.1489	7.423	2.1082	21.0756	2.10859
8800	-3.6908	-1.8573	5.2683	1.1480	7.476	2.1156	21.0785	2.11603
8900	-3.6471	-1.8071	5.2734	1.1472	7.529	2.1232	21.0855	2.12363
9000	-3.6033	-1.7569	5.2784	1.1463	7.582	2.1309	21.0958	2.13137
9100	-3.5595	-1.7067	5.2835	1.1456	7.636	2.1387	21.1091	2.13926
9200	-3.5158	-1.6567	5.2886	1.1453	7.691	2.1466	21.1251	2.14727
9300	-3.4723	-1.6068	5.2937	1.1450	7.746	2.1547	21.1437	2.15540
9400	-3.4289	-1.5571	5.2987	1.1447	7.801	2.1628	21.1644	2.16363
9500	-3.3857	-1.5077	5.3038	1.1445	7.857	2.1710	21.1869	2.17196
9600	-3.3427	-1.4585	5.3088	1.1444	7.913	2.1794	21.2113	2.18038
9700	-3.3000	-1.4096	5.3139	1.1446	7.970	2.1877	21.2370	2.18889
9800	-3.2576	-1.3611	5.3189	1.1447	8.026	2.1962	21.2640	2.19747
9900	-3.2155	-1.3129	5.3239	1.1447	8.083	2.2047	21.2923	2.20612
10000	-3.1737	-1.2651	5.3288	1.1449	8.140	2.2133	21.3214	2.21483
10100	-3.1323	-1.2176	5.3337	1.1452	8.198	2.2219	21.3512	2.22359
10200	-3.0912	-1.1706	5.3386	1.1456	8.256	2.2306	21.3818	2.23241
10300	-3.0506	-1.1240	5.3435	1.1459	8.314	2.2393	21.4129	2.24127
10400	-3.0103	-1.0778	5.3483	1.1462	8.371	2.2480	21.4444	2.25018
10500	-2.9704	-1.0321	5.3531	1.1467	8.429	2.2567	21.4762	2.25912
10600	-2.9309	-0.9869	5.3579	1.1472	8.488	2.2655	21.5080	2.26810
10700	-2.8919	-0.9420	5.3626	1.1477	8.546	2.2743	21.5404	2.27709
10800	-2.8532	-0.8977	5.3673	1.1482	8.604	2.2831	21.5724	2.28612
10900	-2.8150	-0.8538	5.3720	1.1488	8.663	2.2919	21.6047	2.29516
11000	-2.7773	-0.8104	5.3766	1.1493	8.721	2.3007	21.6366	2.30422
11100	-2.7399	-0.7675	5.3812	1.1499	8.780	2.3095	21.6688	2.31331
11200	-2.7030	-0.7250	5.3857	1.1506	8.839	2.3183	21.7003	2.32238
11300	-2.6665	-0.6830	5.3902	1.1513	8.898	2.3271	21.7319	2.33146
11400	-2.6305	-0.6415	5.3946	1.1519	8.956	2.3359	21.7632	2.34058
11500	-2.5948	-0.6004	5.3990	1.1525	9.015	2.3447	21.7942	2.34970
11600	-2.5596	-0.5599	5.4034	1.1533	9.074	2.3534	21.8247	2.35880
11700	-2.5249	-0.5198	5.4077	1.1540	9.132	2.3622	21.8551	2.36791
11800	-2.4905	-0.4801	5.4120	1.1547	9.191	2.3709	21.8847	2.37701

S/R= 66.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-2.4566	-0.4410	5.4163	1.1553	9.250	2.3796	21.9142	2.38612
12000	-2.4231	-0.4022	5.4205	1.1561	9.308	2.3883	21.9435	2.39523
12100	-2.3900	-0.3640	5.4247	1.1569	9.367	2.3970	21.9720	2.40431
12200	-2.3574	-0.3262	5.4288	1.1576	9.426	2.4057	22.0000	2.41339
12300	-2.3251	-0.2889	5.4329	1.1584	9.484	2.4143	22.0274	2.42247
12400	-2.2933	-0.2519	5.4369	1.1592	9.543	2.4229	22.0544	2.43152
12500	-2.2618	-0.2154	5.4409	1.1600	9.602	2.4314	22.0813	2.44058
12600	-2.2307	-0.1794	5.4449	1.1607	9.660	2.4399	22.1073	2.44961
12700	-2.2000	-0.1438	5.4488	1.1614	9.718	2.4484	22.1331	2.45864
12800	-2.1698	-0.1086	5.4527	1.1623	9.777	2.4569	22.1579	2.46764
12900	-2.1399	-0.0738	5.4566	1.1632	9.835	2.4653	22.1823	2.47664
13000	-2.1103	-0.0395	5.4604	1.1641	9.894	2.4737	22.2065	2.48561
13100	-2.0812	-0.0055	5.4642	1.1647	9.951	2.4820	22.2297	2.49456
13200	-2.0524	0.0280	5.4680	1.1655	10.009	2.4904	22.2528	2.50350
13300	-2.0240	0.0612	5.4717	1.1664	10.068	2.4986	22.2752	2.51241
13400	-1.9959	0.0940	5.4754	1.1670	10.125	2.5069	22.2972	2.52131
13500	-1.9682	0.1263	5.4790	1.1680	10.183	2.5151	22.3184	2.53018
13600	-1.9408	0.1583	5.4826	1.1688	10.241	2.5232	22.3391	2.53903
13700	-1.9138	0.1899	5.4862	1.1696	10.299	2.5313	22.3592	2.54786
13800	-1.8870	0.2212	5.4897	1.1706	10.357	2.5394	22.3789	2.55666
13900	-1.8607	0.2520	5.4932	1.1691	10.404	2.5474	22.3981	2.56544
14000	-1.8342	0.2829	5.4967	1.1721	10.471	2.5551	22.4190	2.57396
14100	-1.8089	0.3127	5.5001	1.1752	10.539	2.5633	22.4349	2.58293
14200	-1.7835	0.3425	5.5036	1.1737	10.586	2.5712	22.4524	2.59164
14300	-1.7584	0.3720	5.5069	1.1747	10.644	2.5791	22.4694	2.60031
14400	-1.7336	0.4011	5.5103	1.1753	10.700	2.5869	22.4860	2.60897
14500	-1.7092	0.4299	5.5136	1.1763	10.758	2.5946	22.5020	2.61760
14600	-1.6850	0.4583	5.5169	1.1772	10.815	2.6023	22.5174	2.62619
14700	-1.6611	0.4865	5.5201	1.1778	10.870	2.6100	22.5325	2.63476
14800	-1.6375	0.5143	5.5234	1.1787	10.928	2.6176	22.5473	2.64331
14900	-1.6142	0.5418	5.5266	1.1795	10.984	2.6251	22.5614	2.65182
15000	-1.5911	0.5689	5.5297	1.1797	11.037	2.6326	22.5748	2.66031

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.8733	-5.4591	4.9912	1.0850	4.485	1.6880	23.3332	1.68803
4300	-6.6733	-5.2421	5.0070	1.0864	4.577	1.7146	23.6312	1.71458
4400	-6.4864	-5.0388	5.0217	1.0894	4.670	1.7402	23.8933	1.74024
4500	-6.3113	-4.8477	5.0357	1.0925	4.764	1.7651	24.1247	1.76508
4600	-6.1482	-4.6692	5.0488	1.0960	4.856	1.7889	24.3224	1.78894
4700	-5.9965	-4.5027	5.0611	1.0997	4.949	1.8118	24.4881	1.81177
4800	-5.8556	-4.3475	5.0726	1.1038	5.040	1.8335	24.6224	1.83353
4900	-5.7255	-4.2036	5.0833	1.1086	5.132	1.8541	24.7244	1.85408
5000	-5.6064	-4.0712	5.0933	1.1137	5.223	1.8735	24.7925	1.87332
5100	-5.4967	-3.9488	5.1026	1.1197	5.314	1.8913	24.8315	1.89132
5200	-5.3981	-3.8380	5.1111	1.1270	5.407	1.9077	24.8343	1.90767
5300	-5.3093	-3.7375	5.1188	1.1351	5.499	1.9225	24.8051	1.92251
5400	-5.2297	-3.6469	5.1259	1.1445	5.593	1.9358	24.7448	1.93577
5500	-5.1591	-3.5656	5.1323	1.1552	5.688	1.9475	24.6550	1.94748
5600	-5.0965	-3.4930	5.1380	1.1672	5.785	1.9577	24.5384	1.95765
5700	-5.0412	-3.4281	5.1432	1.1805	5.882	1.9664	24.3986	1.96642
5800	-4.9923	-3.3699	5.1479	1.1945	5.980	1.9739	24.2391	1.97389
5900	-4.9486	-3.3175	5.1522	1.2083	6.076	1.9802	24.0647	1.98021
6000	-4.9092	-3.2696	5.1562	1.2208	6.167	1.9856	23.8797	1.98558

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6100	-4.8732	-3.2253	5.1599	1.2311	6.252	1.9902	23.6889	1.99019
6200	-4.8395	-3.1837	5.1634	1.2381	6.327	1.9942	23.4964	1.99423
6300	-4.8073	-3.1438	5.1668	1.2415	6.392	1.9979	23.3053	1.99787
6400	-4.7761	-3.1050	5.1701	1.2414	6.448	2.0012	23.1185	2.00125
6500	-4.7451	-3.0666	5.1735	1.2383	6.495	2.0045	22.9383	2.00448
6600	-4.7141	-3.0283	5.1768	1.2332	6.537	2.0077	22.7665	2.00769
6700	-4.6827	-2.9896	5.1803	1.2265	6.574	2.0109	22.6042	2.01094
6800	-4.6506	-2.9504	5.1838	1.2190	6.608	2.0143	22.4524	2.01431
6900	-4.6176	-2.9103	5.1874	1.2114	6.641	2.0178	22.3117	2.01783
7000	-4.5836	-2.8692	5.1911	1.2037	6.674	2.0216	22.1824	2.02158
7100	-4.5485	-2.8271	5.1950	1.1963	6.707	2.0255	22.0646	2.02556
7200	-4.5123	-2.7839	5.1989	1.1895	6.742	2.0298	21.9586	2.02982
7300	-4.4750	-2.7396	5.2030	1.1832	6.778	2.0343	21.8637	2.03436
7400	-4.4365	-2.6942	5.2073	1.1775	6.816	2.0391	21.7799	2.03917
7500	-4.3969	-2.6478	5.2116	1.1723	6.856	2.0442	21.7062	2.04429
7600	-4.3563	-2.6003	5.2161	1.1677	6.897	2.0496	21.6432	2.04970
7700	-4.3148	-2.5518	5.2207	1.1636	6.939	2.0553	21.5895	2.05540
7800	-4.2724	-2.5025	5.2254	1.1601	6.984	2.0613	21.5448	2.06138
7900	-4.2292	-2.4525	5.2302	1.1570	7.030	2.0675	21.5085	2.06762
8000	-4.1853	-2.4018	5.2351	1.1542	7.076	2.0740	21.4800	2.07414
8100	-4.1408	-2.3504	5.2401	1.1517	7.125	2.0807	21.4586	2.08091
8200	-4.0957	-2.2986	5.2451	1.1497	7.174	2.0877	21.4441	2.08791
8300	-4.0503	-2.2465	5.2502	1.1479	7.225	2.0949	21.4356	2.09514
8400	-4.0045	-2.1940	5.2554	1.1464	7.276	2.1023	21.4326	2.10259
8500	-3.9585	-2.1412	5.2605	1.1451	7.328	2.1099	21.4347	2.11023
8600	-3.9123	-2.0883	5.2657	1.1440	7.381	2.1177	21.4412	2.11805
8700	-3.8660	-2.0354	5.2710	1.1432	7.435	2.1257	21.4520	2.12604
8800	-3.8197	-1.9824	5.2762	1.1424	7.490	2.1338	21.4666	2.13419
8900	-3.7733	-1.9295	5.2815	1.1418	7.545	2.1420	21.4841	2.14249
9000	-3.7271	-1.8768	5.2868	1.1413	7.600	2.1504	21.5049	2.15092
9100	-3.6810	-1.8241	5.2920	1.1410	7.656	2.1589	21.5282	2.15948
9200	-3.6351	-1.7718	5.2973	1.1409	7.713	2.1674	21.5537	2.16815
9300	-3.5894	-1.7196	5.3026	1.1407	7.770	2.1761	21.5813	2.17692
9400	-3.5439	-1.6678	5.3078	1.1407	7.827	2.1849	21.6106	2.18581
9500	-3.4988	-1.6163	5.3130	1.1407	7.885	2.1938	21.6412	2.19475
9600	-3.4539	-1.5651	5.3182	1.1409	7.943	2.2027	21.6735	2.20379
9700	-3.4095	-1.5144	5.3234	1.1411	8.001	2.2117	21.7067	2.21290
9800	-3.3653	-1.4640	5.3285	1.1412	8.059	2.2207	21.7408	2.22207
9900	-3.3216	-1.4141	5.3336	1.1415	8.118	2.2298	21.7755	2.23129
10000	-3.2783	-1.3646	5.3387	1.1419	8.177	2.2390	21.8111	2.24057
10100	-3.2354	-1.3156	5.3437	1.1423	8.236	2.2481	21.8472	2.24989
10200	-3.1929	-1.2671	5.3487	1.1428	8.295	2.2573	21.8834	2.25926
10300	-3.1509	-1.2191	5.3537	1.1431	8.354	2.2665	21.9199	2.26865
10400	-3.1093	-1.1715	5.3586	1.1436	8.413	2.2758	21.9565	2.27808
10500	-3.0682	-1.1245	5.3635	1.1442	8.473	2.2850	21.9931	2.28753
10600	-3.0275	-1.0780	5.3683	1.1449	8.533	2.2943	22.0298	2.29701
10700	-2.9873	-1.0320	5.3731	1.1454	8.592	2.3036	22.0665	2.30651
10800	-2.9476	-0.9864	5.3779	1.1459	8.652	2.3129	22.1029	2.31602
10900	-2.9084	-0.9415	5.3826	1.1465	8.711	2.3221	22.1390	2.32553
11000	-2.8696	-0.8970	5.3872	1.1473	8.771	2.3314	22.1745	2.33506
11100	-2.8313	-0.8531	5.3919	1.1480	8.831	2.3407	22.2103	2.34461
11200	-2.7935	-0.8096	5.3965	1.1486	8.891	2.3499	22.2457	2.35414
11300	-2.7562	-0.7667	5.4010	1.1494	8.951	2.3592	22.2801	2.36368
11400	-2.7193	-0.7243	5.4055	1.1501	9.011	2.3684	22.3145	2.37322
11500	-2.6829	-0.6824	5.4099	1.1508	9.071	2.3776	22.3482	2.38277

S/R= 67.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	-2.6469	-0.6411	5.4144	1.1516	9.131	2.3868	22.3817	2.39229
11700	-2.6114	-0.6002	5.4187	1.1523	9.191	2.3959	22.4145	2.40183
11800	-2.5764	-0.5598	5.4230	1.1531	9.251	2.4051	22.4468	2.41134
11900	-2.5418	-0.5199	5.4273	1.1539	9.310	2.4142	22.4785	2.42085
12000	-2.5077	-0.4805	5.4316	1.1547	9.370	2.4233	22.5098	2.43035
12100	-2.4740	-0.4416	5.4357	1.1554	9.430	2.4323	22.5403	2.43983
12200	-2.4407	-0.4032	5.4399	1.1562	9.490	2.4413	22.5703	2.44930
12300	-2.4079	-0.3652	5.4440	1.1570	9.549	2.4503	22.5999	2.45875
12400	-2.3755	-0.3277	5.4481	1.1578	9.609	2.4593	22.6286	2.46818
12500	-2.3436	-0.2907	5.4521	1.1587	9.669	2.4682	22.6568	2.47760
12600	-2.3120	-0.2541	5.4561	1.1595	9.728	2.4771	22.6843	2.48700
12700	-2.2809	-0.2180	5.4600	1.1603	9.787	2.4859	22.7113	2.49638
12800	-2.2501	-0.1823	5.4640	1.1611	9.847	2.4947	22.7378	2.50574
12900	-2.2198	-0.1471	5.4678	1.1620	9.906	2.5035	22.7637	2.51509
13000	-2.1898	-0.1122	5.4717	1.1630	9.966	2.5122	22.7888	2.52440
13100	-2.1603	-0.0779	5.4755	1.1637	10.025	2.5209	22.8130	2.53368
13200	-2.1311	-0.0439	5.4792	1.1645	10.084	2.5295	22.8368	2.54294
13300	-2.1023	-0.0104	5.4829	1.1655	10.143	2.5381	22.8602	2.55219
13400	-2.0739	0.0228	5.4866	1.1651	10.201	2.5467	22.8827	2.56140
13500	-2.0459	0.0555	5.4903	1.1670	10.260	2.5552	22.9048	2.57059
13600	-2.0181	0.0878	5.4939	1.1679	10.319	2.5636	22.9266	2.57976
13700	-1.9908	0.1198	5.4975	1.1688	10.378	2.5720	22.9474	2.58890
13800	-1.9638	0.1513	5.5010	1.1698	10.437	2.5804	22.9675	2.59801
13900	-1.9372	0.1825	5.5045	1.1682	10.484	2.5887	22.9869	2.60708
14000	-1.9104	0.2137	5.5080	1.1714	10.553	2.5967	23.0082	2.61586
14100	-1.8849	0.2437	5.5114	1.1747	10.623	2.6052	23.0243	2.62515
14200	-1.8593	0.2738	5.5148	1.1732	10.670	2.6134	23.0424	2.63414
14300	-1.8340	0.3035	5.5182	1.1740	10.728	2.6215	23.0599	2.64310
14400	-1.8089	0.3329	5.5215	1.1746	10.785	2.6296	23.0770	2.65204
14500	-1.7842	0.3619	5.5248	1.1758	10.844	2.6376	23.0929	2.66094
14600	-1.7599	0.3906	5.5281	1.1767	10.902	2.6455	23.1083	2.66979
14700	-1.7358	0.4189	5.5314	1.1774	10.959	2.6535	23.1232	2.67862
14800	-1.7120	0.4469	5.5346	1.1784	11.017	2.6613	23.1378	2.68743
14900	-1.6886	0.4746	5.5378	1.1792	11.074	2.6691	23.1519	2.69619
15000	-1.6654	0.5019	5.5409	1.1795	11.129	2.6769	23.1654	2.70493

S/R= 68.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4200	-6.9454	-5.5243	5.0049	1.0857	4.522	1.7148	24.0775	1.71478
4300	-6.7481	-5.3101	5.0202	1.0872	4.614	1.7414	24.3602	1.74138
4400	-6.5644	-5.1102	5.0345	1.0904	4.708	1.7670	24.6051	1.76698
4500	-6.3931	-4.9230	5.0480	1.0939	4.802	1.7916	24.8164	1.79164
4600	-6.2342	-4.7489	5.0606	1.0977	4.896	1.8152	24.9915	1.81519
4700	-6.0873	-4.5874	5.0723	1.1019	4.989	1.8376	25.1321	1.83756
4800	-5.9521	-4.4381	5.0833	1.1067	5.081	1.8586	25.2372	1.85865
4900	-5.8284	-4.3008	5.0934	1.1123	5.174	1.8783	25.3065	1.87833
5000	-5.7162	-4.1757	5.1028	1.1185	5.266	1.8965	25.3398	1.89652
5100	-5.6144	-4.0615	5.1113	1.1260	5.360	1.9132	25.3381	1.91321
5200	-5.5241	-3.9593	5.1191	1.1352	5.455	1.9281	25.2983	1.92808
5300	-5.4440	-3.8680	5.1261	1.1454	5.551	1.9413	25.2244	1.94125
5400	-5.3735	-3.7868	5.1324	1.1575	5.650	1.9527	25.1183	1.95273
5500	-5.3117	-3.7149	5.1380	1.1711	5.749	1.9626	24.9829	1.96257
5600	-5.2576	-3.6512	5.1430	1.1859	5.850	1.9709	24.8229	1.97091
5700	-5.2101	-3.5944	5.1476	1.2014	5.951	1.9779	24.6433	1.97792

S/R= 68.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-5.1679	-3.5434	5.1517	1.2161	6.049	1.9838	24.4487	1.98378
5900	-5.1298	-3.4968	5.1555	1.2289	6.141	1.9887	24.2448	1.98872
6000	-5.0948	-3.4536	5.1590	1.2388	6.224	1.9930	24.0367	1.99295
6100	-5.0620	-3.4127	5.1624	1.2447	6.296	1.9967	23.8288	1.99666
6200	-5.0303	-3.3733	5.1658	1.2461	6.357	2.0000	23.6245	2.00004
6300	-4.9992	-3.3346	5.1690	1.2438	6.407	2.0032	23.4263	2.00324
6400	-4.9682	-3.2960	5.1724	1.2387	6.449	2.0064	23.2372	2.00636
6500	-4.9367	-3.2571	5.1757	1.2315	6.486	2.0095	23.0584	2.00952
6600	-4.9044	-3.2175	5.1792	1.2233	6.519	2.0128	22.8907	2.01280
6700	-4.8712	-3.1770	5.1828	1.2145	6.550	2.0162	22.7354	2.01624
6800	-4.8369	-3.1355	5.1865	1.2060	6.582	2.0199	22.5929	2.01993
6900	-4.8013	-3.0927	5.1903	1.1978	6.614	2.0238	22.4631	2.02386
7000	-4.7643	-3.0486	5.1943	1.1900	6.647	2.0281	22.3466	2.02810
7100	-4.7261	-3.0032	5.1984	1.1829	6.681	2.0326	22.2424	2.03264
7200	-4.6865	-2.9565	5.2027	1.1766	6.718	2.0375	22.1508	2.03751
7300	-4.6456	-2.9085	5.2071	1.1708	6.757	2.0427	22.0711	2.04270
7400	-4.6036	-2.8594	5.2117	1.1658	6.797	2.0482	22.0028	2.04822
7500	-4.5604	-2.8091	5.2164	1.1613	6.840	2.0540	21.9451	2.05406
7600	-4.5161	-2.7578	5.2212	1.1574	6.884	2.0601	21.8979	2.06022
7700	-4.4709	-2.7055	5.2261	1.1541	6.930	2.0666	21.8598	2.06667
7800	-4.4249	-2.6525	5.2312	1.1512	6.977	2.0733	21.8309	2.07343
7900	-4.3781	-2.5988	5.2363	1.1486	7.026	2.0803	21.8098	2.08046
8000	-4.3308	-2.5444	5.2415	1.1463	7.075	2.0876	21.7965	2.08775
8100	-4.2829	-2.4896	5.2467	1.1445	7.127	2.0951	21.7898	2.09530
8200	-4.2347	-2.4344	5.2521	1.1429	7.179	2.1029	21.7892	2.10307
8300	-4.1861	-2.3790	5.2574	1.1416	7.232	2.1108	21.7940	2.11107
8400	-4.1373	-2.3233	5.2628	1.1404	7.286	2.1190	21.8042	2.11926
8500	-4.0883	-2.2675	5.2682	1.1395	7.340	2.1273	21.8187	2.12765
8600	-4.0394	-2.2117	5.2737	1.1388	7.396	2.1358	21.8372	2.13619
8700	-3.9904	-2.1560	5.2792	1.1382	7.452	2.1445	21.8594	2.14490
8800	-3.9415	-2.1003	5.2846	1.1377	7.508	2.1533	21.8848	2.15376
8900	-3.8927	-2.0449	5.2901	1.1374	7.565	2.1622	21.9126	2.16275
9000	-3.8442	-1.9897	5.2955	1.1372	7.623	2.1713	21.9432	2.17185
9100	-3.7959	-1.9347	5.3010	1.1370	7.681	2.1804	21.9759	2.18107
9200	-3.7478	-1.8801	5.3064	1.1370	7.739	2.1896	22.0104	2.19039
9300	-3.7001	-1.8258	5.3118	1.1371	7.798	2.1990	22.0462	2.19980
9400	-3.6527	-1.7720	5.3172	1.1373	7.857	2.2084	22.0837	2.20930
9500	-3.6058	-1.7185	5.3226	1.1375	7.917	2.2178	22.1221	2.21886
9600	-3.5592	-1.6655	5.3279	1.1377	7.976	2.2273	22.1613	2.22849
9700	-3.5131	-1.6130	5.3332	1.1381	8.036	2.2369	22.2015	2.23818
9800	-3.4674	-1.5610	5.3384	1.1385	8.096	2.2465	22.2420	2.24792
9900	-3.4221	-1.5095	5.3436	1.1388	8.156	2.2562	22.2831	2.25770
10000	-3.3773	-1.4585	5.3488	1.1392	8.216	2.2659	22.3244	2.26753
10100	-3.3331	-1.4081	5.3539	1.1398	8.277	2.2755	22.3656	2.27738
10200	-3.2893	-1.3582	5.3590	1.1404	8.337	2.2853	22.4072	2.28728
10300	-3.2461	-1.3088	5.3640	1.1409	8.398	2.2950	22.4485	2.29718
10400	-3.2033	-1.2600	5.3690	1.1413	8.458	2.3047	22.4901	2.30712
10500	-3.1610	-1.2118	5.3740	1.1420	8.519	2.3145	22.5307	2.31707
10600	-3.1193	-1.1641	5.3789	1.1428	8.581	2.3242	22.5719	2.32704
10700	-3.0781	-1.1170	5.3837	1.1435	8.641	2.3340	22.6122	2.33701
10800	-3.0374	-1.0704	5.3885	1.1440	8.702	2.3437	22.6527	2.34700
10900	-2.9972	-1.0245	5.3933	1.1447	8.763	2.3535	22.6922	2.35698
11000	-2.9576	-0.9791	5.3980	1.1455	8.824	2.3632	22.7313	2.36696
11100	-2.9184	-0.9342	5.4027	1.1462	8.885	2.3729	22.7701	2.37695
11200	-2.8798	-0.8899	5.4073	1.1469	8.946	2.3826	22.8080	2.38692

S/R= 68.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	-2.8416	-0.8462	5.4119	1.1477	9.007	2.3922	22.8457	2.39689
11400	-2.8040	-0.8030	5.4164	1.1485	9.068	2.4019	22.8829	2.40686
11500	-2.7669	-0.7603	5.4209	1.1494	9.130	2.4115	22.9191	2.41687
11600	-2.7303	-0.7182	5.4253	1.1501	9.190	2.4211	22.9548	2.42675
11700	-2.6941	-0.6766	5.4297	1.1508	9.251	2.4306	22.9897	2.43668
11800	-2.6585	-0.6356	5.4341	1.1517	9.312	2.4401	23.0242	2.44659
11900	-2.6233	-0.5950	5.4384	1.1526	9.373	2.4496	23.0579	2.45649
12000	-2.5886	-0.5550	5.4426	1.1534	9.434	2.4591	23.0912	2.46638
12100	-2.5543	-0.5155	5.4468	1.1543	9.495	2.4685	23.1233	2.47624
12200	-2.5206	-0.4765	5.4510	1.1550	9.555	2.4779	23.1550	2.48608
12300	-2.4872	-0.4380	5.4551	1.1559	9.616	2.4872	23.1856	2.49589
12400	-2.4544	-0.4000	5.4592	1.1568	9.677	2.4965	23.2159	2.50569
12500	-2.4219	-0.3625	5.4633	1.1576	9.738	2.5058	23.2458	2.51546
12600	-2.3900	-0.3254	5.4672	1.1584	9.798	2.5150	23.2744	2.52522
12700	-2.3584	-0.2889	5.4712	1.1593	9.858	2.5242	23.3025	2.53494
12800	-2.3273	-0.2528	5.4751	1.1602	9.919	2.5334	23.3299	2.54463
12900	-2.2965	-0.2171	5.4790	1.1612	9.979	2.5425	23.3566	2.55431
13000	-2.2662	-0.1819	5.4828	1.1622	10.040	2.5515	23.3827	2.56396
13100	-2.2363	-0.1471	5.4866	1.1629	10.100	2.5605	23.4081	2.57357
13200	-2.2068	-0.1128	5.4904	1.1637	10.159	2.5695	23.4328	2.58315
13300	-2.1777	-0.0789	5.4941	1.1647	10.220	2.5783	23.4565	2.59271
13400	-2.1490	-0.0455	5.4978	1.1655	10.279	2.5872	23.4794	2.60223
13500	-2.1207	-0.0124	5.5014	1.1663	10.339	2.5960	23.5019	2.61172
13600	-2.0927	0.0202	5.5051	1.1673	10.399	2.6048	23.5240	2.62119
13700	-2.0651	0.0524	5.5086	1.1683	10.459	2.6135	23.5453	2.63062
13800	-2.0378	0.0843	5.5122	1.1692	10.519	2.6221	23.5662	2.64003
13900	-2.0110	0.1157	5.5157	1.1675	10.566	2.6307	23.5858	2.64938
14000	-1.9840	0.1472	5.5192	1.1709	10.636	2.6390	23.6076	2.65844
14100	-1.9583	0.1774	5.5226	1.1743	10.707	2.6478	23.6236	2.66801
14200	-1.9324	0.2077	5.5260	1.1726	10.755	2.6562	23.6414	2.67728
14300	-1.9069	0.2376	5.5293	1.1736	10.814	2.6646	23.6589	2.68650
14400	-1.8817	0.2672	5.5327	1.1744	10.872	2.6729	23.6758	2.69570
14500	-1.8569	0.2964	5.5360	1.1755	10.932	2.6812	23.6920	2.70487
14600	-1.8323	0.3253	5.5392	1.1762	10.990	2.6894	23.7075	2.71398
14700	-1.8081	0.3538	5.5425	1.1771	11.048	2.6976	23.7221	2.72307
14800	-1.7842	0.3820	5.5457	1.1781	11.107	2.7057	23.7367	2.73212
14900	-1.7606	0.4098	5.5489	1.1790	11.165	2.7138	23.7503	2.74112
15000	-1.7373	0.4373	5.5520	1.1795	11.222	2.7218	23.7634	2.75010

S/R= 69.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-6.8250	-5.3806	5.0327	1.0900	4.655	1.7677	25.0756	1.76768
4400	-6.6451	-5.1845	5.0466	1.0917	4.746	1.7931	25.3005	1.79312
4500	-6.4782	-5.0019	5.0596	1.0956	4.841	1.8175	25.4887	1.81746
4600	-6.3245	-4.8332	5.0716	1.0999	4.935	1.8405	25.6369	1.84050
4700	-6.1836	-4.6779	5.0828	1.1048	5.028	1.8622	25.7464	1.86216
4800	-6.0551	-4.5355	5.0932	1.1105	5.122	1.8823	25.8172	1.88234
4900	-5.9388	-4.4061	5.1026	1.1173	5.217	1.9009	25.8485	1.90090
5000	-5.8350	-4.2896	5.1112	1.1251	5.311	1.9177	25.8384	1.91771
5100	-5.7421	-4.1848	5.1191	1.1346	5.408	1.9328	25.7918	1.93280
5200	-5.6612	-4.0925	5.1260	1.1463	5.507	1.9459	25.7043	1.94591
5300	-5.5907	-4.0112	5.1322	1.1596	5.608	1.9572	25.5818	1.95719
5400	-5.5296	-3.9399	5.1377	1.1748	5.712	1.9667	25.4276	1.96672
5500	-5.4766	-3.8771	5.1426	1.1914	5.817	1.9747	25.2475	1.97468

S/R= 69.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-5.4304	-3.8216	5.1470	1.2084	5.921	1.9813	25.0474	1.98126
5700	-5.3895	-3.7719	5.1509	1.2242	6.021	1.9867	24.8330	1.98670
5800	-5.3526	-3.7265	5.1546	1.2372	6.113	1.9913	24.6106	1.99125
5900	-5.3186	-3.6841	5.1580	1.2460	6.193	1.9951	24.3855	1.99514
6000	-5.2863	-3.6438	5.1613	1.2503	6.261	1.9986	24.1625	1.99859
6100	-5.2550	-3.6046	5.1646	1.2499	6.317	2.0018	23.9453	2.00176
6200	-5.2239	-3.5658	5.1678	1.2453	6.362	2.0048	23.7369	2.00482
6300	-5.1924	-3.5267	5.1711	1.2380	6.399	2.0079	23.5390	2.00788
6400	-5.1603	-3.4871	5.1745	1.2290	6.432	2.0110	23.3533	2.01104
6500	-5.1271	-3.4464	5.1781	1.2194	6.462	2.0144	23.1812	2.01438
6600	-5.0926	-3.4045	5.1817	1.2098	6.491	2.0179	23.0228	2.01795
6700	-5.0567	-3.3613	5.1855	1.2003	6.521	2.0218	22.8789	2.02180
6800	-5.0193	-3.3166	5.1895	1.1917	6.552	2.0260	22.7491	2.02596
6900	-4.9804	-3.2703	5.1936	1.1837	6.585	2.0305	22.6338	2.03047
7000	-4.9399	-3.2226	5.1979	1.1766	6.621	2.0353	22.5325	2.03533
7100	-4.8979	-3.1733	5.2024	1.1702	6.658	2.0405	22.4447	2.04056
7200	-4.8545	-3.1226	5.2070	1.1645	6.698	2.0461	22.3696	2.04615
7300	-4.8098	-3.0707	5.2118	1.1596	6.740	2.0520	22.3069	2.05208
7400	-4.7638	-3.0174	5.2167	1.1554	6.784	2.0583	22.2555	2.05838
7500	-4.7167	-2.9631	5.2217	1.1517	6.829	2.0649	22.2149	2.06501
7600	-4.6686	-2.9078	5.2269	1.1484	6.876	2.0719	22.1843	2.07198
7700	-4.6196	-2.8517	5.2321	1.1457	6.925	2.0791	22.1628	2.07924
7800	-4.5699	-2.7948	5.2375	1.1434	6.976	2.0867	22.1496	2.08680
7900	-4.5196	-2.7373	5.2429	1.1413	7.027	2.0945	22.1441	2.09464
8000	-4.4688	-2.6794	5.2484	1.1397	7.080	2.1026	22.1456	2.10273
8100	-4.4176	-2.6211	5.2539	1.1382	7.134	2.1109	22.1531	2.11105
8200	-4.3662	-2.5626	5.2595	1.1369	7.188	2.1194	22.1663	2.11961
8300	-4.3146	-2.5039	5.2651	1.1361	7.244	2.1281	22.1845	2.12837
8400	-4.2628	-2.4451	5.2708	1.1353	7.300	2.1370	22.2071	2.13731
8500	-4.2111	-2.3864	5.2764	1.1347	7.357	2.1461	22.2336	2.14643
8600	-4.1595	-2.3278	5.2821	1.1343	7.415	2.1553	22.2635	2.15570
8700	-4.1080	-2.2694	5.2878	1.1339	7.473	2.1647	22.2963	2.16512
8800	-4.0566	-2.2113	5.2934	1.1337	7.531	2.1742	22.3319	2.17466
8900	-4.0056	-2.1534	5.2991	1.1335	7.590	2.1838	22.3698	2.18432
9000	-3.9549	-2.0959	5.3047	1.1336	7.650	2.1935	22.4094	2.19409
9100	-3.9045	-2.0388	5.3103	1.1336	7.709	2.2033	22.4507	2.20396
9200	-3.8545	-1.9821	5.3158	1.1338	7.770	2.2131	22.4935	2.21391
9300	-3.8049	-1.9258	5.3214	1.1340	7.830	2.2230	22.5372	2.22393
9400	-3.7557	-1.8701	5.3269	1.1344	7.891	2.2330	22.5819	2.23403
9500	-3.7071	-1.8149	5.3324	1.1347	7.952	2.2431	22.6272	2.24417
9600	-3.6589	-1.7602	5.3378	1.1350	8.013	2.2532	22.6732	2.25439
9700	-3.6112	-1.7061	5.3432	1.1354	8.074	2.2633	22.7195	2.26464
9800	-3.5640	-1.6525	5.3485	1.1360	8.136	2.2735	22.7658	2.27493
9900	-3.5174	-1.5996	5.3538	1.1365	8.197	2.2837	22.8125	2.28525
10000	-3.4713	-1.5472	5.3591	1.1370	8.259	2.2939	22.8591	2.29561
10100	-3.4258	-1.4954	5.3643	1.1376	8.320	2.3041	22.9052	2.30598
10200	-3.3808	-1.4442	5.3694	1.1383	8.382	2.3143	22.9516	2.31639
10300	-3.3365	-1.3937	5.3745	1.1389	8.444	2.3245	22.9973	2.32679
10400	-3.2926	-1.3437	5.3796	1.1394	8.506	2.3347	23.0428	2.33722
10500	-3.2493	-1.2944	5.3846	1.1402	8.568	2.3450	23.0876	2.34764
10600	-3.2066	-1.2457	5.3895	1.1410	8.631	2.3552	23.1325	2.35809
10700	-3.1645	-1.1976	5.3944	1.1417	8.693	2.3654	23.1763	2.36852
10800	-3.1229	-1.1501	5.3993	1.1424	8.755	2.3756	23.2198	2.37896
10900	-3.0819	-1.1032	5.4041	1.1432	8.817	2.3857	23.2625	2.38938
11000	-3.0414	-1.0569	5.4088	1.1440	8.879	2.3959	23.3046	2.39981

S/R= 69.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	-3.0014	-1.0112	5.4135	1.1447	8.941	2.4060	23.3463	2.41023
11200	-2.9621	-0.9661	5.4182	1.1455	9.003	2.4161	23.3869	2.42062
11300	-2.9233	-0.9217	5.4228	1.1462	9.065	2.4262	23.4269	2.43101
11400	-2.8850	-0.8778	5.4273	1.1472	9.128	2.4362	23.4660	2.44138
11500	-2.8472	-0.8344	5.4319	1.1481	9.190	2.4463	23.5049	2.45175
11600	-2.8099	-0.7916	5.4363	1.1488	9.252	2.4562	23.5426	2.46208
11700	-2.7732	-0.7494	5.4407	1.1496	9.314	2.4662	23.5795	2.47240
11800	-2.7370	-0.7078	5.4451	1.1505	9.376	2.4761	23.6155	2.48269
11900	-2.7013	-0.6667	5.4494	1.1515	9.438	2.4859	23.6507	2.49297
12000	-2.6661	-0.6261	5.4537	1.1523	9.500	2.4958	23.6854	2.50322
12100	-2.6314	-0.5861	5.4579	1.1532	9.561	2.5055	23.7193	2.51345
12200	-2.5971	-0.5466	5.4621	1.1540	9.623	2.5153	23.7524	2.52366
12300	-2.5634	-0.5076	5.4662	1.1549	9.685	2.5250	23.7844	2.53382
12400	-2.5301	-0.4692	5.4703	1.1559	9.747	2.5346	23.8156	2.54396
12500	-2.4973	-0.4312	5.4743	1.1567	9.808	2.5442	23.8461	2.55407
12600	-2.4649	-0.3937	5.4783	1.1575	9.869	2.5538	23.8760	2.56417
12700	-2.4329	-0.3567	5.4823	1.1585	9.931	2.5633	23.9050	2.57423
12800	-2.4015	-0.3202	5.4862	1.1594	9.992	2.5728	23.9335	2.58425
12900	-2.3704	-0.2842	5.4901	1.1604	10.054	2.5822	23.9606	2.59424
13000	-2.3398	-0.2487	5.4939	1.1614	10.115	2.5915	23.9871	2.60421
13100	-2.3096	-0.2136	5.4977	1.1623	10.176	2.6008	24.0129	2.61412
13200	-2.2798	-0.1790	5.5015	1.1631	10.237	2.6101	24.0379	2.62402
13300	-2.2504	-0.1448	5.5052	1.1641	10.298	2.6193	24.0623	2.63388
13400	-2.2214	-0.1110	5.5089	1.1649	10.358	2.6284	24.0861	2.64371
13500	-2.1928	-0.0777	5.5125	1.1657	10.418	2.6375	24.1088	2.65349
13600	-2.1646	-0.0448	5.5161	1.1667	10.479	2.6466	24.1309	2.66324
13700	-2.1368	-0.0124	5.5197	1.1679	10.541	2.6555	24.1523	2.67296
13800	-2.1094	0.0197	5.5232	1.1688	10.601	2.6645	24.1730	2.68264
13900	-2.0823	0.0514	5.5267	1.1671	10.649	2.6733	24.1927	2.69227
14000	-2.0551	0.0831	5.5302	1.1706	10.720	2.6819	24.2150	2.70157
14100	-2.0292	0.1135	5.5336	1.1740	10.793	2.6909	24.2309	2.71144
14200	-2.0032	0.1440	5.5370	1.1723	10.840	2.6996	24.2484	2.72097
14300	-1.9776	0.1741	5.5403	1.1733	10.901	2.7083	24.2657	2.73045
14400	-1.9522	0.2038	5.5437	1.1742	10.960	2.7169	24.2823	2.73989
14500	-1.9272	0.2332	5.5469	1.1753	11.021	2.7254	24.2981	2.74930
14600	-1.9026	0.2621	5.5502	1.1761	11.080	2.7339	24.3133	2.75866
14700	-1.8782	0.2908	5.5534	1.1770	11.139	2.7423	24.3277	2.76799
14800	-1.8542	0.3191	5.5566	1.1780	11.198	2.7506	24.3419	2.77728
14900	-1.8305	0.3471	5.5598	1.1789	11.257	2.7589	24.3552	2.78652
15000	-1.8071	0.3747	5.5629	1.1794	11.314	2.7672	24.3679	2.79572

S/R= 70.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-6.9047	-5.4539	5.0447	1.0914	4.691	1.7934	25.7749	1.79338
4400	-6.7292	-5.2625	5.0580	1.0933	4.783	1.8185	25.9761	1.81851
4500	-6.5677	-5.0855	5.0705	1.0977	4.878	1.8423	26.1362	1.84233
4600	-6.4202	-4.9233	5.0819	1.1028	4.973	1.8646	26.2526	1.86464
4700	-6.2863	-4.7752	5.0925	1.1086	5.068	1.8854	26.3264	1.88537
4800	-6.1658	-4.6412	5.1021	1.1155	5.164	1.9044	26.3564	1.90435
4900	-6.0584	-4.5210	5.1109	1.1240	5.261	1.9215	26.3425	1.92146
5000	-5.9641	-4.4145	5.1187	1.1341	5.359	1.9366	26.2841	1.93660
5100	-5.8814	-4.3203	5.1256	1.1463	5.460	1.9498	26.1862	1.94980
5200	-5.8106	-4.2385	5.1318	1.1615	5.565	1.9609	26.0473	1.96094
5300	-5.7500	-4.1676	5.1371	1.1785	5.673	1.9702	25.8745	1.97019

S/R= 70.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5400	-5.6979	-4.1057	5.1419	1.1967	5.781	1.9778	25.6744	1.97780
5500	-5.6528	-4.0513	5.1461	1.2153	5.889	1.9840	25.4535	1.98400
5600	-5.6131	-4.0027	5.1499	1.2323	5.991	1.9891	25.2196	1.98906
5700	-5.5773	-3.9582	5.1534	1.2453	6.083	1.9933	24.9788	1.99327
5800	-5.5440	-3.9166	5.1568	1.2528	6.160	1.9969	24.7374	1.99687
5900	-5.5122	-3.8767	5.1600	1.2550	6.223	2.0001	24.4999	2.00009
6000	-5.4810	-3.8375	5.1632	1.2525	6.274	2.0031	24.2701	2.00312
6100	-5.4497	-3.7984	5.1665	1.2460	6.314	2.0061	24.0509	2.00607
6200	-5.4178	-3.7588	5.1698	1.2367	6.347	2.0091	23.8449	2.00910
6300	-5.3848	-3.7182	5.1732	1.2261	6.375	2.0123	23.6530	2.01230
6400	-5.3505	-3.6763	5.1768	1.2152	6.403	2.0157	23.4760	2.01572
6500	-5.3146	-3.6329	5.1806	1.2047	6.431	2.0194	23.3151	2.01944
6600	-5.2771	-3.5878	5.1845	1.1948	6.460	2.0235	23.1698	2.02348
6700	-5.2377	-3.5410	5.1886	1.1857	6.491	2.0279	23.0409	2.02791
6800	-5.1966	-3.4925	5.1929	1.1777	6.524	2.0327	22.9271	2.03270
6900	-5.1538	-3.4422	5.1973	1.1704	6.560	2.0379	22.8289	2.03791
7000	-5.1093	-3.3902	5.2020	1.1641	6.599	2.0435	22.7452	2.04350
7100	-5.0632	-3.3367	5.2068	1.1587	6.640	2.0495	22.6753	2.04950
7200	-5.0156	-3.2817	5.2118	1.1539	6.683	2.0558	22.6184	2.05589
7300	-4.9668	-3.2254	5.2169	1.1498	6.728	2.0626	22.5737	2.06265
7400	-4.9167	-3.1680	5.2222	1.1463	6.776	2.0697	22.5403	2.06978
7500	-4.8656	-3.1095	5.2276	1.1433	6.825	2.0772	22.5171	2.07725
7600	-4.8136	-3.0501	5.2331	1.1405	6.875	2.0849	22.5034	2.08504
7700	-4.7608	-2.9900	5.2386	1.1384	6.927	2.0930	22.4984	2.09314
7800	-4.7075	-2.9293	5.2442	1.1367	6.980	2.1014	22.5012	2.10153
7900	-4.6537	-2.8681	5.2500	1.1352	7.034	2.1100	22.5107	2.11018
8000	-4.5995	-2.8067	5.2558	1.1340	7.090	2.1189	22.5268	2.11907
8100	-4.5451	-2.7450	5.2616	1.1328	7.146	2.1280	22.5484	2.12818
8200	-4.4905	-2.6833	5.2674	1.1320	7.203	2.1373	22.5748	2.13751
8300	-4.4360	-2.6215	5.2733	1.1314	7.261	2.1467	22.6055	2.14702
8400	-4.3815	-2.5599	5.2792	1.1309	7.319	2.1564	22.6401	2.15670
8500	-4.3271	-2.4984	5.2850	1.1306	7.378	2.1662	22.6778	2.16654
8600	-4.2729	-2.4372	5.2909	1.1304	7.438	2.1761	22.7184	2.17651
8700	-4.2191	-2.3763	5.2967	1.1303	7.498	2.1862	22.7615	2.18661
8800	-4.1655	-2.3157	5.3025	1.1303	7.558	2.1963	22.8065	2.19683
8900	-4.1123	-2.2556	5.3083	1.1303	7.619	2.2066	22.8532	2.20715
9000	-4.0595	-2.1959	5.3141	1.1305	7.680	2.2169	22.9014	2.21755
9100	-4.0072	-2.1368	5.3198	1.1307	7.742	2.2273	22.9511	2.22805
9200	-3.9554	-2.0782	5.3256	1.1309	7.803	2.2378	23.0012	2.23861
9300	-3.9041	-2.0201	5.3312	1.1313	7.865	2.2483	23.0519	2.24922
9400	-3.8533	-1.9626	5.3368	1.1319	7.928	2.2589	23.1034	2.25990
9500	-3.8030	-1.9058	5.3424	1.1323	7.990	2.2695	23.1551	2.27062
9600	-3.7534	-1.8495	5.3479	1.1327	8.052	2.2801	23.2070	2.28139
9700	-3.7043	-1.7939	5.3534	1.1332	8.115	2.2908	23.2588	2.29218
9800	-3.6558	-1.7390	5.3588	1.1338	8.178	2.3015	23.3103	2.30301
9900	-3.6079	-1.6847	5.3642	1.1345	8.241	2.3122	23.3622	2.31386
10000	-3.5606	-1.6310	5.3695	1.1351	8.304	2.3229	23.4134	2.32473
10100	-3.5140	-1.5780	5.3747	1.1357	8.367	2.3336	23.4640	2.33560
10200	-3.4679	-1.5257	5.3799	1.1365	8.430	2.3443	23.5145	2.34649
10300	-3.4225	-1.4741	5.3851	1.1371	8.493	2.3550	23.5642	2.35738
10400	-3.3777	-1.4231	5.3902	1.1378	8.556	2.3657	23.6135	2.36828
10500	-3.3335	-1.3728	5.3952	1.1387	8.620	2.3764	23.6618	2.37917
10600	-3.2899	-1.3231	5.4002	1.1395	8.683	2.3871	23.7096	2.39006
10700	-3.2469	-1.2741	5.4052	1.1402	8.746	2.3977	23.7569	2.40095
10800	-3.2045	-1.2257	5.4101	1.1410	8.809	2.4083	23.8035	2.41182

S/R= 70.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10900	-3.1627	-1.1780	5.4149	1.1418	8.873	2.4189	23.8488	2.42268
11000	-3.1215	-1.1310	5.4197	1.1426	8.936	2.4295	23.8933	2.43352
11100	-3.0809	-1.0845	5.4244	1.1435	8.999	2.4400	23.9370	2.44435
11200	-3.0408	-1.0387	5.4291	1.1442	9.062	2.4505	23.9803	2.45517
11300	-3.0014	-0.9936	5.4337	1.1450	9.125	2.4610	24.0225	2.46596
11400	-2.9625	-0.9490	5.4383	1.1461	9.189	2.4714	24.0634	2.47672
11500	-2.9241	-0.9051	5.4428	1.1470	9.252	2.4818	24.1038	2.48747
11600	-2.8864	-0.8617	5.4473	1.1477	9.315	2.4922	24.1430	2.49818
11700	-2.8491	-0.8189	5.4517	1.1486	9.378	2.5025	24.1819	2.50888
11800	-2.8124	-0.7768	5.4561	1.1495	9.441	2.5128	24.2196	2.51955
11900	-2.7762	-0.7352	5.4604	1.1505	9.504	2.5230	24.2561	2.53019
12000	-2.7405	-0.6941	5.4646	1.1514	9.567	2.5332	24.2919	2.54080
12100	-2.7054	-0.6536	5.4689	1.1523	9.630	2.5433	24.3266	2.55137
12200	-2.6707	-0.6137	5.4731	1.1531	9.692	2.5534	24.3607	2.56192
12300	-2.6366	-0.5743	5.4772	1.1542	9.755	2.5634	24.3938	2.57244
12400	-2.6029	-0.5354	5.4813	1.1551	9.818	2.5734	24.4262	2.58292
12500	-2.5697	-0.4971	5.4853	1.1560	9.880	2.5833	24.4574	2.59336
12600	-2.5371	-0.4592	5.4893	1.1568	9.942	2.5932	24.4879	2.60377
12700	-2.5048	-0.4219	5.4933	1.1578	10.004	2.6030	24.5173	2.61415
12800	-2.4730	-0.3851	5.4972	1.1588	10.067	2.6128	24.5462	2.62449
12900	-2.4417	-0.3488	5.5011	1.1597	10.129	2.6225	24.5741	2.63480
13000	-2.4107	-0.3129	5.5049	1.1607	10.191	2.6322	24.6010	2.64507
13100	-2.3803	-0.2775	5.5087	1.1617	10.253	2.6418	24.6272	2.65528
13200	-2.3503	-0.2427	5.5124	1.1626	10.315	2.6513	24.6524	2.66547
13300	-2.3207	-0.2082	5.5161	1.1635	10.377	2.6608	24.6767	2.67562
13400	-2.2915	-0.1742	5.5198	1.1646	10.439	2.6702	24.7005	2.68573
13500	-2.2627	-0.1407	5.5234	1.1653	10.499	2.6796	24.7234	2.69579
13600	-2.2343	-0.1075	5.5270	1.1662	10.561	2.6889	24.7456	2.70583
13700	-2.2062	-0.0749	5.5306	1.1674	10.623	2.6982	24.7666	2.71582
13800	-2.1786	-0.0426	5.5341	1.1685	10.685	2.7074	24.7876	2.72576
13900	-2.1514	-0.0108	5.5376	1.1668	10.733	2.7165	24.8072	2.73565
14000	-2.1240	0.0211	5.5411	1.1703	10.806	2.7253	24.8291	2.74519
14100	-2.0980	0.0517	5.5444	1.1740	10.880	2.7346	24.8444	2.75533
14200	-2.0719	0.0823	5.5478	1.1722	10.928	2.7436	24.8620	2.76511
14300	-2.0461	0.1125	5.5512	1.1730	10.988	2.7524	24.8790	2.77484
14400	-2.0206	0.1424	5.5545	1.1739	11.048	2.7613	24.8950	2.78452
14500	-1.9955	0.1719	5.5578	1.1752	11.110	2.7701	24.9105	2.79417
14600	-1.9708	0.2010	5.5610	1.1762	11.171	2.7787	24.9250	2.80376
14700	-1.9464	0.2297	5.5642	1.1771	11.230	2.7874	24.9391	2.81332
14800	-1.9223	0.2581	5.5674	1.1779	11.290	2.7960	24.9525	2.82283
14900	-1.8985	0.2862	5.5705	1.1790	11.350	2.8045	24.9652	2.83228
15000	-1.8750	0.3138	5.5736	1.1796	11.409	2.8130	24.9771	2.84169

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4300	-6.9875	-5.5307	5.0560	1.0932	4.728	1.8184	26.4555	1.81840
4400	-6.8178	-5.3452	5.0688	1.0954	4.820	1.8430	26.6273	1.84298
4500	-6.6626	-5.1748	5.0806	1.1004	4.916	1.8661	26.7547	1.86609
4600	-6.5225	-5.0202	5.0914	1.1065	5.012	1.8874	26.8335	1.88743
4700	-6.3970	-4.8810	5.1013	1.1137	5.109	1.9069	26.8645	1.90690
4800	-6.2859	-4.7567	5.1101	1.1224	5.207	1.9244	26.8467	1.92437
4900	-6.1886	-4.6471	5.1180	1.1334	5.308	1.9397	26.7819	1.93973
5000	-6.1051	-4.5518	5.1250	1.1465	5.411	1.9529	26.6690	1.95289
5100	-6.0331	-4.4688	5.1311	1.1623	5.518	1.9640	26.5166	1.96401

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5200	-5.9727	-4.3979	5.1364	1.1817	5.631	1.9731	26.3255	1.97306
5300	-5.9213	-4.3367	5.1410	1.2020	5.744	1.9804	26.1051	1.98035
5400	-5.8772	-4.2832	5.1451	1.2222	5.855	1.9862	25.8641	1.98622
5500	-5.8385	-4.2355	5.1488	1.2400	5.959	1.9910	25.6104	1.99096
5600	-5.8036	-4.1919	5.1522	1.2530	6.050	1.9949	25.3518	1.99487
5700	-5.7709	-4.1508	5.1554	1.2595	6.125	1.9982	25.0939	1.99823
5800	-5.7395	-4.1111	5.1586	1.2595	6.183	2.0013	24.8422	2.00126
5900	-5.7083	-4.0719	5.1618	1.2543	6.228	2.0041	24.6000	2.00415
6000	-5.6767	-4.0324	5.1650	1.2459	6.264	2.0070	24.3704	2.00705
6100	-5.6442	-3.9920	5.1684	1.2349	6.292	2.0101	24.1559	2.01007
6200	-5.6103	-3.9504	5.1718	1.2227	6.318	2.0133	23.9577	2.01332
6300	-5.5747	-3.9071	5.1755	1.2109	6.343	2.0168	23.7762	2.01685
6400	-5.5374	-3.8621	5.1793	1.1997	6.370	2.0207	23.6129	2.02073
6500	-5.4980	-3.8151	5.1834	1.1894	6.398	2.0250	23.4668	2.02500
6600	-5.4566	-3.7661	5.1876	1.1799	6.429	2.0297	23.3382	2.02968
6700	-5.4133	-3.7151	5.1921	1.1718	6.463	2.0348	23.2266	2.03479
6800	-5.3679	-3.6621	5.1967	1.1647	6.501	2.0403	23.1318	2.04034
6900	-5.3208	-3.6073	5.2016	1.1585	6.540	2.0463	23.0523	2.04633
7000	-5.2719	-3.5508	5.2066	1.1530	6.582	2.0527	22.9879	2.05275
7100	-5.2214	-3.4928	5.2118	1.1485	6.627	2.0596	22.9369	2.05959
7200	-5.1695	-3.4333	5.2172	1.1446	6.674	2.0668	22.8992	2.06684
7300	-5.1163	-3.3725	5.2226	1.1412	6.722	2.0744	22.8731	2.07447
7400	-5.0621	-3.3107	5.2283	1.1384	6.773	2.0824	22.8578	2.08246
7500	-5.0070	-3.2480	5.2340	1.1360	6.825	2.0907	22.8522	2.09079
7600	-4.9511	-3.1846	5.2398	1.1339	6.878	2.0993	22.8557	2.09943
7700	-4.8946	-3.1206	5.2457	1.1324	6.933	2.1083	22.8668	2.10838
7800	-4.8376	-3.0561	5.2516	1.1310	6.989	2.1175	22.8851	2.11759
7900	-4.7804	-2.9915	5.2576	1.1298	7.046	2.1269	22.9095	2.12704
8000	-4.7230	-2.9266	5.2637	1.1290	7.104	2.1365	22.9395	2.13673
8100	-4.6655	-2.8617	5.2697	1.1284	7.162	2.1464	22.9743	2.14662
8200	-4.6080	-2.7969	5.2758	1.1278	7.221	2.1564	23.0133	2.15670
8300	-4.5507	-2.7322	5.2819	1.1275	7.282	2.1667	23.0558	2.16695
8400	-4.4936	-2.6678	5.2879	1.1272	7.342	2.1770	23.1015	2.17735
8500	-4.4367	-2.6037	5.2940	1.1271	7.403	2.1875	23.1498	2.18789
8600	-4.3802	-2.5400	5.3000	1.1270	7.464	2.1981	23.2004	2.19855
8700	-4.3241	-2.4768	5.3060	1.1271	7.526	2.2088	23.2528	2.20932
8800	-4.2684	-2.4140	5.3120	1.1274	7.589	2.2196	23.3066	2.22018
8900	-4.2133	-2.3518	5.3179	1.1276	7.651	2.2305	23.3619	2.23114
9000	-4.1586	-2.2902	5.3238	1.1278	7.713	2.2415	23.4176	2.24215
9100	-4.1045	-2.2292	5.3296	1.1282	7.776	2.2525	23.4744	2.25325
9200	-4.0510	-2.1688	5.3354	1.1286	7.840	2.2635	23.5314	2.26440
9300	-3.9981	-2.1091	5.3412	1.1291	7.903	2.2746	23.5887	2.27560
9400	-3.9458	-2.0500	5.3469	1.1298	7.967	2.2858	23.6463	2.28684
9500	-3.8941	-1.9916	5.3525	1.1303	8.031	2.2969	23.7036	2.29810
9600	-3.8431	-1.9340	5.3581	1.1307	8.094	2.3081	23.7610	2.30941
9700	-3.7927	-1.8770	5.3637	1.1313	8.158	2.3193	23.8179	2.32073
9800	-3.7431	-1.8208	5.3692	1.1320	8.222	2.3305	23.8741	2.33207
9900	-3.6940	-1.7653	5.3746	1.1328	8.287	2.3417	23.9302	2.34342
10000	-3.6456	-1.7104	5.3800	1.1335	8.351	2.3529	23.9858	2.35478
10100	-3.5979	-1.6564	5.3853	1.1341	8.415	2.3641	24.0405	2.36614
10200	-3.5509	-1.6030	5.3905	1.1349	8.480	2.3753	24.0945	2.37751
10300	-3.5046	-1.5504	5.3957	1.1357	8.544	2.3864	24.1475	2.38885
10400	-3.4588	-1.4984	5.4009	1.1364	8.608	2.3976	24.2002	2.40021
10500	-3.4138	-1.4472	5.4059	1.1373	8.673	2.4087	24.2519	2.41156
10600	-3.3694	-1.3967	5.4110	1.1381	8.737	2.4198	24.3026	2.42288

S/R= 71.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10700	-3.3256	-1.3469	5.4159	1.1389	8.801	2.4309	24.3522	2.43419
10800	-3.2825	-1.2978	5.4208	1.1398	8.866	2.4419	24.4010	2.44549
10900	-3.2400	-1.2493	5.4257	1.1406	8.930	2.4529	24.4489	2.45677
11000	-3.1982	-1.2016	5.4305	1.1414	8.994	2.4639	24.4960	2.46803
11100	-3.1569	-1.1545	5.4352	1.1424	9.059	2.4748	24.5415	2.47926
11200	-3.1163	-1.1080	5.4399	1.1433	9.123	2.4857	24.5863	2.49046
11300	-3.0763	-1.0623	5.4445	1.1441	9.187	2.4966	24.6302	2.50164
11400	-3.0368	-1.0171	5.4491	1.1451	9.252	2.5074	24.6734	2.51278
11500	-2.9980	-0.9726	5.4537	1.1460	9.316	2.5181	24.7153	2.52391
11600	-2.9597	-0.9287	5.4581	1.1469	9.380	2.5289	24.7558	2.53500
11700	-2.9220	-0.8855	5.4626	1.1478	9.444	2.5395	24.7956	2.54605
11800	-2.8849	-0.8428	5.4669	1.1487	9.508	2.5501	24.8343	2.55707
11900	-2.8483	-0.8008	5.4713	1.1497	9.571	2.5607	24.8722	2.56807
12000	-2.8122	-0.7592	5.4755	1.1506	9.635	2.5712	24.9088	2.57903
12100	-2.7767	-0.7184	5.4798	1.1516	9.699	2.5817	24.9446	2.58995
12200	-2.7417	-0.6781	5.4839	1.1525	9.763	2.5921	24.9794	2.60082
12300	-2.7072	-0.6383	5.4881	1.1535	9.826	2.6025	25.0129	2.61166
12400	-2.6732	-0.5991	5.4922	1.1545	9.890	2.6128	25.0459	2.62247
12500	-2.6397	-0.5604	5.4962	1.1554	9.953	2.6230	25.0781	2.63323
12600	-2.6067	-0.5222	5.5002	1.1562	10.016	2.6332	25.1089	2.64396
12700	-2.5742	-0.4846	5.5041	1.1573	10.079	2.6433	25.1387	2.65465
12800	-2.5421	-0.4475	5.5081	1.1583	10.143	2.6534	25.1676	2.66528
12900	-2.5105	-0.4109	5.5119	1.1593	10.206	2.6634	25.1956	2.67589
13000	-2.4794	-0.3748	5.5157	1.1603	10.269	2.6734	25.2229	2.68645
13100	-2.4488	-0.3392	5.5195	1.1613	10.332	2.6832	25.2491	2.69696
13200	-2.4185	-0.3041	5.5233	1.1622	10.394	2.6931	25.2742	2.70743
13300	-2.3887	-0.2694	5.5270	1.1632	10.457	2.7028	25.2989	2.71786
13400	-2.3593	-0.2352	5.5306	1.1643	10.520	2.7125	25.3225	2.72824
13500	-2.3304	-0.2015	5.5342	1.1651	10.581	2.7222	25.3450	2.73857
13600	-2.3018	-0.1682	5.5378	1.1661	10.644	2.7318	25.3670	2.74887
13700	-2.2736	-0.1354	5.5414	1.1672	10.706	2.7413	25.3880	2.75911
13800	-2.2459	-0.1029	5.5449	1.1682	10.768	2.7507	25.4083	2.76931
13900	-2.2185	-0.0710	5.5483	1.1665	10.818	2.7601	25.4278	2.77947
14000	-2.1910	-0.0389	5.5518	1.1701	10.891	2.7691	25.4491	2.78922
14100	-2.1649	-0.0083	5.5551	1.1739	10.967	2.7787	25.4641	2.79962
14200	-2.1387	0.0225	5.5585	1.1722	11.016	2.7879	25.4812	2.80964
14300	-2.1128	0.0528	5.5618	1.1730	11.076	2.7970	25.4973	2.81960
14400	-2.0873	0.0828	5.5651	1.1740	11.138	2.8061	25.5130	2.82951
14500	-2.0621	0.1124	5.5684	1.1752	11.200	2.8151	25.5277	2.83938
14600	-2.0373	0.1415	5.5716	1.1763	11.262	2.8240	25.5416	2.84919
14700	-2.0128	0.1704	5.5748	1.1771	11.322	2.8329	25.5550	2.85896
14800	-1.9886	0.1988	5.5780	1.1780	11.382	2.8417	25.5677	2.86868
14900	-1.9648	0.2269	5.5811	1.1792	11.444	2.8504	25.5794	2.87834
15000	-1.9413	0.2546	5.5842	1.1798	11.503	2.8591	25.5904	2.88795

S/R= 72.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4400	-6.9116	-5.4336	5.0788	1.1008	4.862	1.8664	27.2498	1.86637
4500	-6.7640	-5.2711	5.0900	1.1040	4.953	1.8885	27.3384	1.88850
4600	-6.6328	-5.1257	5.1001	1.1115	5.052	1.9086	27.3725	1.90856
4700	-6.5172	-4.9967	5.1091	1.1207	5.151	1.9265	27.3536	1.92647
4800	-6.4168	-4.8837	5.1171	1.1319	5.253	1.9421	27.2820	1.94211
4900	-6.3309	-4.7859	5.1241	1.1463	5.359	1.9554	27.1593	1.95540
5000	-6.2587	-4.7024	5.1302	1.1633	5.469	1.9664	26.9893	1.96642

S/R= 72.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-6.1976	-4.6307	5.1354	1.1836	5.584	1.9754	26.7822	1.97537
5200	-6.1467	-4.5699	5.1399	1.2069	5.704	1.9824	26.5422	1.98243
5300	-6.1034	-4.5171	5.1439	1.2288	5.819	1.9880	26.2809	1.98800
5400	-6.0655	-4.4701	5.1475	1.2476	5.925	1.9925	26.0078	1.99246
5500	-6.0313	-4.4271	5.1508	1.2603	6.015	1.9961	25.7309	1.99611
5600	-5.9992	-4.3865	5.1540	1.2656	6.087	1.9993	25.4564	1.99926
5700	-5.9680	-4.3470	5.1571	1.2637	6.141	2.0021	25.1906	2.00213
5800	-5.9367	-4.3076	5.1603	1.2562	6.181	2.0049	24.9361	2.00492
5900	-5.9047	-4.2676	5.1635	1.2453	6.211	2.0078	24.6961	2.00778
6000	-5.8715	-4.2264	5.1668	1.2328	6.236	2.0108	24.4730	2.01082
6100	-5.8366	-4.1836	5.1704	1.2196	6.260	2.0141	24.2684	2.01414
6200	-5.7998	-4.1389	5.1741	1.2066	6.283	2.0178	24.0826	2.01779
6300	-5.7608	-4.0921	5.1780	1.1948	6.309	2.0218	23.9165	2.02185
6400	-5.7196	-4.0431	5.1822	1.1841	6.337	2.0263	23.7694	2.02634
6500	-5.6761	-3.9918	5.1866	1.1745	6.368	2.0313	23.6414	2.03130
6600	-5.6303	-3.9383	5.1912	1.1662	6.403	2.0367	23.5322	2.03673
6700	-5.5824	-3.8826	5.1960	1.1593	6.441	2.0426	23.4405	2.04264
6800	-5.5325	-3.8248	5.2011	1.1531	6.482	2.0490	23.3658	2.04903
6900	-5.4806	-3.7652	5.2063	1.1479	6.525	2.0559	23.3067	2.05588
7000	-5.4271	-3.7039	5.2118	1.1435	6.571	2.0631	23.2624	2.06318
7100	-5.3721	-3.6411	5.2173	1.1397	6.620	2.0709	23.2316	2.07092
7200	-5.3158	-3.5770	5.2231	1.1366	6.670	2.0790	23.2132	2.07905
7300	-5.2583	-3.5118	5.2289	1.1339	6.722	2.0875	23.2059	2.08757
7400	-5.1999	-3.4456	5.2349	1.1318	6.776	2.0964	23.2087	2.09644
7500	-5.1408	-3.3788	5.2409	1.1298	6.831	2.1056	23.2205	2.10564
7600	-5.0811	-3.3114	5.2471	1.1283	6.887	2.1150	23.2403	2.11514
7700	-5.0210	-3.2436	5.2532	1.1272	6.945	2.1248	23.2672	2.12491
7800	-4.9606	-3.1756	5.2595	1.1262	7.003	2.1348	23.3003	2.13494
7900	-4.9001	-3.1075	5.2657	1.1254	7.062	2.1450	23.3388	2.14520
8000	-4.8396	-3.0394	5.2720	1.1249	7.122	2.1555	23.3821	2.15566
8100	-4.7792	-2.9715	5.2782	1.1245	7.183	2.1661	23.4294	2.16630
8200	-4.7190	-2.9038	5.2845	1.1242	7.244	2.1769	23.4800	2.17712
8300	-4.6591	-2.8364	5.2908	1.1241	7.306	2.1878	23.5336	2.18809
8400	-4.5995	-2.7694	5.2970	1.1241	7.368	2.1988	23.5898	2.19919
8500	-4.5403	-2.7029	5.3032	1.1241	7.431	2.2100	23.6478	2.21041
8600	-4.4816	-2.6369	5.3094	1.1243	7.494	2.2213	23.7076	2.22173
8700	-4.4235	-2.5715	5.3155	1.1245	7.558	2.2326	23.7684	2.23314
8800	-4.3659	-2.5067	5.3216	1.1248	7.621	2.2441	23.8304	2.24463
8900	-4.3089	-2.4426	5.3277	1.1252	7.686	2.2556	23.8931	2.25619
9000	-4.2525	-2.3792	5.3337	1.1255	7.749	2.2671	23.9559	2.26781
9100	-4.1967	-2.3164	5.3396	1.1260	7.814	2.2787	24.0192	2.27949
9200	-4.1417	-2.2544	5.3455	1.1267	7.879	2.2903	24.0825	2.29121
9300	-4.0873	-2.1932	5.3513	1.1272	7.944	2.3020	24.1458	2.30296
9400	-4.0336	-2.1326	5.3571	1.1278	8.009	2.3136	24.2088	2.31474
9500	-3.9807	-2.0729	5.3628	1.1285	8.074	2.3253	24.2712	2.32653
9600	-3.9285	-2.0139	5.3685	1.1291	8.139	2.3370	24.3334	2.33836
9700	-3.8769	-1.9557	5.3741	1.1297	8.204	2.3487	24.3948	2.35019
9800	-3.8261	-1.8983	5.3796	1.1304	8.269	2.3604	24.4556	2.36202
9900	-3.7761	-1.8417	5.3851	1.1312	8.335	2.3721	24.5155	2.37386
10000	-3.7267	-1.7858	5.3905	1.1321	8.400	2.3837	24.5746	2.38569
10100	-3.6781	-1.7308	5.3958	1.1328	8.466	2.3954	24.6327	2.39752
10200	-3.6301	-1.6764	5.4011	1.1336	8.531	2.4070	24.6901	2.40935
10300	-3.5829	-1.6229	5.4064	1.1344	8.597	2.4186	24.7464	2.42115
10400	-3.5364	-1.5701	5.4115	1.1352	8.662	2.4302	24.8016	2.43293
10500	-3.4906	-1.5181	5.4166	1.1361	8.728	2.4418	24.8557	2.44471

S/R= 72.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-3.4455	-1.4668	5.4217	1.1370	8.793	2.4533	24.9091	2.45646
10700	-3.4010	-1.4163	5.4267	1.1378	8.858	2.4648	24.9614	2.46820
10800	-3.3573	-1.3665	5.4316	1.1387	8.924	2.4762	25.0120	2.47990
10900	-3.3142	-1.3174	5.4364	1.1396	8.989	2.4876	25.0617	2.49158
11000	-3.2718	-1.2690	5.4412	1.1405	9.054	2.4990	25.1105	2.50322
11100	-3.2299	-1.2213	5.4460	1.1414	9.120	2.5103	25.1583	2.51485
11200	-3.1888	-1.1743	5.4507	1.1424	9.185	2.5216	25.2046	2.52644
11300	-3.1483	-1.1280	5.4553	1.1433	9.250	2.5328	25.2498	2.53799
11400	-3.1084	-1.0824	5.4599	1.1443	9.315	2.5440	25.2939	2.54950
11500	-3.0690	-1.0373	5.4645	1.1452	9.380	2.5551	25.3369	2.56098
11600	-3.0303	-0.9930	5.4689	1.1461	9.445	2.5662	25.3791	2.57244
11700	-2.9922	-0.9493	5.4734	1.1471	9.510	2.5772	25.4198	2.58385
11800	-2.9547	-0.9062	5.4777	1.1480	9.575	2.5881	25.4594	2.59521
11900	-2.9177	-0.8638	5.4820	1.1490	9.640	2.5990	25.4977	2.60653
12000	-2.8813	-0.8219	5.4863	1.1501	9.705	2.6099	25.5353	2.61783
12100	-2.8455	-0.7807	5.4905	1.1509	9.769	2.6207	25.5717	2.62907
12200	-2.8101	-0.7400	5.4947	1.1519	9.834	2.6314	25.6071	2.64028
12300	-2.7754	-0.6999	5.4988	1.1530	9.899	2.6421	25.6411	2.65143
12400	-2.7411	-0.6604	5.5029	1.1540	9.963	2.6527	25.6741	2.66255
12500	-2.7074	-0.6214	5.5070	1.1550	10.027	2.6632	25.7063	2.67362
12600	-2.6741	-0.5830	5.5109	1.1558	10.091	2.6737	25.7375	2.68464
12700	-2.6414	-0.5451	5.5149	1.1569	10.155	2.6842	25.7673	2.69563
12800	-2.6091	-0.5078	5.5188	1.1580	10.220	2.6945	25.7966	2.70656
12900	-2.5773	-0.4710	5.5226	1.1588	10.283	2.7048	25.8246	2.71746
13000	-2.5460	-0.4346	5.5264	1.1599	10.347	2.7150	25.8517	2.72829
13100	-2.5151	-0.3989	5.5302	1.1610	10.411	2.7252	25.8776	2.73907
13200	-2.4847	-0.3635	5.5339	1.1619	10.474	2.7353	25.9028	2.74981
13300	-2.4547	-0.3287	5.5376	1.1629	10.537	2.7453	25.9269	2.76051
13400	-2.4252	-0.2943	5.5413	1.1640	10.601	2.7553	25.9504	2.77116
13500	-2.3961	-0.2604	5.5449	1.1650	10.664	2.7652	25.9726	2.78175
13600	-2.3674	-0.2270	5.5484	1.1660	10.727	2.7750	25.9940	2.79229
13700	-2.3392	-0.1940	5.5519	1.1670	10.790	2.7848	26.0147	2.80278
13800	-2.3113	-0.1615	5.5554	1.1681	10.853	2.7945	26.0345	2.81322
13900	-2.2838	-0.1294	5.5589	1.1665	10.904	2.8041	26.0534	2.82361
14000	-2.2562	-0.0973	5.5623	1.1700	10.978	2.8133	26.0743	2.83358
14100	-2.2301	-0.0665	5.5657	1.1740	11.055	2.8232	26.0883	2.84423
14200	-2.2038	-0.0357	5.5690	1.1723	11.104	2.8326	26.1048	2.85448
14300	-2.1778	-0.0053	5.5723	1.1730	11.165	2.8420	26.1200	2.86466
14400	-2.1522	0.0248	5.5756	1.1741	11.227	2.8513	26.1348	2.87478
14500	-2.1270	0.0544	5.5788	1.1754	11.291	2.8605	26.1487	2.88486
14600	-2.1022	0.0836	5.5820	1.1765	11.353	2.8696	26.1618	2.89487
14700	-2.0777	0.1125	5.5852	1.1773	11.414	2.8787	26.1742	2.90484
14800	-2.0535	0.1410	5.5883	1.1783	11.475	2.8877	26.1859	2.91476
14900	-2.0296	0.1691	5.5914	1.1795	11.538	2.8966	26.1966	2.92461
15000	-2.0061	0.1968	5.5945	1.1801	11.597	2.9055	26.2068	2.93440

S/R= 73.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-6.8735	-5.3759	5.0985	1.1134	5.002	1.9093	27.8804	1.90930
4600	-6.7525	-5.2411	5.1078	1.1184	5.092	1.9278	27.8627	1.92777
4700	-6.6483	-5.1240	5.1159	1.1302	5.196	1.9438	27.7865	1.94377
4800	-6.5599	-5.0234	5.1230	1.1451	5.304	1.9573	27.6544	1.95728
4900	-6.4860	-4.9381	5.1291	1.1640	5.418	1.9683	27.4717	1.96833
5000	-6.4250	-4.8664	5.1343	1.1858	5.537	1.9772	27.2450	1.97716

S/R= 73.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-6.3739	-4.8052	5.1387	1.2100	5.658	1.9841	26.9871	1.98408
5200	-6.3311	-4.7528	5.1426	1.2350	5.780	1.9894	26.7058	1.98941
5300	-6.2939	-4.7064	5.1461	1.2548	5.888	1.9936	26.4131	1.99362
5400	-6.2603	-4.6639	5.1493	1.2674	5.978	1.9971	26.1179	1.99706
5500	-6.2286	-4.6236	5.1524	1.2715	6.048	2.0000	25.8270	2.00003
5600	-6.1975	-4.5841	5.1555	1.2675	6.097	2.0028	25.5462	2.00277
5700	-6.1662	-4.5445	5.1586	1.2580	6.132	2.0055	25.2792	2.00548
5800	-6.1338	-4.5039	5.1619	1.2449	6.158	2.0083	25.0289	2.00831
5900	-6.0998	-4.4619	5.1653	1.2304	6.179	2.0114	24.7971	2.01137
6000	-6.0639	-4.4179	5.1688	1.2162	6.201	2.0148	24.5853	2.01476
6100	-6.0257	-4.3717	5.1726	1.2026	6.223	2.0185	24.3950	2.01854
6200	-5.9851	-4.3231	5.1767	1.1902	6.248	2.0228	24.2259	2.02278
6300	-5.9419	-4.2720	5.1810	1.1792	6.276	2.0275	24.0777	2.02751
6400	-5.8962	-4.2183	5.1855	1.1695	6.308	2.0327	23.9505	2.03274
6500	-5.8480	-4.1622	5.1903	1.1612	6.343	2.0385	23.8434	2.03850
6600	-5.7974	-4.1036	5.1953	1.1541	6.382	2.0448	23.7550	2.04477
6700	-5.7446	-4.0428	5.2005	1.1481	6.424	2.0516	23.6850	2.05157
6800	-5.6898	-3.9800	5.2060	1.1430	6.469	2.0588	23.6319	2.05886
6900	-5.6331	-3.9154	5.2117	1.1388	6.516	2.0666	23.5940	2.06663
7000	-5.5749	-3.8492	5.2175	1.1352	6.566	2.0748	23.5705	2.07485
7100	-5.5152	-3.7816	5.2234	1.1323	6.618	2.0835	23.5597	2.08351
7200	-5.4545	-3.7129	5.2295	1.1298	6.672	2.0925	23.5605	2.09255
7300	-5.3928	-3.6432	5.2357	1.1277	6.727	2.1019	23.5719	2.10196
7400	-5.3303	-3.5729	5.2420	1.1260	6.783	2.1116	23.5923	2.11172
7500	-5.2673	-3.5020	5.2484	1.1246	6.841	2.1217	23.6206	2.12177
7600	-5.2040	-3.4308	5.2548	1.1236	6.900	2.1320	23.6566	2.13212
7700	-5.1404	-3.3594	5.2612	1.1228	6.960	2.1426	23.6983	2.14272
7800	-5.0768	-3.2880	5.2677	1.1222	7.021	2.1534	23.7455	2.15354
7900	-5.0132	-3.2167	5.2742	1.1217	7.082	2.1644	23.7973	2.16458
8000	-4.9498	-3.1455	5.2806	1.1213	7.144	2.1756	23.8528	2.17579
8100	-4.8867	-3.0748	5.2871	1.1212	7.207	2.1869	23.9118	2.18717
8200	-4.8239	-3.0044	5.2935	1.1211	7.270	2.1984	23.9733	2.19870
8300	-4.7615	-2.9345	5.3000	1.1212	7.334	2.2100	24.0371	2.21036
8400	-4.6997	-2.8651	5.3063	1.1213	7.398	2.2218	24.1029	2.22213
8500	-4.6384	-2.7964	5.3127	1.1215	7.462	2.2336	24.1696	2.23401
8600	-4.5777	-2.7283	5.3190	1.1219	7.527	2.2455	24.2378	2.24597
8700	-4.5176	-2.6609	5.3252	1.1222	7.592	2.2575	24.3066	2.25799
8800	-4.4582	-2.5942	5.3314	1.1226	7.657	2.2695	24.3755	2.27009
8900	-4.3995	-2.5283	5.3376	1.1232	7.723	2.2816	24.4453	2.28224
9000	-4.3416	-2.4632	5.3437	1.1237	7.788	2.2937	24.5146	2.29444
9100	-4.2844	-2.3989	5.3497	1.1242	7.854	2.3058	24.5840	2.30668
9200	-4.2279	-2.3354	5.3557	1.1249	7.920	2.3180	24.6531	2.31894
9300	-4.1722	-2.2727	5.3616	1.1255	7.986	2.3302	24.7214	2.33122
9400	-4.1173	-2.2109	5.3674	1.1262	8.052	2.3424	24.7891	2.34352
9500	-4.0632	-2.1499	5.3732	1.1269	8.119	2.3546	24.8561	2.35583
9600	-4.0098	-2.0898	5.3789	1.1276	8.185	2.3668	24.9229	2.36816
9700	-3.9572	-2.0305	5.3845	1.1284	8.252	2.3789	24.9880	2.38047
9800	-3.9054	-1.9720	5.3901	1.1291	8.318	2.3911	25.0523	2.39278
9900	-3.8544	-1.9144	5.3956	1.1299	8.384	2.4033	25.1159	2.40509
10000	-3.8041	-1.8575	5.4010	1.1308	8.451	2.4154	25.1785	2.41739
10100	-3.7547	-1.8016	5.4064	1.1316	8.518	2.4275	25.2395	2.42966
10200	-3.7059	-1.7464	5.4117	1.1325	8.584	2.4396	25.2996	2.44193
10300	-3.6580	-1.6921	5.4170	1.1334	8.651	2.4516	25.3585	2.45416
10400	-3.6107	-1.6385	5.4222	1.1342	8.717	2.4636	25.4166	2.46638
10500	-3.5643	-1.5858	5.4273	1.1351	8.784	2.4756	25.4728	2.47857

S/R= 73.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-3.5185	-1.5338	5.4323	1.1360	8.850	2.4875	25.5279	2.49073
10700	-3.4734	-1.4826	5.4373	1.1369	8.917	2.4994	25.5819	2.50286
10800	-3.4291	-1.4322	5.4423	1.1378	8.983	2.5112	25.6350	2.51497
10900	-3.3854	-1.3825	5.4471	1.1388	9.050	2.5230	25.6863	2.52703
11000	-3.3425	-1.3336	5.4519	1.1397	9.116	2.5347	25.7364	2.53906
11100	-3.3002	-1.2853	5.4567	1.1406	9.182	2.5464	25.7852	2.55106
11200	-3.2586	-1.2378	5.4614	1.1417	9.248	2.5581	25.8329	2.56301
11300	-3.2176	-1.1910	5.4660	1.1426	9.314	2.5696	25.8794	2.57493
11400	-3.1773	-1.1449	5.4706	1.1436	9.381	2.5812	25.9247	2.58680
11500	-3.1375	-1.0995	5.4751	1.1445	9.446	2.5926	25.9684	2.59863
11600	-3.0985	-1.0548	5.4796	1.1455	9.512	2.6040	26.0111	2.61042
11700	-3.0600	-1.0107	5.4840	1.1465	9.578	2.6154	26.0527	2.62217
11800	-3.0221	-0.9672	5.4884	1.1474	9.644	2.6267	26.0927	2.63387
11900	-2.9848	-0.9244	5.4927	1.1485	9.709	2.6379	26.1320	2.64552
12000	-2.9481	-0.8823	5.4970	1.1495	9.775	2.6491	26.1701	2.65714
12100	-2.9120	-0.8407	5.5012	1.1505	9.841	2.6602	26.2065	2.66869
12200	-2.8764	-0.7998	5.5054	1.1515	9.906	2.6712	26.2422	2.68021
12300	-2.8414	-0.7594	5.5095	1.1525	9.972	2.6822	26.2764	2.69167
12400	-2.8069	-0.7196	5.5135	1.1535	10.036	2.6931	26.3101	2.70310
12500	-2.7729	-0.6804	5.5176	1.1545	10.102	2.7039	26.3421	2.71445
12600	-2.7395	-0.6418	5.5215	1.1555	10.166	2.7147	26.3729	2.72576
12700	-2.7065	-0.6037	5.5255	1.1567	10.232	2.7254	26.4029	2.73703
12800	-2.6741	-0.5661	5.5293	1.1577	10.297	2.7361	26.4318	2.74824
12900	-2.6421	-0.5291	5.5332	1.1586	10.361	2.7466	26.4600	2.75941
13000	-2.6106	-0.4926	5.5370	1.1597	10.426	2.7571	26.4864	2.77052
13100	-2.5796	-0.4567	5.5407	1.1607	10.490	2.7676	26.5122	2.78157
13200	-2.5491	-0.4212	5.5444	1.1618	10.555	2.7779	26.5366	2.79256
13300	-2.5190	-0.3862	5.5481	1.1629	10.619	2.7882	26.5604	2.80350
13400	-2.4894	-0.3518	5.5517	1.1638	10.683	2.7984	26.5833	2.81440
13500	-2.4602	-0.3177	5.5553	1.1649	10.747	2.8086	26.6050	2.82524
13600	-2.4314	-0.2842	5.5588	1.1660	10.811	2.8187	26.6260	2.83603
13700	-2.4030	-0.2511	5.5624	1.1669	10.874	2.8287	26.6458	2.84675
13800	-2.3751	-0.2185	5.5658	1.1681	10.939	2.8386	26.6648	2.85742
13900	-2.3476	-0.1864	5.5692	1.1665	10.990	2.8484	26.6828	2.86803
14000	-2.3199	-0.1541	5.5727	1.1702	11.065	2.8578	26.7030	2.87819
14100	-2.2937	-0.1233	5.5760	1.1742	11.143	2.8679	26.7162	2.88909
14200	-2.2674	-0.0924	5.5793	1.1725	11.193	2.8776	26.7318	2.89954
14300	-2.2414	-0.0620	5.5826	1.1732	11.255	2.8872	26.7460	2.90992
14400	-2.2158	-0.0319	5.5858	1.1742	11.317	2.8967	26.7599	2.92025
14500	-2.1905	-0.0023	5.5891	1.1756	11.382	2.9061	26.7728	2.93053
14600	-2.1657	0.0270	5.5922	1.1768	11.445	2.9154	26.7843	2.94073
14700	-2.1412	0.0558	5.5954	1.1777	11.507	2.9247	26.7957	2.95088
14800	-2.1170	0.0843	5.5985	1.1787	11.569	2.9339	26.8064	2.96098
14900	-2.0932	0.1124	5.6016	1.1799	11.632	2.9430	26.8159	2.97100
15000	-2.0697	0.1401	5.6046	1.1805	11.692	2.9521	26.8246	2.98097

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4500	-6.9924	-5.4905	5.1061	1.1214	5.044	1.9282	28.3741	1.92824
4600	-6.8833	-5.3681	5.1145	1.1278	5.137	1.9448	28.2965	1.94476
4700	-6.7917	-5.2641	5.1217	1.1435	5.247	1.9586	28.1569	1.95856
4800	-6.7160	-5.1767	5.1278	1.1632	5.363	1.9697	27.9613	1.96974
4900	-6.6538	-5.1037	5.1330	1.1873	5.486	1.9785	27.7193	1.97854
5000	-6.6031	-5.0427	5.1374	1.2137	5.613	1.9853	27.4404	1.98532

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5100	-6.5603	-4.9901	5.1412	1.2395	5.736	1.9905	27.1404	1.99050
5200	-6.5235	-4.9441	5.1446	1.2617	5.850	1.9945	26.8284	1.99451
5300	-6.4904	-4.9019	5.1478	1.2743	5.940	1.9978	26.5145	1.99776
5400	-6.4590	-4.8618	5.1508	1.2772	6.007	2.0006	26.2066	2.00057
5500	-6.4281	-4.8224	5.1538	1.2714	6.052	2.0032	25.9108	2.00321
5600	-6.3966	-4.7825	5.1569	1.2596	6.083	2.0058	25.6305	2.00585
5700	-6.3638	-4.7414	5.1602	1.2447	6.105	2.0087	25.3692	2.00866
5800	-6.3291	-4.6985	5.1636	1.2287	6.123	2.0117	25.1284	2.01174
5900	-6.2921	-4.6533	5.1672	1.2130	6.141	2.0152	24.9097	2.01521
6000	-6.2525	-4.6056	5.1711	1.1988	6.163	2.0191	24.7136	2.01913
6100	-6.2102	-4.5552	5.1752	1.1859	6.187	2.0235	24.5412	2.02354
6200	-6.1651	-4.5019	5.1796	1.1745	6.215	2.0285	24.3919	2.02849
6300	-6.1171	-4.4458	5.1843	1.1647	6.247	2.0340	24.2650	2.03401
6400	-6.0664	-4.3870	5.1893	1.1565	6.284	2.0401	24.1599	2.04008
6500	-6.0131	-4.3255	5.1945	1.1495	6.324	2.0467	24.0751	2.04673
6600	-5.9573	-4.2616	5.1999	1.1435	6.367	2.0539	24.0096	2.05393
6700	-5.8994	-4.1955	5.2056	1.1385	6.413	2.0616	23.9622	2.06166
6800	-5.8395	-4.1275	5.2115	1.1345	6.462	2.0699	23.9310	2.06990
6900	-5.7779	-4.0577	5.2175	1.1310	6.513	2.0786	23.9149	2.07861
7000	-5.7149	-3.9866	5.2237	1.1283	6.566	2.0877	23.9119	2.08778
7100	-5.6508	-3.9143	5.2300	1.1260	6.621	2.0973	23.9212	2.09736
7200	-5.5857	-3.8410	5.2365	1.1239	6.678	2.1073	23.9410	2.10732
7300	-5.5198	-3.7671	5.2430	1.1225	6.736	2.1176	23.9703	2.11762
7400	-5.4535	-3.6927	5.2496	1.1213	6.795	2.1282	24.0077	2.12824
7500	-5.3869	-3.6180	5.2562	1.1202	6.855	2.1391	24.0521	2.13915
7600	-5.3200	-3.5431	5.2629	1.1195	6.917	2.1502	24.1027	2.15032
7700	-5.2532	-3.4683	5.2696	1.1190	6.979	2.1616	24.1586	2.16171
7800	-5.1865	-3.3937	5.2763	1.1187	7.042	2.1732	24.2191	2.17332
7900	-5.1200	-3.3194	5.2829	1.1185	7.105	2.1849	24.2829	2.18510
8000	-5.0539	-3.2454	5.2896	1.1184	7.169	2.1968	24.3501	2.19705
8100	-4.9883	-3.1720	5.2962	1.1184	7.234	2.2089	24.4197	2.20914
8200	-4.9231	-3.0991	5.3028	1.1185	7.299	2.2211	24.4913	2.22135
8300	-4.8585	-3.0269	5.3094	1.1187	7.364	2.2334	24.5645	2.23368
8400	-4.7945	-2.9553	5.3159	1.1190	7.430	2.2457	24.6387	2.24610
8500	-4.7313	-2.8845	5.3224	1.1193	7.496	2.2582	24.7140	2.25861
8600	-4.6687	-2.8145	5.3288	1.1198	7.562	2.2707	24.7894	2.27118
8700	-4.6069	-2.7453	5.3351	1.1203	7.629	2.2833	24.8654	2.28381
8800	-4.5459	-2.6769	5.3414	1.1208	7.695	2.2959	24.9411	2.29649
8900	-4.4857	-2.6094	5.3476	1.1215	7.762	2.3085	25.0168	2.30920
9000	-4.4263	-2.5428	5.3538	1.1220	7.829	2.3212	25.0920	2.32195
9100	-4.3677	-2.4770	5.3599	1.1226	7.896	2.3339	25.1668	2.33473
9200	-4.3100	-2.4122	5.3659	1.1234	7.964	2.3465	25.2404	2.34751
9300	-4.2531	-2.3483	5.3718	1.1241	8.031	2.3592	25.3137	2.36032
9400	-4.1970	-2.2852	5.3777	1.1248	8.098	2.3719	25.3861	2.37312
9500	-4.1418	-2.2231	5.3835	1.1256	8.166	2.3846	25.4571	2.38592
9600	-4.0875	-2.1619	5.3893	1.1263	8.233	2.3973	25.5270	2.39872
9700	-4.0339	-2.1016	5.3949	1.1271	8.301	2.4099	25.5963	2.41151
9800	-3.9812	-2.0421	5.4005	1.1280	8.368	2.4226	25.6639	2.42428
9900	-3.9294	-1.9836	5.4061	1.1288	8.436	2.4352	25.7303	2.43704
10000	-3.8783	-1.9259	5.4115	1.1297	8.503	2.4477	25.7954	2.44978
10100	-3.8281	-1.8692	5.4169	1.1306	8.571	2.4603	25.8596	2.46249
10200	-3.7786	-1.8132	5.4223	1.1315	8.639	2.4728	25.9220	2.47519
10300	-3.7300	-1.7582	5.4275	1.1324	8.706	2.4852	25.9829	2.48783
10400	-3.6821	-1.7039	5.4327	1.1333	8.774	2.4976	26.0427	2.50046
10500	-3.6350	-1.6505	5.4379	1.1342	8.841	2.5100	26.1015	2.51306

S/R= 74.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-3.5886	-1.5979	5.4429	1.1352	8.909	2.5223	26.1583	2.52562
10700	-3.5431	-1.5462	5.4479	1.1362	8.976	2.5346	26.2138	2.53814
10800	-3.4982	-1.4952	5.4529	1.1371	9.044	2.5468	26.2681	2.55062
10900	-3.4540	-1.4450	5.4577	1.1381	9.111	2.5589	26.3209	2.56306
11000	-3.4106	-1.3955	5.4625	1.1390	9.178	2.5710	26.3720	2.57546
11100	-3.3679	-1.3468	5.4673	1.1399	9.245	2.5831	26.4223	2.58782
11200	-3.3259	-1.2989	5.4720	1.1410	9.312	2.5951	26.4708	2.60013
11300	-3.2845	-1.2517	5.4766	1.1420	9.380	2.6070	26.5180	2.61239
11400	-3.2438	-1.2052	5.4812	1.1430	9.447	2.6189	26.5640	2.62461
11500	-3.2037	-1.1593	5.4857	1.1439	9.513	2.6307	26.6089	2.63679
11600	-3.1643	-1.1143	5.4902	1.1450	9.580	2.6424	26.6517	2.64890
11700	-3.1256	-1.0699	5.4946	1.1460	9.647	2.6541	26.6937	2.66097
11800	-3.0874	-1.0261	5.4990	1.1470	9.713	2.6657	26.7342	2.67299
11900	-3.0499	-0.9830	5.5033	1.1479	9.779	2.6772	26.7737	2.68496
12000	-3.0128	-0.9405	5.5075	1.1490	9.846	2.6887	26.8117	2.69689
12100	-2.9765	-0.8987	5.5117	1.1502	9.913	2.7001	26.8486	2.70875
12200	-2.9407	-0.8575	5.5159	1.1512	9.979	2.7115	26.8841	2.72056
12300	-2.9055	-0.8169	5.5200	1.1523	10.045	2.7227	26.9185	2.73231
12400	-2.8708	-0.7770	5.5240	1.1532	10.111	2.7339	26.9515	2.74402
12500	-2.8366	-0.7375	5.5280	1.1542	10.177	2.7450	26.9834	2.75566
12600	-2.8030	-0.6987	5.5320	1.1553	10.243	2.7561	27.0146	2.76726
12700	-2.7699	-0.6604	5.5359	1.1565	10.309	2.7671	27.0440	2.77879
12800	-2.7373	-0.6228	5.5397	1.1575	10.375	2.7780	27.0723	2.79026
12900	-2.7052	-0.5856	5.5436	1.1585	10.440	2.7888	27.1000	2.80170
13000	-2.6736	-0.5490	5.5473	1.1595	10.505	2.7996	27.1260	2.81306
13100	-2.6425	-0.5129	5.5511	1.1606	10.570	2.8103	27.1512	2.82436
13200	-2.6118	-0.4773	5.5547	1.1618	10.636	2.8209	27.1752	2.83560
13300	-2.5817	-0.4422	5.5584	1.1629	10.701	2.8314	27.1983	2.84679
13400	-2.5520	-0.4076	5.5620	1.1638	10.765	2.8418	27.2203	2.85792
13500	-2.5227	-0.3736	5.5656	1.1650	10.831	2.8522	27.2413	2.86898
13600	-2.4938	-0.3399	5.5691	1.1661	10.896	2.8625	27.2614	2.88000
13700	-2.4654	-0.3068	5.5726	1.1669	10.959	2.8728	27.2803	2.89094
13800	-2.4374	-0.2741	5.5760	1.1682	11.024	2.8829	27.2984	2.90183
13900	-2.4099	-0.2419	5.5794	1.1667	11.076	2.8930	27.3156	2.91266
14000	-2.3822	-0.2097	5.5828	1.1703	11.152	2.9026	27.3348	2.92300
14100	-2.3560	-0.1789	5.5861	1.1745	11.232	2.9129	27.3466	2.93412
14200	-2.3296	-0.1480	5.5894	1.1727	11.282	2.9228	27.3610	2.94476
14300	-2.3037	-0.1175	5.5927	1.1736	11.344	2.9325	27.3743	2.95533
14400	-2.2781	-0.0874	5.5959	1.1746	11.408	2.9422	27.3868	2.96585
14500	-2.2528	-0.0578	5.5991	1.1759	11.473	2.9519	27.3984	2.97631
14600	-2.2280	-0.0286	5.6022	1.1772	11.537	2.9614	27.4087	2.98669
14700	-2.2035	0.0003	5.6054	1.1781	11.599	2.9708	27.4186	2.99701
14800	-2.1793	0.0288	5.6085	1.1792	11.662	2.9802	27.4280	3.00727
14900	-2.1556	0.0568	5.6115	1.1804	11.726	2.9895	27.4361	3.01746
15000	-2.1321	0.0845	5.6145	1.1809	11.786	2.9988	27.4435	3.02758

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
4700	-6.9481	-5.4178	5.1264	1.1750	5.335	1.9707	28.4616	1.97070
4800	-6.8847	-5.3433	5.1315	1.1874	5.432	1.9796	28.2035	1.97956
4900	-6.8333	-5.2815	5.1359	1.2167	5.565	1.9862	27.9074	1.98625
5000	-6.7910	-5.2293	5.1397	1.2445	5.692	1.9913	27.5859	1.99129
5100	-6.7543	-5.1831	5.1430	1.2667	5.806	1.9952	27.2549	1.99516
5200	-6.7215	-5.1412	5.1461	1.2809	5.900	1.9983	26.9220	1.99826

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5300	-6.6903	-5.1012	5.1491	1.2829	5.965	2.0009	26.5968	2.00094
5400	-6.6595	-5.0618	5.1521	1.2753	6.007	2.0035	26.2853	2.00347
5500	-6.6279	-5.0216	5.1552	1.2615	6.033	2.0060	25.9911	2.00605
5600	-6.5947	-4.9800	5.1584	1.2447	6.051	2.0088	25.7179	2.00884
5700	-6.5593	-4.9362	5.1619	1.2272	6.066	2.0119	25.4673	2.01195
5800	-6.5213	-4.8899	5.1655	1.2105	6.083	2.0155	25.2410	2.01549
5900	-6.4804	-4.8407	5.1695	1.1952	6.103	2.0195	25.0393	2.01952
6000	-6.4364	-4.7884	5.1737	1.1818	6.126	2.0241	24.8627	2.02411
6100	-6.3893	-4.7330	5.1782	1.1703	6.155	2.0293	24.7117	2.02929
6200	-6.3390	-4.6744	5.1831	1.1604	6.188	2.0351	24.5848	2.03507
6300	-6.2857	-4.6128	5.1882	1.1521	6.225	2.0415	24.4813	2.04147
6400	-6.2296	-4.5484	5.1936	1.1451	6.266	2.0485	24.4001	2.04847
6500	-6.1708	-4.4813	5.1992	1.1393	6.310	2.0561	24.3393	2.05608
6600	-6.1097	-4.4118	5.2051	1.1345	6.357	2.0642	24.2974	2.06425
6700	-6.0465	-4.3403	5.2112	1.1305	6.408	2.0729	24.2729	2.07295
6800	-5.9816	-4.2670	5.2175	1.1271	6.460	2.0821	24.2641	2.08217
6900	-5.9151	-4.1922	5.2239	1.1245	6.515	2.0918	24.2693	2.09184
7000	-5.8475	-4.1162	5.2305	1.1224	6.571	2.1019	24.2869	2.10195
7100	-5.7789	-4.0393	5.2371	1.1206	6.629	2.1124	24.3154	2.11245
7200	-5.7096	-3.9617	5.2439	1.1191	6.689	2.1233	24.3533	2.12331
7300	-5.6398	-3.8836	5.2507	1.1180	6.749	2.1344	24.3997	2.13449
7400	-5.5698	-3.8054	5.2576	1.1172	6.811	2.1459	24.4532	2.14597
7500	-5.4997	-3.7270	5.2645	1.1165	6.874	2.1576	24.5125	2.15770
7600	-5.4296	-3.6488	5.2713	1.1161	6.937	2.1695	24.5773	2.16967
7700	-5.3597	-3.5708	5.2782	1.1158	7.001	2.1817	24.6461	2.18183
7800	-5.2901	-3.4932	5.2851	1.1157	7.066	2.1940	24.7188	2.19419
7900	-5.2210	-3.4161	5.2920	1.1158	7.132	2.2065	24.7941	2.20670
8000	-5.1524	-3.3395	5.2988	1.1158	7.197	2.2191	24.8717	2.21935
8100	-5.0844	-3.2636	5.3056	1.1159	7.263	2.2319	24.9512	2.23212
8200	-5.0170	-3.1885	5.3123	1.1162	7.330	2.2447	25.0319	2.24500
8300	-4.9504	-3.1141	5.3190	1.1166	7.397	2.2576	25.1135	2.25797
8400	-4.8845	-3.0405	5.3256	1.1171	7.464	2.2706	25.1958	2.27101
8500	-4.8194	-2.9678	5.3322	1.1175	7.532	2.2837	25.2784	2.28412
8600	-4.7552	-2.8960	5.3387	1.1180	7.599	2.2968	25.3609	2.29728
8700	-4.6919	-2.8251	5.3451	1.1186	7.667	2.3099	25.4430	2.31048
8800	-4.6293	-2.7552	5.3514	1.1192	7.735	2.3231	25.5249	2.32373
8900	-4.5677	-2.6862	5.3577	1.1199	7.803	2.3363	25.6060	2.33699
9000	-4.5070	-2.6182	5.3639	1.1206	7.871	2.3495	25.6861	2.35026
9100	-4.4472	-2.5512	5.3701	1.1212	7.940	2.3627	25.7658	2.36356
9200	-4.3883	-2.4851	5.3762	1.1221	8.009	2.3759	25.8442	2.37686
9300	-4.3303	-2.4200	5.3821	1.1228	8.077	2.3891	25.9212	2.39015
9400	-4.2732	-2.3559	5.3881	1.1236	8.145	2.4022	25.9974	2.40345
9500	-4.2171	-2.2927	5.3939	1.1244	8.214	2.4154	26.0725	2.41673
9600	-4.1618	-2.2306	5.3997	1.1253	8.283	2.4285	26.1456	2.42999
9700	-4.1074	-2.1693	5.4054	1.1261	8.351	2.4416	26.2175	2.44323
9800	-4.0539	-2.1091	5.4110	1.1270	8.420	2.4547	26.2882	2.45645
9900	-4.0012	-2.0497	5.4165	1.1279	8.488	2.4677	26.3572	2.46964
10000	-3.9494	-1.9913	5.4220	1.1288	8.557	2.4807	26.4249	2.48281
10100	-3.8985	-1.9338	5.4274	1.1297	8.626	2.4937	26.4910	2.49594
10200	-3.8484	-1.8771	5.4328	1.1306	8.694	2.5066	26.5558	2.50905
10300	-3.7992	-1.8214	5.4380	1.1316	8.763	2.5194	26.6188	2.52211
10400	-3.7507	-1.7666	5.4432	1.1325	8.831	2.5322	26.6800	2.53513
10500	-3.7031	-1.7126	5.4484	1.1335	8.900	2.5450	26.7399	2.54811
10600	-3.6562	-1.6595	5.4534	1.1345	8.968	2.5577	26.7983	2.56105
10700	-3.6101	-1.6071	5.4584	1.1355	9.037	2.5703	26.8556	2.57396

S/R= 75.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	-3.5648	-1.5557	5.4634	1.1364	9.105	2.5829	26.9108	2.58681
10900	-3.5203	-1.5050	5.4682	1.1375	9.173	2.5954	26.9644	2.59960
11000	-3.4764	-1.4551	5.4730	1.1385	9.241	2.6079	27.0168	2.61236
11100	-3.4333	-1.4060	5.4778	1.1393	9.309	2.6203	27.0678	2.62507
11200	-3.3909	-1.3577	5.4825	1.1404	9.377	2.6326	27.1170	2.63772
11300	-3.3492	-1.3101	5.4871	1.1416	9.446	2.6449	27.1644	2.65032
11400	-3.3082	-1.2633	5.4916	1.1426	9.513	2.6570	27.2109	2.66287
11500	-3.2678	-1.2172	5.4962	1.1435	9.581	2.6692	27.2561	2.67537
11600	-3.2281	-1.1718	5.5006	1.1446	9.648	2.6812	27.2997	2.68781
11700	-3.1891	-1.1270	5.5050	1.1456	9.716	2.6932	27.3418	2.70020
11800	-3.1507	-1.0830	5.5094	1.1467	9.783	2.7051	27.3822	2.71252
11900	-3.1129	-1.0397	5.5136	1.1477	9.851	2.7170	27.4217	2.72479
12000	-3.0757	-0.9970	5.5179	1.1488	9.918	2.7287	27.4597	2.73702
12100	-3.0392	-0.9549	5.5221	1.1498	9.985	2.7404	27.4965	2.74916
12200	-3.0031	-0.9135	5.5262	1.1509	10.052	2.7521	27.5318	2.76127
12300	-2.9677	-0.8728	5.5303	1.1521	10.120	2.7636	27.5658	2.77330
12400	-2.9329	-0.8326	5.5343	1.1530	10.186	2.7751	27.5986	2.78528
12500	-2.8986	-0.7930	5.5383	1.1540	10.252	2.7865	27.6301	2.79719
12600	-2.8648	-0.7541	5.5422	1.1551	10.319	2.7978	27.6603	2.80905
12700	-2.8316	-0.7156	5.5461	1.1564	10.386	2.8090	27.6897	2.82085
12800	-2.7989	-0.6778	5.5500	1.1574	10.452	2.8202	27.7176	2.83258
12900	-2.7667	-0.6405	5.5538	1.1585	10.519	2.8313	27.7444	2.84426
13000	-2.7350	-0.6039	5.5575	1.1596	10.585	2.8423	27.7695	2.85586
13100	-2.7039	-0.5677	5.5612	1.1606	10.651	2.8532	27.7941	2.86740
13200	-2.6732	-0.5320	5.5649	1.1618	10.717	2.8640	27.8173	2.87887
13300	-2.6429	-0.4968	5.5685	1.1628	10.783	2.8748	27.8396	2.89029
13400	-2.6131	-0.4622	5.5721	1.1638	10.848	2.8855	27.8603	2.90164
13500	-2.5838	-0.4281	5.5756	1.1651	10.914	2.8961	27.8805	2.91292
13600	-2.5550	-0.3944	5.5791	1.1663	10.980	2.9066	27.8994	2.92416
13700	-2.5265	-0.3613	5.5826	1.1672	11.044	2.9171	27.9173	2.93530
13800	-2.4985	-0.3286	5.5860	1.1684	11.110	2.9275	27.9343	2.94639
13900	-2.4710	-0.2964	5.5894	1.1668	11.162	2.9377	27.9499	2.95741
14000	-2.4433	-0.2641	5.5928	1.1706	11.239	2.9475	27.9682	2.96793
14100	-2.4171	-0.2333	5.5961	1.1749	11.320	2.9581	27.9788	2.97926
14200	-2.3907	-0.2024	5.5993	1.1730	11.370	2.9681	27.9917	2.99008
14300	-2.3648	-0.1720	5.6026	1.1740	11.434	2.9780	28.0037	3.00082
14400	-2.3392	-0.1419	5.6058	1.1751	11.498	2.9879	28.0147	3.01151
14500	-2.3141	-0.1123	5.6089	1.1765	11.564	2.9977	28.0248	3.02213
14600	-2.2893	-0.0831	5.6120	1.1777	11.629	3.0074	28.0339	3.03267
14700	-2.2648	-0.0543	5.6151	1.1786	11.691	3.0171	28.0420	3.04315
14800	-2.2407	-0.0259	5.6182	1.1798	11.756	3.0266	28.0494	3.05356
14900	-2.2170	0.0021	5.6212	1.1810	11.820	3.0361	28.0563	3.06390
15000	-2.1937	0.0297	5.6242	1.1816	11.881	3.0454	28.0619	3.07415

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5000	-6.9864	-5.4237	5.1413	1.2815	5.783	1.9956	27.6935	1.99560
5100	-6.9535	-5.3816	5.1444	1.2861	5.855	1.9986	27.3421	1.99858
5200	-6.9226	-5.3417	5.1473	1.2885	5.921	2.0011	26.9988	2.00114
5300	-6.8919	-5.3022	5.1503	1.2795	5.961	2.0036	26.6703	2.00357
5400	-6.8601	-5.2618	5.1534	1.2637	5.983	2.0061	26.3617	2.00610
5500	-6.8265	-5.2196	5.1566	1.2451	5.998	2.0089	26.0759	2.00886
5600	-6.7905	-5.1751	5.1601	1.2263	6.011	2.0120	25.8146	2.01199
5700	-6.7515	-5.1276	5.1638	1.2083	6.025	2.0156	25.5799	2.01560

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5800	-6.7093	-5.0770	5.1678	1.1922	6.043	2.0198	25.3717	2.01975
5900	-6.6637	-5.0229	5.1721	1.1783	6.067	2.0245	25.1910	2.02450
6000	-6.6145	-4.9653	5.1767	1.1664	6.095	2.0299	25.0368	2.02988
6100	-6.5620	-4.9043	5.1817	1.1565	6.128	2.0359	24.9097	2.03593
6200	-6.5061	-4.8399	5.1870	1.1481	6.166	2.0426	24.8079	2.04264
6300	-6.4471	-4.7725	5.1926	1.1411	6.208	2.0500	24.7295	2.05000
6400	-6.3854	-4.7021	5.1984	1.1353	6.253	2.0580	24.6732	2.05800
6500	-6.3210	-4.6292	5.2045	1.1306	6.302	2.0666	24.6370	2.06660
6600	-6.2545	-4.5541	5.2108	1.1268	6.354	2.0758	24.6191	2.07577
6700	-6.1861	-4.4772	5.2173	1.1235	6.407	2.0855	24.6178	2.08547
6800	-6.1161	-4.3987	5.2240	1.1210	6.463	2.0956	24.6306	2.09566
6900	-6.0449	-4.3189	5.2308	1.1190	6.521	2.1063	24.6569	2.10629
7000	-5.9727	-4.2382	5.2377	1.1173	6.581	2.1173	24.6940	2.11733
7100	-5.8999	-4.1569	5.2447	1.1161	6.641	2.1287	24.7409	2.12875
7200	-5.8266	-4.0752	5.2517	1.1150	6.703	2.1404	24.7964	2.14049
7300	-5.7531	-3.9933	5.2588	1.1143	6.766	2.1525	24.8587	2.15252
7400	-5.6796	-3.9113	5.2659	1.1138	6.831	2.1647	24.9272	2.16482
7500	-5.6062	-3.8296	5.2730	1.1134	6.895	2.1772	25.0007	2.17735
7600	-5.5331	-3.7482	5.2801	1.1132	6.961	2.1900	25.0782	2.19009
7700	-5.4604	-3.6673	5.2872	1.1131	7.027	2.2029	25.1592	2.20300
7800	-5.3881	-3.5869	5.2942	1.1132	7.093	2.2159	25.2432	2.21608
7900	-5.3166	-3.5072	5.3012	1.1134	7.160	2.2291	25.3288	2.22928
8000	-5.2456	-3.4282	5.3082	1.1136	7.228	2.2424	25.4161	2.24261
8100	-5.1755	-3.3501	5.3151	1.1139	7.295	2.2558	25.5045	2.25604
8200	-5.1061	-3.2728	5.3219	1.1143	7.364	2.2692	25.5934	2.26956
8300	-5.0376	-3.1965	5.3287	1.1148	7.432	2.2828	25.6829	2.28314
8400	-4.9700	-3.1211	5.3354	1.1153	7.501	2.2964	25.7724	2.29678
8500	-4.9033	-3.0466	5.3421	1.1159	7.569	2.3100	25.8613	2.31048
8600	-4.8375	-2.9732	5.3486	1.1165	7.638	2.3237	25.9501	2.32421
8700	-4.7727	-2.9008	5.3551	1.1171	7.708	2.3374	26.0380	2.33796
8800	-4.7088	-2.8295	5.3615	1.1178	7.777	2.3511	26.1250	2.35174
8900	-4.6460	-2.7592	5.3679	1.1186	7.846	2.3648	26.2111	2.36553
9000	-4.5841	-2.6899	5.3741	1.1193	7.916	2.3785	26.2960	2.37932
9100	-4.5231	-2.6217	5.3803	1.1201	7.985	2.3922	26.3797	2.39312
9200	-4.4632	-2.5545	5.3864	1.1209	8.055	2.4059	26.4620	2.40690
9300	-4.4042	-2.4884	5.3924	1.1217	8.124	2.4195	26.5431	2.42068
9400	-4.3462	-2.4233	5.3984	1.1226	8.194	2.4332	26.6223	2.43444
9500	-4.2891	-2.3592	5.4042	1.1235	8.264	2.4468	26.7002	2.44817
9600	-4.2330	-2.2961	5.4100	1.1243	8.333	2.4604	26.7765	2.46188
9700	-4.1778	-2.2341	5.4157	1.1252	8.403	2.4739	26.8513	2.47557
9800	-4.1236	-2.1731	5.4214	1.1261	8.472	2.4874	26.9240	2.48921
9900	-4.0703	-2.1130	5.4269	1.1271	8.542	2.5009	26.9954	2.50283
10000	-4.0178	-2.0538	5.4324	1.1280	8.612	2.5143	27.0653	2.51642
10100	-3.9663	-1.9957	5.4378	1.1289	8.681	2.5276	27.1332	2.52996
10200	-3.9156	-1.9384	5.4432	1.1299	8.751	2.5409	27.1993	2.54345
10300	-3.8658	-1.8822	5.4484	1.1309	8.820	2.5542	27.2639	2.55690
10400	-3.8169	-1.8267	5.4536	1.1319	8.890	2.5673	27.3271	2.57032
10500	-3.7687	-1.7722	5.4588	1.1329	8.959	2.5805	27.3880	2.58368
10600	-3.7214	-1.7186	5.4638	1.1339	9.028	2.5935	27.4476	2.59698
10700	-3.6749	-1.6659	5.4688	1.1349	9.098	2.6065	27.5054	2.61024
10800	-3.6292	-1.6139	5.4737	1.1359	9.167	2.6195	27.5618	2.62346
10900	-3.5842	-1.5629	5.4786	1.1370	9.236	2.6323	27.6161	2.63661
11000	-3.5401	-1.5126	5.4834	1.1380	9.305	2.6451	27.6690	2.64970
11100	-3.4966	-1.4632	5.4881	1.1389	9.373	2.6579	27.7205	2.66275
11200	-3.4539	-1.4145	5.4928	1.1400	9.443	2.6705	27.7702	2.67573

S/R= 76.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11300	-3.4119	-1.3666	5.4974	1.1412	9.512	2.6831	27.8182	2.68866
11400	-3.3706	-1.3195	5.5020	1.1422	9.580	2.6956	27.8649	2.70153
11500	-3.3300	-1.2731	5.5065	1.1431	9.649	2.7081	27.9100	2.71434
11600	-3.2901	-1.2274	5.5109	1.1443	9.717	2.7204	27.9535	2.72708
11700	-3.2508	-1.1824	5.5153	1.1453	9.785	2.7327	27.9958	2.73978
11800	-3.2122	-1.1382	5.5196	1.1464	9.854	2.7449	28.0361	2.75240
11900	-3.1742	-1.0947	5.5239	1.1475	9.922	2.7571	28.0753	2.76496
12000	-3.1369	-1.0518	5.5281	1.1486	9.990	2.7691	28.1130	2.77747
12100	-3.1002	-1.0096	5.5323	1.1497	10.058	2.7811	28.1494	2.78989
12200	-3.0640	-0.9680	5.5364	1.1507	10.126	2.7930	28.1843	2.80227
12300	-3.0284	-0.9270	5.5404	1.1518	10.194	2.8048	28.2179	2.81457
12400	-2.9935	-0.8867	5.5444	1.1529	10.261	2.8165	28.2502	2.82681
12500	-2.9591	-0.8471	5.5484	1.1540	10.329	2.8282	28.2809	2.83899
12600	-2.9252	-0.8080	5.5523	1.1551	10.396	2.8398	28.3105	2.85109
12700	-2.8919	-0.7695	5.5562	1.1564	10.464	2.8512	28.3389	2.86313
12800	-2.8591	-0.7316	5.5600	1.1573	10.531	2.8627	28.3660	2.87511
12900	-2.8269	-0.6942	5.5638	1.1584	10.598	2.8740	28.3920	2.88702
13000	-2.7951	-0.6574	5.5675	1.1596	10.665	2.8852	28.4164	2.89886
13100	-2.7639	-0.6212	5.5712	1.1607	10.732	2.8964	28.4397	2.91062
13200	-2.7332	-0.5855	5.5748	1.1619	10.799	2.9074	28.4619	2.92231
13300	-2.7029	-0.5503	5.5784	1.1630	10.865	2.9184	28.4829	2.93394
13400	-2.6731	-0.5157	5.5820	1.1641	10.931	2.9293	28.5027	2.94550
13500	-2.6438	-0.4815	5.5855	1.1653	10.998	2.9402	28.5219	2.95699
13600	-2.6149	-0.4478	5.5890	1.1665	11.064	2.9509	28.5394	2.96842
13700	-2.5865	-0.4147	5.5924	1.1675	11.130	2.9615	28.5560	2.97976
13800	-2.5585	-0.3820	5.5958	1.1687	11.196	2.9721	28.5713	2.99103
13900	-2.5310	-0.3498	5.5992	1.1670	11.248	2.9826	28.5858	3.00224
14000	-2.5033	-0.3175	5.6025	1.1711	11.327	2.9925	28.6030	3.01291
14100	-2.4772	-0.2868	5.6058	1.1754	11.409	3.0033	28.6115	3.02443
14200	-2.4509	-0.2559	5.6090	1.1734	11.459	3.0135	28.6229	3.03541
14300	-2.4250	-0.2256	5.6122	1.1745	11.524	3.0236	28.6331	3.04632
14400	-2.3995	-0.1956	5.6154	1.1757	11.589	3.0336	28.6427	3.05716
14500	-2.3744	-0.1660	5.6185	1.1771	11.655	3.0436	28.6510	3.06792
14600	-2.3497	-0.1369	5.6216	1.1783	11.720	3.0535	28.6584	3.07861
14700	-2.3253	-0.1082	5.6247	1.1792	11.784	3.0633	28.6647	3.08923
14800	-2.3013	-0.0799	5.6277	1.1805	11.849	3.0730	28.6707	3.09977
14900	-2.2777	-0.0520	5.6307	1.1819	11.914	3.0826	28.6753	3.11023
15000	-2.2544	-0.0245	5.6337	1.1825	11.976	3.0921	28.6790	3.12062

S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
5600	-6.9828	-5.3667	5.1619	1.1979	5.946	2.0156	25.9265	2.01555
5700	-6.9394	-5.3146	5.1660	1.1898	5.985	2.0198	25.7110	2.01980
5800	-6.8922	-5.2588	5.1704	1.1752	6.007	2.0247	25.5253	2.02469
5900	-6.8411	-5.1991	5.1751	1.1630	6.036	2.0303	25.3684	2.03027
6000	-6.7863	-5.1356	5.1802	1.1528	6.069	2.0365	25.2396	2.03656
6100	-6.7278	-5.0685	5.1857	1.1444	6.108	2.0436	25.1386	2.04357
6200	-6.6660	-4.9980	5.1914	1.1375	6.151	2.0513	25.0630	2.05128
6300	-6.6011	-4.9244	5.1975	1.1317	6.197	2.0597	25.0108	2.05965
6400	-6.5335	-4.8480	5.2038	1.1270	6.247	2.0687	24.9801	2.06869
6500	-6.4635	-4.7693	5.2103	1.1233	6.299	2.0783	24.9687	2.07831
6600	-6.3916	-4.6886	5.2170	1.1203	6.355	2.0885	24.9746	2.08849
6700	-6.3180	-4.6063	5.2239	1.1178	6.412	2.0992	24.9957	2.09919
6800	-6.2432	-4.5227	5.2310	1.1159	6.471	2.1103	25.0302	2.11035

S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-6.1674	-4.4382	5.2381	1.1143	6.532	2.1219	25.0762	2.12193
7000	-6.0909	-4.3531	5.2453	1.1131	6.594	2.1338	25.1320	2.13389
7100	-6.0141	-4.2676	5.2526	1.1123	6.657	2.1461	25.1964	2.14619
7200	-5.9371	-4.1819	5.2599	1.1115	6.721	2.1587	25.2680	2.15878
7300	-5.8601	-4.0964	5.2672	1.1111	6.787	2.1716	25.3455	2.17164
7400	-5.7833	-4.0111	5.2745	1.1108	6.853	2.1846	25.4278	2.18473
7500	-5.7069	-3.9262	5.2818	1.1107	6.919	2.1979	25.5143	2.19803
7600	-5.6309	-3.8419	5.2891	1.1107	6.987	2.2114	25.6039	2.21151
7700	-5.5556	-3.7582	5.2964	1.1108	7.054	2.2250	25.6959	2.22514
7800	-5.4810	-3.6753	5.3035	1.1111	7.123	2.2387	25.7899	2.23891
7900	-5.4071	-3.5932	5.3107	1.1114	7.191	2.2526	25.8852	2.25279
8000	-5.3341	-3.5120	5.3178	1.1117	7.260	2.2665	25.9812	2.26676
8100	-5.2620	-3.4318	5.3248	1.1121	7.330	2.2805	26.0778	2.28082
8200	-5.1907	-3.3526	5.3317	1.1127	7.399	2.2946	26.1743	2.29495
8300	-5.1206	-3.2745	5.3385	1.1133	7.469	2.3088	26.2705	2.30913
8400	-5.0513	-3.1974	5.3453	1.1138	7.539	2.3229	26.3665	2.32335
8500	-4.9831	-3.1214	5.3520	1.1145	7.609	2.3371	26.4617	2.33760
8600	-4.9159	-3.0465	5.3587	1.1152	7.679	2.3513	26.5555	2.35187
8700	-4.8498	-2.9728	5.3652	1.1159	7.749	2.3656	26.6487	2.36616
8800	-4.7847	-2.9001	5.3717	1.1166	7.820	2.3798	26.7406	2.38046
8900	-4.7207	-2.8286	5.3780	1.1175	7.891	2.3940	26.8308	2.39475
9000	-4.6577	-2.7582	5.3843	1.1182	7.961	2.4082	26.9200	2.40904
9100	-4.5957	-2.6889	5.3905	1.1190	8.032	2.4224	27.0075	2.42333
9200	-4.5349	-2.6207	5.3966	1.1199	8.102	2.4365	27.0928	2.43757
9300	-4.4750	-2.5536	5.4027	1.1208	8.173	2.4507	27.1771	2.45181
9400	-4.4161	-2.4876	5.4086	1.1217	8.244	2.4647	27.2596	2.46603
9500	-4.3583	-2.4227	5.4145	1.1226	8.314	2.4788	27.3399	2.48020
9600	-4.3015	-2.3589	5.4203	1.1235	8.385	2.4928	27.4186	2.49434
9700	-4.2456	-2.2961	5.4260	1.1244	8.455	2.5068	27.4953	2.50846
9800	-4.1907	-2.2343	5.4317	1.1253	8.526	2.5207	27.5707	2.52253
9900	-4.1367	-2.1736	5.4372	1.1264	8.597	2.5345	27.6438	2.53655
10000	-4.0837	-2.1139	5.4427	1.1273	8.667	2.5483	27.7153	2.55053
10100	-4.0316	-2.0551	5.4481	1.1282	8.737	2.5621	27.7847	2.56447
10200	-3.9804	-1.9973	5.4535	1.1293	8.808	2.5758	27.8524	2.57835
10300	-3.9302	-1.9406	5.4587	1.1304	8.879	2.5894	27.9180	2.59217
10400	-3.8808	-1.8847	5.4639	1.1313	8.949	2.6029	27.9822	2.60596
10500	-3.8322	-1.8297	5.4690	1.1323	9.019	2.6164	28.0442	2.61968
10600	-3.7845	-1.7756	5.4741	1.1333	9.089	2.6298	28.1047	2.63335
10700	-3.7376	-1.7225	5.4791	1.1344	9.159	2.6432	28.1632	2.64696
10800	-3.6915	-1.6702	5.4840	1.1354	9.230	2.6565	28.2201	2.66051
10900	-3.6463	-1.6188	5.4888	1.1366	9.300	2.6697	28.2748	2.67400
11000	-3.6018	-1.5682	5.4936	1.1375	9.369	2.6828	28.3284	2.68744
11100	-3.5580	-1.5184	5.4983	1.1385	9.439	2.6959	28.3799	2.70080
11200	-3.5151	-1.4695	5.5030	1.1397	9.509	2.7088	28.4297	2.71411
11300	-3.4728	-1.4213	5.5076	1.1409	9.579	2.7217	28.4778	2.72734
11400	-3.4313	-1.3739	5.5121	1.1418	9.648	2.7346	28.5247	2.74052
11500	-3.3905	-1.3272	5.5166	1.1429	9.717	2.7473	28.5697	2.75364
11600	-3.3504	-1.2814	5.5210	1.1441	9.787	2.7600	28.6127	2.76668
11700	-3.3109	-1.2362	5.5254	1.1451	9.856	2.7725	28.6548	2.77966
11800	-3.2721	-1.1918	5.5297	1.1462	9.925	2.7850	28.6948	2.79256
11900	-3.2340	-1.1481	5.5339	1.1473	9.994	2.7974	28.7335	2.80540
12000	-3.1965	-1.1050	5.5381	1.1485	10.063	2.8098	28.7709	2.81819
12100	-3.1596	-1.0627	5.5423	1.1496	10.132	2.8220	28.8064	2.83088
12200	-3.1234	-1.0210	5.5464	1.1507	10.200	2.8342	28.8408	2.84351
12300	-3.0877	-0.9800	5.5504	1.1518	10.269	2.8462	28.8737	2.85607

S/R= 77.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-3.0527	-0.9396	5.5544	1.1529	10.337	2.8582	28.9046	2.86856
12500	-3.0182	-0.8998	5.5583	1.1540	10.405	2.8701	28.9351	2.88099
12600	-2.9843	-0.8606	5.5622	1.1551	10.473	2.8819	28.9637	2.89332
12700	-2.9509	-0.8221	5.5661	1.1564	10.542	2.8937	28.9911	2.90560
12800	-2.9181	-0.7841	5.5699	1.1575	10.609	2.9053	29.0171	2.91780
12900	-2.8858	-0.7467	5.5736	1.1586	10.677	2.9169	29.0419	2.92994
13000	-2.8540	-0.7099	5.5773	1.1598	10.745	2.9283	29.0653	2.94199
13100	-2.8228	-0.6736	5.5810	1.1608	10.812	2.9397	29.0876	2.95396
13200	-2.7920	-0.6379	5.5846	1.1621	10.880	2.9510	29.1085	2.96586
13300	-2.7618	-0.6027	5.5882	1.1633	10.947	2.9622	29.1279	2.97769
13400	-2.7320	-0.5681	5.5917	1.1645	11.015	2.9733	29.1465	2.98944
13500	-2.7027	-0.5340	5.5952	1.1656	11.082	2.9843	29.1639	3.00112
13600	-2.6739	-0.5003	5.5986	1.1668	11.149	2.9952	29.1801	3.01273
13700	-2.6455	-0.4672	5.6020	1.1679	11.215	3.0060	29.1950	3.02425
13800	-2.6176	-0.4346	5.6054	1.1691	11.282	3.0168	29.2091	3.03570
13900	-2.5901	-0.4024	5.6087	1.1673	11.334	3.0274	29.2217	3.04706
14000	-2.5624	-0.3702	5.6121	1.1716	11.414	3.0375	29.2372	3.05787
14100	-2.5364	-0.3395	5.6153	1.1761	11.498	3.0485	29.2441	3.06956
14200	-2.5102	-0.3088	5.6185	1.1740	11.547	3.0588	29.2536	3.08070
14300	-2.4844	-0.2785	5.6216	1.1752	11.613	3.0691	29.2620	3.09174
14400	-2.4590	-0.2486	5.6248	1.1764	11.680	3.0793	29.2699	3.10273
14500	-2.4340	-0.2191	5.6279	1.1778	11.746	3.0894	29.2763	3.11362
14600	-2.4094	-0.1901	5.6309	1.1790	11.812	3.0994	29.2814	3.12442
14700	-2.3851	-0.1615	5.6340	1.1800	11.876	3.1094	29.2861	3.13516
14800	-2.3612	-0.1333	5.6370	1.1813	11.942	3.1192	29.2895	3.14582
14900	-2.3377	-0.1056	5.6399	1.1828	12.008	3.1290	29.2923	3.15639
15000	-2.3146	-0.0782	5.6429	1.1835	12.071	3.1386	29.2940	3.16688

S/R= 78.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6000	-6.9510	-5.2987	5.1842	1.1373	6.040	2.0442	25.4734	2.04423
6100	-6.8863	-5.2252	5.1902	1.1341	6.093	2.0523	25.3998	2.05228
6200	-6.8183	-5.1492	5.1964	1.1284	6.141	2.0610	25.3517	2.06104
6300	-6.7473	-5.0683	5.2029	1.1238	6.191	2.0705	25.3263	2.07048
6400	-6.6739	-4.9860	5.2097	1.1201	6.245	2.0805	25.3212	2.08055
6500	-6.5984	-4.9015	5.2166	1.1172	6.302	2.0912	25.3344	2.09121
6600	-6.5211	-4.8153	5.2238	1.1149	6.360	2.1024	25.3633	2.10240
6700	-6.4426	-4.7278	5.2310	1.1130	6.421	2.1141	25.4063	2.11408
6800	-6.3631	-4.6394	5.2384	1.1115	6.482	2.1262	25.4609	2.12619
6900	-6.2830	-4.5504	5.2458	1.1103	6.546	2.1387	25.5258	2.13869
7000	-6.2025	-4.4610	5.2533	1.1096	6.611	2.1515	25.5995	2.15154
7100	-6.1219	-4.3716	5.2609	1.1090	6.676	2.1646	25.6799	2.16470
7200	-6.0414	-4.2824	5.2684	1.1086	6.742	2.1780	25.7666	2.17812
7300	-5.9611	-4.1934	5.2759	1.1084	6.810	2.1917	25.8581	2.19177
7400	-5.8813	-4.1050	5.2834	1.1083	6.878	2.2055	25.9532	2.20562
7500	-5.8021	-4.0172	5.2909	1.1084	6.946	2.2196	26.0515	2.21966
7600	-5.7236	-3.9301	5.2983	1.1085	7.015	2.2337	26.1520	2.23386
7700	-5.6459	-3.8440	5.3057	1.1088	7.085	2.2480	26.2541	2.24817
7800	-5.5690	-3.7587	5.3130	1.1092	7.154	2.2624	26.3574	2.26261
7900	-5.4931	-3.6745	5.3202	1.1096	7.224	2.2769	26.4610	2.27712
8000	-5.4181	-3.5913	5.3274	1.1101	7.295	2.2915	26.5655	2.29173
8100	-5.3442	-3.5092	5.3345	1.1107	7.366	2.3061	26.6691	2.30639
8200	-5.2713	-3.4283	5.3415	1.1113	7.436	2.3208	26.7723	2.32110
8300	-5.1995	-3.3484	5.3484	1.1119	7.507	2.3355	26.8750	2.33585

S/R= 78.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-5.1288	-3.2699	5.3553	1.1125	7.579	2.3502	26.9765	2.35063
8500	-5.0593	-3.1924	5.3620	1.1132	7.650	2.3649	27.0770	2.36542
8600	-4.9908	-3.1162	5.3687	1.1140	7.721	2.3797	27.1763	2.38022
8700	-4.9235	-3.0412	5.3753	1.1148	7.793	2.3944	27.2736	2.39502
8800	-4.8573	-2.9674	5.3818	1.1156	7.864	2.4091	27.3698	2.40982
8900	-4.7922	-2.8947	5.3882	1.1164	7.936	2.4238	27.4641	2.42460
9000	-4.7283	-2.8233	5.3945	1.1173	8.008	2.4385	27.5564	2.43936
9100	-4.6654	-2.7531	5.4007	1.1181	8.079	2.4531	27.6471	2.45411
9200	-4.6036	-2.6840	5.4068	1.1191	8.151	2.4678	27.7358	2.46883
9300	-4.5430	-2.6161	5.4129	1.1200	8.223	2.4823	27.8226	2.48351
9400	-4.4834	-2.5493	5.4188	1.1209	8.294	2.4968	27.9074	2.49815
9500	-4.4248	-2.4836	5.4247	1.1219	8.366	2.5113	27.9901	2.51276
9600	-4.3673	-2.4190	5.4305	1.1228	8.438	2.5257	28.0710	2.52732
9700	-4.3108	-2.3556	5.4362	1.1237	8.509	2.5401	28.1498	2.54184
9800	-4.2553	-2.2932	5.4419	1.1247	8.580	2.5544	28.2266	2.55632
9900	-4.2008	-2.2319	5.4474	1.1258	8.652	2.5687	28.3016	2.57075
10000	-4.1473	-2.1716	5.4529	1.1268	8.724	2.5829	28.3741	2.58511
10100	-4.0948	-2.1124	5.4583	1.1277	8.795	2.5970	28.4449	2.59942
10200	-4.0431	-2.0541	5.4637	1.1287	8.866	2.6110	28.5135	2.61368
10300	-3.9924	-1.9968	5.4689	1.1299	8.938	2.6250	28.5804	2.62787
10400	-3.9426	-1.9405	5.4741	1.1309	9.009	2.6389	28.6450	2.64201
10500	-3.8937	-1.8852	5.4792	1.1319	9.080	2.6528	28.7077	2.65609
10600	-3.8456	-1.8308	5.4842	1.1329	9.151	2.6665	28.7684	2.67010
10700	-3.7984	-1.7772	5.4892	1.1340	9.222	2.6802	28.8278	2.68405
10800	-3.7520	-1.7246	5.4941	1.1351	9.293	2.6938	28.8849	2.69794
10900	-3.7065	-1.6729	5.4989	1.1363	9.364	2.7074	28.9399	2.71175
11000	-3.6617	-1.6220	5.5037	1.1372	9.434	2.7208	28.9934	2.72550
11100	-3.6177	-1.5720	5.5084	1.1382	9.504	2.7342	29.0451	2.73919
11200	-3.5745	-1.5228	5.5130	1.1395	9.576	2.7475	29.0949	2.75280
11300	-3.5321	-1.4744	5.5176	1.1406	9.646	2.7607	29.1426	2.76633
11400	-3.4904	-1.4268	5.5221	1.1416	9.716	2.7738	29.1889	2.77980
11500	-3.4494	-1.3800	5.5266	1.1427	9.786	2.7868	29.2337	2.79321
11600	-3.4091	-1.3339	5.5310	1.1439	9.856	2.7998	29.2768	2.80654
11700	-3.3695	-1.2886	5.5353	1.1450	9.926	2.8126	29.3180	2.81979
11800	-3.3306	-1.2441	5.5396	1.1461	9.996	2.8254	29.3574	2.83296
11900	-3.2924	-1.2002	5.5438	1.1472	10.066	2.8381	29.3955	2.84608
12000	-3.2547	-1.1570	5.5480	1.1484	10.135	2.8507	29.4321	2.85912
12100	-3.2178	-1.1146	5.5521	1.1496	10.205	2.8632	29.4670	2.87207
12200	-3.1815	-1.0728	5.5562	1.1507	10.274	2.8756	29.5006	2.88495
12300	-3.1458	-1.0317	5.5602	1.1518	10.344	2.8879	29.5322	2.89775
12400	-3.1107	-0.9912	5.5642	1.1530	10.413	2.9001	29.5625	2.91047
12500	-3.0761	-0.9514	5.5681	1.1541	10.481	2.9122	29.5915	2.92313
12600	-3.0422	-0.9122	5.5719	1.1552	10.550	2.9243	29.6187	2.93569
12700	-3.0088	-0.8736	5.5758	1.1565	10.620	2.9362	29.6452	2.94819
12800	-2.9760	-0.8356	5.5795	1.1577	10.688	2.9481	29.6701	2.96061
12900	-2.9437	-0.7982	5.5833	1.1588	10.756	2.9599	29.6933	2.97295
13000	-2.9119	-0.7614	5.5869	1.1600	10.825	2.9715	29.7154	2.98520
13100	-2.8807	-0.7252	5.5906	1.1612	10.893	2.9831	29.7362	2.99736
13200	-2.8500	-0.6895	5.5941	1.1623	10.961	2.9946	29.7553	3.00946
13300	-2.8197	-0.6543	5.5977	1.1636	11.029	3.0060	29.7739	3.02148
13400	-2.7900	-0.6197	5.6012	1.1649	11.098	3.0173	29.7906	3.03340
13500	-2.7608	-0.5856	5.6046	1.1661	11.166	3.0284	29.8062	3.04525
13600	-2.7320	-0.5520	5.6081	1.1672	11.233	3.0395	29.8206	3.05702
13700	-2.7037	-0.5190	5.6114	1.1684	11.300	3.0506	29.8340	3.06870
13800	-2.6758	-0.4864	5.6148	1.1696	11.368	3.0615	29.8462	3.08031

S/R= 78.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13900	-2.6484	-0.4544	5.6181	1.1677	11.419	3.0723	29.8570	3.09182
14000	-2.6208	-0.4222	5.6214	1.1722	11.502	3.0825	29.8708	3.10275
14100	-2.5950	-0.3917	5.6245	1.1769	11.586	3.0936	29.8754	3.11460
14200	-2.5688	-0.3610	5.6277	1.1747	11.636	3.1041	29.8828	3.12586
14300	-2.5432	-0.3308	5.6309	1.1759	11.703	3.1146	29.8891	3.13703
14400	-2.5178	-0.3011	5.6340	1.1772	11.769	3.1249	29.8947	3.14813
14500	-2.4930	-0.2717	5.6370	1.1787	11.837	3.1351	29.8990	3.15914
14600	-2.4685	-0.2429	5.6401	1.1799	11.903	3.1453	29.9022	3.17005
14700	-2.4444	-0.2144	5.6431	1.1809	11.968	3.1553	29.9045	3.18089
14800	-2.4206	-0.1864	5.6460	1.1823	12.035	3.1653	29.9055	3.19164
14900	-2.3973	-0.1588	5.6489	1.1839	12.102	3.1751	29.9060	3.20229
15000	-2.3743	-0.1315	5.6518	1.1846	12.165	3.1849	29.9051	3.21286

S/R= 79.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6200	-6.9629	-5.2905	5.2019	1.1188	6.131	2.0719	25.6747	2.07194
6300	-6.8859	-5.2044	5.2089	1.1172	6.191	2.0824	25.6758	2.08246
6400	-6.8067	-5.1161	5.2160	1.1143	6.248	2.0936	25.6960	2.09358
6500	-6.7258	-5.0260	5.2234	1.1120	6.308	2.1053	25.7328	2.10526
6600	-6.6435	-4.9345	5.2309	1.1103	6.370	2.1174	25.7841	2.11746
6700	-6.5602	-4.8421	5.2385	1.1088	6.433	2.1301	25.8477	2.13009
6800	-6.4763	-4.7492	5.2462	1.1078	6.497	2.1431	25.9214	2.14313
6900	-6.3921	-4.6559	5.2539	1.1071	6.563	2.1565	26.0044	2.15653
7000	-6.3078	-4.5626	5.2616	1.1066	6.630	2.1702	26.0939	2.17023
7100	-6.2237	-4.4696	5.2694	1.1063	6.698	2.1841	26.1900	2.18421
7200	-6.1399	-4.3769	5.2771	1.1061	6.766	2.1983	26.2903	2.19842
7300	-6.0567	-4.2848	5.2848	1.1061	6.835	2.2127	26.3943	2.21284
7400	-5.9741	-4.1935	5.2925	1.1062	6.905	2.2273	26.5014	2.22742
7500	-5.8924	-4.1031	5.3001	1.1064	6.975	2.2421	26.6104	2.24217
7600	-5.8114	-4.0135	5.3077	1.1067	7.045	2.2569	26.7212	2.25705
7700	-5.7315	-3.9250	5.3151	1.1071	7.117	2.2719	26.8322	2.27202
7800	-5.6526	-3.8377	5.3226	1.1076	7.188	2.2869	26.9440	2.28710
7900	-5.5748	-3.7514	5.3299	1.1081	7.259	2.3020	27.0556	2.30223
8000	-5.4980	-3.6664	5.3371	1.1087	7.331	2.3172	27.1667	2.31743
8100	-5.4225	-3.5826	5.3443	1.1093	7.403	2.3324	27.2773	2.33268
8200	-5.3481	-3.5001	5.3514	1.1100	7.475	2.3476	27.3866	2.34795
8300	-5.2749	-3.4188	5.3583	1.1107	7.547	2.3629	27.4946	2.36325
8400	-5.2029	-3.3387	5.3652	1.1114	7.620	2.3781	27.6018	2.37857
8500	-5.1321	-3.2600	5.3720	1.1122	7.692	2.3934	27.7066	2.39387
8600	-5.0625	-3.1826	5.3787	1.1130	7.764	2.4086	27.8100	2.40918
8700	-4.9941	-3.1064	5.3853	1.1138	7.837	2.4238	27.9117	2.42448
8800	-4.9269	-3.0316	5.3918	1.1147	7.910	2.4390	28.0113	2.43976
8900	-4.8609	-2.9580	5.3982	1.1156	7.982	2.4542	28.1089	2.45501
9000	-4.7960	-2.8855	5.4046	1.1165	8.055	2.4693	28.2043	2.47024
9100	-4.7324	-2.8145	5.4108	1.1174	8.128	2.4844	28.2979	2.48543
9200	-4.6698	-2.7446	5.4169	1.1183	8.200	2.4995	28.3892	2.50059
9300	-4.6084	-2.6759	5.4230	1.1192	8.273	2.5145	28.4785	2.51571
9400	-4.5481	-2.6084	5.4290	1.1203	8.346	2.5294	28.5654	2.53077
9500	-4.4890	-2.5421	5.4348	1.1212	8.418	2.5443	28.6500	2.54579
9600	-4.4308	-2.4769	5.4407	1.1222	8.491	2.5592	28.7329	2.56076
9700	-4.3738	-2.4128	5.4464	1.1231	8.563	2.5739	28.8129	2.57569
9800	-4.3179	-2.3499	5.4520	1.1242	8.636	2.5886	28.8909	2.59054
9900	-4.2628	-2.2881	5.4575	1.1252	8.708	2.6033	28.9671	2.60535
10000	-4.2088	-2.2272	5.4630	1.1263	8.781	2.6178	29.0408	2.62010

S/R= 79.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	-4.1558	-2.1676	5.4684	1.1273	8.853	2.6323	29.1125	2.63477
10200	-4.1038	-2.1089	5.4737	1.1283	8.925	2.6467	29.1819	2.64938
10300	-4.0527	-2.0512	5.4790	1.1294	8.997	2.6610	29.2493	2.66393
10400	-4.0025	-1.9945	5.4841	1.1305	9.069	2.6753	29.3146	2.67843
10500	-3.9533	-1.9389	5.4892	1.1315	9.141	2.6895	29.3776	2.69284
10600	-3.9050	-1.8841	5.4942	1.1326	9.213	2.7036	29.4388	2.70718
10700	-3.8575	-1.8303	5.4992	1.1336	9.284	2.7176	29.4981	2.72146
10800	-3.8108	-1.7774	5.5041	1.1348	9.356	2.7315	29.5554	2.73568
10900	-3.7650	-1.7254	5.5089	1.1361	9.429	2.7454	29.6104	2.74980
11000	-3.7201	-1.6743	5.5136	1.1370	9.500	2.7591	29.6634	2.76386
11100	-3.6759	-1.6240	5.5183	1.1379	9.570	2.7728	29.7149	2.77784
11200	-3.6325	-1.5746	5.5229	1.1392	9.642	2.7864	29.7643	2.79175
11300	-3.5899	-1.5261	5.5275	1.1405	9.714	2.7999	29.8120	2.80558
11400	-3.5480	-1.4783	5.5320	1.1415	9.784	2.8133	29.8577	2.81933
11500	-3.5069	-1.4313	5.5364	1.1426	9.855	2.8266	29.9020	2.83301
11600	-3.4665	-1.3852	5.5408	1.1438	9.926	2.8398	29.9440	2.84661
11700	-3.4268	-1.3397	5.5451	1.1450	9.997	2.8529	29.9850	2.86014
11800	-3.3878	-1.2950	5.5493	1.1461	10.067	2.8659	30.0234	2.87357
11900	-3.3495	-1.2511	5.5535	1.1471	10.137	2.8789	30.0605	2.88693
12000	-3.3118	-1.2079	5.5577	1.1485	10.208	2.8917	30.0959	2.90021
12100	-3.2748	-1.1654	5.5618	1.1496	10.279	2.9045	30.1298	2.91341
12200	-3.2384	-1.1235	5.5658	1.1507	10.348	2.9171	30.1620	2.92652
12300	-3.2027	-1.0823	5.5698	1.1520	10.419	2.9297	30.1931	2.93956
12400	-3.1675	-1.0419	5.5737	1.1532	10.489	2.9421	30.2218	2.95250
12500	-3.1330	-1.0020	5.5776	1.1543	10.558	2.9545	30.2495	2.96537
12600	-3.0991	-0.9628	5.5815	1.1554	10.627	2.9667	30.2756	2.97814
12700	-3.0657	-0.9242	5.5853	1.1567	10.697	2.9789	30.3005	2.99085
12800	-3.0329	-0.8862	5.5890	1.1579	10.767	2.9909	30.3237	3.00346
12900	-3.0006	-0.8488	5.5927	1.1590	10.836	3.0029	30.3458	3.01599
13000	-2.9689	-0.8121	5.5963	1.1604	10.905	3.0148	30.3658	3.02843
13100	-2.9377	-0.7759	5.5999	1.1617	10.974	3.0265	30.3849	3.04078
13200	-2.9070	-0.7403	5.6035	1.1627	11.042	3.0382	30.4026	3.05305
13300	-2.8769	-0.7052	5.6070	1.1640	11.111	3.0498	30.4190	3.06523
13400	-2.8472	-0.6706	5.6105	1.1653	11.180	3.0612	30.4341	3.07732
13500	-2.8181	-0.6366	5.6139	1.1665	11.249	3.0726	30.4476	3.08932
13600	-2.7894	-0.6032	5.6173	1.1678	11.317	3.0838	30.4603	3.10123
13700	-2.7612	-0.5702	5.6206	1.1690	11.385	3.0950	30.4714	3.11306
13800	-2.7334	-0.5377	5.6239	1.1703	11.453	3.1061	30.4815	3.12481
13900	-2.7062	-0.5058	5.6272	1.1692	11.505	3.1170	30.4903	3.13645
14000	-2.6787	-0.4738	5.6305	1.1730	11.589	3.1274	30.5024	3.14749
14100	-2.6529	-0.4434	5.6336	1.1778	11.675	3.1386	30.5044	3.15946
14200	-2.6269	-0.4128	5.6367	1.1754	11.724	3.1493	30.5096	3.17084
14300	-2.6014	-0.3828	5.6398	1.1767	11.791	3.1598	30.5135	3.18211
14400	-2.5762	-0.3532	5.6429	1.1781	11.859	3.1703	30.5166	3.19331
14500	-2.5515	-0.3240	5.6459	1.1797	11.928	3.1807	30.5187	3.20441
14600	-2.5272	-0.2954	5.6489	1.1809	11.994	3.1909	30.5193	3.21540
14700	-2.5033	-0.2671	5.6519	1.1820	12.060	3.2010	30.5193	3.22632
14800	-2.4797	-0.2392	5.6548	1.1834	12.127	3.2111	30.5179	3.23714
14900	-2.4566	-0.2118	5.6577	1.1850	12.195	3.2210	30.5156	3.24786
15000	-2.4338	-0.1848	5.6606	1.1858	12.259	3.2309	30.5121	3.25848

S/R= 80.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6400	-6.9322	-5.2386	5.2229	1.1085	6.253	2.1077	26.1033	2.10774

S/R= 80.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-6.8461	-5.1431	5.2306	1.1077	6.318	2.1204	26.1631	2.12043
6600	-6.7589	-5.0467	5.2384	1.1063	6.383	2.1336	26.2355	2.13360
6700	-6.6712	-4.9496	5.2463	1.1054	6.448	2.1471	26.3183	2.14716
6800	-6.5832	-4.8524	5.2543	1.1047	6.515	2.1611	26.4102	2.16110
6900	-6.4951	-4.7552	5.2622	1.1043	6.584	2.1753	26.5092	2.17535
7000	-6.4073	-4.6582	5.2702	1.1040	6.652	2.1898	26.6143	2.18987
7100	-6.3200	-4.5618	5.2782	1.1039	6.722	2.2046	26.7240	2.20464
7200	-6.2332	-4.4660	5.2861	1.1039	6.792	2.2195	26.8371	2.21961
7300	-6.1472	-4.3711	5.2939	1.1041	6.863	2.2347	26.9530	2.23477
7400	-6.0621	-4.2771	5.3017	1.1044	6.934	2.2500	27.0705	2.25005
7500	-5.9780	-4.1842	5.3095	1.1047	7.006	2.2654	27.1895	2.26548
7600	-5.8949	-4.0924	5.3171	1.1051	7.078	2.2809	27.3089	2.28101
7700	-5.8129	-4.0018	5.3247	1.1056	7.150	2.2965	27.4287	2.29662
7800	-5.7322	-3.9125	5.3322	1.1062	7.223	2.3121	27.5479	2.31231
7900	-5.6526	-3.8244	5.3396	1.1068	7.296	2.3278	27.6664	2.32804
8000	-5.5743	-3.7377	5.3469	1.1075	7.369	2.3435	27.7842	2.34382
8100	-5.4972	-3.6524	5.3541	1.1082	7.442	2.3593	27.9002	2.35961
8200	-5.4214	-3.5683	5.3612	1.1089	7.515	2.3751	28.0153	2.37544
8300	-5.3470	-3.4857	5.3682	1.1096	7.588	2.3909	28.1283	2.39126
8400	-5.2738	-3.4045	5.3751	1.1105	7.662	2.4066	28.2395	2.40709
8500	-5.2018	-3.3245	5.3820	1.1113	7.735	2.4224	28.3492	2.42291
8600	-5.1312	-3.2460	5.3887	1.1121	7.809	2.4381	28.4561	2.43870
8700	-5.0618	-3.1689	5.3953	1.1130	7.882	2.4538	28.5613	2.45447
8800	-4.9937	-3.0930	5.4018	1.1139	7.956	2.4695	28.6645	2.47023
8900	-4.9269	-3.0185	5.4083	1.1148	8.030	2.4851	28.7647	2.48593
9000	-4.8612	-2.9453	5.4146	1.1157	8.103	2.5007	28.8628	2.50160
9100	-4.7968	-2.8734	5.4208	1.1167	8.177	2.5162	28.9590	2.51724
9200	-4.7336	-2.8028	5.4270	1.1177	8.251	2.5317	29.0522	2.53282
9300	-4.6715	-2.7334	5.4330	1.1186	8.324	2.5471	29.1434	2.54835
9400	-4.6106	-2.6652	5.4390	1.1196	8.398	2.5625	29.2323	2.56384
9500	-4.5509	-2.5983	5.4449	1.1207	8.472	2.5778	29.3181	2.57925
9600	-4.4922	-2.5326	5.4507	1.1216	8.545	2.5930	29.4023	2.59461
9700	-4.4347	-2.4680	5.4564	1.1227	8.618	2.6081	29.4838	2.60992
9800	-4.3782	-2.4046	5.4620	1.1238	8.692	2.6232	29.5632	2.62516
9900	-4.3228	-2.3423	5.4675	1.1248	8.765	2.6382	29.6397	2.64033
10000	-4.2684	-2.2811	5.4730	1.1258	8.838	2.6531	29.7145	2.65544
10100	-4.2150	-2.2209	5.4783	1.1269	8.911	2.6680	29.7868	2.67048
10200	-4.1627	-2.1619	5.4836	1.1280	8.984	2.6827	29.8567	2.68544
10300	-4.1113	-2.1039	5.4889	1.1291	9.057	2.6974	29.9241	2.70032
10400	-4.0608	-2.0469	5.4940	1.1301	9.130	2.7120	29.9899	2.71515
10500	-4.0113	-1.9909	5.4991	1.1312	9.203	2.7265	30.0532	2.72990
10600	-3.9627	-1.9359	5.5041	1.1324	9.276	2.7409	30.1142	2.74456
10700	-3.9150	-1.8818	5.5090	1.1334	9.348	2.7553	30.1733	2.75915
10800	-3.8681	-1.8287	5.5139	1.1346	9.420	2.7695	30.2304	2.77367
10900	-3.8221	-1.7765	5.5187	1.1357	9.493	2.7836	30.2854	2.78810
11000	-3.7770	-1.7252	5.5234	1.1369	9.565	2.7977	30.3382	2.80246
11100	-3.7326	-1.6747	5.5280	1.1379	9.637	2.8117	30.3888	2.81674
11200	-3.6891	-1.6252	5.5326	1.1391	9.709	2.8255	30.4377	2.83092
11300	-3.6464	-1.5765	5.5372	1.1403	9.781	2.8393	30.4846	2.84503
11400	-3.6044	-1.5286	5.5416	1.1414	9.853	2.8529	30.5300	2.85905
11500	-3.5631	-1.4815	5.5460	1.1426	9.925	2.8665	30.5731	2.87300
11600	-3.5227	-1.4352	5.5504	1.1438	9.996	2.8800	30.6142	2.88685
11700	-3.4829	-1.3897	5.5547	1.1450	10.069	2.8934	30.6540	2.90063
11800	-3.4438	-1.3450	5.5589	1.1461	10.139	2.9066	30.6917	2.91431
11900	-3.4055	-1.3010	5.5631	1.1472	10.209	2.9198	30.7278	2.92791

S/R= 80.0

T	LOG(RHO)	LOG(P)	LOG(H/P)	GAMMA-E	A/AA	Z	H/RT	Z*
12000	-3.3677	-1.2577	5.5672	1.1486	10.282	2.9329	30.7618	2.94143
12100	-3.3307	-1.2151	5.5713	1.1498	10.353	2.9459	30.7944	2.95485
12200	-3.2944	-1.1733	5.5753	1.1508	10.423	2.9587	30.8254	2.96818
12300	-3.2586	-1.1321	5.5792	1.1521	10.494	2.9715	30.8547	2.98143
12400	-3.2235	-1.0916	5.5831	1.1533	10.564	2.9842	30.8823	2.99458
12500	-3.1890	-1.0518	5.5870	1.1545	10.635	2.9968	30.9086	3.00765
12600	-3.1551	-1.0126	5.5908	1.1557	10.705	3.0092	30.9329	3.02062
12700	-3.1217	-0.9741	5.5946	1.1570	10.775	3.0216	30.9560	3.03351
12800	-3.0890	-0.9362	5.5983	1.1583	10.845	3.0338	30.9773	3.04631
12900	-3.0567	-0.8988	5.6019	1.1594	10.915	3.0460	30.9976	3.05902
13000	-3.0251	-0.8621	5.6055	1.1608	10.985	3.0580	31.0162	3.07163
13100	-2.9940	-0.8260	5.6091	1.1622	11.055	3.0699	31.0330	3.08413
13200	-2.9634	-0.7905	5.6126	1.1631	11.123	3.0818	31.0487	3.09656
13300	-2.9334	-0.7555	5.6161	1.1645	11.193	3.0935	31.0631	3.10889
13400	-2.9038	-0.7211	5.6195	1.1659	11.263	3.1051	31.0761	3.12113
13500	-2.8748	-0.6872	5.6229	1.1671	11.332	3.1166	31.0874	3.13327
13600	-2.8462	-0.6538	5.6263	1.1684	11.401	3.1280	31.0979	3.14531
13700	-2.8181	-0.6210	5.6296	1.1698	11.470	3.1393	31.1067	3.15726
13800	-2.7905	-0.5887	5.6328	1.1710	11.539	3.1505	31.1145	3.16912
13900	-2.7634	-0.5569	5.6361	1.1689	11.590	3.1616	31.1208	3.18087
14000	-2.7360	-0.5250	5.6393	1.1739	11.676	3.1721	31.1306	3.19199
14100	-2.7105	-0.4948	5.6424	1.1788	11.763	3.1835	31.1301	3.20409
14200	-2.6847	-0.4644	5.6455	1.1764	11.812	3.1942	31.1330	3.21555
14300	-2.6593	-0.4346	5.6486	1.1777	11.880	3.2049	31.1343	3.22692
14400	-2.6343	-0.4051	5.6516	1.1791	11.948	3.2154	31.1348	3.23818
14500	-2.6098	-0.3762	5.6546	1.1807	12.018	3.2259	31.1339	3.24934
14600	-2.5857	-0.3477	5.6576	1.1821	12.085	3.2362	31.1319	3.26039
14700	-2.5620	-0.3196	5.6605	1.1833	12.152	3.2464	31.1289	3.27136
14800	-2.5386	-0.2920	5.6634	1.1847	12.219	3.2565	31.1245	3.28223
14900	-2.5157	-0.2648	5.6662	1.1862	12.287	3.2666	31.1195	3.29300
15000	-2.4931	-0.2380	5.6690	1.1870	12.351	3.2765	31.1134	3.30366

S/R= 81.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6500	-6.9595	-5.2533	5.2382	1.1034	6.330	2.1366	26.6233	2.13665
6600	-6.8678	-5.1521	5.2463	1.1031	6.399	2.1507	26.7155	2.15076
6700	-6.7759	-5.0507	5.2545	1.1025	6.467	2.1652	26.8165	2.16523
6800	-6.6841	-4.9495	5.2627	1.1021	6.536	2.1800	26.9250	2.18002
6900	-6.5925	-4.8486	5.2708	1.1019	6.606	2.1950	27.0391	2.19509
7000	-6.5014	-4.7483	5.2790	1.1018	6.677	2.2104	27.1580	2.21040
7100	-6.4111	-4.6487	5.2871	1.1019	6.748	2.2259	27.2803	2.22593
7200	-6.3216	-4.5501	5.2952	1.1021	6.820	2.2415	27.4050	2.24163
7300	-6.2331	-4.4525	5.3032	1.1024	6.892	2.2574	27.5315	2.25748
7400	-6.1456	-4.3561	5.3111	1.1028	6.965	2.2733	27.6589	2.27345
7500	-6.0594	-4.2610	5.3189	1.1032	7.038	2.2894	27.7867	2.28953
7600	-5.9743	-4.1671	5.3266	1.1037	7.111	2.3055	27.9146	2.30568
7700	-5.8905	-4.0746	5.3343	1.1043	7.185	2.3217	28.0414	2.32190
7800	-5.8080	-3.9835	5.3419	1.1050	7.259	2.3380	28.1679	2.33818
7900	-5.7269	-3.8938	5.3493	1.1057	7.333	2.3542	28.2924	2.35448
8000	-5.6471	-3.8056	5.3567	1.1064	7.407	2.3705	28.4161	2.37082
8100	-5.5687	-3.7188	5.3639	1.1072	7.482	2.3868	28.5372	2.38715
8200	-5.4917	-3.6335	5.3710	1.1079	7.556	2.4031	28.6569	2.40349
8300	-5.4160	-3.5496	5.3781	1.1087	7.630	2.4194	28.7747	2.41984
8400	-5.3417	-3.4672	5.3850	1.1097	7.705	2.4357	28.8899	2.43616

S/R= 81.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8500	-5.2688	-3.3862	5.3919	1.1104	7.779	2.4519	29.0028	2.45246
8600	-5.1972	-3.3067	5.3986	1.1113	7.854	2.4681	29.1134	2.46874
8700	-5.1269	-3.2286	5.4052	1.1123	7.929	2.4843	29.2215	2.48496
8800	-5.0580	-3.1519	5.4118	1.1132	8.003	2.5004	29.3272	2.50116
8900	-4.9904	-3.0766	5.4182	1.1142	8.078	2.5165	29.4304	2.51731
9000	-4.9241	-3.0027	5.4245	1.1152	8.153	2.5325	29.5306	2.53341
9100	-4.8589	-2.9300	5.4308	1.1161	8.227	2.5484	29.6286	2.54947
9200	-4.7951	-2.8587	5.4369	1.1171	8.302	2.5643	29.7241	2.56548
9300	-4.7325	-2.7888	5.4429	1.1181	8.376	2.5801	29.8167	2.58140
9400	-4.6710	-2.7200	5.4489	1.1191	8.450	2.5959	29.9068	2.59728
9500	-4.6108	-2.6525	5.4548	1.1202	8.525	2.6116	29.9943	2.61310
9600	-4.5517	-2.5863	5.4605	1.1213	8.599	2.6272	30.0793	2.62883
9700	-4.4937	-2.5213	5.4662	1.1223	8.673	2.6427	30.1617	2.64451
9800	-4.4368	-2.4574	5.4718	1.1233	8.747	2.6581	30.2415	2.66012
9900	-4.3810	-2.3947	5.4774	1.1244	8.822	2.6735	30.3192	2.67565
10000	-4.3263	-2.3331	5.4828	1.1255	8.896	2.6888	30.3940	2.69111
10100	-4.2726	-2.2727	5.4881	1.1265	8.970	2.7039	30.4665	2.70648
10200	-4.2199	-2.2133	5.4934	1.1276	9.043	2.7191	30.5372	2.72179
10300	-4.1682	-2.1550	5.4986	1.1288	9.117	2.7340	30.6048	2.73700
10400	-4.1175	-2.0977	5.5038	1.1299	9.191	2.7490	30.6702	2.75215
10500	-4.0678	-2.0415	5.5088	1.1310	9.264	2.7638	30.7332	2.76721
10600	-4.0189	-1.9862	5.5138	1.1322	9.338	2.7785	30.7945	2.78219
10700	-3.9710	-1.9320	5.5187	1.1332	9.411	2.7932	30.8530	2.79709
10800	-3.9240	-1.8786	5.5235	1.1344	9.484	2.8077	30.9096	2.81190
10900	-3.8779	-1.8263	5.5283	1.1356	9.558	2.8221	30.9637	2.82661
11000	-3.8326	-1.7748	5.5330	1.1367	9.631	2.8364	31.0162	2.84126
11100	-3.7881	-1.7242	5.5376	1.1378	9.703	2.8507	31.0664	2.85582
11200	-3.7445	-1.6746	5.5422	1.1390	9.776	2.8648	31.1143	2.87027
11300	-3.7017	-1.6258	5.5467	1.1403	9.849	2.8789	31.1603	2.88464
11400	-3.6596	-1.5778	5.5511	1.1414	9.921	2.8928	31.2044	2.89892
11500	-3.6183	-1.5306	5.5555	1.1426	9.994	2.9066	31.2469	2.91312
11600	-3.5778	-1.4843	5.5598	1.1438	10.066	2.9203	31.2869	2.92722
11700	-3.5380	-1.4387	5.5641	1.1450	10.138	2.9340	31.3251	2.94123
11800	-3.4989	-1.3940	5.5683	1.1462	10.210	2.9475	31.3612	2.95514
11900	-3.4605	-1.3499	5.5724	1.1473	10.281	2.9609	31.3961	2.96897
12000	-3.4228	-1.3066	5.5765	1.1487	10.354	2.9742	31.4291	2.98271
12100	-3.3858	-1.2641	5.5805	1.1499	10.426	2.9874	31.4600	2.99634
12200	-3.3494	-1.2223	5.5845	1.1511	10.497	3.0004	31.4893	3.00988
12300	-3.3137	-1.1811	5.5885	1.1525	10.569	3.0134	31.5169	3.02333
12400	-3.2786	-1.1407	5.5923	1.1536	10.640	3.0263	31.5429	3.03668
12500	-3.2442	-1.1009	5.5961	1.1548	10.711	3.0390	31.5672	3.04993
12600	-3.2103	-1.0618	5.5999	1.1561	10.782	3.0517	31.5899	3.06308
12700	-3.1770	-1.0233	5.6036	1.1574	10.853	3.0642	31.6110	3.07614
12800	-3.1444	-0.9855	5.6073	1.1588	10.924	3.0767	31.6303	3.08910
12900	-3.1122	-0.9482	5.6109	1.1599	10.994	3.0890	31.6484	3.10197
13000	-3.0807	-0.9116	5.6145	1.1613	11.065	3.1012	31.6650	3.11473
13100	-3.0497	-0.8756	5.6181	1.1627	11.136	3.1133	31.6796	3.12739
13200	-3.0193	-0.8402	5.6215	1.1637	11.204	3.1252	31.6932	3.13995
13300	-2.9893	-0.8054	5.6250	1.1651	11.275	3.1371	31.7052	3.15240
13400	-2.9599	-0.7711	5.6284	1.1666	11.346	3.1489	31.7157	3.16477
13500	-2.9310	-0.7373	5.6317	1.1678	11.415	3.1605	31.7249	3.17703
13600	-2.9026	-0.7041	5.6350	1.1691	11.484	3.1721	31.7326	3.18919
13700	-2.8747	-0.6715	5.6383	1.1706	11.554	3.1835	31.7390	3.20124
13800	-2.8473	-0.6393	5.6415	1.1719	11.624	3.1948	31.7444	3.21319
13900	-2.8203	-0.6077	5.6447	1.1697	11.675	3.2060	31.7479	3.22502

S/R= 81.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14000	-2.7931	-0.5760	5.6479	1.1749	11.762	3.2165	31.7551	3.23621
14100	-2.7678	-0.5460	5.6510	1.1800	11.851	3.2280	31.7516	3.24839
14200	-2.7422	-0.5159	5.6541	1.1775	11.900	3.2389	31.7516	3.25993
14300	-2.7170	-0.4862	5.6571	1.1788	11.969	3.2496	31.7502	3.27135
14400	-2.6922	-0.4570	5.6601	1.1802	12.037	3.2602	31.7476	3.28267
14500	-2.6679	-0.4283	5.6630	1.1820	12.107	3.2707	31.7441	3.29388
14600	-2.6441	-0.4001	5.6659	1.1835	12.176	3.2811	31.7391	3.30497
14700	-2.6206	-0.3723	5.6688	1.1847	12.243	3.2914	31.7327	3.31595
14800	-2.5975	-0.3449	5.6717	1.1862	12.311	3.3016	31.7253	3.32683
14900	-2.5748	-0.3179	5.6745	1.1877	12.379	3.3116	31.7169	3.33761
15000	-2.5525	-0.2914	5.6773	1.1884	12.443	3.3216	31.7072	3.34828

S/R= 82.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6600	-6.9707	-5.2513	5.2545	1.1001	6.417	2.1689	27.2222	2.16888
6700	-6.8749	-5.1459	5.2629	1.1000	6.488	2.1842	27.3403	2.18421
6800	-6.7795	-5.0410	5.2713	1.0998	6.559	2.1998	27.4638	2.19982
6900	-6.6846	-4.9367	5.2796	1.0998	6.631	2.2156	27.5919	2.21569
7000	-6.5906	-4.8332	5.2879	1.0999	6.703	2.2317	27.7235	2.23176
7100	-6.4975	-4.7309	5.2962	1.1002	6.776	2.2479	27.8571	2.24800
7200	-6.4055	-4.6296	5.3044	1.1005	6.850	2.2643	27.9929	2.26442
7300	-6.3147	-4.5297	5.3125	1.1009	6.923	2.2808	28.1287	2.28093
7400	-6.2251	-4.4310	5.3205	1.1014	6.998	2.2974	28.2651	2.29755
7500	-6.1369	-4.3338	5.3284	1.1020	7.072	2.3141	28.4008	2.31425
7600	-6.0500	-4.2380	5.3362	1.1025	7.147	2.3309	28.5361	2.33101
7700	-5.9645	-4.1438	5.3439	1.1032	7.221	2.3476	28.6696	2.34781
7800	-5.8805	-4.0511	5.3515	1.1039	7.296	2.3644	28.8017	2.36465
7900	-5.7979	-3.9599	5.3590	1.1047	7.372	2.3813	28.9324	2.38151
8000	-5.7168	-3.8703	5.3664	1.1055	7.447	2.3981	29.0607	2.39837
8100	-5.6372	-3.7822	5.3737	1.1063	7.522	2.4149	29.1869	2.41523
8200	-5.5590	-3.6957	5.3808	1.1071	7.598	2.4317	29.3107	2.43208
8300	-5.4823	-3.6107	5.3879	1.1079	7.673	2.4485	29.4321	2.44890
8400	-5.4070	-3.5272	5.3949	1.1089	7.749	2.4652	29.5515	2.46572
8500	-5.3331	-3.4453	5.4017	1.1098	7.825	2.4819	29.6672	2.48248
8600	-5.2607	-3.3649	5.4084	1.1107	7.900	2.4986	29.7807	2.49921
8700	-5.1896	-3.2859	5.4151	1.1117	7.976	2.5152	29.8916	2.51589
8800	-5.1200	-3.2085	5.4216	1.1127	8.051	2.5318	29.9993	2.53253
8900	-5.0517	-3.1324	5.4280	1.1136	8.127	2.5482	30.1043	2.54910
9000	-4.9847	-3.0578	5.4344	1.1146	8.202	2.5647	30.2069	2.56563
9100	-4.9190	-2.9846	5.4406	1.1157	8.278	2.5810	30.3065	2.58210
9200	-4.8546	-2.9127	5.4467	1.1166	8.353	2.5973	30.4031	2.59849
9300	-4.7914	-2.8421	5.4527	1.1176	8.428	2.6135	30.4973	2.61482
9400	-4.7295	-2.7729	5.4587	1.1187	8.504	2.6297	30.5883	2.63108
9500	-4.6689	-2.7050	5.4645	1.1198	8.579	2.6457	30.6769	2.64727
9600	-4.6093	-2.6383	5.4703	1.1209	8.654	2.6617	30.7630	2.66339
9700	-4.5510	-2.5729	5.4760	1.1219	8.729	2.6776	30.8456	2.67942
9800	-4.4938	-2.5086	5.4816	1.1230	8.804	2.6934	30.9262	2.69537
9900	-4.4376	-2.4456	5.4871	1.1241	8.879	2.7091	31.0040	2.71126
10000	-4.3826	-2.3836	5.4925	1.1252	8.954	2.7247	31.0795	2.72706
10100	-4.3286	-2.3229	5.4978	1.1263	9.028	2.7402	31.1516	2.74276
10200	-4.2757	-2.2633	5.5031	1.1274	9.103	2.7556	31.2220	2.75839
10300	-4.2238	-2.2047	5.5082	1.1286	9.178	2.7709	31.2898	2.77393
10400	-4.1729	-2.1472	5.5133	1.1297	9.252	2.7862	31.3548	2.78939
10500	-4.1229	-2.0908	5.5184	1.1309	9.327	2.8013	31.4175	2.80474

S/R= 82.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-4.0739	-2.0353	5.5233	1.1320	9.401	2.8163	31.4781	2.82002
10700	-4.0258	-1.9809	5.5282	1.1331	9.474	2.8312	31.5361	2.83521
10800	-3.9787	-1.9274	5.5330	1.1343	9.549	2.8461	31.5923	2.85031
10900	-3.9324	-1.8749	5.5377	1.1356	9.623	2.8608	31.6456	2.86530
11000	-3.8871	-1.8234	5.5424	1.1367	9.696	2.8754	31.6969	2.88021
11100	-3.8425	-1.7727	5.5470	1.1377	9.769	2.8899	31.7463	2.89504
11200	-3.7988	-1.7229	5.5516	1.1390	9.843	2.9043	31.7933	2.90975
11300	-3.7559	-1.6741	5.5560	1.1404	9.917	2.9186	31.8381	2.92437
11400	-3.7138	-1.6260	5.5604	1.1415	9.990	2.9327	31.8806	2.93890
11500	-3.6725	-1.5788	5.5648	1.1426	10.063	2.9468	31.9217	2.95333
11600	-3.6319	-1.5325	5.5691	1.1439	10.136	2.9608	31.9607	2.96766
11700	-3.5921	-1.4869	5.5733	1.1452	10.209	2.9746	31.9975	2.98190
11800	-3.5531	-1.4421	5.5775	1.1464	10.282	2.9883	32.0322	2.99603
11900	-3.5147	-1.3981	5.5816	1.1476	10.354	3.0020	32.0653	3.01007
12000	-3.4770	-1.3549	5.5856	1.1489	10.427	3.0155	32.0965	3.02401
12100	-3.4400	-1.3124	5.5896	1.1501	10.499	3.0289	32.1255	3.03784
12200	-3.4037	-1.2706	5.5936	1.1513	10.571	3.0422	32.1533	3.05157
12300	-3.3681	-1.2295	5.5975	1.1528	10.644	3.0553	32.1791	3.06520
12400	-3.3331	-1.1891	5.6013	1.1540	10.715	3.0684	32.2029	3.07872
12500	-3.2987	-1.1495	5.6051	1.1552	10.787	3.0813	32.2249	3.09215
12600	-3.2649	-1.1104	5.6088	1.1565	10.858	3.0941	32.2456	3.10546
12700	-3.2318	-1.0721	5.6125	1.1578	10.930	3.1068	32.2646	3.11868
12800	-3.1992	-1.0343	5.6162	1.1592	11.002	3.1194	32.2817	3.13178
12900	-3.1672	-0.9972	5.6198	1.1604	11.072	3.1319	32.2972	3.14479
13000	-3.1358	-0.9608	5.6233	1.1620	11.144	3.1442	32.3115	3.15769
13100	-3.1050	-0.9249	5.6268	1.1633	11.215	3.1565	32.3239	3.17047
13200	-3.0747	-0.8896	5.6302	1.1644	11.285	3.1686	32.3349	3.18316
13300	-3.0449	-0.8550	5.6336	1.1659	11.357	3.1806	32.3442	3.19572
13400	-3.0157	-0.8209	5.6370	1.1674	11.428	3.1924	32.3522	3.20818
13500	-2.9870	-0.7873	5.6403	1.1686	11.497	3.2042	32.3586	3.22053
13600	-2.9587	-0.7543	5.6436	1.1700	11.567	3.2158	32.3636	3.23278
13700	-2.9310	-0.7218	5.6468	1.1715	11.638	3.2274	32.3672	3.24491
13800	-2.9038	-0.6899	5.6500	1.1730	11.709	3.2388	32.3698	3.25694
13900	-2.8770	-0.6585	5.6532	1.1707	11.760	3.2500	32.3702	3.26884
14000	-2.8500	-0.6270	5.6563	1.1759	11.848	3.2606	32.3747	3.28007
14100	-2.8250	-0.5973	5.6593	1.1813	11.938	3.2722	32.3679	3.29231
14200	-2.7996	-0.5674	5.6624	1.1788	11.989	3.2831	32.3645	3.30387
14300	-2.7747	-0.5380	5.6653	1.1802	12.057	3.2939	32.3601	3.31533
14400	-2.7502	-0.5091	5.6683	1.1815	12.125	3.3046	32.3544	3.32668
14500	-2.7261	-0.4806	5.6712	1.1834	12.196	3.3152	32.3472	3.33791
14600	-2.7025	-0.4527	5.6741	1.1849	12.265	3.3256	32.3389	3.34901
14700	-2.6793	-0.4251	5.6769	1.1862	12.333	3.3359	32.3293	3.36001
14800	-2.6564	-0.3980	5.6797	1.1879	12.403	3.3461	32.3186	3.37088
14900	-2.6340	-0.3714	5.6825	1.1894	12.471	3.3561	32.3064	3.38163
15000	-2.6120	-0.3452	5.6852	1.1901	12.535	3.3661	32.2932	3.39226

S/R= 83.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6700	-6.9685	-5.2356	5.2715	1.0978	6.511	2.2040	27.8873	2.20405
6800	-6.8699	-5.1272	5.2801	1.0979	6.584	2.2204	28.0250	2.22045
6900	-6.7720	-5.0198	5.2886	1.0980	6.657	2.2370	28.1656	2.23707
7000	-6.6752	-4.9136	5.2970	1.0983	6.731	2.2538	28.3086	2.25386
7100	-6.5796	-4.8086	5.3054	1.0997	6.806	2.2707	28.4533	2.27080
7200	-6.4853	-4.7049	5.3137	1.0991	6.881	2.2878	28.5979	2.28788

S/R= 83.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-6.3923	-4.6027	5.3219	1.0996	6.956	2.3049	28.7430	2.30505
7400	-6.3008	-4.5021	5.3299	1.1002	7.031	2.3222	28.8869	2.32228
7500	-6.2108	-4.4030	5.3379	1.1009	7.107	2.3394	29.0301	2.33959
7600	-6.1222	-4.3055	5.3458	1.1015	7.183	2.3568	29.1716	2.35692
7700	-6.0353	-4.2097	5.3535	1.1022	7.259	2.3741	29.3116	2.37429
7800	-5.9498	-4.1155	5.3612	1.1030	7.335	2.3915	29.4492	2.39167
7900	-5.8660	-4.0230	5.3687	1.1038	7.411	2.4088	29.5846	2.40906
8000	-5.7836	-3.9320	5.3761	1.1046	7.488	2.4261	29.7175	2.42645
8100	-5.7029	-3.8428	5.3834	1.1055	7.564	2.4435	29.8477	2.44379
8200	-5.6237	-3.7552	5.3906	1.1064	7.641	2.4608	29.9753	2.46114
8300	-5.5460	-3.6692	5.3976	1.1073	7.717	2.4780	30.1001	2.47844
8400	-5.4698	-3.5848	5.4046	1.1082	7.794	2.4952	30.2223	2.49572
8500	-5.3951	-3.5020	5.4115	1.1092	7.870	2.5124	30.3412	2.51294
8600	-5.3220	-3.4208	5.4182	1.1101	7.947	2.5295	30.4570	2.53010
8700	-5.2502	-3.3411	5.4248	1.1111	8.023	2.5465	30.5698	2.54722
8800	-5.1798	-3.2629	5.4313	1.1122	8.100	2.5635	30.6799	2.56428
8900	-5.1110	-3.1863	5.4378	1.1131	8.176	2.5804	30.7866	2.58127
9000	-5.0434	-3.1110	5.4441	1.1141	8.252	2.5972	30.8907	2.59820
9100	-4.9771	-3.0372	5.4503	1.1152	8.329	2.6140	30.9917	2.61507
9200	-4.9123	-2.9648	5.4564	1.1162	8.405	2.6307	31.0893	2.63185
9300	-4.8487	-2.8938	5.4624	1.1172	8.481	2.6473	31.1845	2.64856
9400	-4.7863	-2.8241	5.4684	1.1183	8.557	2.6638	31.2768	2.66520
9500	-4.7253	-2.7558	5.4742	1.1195	8.633	2.6802	31.3655	2.68174
9600	-4.6654	-2.6887	5.4799	1.1205	8.709	2.6965	31.4518	2.69821
9700	-4.6066	-2.6229	5.4856	1.1217	8.785	2.7127	31.5355	2.71461
9800	-4.5492	-2.5583	5.4911	1.1227	8.861	2.7289	31.6158	2.73089
9900	-4.4928	-2.4950	5.4966	1.1238	8.936	2.7449	31.6935	2.74711
10000	-4.4374	-2.4328	5.5020	1.1250	9.012	2.7609	31.7688	2.76324
10100	-4.3832	-2.3718	5.5073	1.1261	9.088	2.7767	31.8413	2.77927
10200	-4.3301	-2.3119	5.5125	1.1273	9.163	2.7924	31.9111	2.79521
10300	-4.2780	-2.2532	5.5177	1.1284	9.238	2.8080	31.9783	2.81105
10400	-4.2269	-2.1955	5.5228	1.1296	9.313	2.8236	32.0433	2.82681
10500	-4.1768	-2.1389	5.5278	1.1308	9.389	2.8390	32.1053	2.84246
10600	-4.1277	-2.0833	5.5327	1.1320	9.464	2.8543	32.1649	2.85802
10700	-4.0795	-2.0287	5.5375	1.1331	9.538	2.8695	32.2222	2.87349
10800	-4.0323	-1.9751	5.5423	1.1343	9.613	2.8846	32.2772	2.88886
10900	-3.9859	-1.9226	5.5470	1.1355	9.688	2.8996	32.3297	2.90412
11000	-3.9405	-1.8709	5.5517	1.1367	9.762	2.9144	32.3799	2.91929
11100	-3.8959	-1.8202	5.5562	1.1378	9.836	2.9292	32.4278	2.93437
11200	-3.8521	-1.7704	5.5607	1.1391	9.910	2.9438	32.4736	2.94932
11300	-3.8092	-1.7215	5.5652	1.1405	9.985	2.9584	32.5174	2.96419
11400	-3.7671	-1.6734	5.5696	1.1416	10.058	2.9728	32.5584	2.97894
11500	-3.7258	-1.6262	5.5739	1.1428	10.132	2.9871	32.5977	2.99360
11600	-3.6853	-1.5799	5.5781	1.1440	10.205	3.0013	32.6349	3.00815
11700	-3.6455	-1.5343	5.5823	1.1453	10.279	3.0153	32.6701	3.02259
11800	-3.6064	-1.4896	5.5865	1.1467	10.353	3.0293	32.7031	3.03692
11900	-3.5681	-1.4457	5.5906	1.1480	10.426	3.0431	32.7342	3.05115
12000	-3.5305	-1.4025	5.5946	1.1493	10.500	3.0568	32.7635	3.06529
12100	-3.4936	-1.3601	5.5985	1.1504	10.572	3.0704	32.7907	3.07930
12200	-3.4574	-1.3184	5.6024	1.1517	10.645	3.0838	32.8161	3.09320
12300	-3.4219	-1.2774	5.6063	1.1532	10.718	3.0972	32.8398	3.10699
12400	-3.3870	-1.2371	5.6101	1.1545	10.791	3.1104	32.8613	3.12067
12500	-3.3527	-1.1976	5.6139	1.1557	10.863	3.1235	32.8812	3.13425
12600	-3.3191	-1.1587	5.6176	1.1570	10.935	3.1364	32.8993	3.14771
12700	-3.2861	-1.1205	5.6212	1.1584	11.007	3.1493	32.9161	3.16107

S/R= 83.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-3.2536	-1.0829	5.6248	1.1599	11.080	3.1620	32.9304	3.17430
12900	-3.2218	-1.0459	5.6294	1.1611	11.151	3.1746	32.9436	3.18747
13000	-3.1906	-1.0096	5.6319	1.1626	11.223	3.1871	32.9551	3.20047
13100	-3.1599	-0.9740	5.6353	1.1640	11.295	3.1994	32.9648	3.21332
13200	-3.1298	-0.9389	5.6387	1.1653	11.366	3.2117	32.9729	3.22610
13300	-3.1002	-0.9044	5.6421	1.1668	11.438	3.2238	32.9794	3.23876
13400	-3.0712	-0.8705	5.6454	1.1683	11.509	3.2357	32.9846	3.25130
13500	-3.0427	-0.8372	5.6487	1.1695	11.579	3.2476	32.9879	3.26373
13600	-3.0147	-0.8044	5.6519	1.1710	11.651	3.2593	32.9898	3.27603
13700	-2.9872	-0.7722	5.6551	1.1726	11.722	3.2709	32.9902	3.28821
13800	-2.9602	-0.7406	5.6583	1.1742	11.793	3.2824	32.9894	3.30029
13900	-2.9337	-0.7094	5.6614	1.1718	11.845	3.2937	32.9868	3.31223
14000	-2.9070	-0.6781	5.6645	1.1770	11.933	3.3043	32.9884	3.32349
14100	-2.8821	-0.6487	5.6674	1.1828	12.026	3.3160	32.9777	3.33576
14200	-2.8570	-0.6191	5.6704	1.1802	12.075	3.3269	32.9712	3.34735
14300	-2.8324	-0.5900	5.6734	1.1817	12.144	3.3378	32.9628	3.35880
14400	-2.8082	-0.5614	5.6763	1.1830	12.213	3.3485	32.9537	3.37013
14500	-2.7844	-0.5333	5.6791	1.1849	12.285	3.3590	32.9430	3.38134
14600	-2.7611	-0.5056	5.6820	1.1866	12.355	3.3695	32.9306	3.39243
14700	-2.7382	-0.4784	5.6847	1.1880	12.424	3.3798	32.9173	3.40340
14800	-2.7157	-0.4516	5.6875	1.1898	12.494	3.3900	32.9027	3.41424
14900	-2.6936	-0.4253	5.6902	1.1914	12.563	3.4000	32.8870	3.42495
15000	-2.6719	-0.3995	5.6929	1.1921	12.627	3.4100	32.8699	3.43553

S/R= 84.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6800	-6.9554	-5.2087	5.2890	1.0963	6.611	2.2418	28.6067	2.24183
6900	-6.8543	-5.0984	5.2976	1.0965	6.685	2.2591	28.7592	2.25918
7000	-6.7556	-4.9896	5.3062	1.0969	6.761	2.2766	28.9123	2.27665
7100	-6.6577	-4.8822	5.3146	1.0974	6.837	2.2942	29.0661	2.29426
7200	-6.5613	-4.7764	5.3230	1.0979	6.913	2.3119	29.2199	2.31198
7300	-6.4664	-4.6722	5.3313	1.0985	6.989	2.3296	29.3723	2.32976
7400	-6.3731	-4.5697	5.3394	1.0992	7.066	2.3475	29.5239	2.34760
7500	-6.2815	-4.4689	5.3474	1.0999	7.143	2.3653	29.6731	2.36547
7600	-6.1914	-4.3698	5.3553	1.1006	7.220	2.3832	29.8210	2.38338
7700	-6.1031	-4.2726	5.3631	1.1014	7.297	2.4011	29.9657	2.40128
7800	-6.0163	-4.1770	5.3708	1.1022	7.374	2.4190	30.1085	2.41920
7900	-5.9313	-4.0833	5.3783	1.1030	7.452	2.4368	30.2480	2.43709
8000	-5.8479	-3.9912	5.3858	1.1039	7.529	2.4547	30.3850	2.45497
8100	-5.7661	-3.9009	5.3931	1.1048	7.607	2.4725	30.5188	2.47281
8200	-5.6860	-3.8123	5.4002	1.1058	7.684	2.4902	30.6498	2.49062
8300	-5.6074	-3.7254	5.4073	1.1067	7.761	2.5079	30.7779	2.50840
8400	-5.5304	-3.6402	5.4143	1.1076	7.839	2.5256	30.9020	2.52611
8500	-5.4550	-3.5566	5.4211	1.1086	7.916	2.5432	31.0234	2.54378
8600	-5.3811	-3.4746	5.4278	1.1096	7.994	2.5607	31.1416	2.56138
8700	-5.3087	-3.3943	5.4345	1.1106	8.071	2.5782	31.2561	2.57891
8800	-5.2378	-3.3155	5.4410	1.1117	8.149	2.5956	31.3679	2.59638
8900	-5.1683	-3.2382	5.4474	1.1127	8.226	2.6129	31.4762	2.61378
9000	-5.1003	-3.1625	5.4537	1.1137	8.303	2.6301	31.5810	2.63109
9100	-5.0336	-3.0881	5.4599	1.1148	8.380	2.6473	31.6831	2.64835
9200	-4.9682	-3.0153	5.4660	1.1159	8.457	2.6643	31.7820	2.66550
9300	-4.9043	-2.9438	5.4720	1.1169	8.534	2.6813	31.8774	2.68258
9400	-4.8415	-2.8737	5.4779	1.1180	8.611	2.6981	31.9700	2.69958
9500	-4.7801	-2.8050	5.4837	1.1192	8.688	2.7149	32.0598	2.71649

S/R= 84.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9600	-4.7199	-2.7376	5.4894	1.1203	8.765	2.7316	32.1460	2.73330
9700	-4.6609	-2.6715	5.4950	1.1214	8.841	2.7481	32.2294	2.75002
9800	-4.6031	-2.6067	5.5006	1.1225	8.918	2.7646	32.3102	2.76665
9900	-4.5465	-2.5431	5.5060	1.1237	8.994	2.7810	32.3875	2.78319
10000	-4.4910	-2.4807	5.5114	1.1248	9.071	2.7972	32.4623	2.79963
10100	-4.4366	-2.4195	5.5167	1.1259	9.147	2.8134	32.5346	2.81597
10200	-4.3833	-2.3594	5.5219	1.1272	9.223	2.8294	32.6039	2.83221
10300	-4.3311	-2.3005	5.5270	1.1284	9.299	2.8453	32.6702	2.84834
10400	-4.2799	-2.2427	5.5320	1.1295	9.375	2.8611	32.7341	2.86439
10500	-4.2297	-2.1859	5.5370	1.1307	9.451	2.8768	32.7953	2.88032
10600	-4.1804	-2.1303	5.5419	1.1319	9.526	2.8924	32.8543	2.89616
10700	-4.1322	-2.0756	5.5467	1.1331	9.602	2.9079	32.9103	2.91190
10800	-4.0849	-2.0220	5.5515	1.1343	9.677	2.9233	32.9642	2.92752
10900	-4.0385	-1.9693	5.5561	1.1356	9.752	2.9385	33.0155	2.94304
11000	-3.9930	-1.9176	5.5608	1.1368	9.828	2.9536	33.0643	2.95844
11100	-3.9484	-1.8669	5.5653	1.1380	9.902	2.9686	33.1107	2.97376
11200	-3.9046	-1.8171	5.5698	1.1392	9.977	2.9835	33.1547	2.98895
11300	-3.8617	-1.7682	5.5742	1.1406	10.053	2.9982	33.1969	3.00404
11400	-3.8196	-1.7202	5.5785	1.1419	10.127	3.0128	33.2366	3.01900
11500	-3.7783	-1.6730	5.5828	1.1430	10.201	3.0274	33.2739	3.03387
11600	-3.7379	-1.6267	5.5870	1.1443	10.275	3.0417	33.3091	3.04862
11700	-3.6982	-1.5812	5.5912	1.1457	10.350	3.0560	33.3423	3.06326
11800	-3.6592	-1.5366	5.5953	1.1470	10.424	3.0701	33.3733	3.07777
11900	-3.6210	-1.4927	5.5993	1.1483	10.498	3.0841	33.4023	3.09218
12000	-3.5835	-1.4496	5.6033	1.1496	10.572	3.0980	33.4294	3.10648
12100	-3.5467	-1.4073	5.6072	1.1509	10.645	3.1118	33.4543	3.12066
12200	-3.5106	-1.3657	5.6111	1.1522	10.718	3.1254	33.4773	3.13473
12300	-3.4752	-1.3249	5.6149	1.1537	10.792	3.1389	33.4986	3.14867
12400	-3.4404	-1.2848	5.6187	1.1549	10.865	3.1522	33.5173	3.16249
12500	-3.4063	-1.2454	5.6224	1.1563	10.938	3.1655	33.5348	3.17619
12600	-3.3729	-1.2067	5.6261	1.1577	11.011	3.1786	33.5504	3.18977
12700	-3.3400	-1.1686	5.6297	1.1591	11.084	3.1916	33.5643	3.20324
12800	-3.3078	-1.1312	5.6332	1.1606	11.157	3.2044	33.5760	3.21659
12900	-3.2761	-1.0945	5.6368	1.1619	11.229	3.2171	33.5864	3.22982
13000	-3.2451	-1.0584	5.6402	1.1634	11.302	3.2297	33.5945	3.24291
13100	-3.2147	-1.0230	5.6436	1.1649	11.374	3.2421	33.6011	3.25587
13200	-3.1848	-0.9881	5.6470	1.1662	11.446	3.2545	33.6063	3.26872
13300	-3.1555	-0.9539	5.6503	1.1678	11.519	3.2666	33.6098	3.28145
13400	-3.1267	-0.9203	5.6536	1.1693	11.590	3.2787	33.6116	3.29406
13500	-3.0984	-0.8872	5.6568	1.1706	11.661	3.2906	33.6117	3.30653
13600	-3.0706	-0.8547	5.6600	1.1722	11.733	3.3024	33.6103	3.31888
13700	-3.0434	-0.8228	5.6632	1.1738	11.805	3.3140	33.6070	3.33109
13800	-3.0167	-0.7914	5.6663	1.1755	11.877	3.3255	33.6026	3.34316
13900	-2.9905	-0.7606	5.6693	1.1731	11.928	3.3369	33.5965	3.35511
14000	-2.9640	-0.7296	5.6724	1.1784	12.017	3.3476	33.5943	3.36637
14100	-2.9395	-0.7005	5.6753	1.1844	12.112	3.3592	33.5802	3.37865
14200	-2.9147	-0.6712	5.6782	1.1819	12.162	3.3702	33.5696	3.39023
14300	-2.8904	-0.6424	5.6811	1.1833	12.232	3.3810	33.5576	3.40166
14400	-2.8665	-0.6141	5.6840	1.1848	12.301	3.3917	33.5442	3.41296
14500	-2.8431	-0.5864	5.6868	1.1867	12.373	3.4023	33.5295	3.42413
14600	-2.8201	-0.5591	5.6896	1.1885	12.444	3.4127	33.5131	3.43515
14700	-2.7976	-0.5322	5.6923	1.1901	12.514	3.4230	33.4957	3.44604
14800	-2.7754	-0.5058	5.6950	1.1919	12.584	3.4331	33.4769	3.45682
14900	-2.7537	-0.4799	5.6977	1.1936	12.654	3.4431	33.4567	3.46745
15000	-2.7324	-0.4545	5.7003	1.1945	12.720	3.4530	33.4351	3.47794

S/R= 85.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
6900	-6.9336	-5.1729	5.3068	1.0954	6.716	2.2819	29.3700	2.28193
7000	-6.8321	-5.0616	5.3154	1.0957	6.792	2.3000	29.5330	2.30008
7100	-6.7321	-4.9521	5.3239	1.0962	6.869	2.3182	29.6947	2.31832
7200	-6.6338	-4.8443	5.3324	1.0969	6.946	2.3366	29.8565	2.33665
7300	-6.5371	-4.7382	5.3407	1.0975	7.024	2.3549	30.0159	2.35502
7400	-6.4422	-4.6341	5.3489	1.0982	7.102	2.3733	30.1738	2.37344
7500	-6.3491	-4.5317	5.3569	1.0990	7.180	2.3917	30.3290	2.39187
7600	-6.2577	-4.4312	5.3649	1.0998	7.258	2.4101	30.4816	2.41031
7700	-6.1681	-4.3327	5.3727	1.1007	7.336	2.4285	30.6317	2.42874
7800	-6.0802	-4.2359	5.3803	1.1015	7.414	2.4469	30.7784	2.44717
7900	-5.9941	-4.1410	5.3879	1.1024	7.493	2.4653	30.9221	2.46556
8000	-5.9097	-4.0479	5.3953	1.1033	7.571	2.4836	31.0624	2.48392
8100	-5.8270	-3.9567	5.4026	1.1042	7.650	2.5019	31.1998	2.50223
8200	-5.7460	-3.8672	5.4098	1.1052	7.728	2.5201	31.3332	2.52050
8300	-5.6667	-3.7795	5.4169	1.1061	7.806	2.5383	31.4634	2.53872
8400	-5.5890	-3.6935	5.4238	1.1071	7.885	2.5564	31.5905	2.55688
8500	-5.5129	-3.6092	5.4307	1.1082	7.963	2.5744	31.7135	2.57496
8600	-5.4384	-3.5266	5.4374	1.1092	8.042	2.5923	31.8335	2.59298
8700	-5.3654	-3.4456	5.4440	1.1102	8.119	2.6102	31.9496	2.61093
8800	-5.2940	-3.3663	5.4505	1.1112	8.198	2.6280	32.0624	2.62879
8900	-5.2240	-3.2885	5.4569	1.1123	8.276	2.6457	32.1721	2.64659
9000	-5.1555	-3.2122	5.4631	1.1134	8.354	2.6633	32.2778	2.66428
9100	-5.0884	-3.1375	5.4693	1.1146	8.432	2.6808	32.3803	2.68190
9200	-5.0227	-3.0642	5.4754	1.1156	8.510	2.6982	32.4799	2.69942
9300	-4.9583	-2.9924	5.4814	1.1167	8.587	2.7155	32.5757	2.71686
9400	-4.8953	-2.9220	5.4873	1.1178	8.665	2.7327	32.6684	2.73421
9500	-4.8336	-2.8530	5.4930	1.1189	8.743	2.7499	32.7582	2.75145
9600	-4.7731	-2.7853	5.4987	1.1201	8.821	2.7669	32.8445	2.76860
9700	-4.7139	-2.7189	5.5043	1.1212	8.898	2.7837	32.9276	2.78564
9800	-4.6559	-2.6539	5.5098	1.1223	8.975	2.8005	33.0078	2.80259
9900	-4.5991	-2.5900	5.5153	1.1235	9.052	2.8172	33.0852	2.81945
10000	-4.5434	-2.5275	5.5206	1.1248	9.130	2.8338	33.1593	2.83619
10100	-4.4889	-2.4661	5.5259	1.1259	9.206	2.8502	33.2307	2.85282
10200	-4.4354	-2.4059	5.5310	1.1271	9.283	2.8665	33.2994	2.86936
10300	-4.3831	-2.3469	5.5361	1.1283	9.360	2.8827	33.3647	2.88577
10400	-4.3318	-2.2889	5.5411	1.1295	9.436	2.8988	33.4276	2.90210
10500	-4.2815	-2.2321	5.5461	1.1307	9.513	2.9148	33.4876	2.91830
10600	-4.2322	-2.1764	5.5509	1.1319	9.589	2.9306	33.5454	2.93439
10700	-4.1839	-2.1217	5.5557	1.1331	9.665	2.9464	33.6003	2.95038
10800	-4.1366	-2.0680	5.5604	1.1344	9.741	2.9620	33.6524	2.96625
10900	-4.0902	-2.0153	5.5651	1.1357	9.818	2.9774	33.7021	2.98201
11000	-4.0447	-1.9636	5.5697	1.1369	9.893	2.9928	33.7492	2.99764
11100	-4.0001	-1.9129	5.5742	1.1381	9.968	3.0080	33.7944	3.01318
11200	-3.9564	-1.8631	5.5786	1.1394	10.044	3.0231	33.8363	3.02859
11300	-3.9135	-1.8143	5.5830	1.1409	10.120	3.0381	33.8764	3.04388
11400	-3.8715	-1.7663	5.5873	1.1421	10.195	3.0529	33.9140	3.05905
11500	-3.8303	-1.7192	5.5915	1.1432	10.270	3.0676	33.9493	3.07411
11600	-3.7899	-1.6730	5.5957	1.1446	10.345	3.0822	33.9826	3.08904
11700	-3.7503	-1.6276	5.5998	1.1461	10.420	3.0966	34.0136	3.10386
11800	-3.7115	-1.5831	5.6039	1.1474	10.495	3.1109	34.0421	3.11854
11900	-3.6734	-1.5394	5.6079	1.1487	10.569	3.1251	34.0690	3.13312
12000	-3.6360	-1.4964	5.6119	1.1501	10.644	3.1392	34.0934	3.14757
12100	-3.5993	-1.4542	5.6157	1.1513	10.717	3.1530	34.1156	3.16188
12200	-3.5634	-1.4128	5.6196	1.1527	10.792	3.1668	34.1361	3.17608
12300	-3.5282	-1.3722	5.6234	1.1543	10.867	3.1805	34.1545	3.19015

S/R= 85.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-3.4936	-1.3322	5.6271	1.1556	10.940	3.1939	34.1708	3.20410
12500	-3.4597	-1.2930	5.6307	1.1570	11.014	3.2073	34.1852	3.21792
12600	-3.4264	-1.2545	5.6344	1.1585	11.087	3.2205	34.1979	3.23160
12700	-3.3938	-1.2167	5.6379	1.1599	11.161	3.2336	34.2086	3.24515
12800	-3.3618	-1.1795	5.6415	1.1614	11.234	3.2465	34.2173	3.25858
12900	-3.3304	-1.1430	5.6449	1.1628	11.307	3.2594	34.2242	3.27189
13000	-3.2996	-1.1072	5.6483	1.1643	11.380	3.2720	34.2294	3.28506
13100	-3.2694	-1.0720	5.6517	1.1658	11.453	3.2845	34.2329	3.29809
13200	-3.2397	-1.0375	5.6550	1.1673	11.526	3.2969	34.2345	3.31098
13300	-3.2107	-1.0035	5.6583	1.1689	11.599	3.3091	34.2342	3.32373
13400	-3.1822	-0.9702	5.6615	1.1705	11.671	3.3212	34.2323	3.33636
13500	-3.1542	-0.9374	5.6647	1.1719	11.743	3.3332	34.2288	3.34886
13600	-3.1267	-0.9052	5.6679	1.1735	11.815	3.3450	34.2236	3.36122
13700	-3.0998	-0.8736	5.6710	1.1752	11.888	3.3567	34.2167	3.37344
13800	-3.0734	-0.8425	5.6740	1.1770	11.961	3.3682	34.2085	3.38551
13900	-3.0476	-0.8121	5.6770	1.1745	12.011	3.3796	34.1982	3.39744
14000	-3.0214	-0.7814	5.6801	1.1800	12.102	3.3902	34.1923	3.40865
14100	-2.9973	-0.7527	5.6829	1.1863	12.199	3.4019	34.1732	3.42089
14200	-2.9728	-0.7238	5.6858	1.1836	12.248	3.4128	34.1586	3.43242
14300	-2.9488	-0.6954	5.6886	1.1852	12.318	3.4236	34.1423	3.44380
14400	-2.9253	-0.6675	5.6914	1.1869	12.389	3.4343	34.1249	3.45504
14500	-2.9023	-0.6401	5.6942	1.1888	12.461	3.4448	34.1058	3.46613
14600	-2.8797	-0.6133	5.6969	1.1907	12.533	3.4552	34.0849	3.47707
14700	-2.8575	-0.5868	5.6996	1.1924	12.603	3.4654	34.0629	3.48787
14800	-2.8357	-0.5609	5.7022	1.1943	12.674	3.4755	34.0393	3.49852
14900	-2.8144	-0.5354	5.7048	1.1962	12.746	3.4854	34.0141	3.50902
15000	-2.7935	-0.5104	5.7074	1.1973	12.812	3.4952	33.9880	3.51939

S/R= 86.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	-6.9050	-5.1301	5.3247	1.0949	6.825	2.3240	30.1687	2.32408
7100	-6.8032	-5.0186	5.3333	1.0953	6.902	2.3429	30.3382	2.34294
7200	-6.7031	-4.9090	5.3417	1.0959	6.981	2.3618	30.5064	2.36185
7300	-6.6049	-4.8012	5.3501	1.0966	7.060	2.3807	30.6725	2.38080
7400	-6.5085	-4.6956	5.3583	1.0974	7.139	2.3996	30.8358	2.39976
7500	-6.4140	-4.5918	5.3664	1.0983	7.218	2.4186	30.9963	2.41873
7600	-6.3214	-4.4900	5.3743	1.0991	7.297	2.4375	31.1537	2.43769
7700	-6.2306	-4.3902	5.3821	1.1000	7.376	2.4564	31.3079	2.45664
7800	-6.1417	-4.2924	5.3898	1.1009	7.455	2.4753	31.4583	2.47555
7900	-6.0546	-4.1965	5.3974	1.1018	7.534	2.4941	31.6050	2.49442
8000	-5.9693	-4.1024	5.4048	1.1028	7.614	2.5129	31.7489	2.51325
8100	-5.8858	-4.0103	5.4121	1.1037	7.693	2.5317	31.8885	2.53202
8200	-5.8040	-3.9200	5.4193	1.1047	7.772	2.5503	32.0250	2.55074
8300	-5.7240	-3.8316	5.4264	1.1056	7.852	2.5689	32.1568	2.56938
8400	-5.6457	-3.7449	5.4333	1.1067	7.931	2.5874	32.2857	2.58796
8500	-5.5690	-3.6600	5.4401	1.1078	8.010	2.6059	32.4106	2.60646
8600	-5.4939	-3.5768	5.4468	1.1088	8.089	2.6242	32.5317	2.62488
8700	-5.4204	-3.4953	5.4534	1.1099	8.168	2.6425	32.6493	2.64323
8800	-5.3485	-3.4154	5.4599	1.1109	8.247	2.6607	32.7629	2.66147
8900	-5.2781	-3.3372	5.4662	1.1120	8.326	2.6787	32.8730	2.67964
9000	-5.2092	-3.2605	5.4725	1.1131	8.405	2.6967	32.9800	2.69771
9100	-5.1417	-3.1854	5.4786	1.1142	8.484	2.7146	33.0826	2.71570
9200	-5.0757	-3.1118	5.4847	1.1153	8.562	2.7323	33.1819	2.73357
9300	-5.0111	-3.0396	5.4906	1.1165	8.641	2.7500	33.2785	2.75135

S/R= 86.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-4.9478	-2.9689	5.4065	1.1176	8.720	2.7676	33.3710	2.76904
9500	-4.8858	-2.8997	5.5023	1.1187	8.798	2.7850	33.4604	2.78661
9600	-4.8251	-2.8317	5.5079	1.1199	8.876	2.8023	33.5466	2.80408
9700	-4.7657	-2.7652	5.5135	1.1211	8.954	2.8195	33.6291	2.82144
9800	-4.7076	-2.6999	5.5190	1.1223	9.032	2.8366	33.7088	2.83870
9900	-4.6506	-2.6360	5.5244	1.1234	9.110	2.8536	33.7852	2.85585
10000	-4.5948	-2.5732	5.5297	1.1247	9.188	2.8705	33.8591	2.87289
10100	-4.5402	-2.5118	5.5349	1.1259	9.266	2.8872	33.9293	2.88980
10200	-4.4866	-2.4514	5.5400	1.1270	9.343	2.9038	33.9965	2.90662
10300	-4.4342	-2.3923	5.5451	1.1283	9.421	2.9203	34.0609	2.92330
10400	-4.3828	-2.3343	5.5501	1.1295	9.498	2.9366	34.1227	2.93989
10500	-4.3325	-2.2775	5.5550	1.1308	9.575	2.9528	34.1813	2.95634
10600	-4.2832	-2.2217	5.5598	1.1320	9.652	2.9689	34.2375	2.97268
10700	-4.2349	-2.1670	5.5646	1.1332	9.728	2.9849	34.2909	2.98892
10800	-4.1875	-2.1133	5.5692	1.1346	9.806	3.0007	34.3413	3.00501
10900	-4.1412	-2.0607	5.5738	1.1359	9.882	3.0164	34.3890	3.02099
11000	-4.0958	-2.0090	5.5784	1.1371	9.958	3.0320	34.4343	3.03685
11100	-4.0512	-1.9583	5.5829	1.1383	10.035	3.0474	34.4773	3.05259
11200	-4.0075	-1.9086	5.5873	1.1397	10.111	3.0627	34.5175	3.06820
11300	-3.9648	-1.8599	5.5916	1.1412	10.188	3.0779	34.5554	3.08368
11400	-3.9229	-1.8120	5.5959	1.1423	10.263	3.0929	34.5908	3.09904
11500	-3.8817	-1.7650	5.6001	1.1436	10.338	3.1078	34.6236	3.11427
11600	-3.8415	-1.7189	5.6042	1.1450	10.414	3.1225	34.6545	3.12937
11700	-3.8020	-1.6737	5.6083	1.1465	10.490	3.1371	34.6829	3.14434
11800	-3.7633	-1.6293	5.6123	1.1479	10.566	3.1516	34.7088	3.15918
11900	-3.7254	-1.5857	5.6163	1.1492	10.641	3.1659	34.7330	3.17390
12000	-3.6881	-1.5429	5.6202	1.1506	10.716	3.1801	34.7548	3.18848
12100	-3.6517	-1.5010	5.6240	1.1519	10.790	3.1942	34.7745	3.20293
12200	-3.6159	-1.4597	5.6278	1.1534	10.865	3.2080	34.7916	3.21723
12300	-3.5809	-1.4193	5.6316	1.1549	10.940	3.2218	34.8071	3.23140
12400	-3.5466	-1.3796	5.6353	1.1563	11.014	3.2354	34.8202	3.24545
12500	-3.5129	-1.3406	5.6389	1.1578	11.089	3.2489	34.8314	3.25936
12600	-3.4798	-1.3024	5.6425	1.1592	11.162	3.2622	34.8407	3.27313
12700	-3.4474	-1.2648	5.6460	1.1607	11.236	3.2753	34.8479	3.28675
12800	-3.4157	-1.2279	5.6495	1.1624	11.311	3.2883	34.8533	3.30022
12900	-3.3846	-1.1917	5.6529	1.1639	11.385	3.3012	34.8566	3.31358
13000	-3.3541	-1.1562	5.6562	1.1654	11.458	3.3139	34.8581	3.32679
13100	-3.3242	-1.1213	5.6596	1.1670	11.532	3.3265	34.8579	3.33985
13200	-3.2948	-1.0870	5.6628	1.1685	11.605	3.3389	34.8556	3.35277
13300	-3.2661	-1.0534	5.6661	1.1701	11.678	3.3512	34.8518	3.36555
13400	-3.2379	-1.0204	5.6693	1.1717	11.751	3.3633	34.8456	3.37817
13500	-3.2102	-0.9880	5.6724	1.1733	11.824	3.3753	34.8380	3.39063
13600	-3.1831	-0.9562	5.6755	1.1750	11.897	3.3871	34.8287	3.40298
13700	-3.1566	-0.9249	5.6785	1.1769	11.971	3.3988	34.8175	3.41517
13800	-3.1305	-0.8942	5.6815	1.1786	12.043	3.4103	34.8049	3.42721
13900	-3.1050	-0.8641	5.6845	1.1760	12.094	3.4216	34.7904	3.43909
14000	-3.0791	-0.8338	5.6875	1.1820	12.187	3.4322	34.7805	3.45024
14100	-3.0554	-0.8056	5.6903	1.1885	12.285	3.4439	34.7568	3.46241
14200	-3.0314	-0.7771	5.6931	1.1857	12.333	3.4547	34.7371	3.47385
14300	-3.0079	-0.7492	5.6959	1.1874	12.405	3.4655	34.7157	3.48512
14400	-2.9847	-0.7217	5.6986	1.1892	12.476	3.4761	34.6937	3.49625
14500	-2.9621	-0.6947	5.7013	1.1912	12.549	3.4865	34.6699	3.50723
14600	-2.9399	-0.6683	5.7040	1.1931	12.621	3.4968	34.6440	3.51804
14700	-2.9182	-0.6423	5.7066	1.1950	12.692	3.5069	34.6172	3.52872
14800	-2.8969	-0.6168	5.7092	1.1971	12.764	3.5169	34.5887	3.53922

S/R= 86.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-2.8760	-0.5919	5.7117	1.1993	12.837	3.5267	34.5586	3.54957
15000	-2.8556	-0.5673	5.7143	1.2003	12.903	3.5363	34.5271	3.55976

S/R= 87.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7000	-6.9748	-5.1953	5.3339	1.0940	6.858	2.3485	30.8178	2.34859
7100	-6.8712	-5.0819	5.3426	1.0944	6.936	2.3680	30.9951	2.36806
7200	-6.7695	-4.9707	5.3511	1.0951	7.016	2.3874	31.1690	2.38753
7300	-6.6699	-4.8615	5.3594	1.0959	7.096	2.4069	31.3405	2.40703
7400	-6.5721	-4.7543	5.3677	1.0967	7.176	2.4264	31.5090	2.42653
7500	-6.4765	-4.6494	5.3758	1.0976	7.256	2.4459	31.6739	2.44601
7600	-6.3826	-4.5463	5.3837	1.0984	7.336	2.4653	31.8357	2.46548
7700	-6.2909	-4.4455	5.3916	1.0994	7.416	2.4847	31.9933	2.48491
7800	-6.2009	-4.3466	5.3992	1.1003	7.497	2.5041	32.1476	2.50431
7900	-6.1130	-4.2498	5.4068	1.1013	7.577	2.5234	32.2969	2.52363
8000	-6.0269	-4.1549	5.4142	1.1023	7.657	2.5426	32.4434	2.54292
8100	-5.9427	-4.0621	5.4215	1.1033	7.737	2.5618	32.5853	2.56213
8200	-5.8602	-3.9711	5.4287	1.1043	7.817	2.5809	32.7233	2.58128
8300	-5.7795	-3.8819	5.4357	1.1052	7.897	2.5999	32.8575	2.60035
8400	-5.7006	-3.7947	5.4426	1.1063	7.977	2.6188	32.9874	2.61933
8500	-5.6234	-3.7091	5.4494	1.1075	8.058	2.6376	33.1139	2.63824
8600	-5.5479	-3.6255	5.4561	1.1085	8.138	2.6564	33.2360	2.65705
8700	-5.4739	-3.5435	5.4627	1.1095	8.217	2.6750	33.3541	2.67578
8800	-5.4016	-3.4631	5.4691	1.1106	8.297	2.6936	33.4690	2.69441
8900	-5.3308	-3.3846	5.4755	1.1117	8.377	2.7120	33.5791	2.71294
9000	-5.2616	-3.3075	5.4817	1.1129	8.456	2.7304	33.6861	2.73137
9100	-5.1938	-3.2320	5.4878	1.1140	8.536	2.7486	33.7895	2.74971
9200	-5.1275	-3.1581	5.4938	1.1151	8.615	2.7667	33.8888	2.76792
9300	-5.0626	-3.0857	5.4998	1.1163	8.695	2.7847	33.9846	2.78603
9400	-4.9990	-3.0147	5.5056	1.1174	8.774	2.8026	34.0775	2.80405
9500	-4.9369	-2.9453	5.5113	1.1186	8.853	2.8203	34.1661	2.82193
9600	-4.8760	-2.8772	5.5170	1.1198	8.932	2.8379	34.2514	2.83972
9700	-4.8164	-2.8104	5.5225	1.1210	9.011	2.8555	34.3336	2.85738
9800	-4.7582	-2.7450	5.5279	1.1222	9.089	2.8728	34.4124	2.87493
9900	-4.7011	-2.6810	5.5333	1.1234	9.168	2.8901	34.4877	2.89237
10000	-4.6452	-2.6181	5.5386	1.1247	9.247	2.9072	34.5605	2.90969
10100	-4.5905	-2.5565	5.5438	1.1259	9.325	2.9242	34.6297	2.92687
10200	-4.5369	-2.4962	5.5489	1.1271	9.403	2.9411	34.6957	2.94396
10300	-4.4844	-2.4370	5.5539	1.1284	9.481	2.9578	34.7583	2.96090
10400	-4.4330	-2.3790	5.5588	1.1296	9.559	2.9744	34.8185	2.97773
10500	-4.3827	-2.3221	5.5637	1.1309	9.637	2.9909	34.8757	2.99442
10600	-4.3334	-2.2664	5.5685	1.1321	9.714	3.0072	34.9299	3.01100
10700	-4.2852	-2.2117	5.5732	1.1334	9.792	3.0234	34.9814	3.02746
10800	-4.2379	-2.1580	5.5779	1.1347	9.870	3.0395	35.0302	3.04377
10900	-4.1916	-2.1055	5.5824	1.1361	9.947	3.0554	35.0757	3.05996
11000	-4.1462	-2.0539	5.5869	1.1373	10.024	3.0712	35.1188	3.07601
11100	-4.1018	-2.0033	5.5914	1.1386	10.100	3.0868	35.1596	3.09195
11200	-4.0582	-1.9537	5.5957	1.1400	10.178	3.1023	35.1973	3.10774
11300	-4.0155	-1.9050	5.6000	1.1415	10.255	3.1176	35.2328	3.12339
11400	-3.9738	-1.8573	5.6043	1.1427	10.331	3.1328	35.2657	3.13892
11500	-3.9328	-1.8105	5.6084	1.1441	10.407	3.1479	35.2962	3.15431
11600	-3.8927	-1.7646	5.6125	1.1455	10.483	3.1628	35.3242	3.16956
11700	-3.8534	-1.7195	5.6166	1.1470	10.560	3.1775	35.3497	3.18467
11800	-3.8149	-1.6753	5.6206	1.1485	10.636	3.1921	35.3730	3.19963

S/R= 87.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-3.7771	-1.6319	5.6245	1.1498	10.711	3.2066	35.3938	3.21447
12000	-3.7401	-1.5893	5.6283	1.1512	10.787	3.2209	35.4126	3.22917
12100	-3.7039	-1.5476	5.6321	1.1526	10.862	3.2350	35.4288	3.24372
12200	-3.6683	-1.5066	5.6359	1.1541	10.937	3.2490	35.4433	3.25813
12300	-3.6335	-1.4664	5.6396	1.1557	11.013	3.2629	35.4548	3.27238
12400	-3.5995	-1.4270	5.6432	1.1572	11.089	3.2766	35.4647	3.28648
12500	-3.5660	-1.3883	5.6468	1.1587	11.163	3.2901	35.4725	3.30046
12600	-3.5333	-1.3503	5.6503	1.1602	11.238	3.3035	35.4781	3.31428
12700	-3.5012	-1.3131	5.6538	1.1618	11.313	3.3167	35.4815	3.32795
12800	-3.4697	-1.2765	5.6572	1.1634	11.387	3.3298	35.4832	3.34147
12900	-3.4389	-1.2406	5.6606	1.1651	11.462	3.3427	35.4821	3.35484
13000	-3.4087	-1.2054	5.6639	1.1667	11.536	3.3554	35.4801	3.36805
13100	-3.3791	-1.1709	5.6672	1.1682	11.610	3.3680	35.4753	3.38111
13200	-3.3501	-1.1370	5.6704	1.1699	11.684	3.3804	35.4692	3.39402
13300	-3.3217	-1.1037	5.6736	1.1716	11.759	3.3927	35.4608	3.40678
13400	-3.2939	-1.0711	5.6767	1.1734	11.832	3.4048	35.4506	3.41938
13500	-3.2666	-1.0391	5.6798	1.1749	11.905	3.4168	35.4388	3.43181
13600	-3.2399	-1.0077	5.6828	1.1767	11.978	3.4286	35.4244	3.44409
13700	-3.2137	-0.9769	5.6858	1.1788	12.053	3.4402	35.4089	3.45621
13800	-3.1881	-0.9466	5.6888	1.1805	12.126	3.4516	35.3911	3.46817
13900	-3.1630	-0.9169	5.6917	1.1777	12.175	3.4629	35.3720	3.47997
14000	-3.1375	-0.8870	5.6946	1.1841	12.271	3.4734	35.3574	3.49101
14100	-3.1143	-0.8593	5.6973	1.1910	12.371	3.4850	35.3284	3.50309
14200	-3.0907	-0.8312	5.7001	1.1880	12.419	3.4958	35.3039	3.51440
14300	-3.0676	-0.8038	5.7028	1.1898	12.490	3.5064	35.2774	3.52554
14400	-3.0449	-0.7768	5.7055	1.1919	12.564	3.5169	35.2500	3.53653
14500	-3.0228	-0.7504	5.7082	1.1940	12.637	3.5272	35.2204	3.54734
14600	-3.0011	-0.7245	5.7108	1.1960	12.709	3.5374	35.1895	3.55798
14700	-2.9798	-0.6990	5.7133	1.1979	12.781	3.5473	35.1569	3.56847
14800	-2.9590	-0.6740	5.7159	1.2002	12.854	3.5572	35.1227	3.57879
14900	-2.9386	-0.6496	5.7183	1.2026	12.928	3.5668	35.0870	3.58894
15000	-2.9187	-0.6256	5.7208	1.2037	12.994	3.5763	35.0501	3.59892

S/R= 88.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-6.9363	-5.1424	5.3518	1.0941	6.973	2.3935	31.6633	2.39362
7200	-6.8332	-5.0296	5.3604	1.0944	7.052	2.4136	31.8433	2.41365
7300	-6.7323	-4.9191	5.3687	1.0952	7.133	2.4336	32.0192	2.43368
7400	-6.6333	-4.8107	5.3770	1.0961	7.214	2.4536	32.1926	2.45370
7500	-6.5365	-4.7046	5.3851	1.0970	7.295	2.4735	32.3613	2.47368
7600	-6.4417	-4.6005	5.3931	1.0979	7.376	2.4935	32.5265	2.49364
7700	-6.3490	-4.4987	5.4009	1.0989	7.457	2.5133	32.6875	2.51354
7800	-6.2583	-4.3989	5.4086	1.0999	7.538	2.5331	32.8441	2.53339
7900	-6.1695	-4.3012	5.4161	1.1008	7.619	2.5529	32.9967	2.55318
8000	-6.0827	-4.2056	5.4235	1.1018	7.701	2.5726	33.1448	2.57290
8100	-5.9977	-4.1120	5.4308	1.1029	7.782	2.5922	33.2893	2.59256
8200	-5.9147	-4.0204	5.4379	1.1039	7.863	2.6117	33.4286	2.61210
8300	-5.8335	-3.9306	5.4450	1.1049	7.943	2.6311	33.5643	2.63159
8400	-5.7540	-3.8428	5.4519	1.1060	8.024	2.6504	33.6955	2.65097
8500	-5.6763	-3.7568	5.4586	1.1071	8.105	2.6697	33.8226	2.67027
8600	-5.6003	-3.6726	5.4653	1.1082	8.186	2.6888	33.9458	2.68947
8700	-5.5260	-3.5903	5.4718	1.1093	8.267	2.7078	34.0641	2.70856
8800	-5.4533	-3.5096	5.4782	1.1104	8.347	2.7267	34.1790	2.72755
8900	-5.3822	-3.4306	5.4846	1.1115	8.428	2.7455	34.2900	2.74644

S/R= 88.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-5.3127	-3.3533	5.4908	1.1127	8.508	2.7642	34.3966	2.76521
9100	-5.2446	-3.2775	5.4969	1.1138	8.588	2.7828	34.4999	2.78389
9200	-5.1781	-3.2033	5.5029	1.1150	8.668	2.8012	34.5991	2.80244
9300	-5.1130	-3.1307	5.5087	1.1162	8.748	2.8195	34.6944	2.82087
9400	-5.0492	-3.0596	5.5145	1.1173	8.828	2.8377	34.7862	2.83920
9500	-4.9869	-2.9899	5.5202	1.1185	8.908	2.8558	34.8745	2.85740
9600	-4.9260	-2.9216	5.5258	1.1198	8.988	2.8737	34.9590	2.87547
9700	-4.8663	-2.8548	5.5313	1.1210	9.067	2.8915	35.0399	2.89343
9800	-4.8079	-2.7893	5.5368	1.1222	9.147	2.9092	35.1179	2.91127
9900	-4.7507	-2.7251	5.5421	1.1234	9.226	2.9267	35.1919	2.92898
10000	-4.6948	-2.6622	5.5473	1.1247	9.305	2.9441	35.2630	2.94656
10100	-4.6400	-2.6006	5.5525	1.1260	9.384	2.9614	35.3307	2.96400
10200	-4.5864	-2.5402	5.5575	1.1271	9.463	2.9785	35.3955	2.98134
10300	-4.5340	-2.4811	5.5625	1.1284	9.542	2.9955	35.4565	2.99852
10400	-4.4826	-2.4231	5.5674	1.1298	9.621	3.0123	35.5146	3.01559
10500	-4.4323	-2.3662	5.5723	1.1311	9.699	3.0290	35.5701	3.03251
10600	-4.3831	-2.3105	5.5770	1.1323	9.777	3.0456	35.6223	3.04931
10700	-4.3349	-2.2559	5.5817	1.1336	9.855	3.0620	35.6717	3.06597
10800	-4.2877	-2.2023	5.5863	1.1349	9.933	3.0782	35.7181	3.08249
10900	-4.2414	-2.1498	5.5908	1.1363	10.011	3.0943	35.7612	3.09887
11000	-4.1962	-2.0984	5.5953	1.1377	10.089	3.1103	35.8021	3.11510
11100	-4.1519	-2.0479	5.5997	1.1390	10.166	3.1261	35.8403	3.13122
11200	-4.1085	-1.9985	5.6040	1.1403	10.244	3.1418	35.8755	3.14717
11300	-4.0660	-1.9500	5.6083	1.1419	10.321	3.1573	35.9084	3.16299
11400	-4.0243	-1.9024	5.6125	1.1432	10.398	3.1726	35.9383	3.17865
11500	-3.9836	-1.8558	5.6166	1.1446	10.475	3.1878	35.9658	3.19418
11600	-3.9436	-1.8101	5.6206	1.1460	10.552	3.2028	35.9907	3.20956
11700	-3.9045	-1.7652	5.6246	1.1475	10.629	3.2177	36.0131	3.22480
11800	-3.8662	-1.7212	5.6286	1.1491	10.706	3.2324	36.0332	3.23987
11900	-3.8287	-1.6781	5.6325	1.1505	10.782	3.2470	36.0505	3.25480
12000	-3.7920	-1.6358	5.6363	1.1519	10.858	3.2614	36.0660	3.26958
12100	-3.7560	-1.5943	5.6400	1.1534	10.933	3.2756	36.0788	3.28421
12200	-3.7207	-1.5536	5.6437	1.1550	11.010	3.2897	36.0893	3.29869
12300	-3.6862	-1.5137	5.6474	1.1565	11.086	3.3036	36.0977	3.31301
12400	-3.6524	-1.4746	5.6510	1.1582	11.162	3.3174	36.1035	3.32717
12500	-3.6193	-1.4362	5.6545	1.1598	11.237	3.3310	36.1072	3.34116
12600	-3.5869	-1.3986	5.6580	1.1613	11.312	3.3444	36.1088	3.35500
12700	-3.5551	-1.3617	5.6614	1.1629	11.387	3.3576	36.1083	3.36869
12800	-3.5240	-1.3254	5.6648	1.1646	11.463	3.3707	36.1056	3.38223
12900	-3.4935	-1.2899	5.6681	1.1663	11.538	3.3836	36.1007	3.39559
13000	-3.4637	-1.2551	5.6714	1.1681	11.613	3.3964	36.0938	3.40878
13100	-3.4345	-1.2210	5.6746	1.1698	11.688	3.4090	36.0846	3.42180
13200	-3.4059	-1.1875	5.6778	1.1715	11.762	3.4214	36.0735	3.43466
13300	-3.3779	-1.1547	5.6809	1.1731	11.836	3.4336	36.0604	3.44736
13400	-3.3504	-1.1225	5.6840	1.1751	11.912	3.4457	36.0456	3.45990
13500	-3.3236	-1.0909	5.6870	1.1768	11.985	3.4576	36.0288	3.47226
13600	-3.2973	-1.0599	5.6900	1.1786	12.059	3.4693	36.0096	3.48446
13700	-3.2716	-1.0296	5.6929	1.1808	12.135	3.4808	35.9889	3.49648
13800	-3.2464	-0.9998	5.6958	1.1826	12.208	3.4922	35.9662	3.50832
13900	-3.2217	-0.9706	5.6986	1.1797	12.257	3.5034	35.9412	3.51997
14000	-3.1967	-0.9412	5.7015	1.1866	12.355	3.5138	35.9217	3.53086
14100	-3.1740	-0.9140	5.7042	1.1938	12.457	3.5253	35.8867	3.54280
14200	-3.1509	-0.8865	5.7069	1.1906	12.503	3.5359	35.8568	3.55396
14300	-3.1283	-0.8595	5.7095	1.1926	12.576	3.5464	35.8249	3.56493
14400	-3.1061	-0.8331	5.7121	1.1949	12.651	3.5568	35.7917	3.57573

S/R= 88.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-3.0845	-0.8072	5.7147	1.1972	12.725	3.5669	35.7563	3.58635
14600	-3.0633	-0.7819	5.7173	1.1993	12.798	3.5769	35.7193	3.59677
14700	-3.0426	-0.7570	5.7198	1.2014	12.870	3.5867	35.6808	3.60703
14800	-3.0223	-0.7326	5.7222	1.2039	12.944	3.5963	35.6406	3.61711
14900	-3.0025	-0.7087	5.7246	1.2064	13.019	3.6057	35.5988	3.62701
15000	-2.9831	-0.6853	5.7270	1.2074	13.084	3.6150	35.5553	3.63673

S/R= 89.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7100	-6.9990	-5.2004	5.3610	1.0934	7.008	2.4195	32.3417	2.41959
7200	-6.8945	-5.0861	5.3696	1.0938	7.089	2.4401	32.5277	2.44018
7300	-6.7923	-4.9744	5.3780	1.0946	7.171	2.4606	32.7079	2.46072
7400	-6.6924	-4.8649	5.3862	1.0955	7.252	2.4811	32.8848	2.48122
7500	-6.5945	-4.7576	5.3943	1.0965	7.335	2.5015	33.0575	2.50171
7600	-6.4988	-4.6526	5.4023	1.0975	7.417	2.5219	33.2254	2.52212
7700	-6.4052	-4.5498	5.4101	1.0984	7.498	2.5423	33.3894	2.54250
7800	-6.3137	-4.4493	5.4178	1.0994	7.581	2.5625	33.5485	2.56279
7900	-6.2242	-4.3509	5.4253	1.1004	7.663	2.5827	33.7033	2.58302
8000	-6.1367	-4.2546	5.4327	1.1015	7.744	2.6028	33.8531	2.60317
8100	-6.0512	-4.1603	5.4399	1.1025	7.826	2.6228	33.9987	2.62323
8200	-5.9676	-4.0681	5.4471	1.1035	7.908	2.6428	34.1398	2.64319
8300	-5.8859	-3.9779	5.4541	1.1046	7.990	2.6626	34.2763	2.66307
8400	-5.8059	-3.8895	5.4609	1.1057	8.071	2.6823	34.4087	2.68285
8500	-5.7278	-3.8031	5.4677	1.1069	8.153	2.7019	34.5362	2.70252
8600	-5.6515	-3.7186	5.4743	1.1080	8.235	2.7214	34.6596	2.72208
8700	-5.5768	-3.6358	5.4808	1.1091	8.316	2.7408	34.7788	2.74155
8800	-5.5038	-3.5548	5.4872	1.1102	8.397	2.7600	34.8934	2.76088
8900	-5.4324	-3.4755	5.4935	1.1114	8.478	2.7792	35.0043	2.78012
9000	-5.3626	-3.3979	5.4997	1.1126	8.560	2.7982	35.1108	2.79923
9100	-5.2944	-3.3219	5.5058	1.1137	8.640	2.8171	35.2134	2.81823
9200	-5.2276	-3.2475	5.5117	1.1149	8.722	2.8358	35.3120	2.83710
9300	-5.1624	-3.1747	5.5176	1.1161	8.802	2.8545	35.4069	2.85584
9400	-5.0985	-3.1034	5.5233	1.1172	8.882	2.8730	35.4978	2.87447
9500	-5.0361	-3.0336	5.5290	1.1185	8.963	2.8913	35.5850	2.89297
9600	-4.9750	-2.9653	5.5346	1.1197	9.043	2.9095	35.6684	2.91133
9700	-4.9152	-2.8983	5.5400	1.1210	9.124	2.9276	35.7480	2.92957
9800	-4.8568	-2.8328	5.5454	1.1222	9.204	2.9456	35.8245	2.94767
9900	-4.7996	-2.7685	5.5507	1.1234	9.284	2.9634	35.8971	2.96564
10000	-4.7436	-2.7056	5.5559	1.1248	9.364	2.9810	35.9668	2.98348
10100	-4.6889	-2.6440	5.5610	1.1261	9.443	2.9985	36.0326	3.00117
10200	-4.6353	-2.5836	5.5661	1.1273	9.523	3.0159	36.0953	3.01874
10300	-4.5829	-2.5245	5.5710	1.1286	9.602	3.0331	36.1544	3.03615
10400	-4.5315	-2.4666	5.5759	1.1299	9.681	3.0502	36.2108	3.05344
10500	-4.4813	-2.4098	5.5807	1.1313	9.761	3.0671	36.2640	3.07057
10600	-4.4322	-2.3542	5.5854	1.1326	9.839	3.0838	36.3138	3.08757
10700	-4.3841	-2.2997	5.5900	1.1338	9.918	3.1004	36.3608	3.10442
10800	-4.3370	-2.2462	5.5946	1.1353	9.997	3.1169	36.4048	3.12112
10900	-4.2909	-2.1939	5.5991	1.1367	10.075	3.1332	36.4456	3.13769
11000	-4.2458	-2.1426	5.6035	1.1381	10.154	3.1493	36.4835	3.15409
11100	-4.2016	-2.0923	5.6078	1.1394	10.232	3.1653	36.5188	3.17035
11200	-4.1584	-2.0430	5.6121	1.1408	10.309	3.1811	36.5512	3.18645
11300	-4.1161	-1.9947	5.6163	1.1423	10.388	3.1967	36.5809	3.20240
11400	-4.0747	-1.9474	5.6205	1.1437	10.465	3.2122	36.6077	3.21820
11500	-4.0341	-1.9010	5.6246	1.1452	10.543	3.2275	36.6320	3.23385

S/R= 89.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	-3.9945	-1.8555	5.6286	1.1467	10.620	3.2427	36.6534	3.24932
11700	-3.9556	-1.8109	5.6325	1.1482	10.697	3.2577	36.6725	3.26466
11800	-3.9176	-1.7672	5.6364	1.1498	10.775	3.2725	36.6888	3.27982
11900	-3.8803	-1.7243	5.6402	1.1512	10.852	3.2871	36.7028	3.29483
12000	-3.8438	-1.6823	5.6440	1.1528	10.928	3.3016	36.7142	3.30968
12100	-3.8082	-1.6412	5.6477	1.1544	11.005	3.3159	36.7232	3.32435
12200	-3.7732	-1.6008	5.6514	1.1560	11.082	3.3300	36.7297	3.33886
12300	-3.7390	-1.5612	5.6550	1.1576	11.158	3.3440	36.7339	3.35321
12400	-3.7055	-1.5225	5.6585	1.1592	11.234	3.3578	36.7354	3.36740
12500	-3.6728	-1.4845	5.6620	1.1609	11.311	3.3714	36.7349	3.38141
12600	-3.6407	-1.4472	5.6654	1.1626	11.387	3.3848	36.7320	3.39524
12700	-3.6093	-1.4107	5.6688	1.1643	11.462	3.3980	36.7268	3.40890
12800	-3.5786	-1.3749	5.6721	1.1660	11.538	3.4111	36.7194	3.42240
12900	-3.5485	-1.3398	5.6754	1.1678	11.614	3.4240	36.7098	3.43572
13000	-3.5191	-1.3054	5.6786	1.1696	11.690	3.4368	36.6981	3.44888
13100	-3.4903	-1.2717	5.6817	1.1714	11.765	3.4493	36.6840	3.46184
13200	-3.4621	-1.2387	5.6849	1.1733	11.841	3.4616	36.6682	3.47462
13300	-3.4346	-1.2063	5.6879	1.1751	11.915	3.4738	36.6493	3.48722
13400	-3.4076	-1.1746	5.6909	1.1771	11.991	3.4858	36.6294	3.49964
13500	-3.3812	-1.1435	5.6939	1.1789	12.065	3.4976	36.6069	3.51188
13600	-3.3554	-1.1131	5.6968	1.1808	12.139	3.5092	36.5823	3.52396
13700	-3.3302	-1.0832	5.6997	1.1831	12.216	3.5206	36.5560	3.53584
13800	-3.3055	-1.0540	5.7025	1.1851	12.290	3.5319	36.5279	3.54753
13900	-3.2814	-1.0254	5.7053	1.1821	12.338	3.5429	36.4972	3.55903
14000	-3.2568	-0.9965	5.7081	1.1894	12.439	3.5532	36.4718	3.56974
14100	-3.2347	-0.9699	5.7107	1.1971	12.543	3.5645	36.4307	3.58146
14200	-3.2121	-0.9429	5.7133	1.1936	12.588	3.5750	36.3942	3.59239
14300	-3.1901	-0.9166	5.7159	1.1958	12.662	3.5853	36.3563	3.60315
14400	-3.1685	-0.8908	5.7185	1.1983	12.737	3.5954	36.3167	3.61372
14500	-3.1474	-0.8655	5.7210	1.2008	12.812	3.6054	36.2747	3.62409
14600	-3.1268	-0.8407	5.7234	1.2030	12.886	3.6151	36.2319	3.63426
14700	-3.1067	-0.8165	5.7259	1.2053	12.959	3.6247	36.1868	3.64425
14800	-3.0870	-0.7927	5.7283	1.2081	13.035	3.6340	36.1399	3.65405
14900	-3.0678	-0.7695	5.7306	1.2108	13.110	3.6432	36.0915	3.66365
15000	-3.0490	-0.7468	5.7329	1.2118	13.176	3.6522	36.0410	3.67305

S/R= 90.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7200	-6.9535	-5.1404	5.3787	1.0937	7.127	2.4669	33.2212	2.46705
7300	-6.8502	-5.0274	5.3877	1.0941	7.209	2.4880	33.4062	2.48810
7400	-6.7493	-4.9170	5.3954	1.0950	7.291	2.5089	33.5854	2.50908
7500	-6.6505	-4.8088	5.4035	1.0960	7.374	2.5299	33.7609	2.53003
7600	-6.5539	-4.7029	5.4114	1.0970	7.457	2.5507	33.9322	2.55092
7700	-6.4596	-4.5993	5.4192	1.0980	7.540	2.5715	34.0980	2.57173
7800	-6.3674	-4.4980	5.4269	1.0991	7.623	2.5922	34.2596	2.59247
7900	-6.2773	-4.3989	5.4344	1.1001	7.706	2.6128	34.4156	2.61311
8000	-6.1892	-4.3020	5.4418	1.1011	7.789	2.6333	34.5675	2.63369
8100	-6.1032	-4.2072	5.4490	1.1022	7.871	2.6538	34.7140	2.65414
8200	-6.0190	-4.1144	5.4561	1.1033	7.954	2.6741	34.8562	2.67451
8300	-5.9369	-4.0238	5.4631	1.1043	8.036	2.6943	34.9935	2.69477
8400	-5.8565	-3.9350	5.4699	1.1055	8.119	2.7144	35.1260	2.71492
8500	-5.7780	-3.8482	5.4768	1.1067	8.201	2.7344	35.2544	2.73497
8600	-5.7014	-3.7633	5.4832	1.1077	8.283	2.7542	35.3777	2.75488
8700	-5.6264	-3.6802	5.4897	1.1088	8.365	2.7739	35.4968	2.77470

S/R= 90.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-5.5531	-3.5989	5.4961	1.1100	8.447	2.7935	35.6113	2.79438
8900	-5.4816	-3.5194	5.5023	1.1113	8.530	2.8130	35.7215	2.81394
9000	-5.4115	-3.4416	5.5085	1.1124	8.611	2.8323	35.8281	2.83338
9100	-5.3431	-3.3654	5.5145	1.1136	8.693	2.8515	35.9299	2.85269
9200	-5.2762	-3.2909	5.5204	1.1149	8.775	2.8706	36.0273	2.87187
9300	-5.2108	-3.2179	5.5262	1.1161	8.856	2.8895	36.1215	2.89092
9400	-5.1469	-3.1465	5.5320	1.1172	8.937	2.9083	36.2112	2.90983
9500	-5.0844	-3.0766	5.5376	1.1185	9.018	2.9270	36.2970	2.92861
9600	-5.0232	-3.0082	5.5431	1.1198	9.099	2.9455	36.3794	2.94725
9700	-4.9634	-2.9412	5.5486	1.1210	9.180	2.9638	36.4577	2.96576
9800	-4.9050	-2.8756	5.5539	1.1223	9.261	2.9820	36.5322	2.98411
9900	-4.8478	-2.8114	5.5592	1.1235	9.341	3.0001	36.6032	3.00234
10000	-4.7918	-2.7485	5.5643	1.1248	9.422	3.0180	36.6707	3.02041
10100	-4.7371	-2.6869	5.5694	1.1262	9.502	3.0357	36.7345	3.03833
10200	-4.6836	-2.6266	5.5744	1.1274	9.582	3.0533	36.7952	3.05613
10300	-4.6312	-2.5676	5.5793	1.1289	9.663	3.0707	36.8524	3.07375
10400	-4.5800	-2.5097	5.5841	1.1302	9.742	3.0880	36.9058	3.09124
10500	-4.5299	-2.4531	5.5889	1.1315	9.822	3.1051	36.9568	3.10857
10600	-4.4809	-2.3975	5.5936	1.1328	9.901	3.1220	37.0038	3.12575
10700	-4.4329	-2.3432	5.5982	1.1342	9.981	3.1388	37.0480	3.14278
10800	-4.3860	-2.2899	5.6027	1.1357	10.060	3.1554	37.0894	3.15964
10900	-4.3401	-2.2377	5.6071	1.1371	10.139	3.1719	37.1276	3.17636
11000	-4.2952	-2.1866	5.6115	1.1385	10.218	3.1882	37.1625	3.19292
11100	-4.2512	-2.1365	5.6158	1.1399	10.296	3.2043	37.1946	3.20932
11200	-4.2082	-2.0875	5.6200	1.1413	10.375	3.2202	37.2236	3.22553
11300	-4.1661	-2.0394	5.6242	1.1429	10.454	3.2360	37.2497	3.24160
11400	-4.1249	-1.9923	5.6283	1.1444	10.532	3.2516	37.2728	3.25751
11500	-4.0846	-1.9462	5.6323	1.1459	10.610	3.2670	37.2940	3.27326
11600	-4.0452	-1.9010	5.6363	1.1474	10.688	3.2822	37.3116	3.28881
11700	-4.0066	-1.8567	5.6402	1.1490	10.766	3.2973	37.3267	3.30421
11800	-3.9689	-1.8133	5.6440	1.1507	10.844	3.3122	37.3390	3.31943
11900	-3.9320	-1.7708	5.6478	1.1521	10.921	3.3269	37.3490	3.33449
12000	-3.8958	-1.7291	5.6515	1.1536	10.998	3.3414	37.3562	3.34939
12100	-3.8605	-1.6883	5.6552	1.1553	11.076	3.3558	37.3609	3.36408
12200	-3.8259	-1.6483	5.6588	1.1571	11.154	3.3699	37.3629	3.37860
12300	-3.7921	-1.6092	5.6623	1.1588	11.231	3.3839	37.3624	3.39294
12400	-3.7590	-1.5708	5.6658	1.1604	11.307	3.3977	37.3594	3.40712
12500	-3.7266	-1.5332	5.6693	1.1622	11.384	3.4113	37.3544	3.42111
12600	-3.6950	-1.4964	5.6726	1.1641	11.461	3.4247	37.3464	3.43491
12700	-3.6640	-1.4603	5.6759	1.1657	11.537	3.4379	37.3364	3.44853
12800	-3.6337	-1.4250	5.6792	1.1676	11.613	3.4509	37.3237	3.46195
12900	-3.6041	-1.3904	5.6824	1.1696	11.690	3.4638	37.3087	3.47518
13000	-3.5751	-1.3564	5.6856	1.1715	11.766	3.4764	37.2915	3.48824
13100	-3.5468	-1.3233	5.6887	1.1733	11.842	3.4889	37.2722	3.50111
13200	-3.5191	-1.2907	5.6917	1.1752	11.918	3.5011	37.2506	3.51379
13300	-3.4921	-1.2589	5.6947	1.1772	11.993	3.5132	37.2266	3.52626
13400	-3.4656	-1.2277	5.6977	1.1795	12.070	3.5251	37.2006	3.53853
13500	-3.4398	-1.1972	5.7006	1.1814	12.145	3.5367	37.1722	3.55062
13600	-3.4145	-1.1673	5.7034	1.1834	12.220	3.5482	37.1415	3.56250
13700	-3.3898	-1.1381	5.7062	1.1857	12.296	3.5595	37.1089	3.57419
13800	-3.3656	-1.1094	5.7090	1.1880	12.372	3.5705	37.0744	3.58568
13900	-3.3421	-1.0814	5.7117	1.1848	12.419	3.5814	37.0376	3.59697
14000	-3.3181	-1.0531	5.7144	1.1925	12.522	3.5915	37.0064	3.60746
14100	-3.2966	-1.0271	5.7169	1.2008	12.630	3.6026	36.9582	3.61895
14200	-3.2746	-1.0009	5.7195	1.1972	12.673	3.6128	36.9151	3.62962

S/R= 90.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14300	-3.2532	-0.9752	5.7220	1.1996	12.748	3.6229	36.8704	3.64010
14400	-3.2322	-0.9500	5.7245	1.2023	12.825	3.6328	36.8242	3.65039
14500	-3.2117	-0.9254	5.7269	1.2049	12.900	3.6425	36.7754	3.66046
14600	-3.1918	-0.9013	5.7293	1.2072	12.974	3.6519	36.7247	3.67032
14700	-3.1723	-0.8778	5.7317	1.2098	13.049	3.6612	36.6728	3.67999
14800	-3.1533	-0.8547	5.7340	1.2129	13.126	3.6703	36.6185	3.68945
14900	-3.1347	-0.8322	5.7362	1.2157	13.201	3.6792	36.5630	3.69871
15000	-3.1166	-0.8102	5.7384	1.2169	13.268	3.6879	36.5054	3.70774

S/R= 91.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-6.9061	-5.0786	5.3962	1.0942	7.249	2.5157	34.1118	2.51580
7400	-6.8043	-4.9671	5.4045	1.0946	7.331	2.5371	34.2942	2.53725
7500	-6.7048	-4.8581	5.4125	1.0956	7.415	2.5585	34.4718	2.55865
7600	-6.6074	-4.7514	5.4205	1.0967	7.498	2.5798	34.6459	2.57999
7700	-6.5124	-4.6472	5.4282	1.0977	7.582	2.6010	34.8130	2.60123
7800	-6.4195	-4.5452	5.4359	1.0987	7.666	2.6221	34.9766	2.62240
7900	-6.3289	-4.4455	5.4434	1.0998	7.749	2.6432	35.1340	2.64345
8000	-6.2402	-4.3480	5.4507	1.1009	7.833	2.6641	35.2869	2.66443
8100	-6.1537	-4.2527	5.4579	1.1020	7.916	2.6849	35.4346	2.68528
8200	-6.0692	-4.1595	5.4650	1.1030	7.999	2.7056	35.5770	2.70602
8300	-5.9866	-4.0684	5.4719	1.1041	8.083	2.7262	35.7151	2.72666
8400	-5.9060	-3.9793	5.4787	1.1053	8.166	2.7466	35.8477	2.74718
8500	-5.8271	-3.8921	5.4854	1.1064	8.249	2.7670	35.9761	2.76758
8600	-5.7502	-3.8069	5.4920	1.1076	8.332	2.7872	36.0993	2.78784
8700	-5.6750	-3.7236	5.4984	1.1087	8.415	2.8072	36.2176	2.80799
8800	-5.6015	-3.6420	5.5048	1.1099	8.498	2.8272	36.3325	2.82802
8900	-5.5297	-3.5624	5.5110	1.1112	8.581	2.8469	36.4417	2.84789
9000	-5.4596	-3.4844	5.5171	1.1123	8.663	2.8666	36.5472	2.86765
9100	-5.3909	-3.4080	5.5231	1.1136	8.745	2.8861	36.6481	2.88726
9200	-5.3240	-3.3334	5.5290	1.1148	8.828	2.9055	36.7448	2.90673
9300	-5.2585	-3.2603	5.5348	1.1160	8.910	2.9247	36.8374	2.92607
9400	-5.1944	-3.1888	5.5405	1.1172	8.991	2.9438	36.9259	2.94526
9500	-5.1319	-3.1189	5.5460	1.1185	9.073	2.9627	37.0099	2.96431
9600	-5.0707	-3.0504	5.5515	1.1198	9.155	2.9814	37.0905	2.98321
9700	-5.0109	-2.9834	5.5569	1.1211	9.237	3.0000	37.1673	3.00197
9800	-4.9525	-2.9179	5.5622	1.1224	9.318	3.0185	37.2401	3.02057
9900	-4.8954	-2.8537	5.5675	1.1236	9.399	3.0368	37.3092	3.03903
10000	-4.8394	-2.7909	5.5726	1.1250	9.480	3.0549	37.3743	3.05733
10100	-4.7848	-2.7294	5.5776	1.1264	9.561	3.0728	37.4359	3.07546
10200	-4.7314	-2.6691	5.5826	1.1277	9.642	3.0906	37.4943	3.09347
10300	-4.6792	-2.6102	5.5874	1.1291	9.722	3.1083	37.5487	3.11129
10400	-4.6281	-2.5525	5.5922	1.1305	9.803	3.1257	37.5999	3.12896
10500	-4.5781	-2.4960	5.5969	1.1318	9.883	3.1430	37.6476	3.14646
10600	-4.5293	-2.4407	5.6015	1.1332	9.963	3.1601	37.6921	3.16382
10700	-4.4815	-2.3865	5.6061	1.1346	10.043	3.1771	37.7333	3.18101
10800	-4.4347	-2.3334	5.6106	1.1362	10.123	3.1938	37.7713	3.19802
10900	-4.3890	-2.2815	5.6150	1.1376	10.203	3.2104	37.8061	3.21486
11000	-4.3444	-2.2306	5.6193	1.1390	10.282	3.2268	37.8380	3.23154
11100	-4.3006	-2.1807	5.6236	1.1404	10.361	3.2431	37.8666	3.24807
11200	-4.2579	-2.1320	5.6278	1.1419	10.440	3.2591	37.8917	3.26439
11300	-4.2161	-2.0842	5.6319	1.1437	10.520	3.2750	37.9144	3.28054
11400	-4.1752	-2.0374	5.6359	1.1451	10.599	3.2906	37.9336	3.29653
11500	-4.1352	-1.9915	5.6399	1.1466	10.677	3.3062	37.9505	3.31235

S/R= 91.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11600	-4.0961	-1.9467	5.6438	1.1482	10.756	3.3215	37.9642	3.32797
11700	-4.0578	-1.9027	5.6477	1.1499	10.835	3.3366	37.9753	3.34342
11800	-4.0205	-1.8597	5.6515	1.1517	10.913	3.3515	37.9829	3.35865
11900	-3.9839	-1.8176	5.6552	1.1530	10.990	3.3662	37.9884	3.37372
12000	-3.9481	-1.7763	5.6589	1.1547	11.068	3.3808	37.9912	3.38863
12100	-3.9132	-1.7359	5.6625	1.1566	11.147	3.3952	37.9911	3.40333
12200	-3.8790	-1.6963	5.6660	1.1583	11.224	3.4093	37.9884	3.41784
12300	-3.8456	-1.6576	5.6695	1.1602	11.303	3.4233	37.9827	3.43215
12400	-3.8129	-1.6197	5.6729	1.1619	11.380	3.4370	37.9747	3.44626
12500	-3.7810	-1.5826	5.6763	1.1637	11.456	3.4506	37.9641	3.46018
12600	-3.7498	-1.5463	5.6796	1.1656	11.534	3.4639	37.9511	3.47392
12700	-3.7193	-1.5107	5.6829	1.1674	11.611	3.4771	37.9356	3.48745
12800	-3.6895	-1.4758	5.6860	1.1694	11.688	3.4900	37.9174	3.50079
12900	-3.6604	-1.4418	5.6892	1.1715	11.765	3.5028	37.8966	3.51391
13000	-3.6319	-1.4084	5.6923	1.1735	11.842	3.5153	37.8732	3.52682
13100	-3.6042	-1.3758	5.6953	1.1756	11.919	3.5276	37.8481	3.53953
13200	-3.5770	-1.3439	5.6983	1.1776	11.995	3.5398	37.8201	3.55204
13300	-3.5505	-1.3126	5.7012	1.1797	12.071	3.5517	37.7898	3.56435
13400	-3.5246	-1.2820	5.7041	1.1820	12.149	3.5634	37.7576	3.57644
13500	-3.4993	-1.2521	5.7069	1.1841	12.224	3.5749	37.7229	3.58833
13600	-3.4746	-1.2228	5.7097	1.1863	12.300	3.5862	37.6855	3.59999
13700	-3.4505	-1.1943	5.7124	1.1889	12.378	3.5972	37.6462	3.61144
13800	-3.4270	-1.1663	5.7151	1.1912	12.454	3.6081	37.6048	3.62268
13900	-3.4041	-1.1389	5.7177	1.1879	12.500	3.6187	37.5604	3.63369
14000	-3.3807	-1.1112	5.7204	1.1961	12.605	3.6285	37.5233	3.64392
14100	-3.3599	-1.0860	5.7229	1.2051	12.717	3.6394	37.4672	3.65511
14200	-3.3385	-1.0604	5.7254	1.2012	12.758	3.6494	37.4169	3.66548
14300	-3.3178	-1.0354	5.7278	1.2040	12.835	3.6592	37.3651	3.67564
14400	-3.2975	-1.0110	5.7302	1.2068	12.912	3.6688	37.3111	3.68559
14500	-3.2777	-0.9871	5.7326	1.2096	12.988	3.6781	37.2549	3.69531
14600	-3.2585	-0.9638	5.7349	1.2124	13.064	3.6873	37.1971	3.70481
14700	-3.2397	-0.9410	5.7371	1.2150	13.139	3.6962	37.1371	3.71410
14800	-3.2213	-0.9187	5.7393	1.2183	13.217	3.7049	37.0753	3.72318
14900	-3.2035	-0.8969	5.7415	1.2214	13.294	3.7135	37.0118	3.73204
15000	-3.1861	-0.8757	5.7437	1.2228	13.361	3.7218	36.9462	3.74067

S/R= 92.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7300	-6.9603	-5.1279	5.4052	1.0938	7.288	2.5436	34.8243	2.54377
7400	-6.8576	-5.0155	5.4134	1.0943	7.371	2.5655	35.0100	2.56569
7500	-6.7573	-4.9058	5.4215	1.0953	7.455	2.5874	35.1896	2.58752
7600	-6.6593	-4.7984	5.4294	1.0963	7.540	2.6091	35.3647	2.60930
7700	-6.5637	-4.6935	5.4371	1.0974	7.624	2.6307	35.5344	2.63097
7800	-6.4702	-4.5909	5.4447	1.0984	7.709	2.6523	35.6984	2.65254
7900	-6.3790	-4.4907	5.4522	1.0995	7.793	2.6737	35.8577	2.67400
8000	-6.2900	-4.3927	5.4595	1.1006	7.877	2.6950	36.0108	2.69536
8100	-6.2030	-4.2970	5.4667	1.1018	7.962	2.7162	36.1593	2.71660
8200	-6.1181	-4.2034	5.4737	1.1028	8.046	2.7373	36.3020	2.73772
8300	-6.0352	-4.1119	5.4807	1.1040	8.130	2.7582	36.4402	2.75872
8400	-5.9542	-4.0225	5.4874	1.1052	8.214	2.7790	36.5729	2.77959
8500	-5.8752	-3.9351	5.4941	1.1063	8.297	2.7997	36.7009	2.80034
8600	-5.7980	-3.8496	5.5006	1.1075	8.381	2.8203	36.8241	2.82095
8700	-5.7226	-3.7661	5.5070	1.1086	8.464	2.8406	36.9417	2.84141
8800	-5.6489	-3.6843	5.5133	1.1099	8.548	2.8609	37.0554	2.86176

S/R= 92.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8900	-5.5770	-3.6044	5.5195	1.1111	8.631	2.8810	37.1639	2.88195
9000	-5.5067	-3.5263	5.5256	1.1123	8.715	2.9009	37.2685	2.90200
9100	-5.4380	-3.4499	5.5315	1.1135	8.797	2.9208	37.3683	2.92191
9200	-5.3710	-3.3752	5.5374	1.1148	8.880	2.9404	37.4634	2.94166
9300	-5.3054	-3.3021	5.5431	1.1161	8.963	2.9599	37.5546	2.96127
9400	-5.2414	-3.2305	5.5488	1.1173	9.045	2.9792	37.6415	2.98073
9500	-5.1788	-3.1606	5.5543	1.1186	9.128	2.9984	37.7238	3.00004
9600	-5.1177	-3.0922	5.5598	1.1199	9.210	3.0174	37.8024	3.01918
9700	-5.0579	-3.0252	5.5651	1.1213	9.293	3.0362	37.8769	3.03818
9800	-4.9995	-2.9597	5.5704	1.1226	9.375	3.0549	37.9477	3.05700
9900	-4.9425	-2.8956	5.5756	1.1238	9.456	3.0734	38.0144	3.07568
10000	-4.8867	-2.8329	5.5807	1.1251	9.538	3.0918	38.0771	3.09420
10100	-4.8322	-2.7715	5.5857	1.1266	9.620	3.1099	38.1364	3.11254
10200	-4.7788	-2.7114	5.5906	1.1280	9.701	3.1279	38.1919	3.13072
10300	-4.7268	-2.6526	5.5954	1.1294	9.782	3.1457	38.2433	3.14873
10400	-4.6758	-2.5951	5.6001	1.1308	9.863	3.1633	38.2917	3.16658
10500	-4.6261	-2.5387	5.6048	1.1322	9.944	3.1808	38.3363	3.18423
10600	-4.5774	-2.4836	5.6094	1.1336	10.024	3.1981	38.3775	3.20173
10700	-4.5298	-2.4297	5.6139	1.1351	10.105	3.2151	38.4156	3.21906
10800	-4.4833	-2.3768	5.6183	1.1366	10.186	3.2320	38.4501	3.23620
10900	-4.4379	-2.3251	5.6227	1.1382	10.266	3.2488	38.4813	3.25316
11000	-4.3935	-2.2746	5.6270	1.1396	10.346	3.2653	38.5090	3.26993
11100	-4.3500	-2.2250	5.6312	1.1411	10.425	3.2816	38.5339	3.28655
11200	-4.3076	-2.1765	5.6353	1.1426	10.505	3.2977	38.5551	3.30296
11300	-4.2661	-2.1291	5.6394	1.1444	10.585	3.3137	38.5733	3.31918
11400	-4.2255	-2.0827	5.6434	1.1460	10.665	3.3294	38.5888	3.33522
11500	-4.1859	-2.0372	5.6473	1.1475	10.744	3.3450	38.6010	3.35106
11600	-4.1471	-1.9927	5.6512	1.1491	10.823	3.3603	38.6104	3.36672
11700	-4.1092	-1.9491	5.6550	1.1509	10.902	3.3755	38.6167	3.38219
11800	-4.0723	-1.9065	5.6587	1.1527	10.981	3.3904	38.6199	3.39744
11900	-4.0361	-1.8648	5.6624	1.1542	11.059	3.4051	38.6199	3.41249
12000	-4.0008	-1.8240	5.6660	1.1560	11.138	3.4197	38.6177	3.42736
12100	-3.9663	-1.7841	5.6695	1.1579	11.217	3.4340	38.6124	3.44202
12200	-3.9325	-1.7450	5.6730	1.1597	11.295	3.4481	38.6043	3.45648
12300	-3.8996	-1.7067	5.6764	1.1617	11.373	3.4620	38.5935	3.47074
12400	-3.8674	-1.6693	5.6798	1.1635	11.451	3.4757	38.5795	3.48476
12500	-3.8360	-1.6328	5.6831	1.1655	11.529	3.4892	38.5631	3.49858
12600	-3.8053	-1.5970	5.6863	1.1675	11.607	3.5024	38.5441	3.51219
12700	-3.7753	-1.5619	5.6895	1.1693	11.684	3.5155	38.5226	3.52559
12800	-3.7461	-1.5277	5.6927	1.1714	11.762	3.5283	38.4982	3.53879
12900	-3.7175	-1.4942	5.6957	1.1737	11.840	3.5409	38.4714	3.55176
13000	-3.6896	-1.4614	5.6987	1.1759	11.918	3.5533	38.4417	3.56451
13100	-3.6624	-1.4295	5.7017	1.1781	11.996	3.5655	38.4097	3.57703
13200	-3.6359	-1.3982	5.7046	1.1802	12.072	3.5774	38.3751	3.58932
13300	-3.6100	-1.3676	5.7075	1.1825	12.149	3.5891	38.3378	3.60140
13400	-3.5848	-1.3377	5.7103	1.1850	12.227	3.6006	38.2985	3.61324
13500	-3.5601	-1.3084	5.7130	1.1873	12.304	3.6119	38.2567	3.62488
13600	-3.5361	-1.2799	5.7157	1.1896	12.381	3.6230	38.2124	3.63629
13700	-3.5126	-1.2520	5.7184	1.1924	12.459	3.6338	38.1657	3.64746
13800	-3.4898	-1.2247	5.7210	1.1950	12.537	3.6444	38.1167	3.65839
13900	-3.4676	-1.1981	5.7235	1.1915	12.581	3.6547	38.0653	3.66910
14000	-3.4448	-1.1711	5.7261	1.2004	12.690	3.6643	38.0203	3.67899
14100	-3.4247	-1.1467	5.7285	1.2102	12.805	3.6748	37.9565	3.68982
14200	-3.4041	-1.1219	5.7309	1.2059	12.845	3.6844	37.8983	3.69984
14300	-3.3841	-1.0977	5.7333	1.2089	12.922	3.6939	37.8382	3.70963

S/R= 92.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14400	-3.3645	-1.0740	5.7356	1.2119	12.999	3.7031	37.7761	3.71919
14500	-3.3455	-1.0509	5.7378	1.2151	13.078	3.7121	37.7119	3.72850
14600	-3.3270	-1.0284	5.7401	1.2184	13.156	3.7209	37.6459	3.73759
14700	-3.3090	-1.0064	5.7422	1.2211	13.231	3.7295	37.5776	3.74645
14800	-3.2914	-0.9850	5.7444	1.2248	13.311	3.7378	37.5072	3.75508
14900	-3.2744	-0.9640	5.7465	1.2282	13.389	3.7459	37.4357	3.76349
15000	-3.2578	-0.9436	5.7485	1.2296	13.455	3.7538	37.3618	3.77165

S/R= 93.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7400	-6.9092	-5.0624	5.4223	1.0944	7.412	2.5942	35.7317	2.59438
7500	-6.8083	-4.9520	5.4303	1.0950	7.496	2.6165	35.9130	2.61664
7600	-6.7098	-4.8440	5.4382	1.0960	7.581	2.6386	36.0894	2.63883
7700	-6.6135	-4.7384	5.4459	1.0971	7.667	2.6607	36.2605	2.66092
7800	-6.5196	-4.6354	5.4535	1.0982	7.752	2.6826	36.4255	2.68288
7900	-6.4280	-4.5347	5.4609	1.0993	7.837	2.7044	36.5853	2.70474
8000	-6.3385	-4.4363	5.4682	1.1004	7.922	2.7261	36.7390	2.72648
8100	-6.2512	-4.3401	5.4754	1.1015	8.007	2.7477	36.8876	2.74808
8200	-6.1660	-4.2462	5.4824	1.1027	8.092	2.7691	37.0307	2.76957
8300	-6.0828	-4.1544	5.4893	1.1039	8.176	2.7904	37.1683	2.79092
8400	-6.0015	-4.0647	5.4960	1.1050	8.261	2.8116	37.3012	2.81215
8500	-5.9223	-3.9771	5.5026	1.1062	8.346	2.8326	37.4284	2.83322
8600	-5.8449	-3.8914	5.5091	1.1073	8.430	2.8535	37.5506	2.85415
8700	-5.7693	-3.8077	5.5155	1.1086	8.514	2.8742	37.6678	2.87493
8800	-5.6955	-3.7258	5.5218	1.1098	8.598	2.8947	37.7806	2.89558
8900	-5.6235	-3.6458	5.5279	1.1111	8.682	2.9151	37.8883	2.91608
9000	-5.5531	-3.5676	5.5339	1.1123	8.766	2.9354	37.9910	2.93641
9100	-5.4844	-3.4911	5.5398	1.1135	8.849	2.9554	38.0891	2.95660
9200	-5.4173	-3.4163	5.5457	1.1148	8.933	2.9754	38.1831	2.97663
9300	-5.3517	-3.3433	5.5514	1.1162	9.017	2.9951	38.2719	2.99650
9400	-5.2877	-3.2717	5.5570	1.1174	9.100	3.0147	38.3571	3.01622
9500	-5.2252	-3.2018	5.5625	1.1187	9.183	3.0341	38.4378	3.03577
9600	-5.1641	-3.1334	5.5679	1.1200	9.266	3.0534	38.5136	3.05514
9700	-5.1044	-3.0666	5.5732	1.1214	9.349	3.0724	38.5863	3.07436
9800	-5.0461	-3.0011	5.5784	1.1228	9.431	3.0913	38.6541	3.09340
9900	-4.9892	-2.9372	5.5836	1.1240	9.513	3.1100	38.7187	3.11228
10000	-4.9335	-2.8746	5.5886	1.1254	9.595	3.1286	38.7784	3.13099
10100	-4.8791	-2.8133	5.5935	1.1269	9.678	3.1469	38.8348	3.14952
10200	-4.8260	-2.7534	5.5984	1.1283	9.760	3.1651	38.8871	3.16787
10300	-4.7741	-2.6949	5.6032	1.1298	9.842	3.1830	38.9354	3.18603
10400	-4.7234	-2.6375	5.6079	1.1312	9.923	3.2008	38.9809	3.20403
10500	-4.6738	-2.5814	5.6125	1.1326	10.004	3.2184	39.0221	3.22184
10600	-4.6254	-2.5265	5.6170	1.1341	10.086	3.2358	39.0598	3.23946
10700	-4.5781	-2.4729	5.6215	1.1356	10.167	3.2530	39.0940	3.25689
10800	-4.5319	-2.4203	5.6259	1.1371	10.248	3.2700	39.1246	3.27415
10900	-4.4867	-2.3689	5.6302	1.1388	10.329	3.2868	39.1518	3.29120
11000	-4.4426	-2.3187	5.6344	1.1404	10.410	3.3034	39.1754	3.30805
11100	-4.3995	-2.2695	5.6386	1.1418	10.489	3.3198	39.1960	3.32472
11200	-4.3574	-2.2214	5.6426	1.1434	10.570	3.3360	39.2129	3.34119
11300	-4.3163	-2.1743	5.6467	1.1452	10.650	3.3520	39.2266	3.35745
11400	-4.2761	-2.1282	5.6506	1.1468	10.730	3.3678	39.2372	3.37352
11500	-4.2368	-2.0832	5.6545	1.1485	10.810	3.3834	39.2448	3.38938
11600	-4.1985	-2.0392	5.6583	1.1503	10.890	3.3987	39.2487	3.40501
11700	-4.1611	-1.9960	5.6620	1.1521	10.970	3.4139	39.2501	3.42047

S/R= 93.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11800	-4.1245	-1.9539	5.6657	1.1539	11.049	3.4288	39.2481	3.43570
11900	-4.0888	-1.9127	5.6693	1.1554	11.127	3.4435	39.2432	3.45072
12000	-4.0539	-1.8723	5.6729	1.1575	11.207	3.4580	39.2348	3.46553
12100	-4.0199	-1.8329	5.6763	1.1595	11.287	3.4723	39.2240	3.48009
12200	-3.9867	-1.7944	5.6798	1.1613	11.365	3.4863	39.2099	3.49445
12300	-3.9543	-1.7567	5.6831	1.1634	11.445	3.5001	39.1930	3.50860
12400	-3.9227	-1.7199	5.6864	1.1653	11.523	3.5137	39.1732	3.52252
12500	-3.8918	-1.6839	5.6896	1.1673	11.601	3.5271	39.1501	3.53621
12600	-3.8617	-1.6487	5.6928	1.1695	11.680	3.5402	39.1249	3.54966
12700	-3.8323	-1.6143	5.6959	1.1716	11.758	3.5531	39.0963	3.56288
12800	-3.8037	-1.5807	5.6990	1.1739	11.837	3.5657	39.0650	3.57586
12900	-3.7757	-1.5479	5.7020	1.1762	11.915	3.5782	39.0316	3.58864
13000	-3.7485	-1.5158	5.7050	1.1785	11.993	3.5904	38.9949	3.60117
13100	-3.7219	-1.4845	5.7078	1.1810	12.072	3.6023	38.9556	3.61346
13200	-3.6960	-1.4539	5.7107	1.1832	12.149	3.6140	38.9138	3.62550
13300	-3.6708	-1.4240	5.7135	1.1858	12.228	3.6255	38.8693	3.63731
13400	-3.6463	-1.3948	5.7162	1.1885	12.307	3.6367	38.8222	3.64886
13500	-3.6223	-1.3664	5.7189	1.1909	12.384	3.6477	38.7726	3.66018
13600	-3.5990	-1.3386	5.7215	1.1935	12.462	3.6585	38.7202	3.67126
13700	-3.5763	-1.3114	5.7240	1.1964	12.540	3.6690	38.6656	3.68209
13800	-3.5542	-1.2850	5.7266	1.1993	12.619	3.6792	38.6086	3.69268
13900	-3.5327	-1.2592	5.7290	1.1956	12.662	3.6893	38.5490	3.70302
14000	-3.5106	-1.2329	5.7316	1.2052	12.775	3.6985	38.4965	3.71254
14100	-3.4914	-1.2094	5.7338	1.2160	12.895	3.7086	38.4232	3.72295
14200	-3.4716	-1.1854	5.7361	1.2115	12.932	3.7179	38.3564	3.73255
14300	-3.4523	-1.1621	5.7384	1.2148	13.011	3.7270	38.2879	3.74191
14400	-3.4336	-1.1392	5.7406	1.2178	13.089	3.7358	38.2174	3.75103
14500	-3.4154	-1.1170	5.7428	1.2215	13.169	3.7444	38.1446	3.75990
14600	-3.3977	-1.0954	5.7449	1.2252	13.249	3.7527	38.0693	3.76853
14700	-3.3804	-1.0742	5.7470	1.2282	13.325	3.7608	37.9928	3.77691
14800	-3.3637	-1.0536	5.7491	1.2322	13.406	3.7687	37.9137	3.78505
14900	-3.3475	-1.0336	5.7511	1.2361	13.486	3.7764	37.8329	3.79295
15000	-3.3317	-1.0141	5.7530	1.2377	13.554	3.7838	37.7504	3.80061

S/R= 94.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7400	-6.9595	-5.1079	5.4310	1.0942	7.452	2.6231	36.4585	2.62327
7500	-6.8579	-4.9967	5.4390	1.0947	7.537	2.6458	36.6422	2.64597
7600	-6.7589	-4.8882	5.4466	1.0958	7.623	2.6684	36.8190	2.66856
7700	-6.6622	-4.7822	5.4546	1.0969	7.709	2.6908	36.9906	2.69104
7800	-6.5678	-4.6786	5.4621	1.0980	7.795	2.7131	37.1569	2.71341
7900	-6.4758	-4.5775	5.4695	1.0991	7.881	2.7353	37.3167	2.73564
8000	-6.3859	-4.4787	5.4768	1.1002	7.967	2.7574	37.4713	2.75776
8100	-6.2983	-4.3823	5.4838	1.1014	8.052	2.7793	37.6194	2.77972
8200	-6.2128	-4.2880	5.4909	1.1025	8.138	2.8011	37.7625	2.80156
8300	-6.1294	-4.1960	5.4977	1.1037	8.223	2.8227	37.8996	2.82324
8400	-6.0479	-4.1061	5.5044	1.1049	8.309	2.8442	38.0316	2.84480
8500	-5.9685	-4.0182	5.5110	1.1061	8.394	2.8656	38.1585	2.86620
8600	-5.8909	-3.9324	5.5176	1.1073	8.478	2.8867	38.2794	2.88744
8700	-5.8152	-3.8485	5.5238	1.1086	8.564	2.9078	38.3959	2.90854
8800	-5.7413	-3.7666	5.5300	1.1098	8.648	2.9286	38.5069	2.92948
8900	-5.6692	-3.6865	5.5361	1.1111	8.733	2.9493	38.6132	2.95026
9000	-5.5988	-3.6083	5.5421	1.1124	8.817	2.9698	38.7147	2.97088
9100	-5.5301	-3.5318	5.5480	1.1136	8.902	2.9902	38.8109	2.99133

S/R= 94.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9200	-5.4630	-3.4570	5.5538	1.1149	8.986	3.0104	39.9027	3.01161
9300	-5.3975	-3.3839	5.5594	1.1162	9.070	3.0303	39.9898	3.03174
9400	-5.3335	-3.3125	5.5650	1.1176	9.154	3.0502	39.0728	3.05168
9500	-5.2711	-3.2426	5.5705	1.1189	9.237	3.0698	39.1509	3.07147
9600	-5.2101	-3.1743	5.5758	1.1202	9.321	3.0893	39.2249	3.09106
9700	-5.1505	-3.1076	5.5811	1.1216	9.404	3.1086	39.2945	3.11049
9800	-5.0924	-3.0423	5.5863	1.1230	9.487	3.1276	39.3596	3.12973
9900	-5.0355	-2.9785	5.5914	1.1243	9.570	3.1466	39.4207	3.14879
10000	-4.9801	-2.9160	5.5964	1.1257	9.653	3.1653	39.4779	3.16767
10100	-4.9259	-2.8550	5.6013	1.1272	9.736	3.1838	39.5310	3.18637
10200	-4.8730	-2.7953	5.6061	1.1287	9.819	3.2021	39.5799	3.20488
10300	-4.8213	-2.7370	5.6108	1.1302	9.901	3.2202	39.6251	3.22318
10400	-4.7708	-2.6799	5.6155	1.1316	9.983	3.2381	39.6664	3.24130
10500	-4.7216	-2.6241	5.6200	1.1331	10.065	3.2558	39.7041	3.25923
10600	-4.6734	-2.5695	5.6245	1.1347	10.147	3.2734	39.7376	3.27696
10700	-4.6264	-2.5162	5.6289	1.1362	10.228	3.2907	39.7678	3.29448
10800	-4.5805	-2.4639	5.6332	1.1378	10.310	3.3077	39.7939	3.31180
10900	-4.5357	-2.4129	5.6375	1.1394	10.391	3.3246	39.8170	3.32893
11000	-4.4919	-2.3630	5.6417	1.1411	10.472	3.3413	39.8361	3.34584
11100	-4.4492	-2.3142	5.6458	1.1427	10.553	3.3578	39.8517	3.36256
11200	-4.4075	-2.2665	5.6498	1.1444	10.634	3.3740	39.8640	3.37902
11300	-4.3668	-2.2199	5.6538	1.1461	10.715	3.3900	39.8728	3.39530
11400	-4.3270	-2.1743	5.6576	1.1478	10.795	3.4058	39.8782	3.41137
11500	-4.2882	-2.1297	5.6615	1.1496	10.876	3.4213	39.8804	3.42722
11600	-4.2503	-2.0861	5.6652	1.1516	10.957	3.4367	39.8793	3.44282
11700	-4.2134	-2.0435	5.6689	1.1534	11.037	3.4518	39.8747	3.45820
11800	-4.1773	-2.0019	5.6725	1.1553	11.117	3.4666	39.8664	3.47336
11900	-4.1421	-1.9612	5.6760	1.1570	11.195	3.4813	39.8558	3.48831
12000	-4.1078	-1.9215	5.6795	1.1590	11.276	3.4957	39.8417	3.50303
12100	-4.0743	-1.8826	5.6829	1.1612	11.356	3.5098	39.8245	3.51748
12200	-4.0417	-1.8447	5.6863	1.1632	11.435	3.5238	39.8035	3.53170
12300	-4.0099	-1.8077	5.6896	1.1654	11.515	3.5374	39.7802	3.54568
12400	-3.9788	-1.7715	5.6928	1.1674	11.594	3.5509	39.7533	3.55943
12500	-3.9486	-1.7361	5.6960	1.1696	11.673	3.5641	39.7236	3.57294
12600	-3.9191	-1.7016	5.6991	1.1720	11.753	3.5770	39.6913	3.58620
12700	-3.8904	-1.6679	5.7021	1.1742	11.832	3.5897	39.6559	3.59921
12800	-3.8624	-1.6350	5.7051	1.1766	11.911	3.6021	39.6171	3.61196
12900	-3.8351	-1.6029	5.7080	1.1790	11.990	3.6143	39.5756	3.62446
13000	-3.8086	-1.5716	5.7109	1.1816	12.069	3.6263	39.5308	3.63671
13100	-3.7828	-1.5410	5.7137	1.1843	12.149	3.6380	39.4842	3.64871
13200	-3.7576	-1.5112	5.7164	1.1868	12.227	3.6494	39.4341	3.66045
13300	-3.7331	-1.4821	5.7191	1.1895	12.306	3.6606	39.3815	3.67192
13400	-3.7093	-1.4538	5.7218	1.1923	12.385	3.6715	39.3263	3.68314
13500	-3.6862	-1.4261	5.7244	1.1951	12.464	3.6821	39.2682	3.69410
13600	-3.6636	-1.3992	5.7269	1.1982	12.544	3.6926	39.2075	3.70480
13700	-3.6417	-1.3729	5.7294	1.2012	12.623	3.7027	39.1444	3.71524
13800	-3.6204	-1.3473	5.7318	1.2043	12.702	3.7126	39.0782	3.72542
13900	-3.5997	-1.3223	5.7342	1.2003	12.743	3.7222	39.0098	3.73533
14000	-3.5784	-1.2969	5.7366	1.2109	12.861	3.7311	38.9488	3.74444
14100	-3.5601	-1.2743	5.7388	1.2227	12.986	3.7407	38.8662	3.75437
14200	-3.5411	-1.2513	5.7410	1.2179	13.022	3.7496	38.7907	3.76350
14300	-3.5227	-1.2288	5.7432	1.2214	13.102	3.7582	38.7126	3.77236
14400	-3.5048	-1.2069	5.7453	1.2248	13.180	3.7666	38.6328	3.78099
14500	-3.4875	-1.1856	5.7474	1.2291	13.263	3.7747	38.5507	3.78934
14600	-3.4706	-1.1649	5.7494	1.2331	13.344	3.7826	38.4665	3.79745

S/R= 94.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14700	-3.4543	-1.1447	5.7514	1.2365	13.422	3.7902	38.3802	3.80531
14800	-3.4384	-1.1250	5.7534	1.2408	13.504	3.7976	38.2920	3.81293
14900	-3.4230	-1.1059	5.7553	1.2449	13.585	3.8048	38.2023	3.82029
15000	-3.4080	-1.0872	5.7571	1.2468	13.653	3.8117	38.1106	3.82741

S/R= 95.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-6.9063	-5.0403	5.4476	1.0950	7.580	2.6753	37.3755	2.67549
7600	-6.8067	-4.9312	5.4555	1.0956	7.665	2.6983	37.5533	2.69848
7700	-6.7096	-4.8248	5.4631	1.0967	7.752	2.7211	37.7254	2.72134
7800	-6.6148	-4.7208	5.4706	1.0978	7.838	2.7438	37.8920	2.74409
7900	-6.5225	-4.6193	5.4780	1.0990	7.925	2.7664	38.0516	2.76668
8000	-6.4323	-4.5202	5.4852	1.1001	8.011	2.7888	38.2062	2.78916
8100	-6.3445	-4.4235	5.4923	1.1013	8.098	2.8111	38.3543	2.81147
8200	-6.2587	-4.3290	5.4992	1.1025	8.184	2.8332	38.4965	2.83365
8300	-6.1751	-4.2368	5.5060	1.1036	8.270	2.8552	38.6333	2.85568
8400	-6.0935	-4.1467	5.5127	1.1049	8.356	2.8770	38.7643	2.87755
8500	-6.0139	-4.0586	5.5193	1.1061	8.442	2.8986	38.8904	2.89926
8600	-5.9362	-3.9727	5.5257	1.1073	8.527	2.9201	39.0100	2.92081
8700	-5.8605	-3.8888	5.5320	1.1086	8.613	2.9414	39.1248	2.94220
8800	-5.7865	-3.8068	5.5382	1.1099	8.698	2.9626	39.2345	2.96342
8900	-5.7144	-3.7267	5.5442	1.1111	8.783	2.9835	39.3389	2.98447
9000	-5.6440	-3.6484	5.5502	1.1124	8.869	3.0043	39.4385	3.00536
9100	-5.5753	-3.5719	5.5560	1.1137	8.954	3.0249	39.5330	3.02606
9200	-5.5082	-3.4972	5.5617	1.1150	9.038	3.0453	39.6226	3.04659
9300	-5.4428	-3.4242	5.5674	1.1163	9.123	3.0656	39.7072	3.06695
9400	-5.3789	-3.3528	5.5729	1.1177	9.207	3.0856	39.7875	3.08712
9500	-5.3166	-3.2831	5.5783	1.1191	9.292	3.1055	39.8631	3.10711
9600	-5.2557	-3.2150	5.5836	1.1205	9.376	3.1251	39.9342	3.12692
9700	-5.1963	-3.1484	5.5888	1.1219	9.460	3.1446	40.0009	3.14652
9800	-5.1383	-3.0833	5.5940	1.1233	9.543	3.1639	40.0628	3.16595
9900	-5.0817	-3.0196	5.5990	1.1247	9.627	3.1830	40.1208	3.18518
10000	-5.0264	-2.9574	5.6040	1.1261	9.710	3.2018	40.1747	3.20422
10100	-4.9725	-2.8967	5.6088	1.1276	9.794	3.2205	40.2240	3.22305
10200	-4.9198	-2.8372	5.6136	1.1292	9.877	3.2389	40.2695	3.24170
10300	-4.8684	-2.7792	5.6183	1.1307	9.960	3.2572	40.3106	3.26013
10400	-4.8182	-2.7224	5.6229	1.1321	10.042	3.2752	40.3479	3.27835
10500	-4.7693	-2.6669	5.6274	1.1337	10.125	3.2930	40.3814	3.29636
10600	-4.7215	-2.6127	5.6318	1.1353	10.207	3.3106	40.4106	3.31418
10700	-4.6748	-2.5596	5.6362	1.1369	10.289	3.3280	40.4362	3.33178
10800	-4.6293	-2.5078	5.6404	1.1386	10.372	3.3451	40.4579	3.34915
10900	-4.5849	-2.4572	5.6446	1.1403	10.453	3.3621	40.4757	3.36630
11000	-4.5415	-2.4077	5.6487	1.1419	10.535	3.3788	40.4900	3.38324
11100	-4.4992	-2.3594	5.6528	1.1436	10.616	3.3953	40.5007	3.39997
11200	-4.4579	-2.3121	5.6568	1.1455	10.698	3.4115	40.5076	3.41645
11300	-4.4177	-2.2660	5.6607	1.1473	10.780	3.4275	40.5108	3.43267
11400	-4.3784	-2.2209	5.6645	1.1490	10.860	3.4432	40.5104	3.44870
11500	-4.3400	-2.1768	5.6682	1.1509	10.941	3.4587	40.5070	3.46450
11600	-4.3027	-2.1338	5.6719	1.1529	11.022	3.4740	40.4996	3.48004
11700	-4.2663	-2.0918	5.6755	1.1549	11.103	3.4890	40.4890	3.49534
11800	-4.2308	-2.0508	5.6791	1.1569	11.184	3.5038	40.4744	3.51038
11900	-4.1962	-2.0107	5.6825	1.1587	11.263	3.5183	40.4569	3.52518
12000	-4.1624	-1.9716	5.6860	1.1609	11.344	3.5326	40.4363	3.53976
12100	-4.1296	-1.9334	5.6893	1.1632	11.425	3.5466	40.4123	3.55407

S/R= 95.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12200	-4.0976	-1.8961	5.6926	1.1652	11.504	3.5604	40.3847	3.56812
12300	-4.0664	-1.8597	5.6958	1.1676	11.585	3.5739	40.3537	3.58191
12400	-4.0360	-1.8243	5.6989	1.1699	11.665	3.5871	40.3195	3.59543
12500	-4.0065	-1.7897	5.7020	1.1722	11.745	3.6001	40.2817	3.60869
12600	-3.9777	-1.7559	5.7050	1.1747	11.825	3.6128	40.2416	3.62170
12700	-3.9497	-1.7229	5.7080	1.1772	11.905	3.6253	40.1984	3.63445
12800	-3.9224	-1.6908	5.7109	1.1797	11.985	3.6375	40.1517	3.64691
12900	-3.8959	-1.6595	5.7138	1.1824	12.065	3.6494	40.1022	3.65911
13000	-3.8702	-1.6290	5.7165	1.1852	12.145	3.6610	40.0489	3.67102
13100	-3.8451	-1.5993	5.7193	1.1882	12.226	3.6724	39.9937	3.68267
13200	-3.8208	-1.5704	5.7219	1.1908	12.304	3.6835	39.9348	3.69404
13300	-3.7971	-1.5421	5.7245	1.1937	12.384	3.6943	39.8732	3.70513
13400	-3.7741	-1.5147	5.7271	1.1969	12.465	3.7048	39.8089	3.71596
13500	-3.7518	-1.4879	5.7296	1.1999	12.545	3.7151	39.7417	3.72649
13600	-3.7301	-1.4619	5.7320	1.2034	12.626	3.7251	39.6719	3.73676
13700	-3.7091	-1.4365	5.7344	1.2067	12.707	3.7348	39.5994	3.74674
13800	-3.6887	-1.4118	5.7367	1.2103	12.788	3.7443	39.5240	3.75645
13900	-3.6689	-1.3878	5.7390	1.2058	12.826	3.7535	39.4460	3.76588
14000	-3.6484	-1.3633	5.7414	1.2174	12.949	3.7618	39.3761	3.77452
14100	-3.6310	-1.3417	5.7434	1.2306	13.081	3.7710	39.2830	3.78392
14200	-3.6129	-1.3196	5.7456	1.2252	13.113	3.7794	39.1981	3.79254
14300	-3.5954	-1.2981	5.7476	1.2291	13.194	3.7876	39.1106	3.80088
14400	-3.5784	-1.2772	5.7497	1.2330	13.275	3.7954	39.0209	3.80896
14500	-3.5620	-1.2569	5.7516	1.2379	13.361	3.8030	38.9290	3.81676
14600	-3.5460	-1.2371	5.7536	1.2422	13.443	3.8103	38.8351	3.82429
14700	-3.5306	-1.2179	5.7555	1.2461	13.523	3.8174	38.7390	3.83158
14800	-3.5156	-1.1992	5.7573	1.2508	13.606	3.8243	38.6410	3.83861
14900	-3.5011	-1.1810	5.7591	1.2556	13.690	3.8309	38.5414	3.84538
15000	-3.4871	-1.1633	5.7609	1.2578	13.759	3.8373	38.4402	3.85191

S/R= 96.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-6.9535	-5.0827	5.4561	1.0947	7.621	2.7050	38.1128	2.70517
7600	-6.8534	-4.9731	5.4639	1.0954	7.707	2.7283	38.2916	2.72855
7700	-6.7560	-4.8663	5.4715	1.0965	7.794	2.7515	38.4636	2.75179
7800	-6.6609	-4.7620	5.4790	1.0976	7.882	2.7746	38.6301	2.77490
7900	-6.5682	-4.6602	5.4863	1.0988	7.969	2.7975	38.7900	2.79786
8000	-6.4778	-4.5608	5.4935	1.1000	8.056	2.8203	38.9436	2.82068
8100	-6.3897	-4.4639	5.5006	1.1012	8.143	2.8429	39.0917	2.84334
8200	-6.3038	-4.3692	5.5075	1.1024	8.230	2.8654	39.2330	2.86584
8300	-6.2200	-4.2768	5.5142	1.1036	8.317	2.8877	39.3690	2.88819
8400	-6.1383	-4.1865	5.5209	1.1048	8.403	2.9098	39.4987	2.91037
8500	-6.0586	-4.0984	5.5274	1.1061	8.490	2.9318	39.6229	2.93238
8600	-5.9809	-4.0124	5.5337	1.1073	8.576	2.9535	39.7417	2.95422
8700	-5.9051	-3.9285	5.5400	1.1086	8.662	2.9751	39.8547	2.97589
8800	-5.8311	-3.8464	5.5461	1.1099	8.748	2.9965	39.9626	2.99738
8900	-5.7590	-3.7663	5.5522	1.1111	8.834	3.0177	40.0648	3.01870
9000	-5.6887	-3.6881	5.5581	1.1125	8.920	3.0388	40.1622	3.03983
9100	-5.6200	-3.6117	5.5639	1.1139	9.005	3.0596	40.2544	3.06078
9200	-5.5530	-3.5371	5.5695	1.1152	9.091	3.0803	40.3416	3.08154
9300	-5.4877	-3.4642	5.5751	1.1165	9.176	3.1007	40.4236	3.10212
9400	-5.4239	-3.3929	5.5806	1.1179	9.261	3.1210	40.5013	3.12249
9500	-5.3618	-3.3234	5.5860	1.1193	9.346	3.1411	40.5739	3.14268
9600	-5.3010	-3.2554	5.5912	1.1207	9.430	3.1609	40.6416	3.16267

S/R= 96.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9700	-5.2418	-3.1890	5.5964	1.1222	9.515	3.1805	40.7051	3.18246
9800	-5.1841	-3.1241	5.6015	1.1236	9.599	3.2000	40.7636	3.20203
9900	-5.1277	-3.0607	5.6065	1.1251	9.683	3.2192	40.8178	3.22142
10000	-5.0727	-2.9988	5.6114	1.1265	9.767	3.2382	40.8680	3.24060
10100	-5.0190	-2.9383	5.6162	1.1281	9.851	3.2570	40.9136	3.25955
10200	-4.9666	-2.8792	5.6209	1.1297	9.935	3.2756	40.9546	3.27830
10300	-4.9156	-2.8214	5.6255	1.1312	10.018	3.2939	40.9919	3.29683
10400	-4.8657	-2.7650	5.6301	1.1328	10.101	3.3120	41.0247	3.31514
10500	-4.8171	-2.7099	5.6345	1.1344	10.184	3.3299	41.0533	3.33321
10600	-4.7697	-2.6561	5.6389	1.1360	10.267	3.3476	41.0776	3.35108
10700	-4.7234	-2.6035	5.6432	1.1376	10.350	3.3650	41.0989	3.36873
10800	-4.6783	-2.5521	5.6474	1.1394	10.433	3.3822	41.1153	3.38613
10900	-4.6343	-2.5019	5.6516	1.1413	10.515	3.3991	41.1276	3.40328
11000	-4.5914	-2.4530	5.6556	1.1430	10.597	3.4158	41.1362	3.42019
11100	-4.5496	-2.4051	5.6596	1.1446	10.679	3.4323	41.1415	3.43691
11200	-4.5088	-2.3584	5.6635	1.1466	10.761	3.4485	41.1426	3.45335
11300	-4.4691	-2.3127	5.6673	1.1486	10.844	3.4644	41.1397	3.46953
11400	-4.4303	-2.2683	5.6711	1.1504	10.925	3.4801	41.1332	3.48547
11500	-4.3926	-2.2248	5.6748	1.1524	11.006	3.4955	41.1230	3.50115
11600	-4.3558	-2.1824	5.6784	1.1544	11.088	3.5107	41.1095	3.51659
11700	-4.3200	-2.1409	5.6819	1.1566	11.170	3.5256	41.0918	3.53177
11800	-4.2851	-2.1006	5.6854	1.1587	11.251	3.5403	41.0704	3.54667
11900	-4.2512	-2.0612	5.6888	1.1607	11.331	3.5546	41.0459	3.56131
12000	-4.2181	-2.0228	5.6922	1.1630	11.412	3.5687	41.0176	3.57568
12100	-4.1859	-1.9853	5.6954	1.1655	11.494	3.5826	40.9857	3.58977
12200	-4.1546	-1.9488	5.6986	1.1676	11.574	3.5961	40.9503	3.60360
12300	-4.1241	-1.9132	5.7018	1.1702	11.655	3.6094	40.9117	3.61715
12400	-4.0945	-1.8785	5.7049	1.1727	11.737	3.6224	40.8696	3.63041
12500	-4.0657	-1.8447	5.7078	1.1752	11.817	3.6351	40.8238	3.64338
12600	-4.0377	-1.8117	5.7108	1.1779	11.898	3.6475	40.7749	3.65608
12700	-4.0105	-1.7797	5.7136	1.1806	11.979	3.6597	40.7223	3.66849
12800	-3.9841	-1.7484	5.7165	1.1834	12.060	3.6715	40.6671	3.68060
12900	-3.9584	-1.7180	5.7192	1.1862	12.140	3.6831	40.6087	3.69244
13000	-3.9334	-1.6884	5.7219	1.1893	12.221	3.6944	40.5467	3.70397
13100	-3.9093	-1.6596	5.7245	1.1925	12.303	3.7054	40.4819	3.71521
13200	-3.8858	-1.6315	5.7271	1.1956	12.384	3.7161	40.4137	3.72616
13300	-3.8630	-1.6043	5.7296	1.1989	12.465	3.7265	40.3426	3.73681
13400	-3.8409	-1.5778	5.7321	1.2022	12.546	3.7366	40.2685	3.74717
13500	-3.8195	-1.5520	5.7345	1.2055	12.627	3.7464	40.1915	3.75723
13600	-3.7987	-1.5269	5.7368	1.2094	12.710	3.7560	40.1116	3.76702
13700	-3.7786	-1.5025	5.7391	1.2132	12.793	3.7652	40.0292	3.77650
13800	-3.7591	-1.4788	5.7413	1.2172	12.876	3.7742	39.9440	3.78568
13900	-3.7403	-1.4559	5.7435	1.2123	12.911	3.7829	39.8560	3.79457
14000	-3.7207	-1.4323	5.7458	1.2251	13.039	3.7907	39.7764	3.80268
14100	-3.7043	-1.4118	5.7477	1.2399	13.180	3.7994	39.6723	3.81148
14200	-3.6872	-1.3907	5.7497	1.2339	13.208	3.8072	39.5771	3.81953
14300	-3.6706	-1.3702	5.7517	1.2380	13.289	3.8148	39.4792	3.82728
14400	-3.6546	-1.3503	5.7536	1.2425	13.373	3.8221	39.3795	3.83478
14500	-3.6391	-1.3310	5.7555	1.2479	13.460	3.8291	39.2777	3.84199
14600	-3.6241	-1.3122	5.7574	1.2526	13.544	3.8359	39.1739	3.84894
14700	-3.6095	-1.2940	5.7591	1.2572	13.627	3.8425	39.0678	3.85563
14800	-3.5954	-1.2763	5.7609	1.2624	13.713	3.8487	38.9604	3.86206
14900	-3.5819	-1.2591	5.7626	1.2678	13.799	3.8548	38.8506	3.86822
15000	-3.5687	-1.2424	5.7642	1.2704	13.870	3.8606	38.7397	3.87414

S/R= 97.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7500	-6.9997	-5.1241	5.4645	1.0945	7.662	2.7348	38.8532	2.73498
7600	-6.8991	-5.0141	5.4723	1.0952	7.749	2.7586	39.0339	2.75877
7700	-6.8014	-4.9069	5.4798	1.0964	7.837	2.7821	39.2052	2.78237
7800	-6.7060	-4.8023	5.4873	1.0975	7.925	2.8056	39.3711	2.80583
7900	-6.6131	-4.7002	5.4946	1.0987	8.013	2.8288	39.5308	2.82914
8000	-6.5225	-4.6007	5.5017	1.0999	8.101	2.8519	39.6836	2.85230
8100	-6.4342	-4.5035	5.5087	1.1011	8.189	2.8749	39.8308	2.87529
8200	-6.3481	-4.4087	5.5156	1.1024	8.276	2.8977	39.9711	2.89811
8300	-6.2642	-4.3161	5.5223	1.1035	8.363	2.9203	40.1057	2.92076
8400	-6.1824	-4.2258	5.5289	1.1048	8.451	2.9427	40.2343	2.94324
8500	-6.1027	-4.1376	5.5353	1.1061	8.538	2.9649	40.3568	2.96554
8600	-6.0249	-4.0516	5.5417	1.1073	8.625	2.9870	40.4738	2.98766
8700	-5.9491	-3.9676	5.5479	1.1087	8.712	3.0088	40.5848	3.00960
8800	-5.8752	-3.8856	5.5540	1.1100	8.798	3.0305	40.6906	3.03135
8900	-5.8031	-3.8056	5.5600	1.1112	8.884	3.0520	40.7908	3.05291
9000	-5.7329	-3.7274	5.5658	1.1126	8.971	3.0732	40.8853	3.07428
9100	-5.6643	-3.6511	5.5716	1.1140	9.057	3.0943	40.9748	3.09546
9200	-5.5975	-3.5766	5.5772	1.1154	9.143	3.1152	41.0595	3.11643
9300	-5.5323	-3.5039	5.5827	1.1167	9.228	3.1358	41.1388	3.13721
9400	-5.4687	-3.4328	5.5882	1.1182	9.314	3.1563	41.2130	3.15778
9500	-5.4067	-3.3634	5.5935	1.1196	9.399	3.1765	41.2823	3.17814
9600	-5.3462	-3.2957	5.5987	1.1210	9.485	3.1965	41.3464	3.19830
9700	-5.2872	-3.2295	5.6038	1.1226	9.570	3.2163	41.4064	3.21824
9800	-5.2297	-3.1649	5.6089	1.1240	9.655	3.2359	41.4614	3.23796
9900	-5.1736	-3.1018	5.6138	1.1255	9.739	3.2553	41.5114	3.25746
10000	-5.1189	-3.0402	5.6187	1.1270	9.823	3.2744	41.5576	3.27677
10100	-5.0656	-2.9800	5.6234	1.1286	9.908	3.2933	41.5988	3.29582
10200	-5.0135	-2.9213	5.6281	1.1303	9.992	3.3120	41.6353	3.31465
10300	-4.9629	-2.8639	5.6326	1.1318	10.076	3.3304	41.6676	3.33325
10400	-4.9134	-2.8079	5.6371	1.1335	10.160	3.3486	41.6959	3.35163
10500	-4.8652	-2.7532	5.6415	1.1352	10.244	3.3665	41.7192	3.36975
10600	-4.8182	-2.6998	5.6458	1.1369	10.327	3.3842	41.7386	3.38762
10700	-4.7724	-2.6477	5.6501	1.1385	10.410	3.4016	41.7542	3.40527
10800	-4.7277	-2.5968	5.6542	1.1404	10.493	3.4188	41.7650	3.42267
10900	-4.6842	-2.5472	5.6583	1.1423	10.576	3.4357	41.7717	3.43981
11000	-4.6418	-2.4987	5.6623	1.1441	10.659	3.4524	41.7743	3.45668
11100	-4.6006	-2.4515	5.6662	1.1460	10.742	3.4688	41.7730	3.47331
11200	-4.5603	-2.4053	5.6701	1.1479	10.824	3.4849	41.7678	3.48967
11300	-4.5211	-2.3603	5.6738	1.1500	10.907	3.5008	41.7582	3.50577
11400	-4.4830	-2.3164	5.6775	1.1519	10.988	3.5164	41.7452	3.52160
11500	-4.4459	-2.2736	5.6811	1.1540	11.071	3.5317	41.7278	3.53715
11600	-4.4098	-2.2319	5.6847	1.1562	11.153	3.5467	41.7066	3.55240
11700	-4.3746	-2.1912	5.6881	1.1585	11.235	3.5614	41.6817	3.56740
11800	-4.3404	-2.1516	5.6915	1.1608	11.318	3.5759	41.6529	3.58212
11900	-4.3072	-2.1129	5.6949	1.1629	11.398	3.5901	41.6204	3.59655
12000	-4.2748	-2.0753	5.6981	1.1654	11.480	3.6040	41.5842	3.61068
12100	-4.2434	-2.0386	5.7013	1.1681	11.563	3.6176	41.5439	3.62451
12200	-4.2129	-2.0029	5.7044	1.1703	11.643	3.6308	41.4999	3.63805
12300	-4.1832	-1.9682	5.7075	1.1731	11.725	3.6438	41.4524	3.65129
12400	-4.1544	-1.9343	5.7104	1.1760	11.808	3.6565	41.4014	3.66424
12500	-4.1264	-1.9014	5.7134	1.1787	11.889	3.6689	41.3470	3.67687
12600	-4.0993	-1.8694	5.7162	1.1815	11.971	3.6810	41.2888	3.68920
12700	-4.0729	-1.8382	5.7190	1.1846	12.053	3.6928	41.2271	3.70123
12800	-4.0474	-1.8079	5.7217	1.1877	12.135	3.7042	41.1622	3.71293
12900	-4.0226	-1.7784	5.7244	1.1908	12.217	3.7154	41.0938	3.72434

S/R= 97.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13000	-3.9986	-1.7498	5.7270	1.1940	12.299	3.7263	41.0218	3.73543
13100	-3.9754	-1.7220	5.7295	1.1976	12.382	3.7368	40.9467	3.74621
13200	-3.9528	-1.6950	5.7320	1.2011	12.464	3.7471	40.8688	3.75667
13300	-3.9310	-1.6687	5.7344	1.2047	12.547	3.7570	40.7873	3.76683
13400	-3.9099	-1.6432	5.7367	1.2085	12.630	3.7666	40.7027	3.77666
13500	-3.8895	-1.6185	5.7390	1.2123	12.712	3.7760	40.6151	3.78619
13600	-3.8697	-1.5945	5.7413	1.2165	12.796	3.7850	40.5249	3.79542
13700	-3.8505	-1.5712	5.7434	1.2205	12.880	3.7937	40.4318	3.80433
13800	-3.8320	-1.5485	5.7456	1.2251	12.965	3.8021	40.3357	3.81295
13900	-3.8142	-1.5266	5.7476	1.2196	12.996	3.8103	40.2375	3.82126
14000	-3.7955	-1.5040	5.7498	1.2340	13.133	3.8176	40.1482	3.82882
14100	-3.7802	-1.4847	5.7516	1.2510	13.284	3.8256	40.0326	3.83699
14200	-3.7641	-1.4646	5.7536	1.2440	13.306	3.8329	39.9268	3.84441
14300	-3.7485	-1.4452	5.7554	1.2487	13.390	3.8399	39.8184	3.85155
14400	-3.7334	-1.4264	5.7572	1.2538	13.476	3.8466	39.7080	3.85840
14500	-3.7189	-1.4081	5.7590	1.2597	13.566	3.8530	39.5959	3.86498
14600	-3.7048	-1.3904	5.7607	1.2648	13.651	3.8592	39.4812	3.87129
14700	-3.6912	-1.3732	5.7624	1.2699	13.736	3.8651	39.3652	3.87734
14800	-3.6781	-1.3565	5.7641	1.2756	13.824	3.8708	39.2476	3.88314
14900	-3.6655	-1.3403	5.7657	1.2815	13.912	3.8763	39.1285	3.88869
15000	-3.6532	-1.3245	5.7672	1.2844	13.984	3.8815	39.0076	3.89400

S/R= 98.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-6.9439	-5.0541	5.4805	1.0957	7.793	2.7889	39.7776	2.78909
7700	-6.8459	-4.9466	5.4880	1.0963	7.880	2.8128	39.9495	2.81306
7800	-6.7503	-4.8418	5.4954	1.0974	7.968	2.8366	40.1144	2.83687
7900	-6.6572	-4.7395	5.5026	1.0986	8.057	2.8602	40.2733	2.86051
8000	-6.5664	-4.6397	5.5097	1.0999	8.146	2.8836	40.4256	2.88399
8100	-6.4780	-4.5424	5.5167	1.1011	8.234	2.9069	40.5713	2.90730
8200	-6.3918	-4.4475	5.5235	1.1023	8.322	2.9300	40.7106	2.93044
8300	-6.3078	-4.3549	5.5302	1.1035	8.410	2.9529	40.8435	2.95338
8400	-6.2259	-4.2645	5.5368	1.1048	8.498	2.9756	40.9705	2.97615
8500	-6.1462	-4.1763	5.5432	1.1062	8.586	2.9981	41.0911	2.99873
8600	-6.0685	-4.0903	5.5495	1.1074	8.673	3.0204	41.2059	3.02111
8700	-5.9927	-4.0064	5.5556	1.1088	8.761	3.0425	41.3148	3.04330
8800	-5.9189	-3.9244	5.5617	1.1101	8.848	3.0644	41.4181	3.06530
8900	-5.8469	-3.8445	5.5676	1.1114	8.934	3.0861	41.5157	3.08709
9000	-5.7767	-3.7665	5.5734	1.1128	9.021	3.1076	41.6074	3.10868
9100	-5.7083	-3.6903	5.5791	1.1142	9.108	3.1289	41.6943	3.13007
9200	-5.6416	-3.6159	5.5847	1.1156	9.195	3.1500	41.7758	3.15124
9300	-5.5767	-3.5434	5.5902	1.1169	9.281	3.1708	41.8517	3.17220
9400	-5.5132	-3.4725	5.5956	1.1185	9.367	3.1915	41.9223	3.19295
9500	-5.4515	-3.4034	5.6009	1.1199	9.453	3.2119	41.9881	3.21347
9600	-5.3913	-3.3359	5.6060	1.1214	9.539	3.2320	42.0484	3.23376
9700	-5.3326	-3.2701	5.6111	1.1230	9.625	3.2520	42.1045	3.25385
9800	-5.2754	-3.2058	5.6161	1.1244	9.710	3.2717	42.1552	3.27370
9900	-5.2196	-3.1430	5.6210	1.1260	9.795	3.2911	42.2012	3.29330
10000	-5.1652	-3.0817	5.6257	1.1276	9.880	3.3104	42.2422	3.31269
10100	-5.1123	-3.0220	5.6304	1.1292	9.965	3.3293	42.2791	3.33182
10200	-5.0606	-2.9636	5.6351	1.1309	10.050	3.3481	42.3106	3.35072
10300	-5.0104	-2.9067	5.6396	1.1325	10.134	3.3665	42.3376	3.36934
10400	-4.9613	-2.8512	5.6440	1.1342	10.218	3.3847	42.3606	3.38774
10500	-4.9136	-2.7969	5.6483	1.1360	10.302	3.4027	42.3785	3.40589

S/R= 98.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10600	-4.8670	-2.7441	5.6526	1.1378	10.386	3.4204	42.3921	3.42376
10700	-4.8218	-2.6925	5.6568	1.1396	10.470	3.4378	42.4012	3.44137
10800	-4.7776	-2.6422	5.6609	1.1415	10.554	3.4549	42.4061	3.45872
10900	-4.7347	-2.5931	5.6649	1.1434	10.637	3.4718	42.4066	3.47580
11000	-4.6929	-2.5452	5.6688	1.1454	10.721	3.4884	42.4026	3.49261
11100	-4.6522	-2.4986	5.6726	1.1474	10.804	3.5047	42.3943	3.50914
11200	-4.6126	-2.4531	5.6764	1.1495	10.887	3.5207	42.3818	3.52536
11300	-4.5741	-2.4088	5.6801	1.1516	10.970	3.5364	42.3652	3.54132
11400	-4.5366	-2.3656	5.6837	1.1536	11.052	3.5519	42.3448	3.55699
11500	-4.5001	-2.3235	5.6872	1.1559	11.135	3.5670	42.3195	3.57237
11600	-4.4648	-2.2826	5.6907	1.1583	11.218	3.5819	42.2907	3.58743
11700	-4.4303	-2.2427	5.6941	1.1607	11.301	3.5964	42.2575	3.60219
11800	-4.3970	-2.2039	5.6974	1.1632	11.384	3.6106	42.2200	3.61664
11900	-4.3645	-2.1661	5.7006	1.1655	11.465	3.6246	42.1792	3.63080
12000	-4.3329	-2.1292	5.7038	1.1682	11.548	3.6382	42.1340	3.64465
12100	-4.3023	-2.0935	5.7069	1.1711	11.632	3.6515	42.0849	3.65817
12200	-4.2726	-2.0587	5.7099	1.1736	11.713	3.6644	42.0317	3.67138
12300	-4.2439	-2.0248	5.7129	1.1765	11.796	3.6771	41.9750	3.68425
12400	-4.2159	-1.9920	5.7158	1.1796	11.879	3.6894	41.9138	3.69681
12500	-4.1889	-1.9600	5.7186	1.1827	11.962	3.7014	41.8496	3.70904
12600	-4.1627	-1.9289	5.7214	1.1858	12.045	3.7131	41.7814	3.72095
12700	-4.1373	-1.8988	5.7240	1.1890	12.127	3.7245	41.7095	3.73253
12800	-4.1127	-1.8695	5.7267	1.1925	12.211	3.7355	41.6342	3.74377
12900	-4.0889	-1.8411	5.7292	1.1961	12.295	3.7462	41.5555	3.75469
13000	-4.0659	-1.8135	5.7317	1.1997	12.378	3.7566	41.4727	3.76527
13100	-4.0436	-1.7868	5.7341	1.2036	12.462	3.7666	41.3869	3.77551
13200	-4.0221	-1.7609	5.7365	1.2075	12.546	3.7764	41.2979	3.78545
13300	-4.0013	-1.7357	5.7388	1.2116	12.631	3.7858	41.2057	3.79506
13400	-3.9812	-1.7113	5.7411	1.2159	12.716	3.7949	41.1103	3.80432
13500	-3.9618	-1.6877	5.7432	1.2202	12.800	3.8036	41.0115	3.81326
13600	-3.9431	-1.6648	5.7454	1.2248	12.886	3.8121	40.9102	3.82188
13700	-3.9250	-1.6426	5.7474	1.2293	12.971	3.8202	40.8058	3.83017
13800	-3.9075	-1.6211	5.7495	1.2343	13.058	3.8280	40.6985	3.83816
13900	-3.8907	-1.6003	5.7514	1.2281	13.085	3.8356	40.5887	3.84582
14000	-3.8730	-1.5787	5.7535	1.2445	13.231	3.8423	40.4893	3.85278
14100	-3.8588	-1.5605	5.7552	1.2637	13.393	3.8497	40.3621	3.86028
14200	-3.8437	-1.5416	5.7570	1.2554	13.408	3.8564	40.2455	3.86707
14300	-3.8291	-1.5232	5.7588	1.2607	13.494	3.8628	40.1265	3.87357
14400	-3.8150	-1.5054	5.7605	1.2663	13.583	3.8689	40.0059	3.87979
14500	-3.8014	-1.4882	5.7622	1.2731	13.676	3.8747	39.8828	3.88573
14600	-3.7883	-1.4715	5.7638	1.2789	13.764	3.8803	39.7580	3.89139
14700	-3.7757	-1.4553	5.7654	1.2846	13.852	3.8856	39.6317	3.89679
14800	-3.7635	-1.4396	5.7669	1.2908	13.942	3.8906	39.5042	3.90195
14900	-3.7518	-1.4244	5.7684	1.2976	14.034	3.8955	39.3748	3.90686
15000	-3.7404	-1.4096	5.7699	1.3014	14.110	3.9001	39.2449	3.91155

S/R= 99.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7600	-6.9879	-5.0934	5.4885	1.0956	7.835	2.8193	40.5238	2.81951
7700	-6.8895	-4.9855	5.4960	1.0962	7.922	2.8436	40.6961	2.84384
7800	-6.7938	-4.8805	5.5034	1.0974	8.012	2.8677	40.8601	2.86798
7900	-6.7005	-4.7781	5.5106	1.0986	8.101	2.8916	41.0176	2.89195
8000	-6.6096	-4.6782	5.5177	1.0998	8.190	2.9154	41.1691	2.91576
8100	-6.5211	-4.5808	5.5246	1.1011	8.279	2.9390	41.3130	2.93937

S/R= 99.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-6.4348	-4.4858	5.5313	1.1023	8.368	2.9623	41.4508	2.96280
8300	-6.3508	-4.3931	5.5380	1.1036	8.456	2.9855	41.5821	2.98603
8400	-6.2690	-4.3027	5.5445	1.1049	8.545	3.0085	41.7068	3.00907
8500	-6.1892	-4.2146	5.5509	1.1062	8.633	3.0313	41.8256	3.03191
8600	-6.1116	-4.1286	5.5571	1.1075	8.721	3.0538	41.9379	3.05455
8700	-6.0359	-4.0448	5.5632	1.1089	8.810	3.0762	42.0444	3.07698
8800	-5.9622	-3.9629	5.5692	1.1102	8.897	3.0983	42.1451	3.09920
8900	-5.8903	-3.8831	5.5751	1.1115	8.984	3.1203	42.2394	3.12122
9000	-5.8203	-3.8053	5.5809	1.1130	9.072	3.1420	42.3286	3.14301
9100	-5.7521	-3.7293	5.5865	1.1145	9.159	3.1634	42.4117	3.16459
9200	-5.6856	-3.6551	5.5921	1.1159	9.246	3.1847	42.4897	3.18595
9300	-5.6208	-3.5828	5.5975	1.1173	9.333	3.2057	42.5618	3.20707
9400	-5.5577	-3.5123	5.6028	1.1188	9.420	3.2265	42.6290	3.22797
9500	-5.4962	-3.4434	5.6081	1.1203	9.506	3.2470	42.6909	3.24864
9600	-5.4363	-3.3762	5.6132	1.1219	9.593	3.2673	42.7472	3.26906
9700	-5.3779	-3.3107	5.6182	1.1234	9.679	3.2874	42.7984	3.28924
9800	-5.3211	-3.2468	5.6231	1.1249	9.764	3.3072	42.8446	3.30919
9900	-5.2657	-3.1844	5.6279	1.1266	9.850	3.3267	42.8856	3.32888
10000	-5.2117	-3.1236	5.6327	1.1282	9.936	3.3460	42.9216	3.34832
10100	-5.1592	-3.0643	5.6373	1.1299	10.021	3.3650	42.9532	3.36750
10200	-5.1079	-3.0063	5.6419	1.1316	10.106	3.3838	42.9799	3.38644
10300	-5.0581	-2.9499	5.6462	1.1334	10.191	3.4023	43.0008	3.40509
10400	-5.0096	-2.8949	5.6507	1.1352	10.276	3.4205	43.0178	3.42346
10500	-4.9624	-2.8412	5.6550	1.1370	10.361	3.4384	43.0300	3.44159
10600	-4.9164	-2.7889	5.6591	1.1388	10.445	3.4561	43.0370	3.45943
10700	-4.8717	-2.7379	5.6633	1.1407	10.529	3.4735	43.0394	3.47699
10800	-4.8281	-2.6882	5.6673	1.1428	10.614	3.4905	43.0374	3.49424
10900	-4.7858	-2.6398	5.6712	1.1448	10.698	3.5073	43.0308	3.51121
11000	-4.7447	-2.5927	5.6751	1.1467	10.781	3.5238	43.0201	3.52790
11100	-4.7046	-2.5467	5.6788	1.1490	10.866	3.5400	43.0041	3.54430
11200	-4.6657	-2.5020	5.6825	1.1513	10.950	3.5558	42.9841	3.56036
11300	-4.6279	-2.4584	5.6861	1.1535	11.033	3.5714	42.9594	3.57612
11400	-4.5912	-2.4160	5.6897	1.1556	11.116	3.5866	42.9302	3.59156
11500	-4.5555	-2.3747	5.6931	1.1580	11.199	3.6016	42.8972	3.60671
11600	-4.5209	-2.3346	5.6965	1.1607	11.284	3.6162	42.8595	3.62153
11700	-4.4873	-2.2956	5.6998	1.1632	11.367	3.6304	42.8174	3.63602
11800	-4.4548	-2.2577	5.7030	1.1660	11.451	3.6444	42.7711	3.65017
11900	-4.4232	-2.2208	5.7062	1.1686	11.533	3.6580	42.7205	3.66398
12000	-4.3925	-2.1849	5.7093	1.1713	11.616	3.6712	42.6654	3.67748
12100	-4.3628	-2.1501	5.7123	1.1745	11.701	3.6842	42.6063	3.69063
12200	-4.3341	-2.1163	5.7152	1.1773	11.783	3.6968	42.5435	3.70344
12300	-4.3062	-2.0835	5.7181	1.1805	11.867	3.7090	42.4765	3.71590
12400	-4.2793	-2.0516	5.7208	1.1840	11.952	3.7209	42.4050	3.72801
12500	-4.2532	-2.0207	5.7236	1.1874	12.036	3.7325	42.3301	3.73978
12600	-4.2280	-1.9907	5.7262	1.1907	12.119	3.7437	42.2513	3.75119
12700	-4.2036	-1.9617	5.7288	1.1942	12.203	3.7546	42.1681	3.76227
12800	-4.1801	-1.9335	5.7313	1.1982	12.288	3.7651	42.0817	3.77299
12900	-4.1574	-1.9062	5.7338	1.2023	12.374	3.7753	41.9915	3.78336
13000	-4.1354	-1.8798	5.7361	1.2064	12.460	3.7852	41.8973	3.79337
13100	-4.1142	-1.8542	5.7385	1.2108	12.545	3.7946	41.8001	3.80303
13200	-4.0938	-1.8294	5.7407	1.2150	12.631	3.8038	41.6994	3.81235
13300	-4.0741	-1.8054	5.7429	1.2196	12.717	3.8126	41.5953	3.82133
13400	-4.0551	-1.7822	5.7450	1.2245	12.804	3.8211	41.4884	3.82998
13500	-4.0368	-1.7597	5.7471	1.2292	12.891	3.8293	41.3786	3.83829
13600	-4.0191	-1.7379	5.7491	1.2342	12.978	3.8371	41.2654	3.84628

S/R= 99.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13700	-4.0021	-1.7159	5.7511	1.2396	13.066	3.8446	41.1497	3.85394
13800	-3.9857	-1.6966	5.7530	1.2453	13.156	3.8518	41.0313	3.86126
13900	-3.9700	-1.6769	5.7548	1.2379	13.177	3.8587	40.9100	3.86826
14000	-3.9533	-1.6564	5.7568	1.2566	13.334	3.8649	40.7995	3.87457
14100	-3.9402	-1.6395	5.7584	1.2790	13.512	3.8716	40.6607	3.88136
14200	-3.9261	-1.6216	5.7601	1.2689	13.517	3.8776	40.5329	3.88747
14300	-3.9125	-1.6044	5.7618	1.2747	13.605	3.8833	40.4030	3.89330
14400	-3.8994	-1.5876	5.7634	1.2812	13.697	3.8888	40.2716	3.89884
14500	-3.8868	-1.5715	5.7649	1.2884	13.793	3.8940	40.1382	3.90414
14600	-3.8747	-1.5558	5.7665	1.2945	13.882	3.8989	40.0036	3.90916
14700	-3.8630	-1.5406	5.7679	1.3007	13.971	3.9036	39.8677	3.91393
14800	-3.8517	-1.5258	5.7694	1.3078	14.064	3.9081	39.7302	3.91848
14900	-3.8408	-1.5116	5.7708	1.3151	14.159	3.9124	39.5917	3.92279
15000	-3.8303	-1.4977	5.7722	1.3189	14.234	3.9164	39.4523	3.92687

S/R= 100.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-6.9325	-5.0238	5.5040	1.0967	7.967	2.8745	41.4445	2.87470
7800	-6.8365	-4.9136	5.5113	1.0973	8.055	2.8989	41.6074	2.89917
7900	-6.7432	-4.8161	5.5184	1.0986	8.145	2.9231	41.7635	2.92345
8000	-6.6522	-4.7151	5.5254	1.0998	8.235	2.9472	41.9131	2.94756
8100	-6.5636	-4.6186	5.5323	1.1011	8.324	2.9711	42.0558	2.97147
8200	-6.4774	-4.5236	5.5390	1.1024	8.414	2.9947	42.1915	2.99517
8300	-6.3934	-4.4309	5.5456	1.1037	8.503	3.0182	42.3208	3.01868
8400	-6.3115	-4.3406	5.5521	1.1049	8.592	3.0414	42.4432	3.04198
8500	-6.2319	-4.2525	5.5584	1.1063	8.681	3.0644	42.5595	3.06508
8600	-6.1543	-4.1666	5.5646	1.1077	8.769	3.0872	42.6692	3.08795
8700	-6.0788	-4.0829	5.5707	1.1091	8.858	3.1098	42.7728	3.11061
8800	-6.0052	-4.0012	5.5766	1.1104	8.946	3.1322	42.8701	3.13304
8900	-5.9335	-3.9216	5.5825	1.1118	9.034	3.1543	42.9619	3.15526
9000	-5.8637	-3.8439	5.5882	1.1132	9.122	3.1762	43.0472	3.17725
9100	-5.7957	-3.7682	5.5938	1.1147	9.210	3.1979	43.1267	3.19899
9200	-5.7294	-3.6943	5.5993	1.1162	9.298	3.2193	43.2009	3.22052
9300	-5.6650	-3.6223	5.6047	1.1176	9.385	3.2404	43.2692	3.24179
9400	-5.6021	-3.5520	5.6099	1.1192	9.472	3.2614	43.3320	3.26281
9500	-5.5410	-3.4835	5.6151	1.1208	9.559	3.2820	43.3892	3.28360
9600	-5.4814	-3.4167	5.6202	1.1224	9.646	3.3024	43.4414	3.30414
9700	-5.4234	-3.3516	5.6251	1.1240	9.733	3.3226	43.4876	3.32440
9800	-5.3670	-3.2881	5.6300	1.1255	9.819	3.3424	43.5285	3.34441
9900	-5.3120	-3.2261	5.6348	1.1272	9.905	3.3621	43.5645	3.36417
10000	-5.2584	-3.1657	5.6394	1.1289	9.991	3.3814	43.5952	3.38365
10100	-5.2064	-3.1069	5.6440	1.1307	10.077	3.4004	43.6204	3.40282
10200	-5.1557	-3.0495	5.6485	1.1325	10.163	3.4192	43.6409	3.42176
10300	-5.1064	-2.9937	5.6529	1.1342	10.248	3.4377	43.6562	3.44041
10400	-5.0584	-2.9392	5.6572	1.1362	10.334	3.4558	43.6666	3.45875
10500	-5.0118	-2.8862	5.6614	1.1381	10.419	3.4737	43.6719	3.47679
10600	-4.9664	-2.8345	5.6655	1.1400	10.503	3.4913	43.6723	3.49455
10700	-4.9223	-2.7842	5.6695	1.1420	10.588	3.5086	43.6678	3.51202
10800	-4.8794	-2.7351	5.6735	1.1442	10.674	3.5255	43.6582	3.52917
10900	-4.8378	-2.6875	5.6774	1.1463	10.758	3.5422	43.6440	3.54598
11000	-4.7974	-2.6411	5.6811	1.1485	10.842	3.5585	43.6248	3.56248
11100	-4.7580	-2.5959	5.6848	1.1507	10.927	3.5745	43.6013	3.57870
11200	-4.7199	-2.5520	5.6884	1.1532	11.012	3.5902	43.5728	3.59456
11300	-4.6829	-2.5092	5.6920	1.1556	11.096	3.6055	43.5396	3.61009

S/R= 100.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11400	-4.6470	-2.4677	5.6954	1.1580	11.180	3.6205	43.5014	3.62526
11500	-4.6122	-2.4274	5.6988	1.1605	11.264	3.6351	43.4591	3.64011
11600	-4.5785	-2.3882	5.7021	1.1633	11.348	3.6494	43.4113	3.65461
11700	-4.5457	-2.3501	5.7053	1.1662	11.433	3.6634	43.3596	3.66877
11800	-4.5141	-2.3131	5.7084	1.1691	11.517	3.6770	43.3031	3.68256
11900	-4.4835	-2.2773	5.7115	1.1720	11.601	3.6902	43.2425	3.69600
12000	-4.4538	-2.2424	5.7144	1.1752	11.686	3.7031	43.1772	3.70908
12100	-4.4251	-2.2087	5.7173	1.1783	11.770	3.7156	43.1074	3.72178
12200	-4.3973	-2.1759	5.7202	1.1815	11.854	3.7278	43.0335	3.73414
12300	-4.3705	-2.1442	5.7229	1.1852	11.940	3.7396	42.9551	3.74611
12400	-4.3447	-2.1135	5.7256	1.1890	12.026	3.7510	42.8723	3.75771
12500	-4.3197	-2.0837	5.7282	1.1927	12.111	3.7621	42.7861	3.76895
12600	-4.2956	-2.0549	5.7308	1.1966	12.196	3.7727	42.6954	3.77981
12700	-4.2723	-2.0271	5.7332	1.2006	12.281	3.7831	42.6006	3.79031
12800	-4.2499	-2.0001	5.7356	1.2049	12.368	3.7930	42.5024	3.80045
12900	-4.2282	-1.9740	5.7380	1.2094	12.455	3.8026	42.4004	3.81021
13000	-4.2074	-1.9487	5.7402	1.2140	12.543	3.8119	42.2946	3.81962
13100	-4.1874	-1.9244	5.7424	1.2190	12.632	3.8208	42.1852	3.82864
13200	-4.1681	-1.9008	5.7446	1.2240	12.719	3.8293	42.0724	3.83731
13300	-4.1495	-1.8780	5.7466	1.2289	12.807	3.8375	41.9561	3.84562
13400	-4.1317	-1.8560	5.7487	1.2345	12.897	3.8453	41.8368	3.85359
13500	-4.1145	-1.8348	5.7506	1.2398	12.986	3.8528	41.7145	3.86122
13600	-4.0979	-1.8142	5.7525	1.2456	13.076	3.8600	41.5894	3.86851
13700	-4.0821	-1.7944	5.7544	1.2515	13.167	3.8668	41.4618	3.87547
13800	-4.0668	-1.7752	5.7562	1.2578	13.259	3.8734	41.3316	3.88211
13900	-4.0521	-1.7567	5.7579	1.2490	13.271	3.8796	41.1994	3.88844
14000	-4.0363	-1.7372	5.7597	1.2702	13.441	3.8852	41.0785	3.89412
14100	-4.0243	-1.7214	5.7612	1.2964	13.638	3.8912	40.9276	3.90020
14200	-4.0113	-1.7047	5.7628	1.2840	13.630	3.8966	40.7892	3.90565
14300	-3.9987	-1.6885	5.7644	1.2905	13.722	3.9017	40.6488	3.91082
14400	-3.9866	-1.6728	5.7659	1.2981	13.819	3.9065	40.5066	3.91570
14500	-3.9749	-1.6577	5.7674	1.3059	13.916	3.9110	40.3632	3.92034
14600	-3.9637	-1.6430	5.7688	1.3122	14.006	3.9154	40.2186	3.92472
14700	-3.9529	-1.6288	5.7702	1.3191	14.098	3.9195	40.0731	3.92887
14800	-3.9425	-1.6149	5.7715	1.3270	14.195	3.9234	39.9263	3.93281
14900	-3.9324	-1.6016	5.7728	1.3348	14.291	3.9270	39.7795	3.93653
15000	-3.9227	-1.5885	5.7741	1.3398	14.367	3.9305	39.6318	3.94004

S/R= 101.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7700	-6.9748	-5.0615	5.5117	1.0966	8.010	2.9054	42.1934	2.90561
7800	-6.8787	-4.9561	5.5190	1.0973	8.098	2.9301	42.3557	2.93041
7900	-6.7852	-4.8535	5.5261	1.0986	8.189	2.9547	42.5102	2.95499
8000	-6.6942	-4.7535	5.5331	1.0998	8.279	2.9790	42.6578	2.97938
8100	-6.6056	-4.6560	5.5399	1.1011	8.369	3.0032	42.7988	3.00358
8200	-6.5194	-4.5610	5.5466	1.1024	8.459	3.0271	42.9322	3.02756
8300	-6.4355	-4.4684	5.5531	1.1037	8.549	3.0508	43.0590	3.05133
8400	-6.3537	-4.3781	5.5596	1.1051	8.639	3.0743	43.1791	3.07487
8500	-6.2742	-4.2901	5.5658	1.1064	8.728	3.0976	43.2923	3.09820
8600	-6.1967	-4.2044	5.5720	1.1078	8.817	3.1206	43.3994	3.12130
8700	-6.1213	-4.1208	5.5780	1.1092	8.907	3.1434	43.4997	3.14417
8800	-6.0479	-4.0393	5.5839	1.1106	8.995	3.1660	43.5937	3.16681
8900	-5.9765	-3.9599	5.5897	1.1121	9.084	3.1883	43.6819	3.18920
9000	-5.9069	-3.8825	5.5954	1.1135	9.172	3.2103	43.7633	3.21136

S/R= 101.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	-5.8392	-3.8070	5.6009	1.1150	9.261	3.2321	43.8393	3.23327
9200	-5.7733	-3.7335	5.6063	1.1166	9.349	3.2537	43.9090	3.25492
9300	-5.7091	-3.6618	5.6117	1.1180	9.436	3.2750	43.9730	3.27632
9400	-5.6466	-3.5919	5.6169	1.1196	9.524	3.2960	44.0311	3.29747
9500	-5.5858	-3.5238	5.6220	1.1213	9.612	3.3168	44.0833	3.31833
9600	-5.5266	-3.4574	5.6270	1.1229	9.699	3.3373	44.1300	3.33895
9700	-5.4690	-3.3927	5.6319	1.1246	9.787	3.3575	44.1712	3.35929
9800	-5.4131	-3.3297	5.6367	1.1263	9.873	3.3774	44.2066	3.37933
9900	-5.3586	-3.2682	5.6414	1.1279	9.960	3.3970	44.2364	3.39910
10000	-5.3055	-3.2084	5.6460	1.1297	10.046	3.4164	44.2618	3.41861
10100	-5.2540	-3.1501	5.6505	1.1316	10.133	3.4354	44.2804	3.43778
10200	-5.2039	-3.0933	5.6550	1.1335	10.219	3.4541	44.2945	3.45665
10300	-5.1552	-3.0381	5.6593	1.1353	10.305	3.4726	44.3029	3.47524
10400	-5.1078	-2.9842	5.6635	1.1373	10.391	3.4907	44.3066	3.49353
10500	-5.0618	-2.9319	5.6676	1.1394	10.477	3.5085	44.3045	3.51148
10600	-5.0171	-2.8810	5.6717	1.1414	10.562	3.5259	44.2970	3.52910
10700	-4.9737	-2.8314	5.6756	1.1435	10.647	3.5431	44.2845	3.54641
10800	-4.9316	-2.7831	5.6795	1.1458	10.733	3.5599	44.2674	3.56340
10900	-4.8907	-2.7362	5.6833	1.1481	10.818	3.5763	44.2445	3.58004
11000	-4.8510	-2.6907	5.6870	1.1504	10.903	3.5924	44.2169	3.59632
11100	-4.8126	-2.6464	5.6906	1.1529	10.989	3.6082	44.1838	3.61226
11200	-4.7753	-2.6033	5.6941	1.1554	11.074	3.6236	44.1460	3.62786
11300	-4.7392	-2.5615	5.6976	1.1580	11.158	3.6387	44.1033	3.64311
11400	-4.7042	-2.5210	5.7009	1.1607	11.243	3.6534	44.0555	3.65797
11500	-4.6703	-2.4816	5.7042	1.1634	11.328	3.6677	44.0031	3.67247
11600	-4.6375	-2.4434	5.7074	1.1664	11.413	3.6816	43.9451	3.68659
11700	-4.6058	-2.4064	5.7105	1.1695	11.499	3.6952	43.8828	3.70035
11800	-4.5752	-2.3705	5.7135	1.1727	11.584	3.7084	43.8151	3.71371
11900	-4.5456	-2.3357	5.7165	1.1760	11.670	3.7212	43.7430	3.72670
12000	-4.5169	-2.3020	5.7193	1.1795	11.756	3.7336	43.6669	3.73931
12100	-4.4894	-2.2694	5.7221	1.1831	11.841	3.7456	43.5855	3.75151
12200	-4.4627	-2.2379	5.7248	1.1866	11.926	3.7573	43.4998	3.76333
12300	-4.4370	-2.2074	5.7275	1.1906	12.013	3.7686	43.4094	3.77476
12400	-4.4123	-2.1778	5.7301	1.1948	12.101	3.7794	43.3148	3.78580
12500	-4.3884	-2.1493	5.7326	1.1990	12.187	3.7899	43.2156	3.79646
12600	-4.3655	-2.1217	5.7350	1.2034	12.275	3.8000	43.1130	3.80670
12700	-4.3434	-2.0951	5.7373	1.2079	12.363	3.8097	43.0057	3.81657
12800	-4.3222	-2.0694	5.7396	1.2128	12.451	3.8191	42.8945	3.82604
12900	-4.3018	-2.0446	5.7418	1.2178	12.540	3.8280	42.7796	3.83514
13000	-4.2821	-2.0206	5.7440	1.2231	12.630	3.8366	42.6612	3.84386
13100	-4.2633	-1.9975	5.7461	1.2285	12.720	3.8449	42.5393	3.85221
13200	-4.2451	-1.9752	5.7481	1.2340	12.810	3.8527	42.4140	3.86019
13300	-4.2277	-1.9537	5.7500	1.2397	12.901	3.8602	42.2854	3.86782
13400	-4.2110	-1.9329	5.7519	1.2460	12.994	3.8674	42.1541	3.87510
13500	-4.1950	-1.9129	5.7538	1.2522	13.087	3.8742	42.0197	3.88202
13600	-4.1796	-1.8935	5.7556	1.2587	13.180	3.8807	41.8828	3.88860
13700	-4.1648	-1.8749	5.7573	1.2654	13.274	3.8869	41.7428	3.89485
13800	-4.1506	-1.8569	5.7590	1.2725	13.370	3.8927	41.6009	3.90078
13900	-4.1370	-1.8396	5.7606	1.2618	13.371	3.8983	41.4570	3.90641
14000	-4.1223	-1.8212	5.7624	1.2861	13.557	3.9032	41.3257	3.91143
14100	-4.1114	-1.8066	5.7637	1.3165	13.774	3.9085	41.1634	3.91679
14200	-4.0993	-1.7909	5.7652	1.3013	13.751	3.9132	41.0141	3.92157
14300	-4.0877	-1.7758	5.7667	1.3085	13.845	3.9177	40.8634	3.92608
14400	-4.0765	-1.7611	5.7681	1.3163	13.943	3.9219	40.7117	3.93034
14500	-4.0658	-1.7468	5.7695	1.3247	14.042	3.9259	40.5587	3.93437

S/R= 101.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	-4.0554	-1.7331	5.7708	1.3316	14.134	3.9297	40.4051	3.93816
14700	-4.0454	-1.7198	5.7721	1.3390	14.228	3.9332	40.2506	3.94173
14800	-4.0358	-1.7068	5.7734	1.3473	14.327	3.9365	40.0955	3.94511
14900	-4.0264	-1.6942	5.7746	1.3553	14.424	3.9397	39.9401	3.94828
15000	-4.0174	-1.6820	5.7758	1.3593	14.499	3.9427	39.7850	3.95126

S/R= 102.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-6.9203	-4.9931	5.5266	1.0979	8.144	2.9614	43.1054	2.96168
7900	-6.8268	-4.8904	5.5337	1.0986	8.232	2.9862	43.2577	2.98655
8000	-6.7358	-4.7904	5.5406	1.0999	8.323	3.0109	43.4031	3.01123
8100	-6.6472	-4.6930	5.5474	1.1012	8.414	3.0353	43.5418	3.03570
8200	-6.5611	-4.5980	5.5540	1.1025	8.505	3.0595	43.6729	3.05993
8300	-6.4772	-4.5055	5.5605	1.1039	8.595	3.0834	43.7967	3.08394
8400	-6.3956	-4.4153	5.5669	1.1052	8.685	3.1071	43.9141	3.10772
8500	-6.3162	-4.3275	5.5731	1.1065	8.775	3.1306	44.0242	3.13127
8600	-6.2389	-4.2420	5.5792	1.1080	8.865	3.1539	44.1278	3.15458
8700	-6.1637	-4.1586	5.5852	1.1095	8.955	3.1769	44.2248	3.17764
8800	-6.0905	-4.0774	5.5910	1.1109	9.044	3.1996	44.3150	3.20046
8900	-6.0194	-3.9982	5.5968	1.1124	9.133	3.2221	44.3990	3.22301
9000	-5.9501	-3.9211	5.6024	1.1138	9.222	3.2443	44.4765	3.24532
9100	-5.8826	-3.8460	5.6079	1.1154	9.311	3.2663	44.5481	3.26738
9200	-5.8171	-3.7728	5.6133	1.1170	9.400	3.2879	44.6130	3.28914
9300	-5.7533	-3.7015	5.6185	1.1185	9.488	3.3093	44.6720	3.31064
9400	-5.6912	-3.6319	5.6237	1.1201	9.576	3.3305	44.7253	3.33188
9500	-5.6308	-3.5643	5.6287	1.1219	9.664	3.3513	44.7724	3.35282
9600	-5.5721	-3.4984	5.6337	1.1235	9.752	3.3718	44.8133	3.37347
9700	-5.5150	-3.4342	5.6385	1.1252	9.839	3.3921	44.8488	3.39385
9800	-5.4595	-3.3717	5.6433	1.1271	9.927	3.4120	44.8778	3.41391
9900	-5.4056	-3.3108	5.6479	1.1288	10.014	3.4316	44.9016	3.43365
10000	-5.3531	-3.2516	5.6524	1.1306	10.101	3.4509	44.9203	3.45313
10100	-5.3022	-3.1939	5.6569	1.1325	10.188	3.4699	44.9324	3.47227
10200	-5.2526	-3.1378	5.6612	1.1346	10.275	3.4886	44.9389	3.49108
10300	-5.2046	-3.0833	5.6655	1.1366	10.361	3.5069	44.9398	3.50955
10400	-5.1579	-3.0302	5.6696	1.1385	10.447	3.5249	44.9358	3.52772
10500	-5.1126	-2.9785	5.6737	1.1407	10.534	3.5426	44.9258	3.54555
10600	-5.0687	-2.9284	5.6777	1.1430	10.620	3.5599	44.9102	3.56300
10700	-5.0261	-2.8796	5.6815	1.1452	10.706	3.5768	44.8890	3.58010
10800	-4.9848	-2.8322	5.6853	1.1477	10.792	3.5934	44.8625	3.59686
10900	-4.9447	-2.7862	5.6890	1.1499	10.877	3.6097	44.8308	3.61327
11000	-4.9060	-2.7416	5.6926	1.1525	10.963	3.6255	44.7933	3.62930
11100	-4.8684	-2.6982	5.6961	1.1554	11.050	3.6410	44.7510	3.64495
11200	-4.8321	-2.6562	5.6996	1.1581	11.136	3.6561	44.7028	3.66020
11300	-4.7969	-2.6155	5.7029	1.1608	11.221	3.6708	44.6496	3.67508
11400	-4.7629	-2.5760	5.7062	1.1637	11.307	3.6851	44.5910	3.68957
11500	-4.7300	-2.5376	5.7093	1.1668	11.393	3.6991	44.5274	3.70367
11600	-4.6983	-2.5006	5.7124	1.1701	11.479	3.7126	44.4587	3.71736
11700	-4.6677	-2.4647	5.7154	1.1735	11.566	3.7257	44.3845	3.73064
11800	-4.6382	-2.4300	5.7183	1.1770	11.652	3.7384	44.3055	3.74352
11900	-4.6097	-2.3964	5.7212	1.1806	11.739	3.7507	44.2217	3.75600
12000	-4.5822	-2.3639	5.7239	1.1845	11.826	3.7626	44.1323	3.76806
12100	-4.5558	-2.3326	5.7266	1.1885	11.913	3.7741	44.0384	3.77970
12200	-4.5303	-2.3023	5.7292	1.1925	12.000	3.7852	43.9403	3.79092
12300	-4.5059	-2.2731	5.7317	1.1970	12.089	3.7959	43.8371	3.80173

S/R= 102.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12400	-4.4824	-2.2449	5.7342	1.2017	12.178	3.8061	43.7294	3.81213
12500	-4.4597	-2.2176	5.7366	1.2063	12.267	3.8160	43.6175	3.82213
12600	-4.4380	-2.1914	5.7389	1.2112	12.356	3.8255	43.5016	3.83172
12700	-4.4172	-2.1660	5.7411	1.2164	12.446	3.8345	43.3818	3.84092
12800	-4.3971	-2.1416	5.7433	1.2220	12.538	3.8432	43.2574	3.84971
12900	-4.3780	-2.1181	5.7454	1.2279	12.630	3.8515	43.1297	3.85809
13000	-4.3596	-2.0955	5.7474	1.2337	12.722	3.8594	42.9978	3.86609
13100	-4.3420	-2.0737	5.7494	1.2398	12.815	3.8669	42.8628	3.87371
13200	-4.3251	-2.0527	5.7513	1.2462	12.909	3.8740	42.7247	3.88096
13300	-4.3089	-2.0325	5.7531	1.2526	13.002	3.8808	42.5834	3.88785
13400	-4.2933	-2.0130	5.7549	1.2595	13.098	3.8873	42.4392	3.89439
13500	-4.2784	-1.9942	5.7566	1.2662	13.192	3.8934	42.2929	3.90059
13600	-4.2642	-1.9760	5.7583	1.2734	13.288	3.8992	42.1432	3.90646
13700	-4.2505	-1.9586	5.7599	1.2809	13.386	3.9047	41.9925	3.91202
13800	-4.2374	-1.9417	5.7615	1.2888	13.485	3.9099	41.8391	3.91726
13900	-4.2248	-1.9255	5.7630	1.2759	13.474	3.9148	41.6841	3.92221
14000	-4.2110	-1.9081	5.7646	1.3042	13.679	3.9191	41.5428	3.92661
14100	-4.2011	-1.8946	5.7659	1.3393	13.920	3.9237	41.3694	3.93128
14200	-4.1900	-1.8800	5.7673	1.3205	13.878	3.9278	41.2097	3.93541
14300	-4.1793	-1.8658	5.7686	1.3284	13.975	3.9317	41.0492	3.93929
14400	-4.1690	-1.8521	5.7700	1.3365	14.073	3.9353	40.8880	3.94294
14500	-4.1591	-1.8388	5.7712	1.3456	14.176	3.9387	40.7262	3.94638
14600	-4.1495	-1.8259	5.7725	1.3526	14.268	3.9419	40.5643	3.94962
14700	-4.1403	-1.8133	5.7737	1.3603	14.362	3.9449	40.4017	3.95265
14800	-4.1314	-1.8011	5.7749	1.3690	14.462	3.9478	40.2391	3.95550
14900	-4.1227	-1.7893	5.7761	1.3765	14.556	3.9504	40.0765	3.95818
15000	-4.1144	-1.7778	5.7772	1.3801	14.629	3.9529	39.9141	3.96069

S/R= 103.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7800	-6.9614	-5.0296	5.5341	1.0979	8.186	2.9927	43.8546	2.99296
7900	-6.8679	-4.9270	5.5411	1.0986	8.276	3.0178	44.0053	3.01812
8000	-6.7769	-4.8270	5.5480	1.1000	8.368	3.0427	44.1482	3.04306
8100	-6.6885	-4.7296	5.5547	1.1012	8.459	3.0674	44.2841	3.06778
8200	-6.6024	-4.6347	5.5613	1.1026	8.550	3.0918	44.4124	3.09226
8300	-6.5187	-4.5424	5.5678	1.1040	8.641	3.1160	44.5333	3.11651
8400	-6.4372	-4.4524	5.5741	1.1053	8.731	3.1399	44.6476	3.14051
8500	-6.3580	-4.3648	5.5803	1.1068	8.822	3.1636	44.7542	3.16426
8600	-6.2809	-4.2795	5.5863	1.1083	8.913	3.1871	44.8544	3.18776
8700	-6.2060	-4.1964	5.5922	1.1097	9.003	3.2102	44.9473	3.21099
8800	-6.1331	-4.1154	5.5980	1.1112	9.092	3.2331	45.0336	3.23398
8900	-6.0622	-4.0366	5.6037	1.1128	9.182	3.2558	45.1130	3.25668
9000	-5.9933	-3.9598	5.6092	1.1142	9.272	3.2781	45.1859	3.27910
9100	-5.9262	-3.8850	5.6147	1.1158	9.361	3.3002	45.2529	3.30128
9200	-5.8610	-3.8122	5.6200	1.1175	9.450	3.3219	45.3127	3.32315
9300	-5.7977	-3.7414	5.6252	1.1190	9.538	3.3434	45.3663	3.34471
9400	-5.7360	-3.6723	5.6303	1.1207	9.627	3.3646	45.4139	3.36602
9500	-5.6761	-3.6052	5.6353	1.1225	9.716	3.3855	45.4552	3.38701
9600	-5.6179	-3.5398	5.6402	1.1242	9.804	3.4060	45.4902	3.40767
9700	-5.5614	-3.4762	5.6450	1.1260	9.892	3.4263	45.5190	3.42804
9800	-5.5064	-3.4142	5.6496	1.1279	9.981	3.4462	45.5422	3.44810
9900	-5.4531	-3.3540	5.6542	1.1298	10.068	3.4658	45.5588	3.46781
10000	-5.4013	-3.2955	5.6587	1.1316	10.155	3.4850	45.5695	3.48718
10100	-5.3510	-3.2385	5.6630	1.1336	10.243	3.5040	45.5744	3.50625

S/R= 103.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10200	-5.3021	-3.1831	5.6673	1.1357	10.330	3.5225	45.5733	3.52496
10300	-5.2549	-3.1293	5.6715	1.1379	10.417	3.5407	45.5661	3.54330
10400	-5.2090	-3.0771	5.6756	1.1401	10.504	3.5586	45.5529	3.56127
10500	-5.1645	-3.0263	5.6795	1.1424	10.591	3.5761	45.5343	3.57891
10600	-5.1213	-2.9770	5.6834	1.1447	10.677	3.5932	45.5099	3.59617
10700	-5.0796	-2.9291	5.6872	1.1471	10.764	3.6099	45.4795	3.61304
10800	-5.0392	-2.8827	5.6909	1.1498	10.852	3.6262	45.4435	3.62952
10900	-5.0001	-2.8377	5.6945	1.1524	10.937	3.6421	45.4011	3.64560
11000	-4.9623	-2.7941	5.6980	1.1550	11.024	3.6577	45.3537	3.66130
11100	-4.9257	-2.7518	5.7014	1.1581	11.111	3.6728	45.3003	3.67661
11200	-4.8904	-2.7108	5.7048	1.1611	11.198	3.6875	45.2410	3.69148
11300	-4.8563	-2.6712	5.7080	1.1641	11.284	3.7018	45.1766	3.70594
11400	-4.8234	-2.6328	5.7111	1.1673	11.371	3.7157	45.1063	3.71997
11500	-4.7916	-2.5957	5.7142	1.1707	11.458	3.7292	45.0310	3.73360
11600	-4.7611	-2.5599	5.7172	1.1743	11.546	3.7422	44.9495	3.74679
11700	-4.7316	-2.5252	5.7201	1.1782	11.634	3.7548	44.8632	3.75954
11800	-4.7033	-2.4918	5.7229	1.1821	11.722	3.7670	44.7713	3.77186
11900	-4.6760	-2.4595	5.7256	1.1860	11.810	3.7787	44.6745	3.78374
12000	-4.6498	-2.4284	5.7282	1.1903	11.898	3.7901	44.5724	3.79519
12100	-4.6246	-2.3983	5.7308	1.1948	11.987	3.8009	44.4655	3.80621
12200	-4.6004	-2.3694	5.7333	1.1994	12.077	3.8114	44.3537	3.81680
12300	-4.5772	-2.3415	5.7357	1.2045	12.168	3.8214	44.2368	3.82694
12400	-4.5550	-2.3147	5.7380	1.2099	12.259	3.8310	44.1156	3.83664
12500	-4.5337	-2.2888	5.7403	1.2151	12.350	3.8402	43.9899	3.84592
12600	-4.5133	-2.2640	5.7424	1.2206	12.442	3.8489	43.8600	3.85478
12700	-4.4937	-2.2400	5.7445	1.2266	12.535	3.8573	43.7261	3.86324
12800	-4.4750	-2.2170	5.7466	1.2326	12.628	3.8652	43.5885	3.87128
12900	-4.4571	-2.1949	5.7485	1.2390	12.723	3.8728	43.4469	3.87893
13000	-4.4399	-2.1735	5.7505	1.2458	12.819	3.8800	43.3022	3.88619
13100	-4.4235	-2.1531	5.7523	1.2526	12.914	3.8868	43.1543	3.89309
13200	-4.4078	-2.1333	5.7541	1.2599	13.012	3.8932	43.0035	3.89961
13300	-4.3928	-2.1144	5.7558	1.2673	13.110	3.8993	42.8496	3.90576
13400	-4.3785	-2.0961	5.7575	1.2750	13.208	3.9050	42.6931	3.91156
13500	-4.3647	-2.0786	5.7591	1.2828	13.307	3.9104	42.5343	3.91703
13600	-4.3516	-2.0616	5.7606	1.2906	13.406	3.9155	42.3733	3.92218
13700	-4.3390	-2.0453	5.7621	1.2987	13.506	3.9203	42.2110	3.92704
13800	-4.3269	-2.0296	5.7636	1.3074	13.608	3.9249	42.0467	3.93160
13900	-4.3153	-2.0144	5.7650	1.2917	13.582	3.9291	41.8809	3.93589
14000	-4.3024	-1.9980	5.7666	1.3241	13.807	3.9329	41.7302	3.93967
14100	-4.2935	-1.9856	5.7678	1.3648	14.075	3.9368	41.5464	3.94369
14200	-4.2833	-1.9719	5.7691	1.3412	14.008	3.9404	41.3777	3.94723
14300	-4.2734	-1.9586	5.7703	1.3493	14.106	3.9437	41.2084	3.95054
14400	-4.2639	-1.9457	5.7716	1.3579	14.206	3.9467	41.0388	3.95364
14500	-4.2547	-1.9332	5.7728	1.3668	14.307	3.9496	40.8690	3.95655
14600	-4.2459	-1.9211	5.7739	1.3744	14.401	3.9523	40.6990	3.95927
14700	-4.2373	-1.9093	5.7751	1.3825	14.497	3.9549	40.5294	3.96183
14800	-4.2290	-1.8978	5.7762	1.3906	14.594	3.9573	40.3601	3.96421
14900	-4.2210	-1.8866	5.7773	1.3977	14.684	3.9595	40.1906	3.96644
15000	-4.2132	-1.8756	5.7784	1.4012	14.756	3.9616	40.0221	3.96854

S/R= 104.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-6.9086	-4.9631	5.5484	1.0994	8.322	3.0494	44.7526	3.04968
8000	-6.8177	-4.8632	5.5553	1.1001	8.412	3.0745	44.8927	3.07488

S/R= 104.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-6.7294	-4.7660	5.5619	1.1013	8.503	3.0994	45.0259	3.09984
8200	-6.6434	-4.6713	5.5685	1.1027	8.595	3.1241	45.1509	3.12455
8300	-6.5599	-4.5791	5.5749	1.1042	8.687	3.1485	45.2686	3.14900
8400	-6.4786	-4.4893	5.5811	1.1055	8.778	3.1727	45.3793	3.17321
8500	-6.3996	-4.4019	5.5873	1.1070	8.869	3.1965	45.4819	3.19715
8600	-6.3229	-4.3169	5.5933	1.1085	8.960	3.2201	45.5780	3.22082
8700	-6.2482	-4.2341	5.5991	1.1100	9.050	3.2435	45.6668	3.24422
8800	-6.1756	-4.1535	5.6049	1.1115	9.141	3.2665	45.7486	3.26733
8900	-6.1051	-4.0750	5.6105	1.1131	9.231	3.2893	45.8235	3.29017
9000	-6.0365	-3.9986	5.6160	1.1147	9.321	3.3117	45.8914	3.31270
9100	-5.9699	-3.9243	5.6214	1.1163	9.411	3.3339	45.9528	3.33495
9200	-5.9051	-3.8520	5.6266	1.1180	9.500	3.3557	46.0073	3.35690
9300	-5.8422	-3.7816	5.6318	1.1196	9.589	3.3772	46.0552	3.37853
9400	-5.7811	-3.7131	5.6368	1.1213	9.678	3.3985	46.0964	3.39984
9500	-5.7218	-3.6465	5.6417	1.1232	9.768	3.4194	46.1316	3.42085
9600	-5.6641	-3.5817	5.6465	1.1250	9.857	3.4399	46.1597	3.44152
9700	-5.6082	-3.5187	5.6512	1.1269	9.945	3.4601	46.1815	3.46183
9800	-5.5539	-3.4575	5.6558	1.1288	10.033	3.4800	46.1973	3.48183
9900	-5.5012	-3.3979	5.6603	1.1308	10.121	3.4995	46.2066	3.50148
10000	-5.4501	-3.3401	5.6647	1.1329	10.210	3.5187	46.2094	3.52076
10100	-5.4006	-3.2840	5.6690	1.1350	10.298	3.5374	46.2058	3.53965
10200	-5.3525	-3.2294	5.6732	1.1371	10.385	3.5559	46.1962	3.55821
10300	-5.3060	-3.1764	5.6773	1.1394	10.473	3.5739	46.1803	3.57638
10400	-5.2610	-3.1250	5.6813	1.1418	10.561	3.5915	46.1581	3.59415
10500	-5.2174	-3.0752	5.6852	1.1442	10.648	3.6088	46.1293	3.61152
10600	-5.1752	-3.0269	5.6890	1.1467	10.735	3.6256	46.0948	3.62851
10700	-5.1344	-2.9800	5.6927	1.1493	10.822	3.6420	46.0542	3.64509
10800	-5.0949	-2.9346	5.6963	1.1523	10.911	3.6580	46.0074	3.66124
10900	-5.0569	-2.8907	5.6998	1.1550	10.998	3.6736	45.9546	3.67697
11000	-5.0201	-2.8483	5.7032	1.1580	11.085	3.6888	45.8955	3.69226
11100	-4.9846	-2.8071	5.7065	1.1612	11.172	3.7035	45.8303	3.70714
11200	-4.9504	-2.7673	5.7097	1.1645	11.261	3.7178	45.7591	3.72157
11300	-4.9175	-2.7289	5.7128	1.1680	11.349	3.7316	45.6822	3.73555
11400	-4.8858	-2.6918	5.7159	1.1715	11.436	3.7450	45.5996	3.74907
11500	-4.8553	-2.6560	5.7188	1.1753	11.525	3.7579	45.5112	3.76215
11600	-4.8260	-2.6215	5.7217	1.1790	11.612	3.7704	45.4170	3.77476
11700	-4.7977	-2.5882	5.7244	1.1834	11.703	3.7825	45.3165	3.78693
11800	-4.7707	-2.5561	5.7271	1.1882	11.794	3.7940	45.2112	3.79862
11900	-4.7448	-2.5252	5.7297	1.1925	11.883	3.8051	45.1006	3.80984
12000	-4.7199	-2.4955	5.7322	1.1972	11.973	3.8158	44.9843	3.82062
12100	-4.6960	-2.4669	5.7347	1.2024	12.065	3.8260	44.8633	3.83093
12200	-4.6732	-2.4394	5.7370	1.2076	12.156	3.8357	44.7371	3.84079
12300	-4.6513	-2.4129	5.7393	1.2132	12.249	3.8451	44.6062	3.85022
12400	-4.6304	-2.3875	5.7415	1.2191	12.343	3.8539	44.4709	3.85920
12500	-4.6104	-2.3631	5.7436	1.2251	12.437	3.8624	44.3313	3.86774
12600	-4.5914	-2.3396	5.7457	1.2317	12.533	3.8704	44.1878	3.87585
12700	-4.5731	-2.3171	5.7476	1.2386	12.630	3.8780	44.0397	3.88353
12800	-4.5557	-2.2955	5.7496	1.2452	12.725	3.8852	43.8879	3.89080
12900	-4.5391	-2.2747	5.7514	1.2524	12.823	3.8920	43.7330	3.89768
13000	-4.5232	-2.2548	5.7532	1.2604	12.924	3.8984	43.5746	3.90417
13100	-4.5081	-2.2356	5.7549	1.2680	13.023	3.9045	43.4139	3.91030
13200	-4.4936	-2.2172	5.7566	1.2756	13.121	3.9102	43.2504	3.91606
13300	-4.4797	-2.1995	5.7582	1.2836	13.221	3.9156	43.0839	3.92149
13400	-4.4665	-2.1824	5.7597	1.2921	13.323	3.9206	42.9153	3.92658
13500	-4.4538	-2.1660	5.7612	1.3010	13.427	3.9253	42.7451	3.93136

S/R= 104.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13600	-4.4417	-2.1502	5.7627	1.3095	13.528	3.9298	42.5733	3.93584
13700	-4.4301	-2.1350	5.7641	1.3182	13.630	3.9339	42.4002	3.94003
13800	-4.4190	-2.1203	5.7655	1.3276	13.735	3.9378	42.2256	3.94396
13900	-4.4084	-2.1061	5.7668	1.3085	13.692	3.9415	42.0498	3.94762
14000	-4.3963	-2.0906	5.7682	1.3456	13.940	3.9447	41.8903	3.95084
14100	-4.3883	-2.0791	5.7693	1.3931	14.241	3.9481	41.6966	3.95424
14200	-4.3789	-2.0663	5.7705	1.3634	14.143	3.9510	41.5198	3.95723
14300	-4.3698	-2.0538	5.7717	1.3713	14.239	3.9538	41.3424	3.96001
14400	-4.3609	-2.0417	5.7729	1.3802	14.340	3.9564	41.1655	3.96262
14500	-4.3524	-2.0299	5.7740	1.3894	14.442	3.9588	40.9883	3.96505
14600	-4.3442	-2.0185	5.7751	1.3964	14.532	3.9611	40.8118	3.96732
14700	-4.3362	-2.0073	5.7762	1.4038	14.624	3.9632	40.6358	3.96945
14800	-4.3285	-1.9964	5.7773	1.4118	14.719	3.9652	40.4604	3.97143
14900	-4.3210	-1.9857	5.7783	1.4189	14.809	3.9670	40.2856	3.97328
15000	-4.3136	-1.9753	5.7794	1.4222	14.880	3.9688	40.1121	3.97502

S/R= 105.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-6.9489	-4.9990	5.5556	1.0995	8.365	3.0809	45.4991	3.08121
8000	-6.8582	-4.8992	5.5624	1.1002	8.455	3.1063	45.6365	3.10665
8100	-6.7700	-4.8022	5.5690	1.1015	8.547	3.1314	45.7664	3.13184
8200	-6.6842	-4.7077	5.5755	1.1029	8.640	3.1563	45.8878	3.15677
8300	-6.6009	-4.6157	5.5819	1.1044	8.732	3.1809	46.0018	3.18142
8400	-6.5199	-4.5262	5.5881	1.1058	8.823	3.2053	46.1087	3.20582
8500	-6.4412	-4.4391	5.5941	1.1073	8.915	3.2293	46.2076	3.22993
8600	-6.3647	-4.3544	5.6001	1.1088	9.007	3.2531	46.2989	3.25374
8700	-6.2904	-4.2719	5.6059	1.1103	9.098	3.2765	46.3829	3.27728
8800	-6.2182	-4.1917	5.6116	1.1119	9.189	3.2997	46.4595	3.30051
8900	-6.1481	-4.1136	5.6171	1.1136	9.280	3.3225	46.5293	3.32344
9000	-6.0800	-4.0377	5.6226	1.1151	9.370	3.3451	46.5920	3.34607
9100	-6.0138	-3.9639	5.6279	1.1168	9.460	3.3673	46.6472	3.36837
9200	-5.9495	-3.8921	5.6331	1.1186	9.550	3.3892	46.6956	3.39036
9300	-5.8872	-3.8222	5.6382	1.1203	9.640	3.4108	46.7376	3.41202
9400	-5.8266	-3.7543	5.6431	1.1221	9.729	3.4320	46.7722	3.43333
9500	-5.7679	-3.6884	5.6480	1.1240	9.819	3.4528	46.7998	3.45430
9600	-5.7109	-3.6242	5.6527	1.1258	9.908	3.4734	46.8214	3.47494
9700	-5.6556	-3.5620	5.6573	1.1279	9.997	3.4935	46.8354	3.49519
9800	-5.6021	-3.5015	5.6619	1.1299	10.086	3.5133	46.8426	3.51505
9900	-5.5501	-3.4427	5.6663	1.1319	10.175	3.5327	46.8437	3.53459
10000	-5.4997	-3.3857	5.6706	1.1342	10.264	3.5517	46.8380	3.55374
10100	-5.4510	-3.3304	5.6748	1.1365	10.352	3.5703	46.8257	3.57246
10200	-5.4039	-3.2768	5.6789	1.1387	10.440	3.5885	46.8065	3.59078
10300	-5.3583	-3.2248	5.6829	1.1411	10.528	3.6063	46.7807	3.60872
10400	-5.3141	-3.1743	5.6868	1.1437	10.617	3.6237	46.7485	3.62624
10500	-5.2715	-3.1255	5.6906	1.1464	10.705	3.6406	46.7095	3.64332
10600	-5.2303	-3.0783	5.6943	1.1491	10.793	3.6571	46.6639	3.65996
10700	-5.1906	-3.0326	5.6979	1.1518	10.880	3.6732	46.6118	3.67616
10800	-5.1522	-2.9883	5.7014	1.1551	10.970	3.6889	46.5537	3.69194
10900	-5.1153	-2.9456	5.7048	1.1582	11.058	3.7040	46.4884	3.70725
11000	-5.0797	-2.9043	5.7081	1.1613	11.146	3.7187	46.4172	3.72208
11100	-5.0454	-2.8644	5.7113	1.1649	11.235	3.7330	46.3392	3.73647
11200	-5.0125	-2.8260	5.7144	1.1687	11.325	3.7468	46.2559	3.75037
11300	-4.9808	-2.7889	5.7174	1.1724	11.413	3.7601	46.1648	3.76379
11400	-4.9504	-2.7532	5.7203	1.1763	11.502	3.7729	46.0686	3.77674

S/R= 105.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11500	-4.9212	-2.7138	5.7231	1.1806	11.593	3.7852	45.9661	3.78920
11600	-4.8932	-2.6857	5.7259	1.1850	11.683	3.7971	45.8576	3.80116
11700	-4.8663	-2.6538	5.7285	1.1897	11.774	3.8084	45.7431	3.81265
11800	-4.8407	-2.6232	5.7311	1.1949	11.867	3.8193	45.6232	3.82366
11900	-4.8161	-2.5938	5.7335	1.1998	11.958	3.8298	45.4982	3.83419
12000	-4.7926	-2.5655	5.7359	1.2053	12.051	3.8397	45.3673	3.84424
12100	-4.7702	-2.5384	5.7382	1.2113	12.146	3.8492	45.2316	3.85381
12200	-4.7487	-2.5124	5.7404	1.2172	12.240	3.8582	45.0906	3.86290
12300	-4.7283	-2.4874	5.7426	1.2238	12.337	3.8667	44.9447	3.87154
12400	-4.7088	-2.4635	5.7446	1.2304	12.433	3.8748	44.7945	3.87972
12500	-4.6902	-2.4406	5.7466	1.2370	12.530	3.8825	44.6405	3.88747
12600	-4.6725	-2.4186	5.7486	1.2443	12.628	3.8898	44.4824	3.89480
12700	-4.6555	-2.3974	5.7504	1.2518	12.728	3.8966	44.3208	3.90171
12800	-4.6394	-2.3772	5.7522	1.2595	12.827	3.9031	44.1552	3.90821
12900	-4.6240	-2.3578	5.7539	1.2677	12.929	3.9091	43.9872	3.91433
13000	-4.6094	-2.3391	5.7556	1.2767	13.035	3.9148	43.8162	3.92008
13100	-4.5954	-2.3213	5.7572	1.2853	13.138	3.9201	43.6424	3.92545
13200	-4.5821	-2.3041	5.7587	1.2936	13.239	3.9251	43.4664	3.93048
13300	-4.5694	-2.2876	5.7602	1.3026	13.343	3.9298	43.2878	3.93518
13400	-4.5573	-2.2717	5.7617	1.3118	13.448	3.9342	43.1085	3.93958
13500	-4.5456	-2.2564	5.7631	1.3210	13.552	3.9382	42.9270	3.94369
13600	-4.5345	-2.2416	5.7644	1.3306	13.658	3.9420	42.7449	3.94753
13700	-4.5239	-2.2274	5.7657	1.3400	13.763	3.9456	42.5619	3.95110
13800	-4.5136	-2.2137	5.7670	1.3496	13.868	3.9489	42.3776	3.95443
13900	-4.5038	-2.2004	5.7683	1.3259	13.801	3.9520	42.1931	3.95752
14000	-4.4925	-2.1857	5.7696	1.3679	14.073	3.9547	42.0256	3.96024
14100	-4.4853	-2.1751	5.7706	1.4230	14.410	3.9575	41.8237	3.96309
14200	-4.4766	-2.1630	5.7718	1.3860	14.276	3.9600	41.6392	3.96559
14300	-4.4681	-2.1512	5.7729	1.3937	14.370	3.9623	41.4547	3.96791
14400	-4.4599	-2.1397	5.7740	1.4021	14.467	3.9645	41.2709	3.97007
14500	-4.4520	-2.1286	5.7751	1.4113	14.569	3.9665	41.0878	3.97209
14600	-4.4443	-2.1177	5.7761	1.4182	14.658	3.9684	40.9053	3.97397
14700	-4.4368	-2.1071	5.7772	1.4247	14.746	3.9701	40.7240	3.97573
14800	-4.4295	-2.0967	5.7782	1.4324	14.839	3.9718	40.5437	3.97736
14900	-4.4224	-2.0865	5.7792	1.4384	14.923	3.9733	40.3647	3.97890
15000	-4.4155	-2.0765	5.7802	1.4405	14.986	3.9748	40.1867	3.98034

S/R= 106.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
7900	-6.9891	-5.0348	5.5627	1.0996	8.408	3.1124	46.2446	3.11270
8000	-6.8984	-4.9351	5.5694	1.1003	8.499	3.1380	46.3788	3.13837
8100	-6.8105	-4.8332	5.5760	1.1017	8.592	3.1634	46.5050	3.16376
8200	-6.7249	-4.7439	5.5824	1.1031	8.684	3.1884	46.6229	3.18890
8300	-6.6418	-4.6522	5.5887	1.1046	8.777	3.2132	46.7331	3.21374
8400	-6.5611	-4.5630	5.5949	1.1061	8.869	3.2377	46.8352	3.23829
8500	-6.4829	-4.4763	5.6009	1.1076	8.961	3.2619	46.9295	3.26256
8600	-6.4067	-4.3919	5.6067	1.1091	9.053	3.2858	47.0159	3.28649
8700	-6.3327	-4.3099	5.6125	1.1107	9.145	3.3094	47.0951	3.31015
8800	-6.2609	-4.2301	5.6181	1.1123	9.236	3.3327	47.1662	3.33349
8900	-6.1913	-4.1526	5.6236	1.1141	9.328	3.3556	47.2300	3.35648
9000	-6.1237	-4.0771	5.6290	1.1156	9.418	3.3782	47.2868	3.37917
9100	-6.0580	-4.0038	5.6342	1.1174	9.509	3.4005	47.3360	3.40151
9200	-5.9944	-3.9326	5.6394	1.1193	9.600	3.4223	47.3776	3.42349
9300	-5.9325	-3.8634	5.6444	1.1209	9.689	3.4439	47.4124	3.44515

S/R= 106.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-5.8726	-3.7962	5.6493	1.1229	9.780	3.4651	47.4399	3.46644
9500	-5.8146	-3.7309	5.6541	1.1249	9.870	3.4859	47.4599	3.48733
9600	-5.7583	-3.6675	5.6587	1.1268	9.959	3.5063	47.4732	3.50788
9700	-5.7037	-3.6060	5.6633	1.1289	10.049	3.5264	47.4793	3.52804
9800	-5.6509	-3.5464	5.6677	1.1312	10.139	3.5460	47.4777	3.54777
9900	-5.5999	-3.4886	5.6721	1.1334	10.228	3.5652	47.4694	3.56710
10000	-5.5504	-3.4324	5.6763	1.1356	10.317	3.5841	47.4545	3.58606
10100	-5.5026	-3.3780	5.6804	1.1381	10.406	3.6025	47.4324	3.60457
10200	-5.4563	-3.3254	5.6844	1.1406	10.495	3.6204	47.4028	3.62264
10300	-5.4118	-3.2745	5.6883	1.1432	10.584	3.6379	47.3660	3.64025
10400	-5.3687	-3.2251	5.6921	1.1459	10.672	3.6550	47.3230	3.65745
10500	-5.3271	-3.1774	5.6958	1.1488	10.762	3.6716	47.2725	3.67418
10600	-5.2870	-3.1314	5.6994	1.1518	10.850	3.6877	47.2152	3.69044
10700	-5.2484	-3.0869	5.7029	1.1548	10.939	3.7034	47.1508	3.70621
10800	-5.2113	-3.0439	5.7063	1.1584	11.029	3.7186	47.0796	3.72151
10900	-5.1756	-3.0024	5.7095	1.1618	11.119	3.7332	47.0015	3.73633
11000	-5.1412	-2.9625	5.7127	1.1653	11.208	3.7474	46.9166	3.75064
11100	-5.1083	-2.9240	5.7158	1.1693	11.299	3.7612	46.8252	3.76446
11200	-5.0766	-2.8870	5.7188	1.1734	11.389	3.7743	46.7275	3.77777
11300	-5.0463	-2.8513	5.7217	1.1776	11.479	3.7870	46.6229	3.79056
11400	-5.0173	-2.8171	5.7245	1.1819	11.570	3.7992	46.5116	3.80286
11500	-4.9895	-2.7841	5.7272	1.1868	11.662	3.8109	46.3940	3.81465
11600	-4.9629	-2.7526	5.7298	1.1918	11.755	3.8220	46.2708	3.82591
11700	-4.9375	-2.7222	5.7323	1.1972	11.849	3.8327	46.1410	3.83666
11800	-4.9133	-2.6932	5.7347	1.2031	11.944	3.8428	46.0055	3.84690
11900	-4.8902	-2.6653	5.7370	1.2086	12.037	3.8525	45.8651	3.85666
12000	-4.8682	-2.6386	5.7393	1.2148	12.133	3.8617	45.7190	3.86592
12100	-4.8472	-2.6130	5.7414	1.2215	12.231	3.8704	45.5678	3.87470
12200	-4.8272	-2.5885	5.7435	1.2282	12.328	3.8786	45.4119	3.88301
12300	-4.8081	-2.5651	5.7455	1.2358	12.429	3.8864	45.2518	3.89087
12400	-4.7901	-2.5427	5.7475	1.2433	12.529	3.8937	45.0869	3.89824
12500	-4.7728	-2.5212	5.7493	1.2510	12.630	3.9006	44.9180	3.90518
12600	-4.7565	-2.5006	5.7511	1.2593	12.732	3.9071	44.7457	3.91171
12700	-4.7409	-2.4809	5.7528	1.2675	12.834	3.9131	44.5698	3.91782
12800	-4.7260	-2.4621	5.7545	1.2763	12.939	3.9188	44.3910	3.92354
12900	-4.7119	-2.4440	5.7561	1.2853	13.044	3.9241	44.2098	3.92890
13000	-4.6984	-2.4266	5.7577	1.2950	13.152	3.9291	44.0260	3.93390
13100	-4.6856	-2.4100	5.7591	1.3043	13.258	3.9337	43.8401	3.93855
13200	-4.6734	-2.3940	5.7606	1.3134	13.362	3.9380	43.6526	3.94290
13300	-4.6617	-2.3786	5.7620	1.3231	13.469	3.9420	43.4635	3.94694
13400	-4.6506	-2.3637	5.7633	1.3331	13.576	3.9458	43.2733	3.95069
13500	-4.6399	-2.3495	5.7646	1.3430	13.684	3.9493	43.0821	3.95419
13600	-4.6297	-2.3357	5.7659	1.3527	13.789	3.9525	42.8903	3.95743
13700	-4.6199	-2.3223	5.7671	1.3627	13.896	3.9555	42.6978	3.96043
13800	-4.6104	-2.3095	5.7683	1.3730	14.004	3.9582	42.5056	3.96322
13900	-4.6014	-2.2970	5.7695	1.3439	13.910	3.9608	42.3130	3.96580
14000	-4.5907	-2.2829	5.7708	1.3908	14.205	3.9631	42.1386	3.96807
14100	-4.5842	-2.2731	5.7717	1.4538	14.580	3.9654	41.9295	3.97043
14200	-4.5761	-2.2617	5.7728	1.4090	14.408	3.9675	41.7382	3.97250
14300	-4.5682	-2.2505	5.7739	1.4164	14.500	3.9694	41.5480	3.97443
14400	-4.5605	-2.2396	5.7749	1.4236	14.590	3.9712	41.3584	3.97621
14500	-4.5531	-2.2290	5.7759	1.4318	14.686	3.9729	41.1699	3.97787
14600	-4.5458	-2.2186	5.7770	1.4381	14.772	3.9744	40.9827	3.97942
14700	-4.5387	-2.2084	5.7779	1.4438	14.855	3.9759	40.7970	3.98087
14800	-4.5318	-2.1984	5.7789	1.4503	14.941	3.9772	40.6126	3.98222

S/R= 106.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-4.5251	-2.1886	5.7799	1.4552	15.019	3.9785	40.4300	3.98349
15000	-4.5184	-2.1789	5.7808	1.4566	15.079	3.9797	40.2486	3.98469

S/R= 107.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-6.9385	-4.9708	5.5763	1.1012	8.545	3.1697	47.1197	3.17001
8100	-6.8508	-4.8742	5.5828	1.1019	8.636	3.1952	47.2417	3.19560
8200	-6.7655	-4.7802	5.5892	1.1033	8.729	3.2205	47.3554	3.22092
8300	-6.6827	-4.6888	5.5954	1.1049	8.822	3.2454	47.4611	3.24593
8400	-6.6024	-4.6000	5.6015	1.1064	8.915	3.2701	47.5584	3.27061
8500	-6.5244	-4.5136	5.6075	1.1079	9.007	3.2944	47.6480	3.29502
8600	-6.4487	-4.4296	5.6133	1.1095	9.100	3.3184	47.7291	3.31907
8700	-6.3752	-4.3481	5.6190	1.1111	9.192	3.3421	47.8024	3.34280
8800	-6.3039	-4.2688	5.6245	1.1128	9.283	3.3654	47.8680	3.36622
8900	-6.2348	-4.1918	5.6300	1.1146	9.375	3.3884	47.9256	3.38926
9000	-6.1677	-4.1170	5.6353	1.1163	9.466	3.4110	47.9754	3.41196
9100	-6.1026	-4.0442	5.6404	1.1181	9.558	3.4333	48.0180	3.43432
9200	-6.0396	-3.9737	5.6455	1.1200	9.649	3.4552	48.0525	3.45629
9300	-5.9785	-3.9052	5.6504	1.1218	9.739	3.4767	48.0793	3.47787
9400	-5.9192	-3.8387	5.6553	1.1239	9.830	3.4978	48.0993	3.49910
9500	-5.8619	-3.7742	5.6600	1.1260	9.921	3.5185	48.1109	3.51991
9600	-5.8064	-3.7117	5.6646	1.1280	10.011	3.5388	48.1150	3.54030
9700	-5.7527	-3.6511	5.6690	1.1302	10.100	3.5587	48.1121	3.56030
9800	-5.7008	-3.5923	5.6734	1.1325	10.190	3.5782	48.1013	3.57987
9900	-5.6506	-3.5354	5.6776	1.1349	10.281	3.5972	48.0829	3.59899
10000	-5.6021	-3.4803	5.6818	1.1375	10.371	3.6157	48.0571	3.61766
10100	-5.5553	-3.4270	5.6858	1.1399	10.460	3.6338	48.0243	3.63589
10200	-5.5101	-3.3754	5.6897	1.1426	10.549	3.6515	47.9839	3.65366
10300	-5.4666	-3.3257	5.6935	1.1456	10.640	3.6687	47.9352	3.67092
10400	-5.4247	-3.2776	5.6972	1.1485	10.729	3.6853	47.8797	3.68771
10500	-5.3843	-3.2311	5.7008	1.1516	10.819	3.7015	47.8168	3.70401
10600	-5.3454	-3.1863	5.7042	1.1549	10.909	3.7172	47.7466	3.71982
10700	-5.3081	-3.1431	5.7076	1.1583	10.998	3.7324	47.6691	3.73510
10800	-5.2722	-3.1015	5.7109	1.1620	11.089	3.7470	47.5839	3.74987
10900	-5.2379	-3.0615	5.7140	1.1660	11.180	3.7612	47.4919	3.76411
11000	-5.2049	-3.0230	5.7171	1.1699	11.271	3.7748	47.3931	3.77783
11100	-5.1733	-2.9860	5.7201	1.1743	11.363	3.7879	47.2859	3.79102
11200	-5.1431	-2.9505	5.7229	1.1791	11.456	3.8004	47.1732	3.80366
11300	-5.1143	-2.9164	5.7257	1.1837	11.548	3.8124	47.0532	3.81575
11400	-5.0868	-2.8838	5.7283	1.1887	11.641	3.8239	46.9263	3.82732
11500	-5.0605	-2.8524	5.7309	1.1941	11.735	3.8348	46.7932	3.83836
11600	-5.0354	-2.8224	5.7333	1.1997	11.829	3.8452	46.6539	3.84886
11700	-5.0115	-2.7937	5.7357	1.2059	11.926	3.8551	46.5091	3.85885
11800	-4.9888	-2.7662	5.7380	1.2126	12.025	3.8645	46.3577	3.86829
11900	-4.9672	-2.7400	5.7402	1.2191	12.122	3.8734	46.2010	3.87723
12000	-4.9467	-2.7149	5.7423	1.2261	12.221	3.8817	46.0391	3.88566
12100	-4.9272	-2.6909	5.7443	1.2338	12.323	3.8896	45.8726	3.89361
12200	-4.9087	-2.6680	5.7463	1.2413	12.423	3.8970	45.7009	3.90107
12300	-4.8911	-2.6461	5.7482	1.2497	12.527	3.9040	45.5255	3.90810
12400	-4.8744	-2.6251	5.7500	1.2583	12.631	3.9105	45.3460	3.91466
12500	-4.8585	-2.6051	5.7517	1.2669	12.735	3.9166	45.1633	3.92082
12600	-4.8434	-2.5859	5.7534	1.2759	12.841	3.9223	44.9770	3.92656
12700	-4.8291	-2.5675	5.7550	1.2851	12.947	3.9276	44.7881	3.93191
12800	-4.8155	-2.5500	5.7565	1.2949	13.056	3.9326	44.5968	3.93689

S/R= 107.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12900	-4.8025	-2.5331	5.7580	1.3049	13.165	3.9372	44.4025	3.94152
13000	-4.7902	-2.5170	5.7594	1.3156	13.277	3.9415	44.2071	3.94582
13100	-4.7784	-2.5015	5.7608	1.3255	13.384	3.9454	44.0099	3.94979
13200	-4.7672	-2.4866	5.7622	1.3355	13.492	3.9491	43.8115	3.95348
13300	-4.7565	-2.4722	5.7635	1.3461	13.603	3.9525	43.6121	3.95690
13400	-4.7463	-2.4584	5.7647	1.3560	13.710	3.9556	43.4127	3.96006
13500	-4.7364	-2.4450	5.7659	1.3663	13.818	3.9585	43.2122	3.96299
13600	-4.7270	-2.4320	5.7671	1.3763	13.925	3.9612	43.0123	3.96570
13700	-4.7179	-2.4195	5.7683	1.3858	14.028	3.9637	42.8118	3.96821
13800	-4.7092	-2.4074	5.7694	1.3956	14.133	3.9661	42.6121	3.97052
13900	-4.7008	-2.3956	5.7705	1.3611	14.011	3.9682	42.4128	3.97265
14000	-4.6907	-2.3822	5.7718	1.4136	14.334	3.9700	42.2321	3.97453
14100	-4.6848	-2.3730	5.7726	1.4848	14.746	3.9720	42.0165	3.97648
14200	-4.6772	-2.3621	5.7737	1.4302	14.527	3.9737	41.8197	3.97818
14300	-4.6698	-2.3515	5.7747	1.4377	14.619	3.9753	41.6244	3.97976
14400	-4.6625	-2.3410	5.7757	1.4440	14.705	3.9768	41.4305	3.98123
14500	-4.6555	-2.3308	5.7767	1.4509	14.794	3.9781	41.2380	3.98259
14600	-4.6486	-2.3208	5.7776	1.4564	14.875	3.9794	41.0466	3.98386
14700	-4.6418	-2.3110	5.7786	1.4605	14.949	3.9806	40.8574	3.98507
14800	-4.6352	-2.3013	5.7795	1.4654	15.027	3.9818	40.6698	3.98619
14900	-4.6287	-2.2917	5.7805	1.4687	15.097	3.9828	40.4843	3.98724
15000	-4.6223	-2.2823	5.7814	1.4696	15.154	3.9838	40.3006	3.98826

S/R= 108.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8000	-6.9785	-5.0065	5.5830	1.1014	8.588	3.2012	47.8581	3.20157
8100	-6.8910	-4.9101	5.5895	1.1021	8.679	3.2269	47.9756	3.22732
8200	-6.8061	-4.8165	5.5958	1.1036	8.773	3.2524	48.0848	3.25280
8300	-6.7237	-4.7254	5.6020	1.1052	8.867	3.2775	48.1860	3.27796
8400	-6.6437	-4.6370	5.6080	1.1068	8.960	3.3022	48.2780	3.30279
8500	-6.5661	-4.5511	5.6139	1.1083	9.053	3.3267	48.3622	3.32728
8600	-6.4909	-4.4676	5.6197	1.1100	9.146	3.3508	48.4377	3.35143
8700	-6.4179	-4.3866	5.6253	1.1117	9.238	3.3745	48.5047	3.37522
8800	-6.3471	-4.3079	5.6308	1.1133	9.330	3.3979	48.5636	3.39867
8900	-6.2786	-4.2314	5.6362	1.1152	9.423	3.4209	48.6146	3.42175
9000	-6.2121	-4.1573	5.6414	1.1170	9.514	3.4435	48.6571	3.44442
9100	-6.1477	-4.0853	5.6465	1.1189	9.606	3.4657	48.6918	3.46675
9200	-6.0853	-4.0154	5.6515	1.1209	9.698	3.4876	48.7191	3.48868
9300	-6.0250	-3.9477	5.6562	1.1228	9.789	3.5090	48.7375	3.51017
9400	-5.9666	-3.8821	5.6611	1.1249	9.880	3.5300	48.7480	3.53127
9500	-5.9101	-3.8184	5.6657	1.1271	9.971	3.5506	48.7511	3.55195
9600	-5.8554	-3.7568	5.6702	1.1294	10.062	3.5707	48.7459	3.57217
9700	-5.8027	-3.6972	5.6746	1.1317	10.152	3.5904	48.7324	3.59193
9800	-5.7517	-3.6394	5.6789	1.1340	10.242	3.6096	48.7113	3.61127
9900	-5.7025	-3.5836	5.6830	1.1367	10.333	3.6284	48.6823	3.63013
10000	-5.6551	-3.5296	5.6870	1.1395	10.424	3.6466	48.6452	3.64850
10100	-5.6094	-3.4775	5.6910	1.1422	10.514	3.6644	48.6001	3.66635
10200	-5.5654	-3.4271	5.6948	1.1449	10.603	3.6817	48.5472	3.68374
10300	-5.5230	-3.3786	5.6985	1.1482	10.695	3.6984	48.4865	3.70060
10400	-5.4823	-3.3318	5.7020	1.1515	10.785	3.7147	48.4177	3.71694
10500	-5.4433	-3.2867	5.7055	1.1550	10.877	3.7304	48.3411	3.73274
10600	-5.4058	-3.2433	5.7089	1.1586	10.968	3.7455	48.2567	3.74801
10700	-5.3698	-3.2016	5.7121	1.1622	11.058	3.7601	48.1647	3.76273
10800	-5.3353	-3.1615	5.7153	1.1665	11.151	3.7742	48.0646	3.77689

S/R= 109.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-4.8633	-2.5378	5.7777	1.4801	14.957	3.9860	41.3400	3.98956
14600	-4.8569	-2.5283	5.7787	1.4828	15.024	3.9869	41.1439	3.99045
14700	-4.8505	-2.5189	5.7796	1.4827	15.076	3.9878	40.9497	3.99129
14800	-4.8443	-2.5096	5.7805	1.4835	15.133	3.9886	40.7580	3.99210
14900	-4.8381	-2.5004	5.7814	1.4843	15.189	3.9894	40.5691	3.99288
15000	-4.8319	-2.4912	5.7823	1.4844	15.242	3.9901	40.3827	3.99364

S/R= 110.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8100	-6.9715	-4.9822	5.6025	1.1034	8.769	3.2900	49.4346	3.29038
8200	-6.8874	-4.8894	5.6087	1.1042	8.860	3.3157	49.5333	3.31610
8300	-6.8059	-4.7993	5.6148	1.1059	8.955	3.3410	49.6231	3.34149
8400	-6.7268	-4.7118	5.6207	1.1075	9.049	3.3660	49.7037	3.36651
8500	-6.6503	-4.6270	5.6264	1.1093	9.143	3.3905	49.7749	3.39113
8600	-6.5762	-4.5447	5.6321	1.1111	9.237	3.4147	49.8373	3.41535
8700	-6.5043	-4.4649	5.6375	1.1128	9.330	3.4385	49.8910	3.43921
8800	-6.4349	-4.3875	5.6429	1.1147	9.423	3.4619	49.9349	3.46263
8900	-6.3677	-4.3125	5.6481	1.1167	9.517	3.4848	49.9701	3.48563
9000	-6.3026	-4.2398	5.6532	1.1186	9.609	3.5073	49.9970	3.50822
9100	-6.2398	-4.1695	5.6581	1.1208	9.702	3.5294	50.0139	3.53035
9200	-6.1791	-4.1014	5.6630	1.1229	9.794	3.5510	50.0225	3.55202
9300	-6.1204	-4.0354	5.6676	1.1251	9.886	3.5721	50.0222	3.57324
9400	-6.0638	-3.9717	5.6722	1.1276	9.979	3.5927	50.0126	3.59396
9500	-6.0093	-3.9101	5.6766	1.1300	10.071	3.6129	49.9946	3.61417
9600	-5.9567	-3.8506	5.6810	1.1324	10.162	3.6325	49.9678	3.63391
9700	-5.9060	-3.7932	5.6852	1.1353	10.255	3.6517	49.9318	3.65311
9800	-5.8573	-3.7378	5.6892	1.1381	10.346	3.6702	49.8865	3.67177
9900	-5.8105	-3.6845	5.6931	1.1410	10.438	3.6882	49.8320	3.68987
10000	-5.7655	-3.6330	5.6970	1.1443	10.530	3.7057	49.7694	3.70745
10100	-5.7224	-3.5836	5.7007	1.1476	10.622	3.7226	49.6974	3.72443
10200	-5.6810	-3.5360	5.7042	1.1511	10.714	3.7389	49.6168	3.74083
10300	-5.6414	-3.4904	5.7077	1.1550	10.808	3.7546	49.5271	3.75663
10400	-5.6035	-3.4466	5.7110	1.1589	10.900	3.7698	49.4285	3.77184
10500	-5.5674	-3.4046	5.7142	1.1633	10.994	3.7843	49.3208	3.78644
10600	-5.5329	-3.3644	5.7173	1.1679	11.089	3.7982	49.2048	3.80040
10700	-5.5000	-3.3260	5.7203	1.1726	11.183	3.8114	49.0804	3.81375
10800	-5.4688	-3.2892	5.7232	1.1778	11.278	3.8241	48.9472	3.82648
10900	-5.4390	-3.2541	5.7259	1.1834	11.375	3.8361	48.8065	3.83860
11000	-5.4108	-3.2206	5.7285	1.1892	11.472	3.8476	48.6580	3.85009
11100	-5.3840	-3.1887	5.7311	1.1955	11.571	3.8584	48.5012	3.86096
11200	-5.3587	-3.1583	5.7335	1.2024	11.672	3.8685	48.3367	3.87121
11300	-5.3348	-3.1295	5.7358	1.2095	11.773	3.8781	48.1660	3.88085
11400	-5.3121	-3.1020	5.7380	1.2169	11.875	3.8871	47.9881	3.88991
11500	-5.2906	-3.0758	5.7402	1.2248	11.979	3.8956	47.8040	3.89840
11600	-5.2704	-3.0509	5.7422	1.2335	12.085	3.9034	47.6144	3.90633
11700	-5.2513	-3.0272	5.7441	1.2424	12.193	3.9108	47.4194	3.91374
11800	-5.2333	-3.0048	5.7460	1.2519	12.302	3.9176	47.2194	3.92062
11900	-5.2163	-2.9834	5.7478	1.2616	12.412	3.9240	47.0150	3.92700
12000	-5.2002	-2.9630	5.7495	1.2717	12.523	3.9299	46.8066	3.93291
12100	-5.1850	-2.9437	5.7511	1.2826	12.638	3.9353	46.5944	3.93837
12200	-5.1707	-2.9252	5.7527	1.2932	12.750	3.9403	46.3790	3.94340
12300	-5.1571	-2.9076	5.7542	1.3042	12.864	3.9449	46.1610	3.94804
12400	-5.1443	-2.8908	5.7556	1.3162	12.983	3.9492	45.9404	3.95230
12500	-5.1321	-2.8747	5.7570	1.3277	13.098	3.9531	45.7192	3.95623

S/R= 110.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12600	-5.1206	-2.8593	5.7583	1.3390	13.212	3.9567	45.4964	3.95982
12700	-5.1096	-2.8445	5.7596	1.3510	13.329	3.9599	45.2725	3.96312
12800	-5.0991	-2.8303	5.7609	1.3624	13.443	3.9630	45.0476	3.96614
12900	-5.0891	-2.8166	5.7621	1.3735	13.555	3.9657	44.8230	3.96891
13000	-5.0795	-2.8034	5.7633	1.3854	13.671	3.9683	44.5979	3.97144
13100	-5.0704	-2.7907	5.7644	1.3969	13.784	3.9706	44.3736	3.97376
13200	-5.0616	-2.7784	5.7655	1.4071	13.891	3.9727	44.1496	3.97588
13300	-5.0531	-2.7664	5.7666	1.4172	13.997	3.9746	43.9266	3.97782
13400	-5.0450	-2.7548	5.7676	1.4272	14.102	3.9764	43.7045	3.97960
13500	-5.0371	-2.7435	5.7687	1.4358	14.200	3.9781	43.4839	3.98124
13600	-5.0294	-2.7325	5.7697	1.4452	14.302	3.9796	43.2646	3.98273
13700	-5.0220	-2.7217	5.7707	1.4528	14.394	3.9809	43.0472	3.98411
13800	-5.0149	-2.7112	5.7716	1.4602	14.486	3.9822	42.8313	3.98539
13900	-5.0078	-2.7009	5.7726	1.4066	14.271	3.9834	42.6173	3.98656
14000	-4.9988	-2.6887	5.7737	1.4723	14.655	3.9844	42.4245	3.98758
14100	-4.9942	-2.6809	5.7745	1.5645	15.163	3.9855	42.1954	3.98866
14200	-4.9875	-2.6711	5.7754	1.4817	14.810	3.9865	41.9879	3.98961
14300	-4.9810	-2.6614	5.7763	1.4850	14.880	3.9873	41.7823	3.99049
14400	-4.9746	-2.6519	5.7772	1.4866	14.942	3.9882	41.5796	3.99133
14500	-4.9683	-2.6424	5.7781	1.4891	15.008	3.9890	41.3789	3.99213
14600	-4.9620	-2.6331	5.7791	1.4895	15.063	3.9898	41.1812	3.99289
14700	-4.9558	-2.6238	5.7800	1.4876	15.106	3.9905	40.9858	3.99362
14800	-4.9496	-2.6146	5.7809	1.4861	15.151	3.9912	40.7934	3.99433
14900	-4.9434	-2.6054	5.7818	1.4850	15.198	3.9919	40.6035	3.99504
15000	-4.9372	-2.5963	5.7827	1.4841	15.245	3.9926	40.4168	3.99573

S/R= 111.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-6.9283	-4.9262	5.6150	1.1055	8.907	3.3470	50.2510	3.34748
8300	-6.9473	-4.8367	5.6209	1.1063	8.999	3.3724	50.3345	3.37293
8400	-6.7688	-4.7497	5.6268	1.1080	9.093	3.3975	50.4084	3.39800
8500	-6.5928	-4.6655	5.6325	1.1099	9.188	3.4221	50.4727	3.42266
8600	-6.6194	-4.5839	5.6380	1.1117	9.282	3.4462	50.5271	3.44687
8700	-6.5483	-4.5048	5.6434	1.1136	9.376	3.4700	50.5730	3.47069
8800	-6.4795	-4.4282	5.6487	1.1154	9.469	3.4933	50.6086	3.49407
8900	-6.4132	-4.3541	5.6538	1.1175	9.563	3.5161	50.6347	3.51696
9000	-6.3490	-4.2823	5.6588	1.1196	9.656	3.5385	50.6522	3.53943
9100	-6.2870	-4.2128	5.6637	1.1219	9.749	3.5605	50.6598	3.56142
9200	-6.2273	-4.1458	5.6684	1.1241	9.842	3.5819	50.6578	3.58290
9300	-6.1696	-4.0809	5.6730	1.1265	9.935	3.6028	50.6465	3.60387
9400	-6.1141	-4.0182	5.6775	1.1291	10.028	3.6232	50.6261	3.62435
9500	-6.0606	-3.9578	5.6818	1.1318	10.121	3.6430	50.5960	3.64427
9600	-6.0092	-3.8996	5.6860	1.1344	10.213	3.6623	50.5565	3.66363
9700	-5.9598	-3.8435	5.6901	1.1373	10.305	3.6811	50.5072	3.68246
9800	-5.9124	-3.7894	5.6941	1.1405	10.398	3.6992	50.4485	3.70070
9900	-5.8669	-3.7375	5.6979	1.1438	10.491	3.7168	50.3802	3.71834
10000	-5.8233	-3.6876	5.7016	1.1474	10.584	3.7337	50.3026	3.73540
10100	-5.7816	-3.6398	5.7052	1.1510	10.677	3.7501	50.2151	3.75182
10200	-5.7417	-3.5937	5.7086	1.1549	10.771	3.7658	50.1185	3.76762
10300	-5.7037	-3.5497	5.7119	1.1593	10.865	3.7809	50.0125	3.78278
10400	-5.6675	-3.5076	5.7151	1.1637	10.959	3.7953	49.8975	3.79730
10500	-5.6330	-3.4673	5.7182	1.1685	11.055	3.8091	49.7727	3.81118
10600	-5.6001	-3.4289	5.7211	1.1736	11.151	3.8223	49.6395	3.82441
10700	-5.5690	-3.3922	5.7240	1.1791	11.248	3.8348	49.4964	3.83696

S/R= 111.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10800	-5.5394	-3.3573	5.7267	1.1851	11.346	3.8466	49.3459	3.84887
10900	-5.5115	-3.3241	5.7293	1.1915	11.446	3.8578	49.1864	3.86012
11000	-5.4850	-3.2925	5.7318	1.1982	11.547	3.8684	49.0193	3.87073
11100	-5.4600	-3.2625	5.7341	1.2052	11.648	3.8783	48.8443	3.88072
11200	-5.4364	-3.2339	5.7364	1.2129	11.751	3.8876	48.6624	3.89008
11300	-5.4141	-3.2068	5.7386	1.2210	11.857	3.8963	48.4735	3.89884
11400	-5.3931	-3.1811	5.7407	1.2298	11.964	3.9044	48.2780	3.90700
11500	-5.3734	-3.1567	5.7426	1.2391	12.073	3.9120	48.0765	3.91457
11600	-5.3548	-3.1336	5.7445	1.2487	12.184	3.9190	47.8699	3.92161
11700	-5.3373	-3.1116	5.7463	1.2586	12.295	3.9254	47.6583	3.92813
11800	-5.3208	-3.0907	5.7480	1.2696	12.410	3.9314	47.4424	3.93415
11900	-5.3052	-3.0709	5.7497	1.2802	12.523	3.9370	47.2229	3.93970
12000	-5.2905	-3.0520	5.7513	1.2911	12.638	3.9420	46.9997	3.94481
12100	-5.2767	-3.0341	5.7528	1.3031	12.756	3.9467	46.7741	3.94949
12200	-5.2636	-3.0169	5.7542	1.3145	12.872	3.9510	46.5459	3.95380
12300	-5.2512	-3.0006	5.7556	1.3269	12.992	3.9549	46.3158	3.95774
12400	-5.2395	-2.9849	5.7570	1.3394	13.112	3.9585	46.0840	3.96133
12500	-5.2283	-2.9699	5.7583	1.3515	13.229	3.9618	45.8515	3.96462
12600	-5.2177	-2.9555	5.7595	1.3631	13.344	3.9648	45.6184	3.96763
12700	-5.2076	-2.9417	5.7607	1.3756	13.463	3.9675	45.3851	3.97037
12800	-5.1980	-2.9284	5.7619	1.3873	13.577	3.9700	45.1517	3.97287
12900	-5.1887	-2.9155	5.7630	1.3980	13.687	3.9723	44.9190	3.97515
13000	-5.1799	-2.9031	5.7641	1.4101	13.803	3.9744	44.6864	3.97722
13100	-5.1714	-2.8911	5.7652	1.4206	13.911	3.9763	44.4553	3.97912
13200	-5.1632	-2.8794	5.7662	1.4301	14.013	3.9780	44.2250	3.98085
13300	-5.1553	-2.8680	5.7673	1.4397	14.116	3.9796	43.9962	3.98244
13400	-5.1476	-2.8569	5.7683	1.4493	14.219	3.9810	43.7692	3.98388
13500	-5.1401	-2.8461	5.7693	1.4566	14.310	3.9824	43.5439	3.98522
13600	-5.1329	-2.8355	5.7702	1.4644	14.404	3.9836	43.3203	3.98644
13700	-5.1258	-2.8251	5.7712	1.4715	14.494	3.9847	43.0990	3.98757
13800	-5.1189	-2.8149	5.7721	1.4777	14.579	3.9858	42.8794	3.98861
13900	-5.1122	-2.8050	5.7731	1.4176	14.333	3.9867	42.6624	3.98957
14000	-5.1035	-2.7930	5.7742	1.4863	14.730	3.9876	42.4668	3.99041
14100	-5.0991	-2.7854	5.7749	1.5832	15.259	3.9885	42.2353	3.99130
14200	-5.0926	-2.7758	5.7758	1.4925	14.869	3.9893	42.0258	3.99209
14300	-5.0863	-2.7664	5.7767	1.4936	14.928	3.9900	41.8186	3.99284
14400	-5.0800	-2.7570	5.7776	1.4930	14.979	3.9908	41.6140	3.99356
14500	-5.0737	-2.7476	5.7785	1.4942	15.038	3.9915	41.4126	3.99425
14600	-5.0675	-2.7384	5.7794	1.4917	15.079	3.9922	41.2137	3.99493
14700	-5.0613	-2.7291	5.7803	1.4879	15.112	3.9928	41.0179	3.99558
14800	-5.0551	-2.7199	5.7812	1.4847	15.148	3.9935	40.8251	3.99624
14900	-5.0489	-2.7107	5.7821	1.4809	15.181	3.9942	40.6356	3.99691
15000	-5.0427	-2.7015	5.7830	1.4788	15.223	3.9948	40.4492	3.99759

S/R= 112.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8200	-6.9694	-4.9633	5.6211	1.1059	8.951	3.3782	50.9638	3.37864
8300	-6.8890	-4.8744	5.6270	1.1068	9.042	3.4036	51.0400	3.40412
8400	-6.8111	-4.7881	5.6328	1.1086	9.137	3.4287	51.1068	3.42920
8500	-6.7358	-4.7046	5.6384	1.1105	9.232	3.4533	51.1637	3.45387
8600	-6.6631	-4.6237	5.6439	1.1124	9.327	3.4775	51.2096	3.47807
8700	-6.5929	-4.5455	5.6492	1.1143	9.421	3.5011	51.2466	3.50178
8800	-6.5249	-4.4697	5.6544	1.1163	9.515	3.5243	51.2736	3.52508
8900	-6.4593	-4.3965	5.6594	1.1186	9.610	3.5471	51.2899	3.54786

S/R= 112.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9000	-6.3962	-4.3257	5.6643	1.1208	9.703	3.5693	51.2967	3.57012
9100	-6.3351	-4.2573	5.6691	1.1231	9.796	3.5910	51.2935	3.59193
9200	-6.2764	-4.1913	5.6737	1.1255	9.890	3.6122	51.2806	3.61317
9300	-6.2200	-4.1276	5.6782	1.1281	9.983	3.6328	51.2575	3.63385
9400	-6.1656	-4.0662	5.6826	1.1309	10.077	3.6529	51.2245	3.65400
9500	-6.1133	-4.0071	5.6868	1.1337	10.170	3.6723	51.1813	3.67357
9600	-6.0632	-3.9502	5.6909	1.1367	10.263	3.6912	51.1282	3.69253
9700	-6.0152	-3.8955	5.6949	1.1399	10.356	3.7095	51.0647	3.71088
9800	-5.9692	-3.8429	5.6987	1.1434	10.450	3.7272	50.9910	3.72863
9900	-5.9251	-3.7925	5.7024	1.1469	10.544	3.7442	50.9074	3.74574
10000	-5.8831	-3.7442	5.7060	1.1509	10.638	3.7606	50.8139	3.76219
10100	-5.8430	-3.6980	5.7094	1.1551	10.733	3.7763	50.7101	3.77798
10200	-5.8047	-3.6537	5.7127	1.1594	10.828	3.7914	50.5969	3.79311
10300	-5.7684	-3.6115	5.7159	1.1641	10.924	3.8058	50.4723	3.80756
10400	-5.7339	-3.5712	5.7189	1.1692	11.021	3.8194	50.3392	3.82131
10500	-5.7011	-3.5329	5.7219	1.1748	11.118	3.8325	50.1965	3.83439
10600	-5.6701	-3.4963	5.7247	1.1805	11.217	3.8448	50.0439	3.84677
10700	-5.6407	-3.4616	5.7273	1.1868	11.317	3.8564	49.8831	3.85848
10800	-5.6130	-3.4285	5.7299	1.1935	11.418	3.8674	49.7138	3.86953
10900	-5.5868	-3.3972	5.7323	1.2010	11.521	3.8777	49.5354	3.87988
11000	-5.5622	-3.3675	5.7347	1.2088	11.626	3.8874	49.3494	3.88956
11100	-5.5390	-3.3394	5.7369	1.2167	11.731	3.8964	49.1554	3.89862
11200	-5.5172	-3.3128	5.7390	1.2256	11.839	3.9047	48.9549	3.90704
11300	-5.4967	-3.2875	5.7410	1.2349	11.949	3.9125	48.7482	3.91487
11400	-5.4774	-3.2636	5.7430	1.2447	12.060	3.9198	48.5348	3.92212
11500	-5.4592	-3.2409	5.7448	1.2549	12.173	3.9264	48.3169	3.92882
11600	-5.4422	-3.2194	5.7465	1.2658	12.288	3.9326	48.0933	3.93499
11700	-5.4261	-3.1990	5.7482	1.2772	12.405	3.9382	47.8668	3.94066
11800	-5.4111	-3.1797	5.7498	1.2892	12.525	3.9434	47.6359	3.94587
11900	-5.3969	-3.1614	5.7513	1.3008	12.642	3.9481	47.4019	3.95063
12000	-5.3835	-3.1438	5.7528	1.3129	12.761	3.9525	47.1648	3.95498
12100	-5.3709	-3.1272	5.7542	1.3259	12.884	3.9564	46.9262	3.95894
12200	-5.3589	-3.1112	5.7556	1.3382	13.002	3.9600	46.6865	3.96257
12300	-5.3476	-3.0960	5.7569	1.3513	13.125	3.9633	46.4456	3.96587
12400	-5.3368	-3.0814	5.7581	1.3640	13.245	3.9663	46.2032	3.96886
12500	-5.3266	-3.0674	5.7593	1.3762	13.362	3.9690	45.9613	3.97159
12600	-5.3169	-3.0539	5.7605	1.3879	13.477	3.9715	45.7193	3.97407
12700	-5.3075	-3.0409	5.7616	1.3999	13.592	3.9738	45.4778	3.97633
12800	-5.2986	-3.0283	5.7627	1.4116	13.706	3.9758	45.2370	3.97838
12900	-5.2900	-3.0162	5.7638	1.4224	13.815	3.9777	44.9973	3.98024
13000	-5.2817	-3.0044	5.7648	1.4341	13.929	3.9794	44.7588	3.98194
13100	-5.2738	-2.9929	5.7658	1.4436	14.031	3.9809	44.5219	3.98349
13200	-5.2661	-2.9817	5.7668	1.4518	14.127	3.9823	44.2865	3.98489
13300	-5.2586	-2.9708	5.7678	1.4609	14.227	3.9836	44.0533	3.98618
13400	-5.2513	-2.9602	5.7688	1.4692	14.323	3.9848	43.8216	3.98735
13500	-5.2442	-2.9498	5.7697	1.4748	14.405	3.9859	43.5927	3.98843
13600	-5.2373	-2.9395	5.7707	1.4816	14.494	3.9869	43.3656	3.98942
13700	-5.2305	-2.9295	5.7716	1.4874	14.577	3.9878	43.1413	3.99035
13800	-5.2239	-2.9196	5.7725	1.4911	14.650	3.9887	42.9192	3.99120
13900	-5.2173	-2.9098	5.7734	1.4259	14.379	3.9895	42.6996	3.99199
14000	-5.2088	-2.8981	5.7745	1.4972	14.789	3.9902	42.5023	3.99270
14100	-5.2045	-2.8906	5.7752	1.5966	15.328	3.9910	42.2690	3.99345
14200	-5.1982	-2.8812	5.7761	1.4988	14.905	3.9916	42.0578	3.99413
14300	-5.1920	-2.8718	5.7770	1.4981	14.955	3.9923	41.8494	3.99478
14400	-5.1857	-2.8625	5.7779	1.4951	14.993	3.9929	41.6443	3.99542

S/R= 112.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-5.1795	-2.8532	5.7788	1.4941	15.042	3.9936	41.4422	3.99604
14600	-5.1733	-2.8439	5.7797	1.4898	15.072	3.9942	41.2434	3.99667
14700	-5.1671	-2.8347	5.7806	1.4836	15.094	3.9949	41.0476	3.99730
14800	-5.1608	-2.8254	5.7815	1.4783	15.119	3.9955	40.8554	3.99795
14900	-5.1545	-2.8161	5.7824	1.4709	15.134	3.9962	40.6664	3.99861
15000	-5.1481	-2.8067	5.7833	1.4666	15.163	3.9969	40.4810	3.99930

S/R= 113.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-6.9311	-4.9126	5.6329	1.1082	9.089	3.4346	51.7398	3.43504
8400	-6.8540	-4.8271	5.6386	1.1092	9.181	3.4596	51.7980	3.46010
8500	-6.7794	-4.7443	5.6441	1.1111	9.276	3.4842	51.8468	3.48472
8600	-6.7074	-4.6642	5.6495	1.1132	9.372	3.5083	51.8843	3.50886
8700	-6.6380	-4.5869	5.6548	1.1153	9.466	3.5318	51.9113	3.53248
8800	-6.5710	-4.5121	5.6599	1.1174	9.561	3.5549	51.9276	3.55560
8900	-6.5064	-4.4399	5.6648	1.1197	9.655	3.5775	51.9343	3.57823
9000	-6.4443	-4.3702	5.6697	1.1221	9.750	3.5994	51.9295	3.60028
9100	-6.3844	-4.3029	5.6743	1.1245	9.844	3.6209	51.9148	3.62179
9200	-6.3269	-4.2381	5.6789	1.1271	9.937	3.6418	51.8895	3.64275
9300	-6.2715	-4.1757	5.6833	1.1299	10.031	3.6621	51.8534	3.66311
9400	-6.2185	-4.1157	5.6875	1.1329	10.126	3.6817	51.8067	3.68285
9500	-6.1676	-4.0580	5.6916	1.1361	10.220	3.7008	51.7491	3.70198
9600	-6.1189	-4.0025	5.6956	1.1393	10.314	3.7192	51.6814	3.72048
9700	-6.0723	-3.9494	5.6994	1.1428	10.408	3.7370	51.6024	3.73830
9800	-6.0279	-3.8985	5.7031	1.1466	10.503	3.7541	51.5125	3.75546
9900	-5.9854	-3.8498	5.7067	1.1506	10.598	3.7705	51.4120	3.77195
10000	-5.9450	-3.8032	5.7101	1.1550	10.694	3.7862	51.3008	3.78775
10100	-5.9066	-3.7588	5.7134	1.1597	10.790	3.8012	51.1795	3.80281
10200	-5.8702	-3.7164	5.7166	1.1647	10.887	3.8155	51.0478	3.81718
10300	-5.8356	-3.6761	5.7196	1.1699	10.985	3.8291	50.9050	3.83083
10400	-5.8029	-3.6377	5.7225	1.1758	11.084	3.8420	50.7529	3.84377
10500	-5.7720	-3.6013	5.7253	1.1822	11.185	3.8542	50.5909	3.85599
10600	-5.7429	-3.5668	5.7279	1.1888	11.286	3.8656	50.4187	3.86747
10700	-5.7154	-3.5340	5.7304	1.1960	11.389	3.8763	50.2381	3.87825
10800	-5.6896	-3.5030	5.7328	1.2036	11.494	3.8864	50.0484	3.88834
10900	-5.6653	-3.4737	5.7351	1.2121	11.601	3.8958	49.8510	3.89776
11000	-5.6425	-3.4459	5.7373	1.2209	11.710	3.9045	49.6463	3.90652
11100	-5.6210	-3.4197	5.7394	1.2300	11.819	3.9126	49.4341	3.91465
11200	-5.6010	-3.3948	5.7413	1.2402	11.933	3.9200	49.2154	3.92215
11300	-5.5821	-3.3714	5.7432	1.2510	12.048	3.9269	48.9904	3.92904
11400	-5.5645	-3.3493	5.7450	1.2621	12.165	3.9332	48.7605	3.93539
11500	-5.5480	-3.3283	5.7467	1.2735	12.282	3.9390	48.5258	3.94122
11600	-5.5324	-3.3084	5.7483	1.2855	12.402	3.9443	48.2867	3.94654
11700	-5.5178	-3.2895	5.7498	1.2981	12.524	3.9492	48.0454	3.95140
11800	-5.5041	-3.2716	5.7513	1.3109	12.646	3.9536	47.8005	3.95584
11900	-5.4912	-3.2546	5.7527	1.3235	12.767	3.9576	47.5535	3.95988
12000	-5.4789	-3.2383	5.7541	1.3365	12.889	3.9613	47.3046	3.96354
12100	-5.4674	-3.2228	5.7554	1.3498	13.013	3.9646	47.0547	3.96686
12200	-5.4564	-3.2079	5.7566	1.3628	13.134	3.9676	46.8039	3.96988
12300	-5.4460	-3.1937	5.7579	1.3764	13.258	3.9703	46.5529	3.97261
12400	-5.4362	-3.1800	5.7590	1.3892	13.377	3.9728	46.3020	3.97508
12500	-5.4267	-3.1669	5.7602	1.4013	13.494	3.9750	46.0518	3.97732
12600	-5.4177	-3.1541	5.7613	1.4130	13.607	3.9771	45.8021	3.97935
12700	-5.4090	-3.1418	5.7623	1.4242	13.718	3.9789	45.5538	3.98119

S/R= 113.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-5.4007	-3.1299	5.7634	1.4355	13.830	3.9806	45.3067	3.98285
12900	-5.3926	-3.1183	5.7644	1.4456	13.935	3.9821	45.0614	3.98437
13000	-5.3848	-3.1070	5.7654	1.4559	14.041	3.9835	44.8176	3.98575
13100	-5.3773	-3.0960	5.7664	1.4648	14.140	3.9847	44.5761	3.98700
13200	-5.3700	-3.0853	5.7673	1.4719	14.231	3.9859	44.3365	3.98814
13300	-5.3629	-3.0748	5.7683	1.4794	14.323	3.9869	44.0992	3.98918
13400	-5.3559	-3.0645	5.7692	1.4859	14.410	3.9879	43.8646	3.99014
13500	-5.3491	-3.0543	5.7701	1.4900	14.485	3.9888	43.6325	3.99102
13600	-5.3424	-3.0444	5.7711	1.4955	14.567	3.9896	43.4025	3.99183
13700	-5.3359	-3.0345	5.7720	1.4995	14.641	3.9904	43.1760	3.99260
13800	-5.3294	-3.0248	5.7729	1.5012	14.704	3.9911	42.9520	3.99331
13900	-5.3230	-3.0152	5.7738	1.4313	14.411	3.9918	42.7307	3.99398
14000	-5.3146	-3.0036	5.7748	1.5035	14.824	3.9924	42.5322	3.99459
14100	-5.3104	-2.9963	5.7755	1.6044	15.369	3.9930	42.2975	3.99524
14200	-5.3042	-2.9869	5.7764	1.5013	14.921	3.9936	42.0857	3.99584
14300	-5.2979	-2.9776	5.7773	1.4978	14.957	3.9942	41.8769	3.99643
14400	-5.2917	-2.9682	5.7782	1.4928	14.985	3.9948	41.6717	3.99702
14500	-5.2855	-2.9589	5.7791	1.4895	15.022	3.9954	41.4696	3.99761
14600	-5.2792	-2.9496	5.7800	1.4828	15.041	3.9960	41.2711	3.99822
14700	-5.2729	-2.9402	5.7809	1.4746	15.052	3.9967	41.0762	3.99885
14800	-5.2664	-2.9308	5.7818	1.4672	15.066	3.9973	40.8852	3.99952
14900	-5.2600	-2.9213	5.7828	1.4573	15.067	3.9980	40.6977	4.00022
15000	-5.2534	-2.9117	5.7837	1.4517	15.090	3.9988	40.5145	4.00096

S/R= 114.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8300	-6.9736	-4.9512	5.6387	1.1089	9.133	3.4652	52.4323	3.46566
8400	-6.8973	-4.8666	5.6443	1.1099	9.224	3.4902	52.4816	3.49065
8500	-6.8236	-4.7847	5.6498	1.1119	9.320	3.5146	52.5209	3.51518
8600	-6.7525	-4.7055	5.6551	1.1140	9.416	3.5386	52.5489	3.53922
8700	-6.6840	-4.6291	5.6602	1.1163	9.511	3.5621	52.5659	3.56271
8800	-6.6180	-4.5555	5.6652	1.1185	9.606	3.5849	52.5714	3.58563
8900	-6.5545	-4.4844	5.6701	1.1209	9.701	3.6073	52.5665	3.60802
9000	-6.4935	-4.4158	5.6748	1.1235	9.796	3.6290	52.5498	3.62982
9100	-6.4348	-4.3499	5.6794	1.1262	9.891	3.6501	52.5215	3.65100
9200	-6.3785	-4.2864	5.6838	1.1290	9.985	3.6706	52.4829	3.67158
9300	-6.3246	-4.2254	5.6881	1.1320	10.080	3.6905	52.4328	3.69154
9400	-6.2729	-4.1668	5.6922	1.1353	10.175	3.7098	52.3716	3.71083
9500	-6.2236	-4.1107	5.6962	1.1387	10.270	3.7283	52.2980	3.72944
9600	-6.1764	-4.0569	5.7001	1.1423	10.365	3.7462	52.2141	3.74738
9700	-6.1314	-4.0055	5.7038	1.1462	10.460	3.7634	52.1183	3.76461
9800	-6.0886	-3.9563	5.7073	1.1505	10.556	3.7798	52.0108	3.78111
9900	-6.0480	-3.9095	5.7107	1.1550	10.653	3.7955	51.8923	3.79689
10000	-6.0093	-3.8648	5.7140	1.1598	10.750	3.8105	51.7629	3.81194
10100	-5.9728	-3.8223	5.7172	1.1651	10.849	3.8247	51.6215	3.82623
10200	-5.9382	-3.7819	5.7202	1.1710	10.949	3.8382	51.4706	3.83976
10300	-5.9056	-3.7436	5.7230	1.1769	11.049	3.8509	51.3081	3.85253
10400	-5.8748	-3.7073	5.7258	1.1835	11.151	3.8629	51.1352	3.86455
10500	-5.8459	-3.6729	5.7284	1.1907	11.254	3.8742	50.9533	3.87585
10600	-5.8187	-3.6404	5.7308	1.1983	11.359	3.8847	50.7617	3.88641
10700	-5.7931	-3.6097	5.7332	1.2067	11.467	3.8945	50.5610	3.89624
10800	-5.7692	-3.5807	5.7354	1.2156	11.576	3.9036	50.3514	3.90536
10900	-5.7468	-3.5534	5.7376	1.2254	11.689	3.9120	50.1347	3.91381
11000	-5.7258	-3.5276	5.7396	1.2354	11.802	3.9197	49.9104	3.92160

S/R= 114.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11100	-5.7062	-3.5032	5.7415	1.2456	11.915	3.9269	49.6796	3.92
11200	-5.6878	-3.4803	5.7433	1.2571	12.034	3.9334	49.4431	3.9353+
11300	-5.6707	-3.4585	5.7451	1.2691	12.154	3.9394	49.2013	3.94136
11400	-5.6546	-3.4380	5.7467	1.2812	12.275	3.9449	48.9548	3.94686
11500	-5.6395	-3.4186	5.7483	1.2942	12.399	3.9499	48.7049	3.95186
11600	-5.6253	-3.4002	5.7498	1.3073	12.522	3.9544	48.4525	3.95640
11700	-5.6120	-3.3827	5.7512	1.3209	12.648	3.9585	48.1967	3.96052
11800	-5.5995	-3.3661	5.7526	1.3345	12.773	3.9622	47.9391	3.96425
11900	-5.5877	-3.3503	5.7539	1.3478	12.897	3.9656	47.6802	3.96762
12000	-5.5765	-3.3351	5.7552	1.3619	13.023	3.9686	47.4209	3.97067
12100	-5.5659	-3.3206	5.7564	1.3750	13.145	3.9714	47.1608	3.97342
12200	-5.5559	-3.3067	5.7575	1.3883	13.267	3.9739	46.9008	3.97591
12300	-5.5463	-3.2933	5.7587	1.4020	13.390	3.9761	46.6416	3.97815
12400	-5.5371	-3.2804	5.7598	1.4142	13.506	3.9781	46.3829	3.98017
12500	-5.5284	-3.2680	5.7609	1.4261	13.621	3.9800	46.1255	3.98199
12600	-5.5199	-3.2559	5.7619	1.4366	13.728	3.9816	45.8696	3.98364
12700	-5.5118	-3.2442	5.7629	1.4472	13.836	3.9831	45.6155	3.98513
12800	-5.5039	-3.2328	5.7639	1.4582	13.946	3.9845	45.3633	3.98648
12900	-5.4964	-3.2217	5.7649	1.4670	14.044	3.9857	45.1131	3.98771
13000	-5.4890	-3.2108	5.7659	1.4756	14.142	3.9868	44.8654	3.98882
13100	-5.4818	-3.2002	5.7668	1.4830	14.233	3.9878	44.6198	3.98983
13200	-5.4748	-3.1898	5.7677	1.4891	14.319	3.9887	44.3772	3.99076
13300	-5.4680	-3.1796	5.7687	1.4949	14.402	3.9896	44.1370	3.99160
13400	-5.4613	-3.1695	5.7696	1.4996	14.480	3.9904	43.8996	3.99239
13500	-5.4547	-3.1596	5.7705	1.5025	14.550	3.9911	43.6650	3.99311
13600	-5.4482	-3.1498	5.7714	1.5057	14.620	3.9918	43.4335	3.99379
13700	-5.4417	-3.1402	5.7723	1.5077	14.685	3.9924	43.2048	3.99443
13800	-5.4354	-3.1306	5.7731	1.5078	14.740	3.9931	42.9795	3.99504
13900	-5.4291	-3.1211	5.7740	1.4341	14.429	3.9936	42.7575	3.99562
14000	-5.4207	-3.1096	5.7751	1.5054	14.837	3.9942	42.5580	3.99615
14100	-5.4166	-3.1023	5.7758	1.6056	15.378	3.9948	42.3231	3.99674
14200	-5.4103	-3.0929	5.7767	1.4996	14.916	3.9953	42.1111	3.99730
14300	-5.4041	-3.0835	5.7776	1.4931	14.937	3.9959	41.9025	3.99786
14400	-5.3977	-3.0741	5.7785	1.4860	14.954	3.9965	41.6977	3.99844
14500	-5.3914	-3.0647	5.7794	1.4797	14.975	3.9971	41.4963	3.99903
14600	-5.3850	-3.0552	5.7803	1.4712	14.985	3.9977	41.2993	3.99967
14700	-5.3785	-3.0457	5.7812	1.4610	14.985	3.9984	41.1059	4.00034
14800	-5.3718	-3.0360	5.7822	1.4510	14.986	3.9991	40.9164	4.00106
14900	-5.3651	-3.0263	5.7831	1.4395	14.978	3.9999	40.7316	4.00183
15000	-5.3582	-3.0164	5.7841	1.4327	14.994	4.0008	40.5508	4.00268

S/R= 115.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-6.9413	-4.9068	5.6498	1.1118	9.272	3.5203	53.1573	3.52083
8500	-6.8685	-4.8259	5.6552	1.1128	9.364	3.5447	53.1860	3.54522
8600	-6.7984	-4.7478	5.6604	1.1150	9.459	3.5685	53.2030	3.56910
8700	-6.7309	-4.6724	5.6655	1.1174	9.555	3.5918	53.2093	3.59240
8800	-6.6660	-4.5999	5.6704	1.1199	9.651	3.6144	53.2026	3.61510
8900	-6.6038	-4.5301	5.6752	1.1225	9.747	3.6364	53.1848	3.63716
9000	-6.5439	-4.4629	5.6798	1.1252	9.842	3.6579	53.1552	3.65864
9100	-6.4866	-4.3983	5.6842	1.1281	9.937	3.6786	53.1136	3.67946
9200	-6.4318	-4.3363	5.6886	1.1312	10.033	3.6987	53.0594	3.69960
9300	-6.3793	-4.2769	5.6927	1.1344	10.128	3.7181	52.9937	3.71906
9400	-6.3291	-4.2199	5.6967	1.1380	10.224	3.7368	52.9165	3.73784

S/R= 115.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9500	-6.2814	-4.1655	5.7006	1.1419	10.320	3.7548	52.8262	3.75587
9600	-6.2359	-4.1135	5.7043	1.1459	10.417	3.7720	52.7244	3.77316
9700	-6.1927	-4.0639	5.7078	1.1502	10.513	3.7885	52.6102	3.78970
9800	-6.1518	-4.0167	5.7113	1.1549	10.611	3.8042	52.4839	3.80547
9900	-6.1130	-3.9718	5.7145	1.1602	10.710	3.8192	52.3463	3.82047
10000	-6.0763	-3.9291	5.7176	1.1656	10.809	3.8333	52.1965	3.83468
10100	-6.0417	-3.8887	5.7206	1.1715	10.909	3.8467	52.0355	3.84810
10200	-6.0090	-3.8503	5.7235	1.1781	11.013	3.8593	51.8637	3.86075
10300	-5.9784	-3.8142	5.7262	1.1853	11.117	3.8711	51.6806	3.87259
10400	-5.9497	-3.7800	5.7287	1.1929	11.222	3.8821	51.4871	3.88364
10500	-5.9228	-3.7478	5.7312	1.2011	11.330	3.8924	51.2839	3.89395
10600	-5.8976	-3.7174	5.7335	1.2098	11.439	3.9019	51.0713	3.90351
10700	-5.8740	-3.6888	5.7357	1.2192	11.550	3.9107	50.8504	3.91235
10800	-5.8520	-3.6618	5.7378	1.2292	11.664	3.9189	50.6213	3.92051
10900	-5.8314	-3.6364	5.7397	1.2404	11.782	3.9263	50.3853	3.92801
11000	-5.8122	-3.6125	5.7416	1.2518	11.901	3.9331	50.1428	3.93486
11100	-5.7943	-3.5900	5.7434	1.2636	12.020	3.9394	49.8939	3.94111
11200	-5.7776	-3.5687	5.7451	1.2767	12.146	3.9450	49.6406	3.94680
11300	-5.7620	-3.5487	5.7467	1.2898	12.270	3.9502	49.3830	3.95195
11400	-5.7473	-3.5297	5.7482	1.3029	12.394	3.9549	49.1212	3.95663
11500	-5.7336	-3.5117	5.7496	1.3171	12.522	3.9591	48.8576	3.96087
11600	-5.7207	-3.4947	5.7510	1.3310	12.649	3.9629	48.5914	3.96469
11700	-5.7086	-3.4784	5.7523	1.3457	12.779	3.9663	48.3238	3.96814
11800	-5.6972	-3.4629	5.7536	1.3599	12.906	3.9694	48.0549	3.97125
11900	-5.6863	-3.4481	5.7548	1.3728	13.027	3.9722	47.7856	3.97404
12000	-5.6760	-3.4340	5.7560	1.3872	13.154	3.9747	47.5167	3.97654
12100	-5.6663	-3.4204	5.7572	1.4011	13.278	3.9770	47.2477	3.97880
12200	-5.6570	-3.4072	5.7583	1.4138	13.397	3.9790	46.9801	3.98083
12300	-5.6481	-3.3946	5.7593	1.4267	13.516	3.9808	46.7136	3.98265
12400	-5.6395	-3.3824	5.7604	1.4382	13.628	3.9825	46.4488	3.98429
12500	-5.6313	-3.3705	5.7614	1.4493	13.738	3.9840	46.1857	3.98577
12600	-5.6234	-3.3590	5.7624	1.4592	13.842	3.9853	45.9247	3.98710
12700	-5.6157	-3.3477	5.7634	1.4691	13.946	3.9865	45.6654	3.98830
12800	-5.6083	-3.3367	5.7644	1.4785	14.048	3.9876	45.4091	3.98939
12900	-5.6010	-3.3260	5.7653	1.4854	14.137	3.9886	45.1551	3.99038
13000	-5.5940	-3.3155	5.7662	1.4927	14.228	3.9895	44.9041	3.99127
13100	-5.5871	-3.3052	5.7671	1.4982	14.311	3.9903	44.6554	3.99209
13200	-5.5803	-3.2951	5.7681	1.5027	14.388	3.9911	44.4102	3.99286
13300	-5.5737	-3.2851	5.7690	1.5070	14.464	3.9918	44.1676	3.99355
13400	-5.5672	-3.2752	5.7699	1.5101	14.535	3.9924	43.9285	3.99420
13500	-5.5607	-3.2655	5.7707	1.5113	14.596	3.9930	43.6922	3.99481
13600	-5.5543	-3.2558	5.7716	1.5118	14.653	3.9936	43.4594	3.99538
13700	-5.5480	-3.2462	5.7725	1.5116	14.707	3.9942	43.2298	3.99593
13800	-5.5417	-3.2367	5.7734	1.5100	14.754	3.9947	43.0037	3.99647
13900	-5.5354	-3.2273	5.7743	1.4342	14.432	3.9953	42.7812	3.99700
14000	-5.5270	-3.2157	5.7754	1.5035	14.830	3.9958	42.5816	3.99750
14100	-5.5229	-3.2084	5.7760	1.5995	15.352	3.9963	42.3468	3.99805
14200	-5.5166	-3.1989	5.7769	1.4925	14.883	3.9969	42.1349	3.99860
14300	-5.5102	-3.1895	5.7778	1.4842	14.895	3.9974	41.9271	3.99916
14400	-5.5037	-3.1799	5.7787	1.4749	14.901	3.9980	41.7236	3.99977
14500	-5.4972	-3.1703	5.7797	1.4661	14.909	3.9987	41.5239	4.00040
14600	-5.4906	-3.1607	5.7806	1.4554	14.907	3.9994	41.3285	4.00108
14700	-5.4838	-3.1508	5.7816	1.4430	14.896	4.0001	41.1373	4.00183
14800	-5.4769	-3.1408	5.7825	1.4310	14.886	4.0009	40.9509	4.00265
14900	-5.4698	-3.1307	5.7835	1.4180	14.869	4.0018	40.7694	4.00354

S/R= 115.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
15000	-5.4624	-3.1204	5.7845	1.4107	14.883	4.0028	40.5924	4.00453

S/R= 116.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8400	-6.9859	-4.9478	5.6553	1.1128	9.315	3.5501	53.8234	3.55062
8500	-6.9143	-4.8680	5.6605	1.1138	9.407	3.5743	53.8406	3.57480
8600	-6.8452	-4.7911	5.6657	1.1161	9.503	3.5979	53.8459	3.59845
8700	-6.7789	-4.7169	5.6706	1.1186	9.599	3.6209	53.8398	3.62151
8800	-6.7152	-4.6456	5.6754	1.1213	9.696	3.6433	53.8209	3.64392
8900	-6.6542	-4.5772	5.6801	1.1241	9.792	3.6649	53.7889	3.66565
9000	-6.5959	-4.5115	5.6846	1.1271	9.888	3.6859	53.7442	3.68669
9100	-6.5399	-4.4484	5.6889	1.1302	9.984	3.7063	53.6876	3.70708
9200	-6.4866	-4.3880	5.6931	1.1337	10.081	3.7259	53.6176	3.72672
9300	-6.4358	-4.3303	5.6971	1.1373	10.177	3.7447	53.5349	3.74563
9400	-6.3873	-4.2751	5.7010	1.1411	10.274	3.7628	53.4398	3.76377
9500	-6.3413	-4.2225	5.7047	1.1455	10.372	3.7801	53.3313	3.78115
9600	-6.2977	-4.1724	5.7083	1.1500	10.469	3.7966	53.2107	3.79772
9700	-6.2564	-4.1249	5.7117	1.1548	10.568	3.8124	53.0769	3.81349
9800	-6.2174	-4.0797	5.7149	1.1602	10.667	3.8273	52.9301	3.82845
9900	-6.1806	-4.0369	5.7180	1.1662	10.769	3.8414	52.7719	3.84259
10000	-6.1459	-3.9964	5.7210	1.1725	10.871	3.8546	52.6011	3.85589
10100	-6.1134	-3.9581	5.7238	1.1792	10.974	3.8671	52.4183	3.86835
10200	-6.0829	-3.9220	5.7265	1.1869	11.081	3.8787	52.2247	3.88002
10300	-6.0544	-3.8880	5.7290	1.1949	11.188	3.8895	52.0202	3.89088
10400	-6.0277	-3.8560	5.7314	1.2035	11.297	3.8995	51.8060	3.90096
10500	-6.0028	-3.8259	5.7337	1.2133	11.411	3.9088	51.5818	3.91028
10600	-5.9796	-3.7977	5.7358	1.2233	11.525	3.9174	51.3487	3.91883
10700	-5.9579	-3.7711	5.7379	1.2339	11.641	3.9252	51.1072	3.92667
10800	-5.9378	-3.7461	5.7398	1.2456	11.761	3.9323	50.8591	3.93385
10900	-5.9191	-3.7227	5.7416	1.2582	11.885	3.9388	50.6042	3.94038
11000	-5.9016	-3.7006	5.7433	1.2708	12.008	3.9448	50.3441	3.94632
11100	-5.8853	-3.6798	5.7450	1.2838	12.133	3.9501	50.0783	3.95170
11200	-5.8701	-3.6601	5.7465	1.2980	12.262	3.9550	49.8095	3.95656
11300	-5.8559	-3.6416	5.7480	1.3124	12.391	3.9593	49.5370	3.96094
11400	-5.8426	-3.6240	5.7494	1.3265	12.519	3.9633	49.2621	3.96488
11500	-5.8300	-3.6073	5.7508	1.3415	12.650	3.9668	48.9852	3.96842
11600	-5.8183	-3.5915	5.7521	1.3566	12.781	3.9700	48.7076	3.97161
11700	-5.8072	-3.5763	5.7533	1.3712	12.910	3.9728	48.4287	3.97445
11800	-5.7967	-3.5618	5.7545	1.3860	13.039	3.9754	48.1504	3.97701
11900	-5.7867	-3.5480	5.7556	1.3990	13.159	3.9777	47.8722	3.97930
12000	-5.7772	-3.5346	5.7567	1.4124	13.281	3.9797	47.5951	3.98134
12100	-5.7682	-3.5217	5.7578	1.4264	13.405	3.9816	47.3189	3.98317
12200	-5.7595	-3.5093	5.7589	1.4385	13.520	3.9832	47.0446	3.98482
12300	-5.7512	-3.4973	5.7599	1.4501	13.633	3.9847	46.7722	3.98629
12400	-5.7431	-3.4856	5.7609	1.4607	13.740	3.9860	46.5019	3.98762
12500	-5.7354	-3.4742	5.7619	1.4704	13.843	3.9872	46.2340	3.98881
12600	-5.7278	-3.4631	5.7628	1.4795	13.943	3.9883	45.9687	3.98988
12700	-5.7205	-3.4522	5.7638	1.4877	14.039	3.9892	45.7057	3.99085
12800	-5.7134	-3.4416	5.7647	1.4951	14.131	3.9901	45.4460	3.99173
12900	-5.7064	-3.4312	5.7656	1.5009	14.215	3.9909	45.1889	3.99253
13000	-5.6996	-3.4209	5.7665	1.5069	14.300	3.9917	44.9353	3.99326
13100	-5.6929	-3.4108	5.7674	1.5109	14.375	3.9923	44.6846	3.99392
13200	-5.6864	-3.4009	5.7683	1.5134	14.443	3.9930	44.4370	3.99455
13300	-5.6799	-3.3911	5.7692	1.5154	14.508	3.9936	44.1931	3.99513

S/R= 116.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13400	-5.6735	-3.3813	5.7701	1.5169	14.570	3.9941	43.9525	3.99568
13500	-5.6671	-3.3717	5.7710	1.5165	14.624	3.9946	43.7151	3.99621
13600	-5.6608	-3.3621	5.7718	1.5145	14.669	3.9951	43.4816	3.99671
13700	-5.6545	-3.3526	5.7727	1.5120	14.712	3.9957	43.2515	3.99720
13800	-5.6482	-3.3431	5.7736	1.5077	14.745	3.9962	43.0254	3.99770
13900	-5.6419	-3.3336	5.7745	1.4310	14.418	3.9967	42.8030	3.99821
14000	-5.6334	-3.3219	5.7756	1.4975	14.803	3.9972	42.6039	3.99869
14100	-5.6292	-3.3145	5.7763	1.5867	15.293	3.9977	42.3699	3.99925
14200	-5.6227	-3.3050	5.7772	1.4812	14.829	3.9983	42.1595	3.99982
14300	-5.6162	-3.2953	5.7781	1.4706	14.829	3.9989	41.9531	4.00042
14400	-5.6095	-3.2855	5.7790	1.4590	14.823	3.9996	41.7513	4.00108
14500	-5.6027	-3.2757	5.7800	1.4483	14.822	4.0003	41.5540	4.00178
14600	-5.5958	-3.2657	5.7809	1.4360	14.811	4.0010	41.3611	4.00257
14700	-5.5887	-3.2555	5.7819	1.4209	14.785	4.0019	41.1733	4.00343
14800	-5.5813	-3.2451	5.7829	1.4068	14.763	4.0029	40.9907	4.00438
14900	-5.5737	-3.2344	5.7840	1.3933	14.743	4.0039	40.8132	4.00544
15000	-5.5659	-3.2236	5.7851	1.3861	14.756	4.0051	40.6413	4.00662

S/R= 117.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8500	-6.9609	-4.9112	5.6657	1.1162	9.455	3.6034	54.4842	3.60388
8600	-6.8931	-4.8355	5.6707	1.1174	9.547	3.6267	54.4767	3.62724
8700	-6.8281	-4.7627	5.6756	1.1201	9.643	3.6494	54.4566	3.64997
8800	-6.7657	-4.6928	5.6803	1.1230	9.740	3.6714	54.4236	3.67203
8900	-6.7061	-4.6258	5.6848	1.1261	9.837	3.6927	54.3767	3.69336
9000	-6.6493	-4.5617	5.6892	1.1293	9.934	3.7132	54.3164	3.71394
9100	-6.5950	-4.5003	5.6934	1.1328	10.031	3.7330	54.2426	3.73377
9200	-6.5433	-4.4417	5.6974	1.1365	10.128	3.7520	54.1556	3.75285
9300	-6.4943	-4.3858	5.7013	1.1405	10.226	3.7702	54.0547	3.77112
9400	-6.4477	-4.3326	5.7050	1.1449	10.324	3.7876	53.9398	3.78856
9500	-6.4036	-4.2820	5.7086	1.1497	10.424	3.8042	53.8125	3.80519
9600	-6.3619	-4.2340	5.7120	1.1548	10.523	3.8200	53.6704	3.82097
9700	-6.3227	-4.1886	5.7153	1.1604	10.624	3.8348	53.5158	3.83587
9800	-6.2858	-4.1456	5.7183	1.1665	10.727	3.8488	53.3479	3.84993
9900	-6.2511	-4.1050	5.7213	1.1732	10.830	3.8620	53.1675	3.86312
10000	-6.2185	-4.0667	5.7241	1.1804	10.936	3.8743	52.9749	3.87548
10100	-6.1882	-4.0308	5.7267	1.1883	11.043	3.8857	52.7703	3.88696
10200	-6.1598	-3.9969	5.7292	1.1972	11.155	3.8963	52.5542	3.89760
10300	-6.1334	-3.9652	5.7316	1.2064	11.266	3.9061	52.3276	3.90742
10400	-6.1088	-3.9354	5.7338	1.2164	11.380	3.9152	52.0914	3.91646
10500	-6.0860	-3.9075	5.7359	1.2274	11.499	3.9234	51.8463	3.92475
10600	-6.0647	-3.8813	5.7379	1.2386	11.617	3.9310	51.5931	3.93231
10700	-6.0450	-3.8567	5.7398	1.2506	11.738	3.9378	51.3323	3.93920
10800	-6.0266	-3.8336	5.7416	1.2640	11.866	3.9440	51.0654	3.94544
10900	-6.0095	-3.8120	5.7432	1.2782	11.996	3.9497	50.7935	3.95107
11000	-5.9937	-3.7916	5.7448	1.2921	12.124	3.9547	50.5160	3.95615
11100	-5.9789	-3.7724	5.7463	1.3066	12.254	3.9593	50.2349	3.96071
11200	-5.9651	-3.7542	5.7478	1.3216	12.386	3.9634	49.9517	3.96480
11300	-5.9522	-3.7370	5.7491	1.3370	12.519	3.9670	49.6659	3.96847
11400	-5.9400	-3.7207	5.7504	1.3521	12.651	3.9703	49.3790	3.97175
11500	-5.9286	-3.7051	5.7517	1.3672	12.781	3.9732	49.0909	3.97468
11600	-5.9178	-3.6903	5.7529	1.3824	12.912	3.9758	48.8028	3.97730
11700	-5.9076	-3.6761	5.7541	1.3970	13.040	3.9782	48.5150	3.97963
11800	-5.8979	-3.6625	5.7552	1.4115	13.167	3.9803	48.2282	3.98171

S/R= 117.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11900	-5.8887	-3.6494	5.7563	1.4243	13.285	3.9821	47.9423	3.98357
12000	-5.8798	-3.6367	5.7573	1.4370	13.403	3.9838	47.6585	3.98522
12100	-5.8713	-3.6245	5.7583	1.4504	13.524	3.9853	47.3764	3.98670
12200	-5.8632	-3.6126	5.7594	1.4619	13.636	3.9866	47.0966	3.98803
12300	-5.8553	-3.6011	5.7603	1.4720	13.740	3.9878	46.8194	3.98922
12400	-5.8477	-3.5898	5.7613	1.4809	13.840	3.9888	46.5445	3.99028
12500	-5.8403	-3.5788	5.7622	1.4894	13.937	3.9898	46.2727	3.99124
12600	-5.8331	-3.5681	5.7632	1.4971	14.030	3.9907	46.0040	3.99209
12700	-5.8261	-3.5575	5.7641	1.5038	14.119	3.9915	45.7383	3.99288
12800	-5.8192	-3.5472	5.7650	1.5090	14.200	3.9922	45.4760	3.99360
12900	-5.8124	-3.5370	5.7659	1.5132	14.276	3.9928	45.2169	3.99424
13000	-5.8058	-3.5269	5.7668	1.5177	14.354	3.9934	44.9609	3.99485
13100	-5.7993	-3.5170	5.7677	1.5197	14.420	3.9940	44.7088	3.99540
13200	-5.7928	-3.5072	5.7685	1.5204	14.479	3.9945	44.4598	3.99592
13300	-5.7864	-3.4974	5.7694	1.5204	14.534	3.9950	44.2149	3.99643
13400	-5.7801	-3.4878	5.7703	1.5192	14.584	3.9955	43.9735	3.99691
13500	-5.7737	-3.4782	5.7712	1.5173	14.630	3.9960	43.7358	3.99738
13600	-5.7674	-3.4686	5.7720	1.5136	14.667	3.9965	43.5020	3.99784
13700	-5.7611	-3.4590	5.7729	1.5083	14.696	3.9969	43.2719	3.99831
13800	-5.7547	-3.4495	5.7738	1.5019	14.719	3.9974	43.0460	3.99880
13900	-5.7483	-3.4399	5.7747	1.4250	14.390	3.9979	42.8243	3.99931
14000	-5.7398	-3.4281	5.7758	1.4865	14.751	3.9984	42.6263	3.99981
14100	-5.7353	-3.4206	5.7765	1.5672	15.202	3.9990	42.3937	4.00041
14200	-5.7287	-3.4108	5.7774	1.4654	14.753	3.9997	42.1849	4.00102
14300	-5.7219	-3.4009	5.7784	1.4534	14.745	4.0003	41.9808	4.00169
14400	-5.7149	-3.3908	5.7793	1.4398	14.728	4.0011	41.7815	4.00244
14500	-5.7078	-3.3806	5.7803	1.4265	14.713	4.0019	41.5875	4.00326
14600	-5.7005	-3.3701	5.7813	1.4122	14.691	4.0028	41.3985	4.00418
14700	-5.6928	-3.3594	5.7824	1.3960	14.658	4.0039	41.2151	4.00521
14800	-5.6849	-3.3485	5.7834	1.3810	14.631	4.0050	41.0373	4.00635
14900	-5.6768	-3.3372	5.7845	1.3661	14.603	4.0063	40.8652	4.00762
15000	-5.6682	-3.3256	5.7857	1.3585	14.614	4.0077	40.6995	4.00905

S/R= 118.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-6.9422	-4.8812	5.6756	1.1204	9.596	3.6549	55.0932	3.65541
8700	-6.8786	-4.8099	5.6803	1.1218	9.688	3.6772	55.0582	3.67774
8800	-6.8177	-4.7416	5.6849	1.1249	9.785	3.6987	55.0098	3.69937
8900	-6.7597	-4.6762	5.6893	1.1282	9.883	3.7196	54.9466	3.72022
9000	-6.7045	-4.6138	5.6936	1.1319	9.981	3.7396	54.8689	3.74027
9100	-6.6520	-4.5543	5.6976	1.1358	10.079	3.7587	54.7777	3.75949
9200	-6.6021	-4.4976	5.7015	1.1398	10.177	3.7771	54.6708	3.77789
9300	-6.5550	-4.4437	5.7053	1.1443	10.276	3.7946	54.5502	3.79544
9400	-6.5104	-4.3926	5.7088	1.1494	10.377	3.8112	54.4151	3.81211
9500	-6.4684	-4.3442	5.7123	1.1546	10.477	3.8270	54.2661	3.82789
9600	-6.4288	-4.2984	5.7155	1.1604	10.579	3.8418	54.1029	3.84278
9700	-6.3917	-4.2552	5.7186	1.1670	10.683	3.8558	53.9252	3.85678
9800	-6.3570	-4.2146	5.7215	1.1741	10.789	3.8688	53.7353	3.86986
9900	-6.3245	-4.1763	5.7242	1.1817	10.896	3.8810	53.5314	3.88204
10000	-6.2942	-4.1404	5.7269	1.1900	11.006	3.8923	53.3154	3.89335
10100	-6.2661	-4.1068	5.7293	1.1990	11.117	3.9027	53.0887	3.90378
10200	-6.2399	-4.0752	5.7317	1.2091	11.233	3.9122	52.8505	3.91340
10300	-6.2156	-4.0457	5.7338	1.2197	11.350	3.9210	52.6022	3.92220
10400	-6.1930	-4.0181	5.7359	1.2312	11.470	3.9290	52.3447	3.93021

S/R= 118.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10500	-6.1722	-3.9923	5.7379	1.2440	11.595	3.9363	52.0790	3.93749
10600	-6.1528	-3.9681	5.7397	1.2568	11.720	3.9428	51.8057	3.94407
10700	-6.1349	-3.9454	5.7414	1.2701	11.846	3.9488	51.5269	3.95001
10800	-6.1182	-3.9242	5.7431	1.2848	11.978	3.9541	51.2424	3.95536
10900	-6.1029	-3.9042	5.7446	1.3003	12.113	3.9589	50.9538	3.96014
11000	-6.0884	-3.8853	5.7461	1.3157	12.247	3.9632	50.6613	3.96443
11100	-6.0749	-3.8675	5.7475	1.3309	12.379	3.9670	50.3668	3.96826
11200	-6.0623	-3.8507	5.7488	1.3466	12.514	3.9704	50.0706	3.97167
11300	-6.0505	-3.8347	5.7501	1.3630	12.651	3.9734	49.7731	3.97471
11400	-6.0394	-3.8195	5.7513	1.3786	12.783	3.9761	49.4749	3.97741
11500	-6.0289	-3.8049	5.7525	1.3935	12.912	3.9785	49.1775	3.97980
11600	-6.0190	-3.7910	5.7536	1.4087	13.042	3.9806	48.8808	3.98194
11700	-6.0095	-3.7776	5.7547	1.4229	13.167	3.9825	48.5851	3.98383
11800	-6.0005	-3.7647	5.7558	1.4363	13.289	3.9842	48.2913	3.98551
11900	-5.9919	-3.7522	5.7568	1.4483	13.403	3.9857	47.9993	3.98701
12000	-5.9835	-3.7401	5.7578	1.4603	13.517	3.9871	47.7097	3.98834
12100	-5.9755	-3.7284	5.7588	1.4724	13.631	3.9883	47.4229	3.98953
12200	-5.9678	-3.7169	5.7597	1.4824	13.735	3.9893	47.1385	3.99060
12300	-5.9603	-3.7058	5.7607	1.4906	13.832	3.9903	46.8574	3.99156
12400	-5.9530	-3.6949	5.7616	1.4986	13.926	3.9911	46.5791	3.99241
12500	-5.9459	-3.6842	5.7625	1.5060	14.018	3.9919	46.3042	3.99318
12600	-5.9390	-3.6737	5.7634	1.5113	14.100	3.9926	46.0326	3.99387
12700	-5.9322	-3.6634	5.7643	1.5164	14.181	3.9932	45.7648	3.99451
12800	-5.9255	-3.6533	5.7652	1.5201	14.255	3.9938	45.5002	3.99510
12900	-5.9189	-3.6432	5.7661	1.5226	14.323	3.9944	45.2395	3.99563
13000	-5.9124	-3.6333	5.7670	1.5250	14.391	3.9949	44.9822	3.99614
13100	-5.9059	-3.6235	5.7679	1.5251	14.448	3.9954	44.7290	3.99661
13200	-5.8995	-3.6138	5.7687	1.5238	14.497	3.9958	44.4794	3.99707
13300	-5.8932	-3.6041	5.7696	1.5216	14.542	3.9963	44.2336	3.99751
13400	-5.8868	-3.5944	5.7705	1.5181	14.581	3.9967	43.9920	3.99796
13500	-5.8805	-3.5848	5.7714	1.5144	14.618	3.9972	43.7544	3.99839
13600	-5.8741	-3.5752	5.7722	1.5083	14.644	3.9976	43.5208	3.99885
13700	-5.8677	-3.5655	5.7731	1.5002	14.659	3.9981	43.2916	3.99932
13800	-5.8612	-3.5558	5.7740	1.4918	14.672	3.9986	43.0668	3.99982
13900	-5.8547	-3.5461	5.7749	1.4156	14.345	3.9991	42.8464	4.00036
14000	-5.8459	-3.5342	5.7760	1.4714	14.679	3.9997	42.6499	4.00092
14100	-5.8413	-3.5263	5.7768	1.5423	15.083	4.0004	42.4196	4.00158
14200	-5.8343	-3.5162	5.7777	1.4459	14.657	4.0011	42.2134	4.00229
14300	-5.8272	-3.5060	5.7787	1.4323	14.640	4.0019	42.0127	4.00306
14400	-5.8198	-3.4955	5.7797	1.4166	14.612	4.0027	41.8171	4.00394
14500	-5.8122	-3.4848	5.7807	1.4017	14.588	4.0037	41.6271	4.00492
14600	-5.8043	-3.4738	5.7818	1.3857	14.556	4.0048	41.4430	4.00603
14700	-5.7961	-3.4625	5.7829	1.3688	14.518	4.0061	41.2650	4.00726
14800	-5.7876	-3.4508	5.7840	1.3538	14.490	4.0074	41.0931	4.00864
14900	-5.7786	-3.4388	5.7852	1.3381	14.458	4.0090	40.9280	4.01019
15000	-5.7693	-3.4264	5.7864	1.3301	14.466	4.0107	40.7699	4.01192

S/R= 119.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8600	-6.9925	-4.9283	5.6803	1.1223	9.640	3.6824	55.6954	3.68293
8700	-6.9705	-4.8587	5.6849	1.1238	9.732	3.7042	55.6435	3.70476
8800	-6.9714	-4.7921	5.6894	1.1271	9.830	3.7253	55.5778	3.72587
8900	-6.8150	-4.7285	5.6937	1.1308	9.928	3.7455	55.4969	3.74615
9000	-6.7616	-4.6680	5.6978	1.1348	10.027	3.7649	55.4009	3.76558

S/R= 119.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	-6.7110	-4.6105	5.7017	1.1392	10.127	3.7834	55.2893	3.78413
9200	-6.6632	-4.5559	5.7054	1.1438	10.227	3.8010	55.1623	3.80177
9300	-6.6181	-4.5042	5.7090	1.1488	10.327	3.8177	55.0208	3.81851
9400	-6.5756	-4.4553	5.7124	1.1545	10.430	3.8335	54.8634	3.83431
9500	-6.5358	-4.4092	5.7156	1.1607	10.534	3.8483	54.6912	3.84917
9600	-6.4985	-4.3658	5.7187	1.1673	10.639	3.8622	54.5047	3.86309
9700	-6.4637	-4.3250	5.7216	1.1746	10.745	3.8751	54.3044	3.87608
9800	-6.4312	-4.2868	5.7243	1.1828	10.855	3.8872	54.0905	3.88814
9900	-6.4010	-4.2509	5.7269	1.1917	10.967	3.8983	53.8639	3.89930
10000	-6.3730	-4.2174	5.7294	1.2015	11.081	3.9085	53.6246	3.90953
10100	-6.3471	-4.1861	5.7317	1.2119	11.198	3.9178	53.3743	3.91888
10200	-6.3231	-4.1569	5.7338	1.2233	11.319	3.9264	53.1137	3.92743
10300	-6.3009	-4.1296	5.7358	1.2354	11.441	3.9341	52.8439	3.93518
10400	-6.2804	-4.1041	5.7377	1.2483	11.567	3.9411	52.5658	3.94219
10500	-6.2614	-4.0803	5.7395	1.2625	11.698	3.9474	52.2802	3.94851
10600	-6.2438	-4.0580	5.7412	1.2770	11.829	3.9530	51.9887	3.95417
10700	-6.2275	-4.0371	5.7428	1.2919	11.962	3.9581	51.6921	3.95924
10800	-6.2124	-4.0174	5.7443	1.3079	12.098	3.9626	51.3919	3.96376
10900	-6.1984	-3.9990	5.7457	1.3247	12.238	3.9666	51.0883	3.96778
11000	-6.1853	-3.9815	5.7471	1.3411	12.375	3.9702	50.7827	3.97135
11100	-6.1731	-3.9650	5.7484	1.3567	12.509	3.9734	50.4762	3.97452
11200	-6.1616	-3.9493	5.7496	1.3729	12.644	3.9762	50.1681	3.97733
11300	-6.1507	-3.9343	5.7508	1.3898	12.782	3.9787	49.8606	3.97982
11400	-6.1405	-3.9200	5.7520	1.4047	12.911	3.9809	49.5536	3.98202
11500	-6.1308	-3.9063	5.7531	1.4192	13.038	3.9828	49.2479	3.98397
11600	-6.1215	-3.8931	5.7542	1.4344	13.167	3.9845	48.9438	3.98570
11700	-6.1127	-3.8804	5.7552	1.4474	13.286	3.9861	48.6420	3.98723
11800	-6.1043	-3.8681	5.7562	1.4596	13.401	3.9874	48.3421	3.98858
11900	-6.0961	-3.8561	5.7572	1.4710	13.512	3.9886	48.0450	3.98978
12000	-6.0882	-3.8445	5.7582	1.4814	13.619	3.9897	47.7509	3.99085
12100	-6.0806	-3.8332	5.7591	1.4916	13.724	3.9907	47.4598	3.99180
12200	-6.0732	-3.8221	5.7600	1.5004	13.823	3.9915	47.1720	3.99266
12300	-6.0660	-3.8113	5.7610	1.5075	13.913	3.9923	46.8877	3.99342
12400	-6.0590	-3.8007	5.7619	1.5136	13.999	3.9930	46.6068	3.99411
12500	-6.0521	-3.7902	5.7628	1.5191	14.082	3.9936	46.3297	3.99473
12600	-6.0454	-3.7800	5.7637	1.5224	14.155	3.9942	46.0560	3.99530
12700	-6.0387	-3.7698	5.7645	1.5264	14.230	3.9947	45.7865	3.99582
12800	-6.0321	-3.7598	5.7654	1.5284	14.297	3.9952	45.5206	3.99631
12900	-6.0256	-3.7499	5.7663	1.5283	14.353	3.9957	45.2585	3.99676
13000	-6.0192	-3.7400	5.7672	1.5287	14.411	3.9961	45.0004	3.99719
13100	-6.0128	-3.7303	5.7680	1.5267	14.457	3.9965	44.7467	3.99762
13200	-6.0065	-3.7206	5.7689	1.5233	14.497	3.9969	44.4968	3.99803
13300	-6.0001	-3.7109	5.7698	1.5192	14.533	3.9974	44.2512	3.99845
13400	-5.9937	-3.7012	5.7707	1.5135	14.561	3.9978	44.0097	3.99888
13500	-5.9873	-3.6915	5.7715	1.5064	14.582	3.9982	43.7727	3.99931
13600	-5.9808	-3.6817	5.7724	1.4981	14.596	3.9987	43.5401	3.99978
13700	-5.9742	-3.6719	5.7733	1.4882	14.602	3.9992	43.3120	4.00029
13800	-5.9674	-3.6621	5.7742	1.4777	14.605	3.9998	43.0887	4.00082
13900	-5.9608	-3.6521	5.7752	1.4034	14.285	4.0004	42.8701	4.00142
14000	-5.9518	-3.6399	5.7763	1.4525	14.586	4.0010	42.6764	4.00207
14100	-5.9468	-3.6317	5.7771	1.5131	14.942	4.0018	42.4491	4.00283
14200	-5.9394	-3.6212	5.7781	1.4229	14.543	4.0026	42.2464	4.00367
14300	-5.9318	-3.6105	5.7791	1.4074	14.515	4.0035	42.0497	4.00460
14400	-5.9240	-3.5994	5.7802	1.3904	14.480	4.0046	41.8588	4.00565
14500	-5.9158	-3.5881	5.7812	1.3748	14.450	4.0058	41.6739	4.00684

S/R= 119.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	-5.9072	-3.5765	5.7824	1.3581	14.414	4.0071	41.4960	4.00818
14700	-5.8983	-3.5644	5.7835	1.3407	14.373	4.0086	41.3247	4.00968
14800	-5.8889	-3.5519	5.7847	1.3256	14.344	4.0103	41.1606	4.01136
14900	-5.8791	-3.5389	5.7860	1.3101	14.311	4.0122	41.0042	4.01325
15000	-5.8687	-3.5254	5.7873	1.3019	14.318	4.0143	40.8546	4.01534

S/R= 120.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8700	-6.9841	-4.9092	5.6893	1.1280	9.784	3.7304	56.2110	3.73098
8800	-6.9268	-4.8446	5.6937	1.1298	9.875	3.7509	56.1266	3.75146
8900	-6.8724	-4.7830	5.6978	1.1338	9.975	3.7705	56.0259	3.77108
9000	-6.8209	-4.7245	5.7017	1.1382	10.075	3.7892	55.9098	3.78981
9100	-6.7723	-4.6691	5.7055	1.1431	10.176	3.8069	55.7767	3.80758
9200	-6.7266	-4.6168	5.7091	1.1485	10.279	3.8237	55.6278	3.82438
9300	-6.6838	-4.5674	5.7125	1.1541	10.381	3.8395	55.4631	3.84021
9400	-6.6436	-4.5209	5.7157	1.1605	10.486	3.8543	55.2822	3.85507
9500	-6.6061	-4.4772	5.7188	1.1676	10.593	3.8681	55.0870	3.86896
9600	-6.5711	-4.4363	5.7217	1.1753	10.701	3.8810	54.8761	3.88184
9700	-6.5387	-4.3981	5.7244	1.1839	10.812	3.8929	54.6510	3.89375
9800	-6.5086	-4.3623	5.7269	1.1934	10.927	3.9038	54.4127	3.90472
9900	-6.4808	-4.3289	5.7293	1.2034	11.043	3.9139	54.1620	3.91478
10000	-6.4550	-4.2978	5.7316	1.2144	11.162	3.9230	53.8994	3.92394
10100	-6.4313	-4.2688	5.7337	1.2266	11.285	3.9313	53.6265	3.93224
10200	-6.4093	-4.2418	5.7357	1.2396	11.412	3.9388	53.3447	3.93976
10300	-6.3892	-4.2167	5.7376	1.2535	11.542	3.9455	53.0541	3.94650
10400	-6.3706	-4.1932	5.7393	1.2683	11.675	3.9515	52.7564	3.95253
10500	-6.3534	-4.1712	5.7410	1.2839	11.811	3.9569	52.4524	3.95793
10600	-6.3375	-4.1507	5.7425	1.2997	11.947	3.9617	52.1441	3.96273
10700	-6.3227	-4.1314	5.7440	1.3159	12.084	3.9660	51.8321	3.96700
10800	-6.3090	-4.1132	5.7454	1.3329	12.225	3.9697	51.5175	3.97078
10900	-6.2962	-4.0961	5.7467	1.3503	12.366	3.9731	51.2008	3.97412
11000	-6.2843	-4.0798	5.7480	1.3671	12.504	3.9760	50.8835	3.97707
11100	-6.2731	-4.0644	5.7492	1.3833	12.639	3.9786	50.5652	3.97966
11200	-6.2625	-4.0497	5.7503	1.3995	12.774	3.9809	50.2481	3.98196
11300	-6.2525	-4.0356	5.7515	1.4160	12.909	3.9830	49.9321	3.98398
11400	-6.2430	-4.0221	5.7525	1.4302	13.034	3.9847	49.6174	3.98576
11500	-6.2339	-4.0091	5.7536	1.4445	13.159	3.9863	49.3048	3.98733
11600	-6.2253	-3.9965	5.7546	1.4587	13.283	3.9877	48.9948	3.98871
11700	-6.2170	-3.9843	5.7556	1.4702	13.395	3.9889	48.6876	3.98994
11800	-6.2090	-3.9725	5.7566	1.4811	13.504	3.9900	48.3829	3.99103
11900	-6.2012	-3.9610	5.7575	1.4913	13.609	3.9910	48.0817	3.99199
12000	-6.1937	-3.9497	5.7585	1.5000	13.707	3.9918	47.7842	3.99284
12100	-6.1864	-3.9388	5.7594	1.5077	13.801	3.9926	47.4896	3.99360
12200	-6.1793	-3.9280	5.7603	1.5151	13.893	3.9933	47.1992	3.99429
12300	-6.1723	-3.9174	5.7612	1.5215	13.980	3.9939	46.9123	3.99490
12400	-6.1655	-3.9070	5.7621	1.5251	14.055	3.9945	46.6294	3.99547
12500	-6.1587	-3.8967	5.7630	1.5285	14.128	3.9950	46.3505	3.99597
12600	-6.1521	-3.8866	5.7638	1.5312	14.198	3.9955	46.0754	3.99645
12700	-6.1456	-3.8765	5.7647	1.5324	14.260	3.9959	45.8043	3.99688
12800	-6.1391	-3.8666	5.7656	1.5320	14.315	3.9963	45.5376	3.99730
12900	-6.1326	-3.8567	5.7664	1.5306	14.365	3.9967	45.2749	3.99770
13000	-6.1262	-3.8469	5.7673	1.5288	14.413	3.9971	45.0164	3.99809
13100	-6.1198	-3.8372	5.7682	1.5251	14.452	3.9975	44.7625	3.99848
13200	-6.1134	-3.8274	5.7691	1.5198	14.482	3.9979	44.5127	3.99888

S/R= 120.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13300	-6.1070	-3.8177	5.7699	1.5127	14.503	3.9983	44.2676	3.99929
13400	-6.1005	-3.8079	5.7708	1.5050	14.522	3.9988	44.0269	3.99972
13500	-6.0940	-3.7981	5.7717	1.4952	14.529	3.9992	43.7912	4.00019
13600	-6.0873	-3.7881	5.7726	1.4842	14.530	3.9997	43.5599	4.00070
13700	-6.0806	-3.7781	5.7736	1.4726	14.527	4.0003	43.3339	4.00126
13800	-6.0736	-3.7680	5.7745	1.4594	14.516	4.0009	43.1131	4.00187
13900	-6.0665	-3.7577	5.7754	1.3883	14.210	4.0016	42.8974	4.00257
14000	-6.0571	-3.7451	5.7766	1.4296	14.473	4.0024	42.7069	4.00333
14100	-6.0517	-3.7364	5.7774	1.4786	14.773	4.0033	42.4835	4.00424
14200	-6.0438	-3.7254	5.7785	1.3969	14.412	4.0043	42.2854	4.00525
14300	-6.0357	-3.7141	5.7796	1.3803	14.379	4.0054	42.0941	4.00638
14400	-6.0272	-3.7024	5.7807	1.3627	14.339	4.0067	41.9091	4.00766
14500	-6.0182	-3.6903	5.7818	1.3467	14.306	4.0082	41.7311	4.00911
14600	-6.0089	-3.6778	5.7830	1.3298	14.268	4.0098	41.5609	4.01075
14700	-5.9990	-3.6648	5.7843	1.3126	14.227	4.0116	41.3974	4.01258
14800	-5.9887	-3.6513	5.7856	1.2978	14.199	4.0137	41.2425	4.01463
14900	-5.9778	-3.6372	5.7870	1.2830	14.169	4.0159	41.0954	4.01691
15000	-5.9663	-3.6225	5.7884	1.2756	14.180	4.0185	40.9570	4.01945

S/R= 121.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8800	-6.9841	-4.8990	5.6977	1.1352	9.931	3.7755	56.6535	3.77607
8900	-6.9318	-4.8397	5.7017	1.1374	10.022	3.7944	56.5322	3.79493
9000	-6.8825	-4.7835	5.7055	1.1422	10.123	3.8122	56.3935	3.81285
9100	-6.8361	-4.7304	5.7091	1.1477	10.226	3.8291	56.2380	3.82976
9200	-6.7927	-4.6805	5.7125	1.1539	10.331	3.8450	56.0651	3.84564
9300	-6.7523	-4.6336	5.7157	1.1605	10.437	3.8598	55.8764	3.86048
9400	-6.7145	-4.5897	5.7188	1.1679	10.545	3.8736	55.6705	3.87431
9500	-6.6794	-4.5486	5.7216	1.1760	10.655	3.8864	55.4497	3.88712
9600	-6.6469	-4.5102	5.7243	1.1848	10.767	3.8982	55.2143	3.89893
9700	-6.6169	-4.4744	5.7269	1.1946	10.883	3.9090	54.9650	3.90976
9800	-6.5891	-4.4412	5.7292	1.2058	11.004	3.9188	54.7020	3.91963
9900	-6.5636	-4.4103	5.7315	1.2175	11.127	3.9277	54.4274	3.92857
10000	-6.5402	-4.3815	5.7335	1.2301	11.252	3.9358	54.1421	3.93664
10100	-6.5186	-4.3548	5.7355	1.2438	11.381	3.9430	53.8474	3.94390
10200	-6.4987	-4.3299	5.7373	1.2584	11.514	3.9495	53.5443	3.95040
10300	-6.4804	-4.3068	5.7390	1.2740	11.650	3.9553	53.2342	3.95619
10400	-6.4635	-4.2851	5.7406	1.2903	11.789	3.9604	52.9189	3.96134
10500	-6.4479	-4.2649	5.7422	1.3072	11.930	3.9650	52.5983	3.96590
10600	-6.4335	-4.2459	5.7436	1.3244	12.071	3.9690	52.2748	3.96992
10700	-6.4201	-4.2281	5.7450	1.3416	12.212	3.9725	51.9487	3.97346
10800	-6.4076	-4.2112	5.7463	1.3592	12.354	3.9757	51.6208	3.97658
10900	-6.3960	-4.1952	5.7475	1.3770	12.496	3.9784	51.2925	3.97932
11000	-6.3850	-4.1801	5.7487	1.3942	12.635	3.9808	50.9651	3.98173
11100	-6.3747	-4.1656	5.7498	1.4103	12.769	3.9829	50.6382	3.98385
11200	-6.3649	-4.1517	5.7509	1.4255	12.898	3.9848	50.3130	3.98570
11300	-6.3556	-4.1383	5.7520	1.4409	13.028	3.9864	49.9898	3.98733
11400	-6.3467	-4.1254	5.7530	1.4543	13.149	3.9878	49.6688	3.98876
11500	-6.3382	-4.1130	5.7540	1.4679	13.270	3.9891	49.3505	3.99003
11600	-6.3300	-4.1009	5.7550	1.4802	13.385	3.9902	49.0357	3.99113
11700	-6.3221	-4.0892	5.7559	1.4903	13.490	3.9912	48.7239	3.99211
11800	-6.3144	-4.0778	5.7569	1.5001	13.593	3.9921	48.4156	3.99298
11900	-6.3070	-4.0666	5.7578	1.5082	13.689	3.9929	48.1111	3.99375
12000	-6.2998	-4.0556	5.7587	1.5161	13.784	3.9935	47.8105	3.99443

S/R= 121.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12100	-6.2927	-4.0449	5.7596	1.5218	13.868	3.9941	47.5136	3.99505
12200	-6.2858	-4.0343	5.7605	1.5266	13.948	3.9947	47.2209	3.9956C
12300	-6.2790	-4.0239	5.7614	1.5320	14.031	3.9952	46.9322	3.99610
12400	-6.2723	-4.0137	5.7623	1.5344	14.100	3.9957	46.6476	3.99656
12500	-6.2657	-4.0035	5.7631	1.5354	14.162	3.9961	46.3678	3.99698
12600	-6.2592	-3.9935	5.7640	1.5361	14.222	3.9965	46.0914	3.99738
12700	-6.2527	-3.9835	5.7649	1.5349	14.274	3.9969	45.8198	3.99776
12800	-6.2462	-3.9736	5.7657	1.5328	14.321	3.9973	45.5527	3.99813
12900	-6.2398	-3.9638	5.7666	1.5296	14.362	3.9976	45.2898	3.99850
13000	-6.2333	-3.9540	5.7675	1.5257	14.400	3.9980	45.0316	3.99887
13100	-6.2269	-3.9442	5.7683	1.5203	14.431	3.9984	44.7780	3.99926
13200	-6.2204	-3.9343	5.7692	1.5118	14.446	3.9988	44.5289	3.99965
13300	-6.2139	-3.9244	5.7701	1.5023	14.456	3.9992	44.2847	4.00009
13400	-6.2072	-3.9145	5.7710	1.4920	14.461	3.9997	44.0457	4.00056
13500	-6.2005	-3.9045	5.7719	1.4792	14.453	4.0002	43.8113	4.00107
13600	-6.1936	-3.8943	5.7729	1.4671	14.448	4.0008	43.5824	4.00165
13700	-6.1865	-3.8840	5.7738	1.4530	14.432	4.0015	43.3591	4.00230
13800	-6.1792	-3.8734	5.7748	1.4374	14.408	4.0022	43.1414	4.00303
13900	-6.1717	-3.8627	5.7758	1.3703	14.121	4.0030	42.9295	4.00387
14000	-6.1619	-3.8496	5.7770	1.4041	14.346	4.0039	42.7432	4.00478
14100	-6.1558	-3.8404	5.7779	1.4424	14.594	4.0050	42.5248	4.00589
14200	-6.1474	-3.8287	5.7790	1.3690	14.271	4.0063	42.3326	4.00711
14300	-6.1385	-3.8167	5.7801	1.3517	14.233	4.0076	42.1475	4.00849
14400	-6.1292	-3.8042	5.7813	1.3341	14.192	4.0092	41.9701	4.01006
14500	-6.1194	-3.7911	5.7825	1.3182	14.159	4.0110	41.8001	4.01183
14600	-6.1091	-3.7776	5.7839	1.3017	14.122	4.0130	41.6389	4.01383
14700	-6.0981	-3.7635	5.7852	1.2852	14.084	4.0152	41.4857	4.01605
14800	-6.0866	-3.7487	5.7866	1.2713	14.060	4.0177	41.3412	4.01854
14900	-6.0744	-3.7333	5.7881	1.2579	14.038	4.0204	41.2060	4.02130
15000	-6.0615	-3.7172	5.7897	1.2513	14.053	4.0235	41.0797	4.02435

S/R= 122.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
8900	-6.9936	-4.8988	5.7054	1.1443	10.083	3.8171	57.0134	3.81763
9000	-6.9466	-4.8451	5.7090	1.1470	10.173	3.8340	56.8511	3.83463
9100	-6.9026	-4.7945	5.7124	1.1533	10.279	3.8500	56.6707	3.85059
9200	-6.8617	-4.7471	5.7156	1.1604	10.387	3.8648	56.4734	3.86547
9300	-6.8236	-4.7029	5.7187	1.1679	10.496	3.8786	56.2585	3.87926
9400	-6.7884	-4.6616	5.7215	1.1765	10.608	3.8913	56.0277	3.89199
9500	-6.7559	-4.6232	5.7242	1.1860	10.723	3.9030	55.7809	3.90368
9600	-6.7259	-4.5874	5.7267	1.1962	10.841	3.9136	55.5197	3.91435
9700	-6.6983	-4.5543	5.7291	1.2076	10.962	3.9233	55.2450	3.92403
9800	-6.6729	-4.5235	5.7313	1.2200	11.087	3.9320	54.9580	3.93279
9900	-6.6497	-4.4949	5.7333	1.2334	11.216	3.9399	54.6604	3.94067
10000	-6.6283	-4.4685	5.7352	1.2480	11.349	3.9469	54.3531	3.94770
10100	-6.6087	-4.4439	5.7370	1.2634	11.485	3.9532	54.0378	3.95396
10200	-6.5907	-4.4210	5.7387	1.2799	11.625	3.9587	53.7149	3.95951
10300	-6.5742	-4.3997	5.7403	1.2969	11.767	3.9636	53.3870	3.96441
10400	-6.5589	-4.3797	5.7418	1.3144	11.910	3.9679	53.0549	3.96873
10500	-6.5448	-4.3611	5.7432	1.3327	12.055	3.9717	52.7197	3.97253
10600	-6.5317	-4.3435	5.7445	1.3507	12.199	3.9750	52.3824	3.97587
10700	-6.5195	-4.3269	5.7458	1.3684	12.341	3.9780	52.0440	3.97878
10800	-6.5081	-4.3111	5.7470	1.3862	12.483	3.9805	51.7058	3.98133
10900	-6.4973	-4.2961	5.7481	1.4039	12.624	3.9827	51.3682	3.98357

S/R= 122.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11000	-6.4872	-4.2818	5.7492	1.4207	12.761	3.9847	51.0317	3.98552
11100	-6.4776	-4.2681	5.7503	1.4359	12.890	3.9864	50.6971	3.98722
11200	-6.4685	-4.2549	5.7514	1.4506	13.016	3.9879	50.3652	3.98871
11300	-6.4597	-4.2422	5.7524	1.4648	13.140	3.9892	50.0361	3.99001
11400	-6.4514	-4.2298	5.7533	1.4767	13.254	3.9903	49.7099	3.99116
11500	-6.4433	-4.2179	5.7543	1.4891	13.369	3.9914	49.3872	3.99218
11600	-6.4355	-4.2062	5.7553	1.4993	13.474	3.9922	49.0683	3.99306
11700	-6.4279	-4.1948	5.7562	1.5082	13.574	3.9930	48.7530	3.99383
11800	-6.4206	-4.1837	5.7571	1.5165	13.671	3.9937	48.4418	3.99453
11900	-6.4134	-4.1728	5.7580	1.5221	13.755	3.9943	48.1346	3.99515
12000	-6.4063	-4.1621	5.7589	1.5289	13.844	3.9949	47.8316	3.99569
12100	-6.3995	-4.1515	5.7598	1.5334	13.923	3.9954	47.5329	3.99619
12200	-6.3927	-4.1411	5.7607	1.5354	13.991	3.9959	47.2386	3.99664
12300	-6.3860	-4.1308	5.7615	1.5390	14.065	3.9963	46.9489	3.99706
12400	-6.3794	-4.1207	5.7624	1.5400	14.127	3.9967	46.6631	3.99745
12500	-6.3729	-4.1106	5.7633	1.5391	14.181	3.9970	46.3823	3.99781
12600	-6.3664	-4.1006	5.7641	1.5377	14.231	3.9974	46.1055	3.99816
12700	-6.3599	-4.0907	5.7650	1.5349	14.275	3.9977	45.8336	3.99851
12800	-6.3534	-4.0808	5.7659	1.5305	14.311	3.9981	45.5663	3.99885
12900	-6.3470	-4.0709	5.7667	1.5246	14.340	3.9984	45.3038	3.99921
13000	-6.3405	-4.0610	5.7676	1.5187	14.369	3.9988	45.0461	3.99958
13100	-6.3339	-4.0511	5.7685	1.5109	14.387	3.9992	44.7932	3.99998
13200	-6.3273	-4.0411	5.7694	1.5000	14.390	3.9996	44.5454	4.00040
13300	-6.3206	-4.0310	5.7703	1.4882	14.389	4.0001	44.3029	4.00088
13400	-6.3137	-4.0209	5.7712	1.4753	14.381	4.0007	44.0657	4.00142
13500	-6.3067	-4.0105	5.7721	1.4604	14.362	4.0013	43.8339	4.00202
13600	-6.2994	-4.0000	5.7731	1.4458	14.345	4.0019	43.6081	4.00269
13700	-6.2920	-3.9893	5.7741	1.4296	14.318	4.0027	43.3883	4.00347
13800	-6.2842	-3.9783	5.7751	1.4120	14.283	4.0036	43.1748	4.00435
13900	-6.2762	-3.9670	5.7762	1.3502	14.019	4.0046	42.9678	4.00536
14000	-6.2658	-3.9533	5.7774	1.3767	14.209	4.0057	42.7871	4.00648
14100	-6.2590	-3.9434	5.7784	1.4046	14.406	4.0071	42.5751	4.00784
14200	-6.2498	-3.9309	5.7796	1.3399	14.123	4.0086	42.3901	4.00933
14300	-6.2400	-3.9179	5.7808	1.3226	14.083	4.0103	42.2134	4.01103
14400	-6.2297	-3.9044	5.7821	1.3057	14.045	4.0122	42.0447	4.01295
14500	-6.2189	-3.8903	5.7834	1.2904	14.015	4.0143	41.8844	4.01511
14600	-6.2074	-3.8755	5.7848	1.2746	13.981	4.0168	41.7334	4.01753
14700	-6.1952	-3.8601	5.7863	1.2599	13.952	4.0195	41.5916	4.02023
14800	-6.1823	-3.8439	5.7879	1.2471	13.934	4.0224	41.4595	4.02322
14900	-6.1687	-3.8270	5.7895	1.2350	13.918	4.0257	41.3375	4.02653
15000	-6.1543	-3.8094	5.7913	1.2292	13.938	4.0294	41.2254	4.03016

S/R= 123.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9100	-6.9720	-4.8617	5.7155	1.1639	10.352	3.8694	57.0737	3.86996
9200	-6.9336	-4.8170	5.7185	1.1679	10.445	3.8832	56.8503	3.88376
9300	-6.8981	-4.7755	5.7214	1.1767	10.558	3.8958	56.6094	3.89645
9400	-6.8655	-4.7368	5.7240	1.1867	10.676	3.9074	56.3517	3.90806
9500	-6.8355	-4.7011	5.7265	1.1978	10.797	3.9179	56.0790	3.91859
9600	-6.8080	-4.6680	5.7288	1.2097	10.921	3.9275	55.7923	3.92812
9700	-6.7828	-4.6374	5.7310	1.2228	11.049	3.9360	55.4929	3.93667
9800	-6.7598	-4.6091	5.7330	1.2370	11.181	3.9436	55.1823	3.94431
9900	-6.7387	-4.5828	5.7349	1.2522	11.316	3.9504	54.8621	3.95114
10000	-6.7194	-4.5585	5.7367	1.2684	11.456	3.9565	54.5343	3.95718

S/R= 123.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	-6.7017	-4.5359	5.7383	1.2856	11.599	3.9618	54.1993	3.96250
10200	-6.6854	-4.5148	5.7399	1.3035	11.744	3.9665	53.8596	3.96719
10300	-6.6704	-4.4952	5.7413	1.3215	11.888	3.9706	53.5154	3.97129
10400	-6.6566	-4.4767	5.7427	1.3402	12.035	3.9741	53.1681	3.97488
10500	-6.6438	-4.4594	5.7440	1.3594	12.184	3.9773	52.8195	3.97801
10600	-6.6319	-4.4430	5.7452	1.3778	12.329	3.9800	52.4708	3.98074
10700	-6.6206	-4.4274	5.7464	1.3957	12.471	3.9824	52.1222	3.98312
10800	-6.6101	-4.4127	5.7475	1.4132	12.611	3.9845	51.7748	3.98518
10900	-6.6001	-4.3985	5.7486	1.4306	12.749	3.9863	51.4287	3.98699
11000	-6.5907	-4.3849	5.7497	1.4462	12.880	3.9878	51.0853	3.98856
11100	-6.5817	-4.3719	5.7507	1.4596	13.000	3.9892	50.7444	3.98992
11200	-6.5731	-4.3592	5.7517	1.4734	13.122	3.9904	50.4072	3.99112
11300	-6.5648	-4.3470	5.7527	1.4864	13.241	3.9914	50.0733	3.99216
11400	-6.5568	-4.3351	5.7536	1.4965	13.346	3.9924	49.7427	3.99307
11500	-6.5491	-4.3235	5.7546	1.5070	13.453	3.9932	49.4164	3.99388
11600	-6.5416	-4.3121	5.7555	1.5158	13.552	3.9939	49.0942	3.99458
11700	-6.5343	-4.3010	5.7564	1.5234	13.645	3.9945	48.7762	3.99520
11800	-6.5271	-4.2901	5.7573	1.5299	13.733	3.9951	48.4624	3.99576
11900	-6.5202	-4.2794	5.7582	1.5334	13.808	3.9955	48.1536	3.99626
12000	-6.5133	-4.2689	5.7591	1.5381	13.888	3.9960	47.8488	3.99670
12100	-6.5065	-4.2585	5.7599	1.5411	13.960	3.9964	47.5488	3.99711
12200	-6.4999	-4.2482	5.7608	1.5419	14.022	3.9968	47.2532	3.99749
12300	-6.4933	-4.2380	5.7617	1.5433	14.086	3.9971	46.9624	3.99784
12400	-6.4867	-4.2279	5.7625	1.5427	14.141	3.9975	46.6762	3.99817
12500	-6.4802	-4.2179	5.7634	1.5398	14.185	3.9978	46.3947	3.99850
12600	-6.4737	-4.2079	5.7642	1.5367	14.228	3.9981	46.1183	3.99883
12700	-6.4672	-4.1979	5.7651	1.5316	14.261	3.9985	45.8466	3.99916
12800	-6.4607	-4.1880	5.7660	1.5241	14.283	3.9988	45.5795	3.99950
12900	-6.4541	-4.1780	5.7669	1.5164	14.303	3.9992	45.3178	3.99986
13000	-6.4475	-4.1680	5.7677	1.5084	14.321	3.9996	45.0612	4.00026
13100	-6.4408	-4.1579	5.7686	1.4975	14.325	4.0000	44.8098	4.00070
13200	-6.4340	-4.1477	5.7696	1.4839	14.315	4.0005	44.5638	4.00118
13300	-6.4270	-4.1374	5.7705	1.4701	14.303	4.0011	44.3236	4.00173
13400	-6.4198	-4.1269	5.7714	1.4548	14.283	4.0017	44.0892	4.00236
13500	-6.4124	-4.1162	5.7724	1.4379	14.254	4.0024	43.8609	4.00308
13600	-6.4047	-4.1052	5.7734	1.4213	14.225	4.0032	43.6390	4.00389
13700	-6.3968	-4.0939	5.7744	1.4031	14.187	4.0042	43.4238	4.00484
13800	-6.3885	-4.0824	5.7755	1.3844	14.146	4.0052	43.2155	4.00592
13900	-6.3798	-4.0704	5.7766	1.3284	13.909	4.0065	43.0147	4.00715
14000	-6.3686	-4.0559	5.7780	1.3480	14.064	4.0079	42.8406	4.00852
14100	-6.3610	-4.0451	5.7790	1.3674	14.218	4.0095	42.6367	4.01019
14200	-6.3508	-4.0316	5.7803	1.3115	13.977	4.0113	42.4602	4.01202
14300	-6.3400	-4.0176	5.7816	1.2945	13.938	4.0134	42.2931	4.01410
14400	-6.3285	-4.0028	5.7830	1.2785	13.904	4.0158	42.1349	4.01644
14500	-6.3164	-3.9874	5.7845	1.2642	13.879	4.0184	41.9865	4.01906
14600	-6.3036	-3.9712	5.7860	1.2498	13.852	4.0213	41.8480	4.02198
14700	-6.2899	-3.9543	5.7877	1.2364	13.830	4.0245	41.7196	4.02522
14800	-6.2755	-3.9365	5.7894	1.2249	13.819	4.0281	41.6020	4.02880
14900	-6.2603	-3.9180	5.7912	1.2144	13.813	4.0320	41.4942	4.03272
15000	-6.2442	-3.8985	5.7931	1.2096	13.839	4.0363	41.3974	4.03700

S/R= 124.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9300	-6.9759	-4.8515	5.7238	1.1928	10.652	3.9114	56.9255	3.91199

S/R= 124.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9400	-6.9458	-4.8156	5.7263	1.1986	10.749	3.9219	56.6421	3.92244
9500	-6.9183	-4.7825	5.7286	1.2113	10.877	3.9312	56.3439	3.93183
9600	-6.8933	-4.7519	5.7307	1.2252	11.008	3.9396	56.0320	3.94023
9700	-6.8704	-4.7238	5.7327	1.2402	11.143	3.9471	55.7090	3.94769
9800	-6.8496	-4.6977	5.7345	1.2563	11.282	3.9537	55.3761	3.95428
9900	-6.8305	-4.6736	5.7363	1.2733	11.425	3.9595	55.0350	3.96011
10000	-6.8131	-4.6513	5.7379	1.2914	11.571	3.9646	54.6879	3.96522
10100	-6.7971	-4.6305	5.7394	1.3102	11.719	3.9690	54.3350	3.96968
10200	-6.7824	-4.6111	5.7408	1.3291	11.868	3.9729	53.9794	3.97358
10300	-6.7688	-4.5929	5.7422	1.3483	12.017	3.9763	53.6213	3.97698
10400	-6.7562	-4.5757	5.7434	1.3674	12.165	3.9793	53.2612	3.97993
10500	-6.7444	-4.5596	5.7447	1.3866	12.312	3.9818	52.9016	3.98248
10600	-6.7334	-4.5442	5.7458	1.4050	12.456	3.9841	52.5429	3.98470
10700	-6.7231	-4.5296	5.7469	1.4224	12.595	3.9860	52.1855	3.98663
10800	-6.7133	-4.5155	5.7480	1.4393	12.732	3.9876	51.8300	3.98829
10900	-6.7040	-4.5021	5.7490	1.4553	12.864	3.9891	51.4776	3.98975
11000	-6.6951	-4.4891	5.7501	1.4698	12.989	3.9903	51.1282	3.99099
11100	-6.6866	-4.4766	5.7510	1.4818	13.103	3.9914	50.7821	3.99209
11200	-6.6784	-4.4644	5.7520	1.4939	13.217	3.9924	50.4403	3.99303
11300	-6.6705	-4.4525	5.7529	1.5057	13.329	3.9932	50.1024	3.99386
11400	-6.6629	-4.4410	5.7539	1.5138	13.425	3.9940	49.7690	3.99459
11500	-6.6554	-4.4297	5.7548	1.5220	13.522	3.9946	49.4395	3.99523
11600	-6.6482	-4.4186	5.7557	1.5296	13.615	3.9952	49.1150	3.99579
11700	-6.6411	-4.4077	5.7566	1.5356	13.701	3.9957	48.7951	3.99629
11800	-6.6341	-4.3970	5.7574	1.5404	13.782	3.9961	48.4794	3.99674
11900	-6.6273	-4.3865	5.7583	1.5424	13.850	3.9965	48.1689	3.99715
12000	-6.6205	-4.3760	5.7592	1.5446	13.919	3.9969	47.8632	3.99751
12100	-6.6139	-4.3657	5.7600	1.5464	13.985	3.9972	47.5621	3.99785
12200	-6.6072	-4.3555	5.7609	1.5454	14.039	3.9976	47.2659	3.99818
12300	-6.6007	-4.3453	5.7618	1.5447	14.094	3.9979	46.9745	3.99849
12400	-6.5941	-4.3353	5.7626	1.5423	14.140	3.9982	46.6880	3.99879
12500	-6.5876	-4.3252	5.7635	1.5369	14.173	3.9985	46.4068	3.99910
12600	-6.5811	-4.3152	5.7644	1.5318	14.206	3.9988	46.1304	3.99942
12700	-6.5745	-4.3052	5.7652	1.5248	14.231	3.9991	45.8593	3.99975
12800	-6.5679	-4.2951	5.7661	1.5152	14.242	3.9995	45.5934	4.00011
12900	-6.5612	-4.2850	5.7670	1.5047	14.249	3.9999	45.3326	4.00051
13000	-6.5544	-4.2747	5.7679	1.4935	14.252	4.0004	45.0776	4.00095
13100	-6.5475	-4.2644	5.7688	1.4803	14.244	4.0009	44.8282	4.00145
13200	-6.5403	-4.2539	5.7698	1.4649	14.224	4.0014	44.5850	4.00202
13300	-6.5330	-4.2433	5.7707	1.4483	14.198	4.0021	44.3476	4.00268
13400	-6.5254	-4.2324	5.7717	1.4312	14.169	4.0028	44.1169	4.00343
13500	-6.5176	-4.2212	5.7727	1.4130	14.132	4.0037	43.8927	4.00430
13600	-6.5093	-4.2096	5.7738	1.3938	14.089	4.0047	43.6758	4.00530
13700	-6.5008	-4.1977	5.7749	1.3748	14.046	4.0059	43.4665	4.00646
13800	-6.4917	-4.1854	5.7760	1.3558	14.002	4.0072	43.2650	4.00778
13900	-6.4822	-4.1726	5.7772	1.3053	13.791	4.0087	43.0717	4.00931
14000	-6.4701	-4.1572	5.7786	1.3186	13.914	4.0104	42.9056	4.01100
14100	-6.4615	-4.1452	5.7798	1.3314	14.035	4.0124	42.7117	4.01304
14200	-6.4501	-4.1306	5.7811	1.2837	13.834	4.0147	42.5461	4.01528
14300	-6.4381	-4.1152	5.7826	1.2677	13.800	4.0172	42.3896	4.01781
14400	-6.4253	-4.0991	5.7841	1.2534	13.774	4.0200	42.2441	4.02063
14500	-6.4117	-4.0822	5.7857	1.2402	13.755	4.0232	42.1087	4.02379
14600	-6.3973	-4.0644	5.7874	1.2274	13.737	4.0267	41.9845	4.02728
14700	-6.3821	-4.0458	5.7892	1.2158	13.725	4.0305	41.8709	4.03114
14800	-6.3659	-4.0263	5.7911	1.2055	13.720	4.0347	41.7689	4.03536

S/R= 124.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-6.3489	-4.0058	5.7931	1.1965	13.722	4.0393	41.6775	4.03996
15000	-6.3310	-3.9845	5.7952	1.1925	13.754	4.0443	41.5976	4.04494

S/R= 125.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
9600	-6.9817	-4.9392	5.7323	1.2512	11.139	3.9501	56.2393	3.95069
9700	-6.9610	-4.9133	5.7341	1.2598	11.244	3.9566	55.8943	3.95713
9800	-6.9421	-4.7894	5.7358	1.2779	11.391	3.9622	55.5409	3.96276
9900	-6.9249	-4.7672	5.7374	1.2969	11.541	3.9671	55.1805	3.96767
10000	-6.9092	-4.7467	5.7389	1.3165	11.693	3.9714	54.8166	3.97195
10100	-6.8947	-4.7275	5.7403	1.3362	11.844	3.9751	54.4480	3.97565
10200	-6.8814	-4.7095	5.7416	1.3563	11.997	3.9783	54.0786	3.97886
10300	-6.8690	-4.6926	5.7429	1.3759	12.147	3.9811	53.7077	3.98163
10400	-6.8574	-4.6765	5.7441	1.3950	12.293	3.9835	53.3368	3.98403
10500	-6.8466	-4.6613	5.7452	1.4137	12.438	3.9855	52.9675	3.98610
10600	-6.8364	-4.6468	5.7463	1.4318	12.580	3.9873	52.6008	3.98789
10700	-6.8268	-4.6330	5.7474	1.4480	12.713	3.9889	52.2364	3.98944
10800	-6.8176	-4.6196	5.7484	1.4634	12.842	3.9902	51.8745	3.99077
10900	-6.8088	-4.6067	5.7494	1.4779	12.967	3.9913	51.5167	3.99193
11000	-6.8004	-4.5942	5.7503	1.4910	13.086	3.9924	51.1628	3.99293
11100	-6.7924	-4.5821	5.7513	1.5017	13.193	3.9932	50.8124	3.99380
11200	-6.7845	-4.5703	5.7522	1.5118	13.298	3.9940	50.4669	3.99455
11300	-6.7769	-4.5587	5.7531	1.5216	13.402	3.9946	50.1261	3.99521
11400	-6.7695	-4.5475	5.7540	1.5279	13.490	3.9952	49.7899	3.99579
11500	-6.7622	-4.5364	5.7549	1.5347	13.580	3.9957	49.4584	3.99631
11600	-6.7552	-4.5255	5.7558	1.5405	13.665	3.9962	49.1316	3.99676
11700	-6.7482	-4.5147	5.7567	1.5449	13.745	3.9966	48.8100	3.99716
11800	-6.7414	-4.5042	5.7576	1.5478	13.817	3.9970	48.4932	3.99752
11900	-6.7346	-4.4937	5.7584	1.5485	13.879	3.9973	48.1816	3.99786
12000	-6.7279	-4.4834	5.7593	1.5492	13.941	3.9976	47.8748	3.99817
12100	-6.7213	-4.4731	5.7601	1.5488	13.997	3.9979	47.5733	3.99847
12200	-6.7148	-4.4629	5.7610	1.5459	14.042	3.9982	47.2766	3.99876
12300	-6.7082	-4.4528	5.7619	1.5433	14.088	3.9985	46.9855	3.99904
12400	-6.7016	-4.4427	5.7627	1.5385	14.124	3.9988	46.6990	3.99933
12500	-6.6951	-4.4326	5.7636	1.5310	14.147	3.9991	46.4180	3.99964
12600	-6.6884	-4.4225	5.7645	1.5239	14.171	3.9994	46.1424	3.99997
12700	-6.6817	-4.4123	5.7654	1.5142	14.182	3.9998	45.8723	4.00033
12800	-6.6750	-4.4021	5.7663	1.5021	14.182	4.0002	45.6079	4.00073
12900	-6.6680	-4.3917	5.7672	1.4895	14.178	4.0007	45.3492	4.00118
13000	-6.6610	-4.3813	5.7681	1.4755	14.167	4.0012	45.0964	4.00169
13100	-6.6537	-4.3706	5.7690	1.4594	14.144	4.0018	44.8499	4.00229
13200	-6.6463	-4.3598	5.7700	1.4419	14.114	4.0024	44.6098	4.00298
13300	-6.6385	-4.3486	5.7710	1.4234	14.078	4.0033	44.3766	4.00378
13400	-6.6304	-4.3372	5.7720	1.4049	14.040	4.0042	44.1507	4.00470
13500	-6.6219	-4.3254	5.7731	1.3852	13.995	4.0052	43.9322	4.00577
13600	-6.6130	-4.3131	5.7742	1.3649	13.946	4.0065	43.7215	4.00700
13700	-6.6037	-4.3004	5.7754	1.3455	13.899	4.0079	43.5194	4.00842
13800	-6.5937	-4.2872	5.7766	1.3267	13.855	4.0095	43.3258	4.01006
13900	-6.5832	-4.2733	5.7779	1.2819	13.672	4.0114	43.1417	4.01194
14000	-6.5721	-4.2568	5.7795	1.2901	13.768	4.0135	42.9858	4.01401
14100	-6.5602	-4.2435	5.7807	1.2978	13.863	4.0159	42.8033	4.01649
14200	-6.5475	-4.2275	5.7822	1.2577	13.700	4.0187	42.6493	4.01920
14300	-6.5340	-4.2107	5.7838	1.2434	13.675	4.0217	42.5067	4.02226
14400	-6.5197	-4.1929	5.7855	1.2303	13.656	4.0251	42.3751	4.02566

S/R= 125.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-6.5044	-4.1743	5.7872	1.2184	13.643	4.0289	42.2551	4.02943
14600	-6.4883	-4.1548	5.7891	1.2073	13.635	4.0330	42.1464	4.03356
14700	-6.4713	-4.1342	5.7911	1.1976	13.633	4.0375	42.0493	4.03809
14800	-6.4533	-4.1128	5.7931	1.1889	13.639	4.0424	41.9640	4.04302
14900	-6.4344	-4.0904	5.7953	1.1814	13.650	4.0477	41.8902	4.04834
15000	-6.4147	-4.0671	5.7976	1.1781	13.686	4.0534	41.8274	4.05406

S/R= 126.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
10100	-6.9943	-4.8265	5.7410	1.3742	12.019	3.9800	54.5408	3.98054
10200	-6.9821	-4.8097	5.7423	1.3840	12.125	3.9826	54.1593	3.98317
10300	-6.9708	-4.7939	5.7434	1.4039	12.275	3.9849	53.7783	3.98542
10400	-6.9601	-4.7788	5.7446	1.4221	12.418	3.9868	53.3985	3.98735
10500	-6.9500	-4.7645	5.7456	1.4399	12.558	3.9885	53.0213	3.98902
10600	-6.9405	-4.7507	5.7467	1.4566	12.692	3.9899	52.6475	3.99045
10700	-6.9315	-4.7374	5.7477	1.4712	12.818	3.9912	52.2768	3.99169
10800	-6.9228	-4.7245	5.7487	1.4857	12.943	3.9922	51.9099	3.99275
10900	-6.9145	-4.7121	5.7496	1.4985	13.060	3.9932	51.5478	3.99367
11000	-6.9064	-4.7000	5.7506	1.5099	13.171	3.9940	51.1897	3.99445
11100	-6.8987	-4.6883	5.7515	1.5189	13.271	3.9946	50.8363	3.99515
11200	-6.8911	-4.6767	5.7524	1.5268	13.366	3.9952	50.4881	3.99575
11300	-6.8837	-4.6654	5.7533	1.5350	13.463	3.9958	50.1448	3.99628
11400	-6.8765	-4.6543	5.7542	1.5398	13.544	3.9962	49.8067	3.99674
11500	-6.8694	-4.6434	5.7551	1.5444	13.624	3.9967	49.4734	3.99715
11600	-6.8625	-4.6327	5.7559	1.5487	13.703	3.9970	49.1452	3.99752
11700	-6.8556	-4.6221	5.7568	1.5516	13.775	3.9974	48.8224	3.99785
11800	-6.8489	-4.6116	5.7577	1.5527	13.840	3.9977	48.5045	3.99816
11900	-6.8422	-4.6012	5.7585	1.5515	13.893	3.9980	48.1924	3.99844
12000	-6.8355	-4.5909	5.7594	1.5506	13.948	3.9982	47.8853	3.99872
12100	-6.8289	-4.5806	5.7602	1.5487	13.998	3.9985	47.5833	3.99899
12200	-6.8223	-4.5704	5.7611	1.5434	14.032	3.9988	47.2868	3.99926
12300	-6.8157	-4.5603	5.7620	1.5384	14.067	3.9991	46.9960	3.99954
12400	-6.8091	-4.5501	5.7628	1.5314	14.093	3.9994	46.7103	3.99984
12500	-6.8024	-4.5399	5.7637	1.5223	14.108	3.9997	46.4302	4.00016
12600	-6.7957	-4.5296	5.7646	1.5121	14.117	4.0000	46.1559	4.00052
12700	-6.7888	-4.5193	5.7655	1.4993	14.114	4.0005	45.8871	4.00092
12800	-6.7818	-4.5088	5.7664	1.4857	14.106	4.0009	45.6247	4.00139
12900	-6.7746	-4.4982	5.7673	1.4706	14.089	4.0015	45.3684	4.00192
13000	-6.7672	-4.4874	5.7683	1.4539	14.064	4.0021	45.1187	4.00254
13100	-6.7596	-4.4763	5.7693	1.4359	14.032	4.0028	44.8759	4.00326
13200	-6.7516	-4.4650	5.7703	1.4161	13.989	4.0036	44.6401	4.00410
13300	-6.7433	-4.4533	5.7714	1.3963	13.945	4.0046	44.4120	4.00508
13400	-6.7345	-4.4411	5.7724	1.3764	13.900	4.0058	44.1918	4.00622
13500	-6.7253	-4.4286	5.7736	1.3556	13.848	4.0071	43.9801	4.00754
13600	-6.7156	-4.4154	5.7748	1.3355	13.798	4.0086	43.7772	4.00906
13700	-6.7053	-4.4018	5.7760	1.3164	13.752	4.0103	43.5840	4.01082
13800	-6.6943	-4.3874	5.7774	1.2981	13.710	4.0124	43.4005	4.01283
13900	-6.6826	-4.3723	5.7788	1.2589	13.554	4.0146	43.2273	4.01512
14000	-6.6681	-4.3545	5.7804	1.2632	13.630	4.0172	43.0829	4.01764
14100	-6.6567	-4.3397	5.7818	1.2673	13.706	4.0202	42.9136	4.02065
14200	-6.6425	-4.3221	5.7835	1.2343	13.579	4.0234	42.7740	4.02392
14300	-6.6274	-4.3035	5.7852	1.2216	13.563	4.0271	42.6463	4.02758
14400	-6.6114	-4.2840	5.7871	1.2100	13.552	4.0311	42.5306	4.03160
14500	-6.5944	-4.2635	5.7890	1.1996	13.548	4.0355	42.4268	4.03604

S/R= 126.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14600	-6.5764	-4.2420	5.7911	1.1902	13.550	4.0404	42.3351	4.04088
14700	-6.5574	-4.2195	5.7932	1.1818	13.557	4.0456	42.2561	4.04614
14800	-6.5374	-4.1960	5.7955	1.1746	13.571	4.0513	42.1889	4.05183
14900	-6.5166	-4.1715	5.7978	1.1682	13.590	4.0574	42.1335	4.05792
15000	-6.4948	-4.1462	5.8003	1.1653	13.629	4.0639	42.0888	4.06443

S/R= 127.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
11200	-6.9980	-4.7836	5.7526	1.5445	13.445	3.9963	50.5049	3.99671
11300	-6.9903	-4.7724	5.7534	1.5463	13.514	3.9967	50.1598	3.99713
11400	-6.9838	-4.7615	5.7543	1.5493	13.587	3.9971	49.8196	3.99750
11500	-6.9768	-4.7508	5.7552	1.5526	13.662	3.9974	49.4853	3.99783
11600	-6.9700	-4.7401	5.7560	1.5547	13.730	3.9977	49.1563	3.99813
11700	-6.9632	-4.7296	5.7569	1.5548	13.791	3.9980	48.8326	3.99841
11800	-6.9565	-4.7192	5.7578	1.5553	13.852	3.9982	48.5144	3.99868
11900	-6.9498	-4.7088	5.7586	1.5525	13.899	3.9985	48.2020	3.99893
12000	-6.9432	-4.6985	5.7595	1.5493	13.943	3.9987	47.8946	3.99919
12100	-6.9366	-4.6882	5.7603	1.5455	13.984	3.9990	47.5928	3.99944
12200	-6.9299	-4.6780	5.7612	1.5381	14.009	3.9993	47.2965	3.99971
12300	-6.9232	-4.6677	5.7621	1.5313	14.035	3.9996	47.0066	4.00000
12400	-6.9165	-4.6574	5.7629	1.5218	14.049	3.9999	46.7218	4.00033
12500	-6.9097	-4.6471	5.7638	1.5094	14.049	4.0003	46.4433	4.00069
12600	-6.9027	-4.6366	5.7647	1.4962	14.044	4.0007	46.1708	4.00111
12700	-6.8956	-4.6260	5.7657	1.4815	14.031	4.0012	45.9041	4.00158
12800	-6.8883	-4.6152	5.7666	1.4655	14.011	4.0017	45.6446	4.00213
12900	-6.8807	-4.6042	5.7676	1.4478	13.981	4.0024	45.3916	4.00278
13000	-6.8729	-4.5930	5.7686	1.4290	13.945	4.0031	45.1456	4.00353
13100	-6.8647	-4.5814	5.7696	1.4097	13.906	4.0040	44.9078	4.00442
13200	-6.8562	-4.5694	5.7707	1.3882	13.853	4.0050	44.6776	4.00546
13300	-6.8472	-4.5570	5.7718	1.3673	13.802	4.0062	44.4555	4.00667
13400	-6.8376	-4.5440	5.7729	1.3467	13.752	4.0077	44.2428	4.00807
13500	-6.8275	-4.5305	5.7742	1.3259	13.699	4.0093	44.0393	4.00971
13600	-6.8167	-4.5163	5.7755	1.3064	13.651	4.0112	43.8459	4.01158
13700	-6.8053	-4.5014	5.7768	1.2880	13.608	4.0133	43.6628	4.01373
13800	-6.7930	-4.4857	5.7783	1.2708	13.570	4.0158	43.4909	4.01619
13900	-6.7799	-4.4692	5.7798	1.2370	13.442	4.0185	43.3307	4.01898
14000	-6.7640	-4.4499	5.7816	1.2390	13.506	4.0216	43.1998	4.02202
14100	-6.7509	-4.4333	5.7832	1.2407	13.570	4.0252	43.0458	4.02562
14200	-6.7350	-4.4139	5.7850	1.2131	13.472	4.0291	42.9223	4.02953
14300	-6.7181	-4.3935	5.7869	1.2019	13.464	4.0334	42.8115	4.03385
14400	-6.7001	-4.3720	5.7889	1.1921	13.464	4.0381	42.7132	4.03859
14500	-6.6811	-4.3494	5.7911	1.1833	13.469	4.0433	42.6275	4.04376
14600	-6.6612	-4.3259	5.7933	1.1756	13.480	4.0489	42.5545	4.04936
14700	-6.6402	-4.3013	5.7956	1.1687	13.497	4.0549	42.4936	4.05539
14800	-6.6182	-4.2757	5.7981	1.1627	13.519	4.0613	42.4445	4.06184
14900	-6.5953	-4.2492	5.8006	1.1573	13.544	4.0682	42.4072	4.06872
15000	-6.5715	-4.2217	5.8033	1.1548	13.587	4.0755	42.3815	4.07602

S/R= 128.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
12800	-6.9943	-4.7212	5.7668	1.4324	13.853	4.0026	45.6682	4.00300
12900	-6.9863	-4.7097	5.7678	1.4219	13.857	4.0034	45.4195	4.00378
13000	-6.9779	-4.6978	5.7689	1.4014	13.812	4.0043	45.1782	4.00471

S/R= 128.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13100	-6.9691	-4.6856	5.7700	1.3808	13.765	4.0054	44.9464	4.00581
13200	-6.9598	-4.6728	5.7711	1.3587	13.708	4.0067	44.7231	4.00710
13300	-6.9499	-4.6595	5.7723	1.3374	13.654	4.0082	44.5093	4.00860
13400	-6.9394	-4.6456	5.7736	1.3168	13.602	4.0100	44.3055	4.01033
13500	-6.9282	-4.6309	5.7749	1.2969	13.553	4.0120	44.1120	4.01235
13600	-6.9162	-4.6155	5.7763	1.2786	13.511	4.0143	43.9302	4.01465
13700	-6.9034	-4.5992	5.7778	1.2615	13.473	4.0169	43.7597	4.01728
13800	-6.8896	-4.5819	5.7794	1.2454	13.441	4.0199	43.6016	4.02026
13900	-6.8749	-4.5638	5.7811	1.2168	13.340	4.0232	43.4555	4.02361
14000	-6.8574	-4.5427	5.7830	1.2174	13.397	4.0268	43.3401	4.02724
14100	-6.8425	-4.5242	5.7847	1.2175	13.452	4.0311	43.2030	4.03151
14200	-6.8246	-4.5028	5.7867	1.1946	13.380	4.0357	43.0968	4.03613
14300	-6.8057	-4.4803	5.7888	1.1853	13.383	4.0408	43.0039	4.04117
14400	-6.7857	-4.4567	5.7911	1.1769	13.391	4.0463	42.9243	4.04667
14500	-6.7647	-4.4320	5.7934	1.1694	13.404	4.0522	42.8582	4.05262
14600	-6.7426	-4.4063	5.7958	1.1630	13.424	4.0586	42.8040	4.05902
14700	-6.7195	-4.3795	5.7984	1.1572	13.448	4.0654	42.7623	4.06585
14800	-6.6955	-4.3517	5.8010	1.1523	13.477	4.0727	42.7323	4.07312
14900	-6.6705	-4.3231	5.8038	1.1482	13.511	4.0803	42.7140	4.08079
15000	-6.6448	-4.2936	5.8066	1.1463	13.558	4.0884	42.7063	4.08888

S/R= 129.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
13700	-6.9993	-4.6946	5.7789	1.2293	13.308	4.0212	43.8758	4.02153
13800	-6.9839	-4.6756	5.7807	1.2225	13.325	4.0248	43.7333	4.02511
13900	-6.9674	-4.6556	5.7825	1.1989	13.250	4.0288	43.6044	4.02911
14000	-6.9479	-4.6326	5.7847	1.1982	13.301	4.0331	43.5059	4.03341
14100	-6.9310	-4.6120	5.7866	1.1976	13.353	4.0381	43.3873	4.03843
14200	-6.9111	-4.5885	5.7888	1.1791	13.305	4.0434	43.2996	4.04379
14300	-6.8901	-4.5638	5.7911	1.1711	13.316	4.0492	43.2257	4.04960
14400	-6.8680	-4.5380	5.7935	1.1639	13.332	4.0555	43.1660	4.05590
14500	-6.8448	-4.5111	5.7960	1.1577	13.354	4.0623	43.1190	4.06265
14600	-6.8206	-4.4832	5.7987	1.1526	13.382	4.0694	43.0842	4.06986
14700	-6.7954	-4.4542	5.8014	1.1478	13.412	4.0771	43.0623	4.07752
14800	-6.7693	-4.4242	5.8043	1.1436	13.447	4.0852	43.0515	4.08560
14900	-6.7424	-4.3935	5.8072	1.1403	13.486	4.0936	43.0515	4.09409
15000	-6.7146	-4.3619	5.8102	1.1388	13.537	4.1025	43.0615	4.10296

S/R= 130.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14200	-6.9942	-4.6707	5.7911	1.1622	13.224	4.0523	43.5342	4.05262
14300	-6.9711	-4.6438	5.7936	1.1592	13.264	4.0589	43.4800	4.05925
14400	-6.9468	-4.6157	5.7962	1.1532	13.287	4.0660	43.4392	4.06634
14500	-6.9215	-4.5866	5.7990	1.1480	13.316	4.0735	43.4119	4.07391
14600	-6.8952	-4.5565	5.8018	1.1438	13.351	4.0815	43.3965	4.08193
14700	-6.8680	-4.5253	5.8047	1.1398	13.387	4.0900	43.3932	4.09040
14800	-6.8398	-4.4933	5.8078	1.1365	13.427	4.0989	43.4005	4.09928
14900	-6.8109	-4.4605	5.8109	1.1337	13.471	4.1081	43.4182	4.10855
15000	-6.7813	-4.4269	5.8140	1.1324	13.524	4.1178	43.4456	4.11820

S/R= 131.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14500	-6.9946	-4.6583	5.8022	1.1386	13.282	4.0861	43.7381	4.08645
14600	-6.9663	-4.6261	5.8052	1.1368	13.331	4.0949	43.7410	4.09526
14700	-6.9371	-4.5929	5.8083	1.1333	13.371	4.1041	43.7553	4.10450
14800	-6.9070	-4.5589	5.8115	1.1304	13.416	4.1138	43.7807	4.11414
14900	-6.8762	-4.5242	5.8148	1.1283	13.465	4.1238	43.8151	4.12417
15000	-6.8448	-4.4887	5.8181	1.1273	13.521	4.1341	43.8583	4.13455

S/R= 132.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14800	-6.9709	-4.6211	5.8156	1.1246	13.407	4.1298	44.1903	4.13017
14900	-6.9384	-4.5846	5.8190	1.1238	13.465	4.1405	44.2400	4.14090
15000	-6.9054	-4.5475	5.8225	1.1230	13.523	4.1516	44.2979	4.15196

S/R= 133.0

T	LOG(RHO)	LOG(P)	LOG(H/R)	GAMMA-E	A/AA	Z	H/RT	Z*
14900	-6.9976	-4.6419	5.8234	1.1193	13.467	4.1583	44.6924	4.15871
15000	-6.9631	-4.6033	5.8270	1.1193	13.531	4.1700	44.7637	4.17040

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13. ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from an S/R of 11.6 to 133.0 and from a temperature of 100 to 15,000°K, where S/R is dimensionless entropy. These data are tabulated at constant entropy with temperature incremented. The dependent parameters are log ρ, log P, log H/R, γ_E, A/AA, Z, H/RT, and Z*. Several sources were used in assembling the data.

14. KEY WORDS	LINK A		LINK B		LINK C	
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tables						
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