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TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF NITROGEN

VOLUME II. CONSTANT PRESSURE

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

August 1969

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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 a log P of -7.4 to 4.8 and from a temperature of 100 to 15,000°K, where P is pressure in atmospheres. These data are tabulated at constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z*. Several sources were used in assembling the data.

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TABLE I

THERMODYNAMIC DATA AT CONSTANT PRESSURE FOR NITROGEN ix

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 log P = -7.4 to 4.8 in increments of 0.1 in log P over a temperature range between 100 and 15,000°K. Pressure is in atmospheres. Each set of data is at a constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, 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.

REFERENCES

1. Hilsenrath, J. and Klein, M. "Table of Thermodynamic Properties and Chemical Composition of Nitrogen in Chemical Equilibrium Including Second Virial Corrections from 1600°K to 15,000°K." AEDC-TR-66-65 (AD630461), April 1966.

2. Little, W. J. and Neel, C. A. "Tables of the Thermodynamic Properties of Nitrogen from 100 to 1500°K." AEDC-TDR-62-170 (AD283441), September 1962.

3. Din, F. Thermodynamic Functions of Gases. Vol. 3, Butterworths Scientific Publications, London, 1961.

4. Smith, C. E., Jr. "Thermodynamic Properties of Nitrogen." Lockheed TR-6-90-62-111, December 1962.

5. Grabau, M. and Brahinsky, H. S. "Thermodynamic Properties of Nitrogen from 300 to 5000°K and from 1 to 1000 Amagats." AEDC-TR-66-69 (AD636730), August 1966.

6. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Nitrogen Thermodynamic Data II. At Constant Pressure." AEDC-TDR-64-213 (AD449381), October 1964.

7. Neel, C. A. and Lewis, C. H. "Interpolations on Imperfect Nitrogen Thermodynamic Data I. At Constant Entropy." AEDC-TDR-64-212 (AD449409), October 1964.

8. Lewis, C. H. and Neel, C. A. "Specific Heat and Speed of Sound Data for Imperfect Air." AEDC-TDR-64-36 (AD600469), May 1964.

TABLE I

THERMODYNAMIC DATA AT CONSTANT PRESSURE FOR NITROGEN

LOG P=-7.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.9636	1.0000	36.2431	3.4901	1.00000

LOG P=-7.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.8636	1.0000	36.0129	3.4901	1.00000

LOG P=-7.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.7636	1.0000	35.7826	3.4901	1.00000

LOG P=-7.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.6636	1.0000	35.5524	3.4902	1.00000
200	2.8445	-6.9646	1.0000	37.9790	3.4955	1.00000

LOG P=-7.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.5636	1.0000	35.3221	3.4901	1.00000
200	2.8445	-6.8646	1.0000	37.7488	3.4955	1.00000

LOG P=-6.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.4636	1.0000	35.0918	3.4901	1.00000
200	2.8445	-6.7646	1.0000	37.5185	3.4955	1.00000
300	3.0211	-6.9407	1.0000	38.9383	3.4990	1.00000

LOG P=-6.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.3636	1.0000	34.8616	3.4901	1.00000
200	2.8445	-6.6646	1.0000	37.2883	3.4955	1.00000
300	3.0211	-6.8407	1.0000	38.7081	3.4990	1.00000
400	3.1470	-6.9657	1.0000	39.7174	3.5072	1.00000

LOG P=-6.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.2636	1.0000	34.6313	3.4901	1.00000
200	2.8445	-6.5646	1.0000	37.0580	3.4955	1.00000
300	3.0211	-6.7407	1.0000	38.4778	3.4990	1.00000
400	3.1470	-6.8657	1.0000	39.4871	3.5072	1.00000
500	3.2450	-6.9626	1.0000	40.2759	3.5156	1.00000

LOG P=-6.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.1636	1.0000	34.4011	3.4901	1.00000
200	2.8445	-6.4646	1.0000	36.8278	3.4955	1.00000
300	3.0211	-6.6407	1.0000	38.2476	3.4990	1.00000
400	3.1470	-6.7657	1.0000	39.2569	3.5072	1.00000

LOG P=-6.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.2450	-6.8626	1.0000	40.0457	3.5156	1.00000
600	3.3251	-6.9418	1.0000	40.6996	3.5232	1.00000

LOG P=-6.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-6.0636	1.0000	34.1708	3.4901	1.00000
200	2.8445	-6.3646	1.0000	36.5975	3.4955	1.00000
300	3.0211	-6.5407	1.0000	38.0173	3.4990	1.00000
400	3.1470	-6.6657	1.0000	39.0266	3.5072	1.00000
500	3.2450	-6.7626	1.0000	39.8154	3.5156	1.00000
600	3.3251	-6.8417	1.0000	40.4693	3.5232	1.00000
700	3.3930	-6.9087	1.0000	41.0333	3.5310	1.00000
800	3.4552	-6.9667	1.0000	41.5326	3.5655	1.00000

LOG P=-6.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.9636	1.0000	33.9406	3.4901	1.00000
200	2.8445	-6.2646	1.0000	36.3673	3.4955	1.00000
300	3.0211	-6.4407	1.0000	37.7871	3.4990	1.00000
400	3.1470	-6.5657	1.0000	38.7964	3.5072	1.00000
500	3.2450	-6.6626	1.0000	39.5851	3.5156	1.00000
600	3.3251	-6.7417	1.0000	40.2390	3.5232	1.00000
700	3.3930	-6.8087	1.0000	40.8030	3.5310	1.00000
800	3.4552	-6.8667	1.0000	41.3023	3.5655	1.00000
900	3.5098	-6.9178	1.0000	41.7521	3.5938	1.00000
1000	3.5589	-6.9638	1.0000	42.1632	3.6218	1.00000

LOG P=-6.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.8636	1.0000	33.7103	3.4901	1.00000
200	2.8445	-6.1646	1.0000	36.1370	3.4955	1.00000
300	3.0211	-6.3407	1.0000	37.5568	3.4990	1.00000
400	3.1470	-6.4657	1.0000	38.5661	3.5072	1.00000
500	3.2450	-6.5626	1.0000	39.3549	3.5156	1.00000
600	3.3251	-6.6418	1.0000	40.0088	3.5232	1.00000
700	3.3930	-6.7087	1.0000	40.5728	3.5310	1.00000
800	3.4552	-6.7667	1.0000	41.0721	3.5655	1.00000
900	3.5098	-6.8178	1.0000	41.5219	3.5938	1.00000
1000	3.5589	-6.8638	1.0000	41.9329	3.6218	1.00000
1100	3.6039	-6.9052	1.0000	42.3098	3.6521	1.00000
1200	3.6453	-6.9430	1.0000	42.6592	3.6823	1.00000
1300	3.6835	-6.9777	1.0000	42.9847	3.7119	1.00000

LOG P=-6.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.7636	1.0000	33.4800	3.4901	1.00000
200	2.8445	-6.0646	1.0000	35.9067	3.4955	1.00000
300	3.0211	-6.2407	1.0000	37.3266	3.4990	1.00000
400	3.1470	-6.3657	1.0000	38.3358	3.5072	1.00000
500	3.2450	-6.4626	1.0000	39.1246	3.5156	1.00000
600	3.3251	-6.5417	1.0000	39.7785	3.5232	1.00000

LOG P=-6.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.3930	-6.6087	1.0000	40.3426	3.5310	1.00000
800	3.4552	-6.6667	1.0000	40.8419	3.5655	1.00000
900	3.5098	-6.7178	1.0000	41.2916	3.5938	1.00000
1000	3.5589	-6.7638	1.0000	41.7027	3.6218	1.00000
1100	3.6039	-6.8052	1.0000	42.0796	3.6521	1.00000
1200	3.6453	-6.8430	1.0000	42.4289	3.6823	1.00000
1300	3.6835	-6.8777	1.0000	42.7544	3.7120	1.00000
1400	3.7191	-6.9099	1.0000	43.0592	3.7406	1.00000
1500	3.7522	-6.9399	1.0000	43.3457	3.7680	1.00000
1600	3.7832	-6.9679	1.0000	43.6159	3.7943	1.00000
1700	3.8124	-6.9942	1.0000	43.8716	3.8191	1.00000

LOG P=-6.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.6636	1.0000	33.2498	3.4901	1.00000
200	2.8445	-5.9646	1.0000	35.6765	3.4955	1.00000
300	3.0211	-6.1407	1.0000	37.0963	3.4990	1.00000
400	3.1470	-6.2657	1.0000	38.1056	3.5072	1.00000
500	3.2450	-6.3626	1.0000	38.8944	3.5156	1.00000
600	3.3251	-6.4418	1.0000	39.5483	3.5232	1.00000
700	3.3930	-6.5087	1.0000	40.1123	3.5310	1.00000
800	3.4552	-6.5667	1.0000	40.6116	3.5655	1.00000
900	3.5098	-6.6178	1.0000	41.0614	3.5938	1.00000
1000	3.5589	-6.6638	1.0000	41.4724	3.6218	1.00000
1100	3.6039	-6.7052	1.0000	41.8493	3.6521	1.00000
1200	3.6453	-6.7430	1.0000	42.1986	3.6823	1.00000
1300	3.6835	-6.7777	1.0000	42.5242	3.7120	1.00000
1400	3.7191	-6.8099	1.0000	42.8290	3.7406	1.00000
1500	3.7522	-6.8399	1.0000	43.1154	3.7680	1.00000
1600	3.7832	-6.8679	1.0000	43.3857	3.7942	1.00000
1700	3.8124	-6.8942	1.0000	43.6413	3.8191	1.00000
1800	3.8399	-6.9191	1.0000	43.8838	3.8427	1.00000
1900	3.8659	-6.9425	1.0000	44.1145	3.8650	1.00000
2000	3.8918	-6.9646	1.0000	44.3470	3.8973	1.00000
2100	3.9153	-6.9858	1.0000	44.5587	3.9180	1.00000

LOG P=-6.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.5636	1.0000	33.0195	3.4901	1.00000
200	2.8445	-5.8646	1.0000	35.4462	3.4955	1.00000
300	3.0211	-6.0407	1.0000	36.8460	3.4990	1.00000
400	3.1470	-6.1657	1.0000	37.8753	3.5072	1.00000
500	3.2450	-6.2626	1.0000	38.6641	3.5156	1.00000
600	3.3251	-6.3417	1.0000	39.3180	3.5232	1.00000
700	3.3930	-6.4087	1.0000	39.8820	3.5310	1.00000
800	3.4552	-6.4667	1.0000	40.3813	3.5655	1.00000
900	3.5098	-6.5178	1.0000	40.8311	3.5938	1.00000
1000	3.5589	-6.5638	1.0000	41.2422	3.6218	1.00000
1100	3.6039	-6.6052	1.0000	41.6191	3.6521	1.00000
1200	3.6453	-6.6430	1.0000	41.9684	3.6823	1.00000
1300	3.6835	-6.6777	1.0000	42.2939	3.7119	1.00000
1400	3.7191	-6.7099	1.0000	42.5987	3.7406	1.00000
1500	3.7522	-6.7399	1.0000	42.8852	3.7681	1.00000

LOG P=-6.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1600	3.7832	-6.7679	1.0000	43.1554	3.7942	1.00000
1700	3.8124	-6.7942	1.0000	43.4111	3.8191	1.00000
1800	3.8399	-6.8190	1.0000	43.6536	3.8427	1.00000
1900	3.8659	-6.8425	1.0000	43.8842	3.8649	1.00000
2000	3.8918	-6.8646	1.0000	44.1168	3.8973	1.00000
2100	3.9153	-6.8858	1.0000	44.3284	3.9180	1.00000
2200	3.9378	-6.9060	1.0000	44.5311	3.9387	1.00001
2300	3.9592	-6.9253	1.0000	44.7261	3.9577	1.00002
2400	3.9798	-6.9438	1.0001	44.9145	3.9770	1.00006
2500	3.9998	-6.9616	1.0001	45.0983	3.9986	1.00014
2600	4.0196	-6.9787	1.0003	45.2807	4.0235	1.00035
2700	4.0396	-6.9953	1.0008	45.4674	4.0573	1.00080

LOG P=-5.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.4636	1.0000	32.7893	3.4901	1.00000
200	2.8445	-5.7646	1.0000	35.2159	3.4955	1.00000
300	3.0211	-5.9407	1.0000	36.6358	3.4990	1.00000
400	3.1470	-6.0657	1.0000	37.6451	3.5072	1.00000
500	3.2450	-6.1626	1.0000	38.4339	3.5156	1.00000
600	3.3251	-6.2417	1.0000	39.0878	3.5232	1.00000
700	3.3930	-6.3087	1.0000	39.6517	3.5310	1.00000
800	3.4552	-6.3667	1.0000	40.1510	3.5655	1.00000
900	3.5098	-6.4178	1.0000	40.6008	3.5938	1.00000
1000	3.5589	-6.4638	1.0000	41.0119	3.6218	1.00000
1100	3.6039	-6.5052	1.0000	41.3888	3.6521	1.00000
1200	3.6453	-6.5430	1.0000	41.7381	3.6823	1.00000
1300	3.6835	-6.5777	1.0000	42.0636	3.7120	1.00000
1400	3.7191	-6.6099	1.0000	42.3685	3.7406	1.00000
1500	3.7522	-6.6399	1.0000	42.6550	3.7681	1.00000
1600	3.7832	-6.6679	1.0000	42.9252	3.7942	1.00000
1700	3.8124	-6.6942	1.0000	43.1808	3.8191	1.00000
1800	3.8399	-6.7190	1.0000	43.4233	3.8427	1.00000
1900	3.8659	-6.7425	1.0000	43.6540	3.8649	1.00000
2000	3.8918	-6.7646	1.0000	43.8865	3.8973	1.00000
2100	3.9153	-6.7858	1.0000	44.0981	3.9180	1.00000
2200	3.9378	-6.8060	1.0000	44.3008	3.9387	1.00001
2300	3.9592	-6.8253	1.0000	44.4957	3.9575	1.00002
2400	3.9797	-6.8438	1.0000	44.6839	3.9767	1.00005
2500	3.9998	-6.8616	1.0001	44.8673	3.9979	1.00013
2600	4.0194	-6.8787	1.0003	45.0486	4.0218	1.00031
2700	4.0392	-6.8953	1.0007	45.2332	4.0536	1.00071
2800	4.0602	-6.9114	1.0015	45.4294	4.1021	1.00155
2900	4.0834	-6.9274	1.0032	45.6508	4.1783	1.00316
3000	4.1109	-6.9434	1.0062	45.9197	4.3031	1.00616
3100	4.1454	-6.9599	1.0115	46.2693	4.5090	1.01151
3200	4.1900	-6.9776	1.0207	46.7485	4.8400	1.02067
3300	4.2479	-6.9974	1.0358	47.4279	5.3630	1.03581

LOG P=-5.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.3636	1.0000	32.5590	3.4901	1.00000
200	2.8445	-5.6646	1.0000	34.9857	3.4955	1.00000

LOG P=-5.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0211	-5.8407	1.0000	36.4055	3.4990	1.00000
400	3.1470	-5.9657	1.0000	37.4148	3.5072	1.00000
500	3.2450	-6.0626	1.0000	38.2036	3.5156	1.00000
600	3.3251	-6.1417	1.0000	38.8575	3.5232	1.00000
700	3.3930	-6.2087	1.0000	39.4215	3.5310	1.00000
800	3.4552	-6.2667	1.0000	39.9208	3.5655	1.00000
900	3.5098	-6.3178	1.0000	40.3706	3.5938	1.00000
1000	3.5589	-6.3638	1.0000	40.7816	3.6218	1.00000
1100	3.6039	-6.4052	1.0000	41.1586	3.6521	1.00000
1200	3.6453	-6.4430	1.0000	41.5079	3.6823	1.00000
1300	3.6835	-6.4777	1.0000	41.8334	3.7120	1.00000
1400	3.7191	-6.5099	1.0000	42.1382	3.7406	1.00000
1500	3.7522	-6.5399	1.0000	42.4247	3.7680	1.00000
1600	3.7832	-6.5679	1.0000	42.6949	3.7942	1.00000
1700	3.8124	-6.5942	1.0000	42.9505	3.8191	1.00000
1800	3.8399	-6.6191	1.0000	43.1931	3.8427	1.00000
1900	3.8659	-6.6425	1.0000	43.4237	3.8650	1.00000
2000	3.8918	-6.6646	1.0000	43.6563	3.8973	1.00000
2100	3.9153	-6.6858	1.0000	43.8679	3.9179	1.00000
2200	3.9378	-6.7060	1.0000	44.0706	3.9386	1.00000
2300	3.9591	-6.7253	1.0000	44.2654	3.9575	1.00002
2400	3.9797	-6.7438	1.0000	44.4534	3.9764	1.00005
2500	3.9997	-6.7616	1.0001	44.6364	3.9972	1.00011
2600	4.0192	-6.7787	1.0003	44.8168	4.0203	1.00028
2700	4.0388	-6.7952	1.0006	44.9995	4.0502	1.00064
2800	4.0594	-6.8114	1.0014	45.1918	4.0951	1.00138
2900	4.0820	-6.8272	1.0028	45.4061	4.1645	1.00282
3000	4.1083	-6.8431	1.0055	45.6622	4.2772	1.00549
3100	4.1409	-6.8594	1.0103	45.9896	4.4621	1.01025
3200	4.1826	-6.8767	1.0184	46.4322	4.7584	1.01842
3300	4.2367	-6.8958	1.0319	47.0529	5.2260	1.03193
3400	4.3057	-6.9177	1.0536	47.9383	5.9459	1.05358
3500	4.3904	-6.9440	1.0871	49.2005	7.0206	1.08715
3600	4.4899	-6.9759	1.1375	50.9800	8.5820	1.13754

LOG P=-5.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.2636	1.0000	32.3288	3.4901	1.00000
200	2.8445	-5.5646	1.0000	34.7554	3.4955	1.00000
300	3.0211	-5.7407	1.0000	36.1752	3.4990	1.00000
400	3.1470	-5.8657	1.0000	37.1846	3.5072	1.00000
500	3.2450	-5.9626	1.0000	37.9733	3.5156	1.00000
600	3.3251	-6.0418	1.0000	38.6273	3.5232	1.00000
700	3.3930	-6.1087	1.0000	39.1912	3.5310	1.00000
800	3.4552	-6.1667	1.0000	39.6906	3.5655	1.00000
900	3.5098	-6.2178	1.0000	40.1404	3.5938	1.00000
1000	3.5589	-6.2638	1.0000	40.5514	3.6218	1.00000
1100	3.6039	-6.3052	1.0000	40.9283	3.6521	1.00000
1200	3.6453	-6.3430	1.0000	41.2776	3.6823	1.00000
1300	3.6835	-6.3777	1.0000	41.6031	3.7120	1.00000
1400	3.7191	-6.4099	1.0000	41.9080	3.7406	1.00000
1500	3.7522	-6.4399	1.0000	42.1945	3.7681	1.00000
1600	3.7832	-6.4679	1.0000	42.4646	3.7942	1.00000
1700	3.8124	-6.4942	1.0000	42.7203	3.8191	1.00000

LOG P=-5.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1800	3.8399	-6.5190	1.0000	42.9628	3.8427	1.00000
1900	3.8659	-6.5425	1.0000	43.1934	3.8650	1.00000
2000	3.8918	-6.5646	1.0000	43.4260	3.8973	1.00000
2100	3.9153	-6.5858	1.0000	43.6376	3.9179	1.00000
2200	3.9378	-6.6060	1.0000	43.8403	3.9386	1.00000
2300	3.9591	-6.6253	1.0000	44.0351	3.9574	1.00001
2400	3.9797	-6.6438	1.0000	44.2229	3.9762	1.00004
2500	3.9996	-6.6616	1.0001	44.4055	3.9966	1.00010
2600	4.0191	-6.6787	1.0003	44.5852	4.0190	1.00025
2700	4.0385	-6.6952	1.0006	44.7660	4.0472	1.00057
2800	4.0588	-6.7113	1.0012	44.9550	4.0888	1.00123
2900	4.0807	-6.7271	1.0025	45.1629	4.1523	1.00251
3000	4.1059	-6.7428	1.0049	45.4075	4.2540	1.00490
3100	4.1368	-6.7589	1.0091	45.7153	4.4203	1.00914
3200	4.1759	-6.7758	1.0164	46.1252	4.6857	1.01642
3300	4.2264	-6.7943	1.0285	46.6933	5.1037	1.02845
3400	4.2909	-6.8153	1.0478	47.4974	5.7471	1.04776
3500	4.3706	-6.8402	1.0777	48.6381	6.7075	1.07773
3600	4.4651	-6.8702	1.1228	50.2438	8.1059	1.12282
3700	4.5711	-6.9067	1.1881	52.4519	10.0661	1.18811
3800	4.6834	-6.9501	1.2784	55.3820	12.6952	1.27845
3900	4.7943	-6.9992	1.3947	59.0264	15.9689	1.39475

LOG P=-5.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.1636	1.0000	32.0985	3.4901	1.00000
200	2.8445	-5.4646	1.0000	34.5252	3.4955	1.00000
300	3.0211	-5.6407	1.0000	35.9450	3.4990	1.00000
400	3.1470	-5.7657	1.0000	36.9543	3.5072	1.00000
500	3.2450	-5.8626	1.0000	37.7431	3.5156	1.00000
600	3.3251	-5.9417	1.0000	38.3970	3.5232	1.00000
700	3.3930	-6.0087	1.0000	38.9610	3.5310	1.00000
800	3.4552	-6.0667	1.0000	39.4603	3.5655	1.00000
900	3.5098	-6.1178	1.0000	39.9101	3.5938	1.00000
1000	3.5589	-6.1638	1.0000	40.3211	3.6218	1.00000
1100	3.6039	-6.2052	1.0000	40.6981	3.6521	1.00000
1200	3.6453	-6.2430	1.0000	41.0474	3.6823	1.00000
1300	3.6835	-6.2777	1.0000	41.3729	3.7120	1.00000
1400	3.7191	-6.3099	1.0000	41.6777	3.7406	1.00000
1500	3.7522	-6.3399	1.0000	41.9642	3.7680	1.00000
1600	3.7832	-6.3679	1.0000	42.2344	3.7942	1.00000
1700	3.8124	-6.3942	1.0000	42.4900	3.8191	1.00000
1800	3.8399	-6.4191	1.0000	42.7325	3.8427	1.00000
1900	3.8659	-6.4425	1.0000	42.9632	3.8650	1.00000
2000	3.8918	-6.4646	1.0000	43.1957	3.8973	1.00000
2100	3.9153	-6.4858	1.0000	43.4074	3.9179	1.00000
2200	3.9378	-6.5060	1.0000	43.6100	3.9386	1.00000
2300	3.9591	-6.5253	1.0000	43.8047	3.9573	1.00001
2400	3.9797	-6.5438	1.0000	43.9924	3.9760	1.00004
2500	3.9996	-6.5616	1.0001	44.1747	3.9961	1.00009
2600	4.0190	-6.5787	1.0002	44.3536	4.0177	1.00022
2700	4.0382	-6.5952	1.0005	44.5329	4.0445	1.00051
2800	4.0582	-6.6112	1.0011	44.7189	4.0833	1.00109
2900	4.0795	-6.6270	1.0022	44.9212	4.1413	1.00224

LOG P=-5.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	4.1038	-6.6426	1.0044	45.1556	4.2335	1.00437
3100	4.1331	-6.6585	1.0081	45.4458	4.3831	1.00815
3200	4.1699	-6.6751	1.0146	45.8265	4.6209	1.01463
3300	4.2170	-6.6930	1.0254	46.3479	4.9948	1.02536
3400	4.2773	-6.7132	1.0426	47.0793	5.5698	1.04258
3500	4.3521	-6.7368	1.0693	48.1111	6.4280	1.06931
3600	4.4416	-6.7651	1.1096	49.5601	7.6796	1.10963
3700	4.5432	-6.7993	1.1683	51.5557	9.4415	1.16826
3800	4.6527	-6.8404	1.2502	54.2236	11.8278	1.25018
3900	4.7630	-6.8874	1.3576	57.5976	14.8574	1.35757
4000	4.8659	-6.9377	1.4862	61.5182	18.3588	1.48619
4100	4.9532	-6.9864	1.6220	65.5568	21.8993	1.62202

LOG P=-5.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-5.0636	1.0000	31.8682	3.4901	1.00000
200	2.8445	-5.3646	1.0000	34.2949	3.4955	1.00000
300	3.0211	-5.5407	1.0000	35.7147	3.4990	1.00000
400	3.1470	-5.6657	1.0000	36.7240	3.5072	1.00000
500	3.2450	-5.7626	1.0000	37.5128	3.5156	1.00000
600	3.3251	-5.8418	1.0000	38.1667	3.5232	1.00000
700	3.3930	-5.9087	1.0000	38.7308	3.5310	1.00000
800	3.4552	-5.9667	1.0000	39.2300	3.5655	1.00000
900	3.5098	-6.0178	1.0000	39.6798	3.5938	1.00000
1000	3.5589	-6.0638	1.0000	40.0909	3.6218	1.00000
1100	3.6039	-6.1052	1.0000	40.4678	3.6521	1.00000
1200	3.6453	-6.1430	1.0000	40.8171	3.6823	1.00000
1300	3.6835	-6.1777	1.0000	41.1426	3.7120	1.00000
1400	3.7191	-6.2099	1.0000	41.4474	3.7406	1.00000
1500	3.7522	-6.2399	1.0000	41.7339	3.7681	1.00000
1600	3.7832	-6.2679	1.0000	42.0041	3.7942	1.00000
1700	3.8124	-6.2942	1.0000	42.2598	3.8191	1.00000
1800	3.8399	-6.3190	1.0000	42.5023	3.8427	1.00000
1900	3.8659	-6.3425	1.0000	42.7330	3.8650	1.00000
2000	3.8918	-6.3646	1.0000	42.9654	3.8973	1.00000
2100	3.9153	-6.3858	1.0000	43.1771	3.9179	1.00000
2200	3.9378	-6.4060	1.0000	43.3797	3.9386	1.00000
2300	3.9591	-6.4253	1.0000	43.5744	3.9572	1.00001
2400	3.9796	-6.4438	1.0000	43.7620	3.9758	1.00003
2500	3.9995	-6.4616	1.0001	43.9440	3.9957	1.00008
2600	4.0188	-6.4787	1.0002	44.1222	4.0167	1.00020
2700	4.0380	-6.4952	1.0005	44.3002	4.0422	1.00045
2800	4.0576	-6.5112	1.0010	44.4835	4.0784	1.00097
2900	4.0785	-6.5269	1.0020	44.6807	4.1316	1.00200
3000	4.1019	-6.5424	1.0039	44.9060	4.2151	1.00389
3100	4.1298	-6.5581	1.0073	45.1805	4.3499	1.00726
3200	4.1644	-6.5744	1.0130	45.5354	4.5631	1.01304
3300	4.2085	-6.5918	1.0226	46.0151	4.8977	1.02261
3400	4.2648	-6.6113	1.0380	46.6817	5.4115	1.03796
3500	4.3349	-6.6337	1.0618	47.6162	6.1784	1.06181
3600	4.4195	-6.6604	1.0978	48.9242	7.2979	1.09783
3700	4.5166	-6.6927	1.1504	50.7263	8.8792	1.15041
3800	4.6227	-6.7313	1.2244	53.1488	11.0380	1.22443
3900	4.7317	-6.7762	1.3230	56.2549	13.8225	1.32299

LOG P=-5.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4000	4.8359	-6.8253	1.4443	59.9580	17.1349	1.44428
4100	4.9275	-6.8745	1.5778	63.9291	20.6407	1.57782
4200	4.9999	-6.9186	1.7050	67.6309	23.8058	1.70497
4300	5.0517	-6.9544	1.8088	70.6092	26.1932	1.80875
4400	5.0855	-6.9817	1.8822	72.7091	27.6719	1.88225

LOG P=-5.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.9636	1.0000	31.6380	3.4901	1.00000
200	2.8445	-5.2646	1.0000	34.0647	3.4955	1.00000
300	3.0211	-5.4407	1.0000	35.4845	3.4990	1.00000
400	3.1470	-5.5657	1.0000	36.4937	3.5072	1.00000
500	3.2450	-5.6626	1.0000	37.2826	3.5156	1.00000
600	3.3251	-5.7417	1.0000	37.9365	3.5232	1.00000
700	3.3930	-5.8087	1.0000	38.5005	3.5310	1.00000
800	3.4552	-5.8667	1.0000	38.9998	3.5655	1.00000
900	3.5098	-5.9178	1.0000	39.4496	3.5938	1.00000
1000	3.5589	-5.9638	1.0000	39.8606	3.6218	1.00000
1100	3.6039	-6.0052	1.0000	40.2375	3.6521	1.00000
1200	3.6453	-6.0430	1.0000	40.5869	3.6823	1.00000
1300	3.6835	-6.0777	1.0000	40.9124	3.7120	1.00000
1400	3.7191	-6.1099	1.0000	41.2172	3.7406	1.00000
1500	3.7522	-6.1399	1.0000	41.5036	3.7681	1.00000
1600	3.7832	-6.1679	1.0000	41.7738	3.7942	1.00000
1700	3.8124	-6.1942	1.0000	42.0295	3.8191	1.00000
1800	3.8399	-6.2190	1.0000	42.2720	3.8427	1.00000
1900	3.8659	-6.2425	1.0000	42.5027	3.8650	1.00000
2000	3.8918	-6.2646	1.0000	42.7352	3.8973	1.00000
2100	3.9153	-6.2858	1.0000	42.9469	3.9179	1.00000
2200	3.9378	-6.3060	1.0000	43.1494	3.9385	1.00000
2300	3.9591	-6.3253	1.0000	43.3441	3.9572	1.00001
2400	3.9796	-6.3438	1.0000	43.5315	3.9756	1.00002
2500	3.9995	-6.3616	1.0001	43.7133	3.9952	1.00007
2600	4.0187	-6.3786	1.0002	43.8909	4.0157	1.00017
2700	4.0378	-6.3951	1.0004	44.0678	4.0400	1.00041
2800	4.0572	-6.4111	1.0009	44.2486	4.0740	1.00087
2900	4.0776	-6.4268	1.0018	44.4413	4.1229	1.00178
3000	4.1002	-6.4422	1.0035	44.6585	4.1987	1.00346
3100	4.1269	-6.4578	1.0065	44.9191	4.3203	1.00647
3200	4.1595	-6.4738	1.0116	45.2508	4.5116	1.01162
3300	4.2008	-6.4908	1.0201	45.6933	4.8111	1.02015
3400	4.2533	-6.5095	1.0338	46.3021	5.2705	1.03383
3500	4.3190	-6.5310	1.0551	47.1497	5.9556	1.05511
3600	4.3987	-6.5562	1.0873	48.3313	6.9565	1.08727
3700	4.4911	-6.5866	1.1344	49.9581	8.3738	1.13436
3800	4.5935	-6.6230	1.2011	52.1529	10.3212	1.20106
3900	4.7005	-6.6656	1.2910	54.9975	12.8659	1.29101
4000	4.8053	-6.7131	1.4043	58.4633	15.9671	1.40430
4100	4.9002	-6.7621	1.5337	62.3133	19.3812	1.53368
4200	4.9781	-6.8078	1.6631	66.0775	22.6391	1.66308
4300	5.0360	-6.8462	1.7747	69.2709	25.2673	1.77473
4400	5.0752	-6.8761	1.8579	71.6314	27.0243	1.85793
4500	5.1003	-6.8987	1.9137	73.2204	27.9934	1.91368
4600	5.1159	-6.9160	1.9484	74.2366	28.3894	1.94842

LOG P=-5.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4700	5.1259	-6.9300	1.9694	74.8880	28.4298	1.96944
4800	5.1325	-6.9420	1.9822	75.3231	28.2679	1.98215
4900	5.1374	-6.9527	1.9900	75.6354	28.0003	1.99001
5000	5.1412	-6.9626	1.9951	75.8794	27.6822	1.99514
5100	5.1445	-6.9720	1.9988	76.0915	27.3490	1.99884
5200	5.1477	-6.9810	2.0019	76.2889	27.0188	2.00187
5300	5.1509	-6.9899	2.0048	76.4867	26.7057	2.00477
5400	5.1543	-6.9987	2.0079	76.6950	26.4180	2.00793

LOG P=-5.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.8636	1.0000	31.4077	3.4901	1.00000
200	2.8445	-5.1646	1.0000	33.8344	3.4955	1.00000
300	3.0211	-5.3407	1.0000	35.2542	3.4990	1.00000
400	3.1470	-5.4657	1.0000	36.2635	3.5072	1.00000
500	3.2450	-5.5626	1.0000	37.0523	3.5156	1.00000
600	3.3251	-5.6418	1.0000	37.7062	3.5232	1.00000
700	3.3930	-5.7087	1.0000	38.2702	3.5310	1.00000
800	3.4552	-5.7667	1.0000	38.7695	3.5655	1.00000
900	3.5098	-5.8178	1.0000	39.2193	3.5938	1.00000
1000	3.5589	-5.8638	1.0000	39.6304	3.6218	1.00000
1100	3.6039	-5.9052	1.0000	40.0073	3.6521	1.00000
1200	3.6453	-5.9430	1.0000	40.3566	3.6823	1.00000
1300	3.6835	-5.9777	1.0000	40.6821	3.7120	1.00000
1400	3.7191	-6.0099	1.0000	40.9869	3.7406	1.00000
1500	3.7522	-6.0399	1.0000	41.2734	3.7681	1.00000
1600	3.7832	-6.0679	1.0000	41.5436	3.7943	1.00000
1700	3.8124	-6.0942	1.0000	41.7993	3.8191	1.00000
1800	3.8399	-6.1190	1.0000	42.0418	3.8427	1.00000
1900	3.8659	-6.1425	1.0000	42.2724	3.8650	1.00000
2000	3.8918	-6.1646	1.0000	42.5049	3.8973	1.00000
2100	3.9153	-6.1858	1.0000	42.7166	3.9179	1.00000
2200	3.9378	-6.2060	1.0000	42.9191	3.9385	1.00000
2300	3.9591	-6.2253	1.0000	43.1138	3.9571	1.00001
2400	3.9796	-6.2438	1.0000	43.3011	3.9755	1.00002
2500	3.9994	-6.2616	1.0001	43.4827	3.9949	1.00006
2600	4.0186	-6.2786	1.0002	43.6598	4.0148	1.00015
2700	4.0375	-6.2951	1.0004	43.8355	4.0382	1.00036
2800	4.0568	-6.3111	1.0008	44.0142	4.0700	1.00077
2900	4.0768	-6.3267	1.0016	44.2030	4.1151	1.00159
3000	4.0987	-6.3421	1.0031	44.4129	4.1841	1.00309
3100	4.1242	-6.3575	1.0058	44.6611	4.2939	1.00577
3200	4.1550	-6.3732	1.0104	44.9720	4.4657	1.01035
3300	4.1937	-6.3898	1.0180	45.3815	4.7339	1.01796
3400	4.2428	-6.4080	1.0302	45.9387	5.1447	1.03016
3500	4.3043	-6.4285	1.0491	46.7088	5.7568	1.04913
3600	4.3792	-6.4525	1.0778	47.7771	6.6515	1.07784
3700	4.4670	-6.4810	1.1200	49.2454	7.9208	1.11997
3800	4.5654	-6.5153	1.1799	51.2309	9.6735	1.17995
3900	4.6698	-6.5556	1.2616	53.8252	11.9877	1.26165
4000	4.7742	-6.6013	1.3665	57.0419	14.8654	1.36652
4100	4.8715	-6.6496	1.4902	60.7269	18.1429	1.49022
4200	4.9543	-6.6963	1.6196	64.4906	21.4294	1.61964
4300	5.0182	-6.7370	1.7374	67.8510	24.2518	1.73740

LOG P=-5.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	5.0631	-6.7695	1.8299	70.4603	26.2789	1.82988
4500	5.0925	-6.7943	1.8946	72.2844	27.4970	1.89459
4600	5.1111	-6.8133	1.9361	73.4757	28.0765	1.93615
4700	5.1229	-6.8283	1.9617	74.2418	28.2363	1.96173
4800	5.1307	-6.8409	1.9773	74.7469	28.1479	1.97731
4900	5.1362	-6.8520	1.9869	75.1003	27.9230	1.98689
5000	5.1403	-6.8621	1.9930	75.3673	27.6290	1.99303
5100	5.1439	-6.8716	1.9973	75.5911	27.3086	1.99730
5200	5.1471	-6.8808	2.0006	75.7926	26.9835	2.00059
5300	5.1503	-6.8897	2.0035	75.9891	26.6696	2.00355
5400	5.1536	-6.8985	2.0066	76.1917	26.3769	2.00660
5500	5.1572	-6.9072	2.0101	76.4093	26.1130	2.01007
5600	5.1612	-6.9159	2.0142	76.6497	25.8853	2.01425
5700	5.1658	-6.9247	2.0194	76.9209	25.6999	2.01944
5800	5.1711	-6.9337	2.0259	77.2314	25.5644	2.02594
5900	5.1772	-6.9428	2.0341	77.5903	25.4866	2.03410
6000	5.1843	-6.9523	2.0443	78.0082	25.4757	2.04430
6100	5.1926	-6.9622	2.0570	78.4966	25.5426	2.05702
6200	5.2023	-6.9725	2.0727	79.0690	25.6984	2.07274
6300	5.2136	-6.9835	2.0920	79.7397	25.9561	2.09206
6400	5.2266	-6.9952	2.1156	80.5252	26.3300	2.11563

LOG P=-5.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.7636	1.0000	31.1774	3.4901	1.00000
200	2.8445	-5.0646	1.0000	33.6042	3.4955	1.00000
300	3.0211	-5.2407	1.0000	35.0240	3.4990	1.00000
400	3.1470	-5.3657	1.0000	36.0332	3.5072	1.00000
500	3.2450	-5.4626	1.0000	36.8221	3.5156	1.00000
600	3.3251	-5.5417	1.0000	37.4759	3.5232	1.00000
700	3.3930	-5.6087	1.0000	38.0399	3.5310	1.00000
800	3.4552	-5.6667	1.0000	38.5392	3.5655	1.00000
900	3.5098	-5.7178	1.0000	38.9890	3.5938	1.00000
1000	3.5589	-5.7638	1.0000	39.4001	3.6218	1.00000
1100	3.6039	-5.8052	1.0000	39.7770	3.6521	1.00000
1200	3.6453	-5.8430	1.0000	40.1263	3.6823	1.00000
1300	3.6835	-5.8777	1.0000	40.4518	3.7120	1.00000
1400	3.7191	-5.9099	1.0000	40.7566	3.7406	1.00000
1500	3.7523	-5.9399	1.0000	41.0431	3.7681	1.00000
1600	3.7832	-5.9679	1.0000	41.3133	3.7942	1.00000
1700	3.8124	-5.9942	1.0000	41.5690	3.8191	1.00000
1800	3.8399	-6.0191	1.0000	41.8115	3.8427	1.00000
1900	3.8659	-6.0425	1.0000	42.0422	3.8650	1.00000
2000	3.8918	-6.0646	1.0000	42.2747	3.8973	1.00000
2100	3.9153	-6.0858	1.0000	42.4863	3.9179	1.00000
2200	3.9378	-6.1060	1.0000	42.6889	3.9385	1.00000
2300	3.9591	-6.1253	1.0000	42.8835	3.9571	1.00001
2400	3.9796	-6.1438	1.0000	43.0707	3.9753	1.00002
2500	3.9994	-6.1616	1.0001	43.2520	3.9945	1.00006
2600	4.0186	-6.1786	1.0001	43.4287	4.0141	1.00014
2700	4.0374	-6.1951	1.0003	43.6035	4.0364	1.00032
2800	4.0564	-6.2111	1.0007	43.7803	4.0665	1.00069
2900	4.0761	-6.2266	1.0014	43.9655	4.1082	1.00141
3000	4.0974	-6.2419	1.0027	44.1690	4.1711	1.00275

LOG P=-5.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3100	4.1218	-6.2572	1.0051	44.4061	4.2704	1.00514
3200	4.1510	-6.2727	1.0092	44.6986	4.4248	1.00923
3300	4.1874	-6.2890	1.0160	45.0786	4.6652	1.01601
3400	4.2333	-6.3066	1.0269	45.5898	5.0326	1.02688
3500	4.2907	-6.3263	1.0438	46.2905	5.5795	1.04380
3600	4.3611	-6.3491	1.0694	47.2575	6.3791	1.06942
3700	4.4441	-6.3760	1.1071	48.5832	7.5149	1.10708
3800	4.5383	-6.4082	1.1609	50.3775	9.0895	1.16092
3900	4.6398	-6.4463	1.2349	52.7365	11.1864	1.23486
4000	4.7431	-6.4899	1.3313	55.7033	13.8369	1.33128
4100	4.8418	-6.5372	1.4481	59.1896	16.9438	1.44812
4200	4.9286	-6.5842	1.5754	62.8925	20.1996	1.57543
4300	4.9983	-6.6268	1.6974	66.3663	23.1626	1.69736
4400	5.0489	-6.6619	1.7983	69.2014	25.4381	1.79827
4500	5.0832	-6.6892	1.8722	71.2677	26.9149	1.87221
4600	5.1052	-6.7100	1.9214	72.6541	27.6996	1.92136
4700	5.1193	-6.7262	1.9523	73.5549	28.0005	1.95231
4800	5.1284	-6.7396	1.9713	74.1452	28.0009	1.97135
4900	5.1347	-6.7511	1.9831	74.5497	27.8297	1.98307
5000	5.1394	-6.7615	1.9905	74.8461	27.5664	1.99050
5100	5.1431	-6.7712	1.9955	75.0858	27.2632	1.99550
5200	5.1465	-6.7805	1.9992	75.2944	26.9458	1.99918
5300	5.1497	-6.7894	2.0023	75.4919	26.6333	2.00228
5400	5.1530	-6.7982	2.0053	75.6907	26.3377	2.00529
5500	5.1565	-6.8068	2.0086	75.9005	26.0669	2.00858
5600	5.1603	-6.8155	2.0124	76.1289	25.8280	2.01243
5700	5.1646	-6.8242	2.0171	76.3838	25.6275	2.01714
5800	5.1695	-6.8330	2.0230	76.6731	25.4721	2.02299
5900	5.1752	-6.8420	2.0303	77.0051	25.3693	2.03030
6000	5.1817	-6.8513	2.0394	77.3893	25.3270	2.03943
6100	5.1894	-6.8608	2.0508	77.8360	25.3549	2.05078
6200	5.1983	-6.8709	2.0648	78.3576	25.4634	2.06481
6300	5.2087	-6.8814	2.0820	78.9669	25.6637	2.08205
6400	5.2206	-6.8926	2.1031	79.6786	25.9690	2.10307
6500	5.2344	-6.9046	2.1286	80.5091	26.3936	2.12857
6600	5.2502	-6.9174	2.1592	81.4756	26.9531	2.15927
6700	5.2680	-6.9313	2.1959	82.5966	27.6635	2.19595
6800	5.2880	-6.9462	2.2394	83.8909	28.5419	2.23946
6900	5.3102	-6.9624	2.2906	85.3775	29.6042	2.29068
7000	5.3346	-6.9798	2.3503	87.0737	30.8656	2.35042
7100	5.3610	-6.9985	2.4193	88.9924	32.3364	2.41939

LOG P=-5.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.6636	1.0000	30.9472	3.4901	1.00000
200	2.8445	-4.9646	1.0000	33.3739	3.4955	1.00000
300	3.0211	-5.1407	1.0000	34.7937	3.4990	1.00000
400	3.1470	-5.2657	1.0000	35.8030	3.5072	1.00000
500	3.2450	-5.3626	1.0000	36.5918	3.5156	1.00000
600	3.3251	-5.4418	1.0000	37.2457	3.5232	1.00000
700	3.3930	-5.5087	1.0000	37.8097	3.5310	1.00000
800	3.4552	-5.5667	1.0000	38.3090	3.5655	1.00000
900	3.5098	-5.6178	1.0000	38.7588	3.5938	1.00000
1000	3.5589	-5.6638	1.0000	39.1698	3.6218	1.00000

LOG P=-5.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1100	3.6039	-5.7052	1.0000	39.5467	3.6521	1.00000
1200	3.6453	-5.7430	1.0000	39.8961	3.6823	1.00000
1300	3.6835	-5.7777	1.0000	40.2216	3.7120	1.00000
1400	3.7191	-5.8099	1.0000	40.5264	3.7406	1.00000
1500	3.7522	-5.8399	1.0000	40.8129	3.7681	1.00000
1600	3.7832	-5.8679	1.0000	41.0831	3.7943	1.00000
1700	3.8124	-5.8942	1.0000	41.3387	3.8191	1.00000
1800	3.8399	-5.9191	1.0000	41.5813	3.8427	1.00000
1900	3.8659	-5.9425	1.0000	41.8119	3.8650	1.00000
2000	3.8918	-5.9646	1.0000	42.0444	3.8973	1.00000
2100	3.9153	-5.9858	1.0000	42.2560	3.9179	1.00000
2200	3.9378	-6.0060	1.0000	42.4586	3.9385	1.00000
2300	3.9591	-6.0253	1.0000	42.6532	3.9570	1.00001
2400	3.9796	-6.0438	1.0000	42.8404	3.9752	1.00002
2500	3.9994	-6.0616	1.0001	43.0215	3.9943	1.00005
2600	4.0185	-6.0786	1.0001	43.1977	4.0134	1.00012
2700	4.0372	-6.0951	1.0003	43.3717	4.0350	1.00029
2800	4.0561	-6.1110	1.0006	43.5468	4.0634	1.00061
2900	4.0754	-6.1265	1.0013	43.7288	4.1021	1.00126
3000	4.0962	-6.1418	1.0025	43.9266	4.1595	1.00245
3100	4.1197	-6.1569	1.0046	44.1538	4.2494	1.00458
3200	4.1475	-6.1723	1.0082	44.4299	4.3884	1.00822
3300	4.1816	-6.1883	1.0143	44.7836	4.6038	1.01427
3400	4.2246	-6.2054	1.0240	45.2537	4.9326	1.02396
3500	4.2782	-6.2243	1.0390	45.8926	5.4214	1.03904
3600	4.3442	-6.2460	1.0619	46.7689	6.1359	1.06190
3700	4.4226	-6.2714	1.0955	47.9664	7.1518	1.09555
3800	4.5125	-6.3017	1.1438	49.5871	8.5645	1.14379
3900	4.6105	-6.3376	1.2105	51.7268	10.4583	1.21051
4000	4.7121	-6.3791	1.2986	54.4477	12.8844	1.29863
4100	4.8114	-6.4250	1.4079	57.7146	15.7980	1.40788
4200	4.9013	-6.4719	1.5313	61.3060	18.9702	1.53128
4300	4.9762	-6.5159	1.6551	64.8318	22.0138	1.65513
4400	5.0327	-6.5534	1.7632	67.8584	24.5049	1.76321
4500	5.0722	-6.5831	1.8463	70.1659	26.2405	1.84634
4600	5.0981	-6.6060	1.9037	71.7641	27.2496	1.90374
4700	5.1148	-6.6237	1.9408	72.8192	27.7128	1.94083
4800	5.1256	-6.6380	1.9640	73.5113	27.8202	1.96401
4900	5.1329	-6.6501	1.9784	73.9788	27.7150	1.97836
5000	5.1382	-6.6609	1.9874	74.3125	27.4910	1.98740
5100	5.1423	-6.6708	1.9934	74.5736	27.2103	1.99336
5200	5.1458	-6.6801	1.9976	74.7927	26.9044	1.99757
5300	5.1491	-6.6891	2.0009	74.9938	26.5963	2.00092
5400	5.1523	-6.6979	2.0040	75.1910	26.2997	2.00398
5500	5.1557	-6.7065	2.0071	75.3949	26.0238	2.00715
5600	5.1594	-6.7151	2.0107	75.6133	25.7757	2.01074
5700	5.1635	-6.7238	2.0150	75.8542	25.5623	2.01504
5800	5.1681	-6.7324	2.0203	76.1248	25.3896	2.02033
5900	5.1734	-6.7413	2.0269	76.4330	25.2643	2.02689
6000	5.1794	-6.7503	2.0350	76.7873	25.1939	2.03506
6100	5.1865	-6.7597	2.0452	77.1970	25.1874	2.04520
6200	5.1947	-6.7694	2.0577	77.6732	25.2537	2.05772
6300	5.2042	-6.7796	2.0731	78.2275	25.4028	2.07310
6400	5.2152	-6.7903	2.0918	78.8730	25.6465	2.09186
6500	5.2279	-6.8017	2.1146	79.6248	25.9981	2.11461

LOG P=-5.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6600	5.2423	-6.8140	2.1420	80.4982	26.4712	2.14202
6700	5.2587	-6.8271	2.1748	81.5101	27.0801	2.17480
6800	5.2772	-6.8412	2.2137	82.6781	27.8417	2.21373
6900	5.2978	-6.8565	2.2596	84.0205	28.7708	2.25963
7000	5.3205	-6.8729	2.3132	85.5539	29.8823	2.31330
7100	5.3453	-6.8906	2.3754	87.2931	31.1887	2.37550
7200	5.3719	-6.9095	2.4467	89.2500	32.6991	2.44685
7300	5.4001	-6.9296	2.5276	91.4277	34.4142	2.52771
7400	5.4295	-6.9508	2.6179	93.8214	36.3271	2.61807
7500	5.4596	-6.9728	2.7173	96.4127	38.4170	2.71744
7600	5.4899	-6.9953	2.8245	99.1696	40.6507	2.82467

LOG P=-5.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.5636	1.0000	30.7169	3.4901	1.00000
200	2.8445	-4.8646	1.0000	33.1436	3.4955	1.00000
300	3.0211	-5.0407	1.0000	34.5634	3.4990	1.00000
400	3.1470	-5.1657	1.0000	35.5727	3.5072	1.00000
500	3.2450	-5.2626	1.0000	36.3615	3.5156	1.00000
600	3.3251	-5.3418	1.0000	37.0154	3.5232	1.00000
700	3.3930	-5.4087	1.0000	37.5794	3.5310	1.00000
800	3.4552	-5.4667	1.0000	38.0787	3.5655	1.00000
900	3.5098	-5.5178	1.0000	38.5285	3.5938	1.00000
1000	3.5589	-5.5638	1.0000	38.9396	3.6218	1.00000
1100	3.6039	-5.6052	1.0000	39.3165	3.6521	1.00000
1200	3.6453	-5.6430	1.0000	39.6658	3.6823	1.00000
1300	3.6835	-5.6777	1.0000	39.9913	3.7119	1.00000
1400	3.7191	-5.7099	1.0000	40.2961	3.7406	1.00000
1500	3.7522	-5.7399	1.0000	40.5826	3.7681	1.00000
1600	3.7832	-5.7679	1.0000	40.8528	3.7942	1.00000
1700	3.8124	-5.7942	1.0000	41.1085	3.8191	1.00000
1800	3.8399	-5.8191	1.0000	41.3510	3.8427	1.00000
1900	3.8659	-5.8425	1.0000	41.5817	3.8650	1.00000
2000	3.8918	-5.8646	1.0000	41.8142	3.8973	1.00000
2100	3.9153	-5.8858	1.0000	42.0258	3.9179	1.00000
2200	3.9378	-5.9060	1.0000	42.2283	3.9385	1.00000
2300	3.9591	-5.9253	1.0000	42.4229	3.9570	1.00001
2400	3.9796	-5.9438	1.0000	42.6100	3.9751	1.00002
2500	3.9993	-5.9616	1.0000	42.7910	3.9940	1.00005
2600	4.0184	-5.9786	1.0001	42.9668	4.0128	1.00011
2700	4.0371	-5.9951	1.0003	43.1401	4.0336	1.00026
2800	4.0558	-6.0110	1.0005	43.3136	4.0606	1.00055
2900	4.0748	-6.0265	1.0011	43.4927	4.0966	1.00112
3000	4.0951	-6.0417	1.0022	43.6855	4.1492	1.00219
3100	4.1178	-6.0567	1.0041	43.9038	4.2308	1.00408
3200	4.1442	-6.0719	1.0073	44.1654	4.3559	1.00733
3300	4.1765	-6.0876	1.0127	44.4955	4.5492	1.01271
3400	4.2166	-6.1043	1.0214	44.9292	4.8436	1.02135
3500	4.2667	-6.1225	1.0348	45.5128	5.2803	1.03480
3600	4.3285	-6.1432	1.0552	46.3081	5.9188	1.05519
3700	4.4024	-6.1673	1.0852	47.3907	6.8271	1.08524
3800	4.4879	-6.1959	1.1284	48.8542	8.0931	1.12843
3900	4.5823	-6.2297	1.1885	50.7917	9.7994	1.18847
4000	4.6816	-6.2690	1.2686	53.2770	12.0091	1.26863

LOG P=-5.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4100	4.7806	-6.3131	1.3699	56.3134	14.7164	1.36992
4200	4.8728	-6.3594	1.4879	59.7504	17.7624	1.48787
4300	4.9521	-6.4043	1.6115	63.2688	20.8274	1.61149
4400	5.0143	-6.4438	1.7250	66.4403	23.4885	1.72501
4500	5.0593	-6.4761	1.8168	68.9744	25.4713	1.81678
4600	5.0896	-6.5012	1.8829	70.7965	26.7187	1.88290
4700	5.1093	-6.5206	1.9270	72.0271	27.3665	1.92697
4800	5.1221	-6.5360	1.9550	72.8394	27.5996	1.95503
4900	5.1307	-6.5488	1.9726	73.3835	27.5744	1.97258
5000	5.1367	-6.5600	1.9836	73.7637	27.3993	1.98361
5100	5.1413	-6.5702	1.9908	74.0521	27.1474	1.99079
5200	5.1451	-6.5797	1.9957	74.2860	26.8574	1.99570
5300	5.1485	-6.5888	1.9994	74.4936	26.5567	1.99942
5400	5.1517	-6.5976	2.0026	74.6915	26.2613	2.00261
5500	5.1550	-6.6062	2.0057	74.8914	25.9823	2.00575
5600	5.1586	-6.6148	2.0091	75.1020	25.7272	2.00915
5700	5.1625	-6.6233	2.0131	75.3309	25.5026	2.01311
5800	5.1668	-6.6319	2.0179	75.5853	25.3150	2.01791
5900	5.1717	-6.6406	2.0238	75.8726	25.1702	2.02382
6000	5.1774	-6.6495	2.0311	76.2003	25.0752	2.03114
6100	5.1839	-6.6586	2.0402	76.5772	25.0380	2.04021
6200	5.1915	-6.6680	2.0514	77.0130	25.0667	2.05139
6300	5.2002	-6.6779	2.0651	77.5183	25.1701	2.06512
6400	5.2103	-6.6882	2.0818	78.1049	25.3589	2.08186
6500	5.2219	-6.6992	2.1021	78.7861	25.6450	2.10216
6600	5.2352	-6.7108	2.1266	79.5761	26.0406	2.12662
6700	5.2503	-6.7233	2.1559	80.4902	26.5594	2.15589
6800	5.2673	-6.7367	2.1907	81.5445	27.2154	2.19069
6900	5.2864	-6.7511	2.2317	82.7562	28.0242	2.23179
7000	5.3075	-6.7666	2.2799	84.1415	28.9991	2.27993
7100	5.3306	-6.7833	2.3358	85.7154	30.1538	2.33588
7200	5.3556	-6.8012	2.4002	87.4917	31.4990	2.40032
7300	5.3824	-6.8203	2.4736	89.4776	33.0401	2.47375
7400	5.4105	-6.8404	2.5562	91.6740	34.7753	2.55638
7500	5.4397	-6.8616	2.6479	94.0715	36.6935	2.64806
7600	5.4693	-6.8834	2.7479	96.6502	38.7726	2.74815
7700	5.4990	-6.9057	2.8550	99.3709	40.9733	2.85524
7800	5.5280	-6.9280	2.9671	102.1841	43.2433	2.96740
7900	5.5558	-6.9500	3.0816	105.0228	45.5170	3.08190
8000	5.5818	-6.9712	3.1954	107.8165	47.7237	3.19577
8100	5.6056	-6.9913	3.3053	110.4897	49.7904	3.30573

LOG P=-4.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.4636	1.0000	30.4867	3.4901	1.00000
200	2.8445	-4.7646	1.0000	32.9134	3.4955	1.00000
300	3.0211	-4.9407	1.0000	34.3332	3.4990	1.00000
400	3.1470	-5.0657	1.0000	35.3425	3.5072	1.00000
500	3.2450	-5.1626	1.0000	36.1313	3.5156	1.00000
600	3.3251	-5.2418	1.0000	36.7852	3.5232	1.00000
700	3.3930	-5.3087	1.0000	37.3492	3.5310	1.00000
800	3.4552	-5.3667	1.0000	37.8485	3.5655	1.00000
900	3.5098	-5.4178	1.0000	38.2982	3.5938	1.00000
1000	3.5589	-5.4638	1.0000	38.7093	3.6218	1.00000

LOG P=-4.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1100	3.6039	-5.5052	1.0000	39.0862	3.6521	1.00000
1200	3.6453	-5.5430	1.0000	39.4355	3.6823	1.00000
1300	3.6835	-5.5777	1.0000	39.7611	3.7120	1.00000
1400	3.7191	-5.6099	1.0000	40.0659	3.7406	1.00000
1500	3.7522	-5.6399	1.0000	40.3524	3.7681	1.00000
1600	3.7832	-5.6679	1.0000	40.6226	3.7942	1.00000
1700	3.8124	-5.6942	1.0000	40.8782	3.8191	1.00000
1800	3.8399	-5.7191	1.0000	41.1207	3.8427	1.00000
1900	3.8659	-5.7425	1.0000	41.3514	3.8649	1.00000
2000	3.8918	-5.7646	1.0000	41.5839	3.8973	1.00000
2100	3.9153	-5.7858	1.0000	41.7955	3.9179	1.00000
2200	3.9378	-5.8060	1.0000	41.9980	3.9385	1.00000
2300	3.9591	-5.8253	1.0000	42.1926	3.9569	1.00001
2400	3.9796	-5.8438	1.0000	42.3797	3.9750	1.00001
2500	3.9993	-5.8616	1.0000	42.5605	3.9938	1.00004
2600	4.0184	-5.8786	1.0001	42.7360	4.0122	1.00010
2700	4.0369	-5.8951	1.0002	42.9085	4.0324	1.00023
2800	4.0555	-5.9110	1.0005	43.0807	4.0582	1.00049
2900	4.0743	-5.9264	1.0010	43.2573	4.0917	1.00100
3000	4.0941	-5.9416	1.0020	43.4455	4.1400	1.00195
3100	4.1161	-5.9565	1.0036	43.6560	4.2141	1.00364
3200	4.1413	-5.9716	1.0065	43.9046	4.3269	1.00653
3300	4.1718	-5.9870	1.0113	44.2138	4.5005	1.01133
3400	4.2095	-6.0033	1.0190	44.6149	4.7642	1.01903
3500	4.2563	-6.0209	1.0310	45.1493	5.1546	1.03102
3600	4.3141	-6.0408	1.0492	45.8722	5.7252	1.04921
3700	4.3836	-6.0636	1.0760	46.8518	6.5370	1.07603
3800	4.4646	-6.0905	1.1147	48.1734	7.6707	1.11466
3900	4.5551	-6.1223	1.1686	49.9257	9.2047	1.16859
4000	4.6516	-6.1595	1.2412	52.1878	11.2090	1.24121
4100	4.7497	-6.2017	1.3344	54.9904	13.7052	1.33440
4200	4.8432	-6.2470	1.4459	58.2438	16.5935	1.44586
4300	4.9262	-6.2922	1.5672	61.6994	19.6230	1.56725
4400	4.9937	-6.3334	1.6842	64.9619	22.4022	1.68419
4500	5.0443	-6.3681	1.7837	67.6981	24.6093	1.78368
4600	5.0794	-6.3956	1.8587	69.7479	26.1002	1.85867
4700	5.1027	-6.4168	1.9104	71.1706	26.9514	1.91038
4800	5.1179	-6.4336	1.9441	72.1222	27.3311	1.94411
4900	5.1280	-6.4473	1.9655	72.7583	27.4027	1.96548
5000	5.1349	-6.4590	1.9790	73.1961	27.2881	1.97897
5100	5.1401	-6.4695	1.9877	73.5193	27.0727	1.98768
5200	5.1442	-6.4792	1.9935	73.7728	26.8035	1.99349
5300	5.1477	-6.4884	1.9977	73.9902	26.5136	1.99773
5400	5.1511	-6.4973	2.0012	74.1913	26.2222	2.00116
5500	5.1544	-6.5059	2.0043	74.3894	25.9421	2.00434
5600	5.1578	-6.5145	2.0076	74.5940	25.6816	2.00762
5700	5.1615	-6.5230	2.0113	74.8130	25.4482	2.01131
5800	5.1656	-6.5315	2.0157	75.0534	25.2473	2.01570
5900	5.1703	-6.5400	2.0210	75.3222	25.0854	2.02105
6000	5.1755	-6.5487	2.0276	75.6265	24.9686	2.02763
6100	5.1816	-6.5576	2.0357	75.9743	24.9043	2.03574
6200	5.1886	-6.5668	2.0457	76.3742	24.8994	2.04574
6300	5.1966	-6.5764	2.0580	76.8360	24.9622	2.05799
6400	5.2059	-6.5864	2.0729	77.3700	25.1024	2.07294
6500	5.2165	-6.5969	2.0910	77.9885	25.3299	2.09106

LOG P=-4.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6600	5.2287	-6.6080	2.1129	78.7040	25.6563	2.11289
6700	5.2426	-6.6199	2.1390	79.5304	26.0937	2.13902
6800	5.2583	-6.6326	2.1701	80.4826	26.6555	2.17011
6900	5.2759	-6.6462	2.2068	81.5764	27.3554	2.20686
7000	5.2955	-6.6609	2.2499	82.8272	28.2067	2.24999
7100	5.3170	-6.6766	2.3002	84.2499	29.2223	2.30023
7200	5.3404	-6.6935	2.3582	85.8591	30.4147	2.35828
7300	5.3656	-6.7116	2.4246	87.6646	31.7913	2.42470
7400	5.3924	-6.7307	2.4998	89.6716	33.3552	2.49991
7500	5.4204	-6.7509	2.5838	91.8777	35.1019	2.58399
7600	5.4492	-6.7720	2.6765	94.2722	37.0190	2.67670
7700	5.4784	-6.7936	2.7769	96.8280	39.0776	2.77711
7800	5.5074	-6.8156	2.8835	99.5084	41.2399	2.88383
7900	5.5356	-6.8375	2.9944	102.2590	43.4513	2.99472
8000	5.5625	-6.8590	3.1069	105.0189	45.6517	3.10724
8100	5.5876	-6.8797	3.2180	107.7167	47.7695	3.21835
8200	5.6105	-6.8992	3.3247	110.2880	49.7430	3.32518
8300	5.6310	-6.9173	3.4246	112.6747	51.5154	3.42506
8400	5.6490	-6.9339	3.5155	114.8359	53.0493	3.51598
8500	5.6644	-6.9489	3.5962	116.7483	54.3261	3.59670
8600	5.6776	-6.9623	3.6663	118.4071	55.3423	3.66679
8700	5.6886	-6.9744	3.7260	119.8238	56.1143	3.72650
8800	5.6978	-6.9851	3.7760	121.0192	56.6645	3.77659
8900	5.7054	-6.9948	3.8175	122.0197	57.0233	3.81808

LOG P=-4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.3636	1.0000	30.2564	3.4901	1.00000
200	2.8445	-4.6646	1.0000	32.6831	3.4955	1.00000
300	3.0211	-4.8407	1.0000	34.1029	3.4990	1.00000
400	3.1470	-4.9657	1.0000	35.1122	3.5072	1.00000
500	3.2450	-5.0626	1.0000	35.9010	3.5156	1.00000
600	3.3251	-5.1417	1.0000	36.5549	3.5232	1.00000
700	3.3930	-5.2087	1.0000	37.1189	3.5310	1.00000
800	3.4552	-5.2667	1.0000	37.6182	3.5655	1.00000
900	3.5098	-5.3178	1.0000	38.0680	3.5938	1.00000
1000	3.5589	-5.3638	1.0000	38.4790	3.6218	1.00000
1100	3.6039	-5.4052	1.0000	38.8560	3.6521	1.00000
1200	3.6453	-5.4430	1.0000	39.2053	3.6823	1.00000
1300	3.6835	-5.4777	1.0000	39.5308	3.7120	1.00000
1400	3.7191	-5.5099	1.0000	39.8356	3.7406	1.00000
1500	3.7522	-5.5399	1.0000	40.1221	3.7680	1.00000
1600	3.7832	-5.5679	1.0000	40.3923	3.7942	1.00000
1700	3.8124	-5.5942	1.0000	40.6479	3.8191	1.00000
1800	3.8399	-5.6191	1.0000	40.8905	3.8427	1.00000
1900	3.8659	-5.6425	1.0000	41.1211	3.8650	1.00000
2000	3.8918	-5.6646	1.0000	41.3537	3.8973	1.00000
2100	3.9153	-5.6858	1.0000	41.5653	3.9179	1.00000
2200	3.9377	-5.7060	1.0000	41.7678	3.9384	1.00000
2300	3.9591	-5.7253	1.0000	41.9623	3.9569	1.00000
2400	3.9795	-5.7438	1.0000	42.1494	3.9749	1.00001
2500	3.9993	-5.7616	1.0000	42.3300	3.9936	1.00004
2600	4.0183	-5.7786	1.0001	42.5052	4.0117	1.00009
2700	4.0368	-5.7950	1.0002	42.6771	4.0314	1.00020

LOG P=-4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2800	4.0553	-5.8110	1.0004	42.8482	4.0560	1.00043
2900	4.0738	-5.8264	1.0009	43.0225	4.0874	1.00090
3000	4.0933	-5.8415	1.0017	43.2067	4.1318	1.00174
3100	4.1145	-5.8564	1.0032	43.4102	4.1993	1.00324
3200	4.1387	-5.8713	1.0058	43.6471	4.3011	1.00582
3300	4.1676	-5.8865	1.0101	43.9376	4.4571	1.01010
3400	4.2030	-5.9024	1.0170	44.3096	4.6933	1.01696
3500	4.2467	-5.9195	1.0277	44.8001	5.0425	1.02765
3600	4.3008	-5.9385	1.0439	45.4585	5.5525	1.04387
3700	4.3660	-5.9603	1.0678	46.3460	6.2779	1.06780
3800	4.4426	-5.9857	1.1023	47.5400	7.2923	1.10233
3900	4.5291	-6.0156	1.1507	49.1236	8.6695	1.15070
4000	4.6225	-6.0507	1.2163	51.1775	10.4815	1.21628
4100	4.7189	-6.0908	1.3015	53.7508	12.7688	1.30154
4200	4.8129	-6.1348	1.4058	56.7994	15.4774	1.40575
4300	4.8989	-6.1798	1.5232	60.1443	18.4242	1.52315
4400	4.9711	-6.2223	1.6414	63.4418	21.2651	1.64144
4500	5.0272	-6.2592	1.7472	66.3416	23.6595	1.74719
4600	5.0674	-6.2890	1.8308	68.6115	25.3893	1.83076
4700	5.0947	-6.3123	1.8907	70.2411	26.4603	1.89070
4800	5.1127	-6.3306	1.9309	71.3517	27.0072	1.93089
4900	5.1247	-6.3453	1.9568	72.0970	27.1931	1.95680
5000	5.1328	-6.3578	1.9733	72.6049	27.1518	1.97325
5100	5.1386	-6.3687	1.9839	72.9715	26.9819	1.98387
5200	5.1432	-6.3786	1.9908	73.2504	26.7398	1.99085
5300	5.1469	-6.3880	1.9958	73.4818	26.4649	1.99577
5400	5.1504	-6.3969	1.9996	73.6891	26.1805	1.99957
5500	5.1537	-6.4056	2.0029	73.8877	25.9018	2.00287
5600	5.1571	-6.4141	2.0061	74.0883	25.6380	2.00611
5700	5.1607	-6.4226	2.0096	74.2994	25.3976	2.00962
5800	5.1646	-6.4310	2.0137	74.5280	25.1859	2.01367
5900	5.1690	-6.4395	2.0185	74.7807	25.0090	2.01853
6000	5.1739	-6.4481	2.0245	75.0645	24.8730	2.02446
6100	5.1795	-6.4568	2.0317	75.3864	24.7845	2.03174
6200	5.1860	-6.4658	2.0407	75.7545	24.7503	2.04068
6300	5.1934	-6.4750	2.0516	76.1774	24.7770	2.05162
6400	5.2019	-6.4847	2.0650	76.6646	24.8735	2.06497
6500	5.2117	-6.4948	2.0811	77.2270	25.0489	2.08113
6600	5.2229	-6.5055	2.1006	77.8759	25.3135	2.10061
6700	5.2356	-6.5168	2.1239	78.6240	25.6783	2.12394
6800	5.2501	-6.5289	2.1517	79.4846	26.1551	2.15171
6900	5.2663	-6.5418	2.1845	80.4723	26.7567	2.18456
7000	5.2844	-6.5557	2.2231	81.6018	27.4960	2.22316
7100	5.3043	-6.5705	2.2681	82.8369	28.3851	2.26819
7200	5.3262	-6.5865	2.3203	84.3426	29.4365	2.32038
7300	5.3499	-6.6035	2.3802	85.9800	30.6594	2.38028
7400	5.3752	-6.6217	2.4483	87.8072	32.0606	2.44844
7500	5.4019	-6.6409	2.5250	89.8271	33.6396	2.52512
7600	5.4297	-6.6611	2.6102	92.0360	35.3911	2.61037
7700	5.4582	-6.6820	2.7034	94.4168	37.2968	2.70367
7800	5.4868	-6.7034	2.8039	96.9443	39.3298	2.80413
7900	5.5151	-6.7251	2.9098	99.5765	41.4473	2.91012
8000	5.5426	-6.7466	3.0193	102.2631	43.5989	3.01962
8100	5.5686	-6.7676	3.1295	104.9404	45.7216	3.12994
8200	5.5928	-6.7877	3.2379	107.5461	47.7543	3.23835

LOG P=-4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8300	5.6149	-6.8066	3.3416	110.0185	49.6363	3.34208
8400	5.6346	-6.8242	3.4382	112.3073	51.3203	3.43875
8500	5.6519	-6.8403	3.5260	114.3762	52.7730	3.52658
8600	5.6667	-6.8549	3.6039	116.2063	53.9787	3.60451
8700	5.6794	-6.8680	3.6717	117.7965	54.9381	3.67224
8800	5.6901	-6.8797	3.7295	119.1573	55.6666	3.73006
8900	5.6990	-6.8903	3.7781	120.3086	56.1855	3.77866
9000	5.7065	-6.8997	3.8184	121.2755	56.5222	3.81905
9100	5.7127	-6.9083	3.8517	122.0848	56.7059	3.85233
9200	5.7178	-6.9161	3.8789	122.7609	56.7621	3.87954
9300	5.7222	-6.9233	3.9011	123.3273	56.7151	3.90170
9400	5.7258	-6.9299	3.9191	123.8044	56.5867	3.91972
9500	5.7289	-6.9361	3.9337	124.2083	56.3928	3.93431
9600	5.7316	-6.9420	3.9456	124.5540	56.1494	3.94616
9700	5.7339	-6.9475	3.9552	124.8523	55.8675	3.95577
9800	5.7360	-6.9529	3.9630	125.1126	55.5566	3.96356
9900	5.7378	-6.9580	3.9694	125.3426	55.2242	3.96991
10000	5.7394	-6.9629	3.9745	125.5480	54.8761	3.97508
10100	5.7409	-6.9677	3.9788	125.7335	54.5175	3.97930
10200	5.7422	-6.9723	3.9822	125.9031	54.1515	3.98277
10300	5.7435	-6.9769	3.9851	126.0593	53.7813	3.98560
10400	5.7446	-6.9813	3.9874	126.2051	53.4091	3.98794
10500	5.7458	-6.9857	3.9894	126.3422	53.0373	3.98988
10600	5.7468	-6.9900	3.9910	126.4720	52.6661	3.99148
10700	5.7479	-6.9942	3.9923	126.5957	52.2968	3.99281
10800	5.7489	-6.9984	3.9934	126.7147	51.9315	3.99392

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.2636	1.0000	30.0262	3.4901	1.00000
200	2.8445	-4.5646	1.0000	32.4529	3.4955	1.00000
300	3.0211	-4.7407	1.0000	33.8727	3.4990	1.00000
400	3.1470	-4.8657	1.0000	34.8820	3.5072	1.00000
500	3.2450	-4.9626	1.0000	35.6708	3.5156	1.00000
600	3.3251	-5.0418	1.0000	36.3247	3.5232	1.00000
700	3.3930	-5.1087	1.0000	36.8887	3.5310	1.00000
800	3.4552	-5.1667	1.0000	37.3880	3.5655	1.00000
900	3.5098	-5.2178	1.0000	37.8378	3.5938	1.00000
1000	3.5589	-5.2638	1.0000	38.2488	3.6218	1.00000
1100	3.6039	-5.3052	1.0000	38.6257	3.6521	1.00000
1200	3.6453	-5.3430	1.0000	38.9751	3.6823	1.00000
1300	3.6835	-5.3777	1.0000	39.3006	3.7120	1.00000
1400	3.7191	-5.4099	1.0000	39.6053	3.7406	1.00000
1500	3.7522	-5.4399	1.0000	39.8918	3.7681	1.00000
1600	3.7832	-5.4679	1.0000	40.1620	3.7942	1.00000
1700	3.8124	-5.4942	1.0000	40.4177	3.8191	1.00000
1800	3.8399	-5.5191	1.0000	40.6602	3.8427	1.00000
1900	3.8659	-5.5425	1.0000	40.8909	3.8649	1.00000
2000	3.8918	-5.5646	1.0000	41.1234	3.8973	1.00000
2100	3.9153	-5.5858	1.0000	41.3350	3.9179	1.00000
2200	3.9377	-5.6060	1.0000	41.5375	3.9384	1.00000
2300	3.9591	-5.6253	1.0000	41.7320	3.9569	1.00000
2400	3.9795	-5.6438	1.0000	41.9191	3.9749	1.00001
2500	3.9993	-5.6616	1.0000	42.0995	3.9934	1.00003

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	4.0183	-5.6786	1.0001	42.2745	4.0113	1.00008
2700	4.0367	-5.6950	1.0002	42.4459	4.0304	1.00018
2800	4.0550	-5.7109	1.0004	42.6159	4.0540	1.00039
2900	4.0734	-5.7263	1.0008	42.7882	4.0835	1.00080
3000	4.0925	-5.7414	1.0015	42.9687	4.1245	1.00155
3100	4.1132	-5.7562	1.0029	43.1660	4.1861	1.00289
3200	4.1364	-5.7710	1.0052	43.3926	4.2781	1.00519
3300	4.1638	-5.7860	1.0090	43.6665	4.4184	1.00900
3400	4.1971	-5.8016	1.0151	44.0126	4.6302	1.01512
3500	4.2380	-5.8182	1.0246	44.4640	4.9426	1.02464
3600	4.2886	-5.8366	1.0391	45.0647	5.3984	1.03910
3700	4.3497	-5.8573	1.0605	45.8697	6.0466	1.06045
3800	4.4220	-5.8813	1.0913	46.9490	6.9540	1.09130
3900	4.5043	-5.9095	1.1346	48.3797	8.1888	1.13463
4000	4.5943	-5.9426	1.1937	50.2408	9.8226	1.19369
4100	4.6886	-5.9806	1.2713	52.5927	11.9071	1.27128
4200	4.7823	-6.0229	1.3679	55.4266	14.4244	1.36789
4300	4.8702	-6.0673	1.4800	58.6241	17.2493	1.47998
4400	4.9466	-6.1105	1.5975	61.9005	20.0960	1.59752
4500	5.0080	-6.1492	1.7078	64.9183	22.6336	1.70780
4600	5.0535	-6.1815	1.7993	67.3913	24.5866	1.79930
4700	5.0852	-6.2070	1.8677	69.2339	25.8852	1.86772
4800	5.1064	-6.2270	1.9150	70.5204	26.6184	1.91504
4900	5.1206	-6.2430	1.9462	71.3926	26.9380	1.94621
5000	5.1301	-6.2562	1.9663	71.9850	26.9856	1.96625
5100	5.1369	-6.2677	1.9792	72.4055	26.8725	1.97922
5200	5.1419	-6.2779	1.9877	72.7168	26.6643	1.98766
5300	5.1460	-6.2875	1.9935	72.9669	26.4094	1.99347
5400	5.1496	-6.2965	1.9978	73.1838	26.1356	1.99778
5500	5.1530	-6.3053	2.0013	73.3853	25.8604	2.00132
5600	5.1564	-6.3138	2.0046	73.5841	25.5957	2.00460
5700	5.1598	-6.3222	2.0080	73.7892	25.3497	2.00799
5800	5.1636	-6.3306	2.0118	74.0079	25.1292	2.01177
5900	5.1677	-6.3390	2.0162	74.2469	24.9398	2.01622
6000	5.1724	-6.3474	2.0216	74.5127	24.7870	2.02160
6100	5.1776	-6.3560	2.0281	74.8118	24.6773	2.02814
6200	5.1836	-6.3648	2.0361	75.1516	24.6167	2.03615
6300	5.1905	-6.3738	2.0459	75.5401	24.6114	2.04594
6400	5.1983	-6.3832	2.0578	75.9856	24.6690	2.05785
6500	5.2073	-6.3930	2.0723	76.4981	24.7979	2.07228
6600	5.2176	-6.4032	2.0897	77.0875	25.0073	2.08966
6700	5.2293	-6.4141	2.1105	77.7656	25.3072	2.11048
6800	5.2426	-6.4256	2.1352	78.5443	25.7082	2.13528
6900	5.2575	-6.4378	2.1646	79.4367	26.2216	2.16463
7000	5.2742	-6.4509	2.1991	80.4567	26.8602	2.19914
7100	5.2927	-6.4650	2.2394	81.6174	27.6347	2.23947
7200	5.3131	-6.4801	2.2862	82.9331	28.5576	2.28629
7300	5.3352	-6.4962	2.3401	84.4157	29.6390	2.34020
7400	5.3590	-6.5133	2.4016	86.0748	30.8864	2.40176
7500	5.3843	-6.5316	2.4712	87.9168	32.3045	2.47138
7600	5.4109	-6.5508	2.5491	89.9431	33.8923	2.54928
7700	5.4384	-6.5709	2.6351	92.1442	35.6390	2.63528
7800	5.4664	-6.5916	2.7286	94.5045	37.5275	2.72888
7900	5.4945	-6.6128	2.8287	96.9946	39.5268	2.82898
8000	5.5222	-6.6341	2.9337	99.5754	41.5970	2.93406

LOG P=-4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8100	5.5488	-6.6552	3.0415	102.1927	43.6841	3.04189
8200	5.5740	-6.6757	3.1495	104.7897	45.7322	3.15000
8300	5.5974	-6.6953	3.2552	107.3054	47.6816	3.25571
8400	5.6187	-6.7137	3.3560	109.6845	49.4790	3.35648
8500	5.6377	-6.7308	3.4496	111.8812	51.0807	3.45013
8600	5.6543	-6.7464	3.5345	113.8644	52.4587	3.53509
8700	5.6687	-6.7606	3.6099	115.6203	53.6015	3.61049
8800	5.6810	-6.7734	3.6755	117.1481	54.5113	3.67611
8900	5.6913	-6.7849	3.7316	118.4586	55.2012	3.73222
9000	5.7001	-6.7952	3.7789	119.5713	55.6947	3.77956
9100	5.7074	-6.8045	3.8184	120.5099	56.0155	3.81906
9200	5.7134	-6.8130	3.8510	121.2977	56.1899	3.85170
9300	5.7186	-6.8207	3.8779	121.9590	56.2433	3.87852
9400	5.7229	-6.8278	3.8998	122.5155	56.1985	3.90047
9500	5.7265	-6.8344	3.9177	122.9853	56.0739	3.91836
9600	5.7296	-6.8405	3.9323	123.3850	55.8874	3.93294
9700	5.7323	-6.8463	3.9442	123.7278	55.6526	3.94481
9800	5.7346	-6.8518	3.9538	124.0242	55.3797	3.95446
9900	5.7366	-6.8571	3.9617	124.2838	55.0784	3.96235
10000	5.7384	-6.8622	3.9682	124.5132	54.7558	3.96879
10100	5.7401	-6.8671	3.9735	124.7185	54.4180	3.97405
10200	5.7415	-6.8718	3.9778	124.9041	54.0688	3.97837
10300	5.7429	-6.8765	3.9813	125.0735	53.7129	3.98192
10400	5.7442	-6.8810	3.9843	125.2301	53.3525	3.98484
10500	5.7454	-6.8854	3.9867	125.3759	52.9889	3.98726
10600	5.7465	-6.8897	3.9887	125.5130	52.6255	3.98926
10700	5.7476	-6.8940	3.9904	125.6428	52.2629	3.99093
10800	5.7486	-6.8982	3.9918	125.7668	51.9022	3.99232
10900	5.7496	-6.9023	3.9930	125.8853	51.5440	3.99348
11000	5.7506	-6.9064	3.9939	125.9996	51.1895	3.99445
11100	5.7515	-6.9104	3.9948	126.1102	50.8385	3.99528
11200	5.7524	-6.9144	3.9955	126.2182	50.4922	3.99598
11300	5.7533	-6.9183	3.9961	126.3234	50.1497	3.99657
11400	5.7542	-6.9222	3.9966	126.4262	49.8122	3.99708
11500	5.7551	-6.9260	3.9971	126.5274	49.4797	3.99753
11600	5.7560	-6.9298	3.9975	126.6267	49.1523	3.99792
11700	5.7569	-6.9336	3.9978	126.7250	48.8297	3.99827
11800	5.7577	-6.9373	3.9982	126.8219	48.5126	3.99859
11900	5.7586	-6.9410	3.9985	126.9182	48.2008	3.99889
12000	5.7595	-6.9447	3.9988	127.0140	47.8951	3.99920
12100	5.7603	-6.9483	3.9991	127.1095	47.5940	3.99949
12200	5.7612	-6.9520	3.9994	127.2049	47.2990	3.99980
12300	5.7621	-6.9555	3.9997	127.3006	47.0098	4.00014
12400	5.7630	-6.9591	4.0001	127.3970	46.7266	4.00052
12500	5.7639	-6.9626	4.0006	127.4948	46.4503	4.00096
12600	5.7648	-6.9662	4.0011	127.5939	46.1803	4.00148
12700	5.7658	-6.9696	4.0017	127.6954	45.9174	4.00208
12800	5.7668	-6.9731	4.0024	127.7998	45.6628	4.00281
12900	5.7678	-6.9766	4.0033	127.9079	45.4162	4.00368
13000	5.7689	-6.9801	4.0044	128.0206	45.1792	4.00474
13100	5.7700	-6.9835	4.0057	128.1387	44.9523	4.00603
13200	5.7712	-6.9870	4.0072	128.2642	44.7368	4.00759
13300	5.7725	-6.9905	4.0091	128.3981	44.5336	4.00948
13400	5.7739	-6.9940	4.0114	128.5420	44.3447	4.01176
13500	5.7755	-6.9975	4.0142	128.6983	44.1720	4.01451

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.1636	1.0000	29.7959	3.4901	1.00000
200	2.8445	-4.4646	1.0000	32.2226	3.4955	1.00000
300	3.0211	-4.6407	1.0000	33.6424	3.4990	1.00000
400	3.1470	-4.7657	1.0000	34.6517	3.5072	1.00000
500	3.2450	-4.8626	1.0000	35.4405	3.5156	1.00000
600	3.3251	-4.9417	1.0000	36.0944	3.5232	1.00000
700	3.3930	-5.0087	1.0000	36.6584	3.5310	1.00000
800	3.4552	-5.0667	1.0000	37.1577	3.5655	1.00000
900	3.5098	-5.1178	1.0000	37.6075	3.5938	1.00000
1000	3.5589	-5.1638	1.0000	38.0185	3.6218	1.00000
1100	3.6039	-5.2052	1.0000	38.3955	3.6521	1.00000
1200	3.6453	-5.2430	1.0000	38.7448	3.6823	1.00000
1300	3.6835	-5.2777	1.0000	39.0703	3.7120	1.00000
1400	3.7191	-5.3099	1.0000	39.3751	3.7406	1.00000
1500	3.7522	-5.3399	1.0000	39.6616	3.7680	1.00000
1600	3.7832	-5.3679	1.0000	39.9318	3.7942	1.00000
1700	3.8124	-5.3942	1.0000	40.1874	3.8191	1.00000
1800	3.8399	-5.4190	1.0000	40.4300	3.8427	1.00000
1900	3.8659	-5.4425	1.0000	40.6606	3.8650	1.00000
2000	3.8918	-5.4646	1.0000	40.8931	3.8973	1.00000
2100	3.9153	-5.4858	1.0000	41.1048	3.9179	1.00000
2200	3.9377	-5.5060	1.0000	41.3073	3.9384	1.00000
2300	3.9591	-5.5253	1.0000	41.5017	3.9569	1.00000
2400	3.9795	-5.5438	1.0000	41.6887	3.9748	1.00001
2500	3.9993	-5.5615	1.0000	41.8690	3.9932	1.00003
2600	4.0182	-5.5786	1.0001	42.0439	4.0109	1.00007
2700	4.0366	-5.5950	1.0002	42.2148	4.0295	1.00016
2800	4.0549	-5.6109	1.0003	42.3838	4.0522	1.00034
2900	4.0731	-5.6263	1.0007	42.5543	4.0800	1.00071
3000	4.0918	-5.6413	1.0014	42.7316	4.1180	1.00138
3100	4.1119	-5.6561	1.0026	42.9233	4.1743	1.00258
3200	4.1343	-5.6708	1.0046	43.1407	4.2576	1.00463
3300	4.1604	-5.6856	1.0080	43.3998	4.3839	1.00802
3400	4.1918	-5.7009	1.0135	43.7228	4.5740	1.01347
3500	4.2301	-5.7171	1.0220	44.1393	4.8535	1.02196
3600	4.2774	-5.7348	1.0349	44.6886	5.2610	1.03485
3700	4.3346	-5.7546	1.0539	45.4199	5.8402	1.05390
3800	4.4027	-5.7774	1.0814	46.3965	6.6515	1.08144
3900	4.4808	-5.8040	1.1202	47.6891	7.7575	1.12021
4000	4.5672	-5.8351	1.1733	49.3732	9.2278	1.17329
4100	4.6589	-5.8711	1.2436	51.5156	11.1194	1.24364
4200	4.7517	-5.9115	1.3326	54.1324	13.4407	1.33255
4300	4.8407	-5.9549	1.4383	57.1540	16.1155	1.43828
4400	4.9203	-5.9983	1.5532	60.3592	18.9183	1.55321
4500	4.9866	-6.0385	1.6661	63.4431	21.5469	1.66606
4600	5.0374	-6.0729	1.7643	66.0884	23.6943	1.76428
4700	5.0739	-6.1008	1.8411	68.1418	25.2209	1.84109
4800	5.0988	-6.1227	1.8962	69.6195	26.1567	1.89618
4900	5.1156	-6.1401	1.9334	70.6375	26.6298	1.93339
5000	5.1268	-6.1543	1.9577	71.3302	26.7824	1.95769
5100	5.1347	-6.1664	1.9735	71.8164	26.7383	1.97350
5200	5.1404	-6.1771	1.9838	72.1684	26.5731	1.98377
5300	5.1450	-6.1869	1.9907	72.4429	26.3440	1.99071
5400	5.1488	-6.1961	1.9957	72.6733	26.0846	1.99570
5500	5.1523	-6.2049	1.9996	72.8809	25.8165	1.99961

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	5.1556	-6.2135	2.0030	73.0801	25.5530	2.00303
5700	5.1591	-6.2219	2.0064	73.2813	25.3038	2.00638
5800	5.1627	-6.2302	2.0100	73.4921	25.0765	2.00998
5900	5.1666	-6.2385	2.0141	73.7196	24.8765	2.01410
6000	5.1710	-6.2469	2.0190	73.9698	24.7092	2.01899
6100	5.1759	-6.2553	2.0249	74.2488	24.5811	2.02489
6200	5.1815	-6.2639	2.0321	74.5637	24.4971	2.03208
6300	5.1879	-6.2727	2.0408	74.9215	24.4633	2.04084
6400	5.1951	-6.2818	2.0515	75.3300	24.4866	2.05149
6500	5.2034	-6.2913	2.0644	75.7978	24.5741	2.06437
6600	5.2128	-6.3012	2.0799	76.3344	24.7344	2.07989
6700	5.2236	-6.3116	2.0984	76.9498	24.9761	2.09847
6800	5.2358	-6.3226	2.1206	77.6551	25.3090	2.12060
6900	5.2495	-6.3342	2.1468	78.4623	25.7438	2.14681
7000	5.2649	-6.3467	2.1776	79.3839	26.2911	2.17766
7100	5.2820	-6.3600	2.2137	80.4322	26.9620	2.21374
7200	5.3009	-6.3742	2.2556	81.6210	27.7680	2.25570
7300	5.3215	-6.3894	2.3040	82.9618	28.7192	2.30412
7400	5.3438	-6.4056	2.3594	84.4654	29.8248	2.35957
7500	5.3677	-6.4229	2.4224	86.1404	31.0913	2.42254
7600	5.3930	-6.4412	2.4932	87.9915	32.5213	2.49341
7700	5.4194	-6.4604	2.5720	90.0153	34.1095	2.57220
7800	5.4465	-6.4803	2.6585	92.2039	35.8467	2.65873
7900	5.4741	-6.5009	2.7520	94.5369	37.7110	2.75231
8000	5.5016	-6.5218	2.8515	96.9858	39.6730	2.85187
8100	5.5285	-6.5427	2.9553	99.5079	41.6899	2.95568
8200	5.5544	-6.5633	3.0613	102.0551	43.7132	3.06172
8300	5.5789	-6.5833	3.1670	104.5712	45.6875	3.16753
8400	5.6015	-6.6024	3.2701	107.0011	47.5591	3.27065
8500	5.6221	-6.6204	3.3680	109.2921	49.2768	3.36862
8600	5.6404	-6.6370	3.4589	111.4038	50.8036	3.45948
8700	5.6565	-6.6523	3.5412	113.3103	52.1151	3.54187
8800	5.6704	-6.6661	3.6143	114.9991	53.2020	3.61501
8900	5.6823	-6.6786	3.6780	116.4705	54.0674	3.67873
9000	5.6924	-6.6899	3.7327	117.7366	54.7255	3.73338
9100	5.7010	-6.7000	3.7789	118.8157	55.1971	3.77965
9200	5.7081	-6.7092	3.8176	119.7284	55.5045	3.81836
9300	5.7141	-6.7175	3.8498	120.4981	55.6731	3.85050
9400	5.7192	-6.7251	3.8763	121.1472	55.7260	3.87704
9500	5.7235	-6.7322	3.8981	121.6948	55.6841	3.89883
9600	5.7271	-6.7387	3.9160	122.1594	55.5664	3.91669
9700	5.7302	-6.7448	3.9306	122.5557	55.3875	3.93129
9800	5.7329	-6.7506	3.9425	122.8963	55.1610	3.94322
9900	5.7352	-6.7561	3.9523	123.1922	54.8981	3.95300
10000	5.7372	-6.7613	3.9603	123.4514	54.6064	3.96099
10100	5.7391	-6.7664	3.9669	123.6809	54.2945	3.96754
10200	5.7407	-6.7712	3.9723	123.8865	53.9666	3.97293
10300	5.7422	-6.7760	3.9767	124.0722	53.6278	3.97735
10400	5.7436	-6.7806	3.9804	124.2422	53.2814	3.98101
10500	5.7449	-6.7850	3.9834	124.3990	52.9299	3.98403
10600	5.7461	-6.7894	3.9859	124.5451	52.5758	3.98653
10700	5.7472	-6.7937	3.9880	124.6825	52.2211	3.98862
10800	5.7483	-6.7980	3.9898	124.8125	51.8668	3.99035
10900	5.7494	-6.8021	3.9912	124.9362	51.5143	3.99181
11000	5.7504	-6.8062	3.9925	125.0547	51.1641	3.99302

LOG P=-4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.7513	-6.8103	3.9935	125.1689	50.8168	3.99405
11200	5.7523	-6.8143	3.9944	125.2798	50.4731	3.99491
11300	5.7532	-6.8182	3.9951	125.3873	50.1337	3.99565
11400	5.7541	-6.8221	3.9957	125.4919	49.7981	3.99629
11500	5.7550	-6.8260	3.9963	125.5947	49.4676	3.99683
11600	5.7559	-6.8298	3.9968	125.6954	49.1415	3.99730
11700	5.7568	-6.8335	3.9972	125.7946	48.8198	3.99771
11800	5.7577	-6.8373	3.9976	125.8922	48.5035	3.99810
11900	5.7585	-6.8410	3.9979	125.9888	48.1920	3.99844
12000	5.7594	-6.8447	3.9983	126.0847	47.8861	3.99876
12100	5.7603	-6.8483	3.9986	126.1799	47.5850	3.99907
12200	5.7611	-6.8519	3.9989	126.2748	47.2896	3.99938
12300	5.7620	-6.8555	3.9993	126.3696	46.9994	3.99971
12400	5.7629	-6.8590	3.9996	126.4648	46.7152	4.00007
12500	5.7638	-6.8626	4.0000	126.5607	46.4373	4.00045
12600	5.7647	-6.8661	4.0005	126.6577	46.1650	4.00090
12700	5.7656	-6.8696	4.0010	126.7561	45.8997	4.00141
12800	5.7666	-6.8730	4.0016	126.8567	45.6414	4.00202
12900	5.7676	-6.8765	4.0023	126.9601	45.3905	4.00274
13000	5.7686	-6.8799	4.0032	127.0670	45.1476	4.00360
13100	5.7697	-6.8834	4.0042	127.1781	44.9139	4.00464
13200	5.7708	-6.8868	4.0055	127.2948	44.6900	4.00591
13300	5.7720	-6.8903	4.0070	127.4181	44.4769	4.00743
13400	5.7733	-6.8937	4.0089	127.5496	44.2757	4.00926
13500	5.7747	-6.8972	4.0111	127.6904	44.0882	4.01148
13600	5.7762	-6.9007	4.0138	127.8430	43.9156	4.01414
13700	5.7778	-6.9042	4.0169	128.0090	43.7607	4.01733
13800	5.7796	-6.9078	4.0208	128.1912	43.6251	4.02113
13900	5.7816	-6.9114	4.0253	128.3918	43.5113	4.02568
14000	5.7840	-6.9151	4.0307	128.6347	43.4424	4.03107
14100	5.7863	-6.9189	4.0371	128.8622	43.3614	4.03745
14200	5.7891	-6.9228	4.0446	129.1391	43.3316	4.04500
14300	5.7922	-6.9268	4.0535	129.4487	43.3373	4.05383
14400	5.7957	-6.9309	4.0638	129.7963	43.3824	4.06418
14500	5.7996	-6.9352	4.0759	130.1858	43.4715	4.07621
14600	5.8039	-6.9397	4.0898	130.6222	43.6089	4.09015
14700	5.8088	-6.9443	4.1059	131.1113	43.7994	4.10622
14800	5.8142	-6.9492	4.1243	131.6578	44.0480	4.12463
14900	5.8202	-6.9543	4.1452	132.2664	44.3591	4.14560
15000	5.8268	-6.9597	4.1690	132.9421	44.7365	4.16935

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-4.0636	1.0000	29.5657	3.4901	1.00000
200	2.8445	-4.3646	1.0000	31.9923	3.4955	1.00000
300	3.0211	-4.5407	1.0000	33.4121	3.4990	1.00000
400	3.1470	-4.6657	1.0000	34.4215	3.5072	1.00000
500	3.2450	-4.7626	1.0000	35.2102	3.5156	1.00000
600	3.3251	-4.8418	1.0000	35.8641	3.5232	1.00000
700	3.3930	-4.9087	1.0000	36.4281	3.5310	1.00000
800	3.4552	-4.9667	1.0000	36.9274	3.5655	1.00000
900	3.5098	-5.0178	1.0000	37.3772	3.5938	1.00000
1000	3.5589	-5.0638	1.0000	37.7883	3.6218	1.00000
1100	3.6039	-5.1052	1.0000	38.1652	3.6521	1.00000

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-5.1430	1.0000	38.5145	3.6823	1.00000
1300	3.6835	-5.1777	1.0000	38.8401	3.7120	1.00000
1400	3.7191	-5.2099	1.0000	39.1448	3.7406	1.00000
1500	3.7522	-5.2399	1.0000	39.4313	3.7681	1.00000
1600	3.7832	-5.2679	1.0000	39.7015	3.7942	1.00000
1700	3.8124	-5.2942	1.0000	39.9572	3.8191	1.00000
1800	3.8399	-5.3191	1.0000	40.1997	3.8427	1.00000
1900	3.8659	-5.3425	1.0000	40.4304	3.8650	1.00000
2000	3.8918	-5.3646	1.0000	40.6628	3.8973	1.00000
2100	3.9153	-5.3858	1.0000	40.8745	3.9179	1.00000
2200	3.9377	-5.4060	1.0000	41.0770	3.9384	1.00000
2300	3.9591	-5.4253	1.0000	41.2714	3.9569	1.00000
2400	3.9795	-5.4438	1.0000	41.4584	3.9748	1.00001
2500	3.9992	-5.4616	1.0000	41.6387	3.9931	1.00002
2600	4.0182	-5.4786	1.0001	41.8133	4.0106	1.00006
2700	4.0365	-5.4950	1.0001	41.9837	4.0288	1.00014
2800	4.0547	-5.5109	1.0003	42.1519	4.0507	1.00031
2900	4.0727	-5.5263	1.0006	42.3208	4.0769	1.00063
3000	4.0912	-5.5413	1.0012	42.4952	4.1122	1.00123
3100	4.1109	-5.5560	1.0023	42.6820	4.1638	1.00230
3200	4.1324	-5.5705	1.0041	42.8911	4.2393	1.00413
3300	4.1573	-5.5852	1.0071	43.1371	4.3531	1.00715
3400	4.1870	-5.6003	1.0120	43.4395	4.5238	1.01201
3500	4.2230	-5.6161	1.0196	43.8249	4.7741	1.01957
3600	4.2671	-5.6332	1.0311	44.3283	5.1386	1.03106
3700	4.3207	-5.6522	1.0481	44.9938	5.6561	1.04805
3800	4.3847	-5.6738	1.0726	45.8783	6.3813	1.07263
3900	4.4586	-5.6989	1.1073	47.0463	7.3714	1.10729
4000	4.5412	-5.7282	1.1549	48.5692	8.6917	1.15492
4100	4.6299	-5.7622	1.2185	50.5154	10.4027	1.21848
4200	4.7212	-5.8007	1.2998	52.9178	12.5296	1.29980
4300	4.8106	-5.8428	1.3986	55.7473	15.0355	1.39856
4400	4.8927	-5.8858	1.5094	58.8400	17.7509	1.50936
4500	4.9632	-5.9270	1.6227	61.9360	20.4180	1.62271
4600	5.0192	-5.9634	1.7262	64.7151	22.7226	1.72617
4700	5.0607	-5.9936	1.8109	66.9675	24.4664	1.81091
4800	5.0897	-6.0176	1.8741	68.6438	25.6145	1.87407
4900	5.1095	-6.0366	1.9180	69.8240	26.2597	1.91800
5000	5.1228	-6.0520	1.9473	70.6340	26.5360	1.94726
5100	5.1320	-6.0649	1.9665	71.1994	26.5753	1.96652
5200	5.1386	-6.0761	1.9790	71.6021	26.4632	1.97903
5300	5.1437	-6.0862	1.9874	71.9078	26.2670	1.98740
5400	5.1478	-6.0956	1.9933	72.1563	26.0270	1.99328
5500	5.1515	-6.1045	1.9977	72.3732	25.7690	1.99769
5600	5.1549	-6.1131	2.0014	72.5755	25.5094	2.00136
5700	5.1583	-6.1215	2.0048	72.7749	25.2595	2.00476
5800	5.1618	-6.1298	2.0082	72.9799	25.0268	2.00824
5900	5.1656	-6.1381	2.0121	73.1977	24.8181	2.01211
6000	5.1698	-6.1464	2.0166	73.4345	24.6387	2.01659
6100	5.1744	-6.1547	2.0219	73.6961	24.4942	2.02195
6200	5.1796	-6.1632	2.0284	73.9890	24.3898	2.02842
6300	5.1855	-6.1718	2.0363	74.3197	24.3308	2.03628
6400	5.1922	-6.1806	2.0458	74.6952	24.3234	2.04580
6500	5.1998	-6.1898	2.0573	75.1234	24.3743	2.05731
6600	5.2085	-6.1994	2.0711	75.6129	24.4907	2.07117

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.2184	-6.2094	2.0877	76.1724	24.6805	2.08775
6800	5.2296	-6.2199	2.1075	76.8122	24.9526	2.10750
6900	5.2423	-6.2310	2.1309	77.5430	25.3166	2.13089
7000	5.2564	-6.2428	2.1584	78.3763	25.7828	2.15846
7100	5.2722	-6.2554	2.1907	79.3234	26.3602	2.19071
7200	5.2897	-6.2689	2.2282	80.3972	27.0606	2.22827
7300	5.3088	-6.2833	2.2716	81.6092	27.8938	2.27169
7400	5.3297	-6.2986	2.3214	82.9702	28.8689	2.32154
7500	5.3521	-6.3149	2.3782	84.4897	29.9934	2.37834
7600	5.3760	-6.3322	2.4424	86.1750	31.2731	2.44254
7700	5.4011	-6.3505	2.5141	88.0267	32.7066	2.51432
7800	5.4273	-6.3696	2.5935	90.0427	34.2904	2.59375
7900	5.4541	-6.3894	2.6802	92.2103	36.0104	2.68046
8000	5.4811	-6.4097	2.7734	94.5110	37.8469	2.77380
8100	5.5080	-6.4303	2.8721	96.9125	39.7658	2.87250
8200	5.5343	-6.4508	2.9745	99.3763	41.7292	2.97499
8300	5.5594	-6.4710	3.0786	101.8526	43.6873	3.07914
8400	5.5832	-6.4906	3.1821	104.2902	45.5901	3.18268
8500	5.6051	-6.5092	3.2826	106.6357	47.3854	3.28319
8600	5.6250	-6.5267	3.3778	108.8435	49.0297	3.37849
8700	5.6427	-6.5430	3.4661	110.8777	50.4889	3.46682
8800	5.6583	-6.5578	3.5462	112.7148	51.7417	3.54691
8900	5.6719	-6.5714	3.6173	114.3433	52.7799	3.61807
9000	5.6835	-6.5836	3.6794	115.7659	53.6077	3.68018
9100	5.6934	-6.5947	3.7328	116.9937	54.2394	3.73360
9200	5.7017	-6.6047	3.7781	118.0422	54.6923	3.77893
9300	5.7088	-6.6137	3.8162	118.9323	54.9891	3.81699
9400	5.7147	-6.6220	3.8479	119.6867	55.1549	3.84874
9500	5.7197	-6.6295	3.8742	120.3244	55.2088	3.87504
9600	5.7240	-6.6365	3.8960	120.8653	55.1715	3.89675
9700	5.7276	-6.6430	3.9138	121.3255	55.0604	3.91462
9800	5.7307	-6.6491	3.9285	121.7193	54.8904	3.92930
9900	5.7334	-6.6548	3.9406	122.0593	54.6740	3.94136
10000	5.7358	-6.6603	3.9505	122.3548	54.4212	3.95126
10100	5.7378	-6.6655	3.9587	122.6142	54.1404	3.95940
10200	5.7397	-6.6705	3.9654	122.8445	53.8386	3.96610
10300	5.7414	-6.6753	3.9709	123.0504	53.5210	3.97162
10400	5.7429	-6.6800	3.9755	123.2372	53.1924	3.97618
10500	5.7443	-6.6846	3.9793	123.4077	52.8558	3.97996
10600	5.7456	-6.6891	3.9824	123.5653	52.5138	3.98310
10700	5.7468	-6.6934	3.9850	123.7120	52.1687	3.98570
10800	5.7479	-6.6977	3.9872	123.8497	51.8227	3.98787
10900	5.7490	-6.7019	3.9890	123.9798	51.4772	3.98970
11000	5.7501	-6.7060	3.9906	124.1038	51.1324	3.99122
11100	5.7511	-6.7101	3.9919	124.2225	50.7897	3.99251
11200	5.7521	-6.7141	3.9930	124.3370	50.4504	3.99359
11300	5.7530	-6.7181	3.9939	124.4476	50.1141	3.99451
11400	5.7540	-6.7220	3.9947	124.5548	49.7813	3.99529
11500	5.7549	-6.7259	3.9954	124.6596	49.4522	3.99597
11600	5.7558	-6.7297	3.9960	124.7619	49.1278	3.99655
11700	5.7567	-6.7335	3.9965	124.8625	48.8079	3.99705
11800	5.7576	-6.7372	3.9969	124.9611	48.4925	3.99750
11900	5.7584	-6.7409	3.9973	125.0584	48.1818	3.99790
12000	5.7593	-6.7446	3.9977	125.1548	47.8765	3.99826
12100	5.7602	-6.7482	3.9981	125.2501	47.5760	3.99861

LOG P=-4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7610	-6.7519	3.9984	125.3448	47.2800	3.99894
12300	5.7619	-6.7554	3.9988	125.4392	46.9899	3.99927
12400	5.7628	-6.7590	3.9991	125.5335	46.7048	3.99961
12500	5.7637	-6.7625	3.9995	125.6280	46.4253	3.99997
12600	5.7646	-6.7660	3.9999	125.7234	46.1518	4.00037
12700	5.7655	-6.7695	4.0003	125.8195	45.8841	4.00081
12800	5.7664	-6.7730	4.0009	125.9173	45.6231	4.00133
12900	5.7673	-6.7764	4.0015	126.0170	45.3688	4.00194
13000	5.7683	-6.7798	4.0022	126.1192	45.1214	4.00265
13100	5.7693	-6.7833	4.0031	126.2247	44.8822	4.00350
13200	5.7704	-6.7867	4.0041	126.3345	44.6517	4.00453
13300	5.7715	-6.7901	4.0053	126.4493	44.4303	4.00576
13400	5.7727	-6.7935	4.0068	126.5706	44.2193	4.00723
13500	5.7740	-6.7969	4.0086	126.6992	44.0202	4.00901
13600	5.7753	-6.8004	4.0107	126.8370	43.8335	4.01114
13700	5.7768	-6.8038	4.0133	126.9854	43.6616	4.01369
13800	5.7784	-6.8073	4.0163	127.1468	43.5060	4.01674
13900	5.7802	-6.8108	4.0200	127.3228	43.3685	4.02038
14000	5.7823	-6.8144	4.0243	127.5367	43.2719	4.02471
14100	5.7843	-6.8181	4.0294	127.7304	43.1582	4.02983
14200	5.7867	-6.8218	4.0355	127.9680	43.0909	4.03591
14300	5.7893	-6.8256	4.0426	128.2323	43.0530	4.04304
14400	5.7923	-6.8295	4.0510	128.5278	43.0480	4.05141
14500	5.7956	-6.8336	4.0608	128.8578	43.0803	4.06117
14600	5.7994	-6.8378	4.0721	129.2266	43.1529	4.07252
14700	5.8035	-6.8421	4.0853	129.6398	43.2711	4.08566
14800	5.8081	-6.8467	4.1004	130.1015	43.4385	4.10077
14900	5.8133	-6.8514	4.1177	130.6164	43.6603	4.11808
15000	5.8190	-6.8564	4.1374	131.1893	43.9401	4.13780

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.9636	1.0000	29.3354	3.4901	1.00000
200	2.8445	-4.2646	1.0000	31.7621	3.4955	1.00000
300	3.0211	-4.4407	1.0000	33.1819	3.4990	1.00000
400	3.1470	-4.5657	1.0000	34.1912	3.5072	1.00000
500	3.2450	-4.6626	1.0000	34.9800	3.5156	1.00000
600	3.3251	-4.7418	1.0000	35.6339	3.5232	1.00000
700	3.3930	-4.8087	1.0000	36.1979	3.5310	1.00000
800	3.4552	-4.8667	1.0000	36.6972	3.5655	1.00000
900	3.5098	-4.9178	1.0000	37.1470	3.5938	1.00000
1000	3.5589	-4.9638	1.0000	37.5580	3.6218	1.00000
1100	3.6039	-5.0052	1.0000	37.9349	3.6521	1.00000
1200	3.6453	-5.0430	1.0000	38.2843	3.6823	1.00000
1300	3.6835	-5.0777	1.0000	38.6098	3.7120	1.00000
1400	3.7191	-5.1099	1.0000	38.9146	3.7406	1.00000
1500	3.7522	-5.1399	1.0000	39.2011	3.7681	1.00000
1600	3.7832	-5.1679	1.0000	39.4713	3.7942	1.00000
1700	3.8124	-5.1942	1.0000	39.7269	3.8191	1.00000
1800	3.8399	-5.2190	1.0000	39.9695	3.8427	1.00000
1900	3.8659	-5.2425	1.0000	40.2001	3.8650	1.00000
2000	3.8918	-5.2646	1.0000	40.4326	3.8973	1.00000
2100	3.9153	-5.2858	1.0000	40.6442	3.9179	1.00000
2200	3.9377	-5.3060	1.0000	40.8467	3.9384	1.00000

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-5.3253	1.0000	41.0412	3.9568	1.00000
2400	3.9795	-5.3438	1.0000	41.2281	3.9747	1.00001
2500	3.9992	-5.3616	1.0000	41.4083	3.9930	1.00002
2600	4.0181	-5.3786	1.0001	41.5827	4.0103	1.00006
2700	4.0365	-5.3950	1.0001	41.7528	4.0281	1.00013
2800	4.0545	-5.4109	1.0003	41.9201	4.0493	1.00027
2900	4.0724	-5.4262	1.0006	42.0877	4.0742	1.00057
3000	4.0906	-5.4412	1.0011	42.2595	4.1070	1.00110
3100	4.1099	-5.4558	1.0020	42.4418	4.1545	1.00205
3200	4.1308	-5.4703	1.0037	42.6437	4.2230	1.00368
3300	4.1546	-5.4849	1.0064	42.8778	4.3258	1.00637
3400	4.1827	-5.4997	1.0107	43.1619	4.4792	1.01070
3500	4.2165	-5.5152	1.0174	43.5196	4.7033	1.01745
3600	4.2578	-5.5318	1.0277	43.9820	5.0293	1.02769
3700	4.3079	-5.5500	1.0428	44.5888	5.4918	1.04284
3800	4.3680	-5.5706	1.0648	45.3911	6.1401	1.06477
3900	4.4378	-5.5944	1.0957	46.4471	7.0257	1.09574
4000	4.5164	-5.6220	1.1384	47.8236	8.2097	1.13842
4100	4.6019	-5.6540	1.1957	49.5881	9.7534	1.19568
4200	4.6911	-5.6906	1.2697	51.7848	11.6922	1.26971
4300	4.7802	-5.7310	1.3612	54.4126	14.0183	1.36117
4400	4.8639	-5.7733	1.4666	57.3591	16.6131	1.46657
4500	4.9381	-5.8151	1.5785	60.4173	19.2684	1.57852
4600	4.9989	-5.8531	1.6854	63.2832	21.6834	1.68540
4700	5.0454	-5.8854	1.7771	65.7097	23.6222	1.77708
4800	5.0789	-5.9116	1.8484	67.5864	24.9866	1.84839
4900	5.1021	-5.9325	1.8997	68.9440	25.8194	1.89967
5000	5.1179	-5.9492	1.9346	69.8887	26.2377	1.93463
5100	5.1288	-5.9630	1.9580	70.5483	26.3758	1.95796
5200	5.1364	-5.9748	1.9732	71.0127	26.3287	1.97320
5300	5.1421	-5.9853	1.9834	71.3576	26.1739	1.98336
5400	5.1467	-5.9949	1.9904	71.6297	25.9590	1.99037
5500	5.1506	-6.0040	1.9955	71.8602	25.7154	1.99547
5600	5.1541	-6.0127	1.9995	72.0686	25.4629	1.99953
5700	5.1575	-6.0212	2.0031	72.2686	25.2145	2.00307
5800	5.1610	-6.0295	2.0065	72.4700	24.9793	2.00653
5900	5.1647	-6.0377	2.0102	72.6802	24.7639	2.01021
6000	5.1686	-6.0459	2.0144	72.9058	24.5740	2.01438
6100	5.1730	-6.0541	2.0193	73.1523	24.4158	2.01926
6200	5.1779	-6.0624	2.0251	73.4259	24.2934	2.02511
6300	5.1834	-6.0709	2.0322	73.7326	24.2122	2.03218
6400	5.1896	-6.0796	2.0407	74.0789	24.1776	2.04070
6500	5.1967	-6.0885	2.0510	74.4719	24.1956	2.05099
6600	5.2047	-6.0977	2.0633	74.9192	24.2730	2.06337
6700	5.2138	-6.1074	2.0781	75.4290	24.4168	2.07817
6800	5.2241	-6.1175	2.0958	76.0102	24.6347	2.09580
6900	5.2357	-6.1281	2.1166	76.6728	24.9358	2.11668
7000	5.2487	-6.1394	2.1412	77.4269	25.3282	2.14129
7100	5.2633	-6.1513	2.1701	78.2833	25.8221	2.17012
7200	5.2794	-6.1641	2.2036	79.2536	26.4269	2.20371
7300	5.2971	-6.1777	2.2425	80.3487	27.1525	2.24260
7400	5.3165	-6.1921	2.2872	81.5795	28.0081	2.28734
7500	5.3375	-6.2076	2.3383	82.9558	29.0023	2.33846
7600	5.3600	-6.2240	2.3963	84.4863	30.1413	2.39643
7700	5.3838	-6.2413	2.4613	86.1746	31.4273	2.46155

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.4088	-6.2595	2.5338	88.0228	32.8606	2.53408
7900	5.4346	-6.2785	2.6136	90.0242	34.4335	2.61386
8000	5.4610	-6.2981	2.7002	92.1676	36.1329	2.70059
8100	5.4875	-6.3181	2.7930	94.4294	37.9346	2.79336
8200	5.5138	-6.3384	2.8906	96.7812	39.8094	2.89106
8300	5.5394	-6.3586	2.9915	99.1822	41.7161	2.99199
8400	5.5639	-6.3783	3.0936	101.5878	43.6111	3.09419
8500	5.5869	-6.3975	3.1948	103.9474	45.4437	3.19542
8600	5.6082	-6.4157	3.2928	106.2139	47.1686	3.29347
8700	5.6274	-6.4328	3.3856	108.3445	48.7446	3.38631
8800	5.6447	-6.4486	3.4715	110.3068	50.1419	3.47228
8900	5.6599	-6.4631	3.5494	112.0788	51.3404	3.55022
9000	5.6730	-6.4764	3.6188	113.6531	52.3359	3.61958
9100	5.6844	-6.4884	3.6795	115.0323	53.1322	3.68031
9200	5.6941	-6.4993	3.7318	116.2249	53.7406	3.73264
9300	5.7023	-6.5092	3.7764	117.2478	54.1801	3.77723
9400	5.7093	-6.5181	3.8140	118.1203	54.4708	3.81484
9500	5.7152	-6.5263	3.8454	118.8614	54.6349	3.84632
9600	5.7202	-6.5338	3.8717	119.4911	54.6919	3.87252
9700	5.7244	-6.5407	3.8934	120.0267	54.6603	3.89423
9800	5.7281	-6.5471	3.9113	120.4839	54.5577	3.91218
9900	5.7312	-6.5532	3.9261	120.8768	54.3969	3.92699
10000	5.7339	-6.5589	3.9384	121.2162	54.1912	3.93920
10100	5.7363	-6.5644	3.9484	121.5122	53.9490	3.94927
10200	5.7384	-6.5695	3.9568	121.7726	53.6792	3.95759
10300	5.7403	-6.5745	3.9636	122.0035	53.3873	3.96445
10400	5.7420	-6.5793	3.9693	122.2109	53.0806	3.97014
10500	5.7435	-6.5840	3.9741	122.3985	52.7617	3.97485
10600	5.7449	-6.5886	3.9780	122.5701	52.4348	3.97877
10700	5.7462	-6.5930	3.9813	122.7287	52.1024	3.98203
10800	5.7475	-6.5973	3.9840	122.8760	51.7667	3.98475
10900	5.7486	-6.6016	3.9863	123.0144	51.4298	3.98704
11000	5.7497	-6.6058	3.9882	123.1451	51.0919	3.98894
11100	5.7508	-6.6099	3.9899	123.2694	50.7552	3.99055
11200	5.7518	-6.6139	3.9912	123.3885	50.4211	3.99191
11300	5.7528	-6.6179	3.9924	123.5030	50.0886	3.99306
11400	5.7538	-6.6218	3.9934	123.6135	49.7589	3.99404
11500	5.7547	-6.6257	3.9942	123.7210	49.4334	3.99489
11600	5.7556	-6.6296	3.9950	123.8255	49.1115	3.99560
11700	5.7566	-6.6334	3.9956	123.9279	48.7939	3.99622
11800	5.7574	-6.6371	3.9961	124.0280	48.4802	3.99677
11900	5.7583	-6.6408	3.9966	124.1264	48.1707	3.99725
12000	5.7592	-6.6445	3.9971	124.2236	47.8656	3.99767
12100	5.7601	-6.6482	3.9975	124.3193	47.5657	3.99806
12200	5.7610	-6.6518	3.9978	124.4144	47.2706	3.99843
12300	5.7618	-6.6554	3.9982	124.5087	46.9803	3.99879
12400	5.7627	-6.6589	3.9986	124.6027	46.6950	3.99913
12500	5.7636	-6.6624	3.9989	124.6963	46.4143	3.99948
12600	5.7645	-6.6660	3.9993	124.7905	46.1402	3.99986
12700	5.7653	-6.6694	3.9997	124.8850	45.8706	4.00026
12800	5.7662	-6.6729	4.0002	124.9806	45.6076	4.00072
12900	5.7672	-6.6763	4.0007	125.0776	45.3507	4.00124
13000	5.7681	-6.6797	4.0013	125.1762	45.1003	4.00183
13100	5.7691	-6.6831	4.0020	125.2773	44.8568	4.00254
13200	5.7701	-6.6865	4.0029	125.3817	44.6208	4.00339

LOG P=-4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7712	-6.6899	4.0039	125.4899	44.3931	4.00439
13400	5.7723	-6.6933	4.0051	125.6030	44.1745	4.00558
13500	5.7734	-6.6967	4.0065	125.7218	43.9657	4.00701
13600	5.7747	-6.7001	4.0082	125.8480	43.7680	4.00872
13700	5.7760	-6.7035	4.0103	125.9823	43.5825	4.01077
13800	5.7775	-6.7069	4.0127	126.1269	43.4109	4.01321
13900	5.7790	-6.7104	4.0157	126.2831	43.2541	4.01613
14000	5.7810	-6.7139	4.0191	126.4736	43.1351	4.01960
14100	5.7826	-6.7174	4.0233	126.6400	42.9952	4.02371
14200	5.7847	-6.7210	4.0281	126.8457	42.8972	4.02858
14300	5.7870	-6.7247	4.0339	127.0729	42.8236	4.03432
14400	5.7896	-6.7284	4.0406	127.3255	42.7779	4.04107
14500	5.7924	-6.7323	4.0485	127.6063	42.7626	4.04896
14600	5.7956	-6.7362	4.0577	127.9191	42.7819	4.05816
14700	5.7992	-6.7403	4.0684	128.2686	42.8390	4.06883
14800	5.8031	-6.7446	4.0807	128.6588	42.9385	4.08117
14900	5.8075	-6.7490	4.0949	129.0939	43.0839	4.09537
15000	5.8124	-6.7537	4.1112	129.5786	43.2803	4.11161

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.8636	1.0000	29.1051	3.4901	1.00000
200	2.8445	-4.1646	1.0000	31.5318	3.4955	1.00000
300	3.0211	-4.3407	1.0000	32.9516	3.4990	1.00000
400	3.1470	-4.4657	1.0000	33.9609	3.5072	1.00000
500	3.2450	-4.5626	1.0000	34.7497	3.5156	1.00000
600	3.3251	-4.6417	1.0000	35.4036	3.5232	1.00000
700	3.3930	-4.7087	1.0000	35.9676	3.5310	1.00000
800	3.4552	-4.7667	1.0000	36.4669	3.5655	1.00000
900	3.5098	-4.8178	1.0000	36.9167	3.5938	1.00000
1000	3.5589	-4.8638	1.0000	37.3278	3.6218	1.00000
1100	3.6039	-4.9052	1.0000	37.7047	3.6521	1.00000
1200	3.6453	-4.9430	1.0000	38.0540	3.6823	1.00000
1300	3.6835	-4.9777	1.0000	38.3795	3.7120	1.00000
1400	3.7191	-5.0099	1.0000	38.6843	3.7406	1.00000
1500	3.7522	-5.0399	1.0000	38.9708	3.7681	1.00000
1600	3.7832	-5.0679	1.0000	39.2410	3.7943	1.00000
1700	3.8124	-5.0942	1.0000	39.4967	3.8191	1.00000
1800	3.8399	-5.1191	1.0000	39.7392	3.8427	1.00000
1900	3.8659	-5.1425	1.0000	39.9699	3.8650	1.00000
2000	3.8918	-5.1646	1.0000	40.2023	3.8973	1.00000
2100	3.9153	-5.1858	1.0000	40.4139	3.9179	1.00000
2200	3.9377	-5.2060	1.0000	40.6164	3.9384	1.00000
2300	3.9591	-5.2253	1.0000	40.8109	3.9568	1.00000
2400	3.9795	-5.2438	1.0000	40.9978	3.9747	1.00001
2500	3.9992	-5.2616	1.0000	41.1779	3.9928	1.00002
2600	4.0181	-5.2786	1.0001	41.3522	4.0100	1.00005
2700	4.0364	-5.2950	1.0001	41.5219	4.0276	1.00011
2800	4.0544	-5.3109	1.0002	41.6886	4.0480	1.00025
2900	4.0722	-5.3262	1.0005	41.8548	4.0717	1.00050
3000	4.0902	-5.3411	1.0010	42.0244	4.1024	1.00098
3100	4.1090	-5.3557	1.0018	42.2028	4.1461	1.00182
3200	4.1293	-5.3702	1.0033	42.3981	4.2085	1.00327
3300	4.1521	-5.3846	1.0057	42.6218	4.3014	1.00568

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1788	-5.3992	1.0095	42.8895	4.4394	1.00954
3500	4.2106	-5.4144	1.0156	43.2224	4.6402	1.01555
3600	4.2493	-5.4305	1.0247	43.6485	4.9320	1.02468
3700	4.2962	-5.4481	1.0382	44.2028	5.3453	1.03819
3800	4.3525	-5.4678	1.0577	44.9313	5.9247	1.05775
3900	4.4182	-5.4903	1.0854	45.8869	6.7167	1.08540
4000	4.4929	-5.5163	1.1236	47.1310	7.7775	1.12361
4100	4.5750	-5.5464	1.1751	48.7285	9.1667	1.17509
4200	4.6617	-5.5810	1.2422	50.7298	10.9264	1.24218
4300	4.7497	-5.6197	1.3263	53.1543	13.0697	1.32629
4400	4.8343	-5.6610	1.4255	55.9330	15.5198	1.42547
4500	4.9113	-5.7027	1.5343	58.9088	18.1176	1.53434
4600	4.9765	-5.7419	1.6427	61.8116	20.5947	1.64269
4700	5.0281	-5.7763	1.7400	64.3799	22.6970	1.74004
4800	5.0663	-5.8047	1.8191	66.4483	24.2702	1.81914
4900	5.0933	-5.8275	1.8781	67.9915	25.3018	1.87813
5000	5.1119	-5.8457	1.9195	69.0870	25.8798	1.91945
5100	5.1248	-5.8607	1.9476	69.8569	26.1344	1.94755
5200	5.1337	-5.8732	1.9661	70.3958	26.1656	1.96609
5300	5.1403	-5.8842	1.9785	70.7892	26.0617	1.97845
5400	5.1453	-5.8942	1.9869	71.0920	25.8793	1.98689
5500	5.1495	-5.9034	1.9929	71.3404	25.6552	1.99289
5600	5.1532	-5.9123	1.9975	71.5582	25.4130	1.99747
5700	5.1567	-5.9208	2.0013	71.7615	25.1686	2.00127
5800	5.1602	-5.9291	2.0048	71.9614	24.9324	2.00479
5900	5.1638	-5.9373	2.0084	72.1661	24.7124	2.00838
6000	5.1676	-5.9454	2.0123	72.3824	24.5142	2.01229
6100	5.1717	-5.9536	2.0168	72.6160	24.3441	2.01679
6200	5.1763	-5.9618	2.0221	72.8729	24.2063	2.02211
6300	5.1815	-5.9701	2.0285	73.1585	24.1055	2.02848
6400	5.1872	-5.9786	2.0361	73.4790	24.0470	2.03613
6500	5.1938	-5.9873	2.0453	73.8408	24.0362	2.04534
6600	5.2012	-5.9962	2.0564	74.2506	24.0787	2.05640
6700	5.2096	-6.0056	2.0696	74.7161	24.1813	2.06962
6800	5.2190	-6.0153	2.0853	75.2452	24.3506	2.08536
6900	5.2297	-6.0255	2.1040	75.8467	24.5954	2.10400
7000	5.2417	-6.0362	2.1259	76.5300	24.9226	2.12597
7100	5.2551	-6.0476	2.1517	77.3050	25.3412	2.15172
7200	5.2700	-6.0597	2.1817	78.1820	25.8604	2.18174
7300	5.2864	-6.0726	2.2164	79.1717	26.4892	2.21654
7400	5.3044	-6.0863	2.2565	80.2842	27.2363	2.25663
7500	5.3239	-6.1008	2.3024	81.5294	28.1105	2.30254
7600	5.3450	-6.1163	2.3546	82.9169	29.1189	2.35476
7700	5.3674	-6.1327	2.4134	84.4518	30.2660	2.41364
7800	5.3912	-6.1500	2.4793	86.1391	31.5543	2.47954
7900	5.4159	-6.1681	2.5522	87.9764	32.9807	2.55249
8000	5.4414	-6.1870	2.6321	89.9584	34.5379	2.63242
8100	5.4673	-6.2064	2.7184	92.0699	36.2103	2.71880
8200	5.4933	-6.2262	2.8104	94.2912	37.9762	2.81090
8300	5.5190	-6.2461	2.9069	96.5900	39.8031	2.90741
8400	5.5439	-6.2659	3.0062	98.9293	41.6544	3.00675
8500	5.5678	-6.2853	3.1063	101.2642	43.4849	3.10695
8600	5.5901	-6.3039	3.2052	103.5488	45.2508	3.20591
8700	5.6108	-6.3217	3.3008	105.7396	46.9086	3.30159
8800	5.6295	-6.3385	3.3913	107.7981	48.4228	3.39211

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.6463	-6.3539	3.4751	109.6935	49.7636	3.47591
9000	5.6611	-6.3682	3.5511	111.4083	50.9157	3.55200
9100	5.6740	-6.3812	3.6190	112.9354	51.8745	3.61986
9200	5.6851	-6.3931	3.6784	114.2749	52.6427	3.67935
9300	5.6947	-6.4038	3.7299	115.4375	53.2332	3.73081
9400	5.7028	-6.4135	3.7738	116.4380	53.6617	3.77478
9500	5.7097	-6.4224	3.8111	117.2940	53.9486	3.81200
9600	5.7156	-6.4305	3.8424	118.0247	54.1138	3.84332
9700	5.7206	-6.4379	3.8685	118.6475	54.1753	3.86948
9800	5.7248	-6.4448	3.8903	119.1792	54.1514	3.89127
9900	5.7285	-6.4512	3.9084	119.6351	54.0576	3.90936
10000	5.7317	-6.4573	3.9234	120.0275	53.9075	3.92435
10100	5.7344	-6.4630	3.9358	120.3677	53.7123	3.93675
10200	5.7368	-6.4684	3.9461	120.6650	53.4813	3.94704
10300	5.7389	-6.4735	3.9547	120.9265	53.2225	3.95556
10400	5.7408	-6.4785	3.9617	121.1593	52.9423	3.96263
10500	5.7426	-6.4833	3.9676	121.3681	52.6461	3.96850
10600	5.7441	-6.4880	3.9725	121.5572	52.3374	3.97339
10700	5.7456	-6.4925	3.9766	121.7302	52.0205	3.97746
10800	5.7469	-6.4969	3.9800	121.8897	51.6976	3.98087
10900	5.7481	-6.5012	3.9829	122.0381	51.3711	3.98372
11000	5.7493	-6.5055	3.9853	122.1771	51.0426	3.98611
11100	5.7504	-6.5096	3.9873	122.3086	50.7132	3.98813
11200	5.7515	-6.5137	3.9891	122.4335	50.3847	3.98983
11300	5.7526	-6.5177	3.9905	122.5528	50.0577	3.99126
11400	5.7535	-6.5217	3.9917	122.6675	49.7328	3.99249
11500	5.7545	-6.5256	3.9928	122.7784	49.4106	3.99354
11600	5.7555	-6.5294	3.9937	122.8857	49.0915	3.99443
11700	5.7564	-6.5332	3.9945	122.9904	48.7762	3.99519
11800	5.7573	-6.5370	3.9952	123.0923	48.4643	3.99586
11900	5.7582	-6.5407	3.9958	123.1922	48.1566	3.99645
12000	5.7591	-6.5444	3.9963	123.2908	47.8533	3.99696
12100	5.7600	-6.5481	3.9967	123.3874	47.5540	3.99742
12200	5.7609	-6.5517	3.9972	123.4831	47.2597	3.99784
12300	5.7617	-6.5553	3.9976	123.5777	46.9696	3.99823
12400	5.7626	-6.5589	3.9980	123.6715	46.6840	3.99860
12500	5.7635	-6.5624	3.9983	123.7650	46.4036	3.99897
12600	5.7643	-6.5659	3.9987	123.8583	46.1286	3.99934
12700	5.7652	-6.5694	3.9991	123.9519	45.8584	3.99972
12800	5.7661	-6.5728	3.9995	124.0458	45.5936	4.00014
12900	5.7670	-6.5763	4.0000	124.1407	45.3346	4.00060
13000	5.7679	-6.5797	4.0005	124.2367	45.0818	4.00112
13100	5.7689	-6.5831	4.0012	124.3345	44.8352	4.00173
13200	5.7699	-6.5864	4.0019	124.4346	44.5952	4.00242
13300	5.7709	-6.5898	4.0027	124.5378	44.3625	4.00325
13400	5.7719	-6.5932	4.0037	124.6444	44.1377	4.00422
13500	5.7730	-6.5965	4.0048	124.7558	43.9214	4.00538
13600	5.7742	-6.5999	4.0062	124.8726	43.7152	4.00676
13700	5.7754	-6.6032	4.0079	124.9959	43.5189	4.00841
13800	5.7767	-6.6066	4.0099	125.1272	43.3344	4.01038
13900	5.7781	-6.6100	4.0122	125.2677	43.1626	4.01273
14000	5.7799	-6.6134	4.0150	125.4395	43.0257	4.01552
14100	5.7813	-6.6169	4.0183	125.5840	42.8650	4.01882
14200	5.7831	-6.6203	4.0222	125.7639	42.7418	4.02272
14300	5.7852	-6.6239	4.0268	125.9612	42.6399	4.02734

LOG P=-4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7874	-6.6275	4.0323	126.1790	42.5608	4.03277
14500	5.7898	-6.6312	4.0386	126.4195	42.5071	4.03913
14600	5.7926	-6.6350	4.0461	126.6862	42.4819	4.04655
14700	5.7956	-6.6389	4.0547	126.9831	42.4886	4.05519
14800	5.7990	-6.6429	4.0647	127.3137	42.5311	4.06522
14900	5.8027	-6.6470	4.0763	127.6815	42.6123	4.07679
15000	5.8069	-6.6514	4.0896	128.0911	42.7364	4.09008

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.7636	1.0000	28.8749	3.4901	1.00000
200	2.8445	-4.0646	1.0000	31.3016	3.4955	1.00000
300	3.0211	-4.2407	1.0000	32.7214	3.4990	1.00000
400	3.1470	-4.3657	1.0000	33.7307	3.5072	1.00000
500	3.2450	-4.4626	1.0000	34.5195	3.5156	1.00000
600	3.3251	-4.5418	1.0000	35.1733	3.5232	1.00000
700	3.3930	-4.6087	1.0000	35.7374	3.5310	1.00000
800	3.4552	-4.6667	1.0000	36.2367	3.5655	1.00000
900	3.5098	-4.7178	1.0000	36.6864	3.5938	1.00000
1000	3.5589	-4.7638	1.0000	37.0975	3.6218	1.00000
1100	3.6039	-4.8052	1.0000	37.4744	3.6521	1.00000
1200	3.6453	-4.8430	1.0000	37.8237	3.6823	1.00000
1300	3.6835	-4.8777	1.0000	38.1493	3.7120	1.00000
1400	3.7191	-4.9099	1.0000	38.4541	3.7406	1.00000
1500	3.7522	-4.9399	1.0000	38.7405	3.7681	1.00000
1600	3.7832	-4.9679	1.0000	39.0108	3.7942	1.00000
1700	3.8124	-4.9942	1.0000	39.2664	3.8191	1.00000
1800	3.8399	-5.0191	1.0000	39.5090	3.8427	1.00000
1900	3.8659	-5.0425	1.0000	39.7396	3.8650	1.00000
2000	3.8918	-5.0646	1.0000	39.9721	3.8973	1.00000
2100	3.9153	-5.0858	1.0000	40.1837	3.9179	1.00000
2200	3.9377	-5.1060	1.0000	40.3862	3.9384	1.00000
2300	3.9591	-5.1253	1.0000	40.5806	3.9568	1.00000
2400	3.9795	-5.1438	1.0000	40.7675	3.9746	1.00001
2500	3.9992	-5.1616	1.0000	40.9476	3.9927	1.00002
2600	4.0181	-5.1786	1.0000	41.1216	4.0098	1.00005
2700	4.0364	-5.1950	1.0001	41.2911	4.0270	1.00010
2800	4.0543	-5.2109	1.0002	41.4572	4.0469	1.00022
2900	4.0719	-5.2262	1.0004	41.6222	4.0696	1.00044
3000	4.0897	-5.2411	1.0009	41.7898	4.0983	1.00087
3100	4.1082	-5.2557	1.0016	41.9647	4.1387	1.00163
3200	4.1279	-5.2700	1.0029	42.1542	4.1956	1.00291
3300	4.1499	-5.2843	1.0051	42.3685	4.2796	1.00506
3400	4.1753	-5.2988	1.0085	42.6217	4.4039	1.00850
3500	4.2053	-5.3136	1.0139	42.9325	4.5840	1.01386
3600	4.2416	-5.3294	1.0220	43.3260	4.8452	1.02200
3700	4.2854	-5.3463	1.0340	43.8336	5.2147	1.03404
3800	4.3381	-5.3652	1.0515	44.4964	5.7326	1.05149
3900	4.4000	-5.3865	1.0762	45.3620	6.4406	1.07618
4000	4.4707	-5.4111	1.1103	46.4866	7.3903	1.11034
4100	4.5492	-5.4395	1.1565	47.9318	8.6384	1.15654
4200	4.6331	-5.4722	1.2172	49.7504	10.2302	1.21716
4300	4.7196	-5.5090	1.2940	51.9759	12.1927	1.29405
4400	4.8043	-5.5490	1.3865	54.5715	14.4821	1.38645

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.8833	-5.5902	1.4908	57.4281	16.9858	1.49084
4600	4.9523	-5.6301	1.5988	60.3194	19.4759	1.59878
4700	5.0086	-5.6662	1.7001	62.9870	21.7001	1.70012
4800	5.0517	-5.6968	1.7862	65.2272	23.4646	1.78621
4900	5.0829	-5.7217	1.8530	66.9598	24.7001	1.85305
5000	5.1047	-5.7416	1.9014	68.2206	25.4534	1.90136
5100	5.1199	-5.7578	1.9349	69.1174	25.8418	1.93494
5200	5.1304	-5.7713	1.9574	69.7450	25.9664	1.95739
5300	5.1380	-5.7829	1.9724	70.1977	25.9250	1.97243
5400	5.1437	-5.7932	1.9826	70.5387	25.7830	1.98265
5500	5.1483	-5.8028	1.9898	70.8108	25.5840	1.98980
5600	5.1523	-5.8117	1.9951	71.0422	25.3566	1.99508
5700	5.1559	-5.8204	1.9993	71.2520	25.1194	1.99929
5800	5.1594	-5.8287	2.0030	71.4529	24.8851	2.00298
5900	5.1629	-5.8369	2.0065	71.6542	24.6628	2.00655
6000	5.1666	-5.8450	2.0103	71.8634	24.4585	2.01030
6100	5.1706	-5.8531	2.0145	72.0863	24.2784	2.01450
6200	5.1749	-5.8612	2.0194	72.3286	24.1274	2.01936
6300	5.1797	-5.8694	2.0251	72.5958	24.0096	2.02513
6400	5.1851	-5.8777	2.0320	72.8935	23.9300	2.03201
6500	5.1912	-5.8862	2.0403	73.2276	23.8934	2.04027
6600	5.1980	-5.8949	2.0502	73.6042	23.9052	2.05016
6700	5.2058	-5.9040	2.0620	74.0301	23.9711	2.06198
6800	5.2145	-5.9133	2.0760	74.5127	24.0976	2.07603
6900	5.2243	-5.9231	2.0926	75.0598	24.2917	2.09267
7000	5.2353	-5.9334	2.1122	75.6798	24.5603	2.11228
7100	5.2477	-5.9443	2.1352	76.3819	24.9116	2.13527
7200	5.2614	-5.9558	2.1620	77.1753	25.3535	2.16210
7300	5.2765	-5.9680	2.1931	78.0701	25.8950	2.19322
7400	5.2932	-5.9809	2.2290	79.0757	26.5438	2.22911
7500	5.3114	-5.9947	2.2702	80.2017	27.3087	2.27028
7600	5.3310	-6.0094	2.3171	81.4580	28.1975	2.31721
7700	5.3521	-6.0249	2.3701	82.8504	29.2150	2.37030
7800	5.3745	-6.0413	2.4297	84.3862	30.3666	2.42996
7900	5.3980	-6.0585	2.4961	86.0661	31.6515	2.49635
8000	5.4225	-6.0765	2.5693	87.8892	33.0673	2.56959
8100	5.4476	-6.0952	2.6490	89.8462	34.6042	2.64939
8200	5.4731	-6.1144	2.7349	91.9239	36.2469	2.73532
8300	5.4985	-6.1338	2.8260	94.0991	37.9722	2.82647
8400	5.5236	-6.1534	2.9211	96.3430	39.7506	2.92166
8500	5.5479	-6.1728	3.0186	98.6182	41.5449	3.01925
8600	5.5711	-6.1918	3.1167	100.8833	43.3142	3.11741
8700	5.5929	-6.2101	3.2134	103.0965	45.0164	3.21420
8800	5.6130	-6.2275	3.3068	105.2164	46.6127	3.30765
8900	5.6312	-6.2438	3.3951	107.2065	48.0681	3.39597
9000	5.6476	-6.2590	3.4769	109.0408	49.3580	3.47779
9100	5.6621	-6.2730	3.5512	110.7032	50.4685	3.55219
9200	5.6747	-6.2858	3.6176	112.1854	51.3942	3.61864
9300	5.6857	-6.2975	3.6761	113.4901	52.1395	3.67709
9400	5.6951	-6.3081	3.7268	114.6270	52.7153	3.72783
9500	5.7031	-6.3177	3.7703	115.6087	53.1369	3.77137
9600	5.7100	-6.3265	3.8073	116.4525	53.4226	3.80839
9700	5.7159	-6.3345	3.8386	117.1749	53.5902	3.83965
9800	5.7209	-6.3420	3.8648	117.7930	53.6581	3.86588
9900	5.7252	-6.3488	3.8868	118.3228	53.6430	3.88782

LOG P=-4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.7298	-6.3552	3.9051	118.7781	53.5590	3.90611
10100	5.7320	-6.3612	3.9203	119.1713	53.4204	3.92133
10200	5.7348	-6.3669	3.9330	119.5131	53.2367	3.93399
10300	5.7373	-6.3723	3.9435	119.8118	53.0169	3.94451
10400	5.7394	-6.3775	3.9523	120.0757	52.7699	3.95327
10500	5.7414	-6.3824	3.9596	120.3103	52.5006	3.96057
10600	5.7431	-6.3872	3.9657	120.5211	52.2149	3.96665
10700	5.7447	-6.3919	3.9708	120.7120	51.9171	3.97173
10800	5.7462	-6.3964	3.9750	120.8866	51.6103	3.97598
10900	5.7475	-6.4008	3.9786	121.0476	51.2968	3.97954
11000	5.7488	-6.4051	3.9816	121.1971	50.9795	3.98254
11100	5.7500	-6.4093	3.9842	121.3372	50.6591	3.98507
11200	5.7511	-6.4134	3.9863	121.4696	50.3390	3.98720
11300	5.7522	-6.4175	3.9881	121.5951	50.0188	3.98900
11400	5.7533	-6.4214	3.9897	121.7151	49.6991	3.99053
11500	5.7543	-6.4254	3.9910	121.8302	49.3816	3.99184
11600	5.7552	-6.4293	3.9921	121.9412	49.0666	3.99296
11700	5.7562	-6.4331	3.9931	122.0490	48.7543	3.99391
11800	5.7571	-6.4369	3.9940	122.1534	48.4454	3.99474
11900	5.7581	-6.4406	3.9947	122.2554	48.1396	3.99546
12000	5.7590	-6.4443	3.9953	122.3557	47.8382	3.99608
12100	5.7599	-6.4480	3.9959	122.4536	47.5405	3.99664
12200	5.7607	-6.4516	3.9964	122.5503	47.2469	3.99713
12300	5.7616	-6.4552	3.9969	122.6455	46.9579	3.99758
12400	5.7625	-6.4588	3.9973	122.7398	46.6729	3.99800
12500	5.7634	-6.4623	3.9977	122.8333	46.3927	3.99840
12600	5.7642	-6.4658	3.9981	122.9264	46.1176	3.99878
12700	5.7651	-6.4693	3.9985	123.0194	45.8468	3.99917
12800	5.7660	-6.4727	3.9989	123.1123	45.5810	3.99957
12900	5.7669	-6.4762	3.9993	123.2057	45.3210	4.00000
13000	5.7678	-6.4796	3.9998	123.2998	45.0660	4.00046
13100	5.7687	-6.4830	4.0003	123.3949	44.8168	4.00099
13200	5.7697	-6.4863	4.0009	123.4917	44.5739	4.00158
13300	5.7706	-6.4897	4.0017	123.5909	44.3375	4.00228
13400	5.7716	-6.4930	4.0025	123.6925	44.1078	4.00308
13500	5.7727	-6.4964	4.0034	123.7977	43.8860	4.00404
13600	5.7737	-6.4997	4.0046	123.9072	43.6724	4.00516
13700	5.7749	-6.5030	4.0059	124.0217	43.4675	4.00650
13800	5.7761	-6.5064	4.0075	124.1424	43.2730	4.00808
13900	5.7774	-6.5097	4.0094	124.2704	43.0891	4.00996
14000	5.7790	-6.5130	4.0116	124.4272	42.9378	4.01221
14100	5.7803	-6.5164	4.0143	124.5542	42.7597	4.01486
14200	5.7819	-6.5198	4.0174	124.7134	42.6173	4.01799
14300	5.7836	-6.5233	4.0211	124.8864	42.4917	4.02170
14400	5.7856	-6.5268	4.0255	125.0759	42.3852	4.02605
14500	5.7877	-6.5303	4.0306	125.2840	42.3003	4.03118
14600	5.7901	-6.5340	4.0366	125.5130	42.2390	4.03716
14700	5.7927	-6.5377	4.0436	125.7668	42.2047	4.04414
14800	5.7956	-6.5415	4.0517	126.0481	42.1997	4.05225
14900	5.7988	-6.5454	4.0611	126.3602	42.2276	4.06164
15000	5.8024	-6.5495	4.0719	126.7070	42.2920	4.07247

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.6636	1.0000	28.6446	3.4901	1.00000
200	2.8445	-3.9646	1.0000	31.0713	3.4955	1.00000
300	3.0211	-4.1407	1.0000	32.4911	3.4990	1.00000
400	3.1470	-4.2657	1.0000	33.5004	3.5072	1.00000
500	3.2450	-4.3626	1.0000	34.2892	3.5156	1.00000
600	3.3251	-4.4418	1.0000	34.9431	3.5232	1.00000
700	3.3930	-4.5087	1.0000	35.5071	3.5310	1.00000
800	3.4552	-4.5667	1.0000	36.0064	3.5655	1.00000
900	3.5098	-4.6178	1.0000	36.4562	3.5938	1.00000
1000	3.5589	-4.6638	1.0000	36.8672	3.6218	1.00000
1100	3.6039	-4.7052	1.0000	37.2442	3.6521	1.00000
1200	3.6453	-4.7430	1.0000	37.5935	3.6823	1.00000
1300	3.6835	-4.7777	1.0000	37.9190	3.7120	1.00000
1400	3.7191	-4.8099	1.0000	38.2238	3.7406	1.00000
1500	3.7522	-4.8399	1.0000	38.5103	3.7681	1.00000
1600	3.7832	-4.8679	1.0000	38.7805	3.7943	1.00000
1700	3.8124	-4.8942	1.0000	39.0362	3.8191	1.00000
1800	3.8399	-4.9191	1.0000	39.2787	3.8427	1.00000
1900	3.8659	-4.9425	1.0000	39.5093	3.8650	1.00000
2000	3.8918	-4.9646	1.0000	39.7418	3.8973	1.00000
2100	3.9153	-4.9858	1.0000	39.9534	3.9179	1.00000
2200	3.9377	-5.0060	1.0000	40.1559	3.9384	1.00000
2300	3.9591	-5.0253	1.0000	40.3503	3.9568	1.00000
2400	3.9795	-5.0438	1.0000	40.5372	3.9746	1.00001
2500	3.9992	-5.0616	1.0000	40.7173	3.9926	1.00002
2600	4.0181	-5.0786	1.0000	40.8912	4.0096	1.00004
2700	4.0363	-5.0950	1.0001	41.0603	4.0266	1.00009
2800	4.0542	-5.1108	1.0002	41.2259	4.0459	1.00020
2900	4.0717	-5.1262	1.0004	41.3900	4.0676	1.00039
3000	4.0893	-5.1411	1.0008	41.5557	4.0946	1.00077
3100	4.1075	-5.1556	1.0015	41.7275	4.1321	1.00145
3200	4.1268	-5.1699	1.0026	41.9118	4.1841	1.00260
3300	4.1479	-5.1841	1.0045	42.1178	4.2602	1.00451
3400	4.1722	-5.1984	1.0076	42.3580	4.3722	1.00757
3500	4.2005	-5.2130	1.0124	42.6492	4.5339	1.01235
3600	4.2346	-5.2283	1.0196	43.0136	4.7679	1.01961
3700	4.2756	-5.2448	1.0303	43.4795	5.0983	1.03034
3800	4.3250	-5.2629	1.0459	44.0835	5.5612	1.04590
3900	4.3830	-5.2832	1.0679	44.8686	6.1941	1.06793
4000	4.4499	-5.3064	1.0985	45.8857	7.0438	1.09846
4100	4.5247	-5.3332	1.1399	47.1925	8.1635	1.13987
4200	4.6055	-5.3640	1.1945	48.8418	9.5992	1.19449
4300	4.6899	-5.3990	1.2644	50.9754	11.3871	1.26441
4400	4.7740	-5.4373	1.3498	53.2825	13.5081	1.34984
4500	4.8543	-5.4778	1.4487	55.9939	15.8893	1.44873
4600	4.9263	-5.5179	1.5545	58.8279	18.3468	1.55451
4700	4.9870	-5.5553	1.6580	61.5494	20.6490	1.65802
4800	5.0349	-5.5879	1.7500	63.9337	22.5779	1.74999
4900	5.0706	-5.6149	1.8244	65.8488	24.0121	1.82440
5000	5.0961	-5.6368	1.8801	67.2836	24.9519	1.88008
5100	5.1140	-5.6544	1.9198	68.3226	25.4911	1.91980
5200	5.1264	-5.6689	1.9468	69.0542	25.7253	1.94681
5300	5.1352	-5.6813	1.9651	69.5787	25.7596	1.96508
5400	5.1418	-5.6921	1.9775	69.9671	25.6674	1.97750
5500	5.1469	-5.7020	1.9861	70.2694	25.5006	1.98610

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	5.1512	-5.7111	1.9923	70.5190	25.2925	1.99230
5700	5.1550	-5.7199	1.9971	70.7385	25.0660	1.99706
5800	5.1585	-5.7283	2.0010	70.9431	24.8365	2.00103
5900	5.1620	-5.7365	2.0047	71.1434	24.6137	2.00468
6000	5.1656	-5.7446	2.0084	71.3476	24.4051	2.00836
6100	5.1695	-5.7526	2.0123	71.5617	24.2177	2.01233
6200	5.1736	-5.7607	2.0168	71.7918	24.0551	2.01683
6300	5.1782	-5.7687	2.0221	72.0430	23.9227	2.02208
6400	5.1832	-5.7769	2.0283	72.3208	23.8245	2.02830
6500	5.1889	-5.7852	2.0357	72.6303	23.7654	2.03572
6600	5.1952	-5.7937	2.0446	72.9775	23.7497	2.04458
6700	5.2023	-5.8025	2.0551	73.3684	23.7833	2.05515
6800	5.2104	-5.8116	2.0677	73.8095	23.8714	2.06770
6900	5.2194	-5.8210	2.0825	74.3081	24.0206	2.08255
7000	5.2296	-5.8309	2.1000	74.8716	24.2369	2.10006
7100	5.2409	-5.8413	2.1205	75.5083	24.5279	2.12059
7200	5.2535	-5.8523	2.1445	76.2268	24.9009	2.14454
7300	5.2675	-5.8638	2.1723	77.0362	25.3638	2.17235
7400	5.2829	-5.8761	2.2044	77.9453	25.9242	2.20446
7500	5.2998	-5.8892	2.2412	78.9634	26.5901	2.24133
7600	5.3181	-5.9030	2.2833	80.0998	27.3692	2.28345
7700	5.3378	-5.9176	2.3310	81.3615	28.2674	2.33120
7800	5.3588	-5.9332	2.3848	82.7561	29.2906	2.38504
7900	5.3811	-5.9495	2.4449	84.2865	30.4407	2.44521
8000	5.4044	-5.9666	2.5116	85.9553	31.7187	2.51194
8100	5.4286	-5.9845	2.5848	87.7575	33.1182	2.58516
8200	5.4533	-6.0030	2.6642	89.6857	34.6306	2.66465
8300	5.4783	-6.0219	2.7494	91.7250	36.2406	2.74990
8400	5.5032	-6.0411	2.8395	93.8537	37.9247	2.84003
8500	5.5277	-6.0604	2.9331	96.0414	39.6530	2.93377
8600	5.5514	-6.0794	3.0289	98.2532	41.3905	3.02959
8700	5.5740	-6.0980	3.1250	100.4512	43.1000	3.12576
8800	5.5952	-6.1159	3.2196	102.5952	44.7421	3.22042
8900	5.6148	-6.1329	3.3108	104.6466	46.2796	3.31169
9000	5.6326	-6.1489	3.3970	106.5741	47.6822	3.39800
9100	5.6486	-6.1639	3.4771	108.3533	48.9278	3.47808
9200	5.6628	-6.1776	3.5499	109.9676	50.0011	3.55099
9300	5.6752	-6.1902	3.6152	111.4109	50.8990	3.61626
9400	5.6860	-6.2017	3.6728	112.6861	51.6252	3.67388
9500	5.6953	-6.2122	3.7229	113.7992	52.1902	3.72400
9600	5.7033	-6.2218	3.7661	114.7649	52.6066	3.76720
9700	5.7102	-6.2305	3.8029	115.5976	52.8927	3.80408
9800	5.7160	-6.2385	3.8342	116.3134	53.0649	3.83535
9900	5.7211	-6.2459	3.8606	116.9286	53.1411	3.86174
10000	5.7254	-6.2527	3.8828	117.4574	53.1355	3.88389
10100	5.7291	-6.2591	3.9013	117.9134	53.0632	3.90243
10200	5.7324	-6.2651	3.9168	118.3085	52.9361	3.91795
10300	5.7352	-6.2708	3.9298	118.6521	52.7639	3.93089
10400	5.7377	-6.2762	3.9406	118.9538	52.5570	3.94171
10500	5.7399	-6.2813	3.9497	119.2200	52.3213	3.95075
10600	5.7418	-6.2863	3.9572	119.4574	52.0638	3.95830
10700	5.7436	-6.2911	3.9636	119.6706	51.7895	3.96462
10800	5.7452	-6.2957	3.9689	119.8637	51.5021	3.96992
10900	5.7467	-6.3002	3.9733	120.0401	51.2050	3.97436
11000	5.7481	-6.3046	3.9771	120.2027	50.9016	3.97810

LOG P=-4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.7494	-6.3088	3.9803	120.3538	50.5932	3.98126
11200	5.7506	-6.3130	3.9830	120.4953	50.2824	3.98392
11300	5.7518	-6.3171	3.9852	120.6285	49.9700	3.98618
11400	5.7529	-6.3212	3.9871	120.7548	49.6573	3.98809
11500	5.7539	-6.3251	3.9888	120.8755	49.3454	3.98973
11600	5.7550	-6.3291	3.9902	120.9911	49.0352	3.99112
11700	5.7560	-6.3329	3.9914	121.1026	48.7272	3.99231
11800	5.7569	-6.3367	3.9925	121.2103	48.4215	3.99334
11900	5.7579	-6.3405	3.9934	121.3150	48.1189	3.99423
12000	5.7588	-6.3442	3.9941	121.4174	47.8199	3.99500
12100	5.7597	-6.3479	3.9948	121.5172	47.5240	3.99567
12200	5.7606	-6.3515	3.9954	121.6154	47.2322	3.99627
12300	5.7615	-6.3551	3.9960	121.7117	46.9442	3.99680
12400	5.7624	-6.3587	3.9965	121.8069	46.6605	3.99729
12500	5.7632	-6.3622	3.9969	121.9008	46.3803	3.99774
12600	5.7641	-6.3657	3.9974	121.9940	46.1054	3.99816
12700	5.7650	-6.3692	3.9978	122.0868	45.8349	3.99857
12800	5.7659	-6.3727	3.9982	122.1792	45.5686	3.99897
12900	5.7668	-6.3761	3.9986	122.2717	45.3075	3.99939
13000	5.7677	-6.3795	3.9991	122.3645	45.0511	3.99983
13100	5.7686	-6.3829	3.9996	122.4577	44.8004	4.00030
13200	5.7695	-6.3862	4.0001	122.5522	44.5554	4.00083
13300	5.7704	-6.3896	4.0007	122.6482	44.3160	4.00142
13400	5.7714	-6.3929	4.0014	122.7461	44.0825	4.00211
13500	5.7724	-6.3962	4.0022	122.8467	43.8562	4.00291
13600	5.7734	-6.3995	4.0032	122.9504	43.6372	4.00383
13700	5.7745	-6.4028	4.0043	123.0580	43.4259	4.00493
13800	5.7756	-6.4061	4.0056	123.1704	43.2232	4.00621
13900	5.7768	-6.4094	4.0071	123.2883	43.0296	4.00773
14000	5.7783	-6.4127	4.0089	123.4332	42.8669	4.00954
14100	5.7794	-6.4161	4.0110	123.5463	42.6756	4.01168
14200	5.7809	-6.4194	4.0136	123.6888	42.5168	4.01419
14300	5.7824	-6.4228	4.0165	123.8423	42.3729	4.01717
14400	5.7841	-6.4262	4.0201	124.0091	42.2446	4.02066
14500	5.7860	-6.4295	4.0242	124.1908	42.1344	4.02479
14600	5.7881	-6.4332	4.0290	124.3893	42.0442	4.02960
14700	5.7903	-6.4367	4.0346	124.6079	41.9757	4.03522
14800	5.7928	-6.4404	4.0412	124.8487	41.9320	4.04176
14900	5.7956	-6.4441	4.0488	125.1147	41.9155	4.04935
15000	5.7986	-6.4480	4.0575	125.4094	41.9302	4.05813

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.5636	1.0000	28.4143	3.4901	1.00000
200	2.8445	-3.8646	1.0000	30.8411	3.4955	1.00000
300	3.0211	-4.0407	1.0000	32.2608	3.4990	1.00000
400	3.1470	-4.1657	1.0000	33.2702	3.5072	1.00000
500	3.2450	-4.2626	1.0000	34.0589	3.5156	1.00000
600	3.3251	-4.3418	1.0000	34.7128	3.5232	1.00000
700	3.3930	-4.4087	1.0000	35.2769	3.5310	1.00000
800	3.4552	-4.4667	1.0000	35.7762	3.5655	1.00000
900	3.5098	-4.5178	1.0000	36.2259	3.5938	1.00000
1000	3.5589	-4.5638	1.0000	36.6370	3.6218	1.00000
1100	3.6039	-4.6052	1.0000	37.0139	3.6521	1.00000

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-4.6430	1.0000	37.3633	3.6823	1.00000
1300	3.6835	-4.6777	1.0000	37.6888	3.7120	1.00000
1400	3.7191	-4.7099	1.0000	37.9936	3.7406	1.00000
1500	3.7522	-4.7399	1.0000	38.2800	3.7681	1.00000
1600	3.7832	-4.7679	1.0000	38.5502	3.7942	1.00000
1700	3.8124	-4.7942	1.0000	38.8059	3.8191	1.00000
1800	3.8399	-4.8191	1.0000	39.0484	3.8427	1.00000
1900	3.8659	-4.8425	1.0000	39.2791	3.8650	1.00000
2000	3.8918	-4.8646	1.0000	39.5116	3.8973	1.00000
2100	3.9153	-4.8858	1.0000	39.7232	3.9179	1.00000
2200	3.9377	-4.9060	1.0000	39.9257	3.9384	1.00000
2300	3.9591	-4.9253	1.0000	40.1200	3.9568	1.00000
2400	3.9795	-4.9438	1.0000	40.3069	3.9745	1.00001
2500	3.9992	-4.9616	1.0000	40.4869	3.9925	1.00002
2600	4.0180	-4.9786	1.0000	40.6607	4.0094	1.00004
2700	4.0363	-4.9950	1.0001	40.8296	4.0261	1.00008
2800	4.0541	-5.0108	1.0002	40.9947	4.0450	1.00017
2900	4.0716	-5.0262	1.0003	41.1579	4.0659	1.00035
3000	4.0890	-5.0410	1.0007	41.3220	4.0914	1.00069
3100	4.1069	-5.0555	1.0013	41.4910	4.1262	1.00129
3200	4.1257	-5.0698	1.0023	41.6707	4.1738	1.00232
3300	4.1462	-5.0839	1.0040	41.8692	4.2429	1.00402
3400	4.1694	-5.0980	1.0068	42.0978	4.3440	1.00675
3500	4.1962	-5.1124	1.0110	42.3715	4.4892	1.01101
3600	4.2283	-5.1274	1.0175	42.7101	4.6989	1.01748
3700	4.2667	-5.1434	1.0270	43.1388	4.9944	1.02704
3800	4.3128	-5.1608	1.0409	43.6905	5.4083	1.04092
3900	4.3673	-5.1802	1.0606	44.4035	5.9739	1.06058
4000	4.4303	-5.2022	1.0878	45.3242	6.7338	1.08784
4100	4.5014	-5.2275	1.1249	46.5057	7.7374	1.12491
4200	4.5789	-5.2565	1.1740	47.9994	9.0296	1.17402
4300	4.6609	-5.2896	1.2374	49.8521	10.6517	1.23738
4400	4.7439	-5.3262	1.3158	52.0700	12.6025	1.31579
4500	4.8247	-5.3656	1.4085	54.6168	14.8417	1.40846
4600	4.8990	-5.4055	1.5106	57.3556	17.2284	1.51059
4700	4.9635	-5.4437	1.6144	60.0846	19.5610	1.61444
4800	5.0160	-5.4780	1.7107	62.5747	21.6172	1.71074
4900	5.0564	-5.5072	1.7921	64.6565	23.2365	1.79207
5000	5.0858	-5.5310	1.8553	66.2697	24.3682	1.85529
5100	5.1068	-5.5503	1.9017	67.4649	25.0733	1.90175
5200	5.1214	-5.5661	1.9340	68.3157	25.4334	1.93401
5300	5.1318	-5.5793	1.9561	68.9253	25.5574	1.95611
5400	5.1394	-5.5907	1.9712	69.3717	25.5264	1.97118
5500	5.1452	-5.6010	1.9816	69.7119	25.3996	1.98158
5600	5.1499	-5.6104	1.9890	69.9855	25.2174	1.98897
5700	5.1539	-5.6193	1.9945	70.2191	25.0062	1.99447
5800	5.1576	-5.6278	1.9989	70.4306	24.7846	1.99888
5900	5.1612	-5.6361	2.0027	70.6325	24.5643	2.00273
6000	5.1647	-5.6442	2.0064	70.8338	24.3536	2.00642
6100	5.1684	-5.6522	2.0102	71.0413	24.1602	2.01024
6200	5.1724	-5.6601	2.0144	71.2613	23.9889	2.01445
6300	5.1767	-5.6681	2.0193	71.4989	23.8438	2.01927
6400	5.1815	-5.6762	2.0249	71.7591	23.7297	2.02493
6500	5.1868	-5.6844	2.0316	72.0471	23.6504	2.03161
6600	5.1927	-5.6927	2.0396	72.3683	23.6108	2.03957

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1993	-5.7012	2.0490	72.7279	23.6153	2.04903
6800	5.2067	-5.7100	2.0602	73.1321	23.6694	2.06025
6900	5.2150	-5.7191	2.0735	73.5875	23.7784	2.07351
7000	5.2244	-5.7287	2.0891	74.1006	23.9483	2.08915
7100	5.2348	-5.7386	2.1074	74.6790	24.1853	2.10747
7200	5.2464	-5.7491	2.1288	75.3306	24.4966	2.12886
7300	5.2593	-5.7601	2.1536	76.0634	24.8888	2.15370
7400	5.2735	-5.7717	2.1823	76.8858	25.3694	2.18241
7500	5.2891	-5.7841	2.2153	77.8064	25.9457	2.21541
7600	5.3061	-5.7972	2.2530	78.8341	26.6254	2.25315
7700	5.3245	-5.8110	2.2959	79.9761	27.4145	2.29603
7800	5.3442	-5.8257	2.3443	81.2403	28.3190	2.34449
7900	5.3651	-5.8412	2.3986	82.6313	29.3432	2.39885
8000	5.3872	-5.8575	2.4591	84.1535	30.4891	2.45940
8100	5.4103	-5.8745	2.5259	85.8058	31.7549	2.52622
8200	5.4341	-5.8922	2.5989	87.5848	33.1355	2.59929
8300	5.4584	-5.9105	2.6778	89.4806	34.6206	2.67830
8400	5.4829	-5.9291	2.7622	91.4789	36.1947	2.76271
8500	5.5073	-5.9480	2.8510	93.5567	37.8344	2.85159
8600	5.5312	-5.9669	2.9431	95.6865	39.5119	2.94375
8700	5.5544	-5.9856	3.0370	97.8356	41.1949	3.03777
8800	5.5764	-6.0038	3.1311	99.9680	42.8468	3.13196
8900	5.5971	-6.0213	3.2236	102.0456	44.4316	3.22454
9000	5.6162	-6.0380	3.3128	104.0337	45.9144	3.31381
9100	5.6336	-6.0538	3.3972	105.9030	47.2690	3.39828
9200	5.6493	-6.0684	3.4756	107.6295	48.4721	3.47668
9300	5.6632	-6.0819	3.5470	109.1995	49.5125	3.54820
9400	5.6754	-6.0944	3.6113	110.6083	50.3871	3.61247
9500	5.6861	-6.1058	3.6681	111.8555	51.0974	3.66933
9600	5.6954	-6.1162	3.7178	112.9501	51.6539	3.71905
9700	5.7034	-6.1257	3.7608	113.9026	52.0690	3.76206
9800	5.7102	-6.1343	3.7977	114.7272	52.3578	3.79894
9900	5.7161	-6.1423	3.8291	115.4391	52.5368	3.83036
10000	5.7212	-6.1497	3.8557	116.0529	52.6216	3.85698
10100	5.7255	-6.1565	3.8782	116.5822	52.6277	3.87941
10200	5.7293	-6.1629	3.8970	117.0404	52.5675	3.89830
10300	5.7326	-6.1689	3.9129	117.4375	52.4523	3.91413
10400	5.7355	-6.1746	3.9262	117.7846	52.2929	3.92742
10500	5.7380	-6.1800	3.9373	118.0893	52.0981	3.93856
10600	5.7403	-6.1851	3.9467	118.3589	51.8748	3.94790
10700	5.7423	-6.1901	3.9546	118.5993	51.6294	3.95574
10800	5.7441	-6.1948	3.9612	118.8153	51.3665	3.96232
10900	5.7458	-6.1995	3.9667	119.0108	51.0901	3.96786
11000	5.7473	-6.2039	3.9714	119.1896	50.8031	3.97252
11100	5.7487	-6.2083	3.9754	119.3543	50.5094	3.97646
11200	5.7500	-6.2126	3.9787	119.5071	50.2104	3.97980
11300	5.7513	-6.2167	3.9816	119.6500	49.9086	3.98262
11400	5.7524	-6.2208	3.9840	119.7845	49.6045	3.98502
11500	5.7535	-6.2248	3.9860	119.9123	49.3004	3.98707
11600	5.7546	-6.2288	3.9878	120.0335	48.9964	3.98881
11700	5.7557	-6.2327	3.9893	120.1500	48.6936	3.99030
11800	5.7567	-6.2365	3.9906	120.2618	48.3923	3.99159
11900	5.7576	-6.2403	3.9917	120.3701	48.0935	3.99269
12000	5.7586	-6.2441	3.9927	120.4754	47.7973	3.99365
12100	5.7595	-6.2477	3.9935	120.5775	47.5036	3.99448

LOG P=-4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7604	-6.2514	3.9943	120.6776	47.2144	3.99521
12300	5.7613	-6.2550	3.9949	120.7756	46.9280	3.99585
12400	5.7622	-6.2586	3.9955	120.8719	46.6456	3.99644
12500	5.7631	-6.2621	3.9961	120.9668	46.3667	3.99695
12600	5.7640	-6.2657	3.9966	121.0607	46.0927	3.99744
12700	5.7649	-6.2691	3.9970	121.1538	45.8222	3.99789
12800	5.7658	-6.2726	3.9975	121.2460	45.5560	3.99832
12900	5.7666	-6.2760	3.9979	121.3381	45.2944	3.99875
13000	5.7675	-6.2794	3.9984	121.4300	45.0378	3.99918
13100	5.7684	-6.2828	3.9988	121.5220	44.7859	3.99963
13200	5.7693	-6.2862	3.9993	121.6148	44.5388	4.00011
13300	5.7702	-6.2895	3.9999	121.7086	44.2977	4.00065
13400	5.7712	-6.2928	4.0005	121.8036	44.0616	4.00124
13500	5.7721	-6.2961	4.0012	121.9004	43.8319	4.00192
13600	5.7731	-6.2994	4.0019	121.9997	43.6084	4.00270
13700	5.7741	-6.3027	4.0029	122.1018	43.3917	4.00360
13800	5.7752	-6.3060	4.0039	122.2076	43.1828	4.00465
13900	5.7763	-6.3092	4.0052	122.3176	42.9818	4.00590
14000	5.7777	-6.3125	4.0066	122.4531	42.8100	4.00735
14100	5.7787	-6.3158	4.0084	122.5549	42.6077	4.00908
14200	5.7800	-6.3191	4.0104	122.6843	42.4365	4.01111
14300	5.7814	-6.3224	4.0128	122.8222	42.2773	4.01350
14400	5.7830	-6.3257	4.0156	122.9708	42.1315	4.01631
14500	5.7846	-6.3291	4.0189	123.1311	42.0004	4.01962
14600	5.7864	-6.3325	4.0228	123.3049	41.8866	4.02349
14700	5.7884	-6.3359	4.0273	123.4950	41.7909	4.02801
14800	5.7906	-6.3394	4.0326	123.7030	41.7158	4.03328
14900	5.7929	-6.3430	4.0387	123.9315	41.6634	4.03940
15000	5.7956	-6.3467	4.0458	124.1832	41.6369	4.04650

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.4636	1.0000	28.1841	3.4901	1.00000
200	2.8445	-3.7646	1.0000	30.6108	3.4955	1.00000
300	3.0211	-3.9407	1.0000	32.0306	3.4990	1.00000
400	3.1470	-4.0657	1.0000	33.0399	3.5072	1.00000
500	3.2450	-4.1626	1.0000	33.8287	3.5156	1.00000
600	3.3251	-4.2418	1.0000	34.4826	3.5232	1.00000
700	3.3930	-4.3087	1.0000	35.0466	3.5310	1.00000
800	3.4552	-4.3667	1.0000	35.5459	3.5655	1.00000
900	3.5098	-4.4178	1.0000	35.9957	3.5938	1.00000
1000	3.5589	-4.4638	1.0000	36.4067	3.6218	1.00000
1100	3.6039	-4.5052	1.0000	36.7837	3.6521	1.00000
1200	3.6453	-4.5430	1.0000	37.1329	3.6823	1.00000
1300	3.6835	-4.5777	1.0000	37.4585	3.7120	1.00000
1400	3.7191	-4.6099	1.0000	37.7633	3.7406	1.00000
1500	3.7522	-4.6399	1.0000	38.0498	3.7681	1.00000
1600	3.7832	-4.6679	1.0000	38.3200	3.7942	1.00000
1700	3.8124	-4.6942	1.0000	38.5756	3.8191	1.00000
1800	3.8399	-4.7191	1.0000	38.8181	3.8427	1.00000
1900	3.8659	-4.7425	1.0000	39.0488	3.8649	1.00000
2000	3.8918	-4.7646	1.0000	39.2813	3.8973	1.00000
2100	3.9153	-4.7858	1.0000	39.4929	3.9179	1.00000
2200	3.9377	-4.8060	1.0000	39.6954	3.9384	1.00000

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-4.8253	1.0000	39.8898	3.9567	1.00000
2400	3.9795	-4.8438	1.0000	40.0766	3.9745	1.00000
2500	3.9992	-4.8616	1.0000	40.2566	3.9925	1.00001
2600	4.0180	-4.8786	1.0000	40.4303	4.0092	1.00003
2700	4.0362	-4.8950	1.0001	40.5989	4.0258	1.00007
2800	4.0540	-4.9108	1.0002	40.7636	4.0443	1.00015
2900	4.0714	-4.9261	1.0003	40.9260	4.0643	1.00031
3000	4.0887	-4.9410	1.0006	41.0887	4.0884	1.00061
3100	4.1064	-4.9555	1.0011	41.2552	4.1209	1.00115
3200	4.1247	-4.9696	1.0021	41.4308	4.1646	1.00206
3300	4.1446	-4.9837	1.0036	41.6227	4.2275	1.00358
3400	4.1669	-4.9977	1.0060	41.8410	4.3189	1.00602
3500	4.1924	-5.0119	1.0098	42.0990	4.4494	1.00981
3600	4.2226	-5.0266	1.0156	42.4146	4.6374	1.01558
3700	4.2586	-5.0422	1.0241	42.8102	4.9019	1.02411
3800	4.3018	-5.0589	1.0365	43.3150	5.2720	1.03647
3900	4.3528	-5.0775	1.0540	43.9636	5.7775	1.05401
4000	4.4121	-5.0984	1.0784	44.7978	6.4569	1.07835
4100	4.4794	-5.1223	1.1115	45.8663	7.3555	1.11150
4200	4.5535	-5.1497	1.1556	47.2180	8.5164	1.15558
4300	4.6327	-5.1809	1.2128	48.9014	9.9831	1.21279
4400	4.7141	-5.2157	1.2844	50.9348	11.7668	1.28437
4500	4.7947	-5.2537	1.3705	53.3077	13.8524	1.37046
4600	4.8706	-5.2930	1.4678	55.9222	16.1371	1.46779
4700	4.9382	-5.3317	1.5702	58.6137	18.4563	1.57020
4800	4.9951	-5.3673	1.6691	61.1680	20.5995	1.66915
4900	5.0401	-5.3984	1.7564	63.3920	22.3804	1.75641
5000	5.0737	-5.4243	1.8269	65.1779	23.7003	1.82694
5100	5.0982	-5.4454	1.8805	66.5379	24.5819	1.88050
5200	5.1154	-5.4626	1.9186	67.5225	25.0841	1.91864
5300	5.1276	-5.4769	1.9452	68.2319	25.3135	1.94522
5400	5.1365	-5.4890	1.9635	68.7482	25.3562	1.96350
5500	5.1431	-5.4998	1.9761	69.1356	25.2791	1.97611
5600	5.1484	-5.5095	1.9850	69.4396	25.1290	1.98499
5700	5.1527	-5.5186	1.9915	69.6919	24.9381	1.99145
5800	5.1566	-5.5273	1.9965	69.9137	24.7276	1.99645
5900	5.1602	-5.5356	2.0006	70.1199	24.5124	2.00062
6000	5.1638	-5.5437	2.0044	70.3207	24.3024	2.00442
6100	5.1674	-5.5517	2.0082	70.5238	24.1053	2.00818
6200	5.1713	-5.5597	2.0122	70.7357	23.9268	2.01219
6300	5.1754	-5.5676	2.0167	70.9619	23.7714	2.01667
6400	5.1799	-5.5755	2.0218	71.2070	23.6434	2.02184
6500	5.1848	-5.5836	2.0279	71.4762	23.5469	2.02790
6600	5.1904	-5.5917	2.0350	71.7745	23.4860	2.03506
6700	5.1965	-5.6000	2.0435	72.1065	23.4649	2.04354
6800	5.2034	-5.6086	2.0536	72.4780	23.4889	2.05358
6900	5.2111	-5.6175	2.0654	72.8949	23.5621	2.06544
7000	5.2197	-5.6266	2.0794	73.3631	23.6906	2.07940
7100	5.2293	-5.6362	2.0957	73.8895	23.8795	2.09576
7200	5.2400	-5.6462	2.1148	74.4811	24.1355	2.11486
7300	5.2519	-5.6567	2.1370	75.1452	24.4648	2.13704
7400	5.2650	-5.6678	2.1626	75.8897	24.8737	2.16269
7500	5.2794	-5.6795	2.1921	76.7225	25.3695	2.19219
7600	5.2951	-5.6919	2.2258	77.6519	25.9592	2.22598
7700	5.3122	-5.7050	2.2643	78.6852	26.6487	2.26443

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.3306	-5.7189	2.3078	79.8299	27.4445	2.30797
7900	5.3502	-5.7335	2.3567	81.0919	28.3511	2.35695
8000	5.3710	-5.7490	2.4114	82.4763	29.3727	2.41169
8100	5.3929	-5.7651	2.4720	83.9848	30.5092	2.47238
8200	5.4157	-5.7820	2.5387	85.6171	31.7591	2.53913
8300	5.4391	-5.7995	2.6113	87.3679	33.1169	2.61182
8400	5.4630	-5.8176	2.6896	89.2288	34.5728	2.69018
8500	5.4870	-5.8360	2.7730	91.1832	36.1086	2.77359
8600	5.5109	-5.8545	2.8605	93.2101	37.7035	2.86115
8700	5.5343	-5.8731	2.9510	95.2830	39.3309	2.95175
8800	5.5568	-5.8914	3.0431	97.3711	40.9599	3.04396
8900	5.5784	-5.9093	3.1352	99.4388	42.5558	3.13616
9000	5.5985	-5.9265	3.2257	101.4528	44.0856	3.22674
9100	5.6172	-5.9429	3.3130	103.3814	45.5196	3.31413
9200	5.6343	-5.9583	3.3957	105.1954	46.8290	3.39684
9300	5.6497	-5.9727	3.4726	106.8747	47.9959	3.47377
9400	5.6634	-5.9861	3.5429	108.4066	49.0084	3.54418
9500	5.6755	-5.9984	3.6062	109.7835	49.8624	3.60756
9600	5.6861	-6.0097	3.6625	111.0073	50.5601	3.66384
9700	5.6953	-6.0200	3.7119	112.0844	51.1107	3.71322
9800	5.7033	-6.0294	3.7548	113.0257	51.5257	3.75612
9900	5.7101	-6.0381	3.7917	113.8441	51.8194	3.79309
10000	5.7161	-6.0460	3.8233	114.5533	52.0062	3.82472
10100	5.7212	-6.0534	3.8502	115.1666	52.1020	3.85161
10200	5.7256	-6.0602	3.8730	115.6980	52.1197	3.87441
10300	5.7294	-6.0666	3.8923	116.1585	52.0719	3.89366
10400	5.7328	-6.0726	3.9085	116.5598	51.9708	3.90989
10500	5.7357	-6.0783	3.9222	116.9106	51.8248	3.92357
10600	5.7383	-6.0837	3.9338	117.2193	51.6430	3.93508
10700	5.7406	-6.0889	3.9435	117.4927	51.4327	3.94477
10800	5.7427	-6.0938	3.9516	117.7367	51.1991	3.95293
10900	5.7446	-6.0986	3.9585	117.9559	50.9477	3.95981
11000	5.7462	-6.1032	3.9644	118.1545	50.6822	3.96561
11100	5.7478	-6.1076	3.9693	118.3359	50.4060	3.97052
11200	5.7493	-6.1120	3.9735	118.5030	50.1224	3.97468
11300	5.7506	-6.1162	3.9770	118.6577	49.8330	3.97820
11400	5.7519	-6.1204	3.9800	118.8024	49.5397	3.98120
11500	5.7531	-6.1245	3.9826	118.9386	49.2440	3.98375
11600	5.7542	-6.1285	3.9848	119.0670	48.9474	3.98593
11700	5.7553	-6.1324	3.9867	119.1896	48.6513	3.98779
11800	5.7563	-6.1363	3.9883	119.3065	48.3556	3.98940
11900	5.7573	-6.1401	3.9897	119.4193	48.0616	3.99077
12000	5.7583	-6.1439	3.9909	119.5282	47.7693	3.99196
12100	5.7593	-6.1476	3.9919	119.6336	47.4794	3.99300
12200	5.7602	-6.1512	3.9929	119.7363	47.1927	3.99390
12300	5.7612	-6.1549	3.9937	119.8364	46.9086	3.99469
12400	5.7621	-6.1585	3.9944	119.9345	46.6282	3.99539
12500	5.7630	-6.1620	3.9950	120.0308	46.3509	3.99601
12600	5.7639	-6.1656	3.9956	120.1256	46.0773	3.99657
12700	5.7647	-6.1690	3.9961	120.2194	45.8082	3.99709
12800	5.7656	-6.1725	3.9966	120.3120	45.5423	3.99757
12900	5.7665	-6.1759	3.9971	120.4042	45.2811	3.99804
13000	5.7674	-6.1793	3.9976	120.4958	45.0241	3.99849
13100	5.7683	-6.1827	3.9980	120.5871	44.7714	3.99895
13200	5.7692	-6.1861	3.9985	120.6788	44.5237	3.99941

LOG P=-3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7701	-6.1894	3.9990	120.7710	44.2808	3.99991
13400	5.7710	-6.1927	3.9996	120.8639	44.0428	4.00044
13500	5.7719	-6.1960	4.0002	120.9580	43.8102	4.00103
13600	5.7729	-6.1993	4.0009	121.0539	43.5837	4.00170
13700	5.7738	-6.2026	4.0016	121.1518	43.3630	4.00246
13800	5.7749	-6.2058	4.0025	121.2526	43.1494	4.00335
13900	5.7759	-6.2091	4.0036	121.3564	42.9422	4.00437
14000	5.7772	-6.2123	4.0048	121.4844	42.7634	4.00557
14100	5.7781	-6.2155	4.0062	121.5773	42.5525	4.00697
14200	5.7794	-6.2188	4.0078	121.6962	42.3715	4.00861
14300	5.7807	-6.2221	4.0098	121.8218	42.2006	4.01054
14400	5.7820	-6.2253	4.0120	121.9557	42.0405	4.01281
14500	5.7835	-6.2286	4.0147	122.0990	41.8933	4.01546
14600	5.7851	-6.2319	4.0178	122.2530	41.7602	4.01858
14700	5.7869	-6.2353	4.0215	122.4200	41.6426	4.02221
14800	5.7887	-6.2387	4.0257	122.6014	41.5417	4.02645
14900	5.7908	-6.2422	4.0306	122.7992	41.4603	4.03138
15000	5.7931	-6.2457	4.0364	123.0160	41.4002	4.03710

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.3636	1.0000	27.9538	3.4901	1.00000
200	2.8445	-3.6646	1.0000	30.3806	3.4955	1.00000
300	3.0211	-3.8407	1.0000	31.8003	3.4990	1.00000
400	3.1470	-3.9657	1.0000	32.8096	3.5072	1.00000
500	3.2450	-4.0626	1.0000	33.5984	3.5156	1.00000
600	3.3251	-4.1418	1.0000	34.2523	3.5232	1.00000
700	3.3930	-4.2087	1.0000	34.8164	3.5310	1.00000
800	3.4552	-4.2667	1.0000	35.3156	3.5655	1.00000
900	3.5098	-4.3178	1.0000	35.7654	3.5938	1.00000
1000	3.5589	-4.3638	1.0000	36.1765	3.6218	1.00000
1100	3.6039	-4.4052	1.0000	36.5534	3.6521	1.00000
1200	3.6453	-4.4430	1.0000	36.9027	3.6823	1.00000
1300	3.6835	-4.4777	1.0000	37.2282	3.7120	1.00000
1400	3.7191	-4.5099	1.0000	37.5330	3.7406	1.00000
1500	3.7522	-4.5399	1.0000	37.8195	3.7681	1.00000
1600	3.7832	-4.5679	1.0000	38.0897	3.7942	1.00000
1700	3.8124	-4.5942	1.0000	38.3454	3.8191	1.00000
1800	3.8399	-4.6191	1.0000	38.5879	3.8427	1.00000
1900	3.8659	-4.6425	1.0000	38.8185	3.8650	1.00000
2000	3.8918	-4.6646	1.0000	39.0511	3.8973	1.00000
2100	3.9153	-4.6858	1.0000	39.2627	3.9179	1.00000
2200	3.9377	-4.7060	1.0000	39.4652	3.9384	1.00000
2300	3.9591	-4.7253	1.0000	39.6595	3.9567	1.00000
2400	3.9795	-4.7438	1.0000	39.8463	3.9745	1.00000
2500	3.9992	-4.7615	1.0000	40.0262	3.9924	1.00001
2600	4.0180	-4.7786	1.0000	40.1998	4.0090	1.00003
2700	4.0362	-4.7950	1.0001	40.3683	4.0254	1.00006
2800	4.0539	-4.8108	1.0001	40.5326	4.0436	1.00014
2900	4.0712	-4.8261	1.0003	40.6943	4.0630	1.00028
3000	4.0884	-4.8410	1.0005	40.8557	4.0858	1.00054
3100	4.1059	-4.8554	1.0010	41.0200	4.1162	1.00102
3200	4.1239	-4.8696	1.0018	41.1919	4.1565	1.00184
3300	4.1432	-4.8835	1.0032	41.3779	4.2138	1.00319

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1646	-4.8974	1.0054	41.5870	4.2965	1.00537
3500	4.1889	-4.9115	1.0087	41.8312	4.4139	1.00875
3600	4.2174	-4.9259	1.0139	42.1262	4.5826	1.01388
3700	4.2512	-4.9410	1.0215	42.4921	4.8194	1.02148
3800	4.2916	-4.9573	1.0325	42.9553	5.1505	1.03251
3900	4.3394	-4.9751	1.0482	43.5464	5.6023	1.04815
4000	4.3951	-4.9950	1.0699	44.3033	6.2094	1.06988
4100	4.4587	-5.0176	1.0995	45.2701	7.0137	1.09950
4200	4.5293	-5.0434	1.1390	46.4927	8.0552	1.13901
4300	4.6056	-5.0728	1.1905	48.0195	9.3780	1.19054
4400	4.6849	-5.1059	1.2556	49.8768	11.0011	1.25558
4500	4.7647	-5.1423	1.3349	52.0714	12.9277	1.33492
4600	4.8414	-5.1807	1.4266	54.5394	15.0881	1.42661
4700	4.9115	-5.2193	1.5261	57.1553	17.3549	1.52606
4800	4.9722	-5.2559	1.6259	59.7296	19.5404	1.62586
4900	5.0216	-5.2887	1.7176	62.0611	21.4493	1.71760
5000	5.0597	-5.3166	1.7949	64.0068	22.9462	1.79490
5100	5.0880	-5.3397	1.8558	65.5357	24.0101	1.85577
5200	5.1081	-5.3584	1.9004	66.6671	24.6684	1.90035
5300	5.1225	-5.3739	1.9321	67.4906	25.0185	1.93205
5400	5.1329	-5.3869	1.9541	68.0898	25.1489	1.95412
5500	5.1406	-5.3983	1.9694	68.5345	25.1321	1.96942
5600	5.1465	-5.4085	1.9801	68.8768	25.0226	1.98014
5700	5.1513	-5.4179	1.9878	69.1537	24.8580	1.98784
5800	5.1555	-5.4267	1.9936	69.3903	24.6635	1.99363
5900	5.1593	-5.4351	1.9983	69.6041	24.4570	1.99827
6000	5.1629	-5.4433	2.0023	69.8071	24.2500	2.00231
6100	5.1665	-5.4513	2.0061	70.0081	24.0518	2.00611
6200	5.1702	-5.4592	2.0100	70.2140	23.8684	2.01000
6300	5.1742	-5.4670	2.0142	70.4309	23.7046	2.01422
6400	5.1784	-5.4749	2.0190	70.6633	23.5649	2.01899
6500	5.1831	-5.4828	2.0245	70.9161	23.4533	2.02451
6600	5.1883	-5.4908	2.0310	71.1941	23.3738	2.03097
6700	5.1940	-5.4990	2.0386	71.5018	23.3302	2.03860
6800	5.2004	-5.5073	2.0476	71.8443	23.3273	2.04760
6900	5.2075	-5.5159	2.0582	72.2269	23.3691	2.05821
7000	5.2154	-5.5248	2.0707	72.6552	23.4605	2.07068
7100	5.2243	-5.5340	2.0853	73.1351	23.6066	2.08530
7200	5.2342	-5.5436	2.1023	73.6732	23.8132	2.10235
7300	5.2451	-5.5537	2.1221	74.2761	24.0858	2.12216
7400	5.2572	-5.5643	2.1450	74.9509	24.4306	2.14507
7500	5.2705	-5.5754	2.1713	75.7047	24.8536	2.17144
7600	5.2850	-5.5871	2.2015	76.5457	25.3624	2.20166
7700	5.3008	-5.5995	2.2359	77.4804	25.9615	2.23610
7800	5.3179	-5.6127	2.2750	78.5163	26.6582	2.27516
7900	5.3363	-5.6265	2.3190	79.6598	27.4571	2.31919
8000	5.3558	-5.6411	2.3683	80.9165	28.3631	2.36855
8100	5.3765	-5.6565	2.4231	82.2899	29.3779	2.42347
8200	5.3982	-5.6725	2.4838	83.7819	30.5026	2.48417
8300	5.4206	-5.6893	2.5502	85.3908	31.7343	2.55068
8400	5.4437	-5.7066	2.6223	87.1114	33.0667	2.62287
8500	5.4671	-5.7243	2.6998	88.9334	34.4889	2.70039
8600	5.4906	-5.7425	2.7819	90.8416	35.9849	2.78263
8700	5.5139	-5.7607	2.8680	92.8159	37.5342	2.86877
8800	5.5368	-5.7789	2.9568	94.8314	39.1119	2.95770

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.5589	-5.7969	3.0471	96.8575	40.6873	3.04804
9000	5.5799	-5.8144	3.1373	98.8639	42.2306	3.13834
9100	5.5996	-5.8313	3.2259	100.8186	43.7102	3.22706
9200	5.6179	-5.8474	3.3114	102.6898	45.0955	3.31260
9300	5.6347	-5.8626	3.3924	104.4526	46.3639	3.39369
9400	5.6498	-5.8768	3.4680	106.0882	47.4978	3.46928
9500	5.6633	-5.8900	3.5372	107.5825	48.4843	3.53858
9600	5.6753	-5.9022	3.5998	108.9315	49.3212	3.60121
9700	5.6858	-5.9133	3.6556	110.1346	50.0098	3.65705
9800	5.6950	-5.9236	3.7048	111.1980	50.5574	3.70626
9900	5.7030	-5.9330	3.7477	112.1312	50.9748	3.74921
10000	5.7099	-5.9417	3.7849	112.9457	51.2753	3.78637
10100	5.7159	-5.9496	3.8168	113.6537	51.4720	3.81828
10200	5.7211	-5.9570	3.8441	114.2691	51.5792	3.84558
10300	5.7256	-5.9638	3.8673	114.8029	51.6098	3.86878
10400	5.7295	-5.9702	3.8870	115.2677	51.5761	3.88847
10500	5.7329	-5.9763	3.9037	115.6733	51.4881	3.90516
10600	5.7359	-5.9820	3.9178	116.0288	51.3565	3.91926
10700	5.7386	-5.9873	3.9297	116.3421	51.1882	3.93118
10800	5.7409	-5.9925	3.9398	116.6200	50.9908	3.94125
10900	5.7430	-5.9974	3.9483	116.8680	50.7700	3.94976
11000	5.7449	-6.0022	3.9556	117.0910	50.5306	3.95697
11100	5.7467	-6.0068	3.9617	117.2931	50.2760	3.96307
11200	5.7483	-6.0113	3.9669	117.4778	50.0108	3.96825
11300	5.7498	-6.0156	3.9713	117.6474	49.7375	3.97265
11400	5.7511	-6.0199	3.9751	117.8046	49.4578	3.97639
11500	5.7524	-6.0240	3.9783	117.9515	49.1738	3.97958
11600	5.7536	-6.0280	3.9810	118.0890	48.8867	3.98231
11700	5.7548	-6.0320	3.9834	118.2194	48.5988	3.98465
11800	5.7559	-6.0360	3.9854	118.3429	48.3104	3.98665
11900	5.7570	-6.0398	3.9872	118.4611	48.0221	3.98837
12000	5.7580	-6.0436	3.9887	118.5748	47.7348	3.98986
12100	5.7590	-6.0473	3.9900	118.6842	47.4492	3.99114
12200	5.7600	-6.0511	3.9911	118.7903	47.1656	3.99226
12300	5.7609	-6.0547	3.9921	118.8932	46.8847	3.99325
12400	5.7619	-6.0583	3.9930	118.9936	46.6070	3.99410
12500	5.7628	-6.0619	3.9937	119.0919	46.3318	3.99486
12600	5.7637	-6.0654	3.9944	119.1882	46.0599	3.99553
12700	5.7646	-6.0689	3.9951	119.2832	45.7918	3.99615
12800	5.7655	-6.0724	3.9956	119.3767	45.5275	3.99671
12900	5.7664	-6.0758	3.9962	119.4693	45.2665	3.99722
13000	5.7673	-6.0792	3.9967	119.5611	45.0100	3.99772
13100	5.7681	-6.0826	3.9972	119.6523	44.7573	3.99820
13200	5.7690	-6.0860	3.9977	119.7433	44.5093	3.99867
13300	5.7699	-6.0893	3.9982	119.8345	44.2651	3.99916
13400	5.7708	-6.0926	3.9987	119.9259	44.0259	3.99966
13500	5.7717	-6.0959	3.9992	120.0181	43.7916	4.00020
13600	5.7727	-6.0992	3.9999	120.1115	43.5625	4.00080
13700	5.7736	-6.1024	4.0005	120.2061	43.3391	4.00146
13800	5.7746	-6.1057	4.0013	120.3030	43.1214	4.00221
13900	5.7756	-6.1089	4.0022	120.4020	42.9099	4.00307
14000	5.7768	-6.1121	4.0032	120.5241	42.7249	4.00406
14100	5.7777	-6.1154	4.0043	120.6101	42.5079	4.00521
14200	5.7788	-6.1186	4.0057	120.7206	42.3186	4.00655
14300	5.7800	-6.1218	4.0073	120.8363	42.1379	4.00811

LOG P=-3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7813	-6.1250	4.0091	120.9588	41.9672	4.00995
14500	5.7826	-6.1282	4.0112	121.0883	41.8066	4.01209
14600	5.7841	-6.1315	4.0138	121.2264	41.6582	4.01460
14700	5.7856	-6.1348	4.0167	121.3748	41.5225	4.01752
14800	5.7873	-6.1381	4.0201	121.5349	41.4013	4.02093
14900	5.7891	-6.1415	4.0241	121.7080	41.2965	4.02489
15000	5.7911	-6.1449	4.0287	121.8963	41.2086	4.02949

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.2636	1.0000	27.7236	3.4901	1.00000
200	2.8445	-3.5646	1.0000	30.1503	3.4955	1.00000
300	3.0211	-3.7407	1.0000	31.5701	3.4990	1.00000
400	3.1470	-3.8657	1.0000	32.5794	3.5072	1.00000
500	3.2450	-3.9626	1.0000	33.3682	3.5156	1.00000
600	3.3251	-4.0418	1.0000	34.0221	3.5232	1.00000
700	3.3930	-4.1087	1.0000	34.5861	3.5310	1.00000
800	3.4552	-4.1667	1.0000	35.0854	3.5655	1.00000
900	3.5098	-4.2178	1.0000	35.5352	3.5938	1.00000
1000	3.5589	-4.2638	1.0000	35.9462	3.6218	1.00000
1100	3.6039	-4.3052	1.0000	36.3231	3.6521	1.00000
1200	3.6453	-4.3430	1.0000	36.6725	3.6823	1.00000
1300	3.6835	-4.3777	1.0000	36.9980	3.7120	1.00000
1400	3.7191	-4.4099	1.0000	37.3027	3.7406	1.00000
1500	3.7522	-4.4399	1.0000	37.5893	3.7681	1.00000
1600	3.7832	-4.4679	1.0000	37.8595	3.7942	1.00000
1700	3.8124	-4.4942	1.0000	38.1151	3.8191	1.00000
1800	3.8399	-4.5191	1.0000	38.3576	3.8427	1.00000
1900	3.8659	-4.5425	1.0000	38.5883	3.8649	1.00000
2000	3.8918	-4.5646	1.0000	38.8208	3.8973	1.00000
2100	3.9153	-4.5858	1.0000	39.0324	3.9179	1.00000
2200	3.9377	-4.6060	1.0000	39.2350	3.9384	1.00000
2300	3.9591	-4.6253	1.0000	39.4293	3.9567	1.00000
2400	3.9795	-4.6438	1.0000	39.6160	3.9745	1.00000
2500	3.9992	-4.6615	1.0000	39.7959	3.9923	1.00001
2600	4.0180	-4.6786	1.0000	39.9694	4.0089	1.00002
2700	4.0361	-4.6950	1.0001	40.1377	4.0251	1.00005
2800	4.0539	-4.7108	1.0001	40.3017	4.0430	1.00012
2900	4.0711	-4.7261	1.0002	40.4627	4.0617	1.00025
3000	4.0882	-4.7409	1.0005	40.6230	4.0835	1.00049
3100	4.1054	-4.7554	1.0009	40.7853	4.1120	1.00091
3200	4.1231	-4.7695	1.0016	40.9540	4.1492	1.00164
3300	4.1419	-4.7833	1.0028	41.1347	4.2016	1.00284
3400	4.1626	-4.7972	1.0048	41.3357	4.2765	1.00478
3500	4.1858	-4.8110	1.0078	41.5675	4.3823	1.00780
3600	4.2128	-4.8252	1.0124	41.8440	4.5338	1.01237
3700	4.2445	-4.8400	1.0191	42.1837	4.7459	1.01914
3800	4.2824	-4.8558	1.0290	42.6096	5.0421	1.02897
3900	4.3271	-4.8729	1.0429	43.1493	5.4460	1.04292
4000	4.3794	-4.8919	1.0623	43.8369	5.9887	1.06231
4100	4.4394	-4.9133	1.0888	44.7124	6.7080	1.08877
4200	4.5064	-4.9377	1.1241	45.8184	7.6414	1.12413
4300	4.5795	-4.9654	1.1705	47.2014	8.8317	1.17046
4400	4.6564	-4.9967	1.2293	48.8922	10.3028	1.22933

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.7349	-5.0314	1.3020	50.9109	12.0708	1.30199
4600	4.8117	-5.0686	1.3875	53.2201	14.0923	1.38754
4700	4.8836	-5.1068	1.4828	55.7291	16.2746	1.48280
4800	4.9475	-5.1440	1.5817	58.2802	18.4603	1.58171
4900	5.0011	-5.1782	1.6764	60.6811	20.4600	1.67636
5000	5.0436	-5.2080	1.7595	62.7640	22.1125	1.75949
5100	5.0760	-5.2330	1.8275	64.4570	23.3554	1.82746
5200	5.0995	-5.2535	1.8788	65.7432	24.1797	1.87884
5300	5.1164	-5.2703	1.9163	66.6946	24.6659	1.91626
5400	5.1286	-5.2844	1.9428	67.3907	24.8986	1.94275
5500	5.1375	-5.2965	1.9613	67.9044	24.9550	1.96128
5600	5.1443	-5.3072	1.9743	68.2940	24.8953	1.97426
5700	5.1497	-5.3169	1.9835	68.6021	24.7637	1.98351
5800	5.1542	-5.3260	1.9903	68.8583	24.5903	1.99033
5900	5.1582	-5.3345	1.9956	69.0833	24.3960	1.99561
6000	5.1619	-5.3428	2.0000	69.2914	24.1951	2.00000
6100	5.1655	-5.3508	2.0040	69.4927	23.9980	2.00395
6200	5.1692	-5.3587	2.0078	69.6949	23.8118	2.00782
6300	5.1730	-5.3665	2.0119	69.9045	23.6417	2.01188
6400	5.1771	-5.3743	2.0163	70.1263	23.4922	2.01632
6500	5.1815	-5.3822	2.0214	70.3652	23.3680	2.02139
6600	5.1864	-5.3901	2.0273	70.6255	23.2724	2.02727
6700	5.1917	-5.3981	2.0341	70.9119	23.2091	2.03415
6800	5.1977	-5.4062	2.0422	71.2287	23.1824	2.04223
6900	5.2043	-5.4146	2.0517	71.5810	23.1960	2.05173
7000	5.2116	-5.4232	2.0629	71.9737	23.2548	2.06289
7100	5.2198	-5.4321	2.0759	72.4123	23.3628	2.07595
7200	5.2289	-5.4413	2.0911	72.9027	23.5254	2.09118
7300	5.2389	-5.4510	2.1088	73.4508	23.7476	2.10886
7400	5.2501	-5.4611	2.1292	74.0630	24.0350	2.12933
7500	5.2623	-5.4717	2.1528	74.7461	24.3931	2.15288
7600	5.2758	-5.4828	2.1798	75.5074	24.8285	2.17990
7700	5.2904	-5.4946	2.2106	76.3531	25.3464	2.21071
7800	5.3063	-5.5070	2.2455	77.2904	25.9530	2.24571
7900	5.3234	-5.5201	2.2850	78.3258	26.6532	2.28522
8000	5.3417	-5.5339	2.3294	79.4651	27.4524	2.32963
8100	5.3611	-5.5485	2.3789	80.7126	28.3533	2.37919
8200	5.3816	-5.5637	2.4338	82.0718	29.3586	2.43416
8300	5.4029	-5.5796	2.4942	83.5434	30.4673	2.49468
8400	5.4250	-5.5962	2.5603	85.1255	31.6773	2.56076
8500	5.4477	-5.6132	2.6317	86.8123	32.9817	2.63226
8600	5.4707	-5.6308	2.7081	88.5937	34.3694	2.70892
8700	5.4937	-5.6486	2.7891	90.4552	35.8247	2.78986
8800	5.5165	-5.6665	2.8737	92.3776	37.3291	2.87454
8900	5.5389	-5.6844	2.9608	94.3356	38.8561	2.96176
9000	5.5604	-5.7020	3.0492	96.3026	40.3805	3.05027
9100	5.5810	-5.7192	3.1376	98.2498	41.8729	3.13871
9200	5.6003	-5.7358	3.2243	100.1456	43.3034	3.22553
9300	5.6183	-5.7517	3.3080	101.9629	44.6456	3.30936
9400	5.6347	-5.7666	3.3876	103.6789	45.8775	3.38900
9500	5.6496	-5.7806	3.4619	105.2735	46.9809	3.46336
9600	5.6630	-5.7937	3.5303	106.7362	47.9463	3.53179
9700	5.6749	-5.8057	3.5922	108.0598	48.7687	3.59380
9800	5.6854	-5.8168	3.6477	109.2444	49.4503	3.64928
9900	5.6946	-5.8271	3.6968	110.2958	49.9961	3.69838

LOG P=-3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.7026	-5.8364	3.7398	111.2222	50.4183	3.74144
10100	5.7096	-5.8451	3.7772	112.0334	50.7262	3.77882
10200	5.7156	-5.8531	3.8095	112.7423	50.9339	3.81112
10300	5.7209	-5.8605	3.8372	113.3596	51.0541	3.83884
10400	5.7254	-5.8673	3.8609	113.8980	51.0989	3.86254
10500	5.7294	-5.8737	3.8811	114.3676	51.0793	3.88274
10600	5.7329	-5.8798	3.8983	114.7786	51.0067	3.89992
10700	5.7360	-5.8855	3.9129	115.1397	50.8892	3.91451
10800	5.7387	-5.8909	3.9253	115.4587	50.7353	3.92689
10900	5.7412	-5.8961	3.9358	115.7414	50.5513	3.93739
11000	5.7433	-5.9010	3.9447	115.9942	50.3436	3.94630
11100	5.7453	-5.9058	3.9523	116.2216	50.1162	3.95386
11200	5.7471	-5.9104	3.9588	116.4277	49.8737	3.96029
11300	5.7487	-5.9148	3.9643	116.6156	49.6194	3.96576
11400	5.7502	-5.9192	3.9689	116.7883	49.3559	3.97042
11500	5.7517	-5.9234	3.9729	116.9482	49.0858	3.97440
11600	5.7530	-5.9275	3.9764	117.0971	48.8108	3.97781
11700	5.7542	-5.9316	3.9793	117.2370	48.5333	3.98072
11800	5.7554	-5.9356	3.9818	117.3686	48.2529	3.98322
11900	5.7565	-5.9395	3.9840	117.4939	47.9721	3.98537
12000	5.7576	-5.9433	3.9859	117.6134	47.6912	3.98723
12100	5.7587	-5.9471	3.9875	117.7278	47.4112	3.98883
12200	5.7597	-5.9508	3.9889	117.8383	47.1324	3.99023
12300	5.7607	-5.9545	3.9902	117.9449	46.8554	3.99145
12400	5.7616	-5.9581	3.9912	118.0483	46.5806	3.99250
12500	5.7626	-5.9617	3.9922	118.1491	46.3084	3.99343
12600	5.7635	-5.9653	3.9930	118.2476	46.0388	3.99426
12700	5.7644	-5.9688	3.9938	118.3442	45.7725	3.99500
12800	5.7653	-5.9723	3.9945	118.4391	45.5099	3.99566
12900	5.7662	-5.9757	3.9951	118.5328	45.2500	3.99626
13000	5.7671	-5.9791	3.9957	118.6251	44.9939	3.99682
13100	5.7680	-5.9825	3.9962	118.7167	44.7419	3.99735
13200	5.7689	-5.9859	3.9967	118.8075	44.4933	3.99786
13300	5.7698	-5.9892	3.9973	118.8982	44.2491	3.99836
13400	5.7706	-5.9925	3.9978	118.9889	44.0092	3.99887
13500	5.7716	-5.9958	3.9983	119.0799	43.7742	3.99938
13600	5.7725	-5.9991	3.9989	119.1715	43.5434	3.99994
13700	5.7734	-6.0023	3.9995	119.2638	43.3172	4.00053
13800	5.7743	-6.0056	4.0002	119.3578	43.0972	4.00119
13900	5.7753	-6.0088	4.0009	119.4530	42.8821	4.00193
14000	5.7765	-6.0120	4.0018	119.5707	42.6929	4.00277
14100	5.7773	-6.0152	4.0027	119.6513	42.4709	4.00373
14200	5.7784	-6.0184	4.0039	119.7553	42.2751	4.00484
14300	5.7795	-6.0216	4.0052	119.8633	42.0875	4.00612
14400	5.7807	-6.0247	4.0067	119.9765	41.9079	4.00761
14500	5.7819	-6.0279	4.0084	120.0952	41.7369	4.00935
14600	5.7832	-6.0311	4.0104	120.2207	41.5765	4.01137
14700	5.7846	-6.0344	4.0128	120.3542	41.4266	4.01373
14800	5.7861	-6.0376	4.0156	120.4971	41.2887	4.01647
14900	5.7877	-6.0409	4.0188	120.6501	41.1641	4.01966
15000	5.7895	-6.0442	4.0225	120.8156	41.0552	4.02337

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.1636	1.0000	27.4933	3.4901	1.00000
200	2.8445	-3.4646	1.0000	29.9200	3.4955	1.00000
300	3.0211	-3.6407	1.0000	31.3398	3.4990	1.00000
400	3.1470	-3.7657	1.0000	32.3491	3.5072	1.00000
500	3.2450	-3.8626	1.0000	33.1379	3.5156	1.00000
600	3.3251	-3.9418	1.0000	33.7918	3.5232	1.00000
700	3.3930	-4.0087	1.0000	34.3558	3.5310	1.00000
800	3.4552	-4.0667	1.0000	34.8551	3.5655	1.00000
900	3.5098	-4.1178	1.0000	35.3049	3.5938	1.00000
1000	3.5589	-4.1638	1.0000	35.7159	3.6218	1.00000
1100	3.6039	-4.2052	1.0000	36.0929	3.6521	1.00000
1200	3.6453	-4.2430	1.0000	36.4422	3.6823	1.00000
1300	3.6835	-4.2777	1.0000	36.7677	3.7120	1.00000
1400	3.7191	-4.3099	1.0000	37.0725	3.7406	1.00000
1500	3.7522	-4.3399	1.0000	37.3590	3.7680	1.00000
1600	3.7832	-4.3679	1.0000	37.6292	3.7942	1.00000
1700	3.8124	-4.3942	1.0000	37.8849	3.8191	1.00000
1800	3.8399	-4.4191	1.0000	38.1274	3.8427	1.00000
1900	3.8659	-4.4425	1.0000	38.3581	3.8650	1.00000
2000	3.8918	-4.4646	1.0000	38.5905	3.8973	1.00000
2100	3.9153	-4.4858	1.0000	38.8022	3.9179	1.00000
2200	3.9377	-4.5060	1.0000	39.0047	3.9384	1.00000
2300	3.9591	-4.5253	1.0000	39.1990	3.9567	1.00000
2400	3.9795	-4.5438	1.0000	39.3857	3.9744	1.00000
2500	3.9992	-4.5615	1.0000	39.5656	3.9923	1.00001
2600	4.0180	-4.5786	1.0000	39.7390	4.0088	1.00002
2700	4.0361	-4.5950	1.0000	39.9072	4.0249	1.00005
2800	4.0538	-4.6108	1.0001	40.0709	4.0424	1.00011
2900	4.0710	-4.6261	1.0002	40.2313	4.0606	1.00022
3000	4.0879	-4.6409	1.0004	40.3906	4.0815	1.00044
3100	4.1050	-4.6553	1.0008	40.5512	4.1083	1.00081
3200	4.1224	-4.6694	1.0015	40.7169	4.1427	1.00146
3300	4.1408	-4.6832	1.0025	40.8930	4.1906	1.00254
3400	4.1608	-4.6969	1.0043	41.0866	4.2587	1.00426
3500	4.1830	-4.7107	1.0069	41.3073	4.3541	1.00695
3600	4.2086	-4.7247	1.0110	41.5675	4.4903	1.01102
3700	4.2385	-4.7392	1.0171	41.8837	4.6803	1.01706
3800	4.2740	-4.7545	1.0258	42.2764	4.9455	1.02583
3900	4.3159	-4.7710	1.0383	42.7704	5.3066	1.03826
4000	4.3649	-4.7891	1.0555	43.3960	5.7915	1.05555
4100	4.4213	-4.8095	1.0792	44.1897	6.4348	1.07918
4200	4.4848	-4.8325	1.1108	45.1904	7.2706	1.11081
4300	4.5546	-4.8587	1.1524	46.4423	8.3400	1.15237
4400	4.6288	-4.8882	1.2055	47.9783	9.6691	1.20551
4500	4.7056	-4.9212	1.2717	49.8265	11.2827	1.27171
4600	4.7819	-4.9570	1.3508	51.9697	13.1575	1.35084
4700	4.8548	-4.9944	1.4410	54.3481	15.2309	1.44096
4800	4.9212	-5.0316	1.5375	56.8388	17.3782	1.53747
4900	4.9786	-5.0669	1.6333	59.2671	19.4267	1.63330
5000	5.0254	-5.0983	1.7209	61.4554	21.2044	1.72091
5100	5.0620	-5.1253	1.7955	63.3008	22.6162	1.79548
5200	5.0891	-5.1477	1.8538	64.7457	23.6120	1.85384
5300	5.1089	-5.1661	1.8975	65.8368	24.2471	1.89751
5400	5.1233	-5.1813	1.9290	66.6433	24.5967	1.92904
5500	5.1338	-5.1943	1.9514	67.2384	24.7393	1.95137

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	5.1416	-5.2056	1.9671	67.6855	24.7405	1.96708
5700	5.1477	-5.2158	1.9783	68.0327	24.6504	1.97826
5800	5.1527	-5.2251	1.9864	68.3144	24.5041	1.98637
5900	5.1569	-5.2339	1.9925	68.5553	24.3272	1.99251
6000	5.1608	-5.2422	1.9974	68.7719	24.1358	1.99743
6100	5.1645	-5.2503	2.0017	68.9761	23.9428	2.00165
6200	5.1682	-5.2582	2.0056	69.1771	23.7560	2.00560
6300	5.1719	-5.2660	2.0096	69.3817	23.5818	2.00957
6400	5.1759	-5.2738	2.0138	69.5950	23.4251	2.01380
6500	5.1801	-5.2815	2.0185	69.8221	23.2903	2.01851
6600	5.1847	-5.2893	2.0239	70.0673	23.1805	2.02388
6700	5.1897	-5.2972	2.0301	70.3348	23.1002	2.03011
6800	5.1952	-5.3052	2.0374	70.6291	23.0525	2.03739
6900	5.2014	-5.3133	2.0459	70.9544	23.0414	2.04592
7000	5.2082	-5.3217	2.0559	71.3156	23.0709	2.05591
7100	5.2157	-5.3303	2.0675	71.7175	23.1451	2.06759
7200	5.2241	-5.3392	2.0811	72.1652	23.2683	2.08119
7300	5.2334	-5.3485	2.0969	72.6645	23.4454	2.09699
7400	5.2436	-5.3582	2.1152	73.2210	23.6814	2.11526
7500	5.2549	-5.3683	2.1362	73.8409	23.9814	2.13630
7600	5.2673	-5.3789	2.1603	74.5306	24.3513	2.16045
7700	5.2809	-5.3901	2.1879	75.2963	24.7957	2.18800
7800	5.2956	-5.4019	2.2192	76.1446	25.3207	2.21932
7900	5.3115	-5.4143	2.2545	77.0817	25.9312	2.25474
8000	5.3285	-5.4273	2.2944	78.1135	26.6331	2.29461
8100	5.3467	-5.4411	2.3389	79.2450	27.4290	2.33922
8200	5.3660	-5.4555	2.3885	80.4806	28.3227	2.38886
8300	5.3862	-5.4707	2.4433	81.8224	29.3150	2.44372
8400	5.4072	-5.4864	2.5034	83.2712	30.4063	2.50394
8500	5.4290	-5.5028	2.5689	84.8238	31.5919	2.56946
8600	5.4512	-5.5196	2.6395	86.4744	32.8655	2.64013
8700	5.4738	-5.5369	2.7148	88.2133	34.2165	2.71560
8800	5.4963	-5.5544	2.7944	90.0264	35.6306	2.79528
8900	5.5186	-5.5720	2.8774	91.8945	37.0878	2.87836
9000	5.5405	-5.5895	2.9628	93.7959	38.5667	2.96385
9100	5.5616	-5.6069	3.0494	95.7058	40.0425	3.05057
9200	5.5817	-5.6237	3.1359	97.5945	41.4853	3.13713
9300	5.6006	-5.6400	3.2208	99.4350	42.8695	3.22218
9400	5.6183	-5.6556	3.3030	101.2024	44.1711	3.30443
9500	5.6345	-5.6704	3.3811	102.8723	45.3674	3.38262
9600	5.6492	-5.6842	3.4543	104.4296	46.4439	3.45587
9700	5.6625	-5.6971	3.5218	105.8614	47.3898	3.52345
9800	5.6743	-5.7091	3.5832	107.1620	48.2002	3.58494
9900	5.6847	-5.7202	3.6385	108.3316	48.8771	3.64021
10000	5.6939	-5.7303	3.6876	109.3737	49.4250	3.68936
10100	5.7020	-5.7397	3.7308	110.2951	49.8527	3.73259
10200	5.7090	-5.7484	3.7686	111.1063	50.1704	3.77037
10300	5.7152	-5.7564	3.8013	111.8164	50.3900	3.80310
10400	5.7205	-5.7638	3.8295	112.4382	50.5243	3.83135
10500	5.7252	-5.7707	3.8538	112.9815	50.5838	3.85561
10600	5.7293	-5.7771	3.8746	113.4572	50.5799	3.87637
10700	5.7329	-5.7832	3.8923	113.8746	50.5222	3.89409
10800	5.7360	-5.7889	3.9074	114.2421	50.4198	3.90922
10900	5.7388	-5.7943	3.9203	114.5667	50.2806	3.92210
11000	5.7413	-5.7995	3.9313	114.8553	50.1108	3.93306

LOG P=-3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.7436	-5.8045	3.9407	115.1135	49.9161	3.94240
11200	5.7456	-5.8093	3.9487	115.3459	49.7022	3.95037
11300	5.7474	-5.8139	3.9555	115.5563	49.4719	3.95715
11400	5.7491	-5.8183	3.9613	115.7481	49.2286	3.96295
11500	5.7507	-5.8227	3.9663	115.9243	48.9758	3.96791
11600	5.7521	-5.8269	3.9706	116.0873	48.7160	3.97216
11700	5.7535	-5.8310	3.9742	116.2392	48.4510	3.97580
11800	5.7548	-5.8351	3.9774	116.3811	48.1821	3.97892
11900	5.7560	-5.8390	3.9801	116.5150	47.9101	3.98162
12000	5.7571	-5.8429	3.9824	116.6421	47.6377	3.98394
12100	5.7582	-5.8468	3.9845	116.7628	47.3638	3.98594
12200	5.7593	-5.8505	3.9862	116.8786	47.0910	3.98768
12300	5.7603	-5.8542	3.9878	116.9899	46.8191	3.98920
12400	5.7613	-5.8579	3.9891	117.0973	46.5485	3.99051
12500	5.7623	-5.8615	3.9903	117.2014	46.2798	3.99167
12600	5.7633	-5.8651	3.9913	117.3028	46.0136	3.99268
12700	5.7642	-5.8686	3.9922	117.4017	45.7497	3.99358
12800	5.7651	-5.8721	3.9931	117.4985	45.4890	3.99439
12900	5.7660	-5.8756	3.9938	117.5937	45.2307	3.99510
13000	5.7669	-5.8790	3.9945	117.6873	44.9760	3.99576
13100	5.7678	-5.8824	3.9951	117.7796	44.7249	3.99637
13200	5.7687	-5.8858	3.9957	117.8709	44.4770	3.99693
13300	5.7696	-5.8891	3.9962	117.9618	44.2335	3.99748
13400	5.7705	-5.8924	3.9968	118.0521	43.9932	3.99801
13500	5.7714	-5.8957	3.9973	118.1424	43.7573	3.99853
13600	5.7723	-5.8990	3.9979	118.2328	43.5255	3.99907
13700	5.7732	-5.9022	3.9985	118.3236	43.2980	3.99963
13800	5.7741	-5.9054	3.9991	118.4153	43.0757	4.00023
13900	5.7751	-5.9086	3.9998	118.5079	42.8583	4.00089
14000	5.7762	-5.9118	4.0005	118.6223	42.6663	4.00162
14100	5.7770	-5.9150	4.0013	118.6986	42.4399	4.00244
14200	5.7780	-5.9182	4.0023	118.7975	42.2393	4.00338
14300	5.7791	-5.9214	4.0034	118.8995	42.0458	4.00443
14400	5.7802	-5.9245	4.0046	119.0054	41.8591	4.00566
14500	5.7813	-5.9277	4.0060	119.1156	41.6800	4.00708
14600	5.7825	-5.9309	4.0077	119.2309	41.5098	4.00873
14700	5.7838	-5.9340	4.0096	119.3526	41.3484	4.01064
14800	5.7851	-5.9372	4.0118	119.4817	41.1978	4.01285
14900	5.7866	-5.9404	4.0144	119.6190	41.0580	4.01543
15000	5.7881	-5.9436	4.0174	119.7658	40.9309	4.01841

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-3.0636	1.0000	27.2631	3.4901	1.00000
200	2.8445	-3.3646	1.0000	29.6898	3.4955	1.00000
300	3.0211	-3.5407	1.0000	31.1095	3.4990	1.00000
400	3.1470	-3.6657	1.0000	32.1189	3.5072	1.00000
500	3.2450	-3.7626	1.0000	32.9076	3.5156	1.00000
600	3.3251	-3.8418	1.0000	33.5616	3.5232	1.00000
700	3.3930	-3.9087	1.0000	34.1256	3.5310	1.00000
800	3.4552	-3.9667	1.0000	34.6248	3.5655	1.00000
900	3.5098	-4.0178	1.0000	35.0747	3.5938	1.00000
1000	3.5589	-4.0638	1.0000	35.4857	3.6218	1.00000
1100	3.6039	-4.1052	1.0000	35.8626	3.6521	1.00000

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-4.1430	1.0000	36.2119	3.6823	1.00000
1300	3.6835	-4.1777	1.0000	36.5375	3.7120	1.00000
1400	3.7191	-4.2099	1.0000	36.8423	3.7406	1.00000
1500	3.7522	-4.2399	1.0000	37.1288	3.7681	1.00000
1600	3.7832	-4.2679	1.0000	37.3989	3.7942	1.00000
1700	3.8124	-4.2942	1.0000	37.6546	3.8191	1.00000
1800	3.8399	-4.3191	1.0000	37.8971	3.8427	1.00000
1900	3.8659	-4.3425	1.0000	38.1278	3.8650	1.00000
2000	3.8918	-4.3646	1.0000	38.3602	3.8973	1.00000
2100	3.9153	-4.3858	1.0000	38.5719	3.9179	1.00000
2200	3.9377	-4.4060	1.0000	38.7744	3.9384	1.00000
2300	3.9591	-4.4253	1.0000	38.9687	3.9567	1.00000
2400	3.9795	-4.4438	1.0000	39.1555	3.9744	1.00000
2500	3.9992	-4.4615	1.0000	39.3353	3.9923	1.00001
2600	4.0180	-4.4786	1.0000	39.5087	4.0087	1.00002
2700	4.0361	-4.4950	1.0000	39.6767	4.0246	1.00004
2800	4.0537	-4.5108	1.0001	39.8401	4.0419	1.00010
2900	4.0709	-4.5261	1.0002	40.0001	4.0597	1.00020
3000	4.0877	-4.5409	1.0004	40.1584	4.0796	1.00039
3100	4.1047	-4.5553	1.0007	40.3174	4.1050	1.00072
3200	4.1218	-4.5693	1.0013	40.4806	4.1369	1.00130
3300	4.1398	-4.5831	1.0023	40.6524	4.1809	1.00226
3400	4.1591	-4.5967	1.0038	40.8395	4.2429	1.00379
3500	4.1805	-4.6103	1.0062	41.0504	4.3290	1.00619
3600	4.2048	-4.6242	1.0098	41.2961	4.4515	1.00983
3700	4.2330	-4.6384	1.0152	41.5913	4.6219	1.01521
3800	4.2664	-4.6533	1.0230	41.9544	4.8594	1.02302
3900	4.3056	-4.6692	1.0341	42.4075	5.1823	1.03411
4000	4.3515	-4.6867	1.0495	42.9778	5.6158	1.04952
4100	4.4045	-4.7060	1.0706	43.6981	6.1908	1.07062
4200	4.4645	-4.7278	1.0989	44.6041	6.9388	1.09888
4300	4.5310	-4.7525	1.1361	45.7369	7.8981	1.13612
4400	4.6023	-4.7804	1.1840	47.1300	9.0958	1.18395
4500	4.6770	-4.8116	1.2440	48.8159	10.5619	1.24401
4600	4.7522	-4.8459	1.3167	50.7932	12.2880	1.31672
4700	4.8255	-4.8822	1.4011	53.0266	14.2360	1.40113
4800	4.8938	-4.9192	1.4939	55.4245	16.3123	1.49392
4900	4.9543	-4.9550	1.5893	57.8393	18.3699	1.58925
5000	5.0051	-4.9878	1.6799	60.0976	20.2383	1.67985
5100	5.0460	-5.0167	1.7601	62.0741	21.7987	1.76010
5200	5.0770	-5.0409	1.8252	63.6727	22.9627	1.82523
5300	5.1000	-5.0610	1.8755	64.9109	23.7559	1.87549
5400	5.1169	-5.0776	1.9126	65.8406	24.2368	1.91264
5500	5.1292	-5.0916	1.9394	66.5306	24.4798	1.93938
5600	5.1383	-5.1037	1.9584	67.0465	24.5537	1.95836
5700	5.1453	-5.1144	1.9719	67.4418	24.5143	1.97188
5800	5.1509	-5.1241	1.9816	67.7559	24.4026	1.98162
5900	5.1555	-5.1331	1.9889	68.0175	24.2479	1.98886
6000	5.1596	-5.1416	1.9945	68.2466	24.0702	1.99448
6100	5.1634	-5.1498	1.9991	68.4568	23.8839	1.99913
6200	5.1671	-5.1577	2.0033	68.6591	23.6994	2.00327
6300	5.1708	-5.1655	2.0073	68.8608	23.5235	2.00726
6400	5.1747	-5.1733	2.0114	69.0679	23.3612	2.01135
6500	5.1787	-5.1810	2.0158	69.2852	23.2177	2.01578
6600	5.1831	-5.1887	2.0207	69.5178	23.0965	2.02075

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1878	-5.1964	2.0264	69.7690	23.0012	2.02643
6800	5.1930	-5.2042	2.0330	70.0436	22.9355	2.03301
6900	5.1987	-5.2122	2.0407	70.3452	22.9026	2.04070
7000	5.2051	-5.2204	2.0496	70.6784	22.9062	2.04965
7100	5.2121	-5.2287	2.0601	71.0476	22.9504	2.06010
7200	5.2198	-5.2374	2.0722	71.4574	23.0386	2.07226
7300	5.2284	-5.2463	2.0863	71.9131	23.1759	2.08638
7400	5.2378	-5.2556	2.1026	72.4198	23.3659	2.10270
7500	5.2482	-5.2653	2.1214	72.9830	23.6139	2.12148
7600	5.2597	-5.2754	2.1429	73.6087	23.9249	2.14305
7700	5.2722	-5.2861	2.1675	74.3023	24.3035	2.16768
7800	5.2858	-5.2972	2.1955	75.0704	24.7551	2.19570
7900	5.3005	-5.3090	2.2272	75.9187	25.2848	2.22741
8000	5.3163	-5.3214	2.2629	76.8530	25.8972	2.26316
8100	5.3333	-5.3344	2.3029	77.8782	26.5965	2.30324
8200	5.3514	-5.3480	2.3476	78.9995	27.3867	2.34794
8300	5.3704	-5.3624	2.3971	80.2198	28.2698	2.39750
8400	5.3904	-5.3773	2.4516	81.5415	29.2469	2.45212
8500	5.4111	-5.3929	2.5113	82.9639	30.3168	2.51184
8600	5.4325	-5.4091	2.5760	84.4845	31.4764	2.57665
8700	5.4543	-5.4257	2.6457	86.0973	32.7180	2.64640
8800	5.4764	-5.4426	2.7199	87.7929	34.0321	2.72069
8900	5.4984	-5.4598	2.7980	89.5571	35.4036	2.79896
9000	5.5203	-5.4771	2.8794	91.3727	36.8156	2.88046
9100	5.5416	-5.4944	2.9631	93.2193	38.2469	2.96423
9200	5.5623	-5.5114	3.0478	95.0711	39.6730	3.04909
9300	5.5820	-5.5280	3.1325	96.9034	41.0690	3.13382
9400	5.6006	-5.5440	3.2157	98.6916	42.4106	3.21718
9500	5.6179	-5.5593	3.2963	100.4096	43.6736	3.29785
9600	5.6339	-5.5739	3.3731	102.0388	44.8394	3.37479
9700	5.6485	-5.5876	3.4453	103.5611	45.8916	3.44704
9800	5.6617	-5.6004	3.5121	104.9654	46.8204	3.51392
9900	5.6734	-5.6123	3.5731	106.2459	47.6210	3.57499
10000	5.6839	-5.6233	3.6282	107.4017	48.2948	3.63013
10100	5.6931	-5.6335	3.6774	108.4349	48.8453	3.67930
10200	5.7013	-5.6428	3.7209	109.3532	49.2798	3.72283
10300	5.7084	-5.6515	3.7590	110.1637	49.6083	3.76098
10400	5.7146	-5.6595	3.7923	110.8777	49.8415	3.79426
10500	5.7201	-5.6670	3.8211	111.5040	49.9903	3.82308
10600	5.7248	-5.6739	3.8460	112.0539	50.0659	3.84795
10700	5.7290	-5.6804	3.8674	112.5367	50.0785	3.86934
10800	5.7327	-5.6865	3.8857	112.9615	50.0374	3.88770
10900	5.7360	-5.6922	3.9014	113.3357	49.9508	3.90340
11000	5.7389	-5.6977	3.9149	113.6675	49.8270	3.91683
11100	5.7414	-5.7029	3.9264	113.9627	49.6717	3.92832
11200	5.7437	-5.7079	3.9362	114.2269	49.4911	3.93813
11300	5.7458	-5.7127	3.9447	114.4646	49.2898	3.94652
11400	5.7477	-5.7173	3.9519	114.6798	49.0718	3.95371
11500	5.7495	-5.7218	3.9581	114.8762	48.8405	3.95987
11600	5.7511	-5.7261	3.9633	115.0562	48.5983	3.96514
11700	5.7526	-5.7303	3.9679	115.2228	48.3489	3.96967
11800	5.7540	-5.7345	3.9718	115.3772	48.0930	3.97357
11900	5.7553	-5.7385	3.9752	115.5219	47.8331	3.97693
12000	5.7565	-5.7425	3.9781	115.6581	47.5701	3.97982
12100	5.7577	-5.7463	3.9807	115.7868	47.3048	3.98233

LOG P=-3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7588	-5.7502	3.9829	115.9095	47.0391	3.98450
12300	5.7599	-5.7539	3.9848	116.0266	46.7736	3.98639
12400	5.7610	-5.7576	3.9864	116.1390	46.5085	3.98803
12500	5.7620	-5.7613	3.9879	116.2476	46.2445	3.98946
12600	5.7630	-5.7649	3.9892	116.3525	45.9819	3.99072
12700	5.7639	-5.7684	3.9903	116.4545	45.7213	3.99183
12800	5.7649	-5.7719	3.9913	116.5539	45.4632	3.99282
12900	5.7658	-5.7754	3.9922	116.6513	45.2076	3.99369
13000	5.7667	-5.7788	3.9930	116.7465	44.9547	3.99448
13100	5.7676	-5.7823	3.9938	116.8401	44.7052	3.99518
13200	5.7685	-5.7856	3.9944	116.9326	44.4585	3.99584
13300	5.7694	-5.7890	3.9951	117.0239	44.2154	3.99646
13400	5.7703	-5.7923	3.9957	117.1145	43.9753	3.99704
13500	5.7712	-5.7956	3.9962	117.2047	43.7397	3.99759
13600	5.7721	-5.7989	3.9968	117.2946	43.5076	3.99815
13700	5.7730	-5.8021	3.9974	117.3845	43.2793	3.99870
13800	5.7739	-5.8053	3.9980	117.4749	43.0561	3.99929
13900	5.7748	-5.8085	3.9986	117.5656	42.8366	3.99990
14000	5.7760	-5.8117	3.9993	117.6775	42.6422	4.00056
14100	5.7767	-5.8149	4.0000	117.7507	42.4131	4.00129
14200	5.7777	-5.8180	4.0009	117.8456	42.2086	4.00208
14300	5.7787	-5.8212	4.0018	117.9430	42.0108	4.00298
14400	5.7797	-5.8243	4.0028	118.0433	41.8185	4.00401
14500	5.7808	-5.8275	4.0040	118.1467	41.6333	4.00519
14600	5.7819	-5.8306	4.0054	118.2542	41.4553	4.00654
14700	5.7831	-5.8337	4.0069	118.3665	41.2855	4.00810
14800	5.7844	-5.8369	4.0088	118.4847	41.1240	4.00990
14900	5.7857	-5.8400	4.0109	118.6092	40.9722	4.01198
15000	5.7871	-5.8432	4.0133	118.7413	40.8310	4.01439

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.9636	1.0000	27.0328	3.4901	1.00000
200	2.8445	-3.2646	1.0000	29.4595	3.4955	1.00000
300	3.0211	-3.4407	1.0000	30.8793	3.4990	1.00000
400	3.1470	-3.5657	1.0000	31.8886	3.5072	1.00000
500	3.2450	-3.6626	1.0000	32.6774	3.5156	1.00000
600	3.3251	-3.7418	1.0000	33.3313	3.5232	1.00000
700	3.3930	-3.8087	1.0000	33.8953	3.5310	1.00000
800	3.4552	-3.8667	1.0000	34.3946	3.5655	1.00000
900	3.5098	-3.9178	1.0000	34.8444	3.5938	1.00000
1000	3.5589	-3.9638	1.0000	35.2554	3.6218	1.00000
1100	3.6039	-4.0052	1.0000	35.6324	3.6521	1.00000
1200	3.6453	-4.0430	1.0000	35.9817	3.6823	1.00000
1300	3.6835	-4.0777	1.0000	36.3072	3.7120	1.00000
1400	3.7191	-4.1099	1.0000	36.6120	3.7406	1.00000
1500	3.7522	-4.1399	1.0000	36.8985	3.7681	1.00000
1600	3.7832	-4.1679	1.0000	37.1687	3.7942	1.00000
1700	3.8124	-4.1942	1.0000	37.4243	3.8191	1.00000
1800	3.8399	-4.2191	1.0000	37.6669	3.8427	1.00000
1900	3.8659	-4.2425	1.0000	37.8975	3.8650	1.00000
2000	3.8918	-4.2646	1.0000	38.1300	3.8973	1.00000
2100	3.9153	-4.2858	1.0000	38.3416	3.9179	1.00000
2200	3.9377	-4.3060	1.0000	38.5441	3.9384	1.00000

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-4.3253	1.0000	38.7384	3.9567	1.00000
2400	3.9795	-4.3438	1.0000	38.9252	3.9744	1.00000
2500	3.9992	-4.3615	1.0000	39.1050	3.9922	1.00001
2600	4.0180	-4.3786	1.0000	39.2783	4.0086	1.00002
2700	4.0361	-4.3950	1.0000	39.4462	4.0244	1.00004
2800	4.0537	-4.4108	1.0001	39.6094	4.0415	1.00009
2900	4.0708	-4.4261	1.0002	39.7689	4.0588	1.00017
3000	4.0876	-4.4409	1.0003	39.9264	4.0780	1.00035
3100	4.1044	-4.4552	1.0006	40.0841	4.1020	1.00065
3200	4.1213	-4.4693	1.0012	40.2449	4.1318	1.00116
3300	4.1389	-4.4830	1.0020	40.4130	4.1723	1.00201
3400	4.1577	-4.4965	1.0034	40.5943	4.2288	1.00338
3500	4.1782	-4.5101	1.0055	40.7964	4.3066	1.00552
3600	4.2014	-4.5237	1.0088	41.0292	4.4169	1.00876
3700	4.2281	-4.5377	1.0136	41.3056	4.5698	1.01356
3800	4.2594	-4.5522	1.0205	41.6424	4.7826	1.02052
3900	4.2962	-4.5677	1.0304	42.0590	5.0715	1.03040
4000	4.3392	-4.5844	1.0441	42.5800	5.4589	1.04415
4100	4.3890	-4.6029	1.0630	43.2348	5.9729	1.06297
4200	4.4455	-4.6236	1.0882	44.0555	6.6420	1.08821
4300	4.5086	-4.6469	1.1216	45.0807	7.5017	1.12155
4400	4.5769	-4.6732	1.1645	46.3427	8.5790	1.16452
4500	4.6491	-4.7028	1.2188	47.8767	9.9062	1.21882
4600	4.7229	-4.7353	1.2852	49.6913	11.4857	1.28523
4700	4.7959	-4.7704	1.3635	51.7703	13.2985	1.36355
4800	4.8653	-4.8067	1.4516	54.0512	15.2790	1.45165
4900	4.9284	-4.8427	1.5450	56.4162	17.3078	1.54497
5000	4.9829	-4.8766	1.6369	58.7050	19.2273	1.63690
5100	5.0279	-4.9071	1.7216	60.7831	20.9085	1.72157
5200	5.0630	-4.9332	1.7930	62.5243	22.2309	1.79298
5300	5.0895	-4.9550	1.8500	63.9125	23.1864	1.84995
5400	5.1092	-4.9732	1.8932	64.9760	23.8101	1.89322
5500	5.1236	-4.9884	1.9249	65.7736	24.1674	1.92494
5600	5.1343	-5.0013	1.9478	66.3704	24.3270	1.94777
5700	5.1424	-5.0126	1.9641	66.8238	24.3491	1.96409
5800	5.1487	-5.0228	1.9758	67.1783	24.2805	1.97586
5900	5.1539	-5.0321	1.9845	67.4668	24.1546	1.98449
6000	5.1583	-5.0408	1.9910	67.7130	23.9954	1.99105
6100	5.1623	-5.0492	1.9963	67.9331	23.8202	1.99628
6200	5.1661	-5.0572	2.0008	68.1393	23.6407	2.00076
6300	5.1698	-5.0650	2.0049	68.3407	23.4653	2.00488
6400	5.1735	-5.0727	2.0089	68.5437	23.3000	2.00893
6500	5.1775	-5.0804	2.0132	68.7537	23.1501	2.01318
6600	5.1816	-5.0880	2.0178	68.9754	23.0193	2.01781
6700	5.1861	-5.0957	2.0230	69.2128	22.9115	2.02304
6800	5.1910	-5.1034	2.0290	69.4702	22.8298	2.02903
6900	5.1964	-5.1112	2.0359	69.7510	22.7778	2.03597
7000	5.2022	-5.1192	2.0440	70.0595	22.7587	2.04401
7100	5.2087	-5.1273	2.0533	70.3997	22.7761	2.05338
7200	5.2159	-5.1357	2.0642	70.7760	22.8335	2.06427
7300	5.2238	-5.1443	2.0768	71.1928	22.9346	2.07689
7400	5.2325	-5.1533	2.0914	71.6551	23.0839	2.09147
7500	5.2421	-5.1626	2.1082	72.1678	23.2853	2.10825
7600	5.2527	-5.1723	2.1274	72.7361	23.5436	2.12751
7700	5.2642	-5.1824	2.1494	73.3654	23.8632	2.14952

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.2768	-5.1930	2.1744	74.0615	24.2490	2.17457
7900	5.2904	-5.2042	2.2028	74.8295	24.7050	2.20294
8000	5.3051	-5.2159	2.2347	75.6754	25.2372	2.23496
8100	5.3209	-5.2282	2.2706	76.6039	25.8485	2.27091
8200	5.3378	-5.2412	2.3108	77.6203	26.5438	2.31109
8300	5.3556	-5.2547	2.3554	78.7284	27.3256	2.35575
8400	5.3745	-5.2689	2.4047	79.9313	28.1960	2.40513
8500	5.3941	-5.2837	2.4588	81.2301	29.1554	2.45934
8600	5.4145	-5.2991	2.5178	82.6242	30.2025	2.51847
8700	5.4355	-5.3150	2.5817	84.1108	31.3333	2.58246
8800	5.4569	-5.3314	2.6503	85.6842	32.5416	2.65114
8900	5.4785	-5.3481	2.7232	87.3342	33.8166	2.72413
9000	5.5001	-5.3650	2.7999	89.0486	35.1457	2.80090
9100	5.5215	-5.3820	2.8796	90.8115	36.5128	2.88075
9200	5.5424	-5.3989	2.9614	92.6017	37.8965	2.96270
9300	5.5626	-5.4156	3.0444	94.3983	39.2762	3.04577
9400	5.5819	-5.4319	3.1273	96.1778	40.6275	3.12877
9500	5.6002	-5.4477	3.2088	97.9143	41.9272	3.21044
9600	5.6173	-5.4628	3.2879	99.5870	43.1545	3.28966
9700	5.6331	-5.4772	3.3635	101.1757	44.2899	3.36535
9800	5.6475	-5.4907	3.4347	102.6646	45.3195	3.43663
9900	5.6606	-5.5034	3.5009	104.0434	46.2337	3.50286
10000	5.6724	-5.5153	3.5616	105.3060	47.0275	3.56363
10100	5.6828	-5.5262	3.6166	106.4492	47.6994	3.61867
10200	5.6921	-5.5364	3.6660	107.4769	48.2543	3.66807
10300	5.7003	-5.5458	3.7098	108.3927	48.6972	3.71192
10400	5.7076	-5.5545	3.7485	109.2061	49.0381	3.75062
10500	5.7139	-5.5625	3.7823	109.9239	49.2853	3.78448
10600	5.7195	-5.5700	3.8118	110.5570	49.4502	3.81396
10700	5.7244	-5.5770	3.8373	111.1141	49.5424	3.83951
10800	5.7287	-5.5835	3.8594	111.6049	49.5721	3.86159
10900	5.7325	-5.5897	3.8784	112.0373	49.5479	3.88059
11000	5.7358	-5.5955	3.8948	112.4196	49.4780	3.89693
11100	5.7388	-5.6010	3.9089	112.7590	49.3698	3.91097
11200	5.7414	-5.6062	3.9209	113.0613	49.2298	3.92301
11300	5.7438	-5.6112	3.9313	113.3322	49.0642	3.93335
11400	5.7460	-5.6160	3.9402	113.5759	48.8763	3.94223
11500	5.7480	-5.6207	3.9478	113.7970	48.6716	3.94985
11600	5.7498	-5.6251	3.9544	113.9980	48.4519	3.95640
11700	5.7514	-5.6295	3.9601	114.1828	48.2216	3.96203
11800	5.7530	-5.6337	3.9649	114.3529	47.9826	3.96688
11900	5.7544	-5.6378	3.9691	114.5109	47.7367	3.97107
12000	5.7557	-5.6419	3.9728	114.6587	47.4861	3.97468
12100	5.7570	-5.6458	3.9759	114.7974	47.2316	3.97781
12200	5.7582	-5.6497	3.9787	114.9286	46.9751	3.98052
12300	5.7594	-5.6535	3.9811	115.0531	46.7172	3.98287
12400	5.7605	-5.6572	3.9831	115.1718	46.4590	3.98493
12500	5.7616	-5.6609	3.9850	115.2857	46.2003	3.98672
12600	5.7626	-5.6646	3.9866	115.3954	45.9430	3.98828
12700	5.7636	-5.6682	3.9880	115.5014	45.6868	3.98965
12800	5.7646	-5.6717	3.9892	115.6042	45.4324	3.99087
12900	5.7655	-5.6752	3.9903	115.7044	45.1800	3.99195
13000	5.7665	-5.6787	3.9913	115.8020	44.9299	3.99290
13100	5.7674	-5.6821	3.9922	115.8976	44.6822	3.99376
13200	5.7683	-5.6855	3.9930	115.9915	44.4371	3.99454

LOG P=-3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7692	-5.6888	3.9937	116.0841	44.1953	3.99525
13400	5.7701	-5.6922	3.9944	116.1755	43.9568	3.99592
13500	5.7710	-5.6955	3.9950	116.2660	43.7211	3.99654
13600	5.7719	-5.6987	3.9956	116.3559	43.4892	3.99713
13700	5.7728	-5.7020	3.9962	116.4456	43.2609	3.99771
13800	5.7737	-5.7052	3.9969	116.5351	43.0366	3.99830
13900	5.7746	-5.7084	3.9975	116.6246	42.8164	3.99890
14000	5.7757	-5.7116	3.9981	116.7348	42.6204	3.99952
14100	5.7765	-5.7147	3.9988	116.8058	42.3889	4.00018
14200	5.7774	-5.7179	3.9995	116.8980	42.1824	4.00090
14300	5.7784	-5.7210	4.0003	116.9917	41.9809	4.00168
14400	5.7794	-5.7242	4.0012	117.0877	41.7847	4.00257
14500	5.7804	-5.7273	4.0022	117.1859	41.5941	4.00356
14600	5.7815	-5.7304	4.0034	117.2871	41.4106	4.00469
14700	5.7826	-5.7335	4.0047	117.3922	41.2333	4.00598
14800	5.7837	-5.7366	4.0062	117.5016	41.0638	4.00745
14900	5.7849	-5.7397	4.0079	117.6162	40.9022	4.00915
15000	5.7862	-5.7428	4.0099	117.7365	40.7495	4.01111

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.8636	1.0000	26.8026	3.4901	1.00000
200	2.8445	-3.1646	1.0000	29.2292	3.4955	1.00000
300	3.0211	-3.3407	1.0000	30.6490	3.4990	1.00000
400	3.1470	-3.4657	1.0000	31.6583	3.5072	1.00000
500	3.2450	-3.5626	1.0000	32.4471	3.5156	1.00000
600	3.3251	-3.6418	1.0000	33.1011	3.5232	1.00000
700	3.3930	-3.7087	1.0000	33.6650	3.5310	1.00000
800	3.4552	-3.7667	1.0000	34.1643	3.5655	1.00000
900	3.5098	-3.8178	1.0000	34.6141	3.5938	1.00000
1000	3.5589	-3.8638	1.0000	35.0252	3.6218	1.00000
1100	3.6039	-3.9052	1.0000	35.4021	3.6521	1.00000
1200	3.6453	-3.9430	1.0000	35.7514	3.6823	1.00000
1300	3.6835	-3.9777	1.0000	36.0770	3.7120	1.00000
1400	3.7191	-4.0099	1.0000	36.3818	3.7406	1.00000
1500	3.7522	-4.0399	1.0000	36.6682	3.7681	1.00000
1600	3.7832	-4.0679	1.0000	36.9384	3.7942	1.00000
1700	3.8124	-4.0942	1.0000	37.1941	3.8191	1.00000
1800	3.8399	-4.1191	1.0000	37.4366	3.8427	1.00000
1900	3.8659	-4.1425	1.0000	37.6673	3.8650	1.00000
2000	3.8918	-4.1646	1.0000	37.8997	3.8973	1.00000
2100	3.9153	-4.1858	1.0000	38.1113	3.9179	1.00000
2200	3.9377	-4.2060	1.0000	38.3138	3.9384	1.00000
2300	3.9591	-4.2253	1.0000	38.5082	3.9567	1.00000
2400	3.9795	-4.2438	1.0000	38.6949	3.9744	1.00000
2500	3.9992	-4.2615	1.0000	38.8747	3.9922	1.00001
2600	4.0180	-4.2786	1.0000	39.0480	4.0085	1.00001
2700	4.0360	-4.2950	1.0000	39.2157	4.0242	1.00003
2800	4.0537	-4.3108	1.0001	39.3787	4.0411	1.00008
2900	4.0707	-4.3261	1.0002	39.5378	4.0580	1.00016
3000	4.0874	-4.3409	1.0003	39.6946	4.0765	1.00031
3100	4.1041	-4.3552	1.0006	39.8511	4.0994	1.00058
3200	4.1208	-4.3692	1.0010	40.0098	4.1272	1.00103
3300	4.1381	-4.3829	1.0018	40.1746	4.1645	1.00179

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1564	-4.3964	1.0030	40.3507	4.2162	1.00302
3500	4.1762	-4.4098	1.0049	40.5450	4.2866	1.00491
3600	4.1984	-4.4233	1.0078	40.7662	4.3861	1.00780
3700	4.2237	-4.4370	1.0121	41.0260	4.5234	1.01208
3800	4.2532	-4.4513	1.0183	41.3392	4.7142	1.01829
3900	4.2877	-4.4663	1.0271	41.7233	4.9726	1.02709
4000	4.3279	-4.4824	1.0394	42.2002	5.3190	1.03935
4100	4.3746	-4.5001	1.0561	42.7963	5.7785	1.05614
4200	4.4278	-4.5197	1.0787	43.5408	6.3767	1.07868
4300	4.4876	-4.5418	1.1085	44.4689	7.1467	1.10850
4400	4.5527	-4.5666	1.1470	45.6117	8.1140	1.14703
4500	4.6222	-4.5945	1.1960	47.0044	9.3118	1.19599
4600	4.6942	-4.6255	1.2564	48.6630	10.7500	1.25635
4700	4.7664	-4.6591	1.3285	50.5860	12.4239	1.32852
4800	4.8363	-4.6944	1.4113	52.7339	14.2905	1.41127
4900	4.9013	-4.7302	1.5012	55.0169	16.2589	1.50125
5000	4.9588	-4.7648	1.5929	57.2976	18.1918	1.59290
5100	5.0077	-4.7966	1.6805	59.4436	19.9608	1.68054
5200	5.0469	-4.8245	1.7573	61.3070	21.4224	1.75735
5300	5.0772	-4.8481	1.8208	62.8397	22.5363	1.82079
5400	5.1000	-4.8679	1.8704	64.0432	23.3111	1.87044
5500	5.1169	-4.8845	1.9077	64.9603	23.7957	1.90771
5600	5.1294	-4.8985	1.9350	65.6509	24.0549	1.93498
5700	5.1388	-4.9106	1.9547	66.1736	24.1507	1.95466
5800	5.1461	-4.9212	1.9689	66.5775	24.1341	1.96887
5900	5.1519	-4.9310	1.9792	66.9000	24.0442	1.97923
6000	5.1567	-4.9399	1.9870	67.1685	23.9090	1.98698
6100	5.1610	-4.9484	1.9930	67.4024	23.7489	1.99301
6200	5.1649	-4.9566	1.9980	67.6160	23.5776	1.99797
6300	5.1687	-4.9645	2.0023	67.8197	23.4056	2.00234
6400	5.1724	-4.9722	2.0065	68.0210	23.2395	2.00646
6500	5.1762	-4.9798	2.0106	68.2257	23.0852	2.01062
6600	5.1803	-4.9874	2.0150	68.4390	22.9471	2.01503
6700	5.1846	-4.9950	2.0199	68.6648	22.8288	2.01989
6800	5.1892	-5.0026	2.0254	68.9073	22.7337	2.02538
6900	5.1942	-5.0103	2.0317	69.1700	22.6650	2.03167
7000	5.1997	-5.0181	2.0389	69.4568	22.6259	2.03893
7100	5.2057	-5.0260	2.0473	69.7714	22.6198	2.04735
7200	5.2124	-5.0342	2.0571	70.1179	22.6496	2.05711
7300	5.2197	-5.0426	2.0683	70.5003	22.7194	2.06840
7400	5.2278	-5.0512	2.0814	70.9228	22.8322	2.08143
7500	5.2366	-5.0601	2.0963	71.3904	22.9922	2.09643
7600	5.2464	-5.0694	2.1135	71.9076	23.2037	2.11363
7700	5.2570	-5.0791	2.1332	72.4791	23.4701	2.13329
7800	5.2686	-5.0892	2.1555	73.1104	23.7966	2.15567
7900	5.2812	-5.0999	2.1809	73.8065	24.1871	2.18104
8000	5.2948	-5.1110	2.2095	74.5726	24.6462	2.20970
8100	5.3095	-5.1227	2.2416	75.4134	25.1776	2.24190
8200	5.3252	-5.1349	2.2776	76.3343	25.7860	2.27796
8300	5.3419	-5.1478	2.3177	77.3392	26.4743	2.31812
8400	5.3596	-5.1612	2.3622	78.4318	27.2451	2.36262
8500	5.3781	-5.1752	2.4111	79.6144	28.1001	2.41165
8600	5.3975	-5.1899	2.4647	80.8877	29.0393	2.46534
8700	5.4175	-5.2050	2.5230	82.2513	30.0613	2.52374
8800	5.4381	-5.2207	2.5860	83.7027	31.1633	2.58681

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.4591	-5.2368	2.6534	85.2349	32.3367	2.65434
9000	5.4802	-5.2532	2.7250	86.8396	33.5729	2.72597
9100	5.5014	-5.2698	2.8001	88.5057	34.8603	2.80126
9200	5.5223	-5.2865	2.8781	90.2154	36.1815	2.87939
9300	5.5427	-5.3031	2.9582	91.9516	37.5193	2.95959
9400	5.5626	-5.3195	3.0394	93.6944	38.8533	3.04086
9500	5.5815	-5.3355	3.1204	95.4198	40.1607	3.12206
9600	5.5995	-5.3511	3.2004	97.1078	41.4217	3.20212
9700	5.6163	-5.3660	3.2781	98.7366	42.6155	3.27993
9800	5.6319	-5.3802	3.3525	100.2874	43.7237	3.35447
9900	5.6463	-5.3936	3.4229	101.7464	44.7333	3.42492
10000	5.6593	-5.4062	3.4885	103.1021	45.6349	3.49063
10100	5.6710	-5.4180	3.5489	104.3466	46.4216	3.55108
10200	5.6816	-5.4290	3.6039	105.4798	47.0940	3.60614
10300	5.6909	-5.4391	3.6534	106.5010	47.6535	3.65570
10400	5.6992	-5.4486	3.6977	107.4169	48.1066	3.70000
10500	5.7066	-5.4573	3.7369	108.2322	48.4599	3.73921
10600	5.7130	-5.4654	3.7714	108.9558	48.7227	3.77373
10700	5.7187	-5.4729	3.8015	109.5959	48.9044	3.80392
10800	5.7237	-5.4800	3.8279	110.1616	49.0142	3.83023
10900	5.7282	-5.4866	3.8507	110.6608	49.0618	3.85304
11000	5.7321	-5.4928	3.8704	111.1024	49.0553	3.87278
11100	5.7355	-5.4986	3.8875	111.4939	49.0030	3.88983
11200	5.7386	-5.5041	3.9022	111.8418	48.9116	3.90452
11300	5.7414	-5.5094	3.9149	112.1521	48.7879	3.91718
11400	5.7439	-5.5144	3.9258	112.4301	48.6364	3.92809
11500	5.7461	-5.5193	3.9352	112.6809	48.4629	3.93749
11600	5.7481	-5.5239	3.9434	112.9076	48.2709	3.94558
11700	5.7500	-5.5284	3.9504	113.1145	48.0643	3.95256
11800	5.7517	-5.5328	3.9564	113.3037	47.8455	3.95858
11900	5.7533	-5.5370	3.9616	113.4781	47.6172	3.96378
12000	5.7548	-5.5411	3.9662	113.6402	47.3818	3.96827
12100	5.7562	-5.5452	3.9701	113.7912	47.1406	3.97217
12200	5.7575	-5.5491	3.9735	113.9329	46.8948	3.97555
12300	5.7587	-5.5530	3.9765	114.0665	46.6468	3.97849
12400	5.7599	-5.5568	3.9790	114.1930	46.3969	3.98104
12500	5.7610	-5.5605	3.9813	114.3138	46.1459	3.98327
12600	5.7621	-5.5642	3.9833	114.4294	45.8945	3.98523
12700	5.7632	-5.5678	3.9850	114.5405	45.6440	3.98694
12800	5.7642	-5.5714	3.9866	114.6476	45.3938	3.98844
12900	5.7652	-5.5749	3.9879	114.7515	45.1456	3.98977
13000	5.7662	-5.5784	3.9891	114.8523	44.8985	3.99095
13100	5.7671	-5.5819	3.9902	114.9505	44.6540	3.99199
13200	5.7681	-5.5853	3.9912	115.0466	44.4114	3.99294
13300	5.7690	-5.5886	3.9920	115.1410	44.1717	3.99379
13400	5.7699	-5.5920	3.9928	115.2338	43.9343	3.99457
13500	5.7708	-5.5953	3.9936	115.3254	43.7001	3.99529
13600	5.7717	-5.5986	3.9943	115.4160	43.4691	3.99596
13700	5.7726	-5.6018	3.9950	115.5058	43.2411	3.99660
13800	5.7735	-5.6051	3.9956	115.5952	43.0171	3.99723
13900	5.7744	-5.6083	3.9962	115.6841	42.7961	3.99784
14000	5.7755	-5.6115	3.9969	115.7934	42.5997	3.99846
14100	5.7762	-5.6146	3.9975	115.8629	42.3664	3.99909
14200	5.7772	-5.6178	3.9982	115.9532	42.1579	3.99976
14300	5.7781	-5.6209	3.9990	116.0442	41.9538	4.00047

LOG P=-3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7791	-5.6240	3.9998	116.1371	41.7552	4.00126
14500	5.7801	-5.6271	4.0006	116.2314	41.5611	4.00211
14600	5.7811	-5.6302	4.0016	116.3278	41.3729	4.00308
14700	5.7821	-5.6333	4.0027	116.4273	41.1906	4.00417
14800	5.7832	-5.6363	4.0040	116.5300	41.0144	4.00539
14900	5.7843	-5.6394	4.0054	116.6365	40.8453	4.00679
15000	5.7855	-5.6425	4.0070	116.7475	40.6837	4.00840

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.7636	1.0000	26.5723	3.4901	1.00000
200	2.8445	-3.0646	1.0000	28.9990	3.4955	1.00000
300	3.0211	-3.2407	1.0000	30.4188	3.4990	1.00000
400	3.1470	-3.3657	1.0000	31.4281	3.5072	1.00000
500	3.2450	-3.4626	1.0000	32.2169	3.5156	1.00000
600	3.3251	-3.5418	1.0000	32.8708	3.5232	1.00000
700	3.3930	-3.6087	1.0000	33.4348	3.5310	1.00000
800	3.4552	-3.6667	1.0000	33.9341	3.5655	1.00000
900	3.5098	-3.7178	1.0000	34.3839	3.5938	1.00000
1000	3.5589	-3.7638	1.0000	34.7949	3.6218	1.00000
1100	3.6039	-3.8052	1.0000	35.1719	3.6521	1.00000
1200	3.6453	-3.8430	1.0000	35.5212	3.6824	1.00000
1300	3.6835	-3.8777	1.0000	35.8467	3.7120	1.00000
1400	3.7191	-3.9099	1.0000	36.1515	3.7406	1.00000
1500	3.7522	-3.9399	1.0000	36.4379	3.7681	1.00000
1600	3.7832	-3.9679	1.0000	36.7082	3.7942	1.00000
1700	3.8124	-3.9942	1.0000	36.9638	3.8191	1.00000
1800	3.8399	-4.0191	1.0000	37.2063	3.8427	1.00000
1900	3.8659	-4.0425	1.0000	37.4370	3.8650	1.00000
2000	3.8918	-4.0646	1.0000	37.6695	3.8973	1.00000
2100	3.9153	-4.0858	1.0000	37.8811	3.9179	1.00000
2200	3.9377	-4.1060	1.0000	38.0836	3.9384	1.00000
2300	3.9591	-4.1253	1.0000	38.2779	3.9567	1.00000
2400	3.9795	-4.1438	1.0000	38.4646	3.9744	1.00000
2500	3.9991	-4.1615	1.0000	38.6444	3.9921	1.00001
2600	4.0179	-4.1786	1.0000	38.8176	4.0084	1.00001
2700	4.0360	-4.1950	1.0000	38.9853	4.0240	1.00003
2800	4.0536	-4.2108	1.0001	39.1482	4.0407	1.00007
2900	4.0706	-4.2261	1.0001	39.3068	4.0573	1.00014
3000	4.0873	-4.2408	1.0003	39.4631	4.0753	1.00027
3100	4.1038	-4.2552	1.0005	39.6183	4.0970	1.00051
3200	4.1204	-4.2692	1.0009	39.7751	4.1231	1.00092
3300	4.1374	-4.2828	1.0016	39.9371	4.1577	1.00160
3400	4.1552	-4.2962	1.0027	40.1086	4.2050	1.00269
3500	4.1744	-4.3096	1.0044	40.2958	4.2688	1.00438
3600	4.1957	-4.3229	1.0070	40.5068	4.3586	1.00695
3700	4.2197	-4.3365	1.0108	40.7517	4.4820	1.01077
3800	4.2475	-4.3504	1.0163	41.0439	4.6531	1.01630
3900	4.2799	-4.3650	1.0241	41.3991	4.8845	1.02415
4000	4.3176	-4.3806	1.0351	41.8367	5.1943	1.03508
4100	4.3614	-4.3976	1.0501	42.3804	5.6050	1.05005
4200	4.4114	-4.4163	1.0702	43.0566	6.1398	1.07017
4300	4.4678	-4.4372	1.0968	43.8974	6.8290	1.09682
4400	4.5297	-4.4606	1.1313	44.9318	7.6964	1.13133

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.5965	-4.4870	1.1754	46.1947	8.7753	1.17537
4600	4.6662	-4.5163	1.2300	47.7061	10.0794	1.23004
4700	4.7371	-4.5483	1.2961	49.4744	11.6146	1.29609
4800	4.8069	-4.5825	1.3731	51.4787	13.3564	1.37306
4900	4.8732	-4.6178	1.4587	53.6559	15.2392	1.45871
5000	4.9332	-4.6525	1.5486	55.8938	17.1495	1.54860
5100	4.9856	-4.6854	1.6376	58.0699	18.9687	1.63761
5200	5.0287	-4.7148	1.7186	60.0280	20.5433	1.71861
5300	5.0628	-4.7403	1.7880	61.6939	21.8057	1.78803
5400	5.0891	-4.7618	1.8441	63.0390	22.7345	1.84413
5500	5.1088	-4.7798	1.8874	64.0847	23.3570	1.88738
5600	5.1235	-4.7950	1.9196	64.8810	23.7286	1.91965
5700	5.1345	-4.8080	1.9432	65.4846	23.9103	1.94323
5800	5.1429	-4.8194	1.9604	65.9479	23.9568	1.96036
5900	5.1495	-4.8295	1.9728	66.3124	23.9115	1.97285
6000	5.1549	-4.8389	1.9821	66.6097	23.8073	1.98211
6100	5.1595	-4.8476	1.9892	66.8622	23.6673	1.98917
6200	5.1636	-4.8559	1.9948	67.0871	23.5086	1.99480
6300	5.1675	-4.8639	1.9996	67.2962	23.3428	1.99958
6400	5.1713	-4.8717	2.0039	67.4983	23.1788	2.00389
6500	5.1751	-4.8793	2.0080	67.7001	23.0224	2.00805
6600	5.1790	-4.8868	2.0123	67.9071	22.8789	2.01233
6700	5.1831	-4.8944	2.0169	68.1235	22.7523	2.01691
6800	5.1875	-4.9019	2.0220	68.3534	22.6457	2.02199
6900	5.1922	-4.9095	2.0277	68.6004	22.5629	2.02775
7000	5.1974	-4.9171	2.0343	68.8683	22.5066	2.03433
7100	5.2030	-4.9249	2.0419	69.1603	22.4795	2.04191
7200	5.2092	-4.9328	2.0506	69.4804	22.4851	2.05068
7300	5.2160	-4.9409	2.0607	69.8322	22.5266	2.06079
7400	5.2235	-4.9493	2.0724	70.2196	22.6070	2.07245
7500	5.2317	-4.9579	2.0858	70.6469	22.7301	2.08585
7600	5.2406	-4.9669	2.1011	71.1184	22.8996	2.10122
7700	5.2505	-4.9762	2.1187	71.6385	23.1188	2.11879
7800	5.2612	-4.9858	2.1386	72.2119	23.3921	2.13878
7900	5.2728	-4.9959	2.1613	72.8433	23.7235	2.16146
8000	5.2854	-5.0065	2.1869	73.5377	24.1171	2.18709
8100	5.2990	-5.0176	2.2157	74.2993	24.5766	2.21592
8200	5.3136	-5.0292	2.2479	75.1335	25.1061	2.24823
8300	5.3292	-5.0414	2.2839	76.0441	25.7089	2.28428
8400	5.3457	-5.0541	2.3239	77.0354	26.3882	2.32431
8500	5.3631	-5.0674	2.3680	78.1101	27.1462	2.36853
8600	5.3814	-5.0813	2.4165	79.2701	27.9839	2.41711
8700	5.4004	-5.0957	2.4695	80.5167	28.9017	2.47018
8800	5.4201	-5.1107	2.5270	81.8487	29.8979	2.52777
8900	5.4403	-5.1261	2.5889	83.2624	30.9676	2.58979
9000	5.4608	-5.1419	2.6551	84.7525	32.1052	2.65606
9100	5.4815	-5.1580	2.7252	86.3117	33.3028	2.72629
9200	5.5022	-5.1743	2.7987	87.9264	34.5468	2.79991
9300	5.5227	-5.1907	2.8749	89.5836	35.8237	2.87631
9400	5.5427	-5.2070	2.9532	91.2670	37.1171	2.95474
9500	5.5621	-5.2231	3.0325	92.9560	38.4059	3.03420
9600	5.5808	-5.2389	3.1119	94.6316	39.6725	3.11372
9700	5.5985	-5.2542	3.1903	96.2722	40.8957	3.19220
9800	5.6151	-5.2689	3.2666	97.8582	42.0560	3.26862
9900	5.6305	-5.2830	3.3399	99.3733	43.1389	3.34205

LOG P=-3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.6447	-5.2963	3.4095	100.8029	44.1300	3.41170
10100	5.6577	-5.3088	3.4745	102.1350	45.0184	3.47683
10200	5.6695	-5.3206	3.5347	103.3652	45.8015	3.53712
10300	5.6801	-5.3315	3.5897	104.4882	46.4745	3.59220
10400	5.6895	-5.3417	3.6396	105.5067	47.0411	3.64212
10500	5.6979	-5.3511	3.6843	106.4227	47.5048	3.68687
10600	5.7054	-5.3599	3.7242	107.2424	47.8721	3.72673
10700	5.7120	-5.3681	3.7594	107.9724	48.1512	3.76196
10800	5.7178	-5.3757	3.7903	108.6210	48.3504	3.79294
10900	5.7230	-5.3828	3.8174	109.1954	48.4787	3.82004
11000	5.7275	-5.3894	3.8411	109.7044	48.5445	3.84365
11100	5.7316	-5.3957	3.8616	110.1559	48.5570	3.86418
11200	5.7352	-5.4016	3.8794	110.5570	48.5225	3.88197
11300	5.7384	-5.4072	3.8948	110.9140	48.4487	3.89738
11400	5.7412	-5.4125	3.9082	111.2329	48.3405	3.91070
11500	5.7438	-5.4175	3.9197	111.5193	48.2051	3.92223
11600	5.7461	-5.4224	3.9297	111.7772	48.0472	3.93219
11700	5.7482	-5.4271	3.9384	112.0109	47.8689	3.94081
11800	5.7502	-5.4316	3.9458	112.2234	47.6753	3.94825
11900	5.7520	-5.4360	3.9523	112.4182	47.4682	3.95471
12000	5.7536	-5.4402	3.9579	112.5979	47.2515	3.96029
12100	5.7551	-5.4444	3.9628	112.7641	47.0265	3.96514
12200	5.7566	-5.4484	3.9671	112.9189	46.7953	3.96935
12300	5.7579	-5.4524	3.9707	113.0639	46.5589	3.97301
12400	5.7592	-5.4562	3.9740	113.2003	46.3198	3.97619
12500	5.7604	-5.4600	3.9768	113.3296	46.0780	3.97898
12600	5.7616	-5.4638	3.9792	113.4526	45.8347	3.98142
12700	5.7627	-5.4674	3.9814	113.5700	45.5907	3.98355
12800	5.7638	-5.4711	3.9833	113.6828	45.3467	3.98542
12900	5.7648	-5.4746	3.9850	113.7913	45.1035	3.98707
13000	5.7658	-5.4781	3.9865	113.8963	44.8610	3.98853
13100	5.7668	-5.4816	3.9878	113.9980	44.6201	3.98983
13200	5.7678	-5.4850	3.9890	114.0971	44.3810	3.99099
13300	5.7687	-5.4884	3.9901	114.1940	44.1436	3.99202
13400	5.7697	-5.4918	3.9910	114.2888	43.9085	3.99295
13500	5.7706	-5.4951	3.9919	114.3819	43.6763	3.99380
13600	5.7715	-5.4984	3.9927	114.4738	43.4465	3.99459
13700	5.7724	-5.5017	3.9935	114.5644	43.2194	3.99531
13800	5.7733	-5.5049	3.9942	114.6543	42.9960	3.99601
13900	5.7742	-5.5081	3.9949	114.7433	42.7753	3.99667
14000	5.7753	-5.5113	3.9955	114.8521	42.5784	3.99731
14100	5.7760	-5.5145	3.9962	114.9209	42.3450	3.99795
14200	5.7769	-5.5176	3.9969	115.0099	42.1354	3.99861
14300	5.7779	-5.5207	3.9976	115.0993	41.9299	3.99929
14400	5.7788	-5.5238	3.9983	115.1898	41.7287	4.00002
14500	5.7798	-5.5269	3.9991	115.2813	41.5321	4.00078
14600	5.7807	-5.5300	4.0000	115.3740	41.3405	4.00163
14700	5.7817	-5.5331	4.0009	115.4692	41.1537	4.00257
14800	5.7828	-5.5361	4.0020	115.5667	40.9727	4.00361
14900	5.7838	-5.5392	4.0032	115.6670	40.7979	4.00478
15000	5.7849	-5.5422	4.0045	115.7707	40.6292	4.00611

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.6636	1.0000	26.3420	3.4901	1.00000
200	2.8445	-2.9646	1.0000	28.7687	3.4955	1.00000
300	3.0211	-3.1407	1.0000	30.1885	3.4990	1.00000
400	3.1470	-3.2657	1.0000	31.1978	3.5072	1.00000
500	3.2450	-3.3626	1.0000	31.9866	3.5156	1.00000
600	3.3251	-3.4418	1.0000	32.6405	3.5232	1.00000
700	3.3930	-3.5087	1.0000	33.2045	3.5310	1.00000
800	3.4552	-3.5667	1.0000	33.7038	3.5655	1.00000
900	3.5098	-3.6178	1.0000	34.1536	3.5938	1.00000
1000	3.5589	-3.6638	1.0000	34.5647	3.6218	1.00000
1100	3.6039	-3.7052	1.0000	34.9416	3.6521	1.00000
1200	3.6453	-3.7430	1.0000	35.2909	3.6823	1.00000
1300	3.6835	-3.7777	1.0000	35.6164	3.7120	1.00000
1400	3.7191	-3.8099	1.0000	35.9212	3.7406	1.00000
1500	3.7522	-3.8399	1.0000	36.2077	3.7681	1.00000
1600	3.7832	-3.8679	1.0000	36.4779	3.7942	1.00000
1700	3.8124	-3.8942	1.0000	36.7336	3.8191	1.00000
1800	3.8399	-3.9191	1.0000	36.9761	3.8427	1.00000
1900	3.8659	-3.9425	1.0000	37.2067	3.8650	1.00000
2000	3.8918	-3.9646	1.0000	37.4392	3.8973	1.00000
2100	3.9153	-3.9858	1.0000	37.6508	3.9179	1.00000
2200	3.9377	-4.0060	1.0000	37.8533	3.9384	1.00000
2300	3.9591	-4.0253	1.0000	38.0477	3.9567	1.00000
2400	3.9795	-4.0438	1.0000	38.2344	3.9744	1.00000
2500	3.9991	-4.0615	1.0000	38.4141	3.9921	1.00000
2600	4.0179	-4.0786	1.0000	38.5874	4.0083	1.00001
2700	4.0360	-4.0950	1.0000	38.7549	4.0239	1.00003
2800	4.0536	-4.1108	1.0001	38.9175	4.0404	1.00006
2900	4.0706	-4.1261	1.0001	39.0759	4.0567	1.00013
3000	4.0872	-4.1408	1.0002	39.2316	4.0741	1.00024
3100	4.1036	-4.1552	1.0005	39.3858	4.0949	1.00045
3200	4.1200	-4.1691	1.0008	39.5410	4.1194	1.00082
3300	4.1367	-4.1827	1.0014	39.7004	4.1515	1.00143
3400	4.1542	-4.1961	1.0024	39.8678	4.1949	1.00240
3500	4.1728	-4.2094	1.0039	40.0487	4.2530	1.00391
3600	4.1932	-4.2226	1.0062	40.2506	4.3342	1.00620
3700	4.2161	-4.2359	1.0096	40.4822	4.4451	1.00960
3800	4.2424	-4.2496	1.0145	40.7558	4.5988	1.01453
3900	4.2729	-4.2639	1.0215	41.0851	4.8060	1.02153
4000	4.3082	-4.2790	1.0313	41.4875	5.0830	1.03127
4100	4.3492	-4.2953	1.0446	41.9845	5.4503	1.04462
4200	4.3962	-4.3132	1.0626	42.5996	5.9284	1.06258
4300	4.4494	-4.3330	1.0864	43.3619	6.5448	1.08637
4400	4.5081	-4.3552	1.1173	44.2985	7.3220	1.11726
4500	4.5719	-4.3801	1.1568	45.4428	8.2917	1.15679
4600	4.6391	-4.4078	1.2061	46.8167	9.4704	1.20614
4700	4.7084	-4.4382	1.2663	48.4357	10.8710	1.26629
4800	4.7776	-4.4711	1.3374	50.2935	12.4830	1.33737
4900	4.8444	-4.5055	1.4180	52.3478	14.2619	1.41798
5000	4.9063	-4.5400	1.5048	54.5118	16.1190	1.50481
5100	4.9617	-4.5736	1.5936	56.6815	17.9525	1.59361
5200	5.0085	-4.6042	1.6774	58.7025	19.6089	1.67740
5300	5.0465	-4.6314	1.7519	60.4812	21.0006	1.75190
5400	5.0764	-4.6547	1.8142	61.9616	22.0785	1.81419
5500	5.0992	-4.6743	1.8636	63.1409	22.8455	1.86364

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	5.1163	-4.6909	1.9014	64.0534	23.3414	1.90139
5700	5.1292	-4.7049	1.9295	64.7503	23.6220	1.92947
5800	5.1390	-4.7171	1.9501	65.2840	23.7433	1.95006
5900	5.1466	-4.7278	1.9651	65.6998	23.7525	1.96512
6000	5.1526	-4.7376	1.9762	66.0330	23.6861	1.97624
6100	5.1577	-4.7466	1.9846	66.3097	23.5722	1.98460
6200	5.1622	-4.7551	1.9911	66.5501	23.4305	1.99113
6300	5.1662	-4.7632	1.9965	66.7680	23.2747	1.99647
6400	5.1701	-4.7711	2.0011	66.9739	23.1153	2.00111
6500	5.1739	-4.7787	2.0054	67.1752	22.9596	2.00540
6600	5.1777	-4.7863	2.0096	67.3781	22.8129	2.00964
6700	5.1817	-4.7937	2.0140	67.5873	22.6802	2.01404
6800	5.1859	-4.8012	2.0188	67.8069	22.5644	2.01881
6900	5.1904	-4.8087	2.0241	68.0407	22.4695	2.02412
7000	5.1953	-4.8162	2.0301	68.2921	22.3985	2.03012
7100	5.2006	-4.8238	2.0370	68.5644	22.3530	2.03699
7200	5.2064	-4.8316	2.0448	68.8612	22.3374	2.04488
7300	5.2127	-4.8395	2.0539	69.1859	22.3540	2.05395
7400	5.2196	-4.8476	2.0643	69.5421	22.4058	2.06440
7500	5.2272	-4.8560	2.0763	69.9336	22.4958	2.07639
7600	5.2355	-4.8646	2.0900	70.3644	22.6281	2.09013
7700	5.2445	-4.8735	2.1057	70.8383	22.8052	2.10582
7800	5.2544	-4.8828	2.1235	71.3600	23.0312	2.12368
7900	5.2652	-4.8924	2.1438	71.9333	23.3094	2.14395
8000	5.2768	-4.9025	2.1667	72.5632	23.6441	2.16686
8100	5.2894	-4.9130	2.1924	73.2536	24.0384	2.19264
8200	5.3029	-4.9240	2.2213	74.0094	24.4964	2.22157
8300	5.3174	-4.9355	2.2535	74.8346	25.0217	2.25389
8400	5.3328	-4.9476	2.2894	75.7333	25.6172	2.28983
8500	5.3491	-4.9602	2.3292	76.7087	26.2856	2.32963
8600	5.3663	-4.9734	2.3729	77.7632	27.0281	2.37346
8700	5.3843	-4.9871	2.4208	78.8992	27.8468	2.42149
8800	5.4030	-5.0013	2.4731	80.1170	28.7416	2.47382
8900	5.4223	-5.0161	2.5296	81.4152	29.7097	2.53047
9000	5.4421	-5.0312	2.5904	82.7908	30.7476	2.59137
9100	5.4622	-5.0468	2.6553	84.2394	31.8502	2.65637
9200	5.4824	-5.0626	2.7239	85.7512	33.0072	2.72508
9300	5.5026	-5.0786	2.7957	87.3167	34.2095	2.79707
9400	5.5227	-5.0947	2.8703	88.9231	35.4428	2.87177
9500	5.5423	-5.1107	2.9467	90.5528	36.6909	2.94836
9600	5.5613	-5.1265	3.0243	92.1903	37.9375	3.02604
9700	5.5797	-5.1420	3.1019	93.8156	39.1635	3.10384
9800	5.5971	-5.1571	3.1787	95.4099	40.3499	3.18076
9900	5.6135	-5.1716	3.2537	96.9558	41.4807	3.25587
10000	5.6288	-5.1855	3.3260	98.4370	42.5394	3.32829
10100	5.6429	-5.1987	3.3947	99.8378	43.5127	3.39712
10200	5.6559	-5.2112	3.4593	101.1502	44.3918	3.46184
10300	5.6677	-5.2229	3.5193	102.3645	45.1695	3.52190
10400	5.6783	-5.2338	3.5744	103.4797	45.8445	3.57710
10500	5.6879	-5.2440	3.6246	104.4942	46.4177	3.62731
10600	5.6964	-5.2536	3.6698	105.4115	46.8930	3.67259
10700	5.7040	-5.2624	3.7103	106.2355	47.2750	3.71309
10800	5.7108	-5.2706	3.7463	106.9729	47.5710	3.74909
10900	5.7168	-5.2783	3.7780	107.6299	47.7886	3.78088
11000	5.7221	-5.2855	3.8060	108.2145	47.9359	3.80884

LOG P=-3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.7268	-5.2922	3.8305	108.7345	48.0217	3.83333
11200	5.7309	-5.2985	3.8519	109.1970	48.0532	3.85471
11300	5.7347	-5.3044	3.8705	109.6084	48.0374	3.87332
11400	5.7380	-5.3101	3.8867	109.9756	47.9817	3.88951
11500	5.7410	-5.3155	3.9008	110.3043	47.8915	3.90356
11600	5.7436	-5.3206	3.9130	110.5992	47.7724	3.91576
11700	5.7461	-5.3255	3.9236	110.8654	47.6288	3.92634
11800	5.7483	-5.3302	3.9328	111.1062	47.4651	3.93552
11900	5.7503	-5.3347	3.9408	111.3256	47.2844	3.94348
12000	5.7521	-5.3391	3.9478	111.5267	47.0904	3.95040
12100	5.7538	-5.3434	3.9538	111.7114	46.8852	3.95640
12200	5.7554	-5.3476	3.9591	111.8824	46.6713	3.96164
12300	5.7569	-5.3516	3.9637	112.0414	46.4503	3.96619
12400	5.7583	-5.3556	3.9677	112.1900	46.2236	3.97015
12500	5.7596	-5.3594	3.9712	112.3299	45.9929	3.97362
12600	5.7609	-5.3632	3.9742	112.4620	45.7594	3.97666
12700	5.7620	-5.3669	3.9769	112.5874	45.5244	3.97931
12800	5.7632	-5.3706	3.9793	112.7071	45.2879	3.98164
12900	5.7643	-5.3742	3.9814	112.8217	45.0506	3.98370
13000	5.7654	-5.3778	3.9832	112.9318	44.8141	3.98552
13100	5.7664	-5.3813	3.9849	113.0381	44.5779	3.98712
13200	5.7674	-5.3847	3.9863	113.1410	44.3428	3.98854
13300	5.7684	-5.3882	3.9876	113.2412	44.1089	3.98982
13400	5.7693	-5.3915	3.9888	113.3388	43.8769	3.99095
13500	5.7703	-5.3949	3.9899	113.4342	43.6472	3.99198
13600	5.7712	-5.3982	3.9908	113.5280	43.4197	3.99291
13700	5.7722	-5.4015	3.9917	113.6202	43.1946	3.99377
13800	5.7731	-5.4047	3.9925	113.7111	42.9724	3.99457
13900	5.7740	-5.4079	3.9933	113.8008	42.7520	3.99531
14000	5.7751	-5.4111	3.9940	113.9098	42.5553	3.99602
14100	5.7758	-5.4143	3.9948	113.9785	42.3229	3.99671
14200	5.7767	-5.4175	3.9955	114.0672	42.1126	3.99739
14300	5.7776	-5.4206	3.9962	114.1554	41.9064	3.99807
14400	5.7785	-5.4237	3.9969	114.2446	41.7039	3.99877
14500	5.7795	-5.4268	3.9976	114.3340	41.5053	3.99949
14600	5.7804	-5.4298	3.9984	114.4243	41.3114	4.00027
14700	5.7814	-5.4329	3.9993	114.5161	41.1217	4.00110
14800	5.7824	-5.4359	4.0002	114.6098	40.9373	4.00202
14900	5.7834	-5.4390	4.0013	114.7054	40.7576	4.00302
15000	5.7844	-5.4420	4.0024	114.8035	40.5838	4.00415

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.5636	1.0000	26.1118	3.4901	1.00000
200	2.8445	-2.8646	1.0000	28.5385	3.4955	1.00000
300	3.0211	-3.0407	1.0000	29.9583	3.4990	1.00000
400	3.1470	-3.1657	1.0000	30.9675	3.5072	1.00000
500	3.2450	-3.2626	1.0000	31.7564	3.5156	1.00000
600	3.3251	-3.3418	1.0000	32.4102	3.5232	1.00000
700	3.3930	-3.4087	1.0000	32.9743	3.5310	1.00000
800	3.4552	-3.4667	1.0000	33.4736	3.5655	1.00000
900	3.5098	-3.5178	1.0000	33.9233	3.5938	1.00000
1000	3.5589	-3.5638	1.0000	34.3344	3.6218	1.00000
1100	3.6039	-3.6052	1.0000	34.7113	3.6521	1.00000

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-3.6430	1.0000	35.0607	3.6824	1.00000
1300	3.6835	-3.6777	1.0000	35.3862	3.7120	1.00000
1400	3.7191	-3.7099	1.0000	35.6910	3.7406	1.00000
1500	3.7522	-3.7399	1.0000	35.9774	3.7681	1.00000
1600	3.7832	-3.7679	1.0000	36.2477	3.7942	1.00000
1700	3.8124	-3.7942	1.0000	36.5033	3.8191	1.00000
1800	3.8399	-3.8191	1.0000	36.7458	3.8427	1.00000
1900	3.8659	-3.8425	1.0000	36.9765	3.8650	1.00000
2000	3.8918	-3.8646	1.0000	37.2090	3.8973	1.00000
2100	3.9153	-3.8858	1.0000	37.4206	3.9179	1.00000
2200	3.9377	-3.9060	1.0000	37.6231	3.9384	1.00000
2300	3.9591	-3.9253	1.0000	37.8174	3.9567	1.00000
2400	3.9795	-3.9438	1.0000	38.0041	3.9744	1.00000
2500	3.9991	-3.9615	1.0000	38.1838	3.9921	1.00000
2600	4.0179	-3.9786	1.0000	38.3570	4.0083	1.00001
2700	4.0360	-3.9950	1.0000	38.5245	4.0238	1.00003
2800	4.0536	-4.0108	1.0000	38.6869	4.0401	1.00005
2900	4.0705	-4.0261	1.0001	38.8451	4.0562	1.00011
3000	4.0870	-4.0408	1.0002	39.0002	4.0731	1.00022
3100	4.1034	-4.0551	1.0004	39.1536	4.0931	1.00040
3200	4.1196	-4.0691	1.0007	39.3074	4.1162	1.00073
3300	4.1362	-4.0827	1.0013	39.4643	4.1461	1.00127
3400	4.1533	-4.0960	1.0021	39.6280	4.1860	1.00213
3500	4.1713	-4.1092	1.0035	39.8035	4.2389	1.00348
3600	4.1910	-4.1223	1.0055	39.9971	4.3124	1.00552
3700	4.2129	-4.1355	1.0086	40.2170	4.4122	1.00855
3800	4.2378	-4.1490	1.0129	40.4739	4.5503	1.01295
3900	4.2665	-4.1629	1.0192	40.7801	4.7360	1.01919
4000	4.2996	-4.1776	1.0279	41.1513	4.9839	1.02787
4100	4.3381	-4.1933	1.0398	41.6065	5.3122	1.03978
4200	4.3821	-4.2104	1.0558	42.1670	5.7396	1.05579
4300	4.4322	-4.2293	1.0770	42.8590	6.2910	1.07703
4400	4.4877	-4.2503	1.1047	43.7074	6.9868	1.10465
4500	4.5485	-4.2738	1.1401	44.7438	7.8572	1.14009
4600	4.6131	-4.2999	1.1845	45.9908	8.9198	1.18453
4700	4.6803	-4.3288	1.2391	47.4681	10.1918	1.23908
4800	4.7484	-4.3602	1.3042	49.1792	11.6730	1.30425
4900	4.8152	-4.3935	1.3794	51.0997	13.3363	1.37936
5000	4.8784	-4.4276	1.4622	53.1669	15.1159	1.46215
5100	4.9362	-4.4613	1.5493	55.2966	16.9292	1.54930
5200	4.9863	-4.4929	1.6344	57.3451	18.6323	1.63436
5300	5.0281	-4.5216	1.7128	59.2101	20.1284	1.71276
5400	5.0617	-4.5466	1.7807	60.8138	21.3444	1.78067
5500	5.0879	-4.5679	1.8363	62.1266	22.2569	1.83633
5600	5.1078	-4.5859	1.8799	63.1631	22.8861	1.87996
5700	5.1228	-4.6012	1.9130	63.9640	23.2777	1.91303
5800	5.1342	-4.6143	1.9376	64.5793	23.4859	1.93762
5900	5.1430	-4.6258	1.9557	65.0561	23.5600	1.95575
6000	5.1500	-4.6360	1.9691	65.4336	23.5410	1.96914
6100	5.1557	-4.6454	1.9791	65.7411	23.4600	1.97913
6200	5.1605	-4.6541	1.9868	66.0022	23.3406	1.98680
6300	5.1648	-4.6624	1.9929	66.2330	23.1993	1.99291
6400	5.1688	-4.6704	1.9980	66.4459	23.0479	1.99804
6500	5.1727	-4.6781	2.0026	66.6495	22.8953	2.00259
6600	5.1765	-4.6857	2.0069	66.8508	22.7481	2.00691

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1804	-4.6931	2.0112	67.0550	22.6112	2.01123
6800	5.1845	-4.7005	2.0158	67.2664	22.4886	2.01578
6900	5.1888	-4.7080	2.0207	67.4892	22.3838	2.02073
7000	5.1934	-4.7154	2.0262	67.7264	22.2996	2.02625
7100	5.1984	-4.7229	2.0325	67.9816	22.2389	2.03250
7200	5.2038	-4.7305	2.0396	68.2579	22.2045	2.03963
7300	5.2097	-4.7382	2.0478	68.5587	22.1991	2.04780
7400	5.2161	-4.7461	2.0571	68.8872	22.2253	2.05717
7500	5.2231	-4.7542	2.0678	69.2470	22.2864	2.06791
7600	5.2308	-4.7625	2.0801	69.6416	22.3852	2.08021
7700	5.2391	-4.7711	2.0941	70.0745	22.5246	2.09423
7800	5.2483	-4.7800	2.1101	70.5500	22.7085	2.11019
7900	5.2582	-4.7892	2.1281	71.0714	22.9392	2.12830
8000	5.2690	-4.7988	2.1486	71.6436	23.2209	2.14878
8100	5.2806	-4.8089	2.1716	72.2701	23.5572	2.17183
8200	5.2931	-4.8193	2.1974	72.9551	23.9507	2.19771
8300	5.3066	-4.8303	2.2263	73.7031	24.4058	2.22665
8400	5.3209	-4.8417	2.2585	74.5175	24.9249	2.25888
8500	5.3362	-4.8537	2.2942	75.4021	25.5111	2.29463
8600	5.3522	-4.8661	2.3335	76.3595	26.1664	2.33407
8700	5.3692	-4.8791	2.3768	77.3927	26.8930	2.37743
8800	5.3868	-4.8926	2.4241	78.5031	27.6916	2.42482
8900	5.4052	-4.9067	2.4755	79.6904	28.5611	2.47632
9000	5.4241	-4.9211	2.5310	80.9538	29.5002	2.53195
9100	5.4434	-4.9361	2.5906	82.2910	30.5057	2.59167
9200	5.4631	-4.9513	2.6540	83.6953	31.5708	2.65523
9300	5.4829	-4.9668	2.7210	85.1600	32.6882	2.72238
9400	5.5027	-4.9825	2.7912	86.6762	33.8486	2.79270
9500	5.5223	-4.9983	2.8639	88.2297	35.0376	2.86556
9600	5.5415	-5.0140	2.9386	89.8090	36.2436	2.94039
9700	5.5602	-5.0296	3.0144	91.3957	37.4481	3.01631
9800	5.5782	-5.0448	3.0903	92.9727	38.6344	3.09241
9900	5.5954	-5.0597	3.1656	94.5230	39.7868	3.16784
10000	5.6116	-5.0740	3.2393	96.0296	40.8877	3.24166
10100	5.6268	-5.0878	3.3104	97.4758	41.9223	3.31295
10200	5.6408	-5.1009	3.3785	98.8506	42.8791	3.38109
10300	5.6538	-5.1133	3.4426	100.1412	43.7474	3.44530
10400	5.6656	-5.1250	3.5024	101.3429	44.5229	3.50527
10500	5.6763	-5.1360	3.5577	102.4502	45.2006	3.56060
10600	5.6860	-5.1462	3.6082	103.4629	45.7821	3.61119
10700	5.6947	-5.1558	3.6540	104.3820	46.2692	3.65704
10800	5.7024	-5.1647	3.6952	105.2120	46.6663	3.69827
10900	5.7093	-5.1730	3.7320	105.9570	46.9801	3.73508
11000	5.7155	-5.1807	3.7647	106.6237	47.2167	3.76776
11100	5.7210	-5.1880	3.7935	107.2196	47.3838	3.79664
11200	5.7258	-5.1948	3.8189	107.7510	47.4898	3.82205
11300	5.7302	-5.2011	3.8412	108.2246	47.5412	3.84432
11400	5.7340	-5.2072	3.8607	108.6474	47.5451	3.86380
11500	5.7375	-5.2129	3.8778	109.0256	47.5079	3.88082
11600	5.7406	-5.2183	3.8926	109.3643	47.4357	3.89564
11700	5.7434	-5.2235	3.9056	109.6690	47.3333	3.90858
11800	5.7459	-5.2284	3.9168	109.9437	47.2068	3.91982
11900	5.7482	-5.2332	3.9267	110.1930	47.0577	3.92962
12000	5.7503	-5.2378	3.9352	110.4199	46.8914	3.93815
12100	5.7522	-5.2422	3.9427	110.6273	46.7107	3.94558

LOG P=-3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7540	-5.2465	3.9492	110.8182	46.5176	3.95206
12300	5.7556	-5.2506	3.9549	110.9944	46.3148	3.95770
12400	5.7572	-5.2547	3.9599	111.1580	46.1043	3.96263
12500	5.7586	-5.2587	3.9642	111.3110	45.8877	3.96695
12600	5.7600	-5.2625	3.9680	111.4545	45.6667	3.97073
12700	5.7613	-5.2663	3.9714	111.5900	45.4417	3.97404
12800	5.7625	-5.2701	3.9743	111.7182	45.2148	3.97695
12900	5.7637	-5.2737	3.9769	111.8405	44.9862	3.97951
13000	5.7648	-5.2773	3.9792	111.9572	44.7565	3.98177
13100	5.7659	-5.2809	3.9812	112.0691	44.5264	3.98376
13200	5.7669	-5.2844	3.9830	112.1770	44.2963	3.98552
13300	5.7680	-5.2878	3.9846	112.2815	44.0674	3.98710
13400	5.7690	-5.2913	3.9861	112.3828	43.8395	3.98849
13500	5.7700	-5.2946	3.9874	112.4814	43.6133	3.98975
13600	5.7709	-5.2979	3.9885	112.5778	43.3884	3.99089
13700	5.7719	-5.3013	3.9896	112.6721	43.1655	3.99192
13800	5.7728	-5.3045	3.9906	112.7647	42.9449	3.99286
13900	5.7737	-5.3077	3.9915	112.8558	42.7267	3.99372
14000	5.7748	-5.3110	3.9923	112.9657	42.5314	3.99453
14100	5.7755	-5.3141	3.9931	113.0349	42.2986	3.99529
14200	5.7765	-5.3173	3.9939	113.1236	42.0891	3.99603
14300	5.7774	-5.3204	3.9946	113.2117	41.8826	3.99675
14400	5.7783	-5.3235	3.9953	113.3001	41.6794	3.99746
14500	5.7792	-5.3266	3.9961	113.3883	41.4800	3.99818
14600	5.7801	-5.3297	3.9969	113.4769	41.2844	3.99892
14700	5.7811	-5.3327	3.9977	113.5665	41.0927	3.99970
14800	5.7820	-5.3358	3.9985	113.6573	40.9057	4.00053
14900	5.7830	-5.3388	3.9994	113.7494	40.7227	4.00142
15000	5.7840	-5.3418	4.0004	113.8431	40.5447	4.00240

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.4636	1.0000	25.8815	3.4901	1.00000
200	2.8445	-2.7646	1.0000	28.3082	3.4955	1.00000
300	3.0211	-2.9407	1.0000	29.7280	3.4990	1.00000
400	3.1470	-3.0657	1.0000	30.7373	3.5072	1.00000
500	3.2450	-3.1626	1.0000	31.5261	3.5156	1.00000
600	3.3251	-3.2418	1.0000	32.1800	3.5232	1.00000
700	3.3930	-3.3087	1.0000	32.7440	3.5310	1.00000
800	3.4552	-3.3667	1.0000	33.2433	3.5655	1.00000
900	3.5098	-3.4178	1.0000	33.6931	3.5938	1.00000
1000	3.5589	-3.4638	1.0000	34.1042	3.6218	1.00000
1100	3.6039	-3.5052	1.0000	34.4811	3.6521	1.00000
1200	3.6453	-3.5430	1.0000	34.8304	3.6823	1.00000
1300	3.6835	-3.5777	1.0000	35.1559	3.7120	1.00000
1400	3.7191	-3.6099	1.0000	35.4607	3.7406	1.00000
1500	3.7523	-3.6399	1.0000	35.7472	3.7681	1.00000
1600	3.7842	-3.6679	1.0000	36.0174	3.7942	1.00000
1700	3.8124	-3.6942	1.0000	36.2730	3.8191	1.00000
1800	3.8399	-3.7191	1.0000	36.5155	3.8427	1.00000
1900	3.8659	-3.7425	1.0000	36.7462	3.8650	1.00000
2000	3.8918	-3.7646	1.0000	36.9787	3.8973	1.00000
2100	3.9153	-3.7858	1.0000	37.1903	3.9179	1.00000
2200	3.9377	-3.8060	1.0000	37.3928	3.9384	1.00000

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-3.8253	1.0000	37.5872	3.9567	1.00000
2400	3.9795	-3.8438	1.0000	37.7738	3.9744	1.00000
2500	3.9991	-3.8615	1.0000	37.9535	3.9921	1.00000
2600	4.0179	-3.8786	1.0000	38.1267	4.0082	1.00001
2700	4.0360	-3.8950	1.0000	38.2941	4.0237	1.00002
2800	4.0535	-3.9108	1.0000	38.4564	4.0399	1.00004
2900	4.0705	-3.9261	1.0001	38.6143	4.0557	1.00010
3000	4.0869	-3.9408	1.0002	38.7689	4.0721	1.00020
3100	4.1032	-3.9551	1.0004	38.9216	4.0914	1.00036
3200	4.1193	-3.9690	1.0007	39.0741	4.1133	1.00066
3300	4.1356	-3.9826	1.0011	39.2289	4.1412	1.00114
3400	4.1525	-3.9959	1.0019	39.3893	4.1780	1.00190
3500	4.1700	-4.0090	1.0031	39.5599	4.2263	1.00310
3600	4.1891	-4.0220	1.0049	39.7462	4.2929	1.00492
3700	4.2100	-4.0351	1.0076	39.9557	4.3830	1.00762
3800	4.2337	-4.0484	1.0115	40.1976	4.5071	1.01154
3900	4.2607	-4.0620	1.0171	40.4833	4.6736	1.01710
4000	4.2919	-4.0763	1.0248	40.8266	4.8955	1.02484
4100	4.3279	-4.0915	1.0355	41.2445	5.1892	1.03545
4200	4.3692	-4.1079	1.0497	41.7562	5.5712	1.04974
4300	4.4162	-4.1259	1.0687	42.3852	6.0642	1.06870
4400	4.4687	-4.1458	1.0934	43.1544	6.6868	1.09338
4500	4.5264	-4.1680	1.1251	44.0932	7.4672	1.12511
4600	4.5882	-4.1927	1.1650	45.2237	8.4231	1.16504
4700	4.6532	-4.2200	1.2143	46.5682	9.5743	1.21434
4800	4.7198	-4.2499	1.2738	48.1372	10.9278	1.27378
4900	4.7861	-4.2820	1.3432	49.9200	12.4697	1.34324
5000	4.8498	-4.3152	1.4213	51.8728	14.1534	1.42126
5100	4.9094	-4.3488	1.5055	53.9330	15.9173	1.50549
5200	4.9623	-4.3811	1.5903	55.9747	17.6334	1.59030
5300	5.0077	-4.4109	1.6712	57.8955	19.2036	1.67123
5400	5.0450	-4.4375	1.7439	59.6018	20.5381	1.74385
5500	5.0746	-4.4605	1.8054	61.0405	21.5903	1.80536
5600	5.0976	-4.4801	1.8550	62.2041	22.3575	1.85499
5700	5.1152	-4.4968	1.8935	63.1186	22.8713	1.89353
5800	5.1285	-4.5109	1.9227	63.8271	23.1786	1.92269
5900	5.1388	-4.5232	1.9444	64.3759	23.3291	1.94441
6000	5.1468	-4.5341	1.9605	64.8067	23.3667	1.96053
6100	5.1532	-4.5440	1.9725	65.1525	23.3264	1.97252
6200	5.1585	-4.5530	1.9816	65.4400	23.2352	1.98163
6300	5.1632	-4.5615	1.9888	65.6884	23.1130	1.98875
6400	5.1674	-4.5696	1.9945	65.9120	22.9733	1.99455
6500	5.1714	-4.5774	1.9995	66.1209	22.8274	1.99951
6600	5.1752	-4.5850	2.0040	66.3232	22.6822	2.00403
6700	5.1791	-4.5925	2.0084	66.5247	22.5436	2.00838
6800	5.1831	-4.5999	2.0128	66.7303	22.4162	2.01281
6900	5.1872	-4.6073	2.0175	66.9441	22.3038	2.01751
7000	5.1916	-4.6146	2.0226	67.1697	22.2088	2.02264
7100	5.1963	-4.6220	2.0284	67.4101	22.1348	2.02838
7200	5.2014	-4.6295	2.0348	67.6688	22.0843	2.03486
7300	5.2069	-4.6370	2.0422	67.9486	22.0597	2.04224
7400	5.2129	-4.6447	2.0506	68.2526	22.0638	2.05067
7500	5.2194	-4.6526	2.0602	68.5842	22.0988	2.06030
7600	5.2265	-4.6606	2.0712	68.9466	22.1682	2.07132
7700	5.2343	-4.6689	2.0838	69.3429	22.2742	2.08386

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.2427	-4.6775	2.0980	69.7771	22.4200	2.09812
7900	5.2519	-4.6864	2.1142	70.2524	22.6086	2.11431
8000	5.2618	-4.6956	2.1324	70.7728	22.8432	2.13260
8100	5.2726	-4.7051	2.1530	71.3417	23.1267	2.15320
8200	5.2842	-4.7151	2.1761	71.9634	23.4626	2.17635
8300	5.2966	-4.7255	2.2019	72.6415	23.8541	2.20225
8400	5.3100	-4.7363	2.2308	73.3799	24.3040	2.23112
8500	5.3241	-4.7477	2.2627	74.1818	24.8153	2.26318
8600	5.3392	-4.7595	2.2981	75.0504	25.3905	2.29862
8700	5.3550	-4.7718	2.3371	75.9887	26.0316	2.33765
8800	5.3716	-4.7846	2.3797	76.9989	26.7401	2.38043
8900	5.3890	-4.7979	2.4263	78.0816	27.5164	2.42706
9000	5.4070	-4.8117	2.4768	79.2375	28.3603	2.47765
9100	5.4255	-4.8260	2.5312	80.4659	29.2703	2.53222
9200	5.4444	-4.8406	2.5895	81.7628	30.2421	2.59064
9300	5.4636	-4.8556	2.6515	83.1238	31.2705	2.65277
9400	5.4830	-4.8708	2.7169	84.5427	32.3488	2.71837
9500	5.5023	-4.8862	2.7853	86.0088	33.4667	2.78694
9600	5.5215	-4.9017	2.8563	87.5129	34.6140	2.85806
9700	5.5404	-4.9171	2.9291	89.0405	35.7763	2.93105
9800	5.5587	-4.9324	3.0030	90.5768	36.9399	3.00515
9900	5.5764	-4.9474	3.0773	92.1064	38.0887	3.07959
10000	5.5934	-4.9621	3.1511	93.6133	39.2073	3.15351
10100	5.6094	-4.9762	3.2234	95.0804	40.2794	3.22599
10200	5.6245	-4.9899	3.2936	96.4955	41.2923	3.29634
10300	5.6385	-5.0029	3.3608	97.8429	42.2328	3.36369
10400	5.6514	-5.0152	3.4246	99.1151	43.0927	3.42753
10500	5.6633	-5.0269	3.4843	100.3029	43.8641	3.48734
10600	5.6741	-5.0379	3.5397	101.4029	44.5455	3.54280
10700	5.6839	-5.0481	3.5905	102.4130	45.1346	3.59376
10800	5.6927	-5.0578	3.6369	103.3348	45.6338	3.64020
10900	5.7006	-5.0667	3.6788	104.1697	46.0463	3.68214
11000	5.7077	-5.0751	3.7164	104.9229	46.3775	3.71979
11100	5.7140	-5.0830	3.7500	105.6005	46.6342	3.75342
11200	5.7197	-5.0903	3.7799	106.2079	46.8224	3.78326
11300	5.7247	-5.0972	3.8062	106.7513	46.9486	3.80964
11400	5.7292	-5.1037	3.8295	107.2376	47.0215	3.83289
11500	5.7332	-5.1098	3.8499	107.6729	47.0457	3.85333
11600	5.7368	-5.1155	3.8679	108.0626	47.0282	3.87123
11700	5.7401	-5.1210	3.8836	108.4128	46.9747	3.88692
11800	5.7430	-5.1262	3.8973	108.7276	46.8903	3.90062
11900	5.7456	-5.1313	3.9093	109.0123	46.7792	3.91260
12000	5.7480	-5.1361	3.9198	109.2704	46.6465	3.92307
12100	5.7502	-5.1407	3.9290	109.5053	46.4944	3.93221
12200	5.7522	-5.1451	3.9370	109.7201	46.3275	3.94020
12300	5.7541	-5.1494	3.9440	109.9173	46.1472	3.94718
12400	5.7558	-5.1536	3.9502	110.0994	45.9565	3.95329
12500	5.7574	-5.1577	3.9556	110.2685	45.7573	3.95865
12600	5.7589	-5.1617	3.9603	110.4260	45.5509	3.96334
12700	5.7603	-5.1656	3.9645	110.5738	45.3393	3.96746
12800	5.7616	-5.1694	3.9681	110.7129	45.1240	3.97108
12900	5.7629	-5.1731	3.9714	110.8445	44.9051	3.97426
13000	5.7641	-5.1768	3.9742	110.9694	44.6838	3.97707
13100	5.7653	-5.1804	3.9767	111.0884	44.4616	3.97955
13200	5.7664	-5.1839	3.9790	111.2026	44.2385	3.98174

LOG P=-2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7675	-5.1874	3.9809	111.3125	44.0151	3.98369
13400	5.7685	-5.1909	3.9827	111.4186	43.7926	3.98542
13500	5.7695	-5.1943	3.9843	111.5213	43.5706	3.98698
13600	5.7705	-5.1976	3.9857	111.6212	43.3495	3.98836
13700	5.7715	-5.2010	3.9870	111.7185	43.1302	3.98962
13800	5.7725	-5.2043	3.9882	111.8135	42.9124	3.99076
13900	5.7734	-5.2075	3.9893	111.9067	42.6962	3.99179
14000	5.7745	-5.2107	3.9902	112.0182	42.5029	3.99274
14100	5.7753	-5.2139	3.9912	112.0887	42.2713	3.99362
14200	5.7762	-5.2171	3.9920	112.1781	42.0629	3.99445
14300	5.7771	-5.2202	3.9928	112.2667	41.8567	3.99525
14400	5.7780	-5.2233	3.9936	112.3551	41.6545	3.99601
14500	5.7789	-5.2264	3.9944	112.4428	41.4544	3.99676
14600	5.7799	-5.2295	3.9952	112.5306	41.2583	3.99751
14700	5.7808	-5.2325	3.9960	112.6188	41.0652	3.99828
14800	5.7817	-5.2356	3.9968	112.7076	40.8764	3.99907
14900	5.7827	-5.2386	3.9977	112.7972	40.6915	3.99990
15000	5.7837	-5.2416	3.9986	112.8879	40.5106	4.00078

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.3636	1.0000	25.6512	3.4901	1.00000
200	2.8445	-2.6646	1.0000	28.0780	3.4955	1.00000
300	3.0211	-2.8407	1.0000	29.4977	3.4990	1.00000
400	3.1470	-2.9657	1.0000	30.5070	3.5072	1.00000
500	3.2450	-3.0626	1.0000	31.2959	3.5156	1.00000
600	3.3251	-3.1418	1.0000	31.9497	3.5232	1.00000
700	3.3930	-3.2087	1.0000	32.5138	3.5310	1.00000
800	3.4552	-3.2667	1.0000	33.0131	3.5655	1.00000
900	3.5098	-3.3178	1.0000	33.4628	3.5938	1.00000
1000	3.5589	-3.3638	1.0000	33.8739	3.6218	1.00000
1100	3.6039	-3.4052	1.0000	34.2508	3.6521	1.00000
1200	3.6453	-3.4430	1.0000	34.6001	3.6824	1.00000
1300	3.6835	-3.4777	1.0000	34.9257	3.7120	1.00000
1400	3.7191	-3.5099	1.0000	35.2304	3.7406	1.00000
1500	3.7522	-3.5399	1.0000	35.5169	3.7681	1.00000
1600	3.7832	-3.5679	1.0000	35.7871	3.7942	1.00000
1700	3.8124	-3.5942	1.0000	36.0428	3.8191	1.00000
1800	3.8399	-3.6191	1.0000	36.2853	3.8427	1.00000
1900	3.8659	-3.6425	1.0000	36.5160	3.8650	1.00000
2000	3.8918	-3.6646	1.0000	36.7485	3.8973	1.00000
2100	3.9153	-3.6858	1.0000	36.9601	3.9179	1.00000
2200	3.9377	-3.7060	1.0000	37.1626	3.9384	1.00000
2300	3.9591	-3.7253	1.0000	37.3569	3.9567	1.00000
2400	3.9795	-3.7438	1.0000	37.5435	3.9744	1.00000
2500	3.9991	-3.7615	1.0000	37.7232	3.9921	1.00000
2600	4.0179	-3.7786	1.0000	37.8963	4.0082	1.00001
2700	4.0360	-3.7950	1.0000	38.0638	4.0235	1.00002
2800	4.0535	-3.8108	1.0000	38.2259	4.0397	1.00004
2900	4.0704	-3.8260	1.0001	38.3836	4.0552	1.00009
3000	4.0869	-3.8408	1.0002	38.5378	4.0713	1.00018
3100	4.1031	-3.8551	1.0003	38.6897	4.0899	1.00032
3200	4.1191	-3.8690	1.0006	38.8411	4.1107	1.00058
3300	4.1352	-3.8826	1.0010	38.9940	4.1369	1.00101

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1517	-3.8958	1.0017	39.1516	4.1710	1.00169
3500	4.1689	-3.9089	1.0028	39.3178	4.2150	1.00276
3600	4.1873	-3.9218	1.0044	39.4976	4.2756	1.00439
3700	4.2074	-3.9347	1.0068	39.6976	4.3568	1.00679
3800	4.2300	-3.9478	1.0103	39.9264	4.4686	1.01028
3900	4.2555	-3.9612	1.0152	40.1938	4.6181	1.01524
4000	4.2848	-3.9752	1.0221	40.5121	4.8167	1.02214
4100	4.3186	-3.9899	1.0316	40.8969	5.0794	1.03160
4200	4.3573	-4.0057	1.0443	41.3649	5.4209	1.04434
4300	4.4015	-4.0229	1.0613	41.9377	5.8618	1.06126
4400	4.4509	-4.0418	1.0833	42.6358	6.4187	1.08330
4500	4.5056	-4.0628	1.1117	43.4861	7.1177	1.11168
4600	4.5646	-4.0861	1.1475	44.5106	7.9763	1.14750
4700	4.6271	-4.1120	1.1919	45.7320	9.0151	1.19193
4800	4.6918	-4.1403	1.2459	47.1653	10.2460	1.24590
4900	4.7571	-4.1710	1.3097	48.8095	11.6648	1.30967
5000	4.8209	-4.2032	1.3825	50.6371	13.2412	1.38245
5100	4.8817	-4.2364	1.4628	52.6060	14.9322	1.46282
5200	4.9369	-4.2688	1.5460	54.6094	16.6287	1.54601
5300	4.9853	-4.2995	1.6280	56.5524	18.2397	1.62798
5400	5.0262	-4.3275	1.7041	58.3356	19.6687	1.70414
5500	5.0594	-4.3522	1.7709	59.8869	20.8483	1.77090
5600	5.0857	-4.3734	1.8265	61.1760	21.7531	1.82646
5700	5.1060	-4.3915	1.8707	62.2099	22.3956	1.87075
5800	5.1216	-4.4069	1.9049	63.0211	22.8129	1.90493
5900	5.1336	-4.4202	1.9308	63.6525	23.0516	1.93077
6000	5.1428	-4.4318	1.9501	64.1465	23.1568	1.95010
6100	5.1502	-4.4422	1.9645	64.5389	23.1661	1.96453
6200	5.1562	-4.4517	1.9754	64.8597	23.1107	1.97543
6300	5.1613	-4.4604	1.9838	65.1313	23.0133	1.98383
6400	5.1658	-4.4687	1.9905	65.3698	22.8901	1.99052
6500	5.1700	-4.4767	1.9961	65.5877	22.7542	1.99607
6600	5.1739	-4.4844	2.0009	65.7938	22.6140	2.00094
6700	5.1778	-4.4919	2.0054	65.9951	22.4762	2.00544
6800	5.1817	-4.4993	2.0098	66.1971	22.3461	2.00985
6900	5.1858	-4.5066	2.0144	66.4043	22.2280	2.01439
7000	5.1900	-4.5139	2.0192	66.6202	22.1247	2.01924
7100	5.1945	-4.5212	2.0245	66.8483	22.0396	2.02455
7200	5.1993	-4.5285	2.0305	67.0916	21.9752	2.03049
7300	5.2044	-4.5360	2.0371	67.3531	21.9338	2.03719
7400	5.2100	-4.5435	2.0448	67.6357	21.9183	2.04480
7500	5.2161	-4.5511	2.0534	67.9423	21.9305	2.05346
7600	5.2227	-4.5590	2.0633	68.2762	21.9738	2.06334
7700	5.2299	-4.5670	2.0745	68.6402	22.0501	2.07457
7800	5.2377	-4.5753	2.0872	69.0376	22.1623	2.08733
7900	5.2462	-4.5838	2.1016	69.4717	22.3130	2.10180
8000	5.2554	-4.5926	2.1180	69.9458	22.5053	2.11815
8100	5.2653	-4.6018	2.1364	70.4635	22.7421	2.13657
8200	5.2760	-4.6113	2.1570	71.0282	23.0259	2.15726
8300	5.2876	-4.6212	2.1801	71.6435	23.3603	2.18042
8400	5.2999	-4.6315	2.2059	72.3133	23.7480	2.20626
8500	5.3131	-4.6422	2.2346	73.0402	24.1916	2.23498
8600	5.3271	-4.6534	2.2663	73.8279	24.6935	2.26677
8700	5.3419	-4.6651	2.3013	74.6794	25.2563	2.30184
8800	5.3575	-4.6773	2.3397	75.5972	25.8821	2.34037

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.3738	-4.6899	2.3817	76.5826	26.5711	2.38248
9000	5.3908	-4.7030	2.4274	77.6371	27.3245	2.42830
9100	5.4084	-4.7166	2.4769	78.7612	28.1422	2.47792
9200	5.4265	-4.7305	2.5302	79.9525	29.0210	2.53129
9300	5.4450	-4.7449	2.5871	81.2089	29.9588	2.58837
9400	5.4638	-4.7596	2.6476	82.5265	30.9503	2.64902
9500	5.4827	-4.7745	2.7113	83.8973	31.9885	2.71292
9600	5.5016	-4.7896	2.7780	85.3149	33.0655	2.77976
9700	5.5204	-4.8048	2.8471	86.7686	34.1705	2.84906
9800	5.5389	-4.8199	2.9181	88.2459	35.2915	2.92022
9900	5.5569	-4.8349	2.9903	89.7338	36.4150	2.99258
10000	5.5743	-4.8497	3.0629	91.2178	37.5274	3.06537
10100	5.5910	-4.8642	3.1351	92.6812	38.6118	3.13773
10200	5.6069	-4.8782	3.2062	94.1117	39.6566	3.20899
10300	5.6219	-4.8917	3.2753	95.4928	40.6458	3.27823
10400	5.6358	-4.9046	3.3418	96.8155	41.5714	3.34488
10500	5.6488	-4.9169	3.4051	98.0677	42.4219	3.40827
10600	5.6607	-4.9286	3.4646	99.2428	43.1912	3.46796
10700	5.6716	-4.9395	3.5202	100.3358	43.8755	3.52359
10800	5.6815	-4.9499	3.5715	101.3449	44.4738	3.57498
10900	5.6905	-4.9596	3.6184	102.2687	44.9853	3.62201
11000	5.6986	-4.9686	3.6611	103.1098	45.4136	3.66472
11100	5.7058	-4.9771	3.6997	103.8728	45.7634	3.70330
11200	5.7124	-4.9850	3.7342	104.5612	46.0406	3.73789
11300	5.7182	-4.9925	3.7650	105.1806	46.2495	3.76874
11400	5.7234	-4.9994	3.7924	105.7369	46.3975	3.79615
11500	5.7281	-5.0060	3.8167	106.2363	46.4913	3.82042
11600	5.7322	-5.0122	3.8381	106.6840	46.5360	3.84182
11700	5.7360	-5.0180	3.8570	107.0865	46.5393	3.86069
11800	5.7394	-5.0236	3.8736	107.4482	46.5051	3.87725
11900	5.7424	-5.0289	3.8882	107.7746	46.4395	3.89181
12000	5.7452	-5.0340	3.9010	108.0698	46.3465	3.90458
12100	5.7477	-5.0388	3.9122	108.3373	46.2299	3.91578
12200	5.7500	-5.0435	3.9221	108.5811	46.0937	3.92559
12300	5.7521	-5.0480	3.9307	108.8038	45.9404	3.93420
12400	5.7540	-5.0523	3.9383	109.0082	45.7739	3.94173
12500	5.7558	-5.0566	3.9449	109.1971	45.5954	3.94837
12600	5.7575	-5.0607	3.9508	109.3719	45.4077	3.95417
12700	5.7591	-5.0647	3.9560	109.5348	45.2124	3.95928
12800	5.7605	-5.0686	3.9605	109.6872	45.0107	3.96378
12900	5.7619	-5.0724	3.9645	109.8305	44.8050	3.96775
13000	5.7632	-5.0761	3.9680	109.9657	44.5951	3.97124
13100	5.7645	-5.0798	3.9712	110.0937	44.3821	3.97432
13200	5.7657	-5.0834	3.9739	110.2157	44.1675	3.97705
13300	5.7668	-5.0869	3.9764	110.3326	43.9516	3.97948
13400	5.7679	-5.0904	3.9786	110.4445	43.7352	3.98163
13500	5.7690	-5.0939	3.9806	110.5524	43.5188	3.98355
13600	5.7701	-5.0973	3.9823	110.6568	43.3027	3.98526
13700	5.7711	-5.1006	3.9839	110.7581	43.0874	3.98680
13800	5.7721	-5.1039	3.9853	110.8565	42.8735	3.98819
13900	5.7730	-5.1072	3.9866	110.9526	42.6607	3.98944
14000	5.7742	-5.1105	3.9878	111.0664	42.4697	3.99058
14100	5.7750	-5.1137	3.9889	111.1388	42.2406	3.99163
14200	5.7759	-5.1168	3.9899	111.2297	42.0337	3.99260
14300	5.7768	-5.1200	3.9908	111.3194	41.8290	3.99350

LOG P=-2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7777	-5.1231	3.9917	111.4083	41.6267	3.99436
14500	5.7787	-5.1262	3.9926	111.4964	41.4275	3.99518
14600	5.7796	-5.1293	3.9934	111.5840	41.2312	3.99598
14700	5.7805	-5.1324	3.9942	111.6716	41.0383	3.99676
14800	5.7814	-5.1354	3.9950	111.7593	40.8482	3.99755
14900	5.7824	-5.1384	3.9959	111.8472	40.6614	3.99836
15000	5.7833	-5.1414	3.9967	111.9359	40.4790	3.99919

LOG P=-2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.2636	1.0000	25.4210	3.4901	1.00000
200	2.8445	-2.5646	1.0000	27.8477	3.4955	1.00000
300	3.0211	-2.7407	1.0000	29.2675	3.4990	1.00000
400	3.1470	-2.8657	1.0000	30.2768	3.5072	1.00000
500	3.2450	-2.9626	1.0000	31.0656	3.5156	1.00000
600	3.3251	-3.0418	1.0000	31.7195	3.5232	1.00000
700	3.3930	-3.1087	1.0000	32.2835	3.5310	1.00000
800	3.4552	-3.1667	1.0000	32.7828	3.5655	1.00000
900	3.5098	-3.2178	1.0000	33.2326	3.5938	1.00000
1000	3.5589	-3.2638	1.0000	33.6436	3.6218	1.00000
1100	3.6039	-3.3052	1.0000	34.0205	3.6521	1.00000
1200	3.6453	-3.3430	1.0000	34.3699	3.6823	1.00000
1300	3.6835	-3.3777	1.0000	34.6954	3.7120	1.00000
1400	3.7191	-3.4099	1.0000	35.0002	3.7406	1.00000
1500	3.7522	-3.4399	1.0000	35.2867	3.7681	1.00000
1600	3.7832	-3.4679	1.0000	35.5569	3.7942	1.00000
1700	3.8124	-3.4942	1.0000	35.8125	3.8191	1.00000
1800	3.8399	-3.5191	1.0000	36.0551	3.8427	1.00000
1900	3.8659	-3.5425	1.0000	36.2857	3.8649	1.00000
2000	3.8918	-3.5646	1.0000	36.5182	3.8973	1.00000
2100	3.9153	-3.5858	1.0000	36.7298	3.9179	1.00000
2200	3.9377	-3.6060	1.0000	36.9323	3.9384	1.00000
2300	3.9591	-3.6253	1.0000	37.1266	3.9567	1.00000
2400	3.9795	-3.6438	1.0000	37.3133	3.9744	1.00000
2500	3.9991	-3.6615	1.0000	37.4930	3.9920	1.00000
2600	4.0179	-3.6786	1.0000	37.6660	4.0081	1.00001
2700	4.0360	-3.6950	1.0000	37.8334	4.0235	1.00002
2800	4.0535	-3.7108	1.0000	37.9955	4.0395	1.00003
2900	4.0704	-3.7260	1.0001	38.1529	4.0549	1.00008
3000	4.0868	-3.7408	1.0002	38.3068	4.0706	1.00016
3100	4.1029	-3.7551	1.0003	38.4581	4.0886	1.00028
3200	4.1188	-3.7690	1.0005	38.6084	4.1084	1.00052
3300	4.1348	-3.7825	1.0009	38.7597	4.1330	1.00090
3400	4.1511	-3.7957	1.0015	38.9147	4.1647	1.00151
3500	4.1678	-3.8087	1.0025	39.0769	4.2050	1.00246
3600	4.1857	-3.8216	1.0039	39.2509	4.2601	1.00391
3700	4.2051	-3.8344	1.0061	39.4427	4.3336	1.00605
3800	4.2266	-3.8473	1.0092	39.6595	4.4343	1.00916
3900	4.2508	-3.8605	1.0136	39.9106	4.5685	1.01359
4000	4.2784	-3.8742	1.0197	40.2068	4.7464	1.01974
4100	4.3102	-3.8884	1.0282	40.5618	4.9816	1.02817
4200	4.3465	-3.9037	1.0395	40.9910	5.2870	1.03953
4300	4.3879	-3.9202	1.0546	41.5134	5.6812	1.05462
4400	4.4344	-3.9382	1.0743	42.1478	6.1791	1.07429

LOG P=-2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.4860	-3.9581	1.0997	42.9187	6.8049	1.09967
4600	4.5421	-3.9801	1.1318	43.8470	7.5751	1.13176
4700	4.6020	-4.0045	1.1717	44.9551	8.5103	1.17171
4800	4.6547	-4.0314	1.2205	46.2608	9.6255	1.22052
4900	4.7286	-4.0606	1.2788	47.7701	10.9234	1.27876
5000	4.7919	-4.0917	1.3461	49.4683	12.3860	1.34612
5100	4.8533	-4.1240	1.4219	51.3285	13.9866	1.42188
5200	4.9102	-4.1563	1.5022	53.2662	15.6367	1.50224
5300	4.9612	-4.1876	1.5838	55.1993	17.2567	1.58383
5400	5.0054	-4.2167	1.6622	57.0295	18.7503	1.66218
5500	5.0422	-4.2428	1.7332	58.6726	20.0375	1.73323
5600	5.0719	-4.2657	1.7943	60.0776	21.0718	1.79428
5700	5.0953	-4.2853	1.8444	61.2322	21.8462	1.84437
5800	5.1133	-4.3021	1.8840	62.1542	22.3828	1.88397
5900	5.1273	-4.3165	1.9145	62.8787	22.7210	1.91446
6000	5.1381	-4.3290	1.9375	63.4466	22.9047	1.93753
6100	5.1466	-4.3400	1.9549	63.8950	22.9736	1.95486
6200	5.1534	-4.3500	1.9679	64.2569	22.9618	1.96794
6300	5.1591	-4.3592	1.9779	64.5577	22.8957	1.97794
6400	5.1640	-4.3677	1.9858	64.8161	22.7942	1.98578
6500	5.1684	-4.3758	1.9921	65.0468	22.6724	1.99212
6600	5.1725	-4.3836	1.9975	65.2601	22.5406	1.99749
6700	5.1764	-4.3912	2.0023	65.4641	22.4065	2.00229
6800	5.1804	-4.3986	2.0068	65.6650	22.2765	2.00680
6900	5.1843	-4.4059	2.0113	65.8677	22.1550	2.01130
7000	5.1884	-4.4132	2.0159	66.0764	22.0454	2.01595
7100	5.1927	-4.4204	2.0209	66.2943	21.9513	2.02095
7200	5.1973	-4.4277	2.0264	66.5246	21.8752	2.02644
7300	5.2022	-4.4350	2.0325	66.7704	21.8196	2.03257
7400	5.2074	-4.4423	2.0394	67.0342	21.7870	2.03946
7500	5.2131	-4.4498	2.0472	67.3190	21.7794	2.04728
7600	5.2193	-4.4575	2.0561	67.6276	21.7993	2.05616
7700	5.2259	-4.4653	2.0661	67.9628	21.8495	2.06623
7800	5.2332	-4.4732	2.0776	68.3276	21.9319	2.07766
7900	5.2410	-4.4815	2.0905	68.7248	22.0488	2.09060
8000	5.2495	-4.4900	2.1051	69.1578	22.2036	2.10522
8100	5.2587	-4.4987	2.1215	69.6295	22.3983	2.12167
8200	5.2686	-4.5078	2.1399	70.1432	22.6359	2.14017
8300	5.2793	-4.5173	2.1606	70.7022	22.9189	2.16088
8400	5.2907	-4.5271	2.1837	71.3102	23.2503	2.18400
8500	5.3029	-4.5373	2.2093	71.9697	23.6325	2.20971
8600	5.3159	-4.5479	2.2377	72.6841	24.0681	2.23820
8700	5.3297	-4.5590	2.2691	73.4566	24.5595	2.26967
8800	5.3443	-4.5705	2.3037	74.2896	25.1087	2.30430
8900	5.3596	-4.5825	2.3415	75.1850	25.7170	2.34222
9000	5.3756	-4.5949	2.3828	76.1450	26.3859	2.38359
9100	5.3923	-4.6078	2.4276	77.1705	27.1160	2.42854
9200	5.4095	-4.6211	2.4760	78.2608	27.9056	2.47707
9300	5.4272	-4.6349	2.5280	79.4153	28.7540	2.52922
9400	5.4453	-4.6490	2.5836	80.6318	29.6581	2.58494
9500	5.4636	-4.6633	2.6425	81.9049	30.6121	2.64402
9600	5.4821	-4.6780	2.7046	83.2303	31.6117	2.70629
9700	5.5006	-4.6928	2.7695	84.5995	32.6477	2.77138
9800	5.5190	-4.7076	2.8368	86.0032	33.7108	2.83883
9900	5.5371	-4.7225	2.9059	87.4311	34.7908	2.90816

LOG P=-2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.5548	-4.7373	2.9763	88.8709	35.8756	2.97873
10100	5.5719	-4.7518	3.0471	90.3079	36.9503	3.04978
10200	5.5884	-4.7661	3.1179	91.7304	38.0035	3.12069
10300	5.6041	-4.7799	3.1876	93.1222	39.0199	3.19058
10400	5.6190	-4.7933	3.2557	94.4733	39.9891	3.25886
10500	5.6329	-4.8061	3.3214	95.7699	40.8989	3.32476
10600	5.6459	-4.8184	3.3843	97.0031	41.7401	3.38772
10700	5.6578	-4.8300	3.4437	98.1650	42.5070	3.44726
10800	5.6689	-4.8410	3.4993	99.2512	43.1946	3.50304
10900	5.6789	-4.8514	3.5510	100.2572	43.7997	3.55477
11000	5.6880	-4.8611	3.5985	101.1832	44.3231	3.60238
11100	5.6963	-4.8703	3.6420	102.0312	44.7680	3.64590
11200	5.7037	-4.8788	3.6814	102.8029	45.1364	3.68536
11300	5.7105	-4.8869	3.7169	103.5023	45.4335	3.72093
11400	5.7165	-4.8944	3.7488	104.1342	45.6638	3.75284
11500	5.7219	-4.9015	3.7773	104.7045	45.8343	3.78135
11600	5.7267	-4.9081	3.8026	105.2175	45.9503	3.80669
11700	5.7311	-4.9144	3.8251	105.6796	46.0173	3.82917
11800	5.7350	-4.9204	3.8450	106.0951	46.0412	3.84904
11900	5.7386	-4.9260	3.8626	106.4699	46.0275	3.86659
12000	5.7418	-4.9314	3.8781	106.8087	45.9809	3.88206
12100	5.7447	-4.9365	3.8917	107.1149	45.9059	3.89569
12200	5.7473	-4.9414	3.9038	107.3931	45.8064	3.90767
12300	5.7497	-4.9462	3.9143	107.6463	45.6862	3.91821
12400	5.7519	-4.9507	3.9236	107.8777	45.5483	3.92748
12500	5.7539	-4.9551	3.9318	108.0903	45.3955	3.93564
12600	5.7558	-4.9594	3.9391	108.2862	45.2304	3.94281
12700	5.7575	-4.9635	3.9454	108.4676	45.0549	3.94913
12800	5.7592	-4.9675	3.9510	108.6362	44.8708	3.95470
12900	5.7607	-4.9714	3.9560	108.7939	44.6799	3.95962
13000	5.7621	-4.9753	3.9604	108.9416	44.4835	3.96396
13100	5.7635	-4.9790	3.9643	109.0808	44.2826	3.96779
13200	5.7648	-4.9827	3.9677	109.2125	44.0786	3.97119
13300	5.7660	-4.9863	3.9708	109.3380	43.8719	3.97420
13400	5.7672	-4.9899	3.9735	109.4574	43.6633	3.97687
13500	5.7684	-4.9934	3.9759	109.5721	43.4544	3.97926
13600	5.7695	-4.9968	3.9781	109.6823	43.2444	3.98138
13700	5.7705	-5.0002	3.9800	109.7885	43.0345	3.98328
13800	5.7716	-5.0036	3.9818	109.8914	42.8255	3.98499
13900	5.7726	-5.0069	3.9834	109.9912	42.6168	3.98653
14000	5.7738	-5.0101	3.9848	110.1083	42.4294	3.98792
14100	5.7746	-5.0134	3.9861	110.1835	42.2031	3.98918
14200	5.7755	-5.0166	3.9873	110.2768	41.9989	3.99035
14300	5.7765	-5.0197	3.9884	110.3682	41.7961	3.99141
14400	5.7774	-5.0229	3.9894	110.4585	41.5959	3.99241
14500	5.7783	-5.0260	3.9904	110.5477	41.3980	3.99334
14600	5.7793	-5.0291	3.9913	110.6357	41.2021	3.99422
14700	5.7802	-5.0321	3.9922	110.7236	41.0098	3.99507
14800	5.7811	-5.0352	3.9931	110.8110	40.8196	3.99591
14900	5.7821	-5.0382	3.9939	110.8981	40.6328	3.99673
15000	5.7830	-5.0412	3.9948	110.9856	40.4491	3.99756

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.1636	1.0000	25.1907	3.4901	1.00000
200	2.8445	-2.4646	1.0000	27.6174	3.4955	1.00000
300	3.0211	-2.6407	1.0000	29.0372	3.4990	1.00000
400	3.1470	-2.7657	1.0000	30.0465	3.5072	1.00000
500	3.2450	-2.8626	1.0000	30.8353	3.5156	1.00000
600	3.3251	-2.9418	1.0000	31.4892	3.5232	1.00000
700	3.3930	-3.0087	1.0000	32.0532	3.5310	1.00000
800	3.4552	-3.0667	1.0000	32.5525	3.5655	1.00000
900	3.5098	-3.1178	1.0000	33.0023	3.5938	1.00000
1000	3.5589	-3.1638	1.0000	33.4134	3.6218	1.00000
1100	3.6039	-3.2052	1.0000	33.7903	3.6521	1.00000
1200	3.6453	-3.2430	1.0000	34.1396	3.6824	1.00000
1300	3.6835	-3.2777	1.0000	34.4652	3.7120	1.00000
1400	3.7191	-3.3099	1.0000	34.7699	3.7406	1.00000
1500	3.7522	-3.3399	1.0000	35.0564	3.7681	1.00000
1600	3.7832	-3.3679	1.0000	35.3266	3.7942	1.00000
1700	3.8124	-3.3942	1.0000	35.5822	3.8191	1.00000
1800	3.8399	-3.4191	1.0000	35.8248	3.8427	1.00000
1900	3.8659	-3.4425	1.0000	36.0555	3.8650	1.00000
2000	3.8918	-3.4646	1.0000	36.2880	3.8973	1.00000
2100	3.9153	-3.4858	1.0000	36.4996	3.9179	1.00000
2200	3.9377	-3.5060	1.0000	36.7021	3.9384	1.00000
2300	3.9591	-3.5253	1.0000	36.8963	3.9567	1.00000
2400	3.9795	-3.5438	1.0000	37.0830	3.9743	1.00000
2500	3.9991	-3.5615	1.0000	37.2627	3.9920	1.00000
2600	4.0179	-3.5786	1.0000	37.4357	4.0081	1.00001
2700	4.0360	-3.5950	1.0000	37.6031	4.0234	1.00002
2800	4.0535	-3.6108	1.0000	37.7651	4.0393	1.00003
2900	4.0703	-3.6260	1.0001	37.9223	4.0545	1.00007
3000	4.0867	-3.6408	1.0001	38.0759	4.0699	1.00014
3100	4.1028	-3.6551	1.0003	38.2266	4.0874	1.00025
3200	4.1186	-3.6690	1.0005	38.3760	4.1064	1.00046
3300	4.1344	-3.6825	1.0008	38.5258	4.1295	1.00080
3400	4.1505	-3.6957	1.0013	38.6785	4.1591	1.00135
3500	4.1669	-3.7086	1.0022	38.8372	4.1961	1.00220
3600	4.1843	-3.7214	1.0035	39.0060	4.2464	1.00349
3700	4.2030	-3.7341	1.0054	39.1903	4.3129	1.00539
3800	4.2236	-3.7469	1.0082	39.3967	4.4037	1.00816
3900	4.2466	-3.7599	1.0121	39.6332	4.5243	1.01211
4000	4.2727	-3.7732	1.0176	39.9097	4.6838	1.01759
4100	4.3025	-3.7872	1.0251	40.2383	4.8944	1.02511
4200	4.3365	-3.8019	1.0352	40.6328	5.1676	1.03523
4300	4.3754	-3.8177	1.0487	41.1102	5.5200	1.04870
4400	4.4191	-3.8349	1.0663	41.6875	5.9652	1.06625
4500	4.4678	-3.8538	1.0889	42.3871	6.5252	1.08892
4600	4.5210	-3.8747	1.1176	43.2282	7.2153	1.11764
4700	4.5782	-3.8977	1.1535	44.2329	8.0559	1.15350
4800	4.6385	-3.9231	1.1975	45.4200	9.0630	1.19753
4900	4.7007	-3.9509	1.2504	46.7998	10.2444	1.25044
5000	4.7631	-3.9806	1.3123	48.3672	11.5913	1.31232
5100	4.8245	-4.0120	1.3830	50.1088	13.0903	1.38304
5200	4.8825	-4.0439	1.4597	51.9604	14.6719	1.45969
5300	4.9357	-4.0753	1.5396	53.8540	16.2706	1.53957
5400	4.9828	-4.1051	1.6187	55.6995	17.7976	1.61866
5500	5.0229	-4.1326	1.6928	57.4087	19.1677	1.69282

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	5.0561	-4.1570	1.7587	58.9154	20.3185	1.75870
5700	5.0827	-4.1782	1.8144	60.1868	21.2218	1.81442
5800	5.1035	-4.1965	1.8596	61.2236	21.8828	1.85964
5900	5.1197	-4.2121	1.8952	62.0494	22.3299	1.89516
6000	5.1323	-4.2256	1.9225	62.7010	22.6033	1.92248
6100	5.1422	-4.2374	1.9432	63.2150	22.7423	1.94319
6200	5.1500	-4.2480	1.9589	63.6265	22.7836	1.95889
6300	5.1564	-4.2576	1.9709	63.9636	22.7563	1.97087
6400	5.1619	-4.2665	1.9801	64.2478	22.6826	1.98015
6500	5.1666	-4.2748	1.9875	64.4959	22.5798	1.98753
6600	5.1710	-4.2828	1.9936	64.7201	22.4601	1.99360
6700	5.1750	-4.2905	1.9988	64.9299	22.3331	1.99885
6800	5.1790	-4.2979	2.0036	65.1325	22.2058	2.00360
6900	5.1829	-4.3052	2.0081	65.3332	22.0833	2.00816
7000	5.1869	-4.3125	2.0127	65.5368	21.9699	2.01272
7100	5.1911	-4.3197	2.0175	65.7466	21.8687	2.01750
7200	5.1955	-4.3268	2.0226	65.9662	21.7832	2.02264
7300	5.2001	-4.3341	2.0283	66.1985	21.7154	2.02829
7400	5.2050	-4.3413	2.0345	66.4461	21.6678	2.03459
7500	5.2104	-4.3486	2.0416	66.7119	21.6430	2.04168
7600	5.2161	-4.3561	2.0496	66.9983	21.6427	2.04968
7700	5.2223	-4.3637	2.0586	67.3081	21.6695	2.05873
7800	5.2291	-4.3714	2.0689	67.6439	21.7253	2.06898
7900	5.2363	-4.3794	2.0804	68.0084	21.8127	2.08057
8000	5.2442	-4.3876	2.0935	68.4048	21.9337	2.09365
8100	5.2527	-4.3960	2.1082	68.8355	22.0911	2.10837
8200	5.2619	-4.4047	2.1247	69.3036	22.2870	2.12490
8300	5.2717	-4.4137	2.1432	69.8123	22.5243	2.14341
8400	5.2823	-4.4231	2.1638	70.3646	22.8052	2.16409
8500	5.2936	-4.4328	2.1867	70.9635	23.1321	2.18709
8600	5.3057	-4.4429	2.2122	71.6117	23.5080	2.21260
8700	5.3185	-4.4534	2.2403	72.3123	23.9344	2.24080
8800	5.3321	-4.4644	2.2713	73.0682	24.4141	2.27187
8900	5.3464	-4.4757	2.3053	73.8813	24.9485	2.30596
9000	5.3614	-4.4875	2.3424	74.7539	25.5391	2.34323
9100	5.3771	-4.4997	2.3829	75.6876	26.1869	2.38382
9200	5.3934	-4.5124	2.4267	76.6826	26.8920	2.42779
9300	5.4102	-4.5255	2.4740	77.7392	27.6537	2.47520
9400	5.4275	-4.5389	2.5248	78.8568	28.4710	2.52609
9500	5.4452	-4.5528	2.5788	80.0317	29.3402	2.58033
9600	5.4631	-4.5668	2.6362	81.2613	30.2577	2.63785
9700	5.4812	-4.5812	2.6965	82.5398	31.2176	2.69839
9800	5.4993	-4.5957	2.7596	83.8604	32.2131	2.76165
9900	5.5172	-4.6103	2.8250	85.2155	33.2360	2.82729
10000	5.5350	-4.6248	2.8924	86.5954	34.2766	2.89480
10100	5.5524	-4.6393	2.9609	87.9871	35.3214	2.96354
10200	5.5692	-4.6537	3.0301	89.3806	36.3614	3.03299
10300	5.5855	-4.6677	3.0993	90.7604	37.3813	3.10230
10400	5.6010	-4.6814	3.1677	92.1167	38.3715	3.17095
10500	5.6158	-4.6946	3.2347	93.4353	39.3185	3.23813
10600	5.6297	-4.7074	3.2997	94.7064	40.2127	3.30326
10700	5.6426	-4.7196	3.3620	95.9201	41.0448	3.36575
10800	5.6547	-4.7312	3.4213	97.0693	41.8090	3.42514
10900	5.6658	-4.7422	3.4770	98.1473	42.4985	3.48101
11000	5.6760	-4.7526	3.5290	99.1513	43.1118	3.53314

LOG P=-2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.6853	-4.7625	3.5772	100.0807	43.6484	3.58140
11200	5.6937	-4.7717	3.6214	100.9348	44.1089	3.62569
11300	5.7014	-4.7804	3.6618	101.7157	44.4959	3.66608
11400	5.7083	-4.7885	3.6983	102.4265	44.8135	3.70268
11500	5.7146	-4.7962	3.7313	103.0722	45.0664	3.73570
11600	5.7202	-4.8033	3.7609	103.6556	45.2586	3.76530
11700	5.7252	-4.8101	3.7874	104.1831	45.3968	3.79177
11800	5.7298	-4.8165	3.8109	104.6590	45.4860	3.81533
11900	5.7339	-4.8226	3.8319	105.0888	45.5321	3.83627
12000	5.7376	-4.8283	3.8505	105.4776	45.5397	3.85486
12100	5.7409	-4.8338	3.8669	105.8287	45.5132	3.87129
12200	5.7440	-4.8390	3.8815	106.1472	45.4573	3.88582
12300	5.7467	-4.8439	3.8944	106.4365	45.3758	3.89866
12400	5.7493	-4.8487	3.9057	106.7001	45.2721	3.90999
12500	5.7516	-4.8533	3.9158	106.9413	45.1500	3.91999
12600	5.7537	-4.8578	3.9246	107.1624	45.0124	3.92882
12700	5.7557	-4.8621	3.9325	107.3663	44.8607	3.93661
12800	5.7575	-4.8662	3.9394	107.5548	44.6977	3.94348
12900	5.7592	-4.8703	3.9455	107.7301	44.5260	3.94957
13000	5.7608	-4.8742	3.9510	107.8934	44.3460	3.95495
13100	5.7623	-4.8781	3.9558	108.0462	44.1603	3.95970
13200	5.7637	-4.8819	3.9600	108.1901	43.9689	3.96392
13300	5.7651	-4.8856	3.9638	108.3262	43.7736	3.96766
13400	5.7664	-4.8892	3.9672	108.4551	43.5758	3.97099
13500	5.7676	-4.8928	3.9702	108.5780	43.3751	3.97395
13600	5.7688	-4.8962	3.9729	108.6955	43.1731	3.97659
13700	5.7699	-4.8997	3.9753	108.8082	42.9704	3.97895
13800	5.7710	-4.9031	3.9775	108.9165	42.7670	3.98105
13900	5.7721	-4.9064	3.9794	109.0212	42.5636	3.98295
14000	5.7733	-4.9097	3.9811	109.1426	42.3807	3.98466
14100	5.7741	-4.9130	3.9827	109.2215	42.1589	3.98620
14200	5.7751	-4.9162	3.9842	109.3179	41.9579	3.98761
14300	5.7761	-4.9194	3.9855	109.4120	41.7584	3.98888
14400	5.7770	-4.9226	3.9867	109.5044	41.5605	3.99007
14500	5.7780	-4.9257	3.9879	109.5952	41.3639	3.99115
14600	5.7789	-4.9288	3.9889	109.6847	41.1699	3.99217
14700	5.7799	-4.9319	3.9899	109.7733	40.9781	3.99313
14800	5.7808	-4.9349	3.9909	109.8612	40.7890	3.99405
14900	5.7817	-4.9380	3.9918	109.9483	40.6020	3.99494
15000	5.7827	-4.9410	3.9927	110.0354	40.4181	3.99581

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-2.0636	1.0000	24.9605	3.4901	1.00000
200	2.8445	-2.3646	1.0000	27.3872	3.4955	1.00000
300	3.0211	-2.5407	1.0000	28.8070	3.4990	1.00000
400	3.1470	-2.6657	1.0000	29.8163	3.5072	1.00000
500	3.2450	-2.7626	1.0000	30.6051	3.5156	1.00000
600	3.3251	-2.8418	1.0000	31.2590	3.5232	1.00000
700	3.3930	-2.9087	1.0000	31.8230	3.5310	1.00000
800	3.4552	-2.9667	1.0000	32.3223	3.5655	1.00000
900	3.5098	-3.0178	1.0000	32.7721	3.5938	1.00000
1000	3.5589	-3.0638	1.0000	33.1831	3.6218	1.00000
1100	3.6039	-3.1052	1.0000	33.5600	3.6521	1.00000

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-3.1430	1.0000	33.9093	3.6823	1.00000
1300	3.6835	-3.1777	1.0000	34.2349	3.7120	1.00000
1400	3.7191	-3.2099	1.0000	34.5397	3.7406	1.00000
1500	3.7522	-3.2399	1.0000	34.8262	3.7681	1.00000
1600	3.7832	-3.2679	1.0000	35.0964	3.7942	1.00000
1700	3.8124	-3.2942	1.0000	35.3520	3.8191	1.00000
1800	3.8399	-3.3191	1.0000	35.5945	3.8427	1.00000
1900	3.8659	-3.3425	1.0000	35.8252	3.8650	1.00000
2000	3.8918	-3.3646	1.0000	36.0577	3.8973	1.00000
2100	3.9153	-3.3858	1.0000	36.2693	3.9179	1.00000
2200	3.9377	-3.4060	1.0000	36.4718	3.9384	1.00000
2300	3.9591	-3.4253	1.0000	36.6661	3.9567	1.00000
2400	3.9795	-3.4438	1.0000	36.8528	3.9743	1.00000
2500	3.9991	-3.4615	1.0000	37.0324	3.9920	1.00000
2600	4.0179	-3.4786	1.0000	37.2055	4.0081	1.00001
2700	4.0359	-3.4950	1.0000	37.3727	4.0233	1.00001
2800	4.0534	-3.5108	1.0000	37.5346	4.0391	1.00003
2900	4.0703	-3.5260	1.0001	37.6917	4.0542	1.00006
3000	4.0866	-3.5408	1.0001	37.8449	4.0693	1.00012
3100	4.1027	-3.5551	1.0002	37.9953	4.0864	1.00023
3200	4.1184	-3.5689	1.0004	38.1438	4.1046	1.00041
3300	4.1341	-3.5824	1.0007	38.2923	4.1264	1.00071
3400	4.1499	-3.5956	1.0012	38.4429	4.1540	1.00120
3500	4.1661	-3.6085	1.0020	38.5986	4.1882	1.00196
3600	4.1831	-3.6213	1.0031	38.7627	4.2341	1.00310
3700	4.2011	-3.6339	1.0048	38.9404	4.2944	1.00481
3800	4.2209	-3.6465	1.0073	39.1374	4.3765	1.00728
3900	4.2428	-3.6593	1.0108	39.3609	4.4849	1.01079
4000	4.2675	-3.6724	1.0157	39.6198	4.6280	1.01567
4100	4.2955	-3.6860	1.0224	39.9248	4.8166	1.02238
4200	4.3275	-3.7003	1.0314	40.2883	5.0611	1.03140
4300	4.3640	-3.7155	1.0434	40.7255	5.3763	1.04341
4400	4.4049	-3.7320	1.0591	41.2518	5.7742	1.05907
4500	4.4508	-3.7500	1.0793	41.8874	6.2752	1.07931
4600	4.5012	-3.7697	1.1050	42.6502	6.8931	1.10499
4700	4.5556	-3.7915	1.1371	43.5609	7.6474	1.13714
4800	4.6135	-3.8155	1.1768	44.6385	8.5548	1.17675
4900	4.6736	-3.8418	1.2247	45.8966	9.6260	1.22466
5000	4.7348	-3.8702	1.2812	47.3365	10.8590	1.28120
5100	4.7957	-3.9004	1.3467	48.9546	12.2500	1.34667
5200	4.8542	-3.9315	1.4189	50.7041	13.7469	1.41889
5300	4.9089	-3.9628	1.4959	52.5329	15.2992	1.49594
5400	4.9585	-3.9931	1.5744	54.3634	16.8296	1.57441
5500	5.0017	-4.0215	1.6503	56.1099	18.2540	1.65034
5600	5.0382	-4.0473	1.7200	57.6965	19.5003	1.72003
5700	5.0681	-4.0701	1.7809	59.0738	20.5227	1.78085
5800	5.0920	-4.0899	1.8316	60.2241	21.3088	1.83163
5900	5.1108	-4.1069	1.8725	61.1577	21.8726	1.87251
6000	5.1254	-4.1216	1.9046	61.9026	22.2459	1.90455
6100	5.1368	-4.1343	1.9292	62.4922	22.4656	1.92916
6200	5.1459	-4.1456	1.9480	62.9626	22.5697	1.94796
6300	5.1532	-4.1557	1.9623	63.3439	22.5895	1.96231
6400	5.1593	-4.1650	1.9734	63.6604	22.5505	1.97338
6500	5.1646	-4.1736	1.9821	63.9313	22.4722	1.98207
6600	5.1692	-4.1818	1.9891	64.1707	22.3693	1.98908

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1735	-4.1896	1.9949	64.3900	22.2528	1.99496
6800	5.1775	-4.1972	2.0001	64.5970	22.1311	2.00010
6900	5.1815	-4.2045	2.0048	64.7984	22.0103	2.00485
7000	5.1855	-4.2118	2.0094	64.9994	21.8954	2.00946
7100	5.1895	-4.2189	2.0141	65.2035	21.7897	2.01411
7200	5.1937	-4.2261	2.0190	65.4147	21.6969	2.01901
7300	5.1982	-4.2332	2.0243	65.6358	21.6192	2.02429
7400	5.2029	-4.2403	2.0300	65.8696	21.5592	2.03009
7500	5.2079	-4.2475	2.0365	66.1187	21.5192	2.03655
7600	5.2133	-4.2548	2.0437	66.3858	21.5013	2.04380
7700	5.2191	-4.2622	2.0519	66.6731	21.5079	2.05197
7800	5.2254	-4.2698	2.0611	66.9833	21.5404	2.06118
7900	5.2321	-4.2775	2.0714	67.3188	21.6010	2.07156
8000	5.2394	-4.2854	2.0831	67.6825	21.6924	2.08328
8100	5.2473	-4.2935	2.0963	68.0767	21.8165	2.09645
8200	5.2558	-4.3019	2.1110	68.5042	21.9754	2.11124
8300	5.2649	-4.3106	2.1275	68.9677	22.1714	2.12779
8400	5.2747	-4.3195	2.1460	69.4704	22.4073	2.14627
8500	5.2852	-4.3288	2.1665	70.0147	22.6848	2.16684
8600	5.2963	-4.3384	2.1892	70.6034	23.0063	2.18966
8700	5.3083	-4.3484	2.2144	71.2393	23.3742	2.21492
8800	5.3209	-4.3588	2.2422	71.9253	23.7906	2.24277
8900	5.3342	-4.3695	2.2727	72.6632	24.2570	2.27336
9000	5.3483	-4.3807	2.3061	73.4557	24.7757	2.30687
9100	5.3630	-4.3923	2.3426	74.3047	25.3477	2.34343
9200	5.3783	-4.4044	2.3821	75.2107	25.9733	2.38314
9300	5.3942	-4.4168	2.4250	76.1751	26.6535	2.42609
9400	5.4107	-4.4296	2.4711	77.1980	27.3875	2.47236
9500	5.4276	-4.4428	2.5204	78.2774	28.1729	2.52189
9600	5.4448	-4.4563	2.5731	79.4121	29.0082	2.57468
9700	5.4623	-4.4701	2.6288	80.5982	29.8888	2.63059
9800	5.4799	-4.4842	2.6874	81.8309	30.8103	2.68941
9900	5.4976	-4.4984	2.7487	83.1046	31.7662	2.75090
10000	5.5152	-4.5127	2.8123	84.4119	32.7493	2.81469
10100	5.5326	-4.5270	2.8777	85.7424	33.7490	2.88028
10200	5.5496	-4.5412	2.9444	87.0881	34.7568	2.94726
10300	5.5662	-4.5553	3.0119	88.4352	35.7599	3.01491
10400	5.5823	-4.5691	3.0795	89.7750	36.7496	3.08275
10500	5.5977	-4.5826	3.1466	91.0939	37.7123	3.15002
10600	5.6123	-4.5957	3.2125	92.3814	38.6382	3.21614
10700	5.6262	-4.6084	3.2766	93.6270	39.5165	3.28048
10800	5.6392	-4.6206	3.3385	94.8215	40.3396	3.34249
10900	5.6513	-4.6322	3.3975	95.9560	41.0990	3.40164
11000	5.6625	-4.6432	3.4533	97.0259	41.7905	3.45758
11100	5.6728	-4.6537	3.5056	98.0278	42.4113	3.51008
11200	5.6823	-4.6636	3.5543	98.9582	42.9588	3.55886
11300	5.6909	-4.6729	3.5993	99.8179	43.4345	3.60391
11400	5.6988	-4.6817	3.6405	100.6075	43.8398	3.64520
11500	5.7059	-4.6899	3.6781	101.3303	44.1780	3.68286
11600	5.7124	-4.6977	3.7122	101.9883	44.4527	3.71696
11700	5.7182	-4.7050	3.7429	102.5868	44.6682	3.74774
11800	5.7234	-4.7119	3.7706	103.1289	44.8296	3.77538
11900	5.7282	-4.7184	3.7953	103.6203	44.9422	3.80012
12000	5.7325	-4.7246	3.8174	104.0656	45.0109	3.82223
12100	5.7364	-4.7304	3.8371	104.4683	45.0400	3.84189

LOG P=-2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7399	-4.7359	3.8546	104.8335	45.0344	3.85937
12300	5.7431	-4.7412	3.8701	105.1649	44.9982	3.87489
12400	5.7460	-4.7463	3.8839	105.4664	44.9355	3.88864
12500	5.7487	-4.7511	3.8961	105.7415	44.8497	3.90082
12600	5.7511	-4.7558	3.9070	105.9928	44.7440	3.91162
12700	5.7534	-4.7603	3.9166	106.2237	44.6219	3.92117
12800	5.7554	-4.7647	3.9251	106.4359	44.4845	3.92963
12900	5.7573	-4.7689	3.9326	106.6325	44.3354	3.93712
13000	5.7591	-4.7730	3.9393	106.8147	44.1757	3.94376
13100	5.7608	-4.7769	3.9453	106.9841	44.0074	3.94964
13200	5.7624	-4.7808	3.9505	107.1430	43.8324	3.95487
13300	5.7639	-4.7846	3.9552	107.2921	43.6513	3.95951
13400	5.7653	-4.7883	3.9594	107.4326	43.4657	3.96363
13500	5.7666	-4.7920	3.9631	107.5659	43.2764	3.96731
13600	5.7679	-4.7955	3.9664	107.6925	43.0839	3.97059
13700	5.7691	-4.7991	3.9694	107.8131	42.8898	3.97351
13800	5.7702	-4.8025	3.9721	107.9287	42.6942	3.97613
13900	5.7714	-4.8059	3.9745	108.0397	42.4978	3.97847
14000	5.7727	-4.8092	3.9767	108.1665	42.3203	3.98059
14100	5.7735	-4.8126	3.9786	108.2502	42.1041	3.98249
14200	5.7746	-4.8158	3.9804	108.3507	41.9075	3.98421
14300	5.7756	-4.8190	3.9820	108.4484	41.7119	3.98577
14400	5.7766	-4.8222	3.9835	108.5441	41.5175	3.98720
14500	5.7776	-4.8254	3.9848	108.6375	41.3240	3.98850
14600	5.7785	-4.8285	3.9861	108.7290	41.1328	3.98970
14700	5.7795	-4.8316	3.9872	108.8194	40.9425	3.99083
14800	5.7804	-4.8347	3.9883	108.9085	40.7550	3.99188
14900	5.7814	-4.8377	3.9894	108.9965	40.5691	3.99288
15000	5.7823	-4.8407	3.9904	109.0838	40.3858	3.99383

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.9636	1.0000	24.7302	3.4901	1.00000
200	2.8445	-2.2646	1.0000	27.1569	3.4955	1.00000
300	3.0211	-2.4407	1.0000	28.5767	3.4990	1.00000
400	3.1470	-2.5657	1.0000	29.5860	3.5072	1.00000
500	3.2450	-2.6626	1.0000	30.3748	3.5156	1.00000
600	3.3251	-2.7418	1.0000	31.0287	3.5232	1.00000
700	3.3930	-2.8087	1.0000	31.5927	3.5310	1.00000
800	3.4552	-2.8667	1.0000	32.0920	3.5655	1.00000
900	3.5098	-2.9178	1.0000	32.5418	3.5938	1.00000
1000	3.5589	-2.9638	1.0000	32.9528	3.6218	1.00000
1100	3.6039	-3.0052	1.0000	33.3298	3.6521	1.00000
1200	3.6453	-3.0430	1.0000	33.6791	3.6824	1.00000
1300	3.6835	-3.0777	1.0000	34.0047	3.7120	1.00000
1400	3.7191	-3.1099	1.0000	34.3094	3.7406	1.00000
1500	3.7522	-3.1399	1.0000	34.5959	3.7681	1.00000
1600	3.7832	-3.1679	1.0000	34.8661	3.7942	1.00000
1700	3.8124	-3.1942	1.0000	35.1218	3.8191	1.00000
1800	3.8399	-3.2191	1.0000	35.3643	3.8427	1.00000
1900	3.8659	-3.2425	1.0000	35.5949	3.8650	1.00000
2000	3.8918	-3.2646	1.0000	35.8274	3.8973	1.00000
2100	3.9153	-3.2858	1.0000	36.0391	3.9179	1.00000
2200	3.9377	-3.3060	1.0000	36.2415	3.9384	1.00000

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-3.3253	1.0000	36.4359	3.9567	1.00000
2400	3.9795	-3.3438	1.0000	36.6225	3.9743	1.00000
2500	3.9991	-3.3615	1.0000	36.8021	3.9920	1.00000
2600	4.0179	-3.3786	1.0000	36.9753	4.0080	1.00001
2700	4.0359	-3.3950	1.0000	37.1424	4.0232	1.00001
2800	4.0534	-3.4108	1.0000	37.3042	4.0390	1.00003
2900	4.0703	-3.4260	1.0001	37.4612	4.0539	1.00005
3000	4.0866	-3.4408	1.0001	37.6142	4.0688	1.00010
3100	4.1026	-3.4551	1.0002	37.7640	4.0855	1.00020
3200	4.1182	-3.4689	1.0004	37.9118	4.1029	1.00037
3300	4.1338	-3.4824	1.0006	38.0591	4.1237	1.00064
3400	4.1495	-3.4955	1.0011	38.2079	4.1496	1.00107
3500	4.1654	-3.5084	1.0017	38.3607	4.1811	1.00174
3600	4.1819	-3.5211	1.0028	38.5208	4.2232	1.00277
3700	4.1994	-3.5337	1.0043	38.6926	4.2779	1.00429
3800	4.2185	-3.5462	1.0065	38.8813	4.3522	1.00649
3900	4.2394	-3.5588	1.0096	39.0932	4.4498	1.00961
4000	4.2628	-3.5717	1.0140	39.3364	4.5782	1.01397
4100	4.2892	-3.5850	1.0199	39.6204	4.7473	1.01994
4200	4.3193	-3.5988	1.0280	39.9563	4.9661	1.02799
4300	4.3535	-3.6136	1.0387	40.3577	5.2481	1.03870
4400	4.3919	-3.6293	1.0527	40.8383	5.6038	1.05267
4500	4.4351	-3.6465	1.0707	41.4166	6.0519	1.07073
4600	4.4826	-3.6653	1.0937	42.1088	6.6049	1.09368
4700	4.5343	-3.6859	1.1225	42.9343	7.2811	1.12246
4800	4.5896	-3.7086	1.1580	43.9119	8.0971	1.15804
4900	4.6476	-3.7334	1.2013	45.0564	9.0651	1.20127
5000	4.7071	-3.7604	1.2527	46.3737	10.1880	1.25267
5100	4.7671	-3.7894	1.3128	47.9671	11.4690	1.31283
5200	4.8256	-3.8196	1.3802	49.5055	12.8709	1.38024
5300	4.8813	-3.8503	1.4536	51.2509	14.3566	1.45361
5400	4.9328	-3.8807	1.5302	53.0393	15.8623	1.53023
5500	4.9787	-3.9098	1.6065	54.7928	17.3114	1.60654
5600	5.0184	-3.9368	1.6788	56.4339	18.6286	1.67884
5700	5.0516	-3.9610	1.7440	57.9010	19.7556	1.74401
5800	5.0786	-3.9823	1.8001	59.1591	20.6616	1.80008
5900	5.1001	-4.0008	1.8464	60.2022	21.3447	1.84640
6000	5.1171	-4.0167	1.8835	61.0467	21.8257	1.88349
6100	5.1304	-4.0305	1.9125	61.7207	22.1365	1.91245
6200	5.1410	-4.0426	1.9348	62.2594	22.3136	1.93482
6300	5.1494	-4.0534	1.9520	62.6935	22.3898	1.95200
6400	5.1563	-4.0632	1.9652	63.0498	22.3935	1.96525
6500	5.1621	-4.0722	1.9756	63.3495	22.3462	1.97557
6600	5.1672	-4.0806	1.9838	63.6093	22.2654	1.98378
6700	5.1717	-4.0886	1.9905	63.8420	22.1637	1.99050
6800	5.1759	-4.0963	1.9962	64.0570	22.0512	1.99622
6900	5.1800	-4.1038	2.0013	64.2619	21.9350	2.00131
7000	5.1840	-4.1110	2.0061	64.4625	21.8210	2.00607
7100	5.1880	-4.1182	2.0107	64.6633	21.7130	2.01073
7200	5.1921	-4.1253	2.0154	64.8682	21.6148	2.01547
7300	5.1964	-4.1324	2.0204	65.0804	21.5295	2.02048
7400	5.2008	-4.1394	2.0258	65.3026	21.4593	2.02589
7500	5.2056	-4.1465	2.0318	65.5376	21.4064	2.03184
7600	5.2107	-4.1537	2.0384	65.7879	21.3736	2.03844
7700	5.2161	-4.1609	2.0458	66.0556	21.3619	2.04584

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.2220	-4.1683	2.0541	66.3432	21.3739	2.05414
7900	5.2283	-4.1758	2.0634	66.6532	21.4114	2.06348
8000	5.2351	-4.1835	2.0738	66.9879	21.4764	2.07399
8100	5.2423	-4.1913	2.0856	67.3496	21.5706	2.08578
8200	5.2502	-4.1994	2.0988	67.7409	21.6965	2.09901
8300	5.2586	-4.2077	2.1136	68.1642	21.8559	2.11381
8400	5.2677	-4.2163	2.1301	68.6225	22.0514	2.13034
8500	5.2774	-4.2251	2.1484	69.1178	22.2846	2.14873
8600	5.2878	-4.2343	2.1688	69.6531	22.5575	2.16914
8700	5.2988	-4.2438	2.1913	70.2307	22.8726	2.19175
8800	5.3106	-4.2537	2.2161	70.8534	23.2320	2.21668
8900	5.3230	-4.2639	2.2435	71.5232	23.6371	2.24412
9000	5.3361	-4.2745	2.2735	72.2426	24.0900	2.27419
9100	5.3498	-4.2855	2.3062	73.0139	24.5922	2.30706
9200	5.3642	-4.2970	2.3419	73.8379	25.1446	2.34283
9300	5.3792	-4.3088	2.3805	74.7163	25.7480	2.38162
9400	5.3948	-4.3210	2.4223	75.6499	26.4026	2.42352
9500	5.4108	-4.3335	2.4672	76.6377	27.1074	2.46854
9600	5.4273	-4.3464	2.5152	77.6798	27.8617	2.51672
9700	5.4441	-4.3597	2.5662	78.7736	28.6625	2.56800
9800	5.4611	-4.3732	2.6203	79.9159	29.5066	2.62224
9900	5.4784	-4.3869	2.6772	81.1033	30.3901	2.67933
10000	5.4956	-4.4008	2.7366	82.3302	31.3064	2.73899
10100	5.5128	-4.4148	2.7983	83.5892	32.2496	2.80088
10200	5.5299	-4.4288	2.8618	84.8734	33.2111	2.86466
10300	5.5466	-4.4428	2.9267	86.1717	34.1804	2.92977
10400	5.5630	-4.4567	2.9925	87.4762	35.1499	2.99577
10500	5.5788	-4.4703	3.0585	88.7748	36.1072	3.06202
10600	5.5940	-4.4836	3.1242	90.0576	37.0429	3.12795
10700	5.6086	-4.4966	3.1890	91.3134	37.9465	3.19294
10800	5.6224	-4.5092	3.2523	92.5330	38.8092	3.25644
10900	5.6354	-4.5213	3.3135	93.7061	39.6211	3.31785
11000	5.6475	-4.5329	3.3723	94.8264	40.3763	3.37675
11100	5.6588	-4.5440	3.4281	95.8883	41.0695	3.43277
11200	5.6693	-4.5545	3.4808	96.8862	41.6966	3.48553
11300	5.6790	-4.5645	3.5300	97.8184	42.2558	3.53488
11400	5.6878	-4.5739	3.5757	98.6834	42.7462	3.58068
11500	5.6959	-4.5828	3.6179	99.4826	43.1696	3.62293
11600	5.7032	-4.5911	3.6565	100.2162	43.5279	3.66161
11700	5.7099	-4.5990	3.6917	100.8881	43.8250	3.69687
11800	5.7160	-4.6064	3.7236	101.5002	44.0634	3.72880
11900	5.7214	-4.6135	3.7524	102.0575	44.2479	3.75763
12000	5.7264	-4.6201	3.7783	102.5649	44.3846	3.78360
12100	5.7309	-4.6264	3.8016	103.0249	44.4759	3.80685
12200	5.7350	-4.6323	3.8224	103.4427	44.5272	3.82766
12300	5.7387	-4.6380	3.8410	103.8223	44.5437	3.84625
12400	5.7421	-4.6433	3.8576	104.1675	44.5280	3.86280
12500	5.7451	-4.6485	3.8724	104.4821	44.4849	3.87754
12600	5.7479	-4.6534	3.8855	104.7690	44.4178	3.89063
12700	5.7505	-4.6582	3.8972	105.0319	44.3299	3.90229
12800	5.7529	-4.6627	3.9076	105.2728	44.2234	3.91263
12900	5.7550	-4.6671	3.9168	105.4950	44.1017	3.92183
13000	5.7571	-4.6714	3.9250	105.6999	43.9667	3.92999
13100	5.7589	-4.6755	3.9324	105.8898	43.8203	3.93724
13200	5.7607	-4.6795	3.9389	106.0666	43.6646	3.94370

LOG P=-2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7623	-4.6835	3.9446	106.2318	43.5006	3.94943
13400	5.7639	-4.6873	3.9498	106.3866	43.3306	3.95454
13500	5.7654	-4.6910	3.9544	106.5325	43.1547	3.95910
13600	5.7668	-4.6947	3.9585	106.6704	42.9747	3.96317
13700	5.7681	-4.6983	3.9622	106.8011	42.7912	3.96679
13800	5.7693	-4.7018	3.9655	106.9255	42.6049	3.97004
13900	5.7706	-4.7052	3.9685	107.0443	42.4171	3.97295
14000	5.7719	-4.7087	3.9712	107.1780	42.2473	3.97556
14100	5.7729	-4.7120	3.9736	107.2679	42.0373	3.97791
14200	5.7740	-4.7153	3.9757	107.3738	41.8467	3.98003
14300	5.7750	-4.7186	3.9777	107.4761	41.6562	3.98195
14400	5.7761	-4.7218	3.9795	107.5759	41.4662	3.98369
14500	5.7771	-4.7250	3.9812	107.6728	41.2765	3.98527
14600	5.7781	-4.7281	3.9827	107.7673	41.0884	3.98672
14700	5.7791	-4.7312	3.9840	107.8602	40.9011	3.98806
14800	5.7800	-4.7343	3.9853	107.9512	40.7157	3.98930
14900	5.7810	-4.7374	3.9865	108.0408	40.5316	3.99045
15000	5.7819	-4.7404	3.9877	108.1294	40.3496	3.99154

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.8636	1.0000	24.5000	3.4901	1.00000
200	2.8445	-2.1646	1.0000	26.9267	3.4955	1.00000
300	3.0211	-2.3407	1.0000	28.3464	3.4990	1.00000
400	3.1470	-2.4657	1.0000	29.3558	3.5072	1.00000
500	3.2450	-2.5626	1.0000	30.1446	3.5156	1.00000
600	3.3251	-2.6418	1.0000	30.7985	3.5232	1.00000
700	3.3930	-2.7087	1.0000	31.3625	3.5310	1.00000
800	3.4552	-2.7667	1.0000	31.8618	3.5655	1.00000
900	3.5098	-2.8178	1.0000	32.3115	3.5938	1.00000
1000	3.5589	-2.8638	1.0000	32.7226	3.6218	1.00000
1100	3.6039	-2.9052	1.0000	33.0995	3.6521	1.00000
1200	3.6453	-2.9430	1.0000	33.4488	3.6823	1.00000
1300	3.6835	-2.9777	1.0000	33.7744	3.7120	1.00000
1400	3.7191	-3.0099	1.0000	34.0792	3.7406	1.00000
1500	3.7522	-3.0399	1.0000	34.3656	3.7681	1.00000
1600	3.7832	-3.0679	1.0000	34.6358	3.7942	1.00000
1700	3.8124	-3.0942	1.0000	34.8915	3.8191	1.00000
1800	3.8399	-3.1191	1.0000	35.1340	3.8427	1.00000
1900	3.8659	-3.1425	1.0000	35.3647	3.8650	1.00000
2000	3.8918	-3.1646	1.0000	35.5971	3.8973	1.00000
2100	3.9153	-3.1858	1.0000	35.8088	3.9179	1.00000
2200	3.9377	-3.2060	1.0000	36.0112	3.9384	1.00000
2300	3.9591	-3.2253	1.0000	36.2056	3.9567	1.00000
2400	3.9795	-3.2438	1.0000	36.3923	3.9743	1.00000
2500	3.9991	-3.2615	1.0000	36.5719	3.9920	1.00000
2600	4.0179	-3.2786	1.0000	36.7449	4.0080	1.00000
2700	4.0359	-3.2950	1.0000	36.9121	4.0232	1.00001
2800	4.0534	-3.3108	1.0000	37.0738	4.0389	1.00002
2900	4.0702	-3.3260	1.0001	37.2307	4.0537	1.00004
3000	4.0865	-3.3408	1.0001	37.3834	4.0683	1.00009
3100	4.1025	-3.3550	1.0002	37.5329	4.0846	1.00018
3200	4.1181	-3.3689	1.0003	37.6800	4.1015	1.00033
3300	4.1335	-3.3824	1.0006	37.8263	4.1213	1.00057

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1491	-3.3955	1.0010	37.9734	4.1456	1.00095
3500	4.1647	-3.4083	1.0016	38.1238	4.1748	1.00155
3600	4.1809	-3.4210	1.0025	38.2802	4.2134	1.00247
3700	4.1979	-3.4335	1.0038	38.4468	4.2632	1.00382
3800	4.2163	-3.4459	1.0058	38.6280	4.3305	1.00578
3900	4.2363	-3.4584	1.0086	38.8296	4.4186	1.00857
4000	4.2585	-3.4710	1.0125	39.0587	4.5339	1.01245
4100	4.2835	-3.4840	1.0178	39.3240	4.6856	1.01777
4200	4.3118	-3.4976	1.0249	39.6352	4.8814	1.02495
4300	4.3439	-3.5118	1.0345	40.0046	5.1338	1.03449
4400	4.3800	-3.5270	1.0470	40.4446	5.4518	1.04695
4500	4.4206	-3.5434	1.0631	40.9716	5.8525	1.06307
4600	4.4653	-3.5612	1.0836	41.6005	6.3471	1.08356
4700	4.5143	-3.5807	1.1093	42.3492	6.9529	1.10931
4800	4.5669	-3.6022	1.1412	43.2356	7.6854	1.14122
4900	4.6226	-3.6257	1.1801	44.2753	8.5581	1.18013
5000	4.6802	-3.6513	1.2267	45.4770	9.5767	1.22669
5100	4.7390	-3.6789	1.2817	46.8488	10.7493	1.28167
5200	4.7970	-3.7080	1.3440	48.3714	12.0502	1.34404
5300	4.8531	-3.7381	1.4131	50.0188	13.4546	1.41310
5400	4.9060	-3.7683	1.4868	51.7420	14.9128	1.48681
5500	4.9541	-3.7977	1.5622	53.4744	16.3584	1.56221
5600	4.9966	-3.8255	1.6358	55.1423	17.7189	1.63583
5700	5.0330	-3.8510	1.7043	56.6768	18.9285	1.70427
5800	5.0632	-3.8738	1.7650	58.0294	19.9426	1.76498
5900	5.0877	-3.8937	1.8166	59.1785	20.7433	1.81658
6000	5.1073	-3.9110	1.8589	60.1271	21.3374	1.85894
6100	5.1227	-3.9260	1.8927	60.8939	21.7479	1.89267
6200	5.1350	-3.9391	1.9191	61.5101	22.0081	1.91909
6300	5.1447	-3.9506	1.9396	62.0062	22.1506	1.93958
6400	5.1526	-3.9610	1.9554	62.4103	22.2054	1.95543
6500	5.1592	-3.9705	1.9677	62.7457	22.1964	1.96775
6600	5.1648	-3.9792	1.9774	63.0315	22.1435	1.97746
6700	5.1697	-3.9875	1.9853	63.2823	22.0617	1.98528
6800	5.1742	-3.9953	1.9918	63.5091	21.9625	1.99177
6900	5.1784	-4.0029	1.9974	63.7208	21.8543	1.99738
7000	5.1824	-4.0103	2.0024	63.9241	21.7440	2.00244
7100	5.1864	-4.0174	2.0072	64.1241	21.6363	2.00722
7200	5.1905	-4.0246	2.0119	64.3251	21.5354	2.01194
7300	5.1946	-4.0316	2.0168	64.5306	21.4444	2.01679
7400	5.1990	-4.0386	2.0219	64.7435	21.3661	2.02190
7500	5.2035	-4.0456	2.0274	64.9667	21.3030	2.02744
7600	5.2083	-4.0527	2.0335	65.2024	21.2569	2.03351
7700	5.2134	-4.0598	2.0402	65.4531	21.2299	2.04024
7800	5.2189	-4.0670	2.0477	65.7210	21.2241	2.04776
7900	5.2248	-4.0743	2.0561	66.0084	21.2408	2.05618
8000	5.2311	-4.0817	2.0655	66.3174	21.2827	2.06562
8100	5.2379	-4.0893	2.0760	66.6504	21.3507	2.07620
8200	5.2452	-4.0971	2.0879	67.0094	21.4472	2.08805
8300	5.2530	-4.1051	2.1011	67.3970	21.5742	2.10129
8400	5.2614	-4.1134	2.1158	67.8155	21.7333	2.11608
8500	5.2704	-4.1218	2.1322	68.2671	21.9267	2.13253
8600	5.2800	-4.1306	2.1504	68.7545	22.1562	2.15078
8700	5.2902	-4.1397	2.1706	69.2797	22.4238	2.17100
8800	5.3011	-4.1491	2.1928	69.8456	22.7317	2.19333

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.3126	-4.1588	2.2173	70.4539	23.0812	2.21790
9000	5.3248	-4.1689	2.2442	71.1071	23.4742	2.24485
9100	5.3377	-4.1793	2.2736	71.8075	23.9129	2.27437
9200	5.3511	-4.1902	2.3056	72.5562	24.3976	2.30653
9300	5.3652	-4.2014	2.3404	73.3551	24.9298	2.34147
9400	5.3799	-4.2130	2.3781	74.2055	25.5106	2.37930
9500	5.3950	-4.2249	2.4187	75.1072	26.1394	2.42007
9600	5.4107	-4.2372	2.4623	76.0610	26.8159	2.46385
9700	5.4267	-4.2499	2.5089	77.0653	27.5386	2.51064
9800	5.4431	-4.2628	2.5585	78.1186	28.3054	2.56037
9900	5.4597	-4.2760	2.6109	79.2187	29.1140	2.61299
10000	5.4765	-4.2895	2.6660	80.3618	29.9601	2.66834
10100	5.4934	-4.3031	2.7236	81.5419	30.8376	2.72613
10200	5.5102	-4.3168	2.7834	82.7545	31.7419	2.78617
10300	5.5269	-4.3305	2.8450	83.9903	32.6635	2.84801
10400	5.5433	-4.3442	2.9080	85.2435	33.5968	2.91131
10500	5.5594	-4.3578	2.9720	86.5037	34.5308	2.97554
10600	5.5750	-4.3713	3.0364	87.7620	35.4572	3.04020
10700	5.5901	-4.3844	3.1007	89.0078	36.3660	3.10472
10800	5.6045	-4.3973	3.1644	90.2321	37.2477	3.16856
10900	5.6183	-4.4098	3.2267	91.4243	38.0928	3.23114
11000	5.6313	-4.4218	3.2873	92.5768	38.8938	3.29194
11100	5.6435	-4.4334	3.3457	93.6823	39.6438	3.35055
11200	5.6549	-4.4445	3.4015	94.7337	40.3365	3.40649
11300	5.6655	-4.4550	3.4543	95.7271	40.9685	3.45949
11400	5.6753	-4.4651	3.5040	96.6592	41.5376	3.50931
11500	5.6844	-4.4746	3.5504	97.5292	42.0424	3.55583
11600	5.6927	-4.4836	3.5934	98.3354	42.4827	3.59891
11700	5.7003	-4.4921	3.6331	99.0802	42.8612	3.63863
11800	5.7072	-4.5001	3.6693	99.7643	43.1793	3.67498
11900	5.7135	-4.5076	3.7025	100.3917	43.4412	3.70814
12000	5.7192	-4.5148	3.7325	100.9654	43.6503	3.73825
12100	5.7244	-4.5215	3.7597	101.4881	43.8101	3.76544
12200	5.7291	-4.5279	3.7842	101.9646	43.9254	3.78996
12300	5.7334	-4.5340	3.8063	102.3982	44.0003	3.81199
12400	5.7373	-4.5398	3.8260	102.7932	44.0385	3.83173
12500	5.7408	-4.5453	3.8437	103.1532	44.0443	3.84941
12600	5.7440	-4.5505	3.8595	103.4814	44.0221	3.86519
12700	5.7470	-4.5555	3.8737	103.7817	43.9743	3.87930
12800	5.7497	-4.5603	3.8863	104.0565	43.9045	3.89187
12900	5.7522	-4.5650	3.8975	104.3089	43.8150	3.90307
13000	5.7545	-4.5695	3.9076	104.5410	43.7093	3.91306
13100	5.7567	-4.5738	3.9165	104.7553	43.5893	3.92195
13200	5.7586	-4.5780	3.9245	104.9539	43.4569	3.92988
13300	5.7605	-4.5820	3.9316	105.1386	43.3145	3.93694
13400	5.7622	-4.5860	3.9380	105.3108	43.1626	3.94325
13500	5.7638	-4.5898	3.9437	105.4721	43.0034	3.94888
13600	5.7654	-4.5936	3.9488	105.6239	42.8385	3.95392
13700	5.7668	-4.5973	3.9533	105.7669	42.6682	3.95841
13800	5.7682	-4.6009	3.9574	105.9022	42.4935	3.96243
13900	5.7695	-4.6044	3.9611	106.0308	42.3162	3.96604
14000	5.7710	-4.6079	3.9644	106.1731	42.1555	3.96928
14100	5.7720	-4.6113	3.9673	106.2708	41.9543	3.97219
14200	5.7732	-4.6147	3.9700	106.3836	41.7711	3.97482
14300	5.7743	-4.6180	3.9725	106.4920	41.5872	3.97719

LOG P=-2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7754	-4.6213	3.9747	106.5971	41.4032	3.97933
14500	5.7765	-4.6245	3.9767	106.6985	41.2183	3.98127
14600	5.7775	-4.6277	3.9785	106.7972	41.0345	3.98304
14700	5.7785	-4.6308	3.9802	106.8936	40.8517	3.98467
14800	5.7795	-4.6339	3.9817	106.9877	40.6695	3.98615
14900	5.7805	-4.6370	3.9831	107.0798	40.4882	3.98752
15000	5.7815	-4.6401	3.9845	107.1703	40.3088	3.98880

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.7636	1.0000	24.2697	3.4902	1.00000
200	2.8445	-2.0646	1.0000	26.6964	3.4955	1.00000
300	3.0211	-2.2407	1.0000	28.1162	3.4990	1.00000
400	3.1470	-2.3657	1.0000	29.1255	3.5072	1.00000
500	3.2450	-2.4626	1.0000	29.9143	3.5156	1.00000
600	3.3251	-2.5417	1.0000	30.5682	3.5232	1.00000
700	3.3930	-2.6087	1.0000	31.1322	3.5310	1.00000
800	3.4552	-2.6667	1.0000	31.6315	3.5655	1.00000
900	3.5098	-2.7178	1.0000	32.0813	3.5938	1.00000
1000	3.5589	-2.7638	1.0000	32.4923	3.6218	1.00000
1100	3.6039	-2.8052	1.0000	32.8692	3.6521	1.00000
1200	3.6453	-2.8430	1.0000	33.2186	3.6824	1.00000
1300	3.6835	-2.8777	1.0000	33.5441	3.7120	1.00000
1400	3.7191	-2.9099	1.0000	33.8489	3.7406	1.00000
1500	3.7522	-2.9399	1.0000	34.1354	3.7680	1.00000
1600	3.7832	-2.9679	1.0000	34.4056	3.7942	1.00000
1700	3.8124	-2.9942	1.0000	34.6612	3.8191	1.00000
1800	3.8399	-3.0191	1.0000	34.9038	3.8427	1.00000
1900	3.8659	-3.0425	1.0000	35.1344	3.8650	1.00000
2000	3.8918	-3.0646	1.0000	35.3669	3.8973	1.00000
2100	3.9153	-3.0858	1.0000	35.5785	3.9179	1.00000
2200	3.9377	-3.1060	1.0000	35.7810	3.9384	1.00000
2300	3.9591	-3.1253	1.0000	35.9754	3.9567	1.00000
2400	3.9795	-3.1438	1.0000	36.1620	3.9743	1.00000
2500	3.9991	-3.1615	1.0000	36.3416	3.9920	1.00000
2600	4.0179	-3.1786	1.0000	36.5146	4.0080	1.00000
2700	4.0359	-3.1950	1.0000	36.6818	4.0231	1.00001
2800	4.0534	-3.2108	1.0000	36.8435	4.0387	1.00002
2900	4.0702	-3.2260	1.0000	37.0002	4.0535	1.00004
3000	4.0865	-3.2408	1.0001	37.1528	4.0679	1.00008
3100	4.1024	-3.2550	1.0002	37.3019	4.0839	1.00016
3200	4.1180	-3.2689	1.0003	37.4484	4.1002	1.00029
3300	4.1333	-3.2823	1.0005	37.5937	4.1191	1.00050
3400	4.1487	-3.2955	1.0008	37.7394	4.1421	1.00085
3500	4.1641	-3.3083	1.0014	37.8876	4.1692	1.00138
3600	4.1800	-3.3209	1.0022	38.0408	4.2047	1.00220
3700	4.1966	-3.3333	1.0034	38.2026	4.2501	1.00340
3800	4.2144	-3.3456	1.0052	38.3772	4.3112	1.00515
3900	4.2336	-3.3580	1.0076	38.5696	4.3907	1.00764
4000	4.2547	-3.3705	1.0111	38.7862	4.4944	1.01110
4100	4.2784	-3.3832	1.0158	39.0349	4.6305	1.01584
4200	4.3050	-3.3964	1.0222	39.3241	4.8060	1.02224
4300	4.3352	-3.4102	1.0307	39.6650	5.0319	1.03074
4400	4.3691	-3.4249	1.0419	40.0687	5.3163	1.04186

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.4071	-3.4406	1.0562	40.5498	5.6746	1.05623
4600	4.4493	-3.4576	1.0745	41.1218	6.1169	1.07453
4700	4.4955	-3.4761	1.0975	41.8014	6.6592	1.09754
4800	4.5455	-3.4964	1.1261	42.6053	7.3162	1.12612
4900	4.5988	-3.5187	1.1611	43.5488	8.1013	1.16108
5000	4.6543	-3.5429	1.2031	44.6426	9.0220	1.20310
5100	4.7114	-3.5692	1.2531	45.8973	10.0897	1.25309
5200	4.7686	-3.5970	1.3104	47.3031	11.2878	1.31040
5300	4.8247	-3.6261	1.3748	48.8447	12.6017	1.37479
5400	4.8783	-3.6558	1.4448	50.4861	13.9941	1.44484
5500	4.9282	-3.6853	1.5182	52.1723	15.4108	1.51818
5600	4.9731	-3.7137	1.5918	53.8388	16.7864	1.59176
5700	5.0125	-3.7402	1.6623	55.4153	18.0544	1.66228
5800	5.0458	-3.7643	1.7268	56.8451	19.1602	1.72679
5900	5.0734	-3.7857	1.7833	58.0919	20.0709	1.78327
6000	5.0958	-3.8044	1.8309	59.1439	20.7785	1.83086
6100	5.1136	-3.8207	1.8696	60.0078	21.2950	1.86958
6200	5.1278	-3.8349	1.9005	60.7093	21.6471	1.90046
6300	5.1391	-3.8473	1.9247	61.2762	21.8657	1.92472
6400	5.1482	-3.8584	1.9436	61.7365	21.9807	1.94362
6500	5.1557	-3.8684	1.9583	62.1154	22.0182	1.95835
6600	5.1620	-3.8776	1.9699	62.4336	22.0004	1.96991
6700	5.1674	-3.8861	1.9791	62.7079	21.9439	1.97912
6800	5.1722	-3.8942	1.9866	62.9511	21.8626	1.98662
6900	5.1766	-3.9019	1.9929	63.1732	21.7662	1.99294
7000	5.1808	-3.9094	1.9985	63.3822	21.6627	1.99846
7100	5.1849	-3.9166	2.0035	63.5840	21.5580	2.00352
7200	5.1889	-3.9238	2.0083	63.7836	21.4568	2.00832
7300	5.1930	-3.9308	2.0131	63.9846	21.3624	2.01312
7400	5.1972	-3.9378	2.0180	64.1905	21.2782	2.01805
7500	5.2015	-3.9447	2.0232	64.4040	21.2067	2.02327
7600	5.2061	-3.9517	2.0289	64.6276	21.1497	2.02891
7700	5.2110	-3.9587	2.0350	64.8637	21.1096	2.03509
7800	5.2161	-3.9657	2.0419	65.1145	21.0882	2.04194
7900	5.2216	-3.9729	2.0495	65.3821	21.0871	2.04957
8000	5.2275	-3.9801	2.0580	65.6686	21.1084	2.05808
8100	5.2339	-3.9875	2.0674	65.9760	21.1531	2.06759
8200	5.2406	-3.9951	2.0780	66.3066	21.2239	2.07822
8300	5.2479	-4.0028	2.0899	66.6623	21.3219	2.09008
8400	5.2557	-4.0107	2.1031	67.0453	21.4486	2.10331
8500	5.2640	-4.0189	2.1177	67.4581	21.6068	2.11803
8600	5.2729	-4.0273	2.1340	67.9025	21.7975	2.13436
8700	5.2824	-4.0360	2.1520	68.3808	22.0226	2.15244
8800	5.2925	-4.0449	2.1719	68.8955	22.2842	2.17242
8900	5.3032	-4.0542	2.1938	69.4483	22.5835	2.19440
9000	5.3145	-4.0638	2.2179	70.0417	22.9227	2.21855
9100	5.3265	-4.0737	2.2443	70.6778	23.3035	2.24502
9200	5.3390	-4.0840	2.2730	71.3579	23.7267	2.27389
9300	5.3522	-4.0946	2.3043	72.0840	24.1939	2.30530
9400	5.3659	-4.1056	2.3382	72.8577	24.7060	2.33938
9500	5.3802	-4.1170	2.3749	73.6791	25.2631	2.37619
9600	5.3950	-4.1287	2.4144	74.5497	25.8659	2.41583
9700	5.4102	-4.1407	2.4567	75.4686	26.5135	2.45832
9800	5.4259	-4.1531	2.5018	76.4353	27.2048	2.50366
9900	5.4418	-4.1657	2.5498	77.4487	27.9382	2.55185

LOG P=-2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.4581	-4.1787	2.6005	78.5066	28.7114	2.60280
10100	5.4744	-4.1918	2.6538	79.6043	29.5192	2.65632
10200	5.4909	-4.2051	2.7096	80.7395	30.3600	2.71230
10300	5.5073	-4.2185	2.7674	81.9047	31.2247	2.77041
10400	5.5237	-4.2320	2.8272	83.0956	32.1094	2.83041
10500	5.5398	-4.2454	2.8884	84.3036	33.0054	2.89186
10600	5.5556	-4.2588	2.9506	85.5210	33.9054	2.95435
10700	5.5710	-4.2720	3.0134	86.7387	34.8004	3.01740
10800	5.5859	-4.2850	3.0762	87.9482	35.6819	3.08049
10900	5.6002	-4.2978	3.1386	89.1396	36.5401	3.14309
11000	5.6139	-4.3101	3.1999	90.3043	37.3675	3.20468
11100	5.6269	-4.3221	3.2599	91.4352	38.1566	3.26484
11200	5.6392	-4.3337	3.3178	92.5236	38.8995	3.32300
11300	5.6507	-4.3448	3.3735	93.5643	39.5916	3.37884
11400	5.6614	-4.3553	3.4265	94.5521	40.2279	3.43202
11500	5.6714	-4.3655	3.4766	95.4843	40.8063	3.48231
11600	5.6807	-4.3750	3.5236	96.3573	41.3238	3.52945
11700	5.6892	-4.3841	3.5675	97.1717	41.7814	3.57342
11800	5.6970	-4.3928	3.6081	97.9262	42.1783	3.61412
11900	5.7041	-4.4009	3.6455	98.6237	42.5185	3.65162
12000	5.7107	-4.4086	3.6798	99.2654	42.8034	3.68599
12100	5.7166	-4.4159	3.7111	99.8537	43.0353	3.71730
12200	5.7220	-4.4228	3.7396	100.3929	43.2199	3.74578
12300	5.7270	-4.4293	3.7653	100.8853	43.3585	3.77156
12400	5.7315	-4.4355	3.7886	101.3352	43.4574	3.79483
12500	5.7356	-4.4414	3.8096	101.7461	43.5187	3.81580
12600	5.7393	-4.4470	3.8284	102.1212	43.5473	3.83464
12700	5.7428	-4.4523	3.8454	102.4644	43.5458	3.85156
12800	5.7459	-4.4575	3.8605	102.7783	43.5182	3.86671
12900	5.7488	-4.4624	3.8742	103.0662	43.4679	3.88027
13000	5.7514	-4.4671	3.8863	103.3305	43.3965	3.89240
13100	5.7538	-4.4716	3.8972	103.5737	43.3078	3.90325
13200	5.7561	-4.4760	3.9070	103.7984	43.2033	3.91295
13300	5.7582	-4.4803	3.9157	104.0066	43.0860	3.92162
13400	5.7601	-4.4844	3.9235	104.1998	42.9571	3.92937
13500	5.7620	-4.4884	3.9305	104.3801	42.8184	3.93631
13600	5.7637	-4.4923	3.9368	104.5487	42.6714	3.94252
13700	5.7653	-4.4961	3.9424	104.7067	42.5172	3.94807
13800	5.7668	-4.4998	3.9474	104.8556	42.3575	3.95305
13900	5.7683	-4.5034	3.9520	104.9962	42.1928	3.95751
14000	5.7698	-4.5070	3.9560	105.1491	42.0440	3.96152
14100	5.7709	-4.5105	3.9597	105.2564	41.8530	3.96513
14200	5.7722	-4.5139	3.9630	105.3778	41.6790	3.96838
14300	5.7734	-4.5173	3.9660	105.4937	41.5031	3.97130
14400	5.7746	-4.5206	3.9687	105.6055	41.3262	3.97395
14500	5.7757	-4.5239	3.9712	105.7129	41.1481	3.97634
14600	5.7768	-4.5271	3.9734	105.8167	40.9698	3.97851
14700	5.7779	-4.5303	3.9755	105.9177	40.7917	3.98049
14800	5.7789	-4.5335	3.9773	106.0159	40.6140	3.98230
14900	5.7800	-4.5366	3.9790	106.1115	40.4363	3.98396
15000	5.7810	-4.5396	3.9806	106.2049	40.2600	3.98549

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.6636	1.0000	24.0395	3.4902	1.00000
200	2.8445	-1.9647	1.0000	26.4661	3.4955	1.00000
300	3.0211	-2.1408	1.0000	27.8859	3.4990	1.00000
400	3.1470	-2.2657	1.0000	28.8953	3.5072	1.00000
500	3.2450	-2.3626	1.0000	29.6840	3.5156	1.00000
600	3.3251	-2.4417	1.0000	30.3379	3.5232	1.00000
700	3.3930	-2.5088	1.0000	30.9019	3.5310	1.00000
800	3.4552	-2.5668	1.0000	31.4012	3.5655	1.00000
900	3.5098	-2.6178	1.0000	31.8510	3.5938	1.00000
1000	3.5589	-2.6638	1.0000	32.2621	3.6218	1.00000
1100	3.6039	-2.7052	1.0000	32.6390	3.6521	1.00000
1200	3.6453	-2.7430	1.0000	32.9883	3.6823	1.00000
1300	3.6835	-2.7777	1.0000	33.3139	3.7120	1.00000
1400	3.7191	-2.8099	1.0000	33.6186	3.7406	1.00000
1500	3.7522	-2.8399	1.0000	33.9051	3.7681	1.00000
1600	3.7832	-2.8679	1.0000	34.1753	3.7942	1.00000
1700	3.8124	-2.8942	1.0000	34.4310	3.8191	1.00000
1800	3.8399	-2.9191	1.0000	34.6735	3.8427	1.00000
1900	3.8659	-2.9425	1.0000	34.9042	3.8650	1.00000
2000	3.8918	-2.9646	1.0000	35.1366	3.8973	1.00000
2100	3.9153	-2.9858	1.0000	35.3482	3.9179	1.00000
2200	3.9377	-3.0060	1.0000	35.5507	3.9384	1.00000
2300	3.9591	-3.0253	1.0000	35.7451	3.9567	1.00000
2400	3.9795	-3.0438	1.0000	35.9317	3.9743	1.00000
2500	3.9991	-3.0615	1.0000	36.1114	3.9920	1.00000
2600	4.0179	-3.0786	1.0000	36.2843	4.0080	1.00000
2700	4.0359	-3.0950	1.0000	36.4515	4.0231	1.00001
2800	4.0534	-3.1108	1.0000	36.6131	4.0387	1.00002
2900	4.0702	-3.1260	1.0000	36.7698	4.0533	1.00003
3000	4.0865	-3.1408	1.0001	36.9221	4.0676	1.00008
3100	4.1024	-3.1550	1.0001	37.0709	4.0832	1.00014
3200	4.1178	-3.1689	1.0003	37.2169	4.0990	1.00026
3300	4.1331	-3.1823	1.0004	37.3614	4.1172	1.00045
3400	4.1484	-3.1954	1.0008	37.5058	4.1389	1.00075
3500	4.1636	-3.2082	1.0012	37.6521	4.1641	1.00123
3600	4.1792	-3.2208	1.0020	37.8023	4.1970	1.00196
3700	4.1954	-3.2331	1.0030	37.9599	4.2385	1.00303
3800	4.2126	-3.2454	1.0046	38.1286	4.2940	1.00459
3900	4.2311	-3.2576	1.0068	38.3128	4.3658	1.00681
4000	4.2513	-3.2699	1.0099	38.5183	4.4592	1.00989
4100	4.2738	-3.2825	1.0141	38.7521	4.5814	1.01412
4200	4.2989	-3.2954	1.0198	39.0217	4.7387	1.01982
4300	4.3273	-3.3088	1.0274	39.3372	4.9410	1.02740
4400	4.3591	-3.3230	1.0373	39.7083	5.1953	1.03731
4500	4.3948	-3.3381	1.0501	40.1485	5.5158	1.05013
4600	4.4344	-3.3543	1.0665	40.6698	5.9113	1.06647
4700	4.4780	-3.3719	1.0870	41.2873	6.3965	1.08702
4800	4.5254	-3.3912	1.1126	42.0166	6.9851	1.11259
4900	4.5761	-3.4122	1.1439	42.8726	7.6903	1.14394
5000	4.6294	-3.4351	1.1818	43.8665	8.5206	1.18179
5100	4.6848	-3.4600	1.2271	45.0109	9.4888	1.22707
5200	4.7407	-3.4866	1.2794	46.3030	10.5857	1.27943
5300	4.7963	-3.5146	1.3390	47.7345	11.8038	1.33896
5400	4.8502	-3.5436	1.4048	49.2812	13.1174	1.40476
5500	4.9013	-3.5728	1.4751	50.9015	14.4845	1.47509

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.9482	-3.6014	1.5474	52.5397	15.8493	1.54743
5700	4.9901	-3.6287	1.6187	54.1317	17.1487	1.61875
5800	5.0264	-3.6539	1.6860	55.6158	18.3239	1.68595
5900	5.0571	-3.6766	1.7466	56.9450	19.3306	1.74656
6000	5.0824	-3.6968	1.7991	58.0942	20.1473	1.79907
6100	5.1028	-3.7144	1.8429	59.0575	20.7723	1.84290
6200	5.1192	-3.7298	1.8786	59.8507	21.2237	1.87857
6300	5.1323	-3.7433	1.9070	60.4968	21.5275	1.90704
6400	5.1429	-3.7552	1.9295	61.0222	21.7122	1.92945
6500	5.1515	-3.7659	1.9470	61.4527	21.8051	1.94703
6600	5.1586	-3.7756	1.9608	61.8104	21.8294	1.96081
6700	5.1646	-3.7845	1.9717	62.1141	21.8050	1.97174
6800	5.1699	-3.7929	1.9805	62.3787	21.7468	1.98054
6900	5.1746	-3.8008	1.9878	62.6156	21.6668	1.98779
7000	5.1790	-3.8084	1.9940	62.8340	21.5740	1.99398
7100	5.1832	-3.8158	1.9994	63.0406	21.4754	1.99946
7200	5.1873	-3.8229	2.0045	63.2414	21.3764	2.00451
7300	5.1913	-3.8300	2.0093	63.4405	21.2813	2.00937
7400	5.1954	-3.8369	2.0142	63.6416	21.1935	2.01423
7500	5.1997	-3.8438	2.0192	63.8477	21.1158	2.01925
7600	5.2041	-3.8507	2.0245	64.0615	21.0501	2.02456
7700	5.2087	-3.8576	2.0302	64.2853	20.9994	2.03031
7800	5.2136	-3.8646	2.0365	64.5214	20.9648	2.03659
7900	5.2188	-3.8716	2.0434	64.7718	20.9481	2.04353
8000	5.2243	-3.8787	2.0511	65.0385	20.9513	2.05124
8100	5.2302	-3.8859	2.0597	65.3234	20.9759	2.05981
8200	5.2365	-3.8932	2.0692	65.6286	21.0236	2.06937
8300	5.2433	-3.9007	2.0798	65.9561	21.0956	2.08001
8400	5.2505	-3.9084	2.0916	66.3077	21.1942	2.09186
8500	5.2582	-3.9162	2.1048	66.6857	21.3205	2.10504
8600	5.2665	-3.9243	2.1193	67.0918	21.4765	2.11965
8700	5.2752	-3.9326	2.1354	67.5282	21.6635	2.13583
8800	5.2846	-3.9412	2.1532	67.9971	21.8836	2.15370
8900	5.2945	-3.9500	2.1728	68.5002	22.1381	2.17337
9000	5.3050	-3.9592	2.1944	69.0397	22.4285	2.19499
9100	5.3162	-3.9686	2.2180	69.6177	22.7569	2.21870
9200	5.3279	-3.9784	2.2438	70.2356	23.1242	2.24459
9300	5.3401	-3.9885	2.2718	70.8954	23.5318	2.27279
9400	5.3530	-3.9989	2.3023	71.5986	23.9808	2.30343
9500	5.3664	-4.0097	2.3353	72.3461	24.4720	2.33659
9600	5.3803	-4.0208	2.3710	73.1392	25.0061	2.37237
9700	5.3947	-4.0323	2.4093	73.9779	25.5830	2.41082
9800	5.4096	-4.0440	2.4502	74.8624	26.2020	2.45199
9900	5.4248	-4.0561	2.4939	75.7925	26.8627	2.49591
10000	5.4403	-4.0685	2.5404	76.7667	27.5633	2.54255
10100	5.4561	-4.0811	2.5894	77.7821	28.3008	2.59179
10200	5.4721	-4.0940	2.6409	78.8372	29.0729	2.64357
10300	5.4881	-4.1070	2.6947	79.9263	29.8745	2.69766
10400	5.5042	-4.1201	2.7507	81.0468	30.7026	2.75391
10500	5.5202	-4.1333	2.8085	82.1915	31.5492	2.81198
10600	5.5360	-4.1465	2.8678	83.3546	32.4091	2.87155
10700	5.5515	-4.1596	2.9282	84.5286	33.2748	2.93224
10800	5.5667	-4.1726	2.9893	85.7060	34.1387	2.99362
10900	5.5814	-4.1854	3.0506	86.8780	34.9919	3.05521
11000	5.5956	-4.1980	3.1117	88.0362	35.8267	3.11652

LOG P=-2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.6092	-4.2103	3.1721	89.1739	36.6367	3.17714
11200	5.6222	-4.2222	3.2312	90.2812	37.4118	3.23648
11300	5.6345	-4.2337	3.2886	91.3522	38.1468	3.29418
11400	5.6461	-4.2448	3.3441	92.3805	38.8358	3.34982
11500	5.6570	-4.2554	3.3971	93.3619	39.4753	3.40309
11600	5.6672	-4.2656	3.4475	94.2908	40.0600	3.45366
11700	5.6766	-4.2753	3.4951	95.1666	40.5896	3.50140
11800	5.6853	-4.2845	3.5397	95.9859	41.0615	3.54610
11900	5.6934	-4.2932	3.5813	96.7501	41.4776	3.58776
12000	5.7008	-4.3015	3.6198	97.4596	41.8385	3.62637
12100	5.7075	-4.3093	3.6552	98.1151	42.1455	3.66191
12200	5.7137	-4.3167	3.6878	98.7194	42.4019	3.69453
12300	5.7194	-4.3238	3.7175	99.2746	42.6099	3.72430
12400	5.7246	-4.3304	3.7446	99.7841	42.7739	3.75140
12500	5.7293	-4.3368	3.7692	100.2510	42.8966	3.77600
12600	5.7337	-4.3428	3.7914	100.6785	42.9818	3.79824
12700	5.7376	-4.3485	3.8115	101.0700	43.0333	3.81834
12800	5.7412	-4.3540	3.8297	101.4286	43.0545	3.83644
12900	5.7445	-4.3592	3.8460	101.7573	43.0475	3.85272
13000	5.7476	-4.3642	3.8606	102.0590	43.0171	3.86735
13100	5.7504	-4.3690	3.8738	102.3359	42.9644	3.88048
13200	5.7530	-4.3736	3.8856	102.5914	42.8935	3.89226
13300	5.7554	-4.3781	3.8963	102.8274	42.8058	3.90283
13400	5.7576	-4.3824	3.9058	103.0456	42.7041	3.91230
13500	5.7596	-4.3866	3.9144	103.2485	42.5896	3.92080
13600	5.7616	-4.3907	3.9220	103.4375	42.4646	3.92842
13700	5.7634	-4.3946	3.9289	103.6137	42.3307	3.93526
13800	5.7651	-4.3984	3.9352	103.7790	42.1884	3.94140
13900	5.7667	-4.4022	3.9407	103.9342	42.0392	3.94691
14000	5.7684	-4.4059	3.9457	104.1003	41.9044	3.95186
14100	5.7696	-4.4094	3.9503	104.2196	41.7265	3.95633
14200	5.7710	-4.4130	3.9544	104.3515	41.5641	3.96035
14300	5.7723	-4.4164	3.9581	104.4769	41.3982	3.96397
14400	5.7736	-4.4198	3.9614	104.5971	41.2305	3.96724
14500	5.7748	-4.4232	3.9644	104.7122	41.0608	3.97021
14600	5.7760	-4.4264	3.9672	104.8227	40.8901	3.97289
14700	5.7771	-4.4297	3.9697	104.9297	40.7184	3.97533
14800	5.7782	-4.4329	3.9720	105.0331	40.5463	3.97755
14900	5.7793	-4.4360	3.9741	105.1333	40.3743	3.97957
15000	5.7803	-4.4391	3.9760	105.2309	40.2023	3.98143

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.5636	0.9999	23.8091	3.4900	1.00000
200	2.8445	-1.8648	1.0000	26.2359	3.4954	1.00000
300	3.0211	-2.0409	1.0000	27.6557	3.4990	1.00000
400	3.1470	-2.1657	1.0000	28.6650	3.5072	1.00000
500	3.2450	-2.2627	1.0000	29.4538	3.5156	1.00000
600	3.3251	-2.3418	1.0000	30.1077	3.5232	1.00000
700	3.3930	-2.4089	1.0000	30.6717	3.5310	1.00000
800	3.4552	-2.4671	1.0000	31.1710	3.5655	1.00000
900	3.5098	-2.5181	1.0000	31.6208	3.5938	1.00000
1000	3.5589	-2.5638	1.0000	32.0318	3.6218	1.00000
1100	3.6039	-2.6052	1.0000	32.4087	3.6521	1.00000

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-2.6430	1.0000	32.7581	3.6824	1.00000
1300	3.6835	-2.6777	1.0000	33.0836	3.7120	1.00000
1400	3.7191	-2.7099	1.0000	33.3884	3.7406	1.00000
1500	3.7522	-2.7399	1.0000	33.6749	3.7681	1.00000
1600	3.7832	-2.7679	1.0000	33.9451	3.7942	1.00000
1700	3.8124	-2.7942	1.0000	34.2007	3.8191	1.00000
1800	3.8399	-2.8191	1.0000	34.4433	3.8427	1.00000
1900	3.8659	-2.8425	1.0000	34.6739	3.8650	1.00000
2000	3.8918	-2.8646	1.0000	34.9064	3.8973	1.00000
2100	3.9153	-2.8858	1.0000	35.1180	3.9179	1.00000
2200	3.9377	-2.9060	1.0000	35.3205	3.9384	1.00000
2300	3.9591	-2.9253	1.0000	35.5149	3.9567	1.00000
2400	3.9795	-2.9438	1.0000	35.7014	3.9743	1.00000
2500	3.9991	-2.9615	1.0000	35.8811	3.9919	1.00000
2600	4.0179	-2.9786	1.0000	36.0540	4.0079	1.00000
2700	4.0359	-2.9950	1.0000	36.2212	4.0230	1.00001
2800	4.0534	-3.0108	1.0000	36.3828	4.0386	1.00002
2900	4.0702	-3.0260	1.0000	36.5393	4.0531	1.00003
3000	4.0864	-3.0408	1.0001	36.6916	4.0673	1.00007
3100	4.1023	-3.0550	1.0001	36.8400	4.0826	1.00013
3200	4.1177	-3.0689	1.0002	36.9856	4.0980	1.00023
3300	4.1329	-3.0823	1.0004	37.1293	4.1154	1.00040
3400	4.1481	-3.0954	1.0007	37.2725	4.1361	1.00068
3500	4.1631	-3.1081	1.0011	37.4171	4.1597	1.00110
3600	4.1785	-3.1207	1.0017	37.5647	4.1901	1.00175
3700	4.1943	-3.1330	1.0027	37.7186	4.2280	1.00270
3800	4.2111	-3.1452	1.0041	37.8821	4.2787	1.00409
3900	4.2289	-3.1573	1.0061	38.0589	4.3437	1.00606
4000	4.2482	-3.1695	1.0088	38.2545	4.4278	1.00881
4100	4.2696	-3.1818	1.0126	38.4750	4.5377	1.01258
4200	4.2934	-3.1945	1.0177	38.7272	4.6787	1.01767
4300	4.3201	-3.2075	1.0244	39.0200	4.8600	1.02443
4400	4.3500	-3.2213	1.0333	39.3622	5.0875	1.03326
4500	4.3835	-3.2358	1.0447	39.7658	5.3742	1.04469
4600	4.4207	-3.2514	1.0593	40.2416	5.7278	1.05926
4700	4.4618	-3.2682	1.0776	40.8034	6.1618	1.07762
4800	4.5066	-3.2864	1.1005	41.4655	6.6889	1.10047
4900	4.5548	-3.3063	1.1286	42.2420	7.3215	1.12856
5000	4.6058	-3.3280	1.1626	43.1445	8.0685	1.16257
5100	4.6591	-3.3516	1.2035	44.1858	8.9435	1.20345
5200	4.7135	-3.3769	1.2511	45.3683	9.9424	1.25105
5300	4.7682	-3.4037	1.3057	46.6896	11.0636	1.30570
5400	4.8220	-3.4318	1.3670	48.1351	12.2905	1.36696
5500	4.8736	-3.4604	1.4336	49.6743	13.5919	1.43360
5600	4.9220	-3.4889	1.5037	51.2626	14.9229	1.50365
5700	4.9661	-3.5166	1.5745	52.8433	16.2276	1.57449
5800	5.0052	-3.5427	1.6432	54.3567	17.4478	1.64318
5900	5.0388	-3.5667	1.7070	55.7496	18.5328	1.70700
6000	5.0670	-3.5882	1.7639	56.9855	19.4487	1.76390
6100	5.0903	-3.6073	1.8127	58.0445	20.1799	1.81267
6200	5.1091	-3.6239	1.8532	58.9317	20.7342	1.85325
6300	5.1243	-3.6385	1.8862	59.6631	21.1306	1.88624
6400	5.1365	-3.6514	1.9126	60.2614	21.3939	1.91259
6500	5.1464	-3.6628	1.9334	60.7517	21.5511	1.93345
6600	5.1545	-3.6732	1.9499	61.1568	21.6264	1.94990

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1614	-3.6826	1.9629	61.4969	21.6410	1.96292
6800	5.1672	-3.6913	1.9733	61.7886	21.6122	1.97332
6900	5.1724	-3.6995	1.9818	62.0450	21.5534	1.98179
7000	5.1770	-3.7073	1.9888	62.2767	21.4754	1.98885
7100	5.1814	-3.7148	1.9949	62.4917	21.3865	1.99494
7200	5.1856	-3.7220	2.0004	62.6966	21.2929	2.00038
7300	5.1896	-3.7291	2.0054	62.8963	21.1995	2.00545
7400	5.1937	-3.7361	2.0103	63.0950	21.1103	2.01035
7500	5.1979	-3.7430	2.0152	63.2960	21.0285	2.01528
7600	5.2021	-3.7498	2.0203	63.5021	20.9565	2.02038
7700	5.2066	-3.7567	2.0257	63.7159	20.8969	2.02578
7800	5.2112	-3.7635	2.0315	63.9396	20.8512	2.03161
7900	5.2161	-3.7704	2.0379	64.1752	20.8214	2.03798
8000	5.2213	-3.7774	2.0449	64.4248	20.8091	2.04500
8100	5.2269	-3.7844	2.0526	64.6901	20.8158	2.05277
8200	5.2328	-3.7915	2.0612	64.9731	20.8433	2.06138
8300	5.2391	-3.7988	2.0708	65.2755	20.8929	2.07096
8400	5.2458	-3.8062	2.0814	65.5994	20.9662	2.08159
8500	5.2530	-3.8138	2.0931	65.9463	21.0643	2.09340
8600	5.2606	-3.8216	2.1062	66.3184	21.1893	2.10648
8700	5.2688	-3.8296	2.1206	66.7173	21.3425	2.12096
8800	5.2774	-3.8378	2.1365	67.1451	21.5253	2.13694
8900	5.2866	-3.8462	2.1540	67.6036	21.7396	2.15455
9000	5.2964	-3.8550	2.1733	68.0946	21.9864	2.17390
9100	5.3067	-3.8640	2.1944	68.6203	22.2677	2.19512
9200	5.3176	-3.8733	2.2175	69.1820	22.5842	2.21831
9300	5.3290	-3.8829	2.2427	69.7815	22.9378	2.24360
9400	5.3410	-3.8928	2.2701	70.4207	23.3298	2.27111
9500	5.3536	-3.9030	2.2997	71.1004	23.7602	2.30092
9600	5.3666	-3.9136	2.3318	71.8221	24.2306	2.33315
9700	5.3802	-3.9245	2.3663	72.5863	24.7412	2.36785
9800	5.3942	-3.9357	2.4034	73.3936	25.2920	2.40510
9900	5.4086	-3.9472	2.4431	74.2443	25.8828	2.44495
10000	5.4235	-3.9590	2.4853	75.1377	26.5128	2.48742
10100	5.4386	-3.9711	2.5301	76.0720	27.1800	2.53243
10200	5.4539	-3.9834	2.5774	77.0467	27.8833	2.58000
10300	5.4695	-3.9959	2.6271	78.0577	28.6187	2.62995
10400	5.4852	-4.0086	2.6791	79.1037	29.3849	2.68223
10500	5.5008	-4.0215	2.7332	80.1787	30.1748	2.73656
10600	5.5165	-4.0344	2.7891	81.2790	30.9849	2.79274
10700	5.5319	-4.0473	2.8465	82.3981	31.8091	2.85045
10800	5.5472	-4.0602	2.9051	83.5300	32.6411	2.90936
10900	5.5621	-4.0730	2.9645	84.6668	33.4729	2.96903
11000	5.5767	-4.0856	3.0242	85.8013	34.2980	3.02907
11100	5.5907	-4.0980	3.0839	86.9270	35.1095	3.08908
11200	5.6043	-4.1102	3.1431	88.0349	35.8985	3.14854
11300	5.6173	-4.1220	3.2014	89.1181	36.6594	3.20704
11400	5.6296	-4.1335	3.2582	90.1700	37.3852	3.26415
11500	5.6413	-4.1446	3.3134	91.1852	38.0708	3.31953
11600	5.6523	-4.1552	3.3664	92.1571	38.7105	3.37275
11700	5.6626	-4.1654	3.4170	93.0835	39.3022	3.42362
11800	5.6722	-4.1752	3.4651	93.9594	39.8414	3.47183
11900	5.6812	-4.1845	3.5104	94.7844	40.3284	3.51728
12000	5.6894	-4.1934	3.5529	95.5574	40.7618	3.55988
12100	5.6971	-4.2018	3.5924	96.2777	41.1421	3.59951

LOG P=-2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.7041	-4.2098	3.6290	96.9464	41.4707	3.63622
12300	5.7106	-4.2173	3.6628	97.5652	41.7504	3.67006
12400	5.7165	-4.2245	3.6938	98.1363	41.9825	3.70113
12500	5.7219	-4.2313	3.7222	98.6626	42.1707	3.72956
12600	5.7269	-4.2378	3.7481	99.1462	42.3176	3.75547
12700	5.7314	-4.2439	3.7716	99.5908	42.4272	3.77905
12800	5.7356	-4.2498	3.7930	99.9988	42.5024	3.80042
12900	5.7395	-4.2554	3.8124	100.3735	42.5461	3.81976
13000	5.7430	-4.2607	3.8299	100.7176	42.5613	3.83724
13100	5.7462	-4.2658	3.8457	101.0335	42.5513	3.85299
13200	5.7492	-4.2708	3.8599	101.3247	42.5191	3.86720
13300	5.7519	-4.2755	3.8727	101.5934	42.4670	3.88000
13400	5.7544	-4.2800	3.8843	101.8411	42.3968	3.89151
13500	5.7568	-4.2844	3.8947	102.0708	42.3115	3.90187
13600	5.7590	-4.2887	3.9041	102.2841	42.2128	3.91118
13700	5.7610	-4.2928	3.9125	102.4823	42.1024	3.91957
13800	5.7629	-4.2968	3.9202	102.6674	41.9814	3.92710
13900	5.7647	-4.3007	3.9270	102.8405	41.8517	3.93388
14000	5.7666	-4.3045	3.9332	103.0225	41.7345	3.93998
14100	5.7680	-4.3082	3.9388	103.1564	41.5717	3.94549
14200	5.7695	-4.3118	3.9438	103.3011	41.4234	3.95045
14300	5.7710	-4.3154	3.9483	103.4382	41.2701	3.95492
14400	5.7724	-4.3188	3.9525	103.5689	41.1139	3.95897
14500	5.7737	-4.3223	3.9562	103.6935	40.9544	3.96263
14600	5.7749	-4.3256	3.9596	103.8122	40.7922	3.96594
14700	5.7762	-4.3289	3.9627	103.9267	40.6289	3.96895
14800	5.7773	-4.3322	3.9655	104.0368	40.4639	3.97168
14900	5.7785	-4.3354	3.9680	104.1429	40.2982	3.97417
15000	5.7796	-4.3385	3.9704	104.2457	40.1318	3.97644

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5428	-1.4636	0.9997	23.5786	3.4897	1.00000
200	2.8445	-1.7649	1.0000	26.0056	3.4954	1.00000
300	3.0211	-1.9410	1.0000	27.4254	3.4990	1.00000
400	3.1470	-2.0656	1.0000	28.4347	3.5072	1.00000
500	3.2450	-2.1628	1.0000	29.2235	3.5156	1.00000
600	3.3251	-2.2419	1.0000	29.8774	3.5232	1.00000
700	3.3930	-2.3090	1.0000	30.4414	3.5310	1.00000
800	3.4552	-2.3672	1.0000	30.9407	3.5655	1.00000
900	3.5098	-2.4184	1.0000	31.3905	3.5938	1.00000
1000	3.5589	-2.4638	1.0000	31.8015	3.6218	1.00000
1100	3.6039	-2.5052	1.0000	32.1785	3.6521	1.00000
1200	3.6453	-2.5430	1.0000	32.5278	3.6823	1.00000
1300	3.6835	-2.5777	1.0000	32.8533	3.7120	1.00000
1400	3.7191	-2.6099	1.0000	33.1581	3.7406	1.00000
1500	3.7522	-2.6399	1.0000	33.4446	3.7681	1.00000
1600	3.7832	-2.6679	1.0000	33.7148	3.7942	1.00000
1700	3.8124	-2.6942	1.0000	33.9705	3.8191	1.00000
1800	3.8399	-2.7191	1.0000	34.2130	3.8427	1.00000
1900	3.8659	-2.7425	1.0000	34.4436	3.8650	1.00000
2000	3.8918	-2.7646	1.0000	34.6761	3.8973	1.00000
2100	3.9153	-2.7858	1.0000	34.8877	3.9179	1.00000
2200	3.9377	-2.8060	1.0000	35.0902	3.9384	1.00000

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-2.8253	1.0000	35.2846	3.9567	1.00000
2400	3.9795	-2.8438	1.0000	35.4712	3.9743	1.00000
2500	3.9991	-2.8615	1.0000	35.6508	3.9919	1.00000
2600	4.0179	-2.8786	1.0000	35.8238	4.0079	1.00000
2700	4.0359	-2.8950	1.0000	35.9909	4.0230	1.00001
2800	4.0534	-2.9108	1.0000	36.1524	4.0385	1.00001
2900	4.0702	-2.9260	1.0000	36.3089	4.0529	1.00003
3000	4.0864	-2.9407	1.0001	36.4610	4.0669	1.00006
3100	4.1022	-2.9550	1.0001	36.6091	4.0821	1.00011
3200	4.1176	-2.9688	1.0002	36.7543	4.0971	1.00020
3300	4.1328	-2.9823	1.0004	36.8975	4.1139	1.00036
3400	4.1478	-2.9953	1.0006	37.0396	4.1336	1.00060
3500	4.1627	-3.0081	1.0010	37.1825	4.1557	1.00098
3600	4.1779	-3.0206	1.0016	37.3280	4.1839	1.00156
3700	4.1934	-3.0329	1.0024	37.4785	4.2188	1.00241
3800	4.2097	-3.0450	1.0037	37.6373	4.2650	1.00365
3900	4.2269	-3.0570	1.0054	37.8076	4.3239	1.00541
4000	4.2455	-3.0691	1.0079	37.9943	4.3998	1.00786
4100	4.2659	-3.0812	1.0112	38.2030	4.4987	1.01121
4200	4.2884	-3.0936	1.0157	38.4396	4.6253	1.01575
4300	4.3136	-3.1064	1.0218	38.7122	4.7878	1.02177
4400	4.3417	-3.1197	1.0296	39.0285	4.9914	1.02964
4500	4.3732	-3.1338	1.0398	39.3994	5.2479	1.03984
4600	4.4082	-3.1487	1.0528	39.8347	5.5641	1.05284
4700	4.4468	-3.1648	1.0692	40.3466	5.9522	1.06922
4800	4.4890	-3.1821	1.0896	40.9484	6.4239	1.08963
4900	4.5347	-3.2010	1.1148	41.6532	6.9907	1.11478
5000	4.5833	-3.2215	1.1453	42.4723	7.6618	1.14528
5100	4.6345	-3.2438	1.1821	43.4182	8.4505	1.18210
5200	4.6871	-3.2678	1.2252	44.4975	9.3567	1.22522
5300	4.7406	-3.2934	1.2751	45.7116	10.3825	1.27512
5400	4.7938	-3.3204	1.3317	47.0524	11.5185	1.33167
5500	4.8456	-3.3483	1.3941	48.4998	12.7429	1.39411
5600	4.8950	-3.3764	1.4610	50.0198	14.0217	1.46102
5700	4.9408	-3.4042	1.5303	51.5658	15.3082	1.53026
5800	4.9822	-3.4309	1.5992	53.0832	16.5479	1.59921
5900	5.0185	-3.4559	1.6651	54.5168	17.6881	1.66509
6000	5.0497	-3.4787	1.7255	55.8220	18.6870	1.72554
6100	5.0757	-3.4991	1.7788	56.9680	19.5172	1.77880
6200	5.0972	-3.5171	1.8243	57.9485	20.1747	1.82425
6300	5.1147	-3.5329	1.8620	58.7696	20.6687	1.86200
6400	5.1288	-3.5469	1.8927	59.4481	21.0187	1.89268
6500	5.1403	-3.5592	1.9173	60.0063	21.2490	1.91726
6600	5.1496	-3.5702	1.9368	60.4668	21.3836	1.93679
6700	5.1574	-3.5802	1.9523	60.8505	21.4451	1.95230
6800	5.1640	-3.5894	1.9647	61.1756	21.4524	1.96467
6900	5.1697	-3.5979	1.9746	61.4570	21.4206	1.97464
7000	5.1748	-3.6060	1.9828	61.7067	21.3625	1.98284
7100	5.1794	-3.6137	1.9897	61.9340	21.2875	1.98976
7200	5.1837	-3.6210	1.9958	62.1464	21.2026	1.99577
7300	5.1879	-3.6282	2.0012	62.3496	21.1140	2.00121
7400	5.1920	-3.6352	2.0063	62.5485	21.0262	2.00630
7500	5.1961	-3.6421	2.0112	62.7469	20.9428	2.01126
7600	5.2003	-3.6490	2.0162	62.9476	20.8668	2.01626
7700	5.2046	-3.6557	2.0214	63.1536	20.8004	2.02143

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.2090	-3.6625	2.0268	63.3671	20.7461	2.02691
7900	5.2137	-3.6693	2.0327	63.5903	20.7052	2.03282
8000	5.2186	-3.6761	2.0392	63.8252	20.6797	2.03926
8100	5.2238	-3.6830	2.0462	64.0733	20.6711	2.04633
8200	5.2294	-3.6900	2.0540	64.3368	20.6809	2.05414
8300	5.2353	-3.6971	2.0626	64.6172	20.7105	2.06278
8400	5.2415	-3.7043	2.0721	64.9164	20.7614	2.07234
8500	5.2482	-3.7116	2.0827	65.2359	20.8348	2.08294
8600	5.2553	-3.7192	2.0944	65.5776	20.9322	2.09466
8700	5.2629	-3.7268	2.1073	65.9432	21.0551	2.10763
8800	5.2709	-3.7347	2.1215	66.3345	21.2050	2.12194
8900	5.2795	-3.7428	2.1372	66.7531	21.3829	2.13770
9000	5.2885	-3.7512	2.1544	67.2007	21.5905	2.15501
9100	5.2981	-3.7598	2.1734	67.6795	21.8293	2.17401
9200	5.3082	-3.7686	2.1940	68.1905	22.1004	2.19478
9300	5.3188	-3.7778	2.2166	68.7357	22.4052	2.21744
9400	5.3300	-3.7872	2.2411	69.3168	22.7448	2.24211
9500	5.3417	-3.7969	2.2677	69.9347	23.1199	2.26886
9600	5.3539	-3.8070	2.2966	70.5911	23.5322	2.29784
9700	5.3667	-3.8173	2.3276	71.2868	23.9818	2.32909
9800	5.3798	-3.8279	2.3611	72.0223	24.4690	2.36270
9900	5.3935	-3.8389	2.3969	72.7986	24.9944	2.39874
10000	5.4075	-3.8501	2.4352	73.6157	25.5573	2.43726
10100	5.4219	-3.8617	2.4760	74.4724	26.1567	2.47823
10200	5.4366	-3.8735	2.5192	75.3691	26.7925	2.52170
10300	5.4516	-3.8855	2.5648	76.3026	27.4613	2.56755
10400	5.4667	-3.8977	2.6127	77.2724	28.1626	2.61576
10500	5.4820	-3.9101	2.6628	78.2743	28.8914	2.66616
10600	5.4973	-3.9227	2.7150	79.3054	29.6450	2.71859
10700	5.5125	-3.9353	2.7689	80.3610	30.4186	2.77284
10800	5.5277	-3.9480	2.8244	81.4365	31.2074	2.82866
10900	5.5426	-3.9606	2.8811	82.5250	32.0046	2.88569
11000	5.5573	-3.9732	2.9388	83.6211	32.8050	2.94361
11100	5.5717	-3.9856	2.9969	84.7186	33.6020	3.00209
11200	5.5856	-3.9979	3.0552	85.8100	34.3879	3.06068
11300	5.5991	-4.0099	3.1132	86.8882	35.1575	3.11896
11400	5.6120	-4.0216	3.1705	87.9463	35.9021	3.17652
11500	5.6244	-4.0330	3.2267	88.9784	36.6172	3.23298
11600	5.6361	-4.0441	3.2813	89.9776	37.2968	3.28791
11700	5.6472	-4.0548	3.3342	90.9399	37.9361	3.34104
11800	5.6577	-4.0650	3.3849	91.8596	38.5302	3.39199
11900	5.6675	-4.0749	3.4334	92.7350	39.0782	3.44060
12000	5.6766	-4.0843	3.4793	93.5633	39.5775	3.48668
12100	5.6851	-4.0932	3.5225	94.3425	40.0265	3.53004
12200	5.6930	-4.1018	3.5630	95.0727	40.4257	3.57067
12300	5.7003	-4.1099	3.6007	95.7538	40.7751	3.60851
12400	5.7070	-4.1176	3.6357	96.3871	41.0773	3.64359
12500	5.7132	-4.1249	3.6680	96.9744	41.3337	3.67598
12600	5.7189	-4.1319	3.6977	97.5173	41.5462	3.70576
12700	5.7241	-4.1385	3.7250	98.0186	41.7182	3.73306
12800	5.7289	-4.1448	3.7499	98.4803	41.8523	3.75799
12900	5.7333	-4.1508	3.7726	98.9057	41.9517	3.78072
13000	5.7374	-4.1566	3.7933	99.2972	42.0187	3.80137
13100	5.7411	-4.1620	3.8120	99.6573	42.0567	3.82008
13200	5.7445	-4.1673	3.8290	99.9890	42.0686	3.83706

LOG P=-1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7477	-4.1723	3.8444	100.2950	42.0566	3.85241
13400	5.7506	-4.1771	3.8583	100.5771	42.0241	3.86628
13500	5.7533	-4.1818	3.8709	100.8381	41.9724	3.87881
13600	5.7558	-4.1862	3.8823	101.0798	41.9047	3.89012
13700	5.7581	-4.1906	3.8926	101.3041	41.8223	3.90032
13800	5.7603	-4.1947	3.9018	101.5128	41.7273	3.90952
13900	5.7623	-4.1988	3.9102	101.7073	41.6205	3.91782
14000	5.7644	-4.2028	3.9178	101.9084	41.5240	3.92531
14100	5.7660	-4.2066	3.9246	102.0599	41.3804	3.93208
14200	5.7677	-4.2104	3.9308	102.2206	41.2490	3.93819
14300	5.7693	-4.2140	3.9364	102.3719	41.1115	3.94370
14400	5.7708	-4.2176	3.9414	102.5154	40.9689	3.94870
14500	5.7723	-4.2211	3.9460	102.6515	40.8219	3.95322
14600	5.7736	-4.2246	3.9502	102.7807	40.6709	3.95731
14700	5.7750	-4.2280	3.9540	102.9045	40.5179	3.96103
14800	5.7762	-4.2313	3.9575	103.0232	40.3627	3.96441
14900	5.7775	-4.2346	3.9606	103.1367	40.2047	3.96747
15000	5.7787	-4.2378	3.9635	103.2462	40.0459	3.97027

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5427	-1.3636	0.9995	23.3481	3.4893	1.00000
200	2.8445	-1.6649	0.9999	25.7753	3.4953	1.00000
300	3.0211	-1.8410	1.0000	27.1951	3.4990	1.00000
400	3.1470	-1.9656	1.0000	28.2044	3.5072	1.00000
500	3.2450	-2.0628	1.0000	28.9933	3.5156	1.00000
600	3.3251	-2.1420	1.0000	29.6472	3.5232	1.00000
700	3.3930	-2.2089	1.0000	30.2112	3.5310	1.00000
800	3.4552	-2.2672	1.0000	30.7105	3.5655	1.00000
900	3.5098	-2.3185	1.0000	31.1603	3.5938	1.00000
1000	3.5589	-2.3638	1.0000	31.5713	3.6218	1.00000
1100	3.6039	-2.4052	1.0000	31.9482	3.6521	1.00000
1200	3.6453	-2.4430	1.0000	32.2975	3.6824	1.00000
1300	3.6835	-2.4777	1.0000	32.6231	3.7120	1.00000
1400	3.7191	-2.5099	1.0000	32.9279	3.7406	1.00000
1500	3.7522	-2.5399	1.0000	33.2143	3.7681	1.00000
1600	3.7832	-2.5679	1.0000	33.4846	3.7942	1.00000
1700	3.8124	-2.5942	1.0000	33.7402	3.8191	1.00000
1800	3.8399	-2.6191	1.0000	33.9827	3.8427	1.00000
1900	3.8659	-2.6425	1.0000	34.2134	3.8650	1.00000
2000	3.8918	-2.6646	1.0000	34.4459	3.8973	1.00000
2100	3.9153	-2.6858	1.0000	34.6575	3.9179	1.00000
2200	3.9377	-2.7060	1.0000	34.8600	3.9384	1.00000
2300	3.9591	-2.7253	1.0000	35.0543	3.9567	1.00000
2400	3.9795	-2.7438	1.0000	35.2409	3.9743	1.00000
2500	3.9991	-2.7615	1.0000	35.4205	3.9919	1.00000
2600	4.0179	-2.7786	1.0000	35.5936	4.0079	1.00000
2700	4.0359	-2.7950	1.0000	35.7606	4.0229	1.00001
2800	4.0534	-2.8108	1.0000	35.9221	4.0384	1.00001
2900	4.0702	-2.8260	1.0000	36.0785	4.0528	1.00003
3000	4.0864	-2.8407	1.0001	36.2304	4.0667	1.00005
3100	4.1022	-2.8550	1.0001	36.3784	4.0816	1.00010
3200	4.1175	-2.8688	1.0002	36.5233	4.0963	1.00018
3300	4.1326	-2.8823	1.0003	36.6658	4.1125	1.00032

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1476	-2.8953	1.0005	36.8070	4.1313	1.00054
3500	4.1623	-2.9080	1.0009	36.9485	4.1521	1.00087
3600	4.1773	-2.9205	1.0014	37.0919	4.1785	1.00138
3700	4.1925	-2.9327	1.0021	37.2395	4.2105	1.00214
3800	4.2085	-2.9448	1.0033	37.3940	4.2529	1.00325
3900	4.2252	-2.9568	1.0048	37.5586	4.3064	1.00482
4000	4.2430	-2.9687	1.0070	37.7375	4.3749	1.00700
4100	4.2625	-2.9807	1.0100	37.9355	4.4639	1.00999
4200	4.2839	-2.9929	1.0140	38.1583	4.5776	1.01404
4300	4.3077	-3.0054	1.0194	38.4128	4.7234	1.01941
4400	4.3342	-3.0184	1.0264	38.7062	4.9057	1.02642
4500	4.3638	-3.0320	1.0355	39.0479	5.1353	1.03552
4600	4.3966	-3.0464	1.0471	39.4469	5.4180	1.04711
4700	4.4329	-3.0617	1.0617	39.9142	5.7651	1.06172
4800	4.4727	-3.0783	1.0800	40.4618	6.1871	1.07995
4900	4.5159	-3.0962	1.1024	41.1019	6.6948	1.10243
5000	4.5621	-3.1156	1.1298	41.8452	7.2968	1.12975
5100	4.6110	-3.1367	1.1629	42.7037	8.0060	1.16284
5200	4.6617	-3.1594	1.2018	43.6866	8.8253	1.20177
5300	4.7137	-3.1838	1.2471	44.7977	9.7591	1.24712
5400	4.7660	-3.2096	1.2990	46.0345	10.8036	1.29898
5500	4.8175	-3.2365	1.3570	47.3846	11.9446	1.35698
5600	4.8674	-3.2641	1.4202	48.8241	13.1575	1.42016
5700	4.9144	-3.2917	1.4869	50.3158	14.4048	1.48686
5800	4.9577	-3.3187	1.5549	51.8126	15.6399	1.55488
5900	4.9965	-3.3444	1.6216	53.2624	16.8119	1.62163
6000	5.0304	-3.3683	1.6846	54.6174	17.8748	1.68463
6100	5.0593	-3.3899	1.7417	55.8374	18.7917	1.74172
6200	5.0835	-3.4093	1.7917	56.9047	19.5468	1.79173
6300	5.1034	-3.4264	1.8342	57.8152	20.1400	1.83422
6400	5.1197	-3.4415	1.8694	58.5781	20.5820	1.86944
6500	5.1329	-3.4548	1.8981	59.2110	20.8931	1.89811
6600	5.1437	-3.4667	1.9212	59.7345	21.0959	1.92116
6700	5.1527	-3.4774	1.9396	60.1696	21.2127	1.93958
6800	5.1601	-3.4871	1.9543	60.5352	21.2635	1.95430
6900	5.1665	-3.4961	1.9661	60.8478	21.2655	1.96613
7000	5.1721	-3.5044	1.9757	61.1206	21.2325	1.97576
7100	5.1771	-3.5123	1.9837	61.3645	21.1755	1.98375
7200	5.1817	-3.5199	1.9905	61.5882	21.1034	1.99055
7300	5.1860	-3.5272	1.9965	61.7982	21.0230	1.99652
7400	5.1902	-3.5343	2.0019	62.0001	20.9394	2.00195
7500	5.1943	-3.5412	2.0070	62.1982	20.8568	2.00708
7600	5.1984	-3.5481	2.0121	62.3960	20.7790	2.01210
7700	5.2026	-3.5548	2.0171	62.5965	20.7082	2.01715
7800	5.2070	-3.5615	2.0223	62.8020	20.6470	2.02240
7900	5.2114	-3.5683	2.0279	63.0150	20.5972	2.02796
8000	5.2161	-3.5750	2.0338	63.2375	20.5608	2.03392
8100	5.2211	-3.5818	2.0403	63.4710	20.5391	2.04042
8200	5.2263	-3.5886	2.0474	63.7175	20.5336	2.04752
8300	5.2318	-3.5955	2.0552	63.9786	20.5459	2.05535
8400	5.2377	-3.6025	2.0638	64.2561	20.5771	2.06399
8500	5.2439	-3.6097	2.0733	64.5515	20.6288	2.07352
8600	5.2505	-3.6169	2.0838	64.8663	20.7017	2.08405
8700	5.2575	-3.6244	2.0953	65.2021	20.7979	2.09568
8800	5.2650	-3.6320	2.1081	65.5608	20.9183	2.10851

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.2729	-3.6398	2.1221	65.9438	21.0641	2.12261
9000	5.2813	-3.6478	2.1376	66.3526	21.2366	2.13811
9100	5.2902	-3.6560	2.1545	66.7893	21.4376	2.15510
9200	5.2996	-3.6644	2.1730	67.2548	21.6677	2.17369
9300	5.3095	-3.6732	2.1932	67.7511	21.9282	2.19398
9400	5.3199	-3.6821	2.2151	68.2796	22.2208	2.21609
9500	5.3308	-3.6914	2.2390	68.8415	22.5458	2.24008
9600	5.3422	-3.7009	2.2649	69.4385	22.9049	2.26610
9700	5.3541	-3.7107	2.2928	70.0713	23.2983	2.29419
9800	5.3665	-3.7209	2.3229	70.7408	23.7267	2.32445
9900	5.3793	-3.7313	2.3552	71.4482	24.1910	2.35697
10000	5.3925	-3.7420	2.3898	72.1939	24.6909	2.39179
10100	5.4062	-3.7529	2.4268	72.9772	25.2259	2.42893
10200	5.4202	-3.7642	2.4660	73.7989	25.7962	2.46845
10300	5.4344	-3.7757	2.5076	74.6568	26.3995	2.51029
10400	5.4490	-3.7874	2.5515	75.5510	27.0355	2.55447
10500	5.4637	-3.7994	2.5976	76.4789	27.7016	2.60087
10600	5.4786	-3.8115	2.6459	77.4384	28.3956	2.64942
10700	5.4935	-3.8237	2.6961	78.4263	29.1132	2.69997
10800	5.5084	-3.8361	2.7482	79.4387	29.8512	2.75233
10900	5.5232	-3.8485	2.8017	80.4706	30.6044	2.80622
11000	5.5379	-3.8608	2.8566	81.5174	31.3682	2.86141
11100	5.5523	-3.8732	2.9125	82.5741	32.1371	2.91763
11200	5.5665	-3.8854	2.9690	83.6339	32.9049	2.97446
11300	5.5803	-3.8975	3.0258	84.6903	33.6656	3.03156
11400	5.5936	-3.9094	3.0824	85.7375	34.4126	3.08856
11500	5.6065	-3.9210	3.1387	86.7697	35.1410	3.14511
11600	5.6189	-3.9324	3.1940	87.7791	35.8434	3.20074
11700	5.6307	-3.9434	3.2482	88.7617	36.5152	3.25518
11800	5.6419	-3.9541	3.3007	89.7113	37.1516	3.30802
11900	5.6525	-3.9644	3.3515	90.6245	37.7489	3.35903
12000	5.6624	-3.9743	3.4002	91.4977	38.3039	3.40796
12100	5.6718	-3.9838	3.4466	92.3271	38.8130	3.45452
12200	5.6805	-3.9928	3.4905	93.1119	39.2768	3.49865
12300	5.6886	-4.0015	3.5319	93.8506	39.6929	3.54019
12400	5.6962	-4.0098	3.5707	94.5429	40.0624	3.57908
12500	5.7031	-4.0176	3.6068	95.1896	40.3864	3.61534
12600	5.7096	-4.0251	3.6404	95.7915	40.6651	3.64899
12700	5.7156	-4.0322	3.6714	96.3507	40.9022	3.68011
12800	5.7210	-4.0390	3.7000	96.8687	41.0986	3.70875
12900	5.7261	-4.0455	3.7263	97.3479	41.2570	3.73507
13000	5.7307	-4.0516	3.7504	97.7905	41.3806	3.75915
13100	5.7350	-4.0575	3.7723	98.1987	41.4715	3.78113
13200	5.7390	-4.0631	3.7924	98.5757	41.5330	3.80117
13300	5.7426	-4.0685	3.8107	98.9238	41.5672	3.81942
13400	5.7460	-4.0736	3.8273	99.2451	41.5773	3.83598
13500	5.7491	-4.0785	3.8423	99.5421	41.5651	3.85101
13600	5.7519	-4.0833	3.8560	99.8171	41.5334	3.86464
13700	5.7546	-4.0879	3.8684	100.0717	41.4838	3.87697
13800	5.7571	-4.0923	3.8796	100.3082	41.4189	3.88814
13900	5.7594	-4.0965	3.8898	100.5281	41.3401	3.89824
14000	5.7617	-4.1007	3.8990	100.7520	41.2681	3.90738
14100	5.7636	-4.1047	3.9073	100.9247	41.1473	3.91566
14200	5.7655	-4.1086	3.9149	101.1043	41.0363	3.92315
14300	5.7672	-4.1124	3.9218	101.2728	40.9174	3.92992

LOG P=-1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7689	-4.1161	3.9280	101.4320	40.7919	3.93606
14500	5.7705	-4.1198	3.9336	101.5822	40.6601	3.94163
14600	5.7721	-4.1233	3.9388	101.7242	40.5233	3.94667
14700	5.7735	-4.1268	3.9434	101.8593	40.3820	3.95125
14800	5.7749	-4.1302	3.9477	101.9883	40.2377	3.95542
14900	5.7762	-4.1336	3.9515	102.1113	40.0902	3.95920
15000	5.7775	-4.1368	3.9551	102.2292	39.9407	3.96264

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5427	-1.2635	0.9993	23.1175	3.4888	1.00000
200	2.8445	-1.5648	0.9999	25.5450	3.4953	1.00000
300	3.0211	-1.7409	1.0000	26.9648	3.4990	1.00000
400	3.1470	-1.8657	1.0001	27.9742	3.5072	1.00000
500	3.2450	-1.9628	1.0001	28.7630	3.5156	1.00000
600	3.3251	-2.0420	1.0001	29.4169	3.5232	1.00000
700	3.3930	-2.1089	1.0001	29.9809	3.5310	1.00000
800	3.4552	-2.1671	1.0001	30.4802	3.5655	1.00000
900	3.5098	-2.2184	1.0001	30.9300	3.5938	1.00000
1000	3.5589	-2.2638	1.0000	31.3410	3.6218	1.00000
1100	3.6039	-2.3052	1.0000	31.7180	3.6521	1.00000
1200	3.6453	-2.3430	1.0000	32.0673	3.6823	1.00000
1300	3.6835	-2.3777	1.0000	32.3928	3.7120	1.00000
1400	3.7191	-2.4099	1.0000	32.6976	3.7406	1.00000
1500	3.7522	-2.4399	1.0000	32.9841	3.7681	1.00000
1600	3.7832	-2.4679	1.0000	33.2543	3.7943	1.00000
1700	3.8124	-2.4942	1.0000	33.5099	3.8191	1.00000
1800	3.8399	-2.5191	1.0000	33.7525	3.8427	1.00000
1900	3.8659	-2.5425	1.0000	33.9831	3.8650	1.00000
2000	3.8918	-2.5646	1.0000	34.2156	3.8973	1.00000
2100	3.9153	-2.5858	1.0000	34.4272	3.9179	1.00000
2200	3.9377	-2.6060	1.0000	34.6297	3.9384	1.00000
2300	3.9591	-2.6253	1.0000	34.8240	3.9567	1.00000
2400	3.9795	-2.6438	1.0000	35.0107	3.9743	1.00000
2500	3.9991	-2.6615	1.0000	35.1903	3.9919	1.00000
2600	4.0179	-2.6786	1.0000	35.3633	4.0079	1.00000
2700	4.0359	-2.6950	1.0000	35.5303	4.0229	1.00001
2800	4.0534	-2.7108	1.0000	35.6917	4.0384	1.00001
2900	4.0701	-2.7260	1.0000	35.8481	4.0527	1.00002
3000	4.0863	-2.7407	1.0000	35.9999	4.0665	1.00004
3100	4.1021	-2.7550	1.0001	36.1478	4.0812	1.00009
3200	4.1175	-2.7688	1.0002	36.2922	4.0955	1.00016
3300	4.1325	-2.7822	1.0003	36.4342	4.1113	1.00028
3400	4.1474	-2.7953	1.0005	36.5746	4.1293	1.00048
3500	4.1620	-2.8080	1.0008	36.7149	4.1490	1.00078
3600	4.1768	-2.8204	1.0012	36.8564	4.1736	1.00124
3700	4.1918	-2.8326	1.0019	37.0014	4.2032	1.00191
3800	4.2074	-2.8446	1.0029	37.1522	4.2420	1.00290
3900	4.2236	-2.8565	1.0043	37.3116	4.2907	1.00430
4000	4.2408	-2.8684	1.0062	37.4835	4.3527	1.00624
4100	4.2595	-2.8802	1.0089	37.6721	4.4329	1.00891
4200	4.2798	-2.8922	1.0125	37.8825	4.5352	1.01251
4300	4.3024	-2.9045	1.0173	38.1209	4.6661	1.01730
4400	4.3273	-2.9172	1.0236	38.3937	4.8293	1.02355

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.3552	-2.9303	1.0317	38.7095	5.0348	1.03166
4600	4.3860	-2.9442	1.0420	39.0760	5.2877	1.04200
4700	4.4201	-2.9590	1.0550	39.5035	5.5980	1.05503
4800	4.4576	-2.9748	1.0713	40.0027	5.9755	1.07131
4900	4.4984	-2.9918	1.0914	40.5846	6.4299	1.09139
5000	4.5422	-3.0102	1.1159	41.2595	6.9695	1.11584
5100	4.5887	-3.0302	1.1455	42.0383	7.6062	1.14553
5200	4.6374	-3.0517	1.1806	42.9321	8.3450	1.18058
5300	4.6877	-3.0748	1.2216	43.9463	9.1919	1.22164
5400	4.7387	-3.0994	1.2689	45.0819	10.1465	1.26895
5500	4.7896	-3.1253	1.3224	46.3326	11.2011	1.32241
5600	4.8395	-3.1521	1.3814	47.6825	12.3387	1.38143
5700	4.8872	-3.1793	1.4448	49.1043	13.5312	1.44484
5800	4.9319	-3.2063	1.5109	50.5596	14.7405	1.51091
5900	4.9728	-3.2324	1.5774	52.0021	15.9201	1.57736
6000	5.0092	-3.2571	1.6418	53.3838	17.0241	1.64177
6100	5.0408	-3.2798	1.7017	54.6591	18.0097	1.70174
6200	5.0678	-3.3004	1.7557	55.8021	18.8530	1.75572
6300	5.0903	-3.3189	1.8028	56.7983	19.5418	1.80277
6400	5.1089	-3.3352	1.8426	57.6474	20.0787	1.84264
6500	5.1242	-3.3497	1.8757	58.3604	20.4770	1.87568
6600	5.1367	-3.3625	1.9026	58.9541	20.7557	1.90264
6700	5.1470	-3.3740	1.9244	59.4480	20.9358	1.92439
6800	5.1555	-3.3843	1.9419	59.8615	21.0380	1.94186
6900	5.1627	-3.3938	1.9559	60.2118	21.0809	1.95592
7000	5.1690	-3.4026	1.9673	60.5136	21.0793	1.96730
7100	5.1744	-3.4108	1.9766	60.7791	21.0459	1.97665
7200	5.1794	-3.4186	1.9845	61.0183	20.9913	1.98448
7300	5.1839	-3.4260	1.9912	61.2388	20.9226	1.99120
7400	5.1883	-3.4332	1.9971	61.4469	20.8466	1.99715
7500	5.1925	-3.4403	2.0026	61.6477	20.7680	2.00261
7600	5.1966	-3.4471	2.0077	61.8450	20.6909	2.00777
7700	5.2007	-3.4539	2.0128	62.0423	20.6181	2.01284
7800	5.2050	-3.4606	2.0179	62.2423	20.5525	2.01797
7900	5.2093	-3.4673	2.0232	62.4473	20.4960	2.02327
8000	5.2138	-3.4739	2.0288	62.6595	20.4507	2.02888
8100	5.2185	-3.4806	2.0348	62.8807	20.4181	2.03491
8200	5.2234	-3.4873	2.0413	63.1127	20.3997	2.04144
8300	5.2286	-3.4941	2.0484	63.3570	20.3969	2.04857
8400	5.2341	-3.5009	2.0562	63.6156	20.4111	2.05640
8500	5.2400	-3.5079	2.0648	63.8895	20.4433	2.06501
8600	5.2461	-3.5150	2.0742	64.1806	20.4949	2.07449
8700	5.2527	-3.5221	2.0846	64.4902	20.5672	2.08494
8800	5.2596	-3.5295	2.0961	64.8199	20.6613	2.09644
8900	5.2670	-3.5370	2.1086	65.1711	20.7785	2.10908
9000	5.2748	-3.5447	2.1224	65.5455	20.9198	2.12296
9100	5.2831	-3.5526	2.1376	65.9444	21.0867	2.13817
9200	5.2918	-3.5607	2.1541	66.3693	21.2800	2.15481
9300	5.3009	-3.5690	2.1722	66.8216	21.5011	2.17298
9400	5.3106	-3.5775	2.1919	67.3029	21.7512	2.19279
9500	5.3208	-3.5864	2.2133	67.8142	22.0309	2.21428
9600	5.3314	-3.5954	2.2364	68.3573	22.3416	2.23761
9700	5.3425	-3.6048	2.2615	68.9329	22.6837	2.26283
9800	5.3541	-3.6144	2.2885	69.5421	23.0585	2.29003
9900	5.3661	-3.6243	2.3176	70.1862	23.4669	2.31930

LOG P=-1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.3786	-3.6345	2.3488	70.8658	23.9084	2.35070
10100	5.3914	-3.6449	2.3822	71.5806	24.3829	2.38426
10200	5.4046	-3.6556	2.4178	72.3317	24.8913	2.42008
10300	5.4182	-3.6666	2.4555	73.1178	25.4320	2.45811
10400	5.4321	-3.6778	2.4955	73.9393	26.0051	2.49839
10500	5.4462	-3.6892	2.5377	74.7945	26.6082	2.54088
10600	5.4605	-3.7009	2.5821	75.6820	27.2406	2.58552
10700	5.4750	-3.7127	2.6285	76.5997	27.8993	2.63224
10800	5.4895	-3.7246	2.6768	77.5451	28.5821	2.68089
10900	5.5041	-3.7367	2.7269	78.5139	29.2841	2.73129
11000	5.5186	-3.7488	2.7785	79.5030	30.0026	2.78326
11100	5.5329	-3.7609	2.8315	80.5085	30.7332	2.83661
11200	5.5471	-3.7730	2.8855	81.5243	31.4702	2.89097
11300	5.5611	-3.7851	2.9403	82.5456	32.2085	2.94609
11400	5.5747	-3.7970	2.9955	83.5670	32.9428	3.00166
11500	5.5879	-3.8087	3.0509	84.5837	33.6686	3.05736
11600	5.6007	-3.8202	3.1059	85.5873	34.3774	3.11274
11700	5.6131	-3.8315	3.1604	86.5742	35.0658	3.16752
11800	5.6249	-3.8425	3.2138	87.5377	35.7282	3.22129
11900	5.6362	-3.8532	3.2660	88.4735	36.3599	3.27378
12000	5.6469	-3.8635	3.3167	89.3777	36.9569	3.32470
12100	5.6570	-3.8734	3.3654	90.2450	37.5154	3.37371
12200	5.6665	-3.8830	3.4122	91.0740	38.0335	3.42068
12300	5.6755	-3.8922	3.4567	91.8618	38.5090	3.46539
12400	5.6838	-3.9009	3.4988	92.6071	38.9407	3.50772
12500	5.6916	-3.9093	3.5385	93.3093	39.3285	3.54760
12600	5.6989	-3.9173	3.5758	93.9683	39.6731	3.58500
12700	5.7056	-3.9250	3.6106	94.5849	39.9748	3.61990
12800	5.7118	-3.9323	3.6429	95.1597	40.2352	3.65232
12900	5.7176	-3.9392	3.6729	95.6947	40.4560	3.68237
13000	5.7229	-3.9458	3.7006	96.1910	40.6391	3.71007
13100	5.7278	-3.9521	3.7260	96.6511	40.7873	3.73555
13200	5.7323	-3.9581	3.7494	97.0773	40.9029	3.75894
13300	5.7365	-3.9639	3.7708	97.4717	40.9879	3.78036
13400	5.7404	-3.9694	3.7904	97.8364	41.0453	3.79992
13500	5.7439	-3.9747	3.8082	98.1740	41.0775	3.81777
13600	5.7472	-3.9797	3.8245	98.4867	41.0869	3.83403
13700	5.7503	-3.9846	3.8394	98.7761	41.0753	3.84881
13800	5.7531	-3.9893	3.8528	99.0446	41.0452	3.86224
13900	5.7558	-3.9938	3.8651	99.2939	40.9983	3.87444
14000	5.7584	-3.9981	3.8762	99.5447	40.9557	3.88551
14100	5.7605	-4.0024	3.8864	99.7423	40.8620	3.89558
14200	5.7627	-4.0065	3.8956	99.9445	40.7758	3.90471
14300	5.7647	-4.0104	3.9039	100.1336	40.6790	3.91299
14400	5.7666	-4.0143	3.9115	100.3116	40.5738	3.92050
14500	5.7684	-4.0181	3.9184	100.4789	40.4605	3.92734
14600	5.7701	-4.0218	3.9247	100.6364	40.3407	3.93354
14700	5.7717	-4.0254	3.9304	100.7855	40.2145	3.93916
14800	5.7732	-4.0289	3.9357	100.9274	40.0846	3.94430
14900	5.7747	-4.0323	3.9404	101.0619	39.9498	3.94896
15000	5.7761	-4.0357	3.9448	101.1902	39.8114	3.95320

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5426	-1.1634	0.9992	22.8870	3.4884	1.00000
200	2.8445	-1.4648	0.9999	25.3146	3.4952	1.00000
300	3.0211	-1.6409	1.0000	26.7346	3.4990	1.00000
400	3.1470	-1.7657	1.0001	27.7439	3.5072	1.00000
500	3.2450	-1.8628	1.0001	28.5327	3.5156	1.00000
600	3.3251	-1.9420	1.0001	29.1866	3.5232	1.00000
700	3.3930	-2.0089	1.0001	29.7506	3.5310	1.00000
800	3.4552	-2.0671	1.0001	30.2499	3.5655	1.00000
900	3.5098	-2.1183	1.0001	30.6997	3.5938	1.00000
1000	3.5589	-2.1638	1.0000	31.1108	3.6218	1.00000
1100	3.6039	-2.2052	1.0000	31.4877	3.6521	1.00000
1200	3.6453	-2.2430	1.0000	31.8370	3.6824	1.00000
1300	3.6835	-2.2777	1.0000	32.1626	3.7120	1.00000
1400	3.7191	-2.3099	1.0000	32.4673	3.7406	1.00000
1500	3.7522	-2.3399	1.0000	32.7538	3.7681	1.00000
1600	3.7832	-2.3679	1.0000	33.0240	3.7943	1.00000
1700	3.8124	-2.3942	1.0000	33.2797	3.8191	1.00000
1800	3.8399	-2.4191	1.0000	33.5222	3.8427	1.00000
1900	3.8659	-2.4425	1.0000	33.7529	3.8650	1.00000
2000	3.8918	-2.4646	1.0000	33.9854	3.8973	1.00000
2100	3.9153	-2.4858	1.0000	34.1970	3.9179	1.00000
2200	3.9377	-2.5060	1.0000	34.3995	3.9384	1.00000
2300	3.9591	-2.5253	1.0000	34.5937	3.9567	1.00000
2400	3.9795	-2.5438	1.0000	34.7804	3.9743	1.00000
2500	3.9991	-2.5615	1.0000	34.9600	3.9919	1.00000
2600	4.0179	-2.5786	1.0000	35.1329	4.0079	1.00000
2700	4.0359	-2.5950	1.0000	35.3000	4.0229	1.00001
2800	4.0534	-2.6108	1.0000	35.4615	4.0383	1.00001
2900	4.0701	-2.6260	1.0000	35.6177	4.0526	1.00002
3000	4.0863	-2.6407	1.0000	35.7695	4.0663	1.00004
3100	4.1021	-2.6550	1.0001	35.9171	4.0808	1.00008
3200	4.1174	-2.6688	1.0001	36.0612	4.0949	1.00015
3300	4.1324	-2.6822	1.0003	36.2029	4.1102	1.00025
3400	4.1472	-2.6953	1.0004	36.3425	4.1275	1.00042
3500	4.1617	-2.7080	1.0007	36.4816	4.1462	1.00069
3600	4.1764	-2.7204	1.0011	36.6215	4.1693	1.00110
3700	4.1911	-2.7325	1.0017	36.7641	4.1966	1.00170
3800	4.2064	-2.7445	1.0026	36.9116	4.2323	1.00258
3900	4.2222	-2.7563	1.0038	37.0664	4.2767	1.00383
4000	4.2388	-2.7681	1.0056	37.2321	4.3328	1.00556
4100	4.2568	-2.7798	1.0079	37.4123	4.4053	1.00794
4200	4.2762	-2.7917	1.0112	37.6117	4.4973	1.01115
4300	4.2976	-2.8037	1.0154	37.8358	4.6149	1.01541
4400	4.3212	-2.8161	1.0210	38.0903	4.7612	1.02099
4500	4.3474	-2.8289	1.0282	38.3828	4.9453	1.02822
4600	4.3764	-2.8423	1.0374	38.7204	5.1715	1.03744
4700	4.4084	-2.8565	1.0491	39.1123	5.4491	1.04906
4800	4.4437	-2.8716	1.0636	39.5680	5.7866	1.06359
4900	4.4821	-2.8878	1.0815	40.0976	6.1933	1.08152
5000	4.5235	-2.9053	1.1034	40.7110	6.6765	1.10339
5100	4.5677	-2.9242	1.1300	41.4173	7.2473	1.12998
5200	4.6143	-2.9446	1.1615	42.2295	7.9121	1.16148
5300	4.6627	-2.9665	1.1985	43.1532	8.6775	1.19853
5400	4.7122	-2.9899	1.2415	44.1921	9.5458	1.24148
5500	4.7621	-3.0147	1.2904	45.3446	10.5140	1.29044

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.8116	-3.0406	1.3451	46.6013	11.5714	1.34513
5700	4.8596	-3.0671	1.4048	47.9430	12.6977	1.40478
5800	4.9053	-3.0938	1.4681	49.3398	13.8630	1.46807
5900	4.9478	-3.1200	1.5331	50.7528	15.0286	1.53313
6000	4.9864	-3.1453	1.5978	52.1378	16.1510	1.59777
6100	5.0205	-3.1689	1.6596	53.4482	17.1858	1.65960
6200	5.0501	-3.1907	1.7168	54.6516	18.1022	1.71677
6300	5.0753	-3.2104	1.7679	55.7244	18.8789	1.76790
6400	5.0964	-3.2280	1.8123	56.6566	19.5086	1.81225
6500	5.1139	-3.2436	1.8498	57.4513	19.9969	1.84977
6600	5.1283	-3.2575	1.8809	58.1204	20.3578	1.88091
6700	5.1401	-3.2699	1.9064	58.6801	20.6094	1.90637
6800	5.1500	-3.2810	1.9270	59.1488	20.7712	1.92701
6900	5.1582	-3.2911	1.9437	59.5439	20.8624	1.94370
7000	5.1652	-3.3003	1.9572	59.8813	20.8990	1.95721
7100	5.1713	-3.3089	1.9682	60.1741	20.8953	1.96825
7200	5.1767	-3.3170	1.9774	60.4335	20.8626	1.97737
7300	5.1816	-3.3247	1.9851	60.6686	20.8103	1.98508
7400	5.1862	-3.3321	1.9917	60.8864	20.7454	1.99175
7500	5.1905	-3.3392	1.9977	61.0929	20.6739	1.99769
7600	5.1947	-3.3461	2.0031	61.2925	20.6000	2.00316
7700	5.1988	-3.3529	2.0083	61.4891	20.5278	2.00837
7800	5.2030	-3.3596	2.0134	61.6858	20.4600	2.01350
7900	5.2072	-3.3663	2.0186	61.8851	20.3989	2.01868
8000	5.2116	-3.3729	2.0240	62.0892	20.3470	2.02404
8100	5.2161	-3.3795	2.0296	62.3003	20.3055	2.02971
8200	5.2208	-3.3861	2.0356	62.5201	20.2764	2.03577
8300	5.2257	-3.3928	2.0422	62.7502	20.2608	2.04233
8400	5.2309	-3.3995	2.0493	62.9922	20.2602	2.04947
8500	5.2364	-3.4063	2.0571	63.2476	20.2758	2.05728
8600	5.2422	-3.4131	2.0656	63.5178	20.3086	2.06584
8700	5.2483	-3.4201	2.0750	63.8042	20.3601	2.07526
8800	5.2548	-3.4272	2.0852	64.1082	20.4310	2.08559
8900	5.2616	-3.4345	2.0965	64.4313	20.5226	2.09693
9000	5.2689	-3.4419	2.1089	64.7747	20.6362	2.10937
9100	5.2765	-3.4495	2.1224	65.1400	20.7728	2.12300
9200	5.2846	-3.4572	2.1373	65.5285	20.9333	2.13791
9300	5.2932	-3.4652	2.1534	65.9413	21.1190	2.15417
9400	5.3021	-3.4734	2.1710	66.3803	21.3309	2.17190
9500	5.3116	-3.4818	2.1902	66.8461	21.5698	2.19115
9600	5.3215	-3.4905	2.2110	67.3405	21.8371	2.21206
9700	5.3318	-3.4993	2.2334	67.8643	22.1331	2.23467
9800	5.3426	-3.5085	2.2577	68.4188	22.4588	2.25909
9900	5.3539	-3.5179	2.2838	69.0050	22.8152	2.28539
10000	5.3655	-3.5276	2.3119	69.6238	23.2029	2.31366
10100	5.3776	-3.5375	2.3419	70.2753	23.6214	2.34392
10200	5.3901	-3.5477	2.3740	70.9606	24.0717	2.37628
10300	5.4029	-3.5581	2.4082	71.6790	24.5531	2.41070
10400	5.4161	-3.5688	2.4445	72.4312	25.0655	2.44728
10500	5.4296	-3.5798	2.4829	73.2161	25.6079	2.48598
10600	5.4433	-3.5909	2.5235	74.0331	26.1795	2.52679
10700	5.4572	-3.6022	2.5660	74.8809	26.7783	2.56967
10800	5.4712	-3.6138	2.6106	75.7581	27.4041	2.61456
10900	5.4854	-3.6254	2.6570	76.6612	28.0514	2.66130
11000	5.4996	-3.6372	2.7051	77.5883	28.7193	2.70981

LOG P=-1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.5137	-3.6490	2.7549	78.5361	29.4038	2.75990
11200	5.5278	-3.6609	2.8059	79.5001	30.1009	2.81134
11300	5.5417	-3.6728	2.8581	80.4762	30.8061	2.86390
11400	5.5554	-3.6846	2.9112	81.4596	31.5149	2.91731
11500	5.5689	-3.6963	2.9648	82.4464	32.2231	2.97132
11600	5.5820	-3.7079	3.0186	83.4293	32.9239	3.02554
11700	5.5947	-3.7193	3.0725	84.4047	33.6136	3.07971
11800	5.6070	-3.7304	3.1258	85.3659	34.2859	3.13344
11900	5.6188	-3.7414	3.1785	86.3090	34.9370	3.18646
12000	5.6302	-3.7520	3.2302	87.2298	35.5626	3.23847
12100	5.6410	-3.7623	3.2805	88.1215	36.1570	3.28910
12200	5.6512	-3.7723	3.3293	88.9826	36.7184	3.33816
12300	5.6609	-3.7819	3.3763	89.8088	37.2426	3.38538
12400	5.6701	-3.7912	3.4213	90.5980	37.7283	3.43059
12500	5.6787	-3.8001	3.4641	91.3485	38.1741	3.47364
12600	5.6867	-3.8086	3.5047	92.0586	38.5785	3.51440
12700	5.6942	-3.8168	3.5429	92.7285	38.9421	3.55283
12800	5.7012	-3.8246	3.5788	93.3575	39.2645	3.58887
12900	5.7077	-3.8320	3.6124	93.9472	39.5472	3.62257
13000	5.7137	-3.8391	3.6437	94.4975	39.7912	3.65391
13100	5.7193	-3.8459	3.6727	95.0106	39.9989	3.68299
13200	5.7245	-3.8523	3.6995	95.4881	40.1716	3.70988
13300	5.7293	-3.8585	3.7243	95.9317	40.3114	3.73468
13400	5.7337	-3.8644	3.7471	96.3435	40.4207	3.75749
13500	5.7378	-3.8700	3.7680	96.7255	40.5021	3.77842
13600	5.7416	-3.8755	3.7872	97.0800	40.5571	3.79761
13700	5.7451	-3.8807	3.8048	97.4086	40.5886	3.81515
13800	5.7484	-3.8856	3.8208	97.7137	40.5983	3.83117
13900	5.7514	-3.8904	3.8355	97.9968	40.5884	3.84578
14000	5.7544	-3.8951	3.8489	98.2787	40.5796	3.85910
14100	5.7569	-3.8995	3.8611	98.5054	40.5174	3.87124
14200	5.7593	-3.9039	3.8722	98.7341	40.4604	3.88230
14300	5.7616	-3.9080	3.8823	98.9476	40.3900	3.89236
14400	5.7638	-3.9121	3.8916	99.1479	40.3089	3.90151
14500	5.7658	-3.9160	3.9000	99.3355	40.2178	3.90985
14600	5.7677	-3.9199	3.9077	99.5115	40.1179	3.91743
14700	5.7695	-3.9236	3.9146	99.6777	40.0108	3.92433
14800	5.7712	-3.9273	3.9210	99.8349	39.8968	3.93063
14900	5.7728	-3.9308	3.9268	99.9834	39.7771	3.93636
15000	5.7744	-3.9343	3.9322	100.1245	39.6526	3.94157

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5426	-1.0633	0.9990	22.6564	3.4880	1.00000
200	2.8445	-1.3648	0.9999	25.0843	3.4951	1.00000
300	3.0211	-1.5409	1.0000	26.5043	3.4990	1.00000
400	3.1470	-1.6657	1.0001	27.5136	3.5072	1.00000
500	3.2450	-1.7628	1.0001	28.3024	3.5156	1.00000
600	3.3251	-1.8420	1.0001	28.9564	3.5232	1.00000
700	3.3930	-1.9089	1.0001	29.5204	3.5310	1.00000
800	3.4552	-1.9671	1.0001	30.0197	3.5655	1.00000
900	3.5098	-2.0183	1.0001	30.4695	3.5938	1.00000
1000	3.5589	-2.0638	1.0000	30.8805	3.6218	1.00000
1100	3.6039	-2.1052	1.0000	31.2574	3.6521	1.00000

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-2.1430	1.0000	31.6068	3.6823	1.00000
1300	3.6835	-2.1777	1.0000	31.9323	3.7120	1.00000
1400	3.7191	-2.2099	1.0000	32.2371	3.7406	1.00000
1500	3.7522	-2.2399	1.0000	32.5236	3.7681	1.00000
1600	3.7832	-2.2679	1.0000	32.7938	3.7943	1.00000
1700	3.8124	-2.2942	1.0000	33.0494	3.8191	1.00000
1800	3.8399	-2.3191	1.0000	33.2919	3.8427	1.00000
1900	3.8659	-2.3425	1.0000	33.5226	3.8650	1.00000
2000	3.8918	-2.3646	1.0000	33.7551	3.8973	1.00000
2100	3.9153	-2.3858	1.0000	33.9667	3.9179	1.00000
2200	3.9377	-2.4060	1.0000	34.1693	3.9384	1.00000
2300	3.9591	-2.4253	1.0000	34.3635	3.9567	1.00000
2400	3.9795	-2.4438	1.0000	34.5502	3.9743	1.00000
2500	3.9991	-2.4615	1.0000	34.7298	3.9919	1.00000
2600	4.0179	-2.4786	1.0000	34.9027	4.0079	1.00000
2700	4.0359	-2.4950	1.0000	35.0697	4.0229	1.00000
2800	4.0534	-2.5108	1.0000	35.2311	4.0383	1.00001
2900	4.0701	-2.5260	1.0000	35.3873	4.0525	1.00002
3000	4.0863	-2.5407	1.0000	35.5390	4.0661	1.00003
3100	4.1021	-2.5550	1.0001	35.6865	4.0805	1.00007
3200	4.1173	-2.5688	1.0001	35.8304	4.0943	1.00013
3300	4.1323	-2.5822	1.0002	35.9716	4.1092	1.00022
3400	4.1470	-2.5953	1.0004	36.1106	4.1260	1.00038
3500	4.1615	-2.6079	1.0006	36.2488	4.1436	1.00061
3600	4.1760	-2.6203	1.0010	36.3872	4.1654	1.00098
3700	4.1905	-2.6325	1.0015	36.5277	4.1908	1.00152
3800	4.2055	-2.6444	1.0023	36.6722	4.2237	1.00230
3900	4.2209	-2.6561	1.0034	36.8229	4.2642	1.00341
4000	4.2371	-2.6678	1.0050	36.9830	4.3152	1.00496
4100	4.2543	-2.6794	1.0071	37.1557	4.3807	1.00708
4200	4.2729	-2.6911	1.0099	37.3452	4.4636	1.00994
4300	4.2933	-2.7030	1.0137	37.5566	4.5693	1.01374
4400	4.3156	-2.7151	1.0187	37.7947	4.7005	1.01871
4500	4.3403	-2.7276	1.0252	38.0666	4.8655	1.02515
4600	4.3676	-2.7406	1.0334	38.3784	5.0679	1.03337
4700	4.3977	-2.7543	1.0437	38.7384	5.3162	1.04374
4800	4.4308	-2.7688	1.0567	39.1554	5.6180	1.05669
4900	4.4670	-2.7843	1.0727	39.6382	5.9818	1.07270
5000	4.5061	-2.8009	1.0922	40.1962	6.4144	1.09225
5100	4.5480	-2.8189	1.1161	40.8370	6.9255	1.11605
5200	4.5924	-2.8381	1.1443	41.5748	7.5227	1.14431
5300	4.6388	-2.8589	1.1777	42.4150	8.2128	1.17766
5400	4.6866	-2.8811	1.2165	43.3632	8.9998	1.21653
5500	4.7353	-2.9047	1.2611	44.4206	9.8837	1.26113
5600	4.7840	-2.9295	1.3114	45.5828	10.8588	1.31142
5700	4.8318	-2.9552	1.3670	46.8375	11.9115	1.36697
5800	4.8780	-2.9814	1.4268	48.1628	13.0198	1.42684
5900	4.9217	-3.0075	1.4896	49.5280	14.1524	1.48961
6000	4.9620	-3.0330	1.5534	50.8948	15.2710	1.55341
6100	4.9984	-3.0574	1.6159	52.2180	16.3327	1.61595
6200	5.0305	-3.0801	1.6753	53.4623	17.3032	1.67530
6300	5.0583	-3.1009	1.7298	54.5978	18.1549	1.72979
6400	5.0820	-3.1198	1.7783	55.6063	18.8717	1.77827
6500	5.1018	-3.1366	1.8202	56.4820	19.4501	1.82022
6600	5.1183	-3.1517	1.8557	57.2295	19.8971	1.85572

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.1320	-3.1650	1.8852	57.8607	20.2264	1.88521
6800	5.1433	-3.1770	1.9094	58.3915	20.4554	1.90940
6900	5.1528	-3.1878	1.9291	58.8384	20.6025	1.92911
7000	5.1607	-3.1976	1.9451	59.2178	20.6846	1.94513
7100	5.1676	-3.2067	1.9582	59.5440	20.7170	1.95819
7200	5.1736	-3.2152	1.9689	59.8290	20.7124	1.96893
7300	5.1789	-3.2231	1.9779	60.0834	20.6814	1.97790
7400	5.1838	-3.2307	1.9855	60.3151	20.6319	1.98551
7500	5.1883	-3.2380	1.9921	60.5308	20.5710	1.99216
7600	5.1927	-3.2450	1.9981	60.7358	20.5040	1.99811
7700	5.1969	-3.2519	2.0036	60.9344	20.4350	2.00362
7800	5.2010	-3.2586	2.0088	61.1302	20.3676	2.00888
7900	5.2052	-3.2653	2.0140	61.3261	20.3046	2.01406
8000	5.2095	-3.2719	2.0192	61.5247	20.2480	2.01929
8100	5.2138	-3.2784	2.0246	61.7278	20.2000	2.02472
8200	5.2184	-3.2850	2.0303	61.9376	20.1621	2.03042
8300	5.2231	-3.2915	2.0364	62.1557	20.1359	2.03651
8400	5.2280	-3.2981	2.0429	62.3836	20.1228	2.04308
8500	5.2331	-3.3048	2.0500	62.6228	20.1240	2.05021
8600	5.2386	-3.3115	2.0577	62.8748	20.1404	2.05798
8700	5.2443	-3.3183	2.0662	63.1408	20.1734	2.06649
8800	5.2503	-3.3252	2.0755	63.4221	20.2239	2.07580
8900	5.2567	-3.3322	2.0856	63.7203	20.2932	2.08600
9000	5.2635	-3.3394	2.0967	64.0364	20.3820	2.09717
9100	5.2706	-3.3467	2.1089	64.3717	20.4915	2.10940
9200	5.2781	-3.3542	2.1221	64.7277	20.6229	2.12275
9300	5.2361	-3.3618	2.1366	65.1054	20.7769	2.13732
9400	5.2944	-3.3697	2.1524	65.5064	20.9547	2.15320
9500	5.3032	-3.3777	2.1695	65.9314	21.1567	2.17044
9600	5.3124	-3.3859	2.1881	66.3820	21.3847	2.18917
9700	5.3220	-3.3944	2.2082	66.8592	21.6390	2.20944
9800	5.3321	-3.4031	2.2300	67.3640	21.9206	2.23134
9900	5.3426	-3.4121	2.2534	67.8977	22.2301	2.25494
10000	5.3535	-3.4213	2.2786	68.4610	22.5683	2.28034
10100	5.3648	-3.4307	2.3057	69.0543	22.9353	2.30757
10200	5.3766	-3.4404	2.3346	69.6789	23.3321	2.33673
10300	5.3886	-3.4504	2.3654	70.3344	23.7579	2.36782
10400	5.4011	-3.4605	2.3983	71.0217	24.2137	2.40092
10500	5.4139	-3.4710	2.4331	71.7402	24.6981	2.43604
10600	5.4269	-3.4816	2.4700	72.4900	25.2112	2.47318
10700	5.4402	-3.4925	2.5088	73.2701	25.7520	2.51235
10800	5.4537	-3.5035	2.5497	74.0796	26.3193	2.55350
10900	5.4674	-3.5147	2.5923	74.9162	26.9106	2.59654
11000	5.4811	-3.5261	2.6369	75.7735	27.5242	2.64142
11100	5.4949	-3.5376	2.6831	76.6645	28.1581	2.68802
11200	5.5087	-3.5491	2.7309	77.5704	28.8089	2.73616
11300	5.5225	-3.5607	2.7800	78.4934	29.4727	2.78569
11400	5.5361	-3.5723	2.8303	79.4294	30.1461	2.83638
11500	5.5496	-3.5839	2.8816	80.3751	30.8257	2.88804
11600	5.5628	-3.5954	2.9335	81.3248	31.5056	2.94036
11700	5.5758	-3.6068	2.9858	82.2754	32.1827	2.99311
11800	5.5884	-3.6181	3.0383	83.2202	32.8509	3.04593
11900	5.6007	-3.6292	3.0905	84.1559	33.5064	3.09857
12000	5.6125	-3.6400	3.1424	85.0781	34.1449	3.15077
12100	5.6239	-3.6506	3.1933	85.9796	34.7605	3.20208

LOG P=-1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.6348	-3.6609	3.2432	86.8583	35.3507	3.25233
12300	5.6451	-3.6709	3.2918	87.7098	35.9111	3.30123
12400	5.6550	-3.6806	3.3388	88.5306	36.4391	3.34854
12500	5.6643	-3.6900	3.3841	89.3187	36.9325	3.39408
12600	5.6731	-3.6989	3.4275	90.0715	37.3893	3.43767
12700	5.6814	-3.7076	3.4688	90.7881	37.8087	3.47921
12800	5.6892	-3.7159	3.5079	91.4665	38.1892	3.51856
12900	5.6964	-3.7238	3.5449	92.1077	38.5317	3.55572
13000	5.7032	-3.7314	3.5797	92.7105	38.8358	3.59061
13100	5.7095	-3.7386	3.6122	93.2759	39.1029	3.62325
13200	5.7153	-3.7456	3.6426	93.8056	39.3344	3.65371
13300	5.7208	-3.7522	3.6708	94.3002	39.5312	3.68201
13400	5.7258	-3.7586	3.6970	94.7613	39.6956	3.70824
13500	5.7305	-3.7646	3.7212	95.1909	39.8294	3.73247
13600	5.7349	-3.7704	3.7435	95.5907	39.9348	3.75484
13700	5.7389	-3.7760	3.7641	95.9622	40.0133	3.77540
13800	5.7427	-3.7813	3.7830	96.3077	40.0674	3.79429
13900	5.7462	-3.7864	3.8003	96.6287	40.0991	3.81160
14000	5.7496	-3.7914	3.8162	96.9457	40.1286	3.82746
14100	5.7524	-3.7961	3.8308	97.2056	40.1031	3.84197
14200	5.7552	-3.8007	3.8441	97.4648	40.0791	3.85525
14300	5.7578	-3.8051	3.8563	97.7065	40.0395	3.86736
14400	5.7603	-3.8094	3.8674	97.9326	39.9866	3.87843
14500	5.7626	-3.8135	3.8776	98.1442	39.9217	3.88854
14600	5.7647	-3.8176	3.8869	98.3422	39.8460	3.89774
14700	5.7668	-3.8215	3.8954	98.5287	39.7604	3.90616
14800	5.7687	-3.8253	3.9032	98.7042	39.6663	3.91385
14900	5.7705	-3.8290	3.9103	98.8697	39.5659	3.92086
15000	5.7722	-3.8326	3.9168	99.0261	39.4577	3.92726

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5425	-0.9633	0.9988	22.4259	3.4875	1.00000
200	2.8445	-1.2648	0.9999	24.8540	3.4951	1.00000
300	3.0211	-1.4409	1.0000	26.2740	3.4990	1.00000
400	3.1470	-1.5657	1.0001	27.2833	3.5072	1.00000
500	3.2450	-1.6628	1.0001	28.0721	3.5156	1.00000
600	3.3251	-1.7420	1.0001	28.7261	3.5232	1.00000
700	3.3930	-1.8089	1.0001	29.2901	3.5310	1.00000
800	3.4552	-1.8670	1.0001	29.7894	3.5655	1.00000
900	3.5098	-1.9182	1.0001	30.2392	3.5938	1.00000
1000	3.5589	-1.9638	1.0000	30.6502	3.6218	1.00000
1100	3.6039	-2.0052	1.0000	31.0272	3.6521	1.00000
1200	3.6453	-2.0430	1.0000	31.3765	3.6824	1.00000
1300	3.6835	-2.0777	1.0000	31.7020	3.7120	1.00000
1400	3.7191	-2.1099	1.0000	32.0068	3.7406	1.00000
1500	3.7522	-2.1399	1.0000	32.2933	3.7681	1.00000
1600	3.7832	-2.1679	1.0000	32.5635	3.7942	1.00000
1700	3.8124	-2.1942	1.0000	32.8192	3.8191	1.00000
1800	3.8399	-2.2191	1.0000	33.0617	3.8427	1.00000
1900	3.8659	-2.2425	1.0000	33.2923	3.8650	1.00000
2000	3.8918	-2.2646	1.0000	33.5248	3.8973	1.00000
2100	3.9153	-2.2858	1.0000	33.7365	3.9179	1.00000
2200	3.9377	-2.3060	1.0000	33.9389	3.9384	1.00000

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-2.3253	1.0000	34.1333	3.9567	1.00000
2400	3.9795	-2.3438	1.0000	34.3199	3.9743	1.00000
2500	3.9991	-2.3615	1.0000	34.4995	3.9919	1.00000
2600	4.0179	-2.3786	1.0000	34.6724	4.0079	1.00000
2700	4.0359	-2.3950	1.0000	34.8394	4.0228	1.00000
2800	4.0534	-2.4108	1.0000	35.0009	4.0382	1.00001
2900	4.0701	-2.4260	1.0000	35.1570	4.0524	1.00002
3000	4.0863	-2.4407	1.0000	35.3086	4.0659	1.00003
3100	4.1020	-2.4550	1.0001	35.4560	4.0802	1.00006
3200	4.1173	-2.4688	1.0001	35.5996	4.0938	1.00012
3300	4.1322	-2.4822	1.0002	35.7404	4.1084	1.00020
3400	4.1469	-2.4952	1.0003	35.8788	4.1246	1.00033
3500	4.1612	-2.5079	1.0006	36.0161	4.1414	1.00055
3600	4.1756	-2.5203	1.0009	36.1532	4.1619	1.00087
3700	4.1900	-2.5324	1.0014	36.2918	4.1856	1.00136
3800	4.2047	-2.5443	1.0021	36.4337	4.2160	1.00205
3900	4.2198	-2.5560	1.0030	36.5808	4.2532	1.00304
4000	4.2355	-2.5676	1.0044	36.7358	4.2994	1.00442
4100	4.2522	-2.5791	1.0063	36.9020	4.3588	1.00630
4200	4.2700	-2.5907	1.0089	37.0828	4.4335	1.00885
4300	4.2894	-2.6024	1.0123	37.2827	4.5287	1.01224
4400	4.3106	-2.6142	1.0167	37.5064	4.6464	1.01668
4500	4.3339	-2.6264	1.0224	37.7597	4.7944	1.02241
4600	4.3596	-2.6391	1.0297	38.0486	4.9755	1.02974
4700	4.3879	-2.6523	1.0390	38.3801	5.1976	1.03898
4800	4.4190	-2.6663	1.0505	38.7623	5.4676	1.05054
4900	4.4531	-2.6811	1.0648	39.2034	5.7930	1.06483
5000	4.4900	-2.6969	1.0823	39.7114	6.1801	1.08229
5100	4.5296	-2.7140	1.1036	40.2933	6.6374	1.10357
5200	4.5717	-2.7323	1.1289	40.9635	7.1732	1.12889
5300	4.6160	-2.7519	1.1589	41.7273	7.7941	1.15886
5400	4.6621	-2.7730	1.1939	42.5909	8.5051	1.19391
5500	4.7092	-2.7954	1.2344	43.5578	9.3083	1.23436
5600	4.7569	-2.8191	1.2804	44.6275	10.2019	1.28034
5700	4.8042	-2.8439	1.3317	45.7928	11.1775	1.33167
5800	4.8505	-2.8693	1.3877	47.0388	12.2195	1.38774
5900	4.8948	-2.8951	1.4475	48.3420	13.3039	1.44752
6000	4.9365	-2.9206	1.5095	49.6709	14.3993	1.50949
6100	4.9747	-2.9453	1.5716	50.9851	15.4665	1.57164
6200	5.0091	-2.9687	1.6321	52.2498	16.4715	1.63211
6300	5.0394	-2.9906	1.6891	53.4313	17.3821	1.68909
6400	5.0657	-3.0106	1.7411	54.5043	18.1750	1.74108
6500	5.0880	-3.0287	1.7871	55.4548	18.8302	1.78714
6600	5.1067	-3.0449	1.8269	56.2799	19.3716	1.82694
6700	5.1224	-3.0593	1.8606	56.9856	19.7825	1.86063
6800	5.1354	-3.0723	1.8887	57.5838	20.0854	1.88868
6900	5.1463	-3.0839	1.9118	58.0893	20.2960	1.91179
7000	5.1554	-3.0944	1.9307	58.5178	20.4313	1.93071
7100	5.1632	-3.1040	1.9462	58.8839	20.5068	1.94619
7200	5.1699	-3.1129	1.9589	59.2006	20.5365	1.95889
7300	5.1758	-3.1213	1.9694	59.4794	20.5319	1.96941
7400	5.1810	-3.1291	1.9782	59.7294	20.5026	1.97824
7500	5.1859	-3.1366	1.9858	59.9582	20.4565	1.98581
7600	5.1904	-3.1438	1.9924	60.1719	20.3994	1.99244
7700	5.1948	-3.1508	1.9984	60.3756	20.3370	1.99842

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.1990	-3.1576	2.0039	60.5733	20.2728	2.00397
7900	5.2032	-3.1643	2.0092	60.7683	20.2098	2.00928
8000	5.2074	-3.1708	2.0144	60.9635	20.1510	2.01451
8100	5.2116	-3.1774	2.0197	61.1610	20.0985	2.01980
8200	5.2160	-3.1839	2.0251	61.3630	20.0542	2.02527
8300	5.2205	-3.1904	2.0309	61.5712	20.0196	2.03100
8400	5.2252	-3.1969	2.0369	61.7874	19.9962	2.03711
8500	5.2301	-3.2034	2.0435	62.0129	19.9851	2.04368
8600	5.2353	-3.2100	2.0506	62.2491	19.9874	2.05079
8700	5.2406	-3.2166	2.0582	62.4973	20.0045	2.05852
8800	5.2463	-3.2233	2.0666	62.7588	20.0375	2.06694
8900	5.2523	-3.2302	2.0758	63.0349	20.0867	2.07613
9000	5.2586	-3.2371	2.0858	63.3267	20.1538	2.08619
9100	5.2652	-3.2442	2.0967	63.6356	20.2396	2.09717
9200	5.2722	-3.2514	2.1086	63.9625	20.3447	2.10914
9300	5.2796	-3.2587	2.1215	64.3088	20.4706	2.12220
9400	5.2874	-3.2663	2.1357	64.6758	20.6178	2.13643
9500	5.2955	-3.2740	2.1510	65.0642	20.7871	2.15188
9600	5.3041	-3.2819	2.1676	65.4756	20.9799	2.16865
9700	5.3130	-3.2900	2.1857	65.9108	21.1966	2.18681
9800	5.3224	-3.2983	2.2051	66.3708	21.4381	2.20644
9900	5.3322	-3.3068	2.2262	66.8569	21.7051	2.22760
10000	5.3424	-3.3155	2.2488	67.3699	21.9985	2.25041
10100	5.3530	-3.3245	2.2730	67.9102	22.3184	2.27487
10200	5.3640	-3.3338	2.2991	68.4792	22.6658	2.30110
10300	5.3753	-3.3432	2.3268	69.0767	23.0403	2.32910
10400	5.3870	-3.3529	2.3565	69.7038	23.4430	2.35899
10500	5.3991	-3.3628	2.3879	70.3602	23.8729	2.39074
10600	5.4115	-3.3730	2.4213	71.0462	24.3305	2.42442
10700	5.4241	-3.3833	2.4566	71.7615	24.8148	2.46003
10800	5.4370	-3.3939	2.4938	72.5054	25.3255	2.49755
10900	5.4501	-3.4046	2.5329	73.2766	25.8611	2.53695
11000	5.4633	-3.4156	2.5738	74.0744	26.4201	2.57820
11100	5.4767	-3.4266	2.6164	74.8974	27.0014	2.62124
11200	5.4902	-3.4378	2.6607	75.7427	27.6019	2.66593
11300	5.5036	-3.4491	2.7066	76.6082	28.2192	2.71217
11400	5.5171	-3.4604	2.7538	77.4911	28.8507	2.75980
11500	5.5304	-3.4718	2.8023	78.3885	29.4930	2.80867
11600	5.5436	-3.4832	2.8517	79.2958	30.1421	2.85852
11700	5.5567	-3.4945	2.9019	80.2102	30.7948	2.90917
11800	5.5694	-3.5057	2.9526	81.1259	31.4456	2.96030
11900	5.5819	-3.5168	3.0036	82.0402	32.0918	3.01173
12000	5.5941	-3.5277	3.0547	82.9491	32.7290	3.06320
12100	5.6059	-3.5385	3.1054	83.8458	33.3518	3.11430
12200	5.6173	-3.5490	3.1556	84.7278	33.9570	3.16485
12300	5.6282	-3.5593	3.2049	85.5906	34.5401	3.21454
12400	5.6387	-3.5693	3.2531	86.4303	35.0980	3.26315
12500	5.6487	-3.5790	3.3001	87.2443	35.6280	3.31044
12600	5.6582	-3.5884	3.3455	88.0290	36.1269	3.35617
12700	5.6672	-3.5975	3.3893	88.7827	36.5930	3.40021
12800	5.6757	-3.6063	3.4312	89.5025	37.0240	3.44235
12900	5.6837	-3.6147	3.4712	90.1884	37.4206	3.48253
13000	5.6912	-3.6227	3.5091	90.8387	37.7803	3.52064
13100	5.6982	-3.6305	3.5449	91.4529	38.1040	3.55661
13200	5.7048	-3.6379	3.5786	92.0323	38.3927	3.59048

LOG P=-1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.7110	-3.6450	3.6102	92.5769	38.6465	3.62223
13400	5.7167	-3.6518	3.6398	93.0876	38.8671	3.65188
13500	5.7220	-3.6583	3.6673	93.5658	39.0552	3.67951
13600	5.7270	-3.6645	3.6930	94.0128	39.2134	3.70519
13700	5.7316	-3.6705	3.7167	94.4298	39.3429	3.72896
13800	5.7359	-3.6762	3.7387	94.8189	39.4454	3.75094
13900	5.7399	-3.6817	3.7589	95.1813	39.5228	3.77121
14000	5.7438	-3.6870	3.7776	95.5370	39.5949	3.78988
14100	5.7470	-3.6920	3.7948	95.8342	39.6101	3.80706
14200	5.7502	-3.6969	3.8106	96.1279	39.6241	3.82284
14300	5.7532	-3.7016	3.8252	96.4019	39.6196	3.83732
14400	5.7561	-3.7061	3.8385	96.6579	39.5996	3.85059
14500	5.7587	-3.7105	3.8507	96.8972	39.5651	3.86275
14600	5.7611	-3.7148	3.8619	97.1210	39.5173	3.87388
14700	5.7635	-3.7189	3.8722	97.3312	39.4578	3.88407
14800	5.7656	-3.7229	3.8816	97.5286	39.3875	3.89340
14900	5.7677	-3.7268	3.8902	97.7140	39.3082	3.90194
15000	5.7696	-3.7305	3.8981	97.8890	39.2205	3.90975

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5425	-0.8632	0.9987	22.1953	3.4871	1.00000
200	2.8445	-1.1648	0.9998	24.6237	3.4950	1.00000
300	3.0211	-1.3409	1.0000	26.0437	3.4990	1.00000
400	3.1470	-1.4658	1.0001	27.0531	3.5072	1.00000
500	3.2450	-1.5627	1.0002	27.8419	3.5156	1.00000
600	3.3251	-1.6420	1.0001	28.4959	3.5232	1.00000
700	3.3930	-1.7089	1.0002	29.0599	3.5310	1.00000
800	3.4552	-1.7670	1.0002	29.5591	3.5655	1.00000
900	3.5098	-1.8182	1.0001	30.0090	3.5938	1.00000
1000	3.5589	-1.8638	1.0000	30.4200	3.6218	1.00000
1100	3.6039	-1.9052	1.0000	30.7970	3.6521	1.00000
1200	3.6453	-1.9430	1.0000	31.1462	3.6824	1.00000
1300	3.6835	-1.9777	1.0000	31.4718	3.7120	1.00000
1400	3.7191	-2.0099	1.0000	31.7766	3.7406	1.00000
1500	3.7522	-2.0399	1.0000	32.0630	3.7681	1.00000
1600	3.7832	-2.0679	1.0000	32.3333	3.7943	1.00000
1700	3.8124	-2.0942	1.0000	32.5889	3.8191	1.00000
1800	3.8399	-2.1191	1.0000	32.8314	3.8427	1.00000
1900	3.8659	-2.1425	1.0000	33.0621	3.8650	1.00000
2000	3.8918	-2.1646	1.0000	33.2945	3.8973	1.00000
2100	3.9153	-2.1858	1.0000	33.5062	3.9179	1.00000
2200	3.9377	-2.2060	1.0000	33.7087	3.9384	1.00000
2300	3.9591	-2.2253	1.0000	33.9030	3.9567	1.00000
2400	3.9795	-2.2438	1.0000	34.0896	3.9743	1.00000
2500	3.9991	-2.2615	1.0000	34.2692	3.9919	1.00000
2600	4.0179	-2.2786	1.0000	34.4422	4.0079	1.00000
2700	4.0359	-2.2950	1.0000	34.6092	4.0228	1.00000
2800	4.0533	-2.3108	1.0000	34.7706	4.0382	1.00001
2900	4.0701	-2.3260	1.0000	34.9267	4.0523	1.00001
3000	4.0863	-2.3407	1.0000	35.0781	4.0658	1.00003
3100	4.1020	-2.3550	1.0001	35.2254	4.0799	1.00006
3200	4.1172	-2.3688	1.0001	35.3689	4.0934	1.00010
3300	4.1321	-2.3822	1.0002	35.5093	4.1076	1.00018

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1467	-2.3952	1.0003	35.6472	4.1233	1.00030
3500	4.1610	-2.4079	1.0005	35.7837	4.1394	1.00049
3600	4.1753	-2.4202	1.0008	35.9197	4.1588	1.00078
3700	4.1895	-2.4323	1.0012	36.0566	4.1809	1.00120
3800	4.2040	-2.4442	1.0018	36.1962	4.2092	1.00183
3900	4.2188	-2.4558	1.0027	36.3400	4.2433	1.00271
4000	4.2341	-2.4674	1.0039	36.4906	4.2854	1.00394
4100	4.2502	-2.4788	1.0056	36.6508	4.3393	1.00562
4200	4.2674	-2.4903	1.0079	36.8238	4.4067	1.00789
4300	4.2860	-2.5018	1.0109	37.0136	4.4925	1.01091
4400	4.3060	-2.5135	1.0149	37.2242	4.5982	1.01486
4500	4.3282	-2.5254	1.0200	37.4611	4.7309	1.01998
4600	4.3523	-2.5377	1.0265	37.7295	4.8932	1.02651
4700	4.3790	-2.5505	1.0348	38.0357	5.0919	1.03475
4800	4.4083	-2.5640	1.0451	38.3869	5.3335	1.04506
4900	4.4403	-2.5782	1.0578	38.7906	5.6245	1.05780
5000	4.4750	-2.5933	1.0734	39.2540	5.9707	1.07339
5100	4.5124	-2.6096	1.0924	39.7829	6.3796	1.09241
5200	4.5523	-2.6269	1.1151	40.3920	6.8599	1.11507
5300	4.5945	-2.6455	1.1420	41.0860	7.4177	1.14194
5400	4.6386	-2.6655	1.1735	41.8717	8.0585	1.17349
5500	4.6841	-2.6868	1.2101	42.7540	8.7858	1.21006
5600	4.7305	-2.7094	1.2519	43.7345	9.6004	1.25190
5700	4.7770	-2.7331	1.2990	44.8103	10.4979	1.29899
5800	4.8229	-2.7577	1.3510	45.9720	11.4681	1.35102
5900	4.8675	-2.7828	1.4073	47.2026	12.4936	1.40728
6000	4.9101	-2.8081	1.4666	48.4783	13.5498	1.46664
6100	4.9498	-2.8329	1.5274	49.7643	14.6027	1.52742
6200	4.9861	-2.8568	1.5879	51.0284	15.6207	1.58794
6300	5.0187	-2.8795	1.6464	52.2359	16.5705	1.64635
6400	5.0473	-2.9005	1.7010	53.3576	17.4244	1.70100
6500	5.0721	-2.9197	1.7506	54.3732	18.1639	1.75064
6600	5.0933	-2.9371	1.7945	55.2719	18.7805	1.79454
6700	5.1111	-2.9527	1.8325	56.0527	19.2749	1.83246
6800	5.1260	-2.9667	1.8646	56.7221	19.6558	1.86459
6900	5.1385	-2.9792	1.8914	57.2918	19.9360	1.89142
7000	5.1490	-2.9906	1.9136	57.7757	20.1316	1.91361
7100	5.1578	-3.0008	1.9319	58.1882	20.2573	1.93188
7200	5.1654	-3.0103	1.9469	58.5428	20.3279	1.94689
7300	5.1720	-3.0190	1.9593	58.8516	20.3563	1.95930
7400	5.1779	-3.0272	1.9696	59.1249	20.3526	1.96965
7500	5.1831	-3.0350	1.9784	59.3713	20.3261	1.97840
7600	5.1880	-3.0424	1.9859	59.5977	20.2834	1.98594
7700	5.1925	-3.0495	1.9926	59.8099	20.2308	1.99258
7800	5.1969	-3.0564	1.9985	60.0124	20.1725	1.99860
7900	5.2011	-3.0632	2.0041	60.2092	20.1128	2.00420
8000	5.2053	-3.0698	2.0095	60.4034	20.0543	2.00957
8100	5.2095	-3.0763	2.0148	60.5977	19.9999	2.01486
8200	5.2138	-3.0828	2.0201	60.7941	19.9513	2.02020
8300	5.2182	-3.0892	2.0256	60.9947	19.9102	2.02569
8400	5.2227	-3.0957	2.0313	61.2012	19.8785	2.03146
8500	5.2273	-3.1021	2.0374	61.4152	19.8574	2.03757
8600	5.2322	-3.1086	2.0439	61.6379	19.8478	2.04412
8700	5.2373	-3.1151	2.0509	61.8707	19.8512	2.05120
8800	5.2427	-3.1217	2.0586	62.1150	19.8686	2.05886

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.2483	-3.1283	2.0668	62.3717	19.9007	2.06719
9000	5.2542	-3.1350	2.0759	62.6422	19.9485	2.07626
9100	5.2604	-3.1419	2.0857	62.9276	20.0132	2.08615
9200	5.2669	-3.1489	2.0964	63.2290	20.0952	2.09691
9300	5.2737	-3.1560	2.1080	63.5474	20.1959	2.10863
9400	5.2810	-3.1632	2.1207	63.8842	20.3161	2.12139
9500	5.2885	-3.1706	2.1344	64.2399	20.4561	2.13524
9600	5.2965	-3.1782	2.1493	64.6162	20.6173	2.15026
9700	5.3048	-3.1859	2.1655	65.0137	20.8002	2.16654
9800	5.3136	-3.1939	2.1829	65.4335	21.0055	2.18412
9900	5.3227	-3.2020	2.2017	65.8767	21.2345	2.20310
10000	5.3322	-3.2103	2.2220	66.3443	21.4873	2.22355
10100	5.3421	-3.2189	2.2438	66.8364	21.7645	2.24550
10200	5.3523	-3.2277	2.2671	67.3548	22.0670	2.26907
10300	5.3630	-3.2367	2.2921	67.8991	22.3945	2.29426
10400	5.3740	-3.2459	2.3187	68.4709	22.7483	2.32117
10500	5.3853	-3.2553	2.3471	69.0697	23.1275	2.34982
10600	5.3970	-3.2650	2.3773	69.6964	23.5333	2.38027
10700	5.4090	-3.2749	2.4093	70.3507	23.9644	2.41253
10800	5.4212	-3.2850	2.4430	71.0326	24.4213	2.44662
10900	5.4337	-3.2952	2.4786	71.7410	24.9023	2.48251
11000	5.4464	-3.3057	2.5159	72.4757	25.4074	2.52021
11100	5.4592	-3.3163	2.5550	73.2360	25.9353	2.55970
11200	5.4722	-3.3271	2.5958	74.0196	26.4837	2.60088
11300	5.4853	-3.3380	2.6382	74.8253	27.0516	2.64368
11400	5.4984	-3.3490	2.6821	75.6510	27.6363	2.68801
11500	5.5115	-3.3601	2.7274	76.4944	28.2358	2.73375
11600	5.5245	-3.3712	2.7740	77.3520	28.8462	2.78069
11700	5.5375	-3.3823	2.8215	78.2218	29.4658	2.82873
11800	5.5503	-3.3934	2.8699	79.0987	30.0893	2.87759
11900	5.5629	-3.4044	2.9190	79.9807	30.7149	2.92712
12000	5.5753	-3.4153	2.9686	80.8642	31.3385	2.97711
12100	5.5873	-3.4261	3.0182	81.7433	31.9549	3.02720
12200	5.5991	-3.4368	3.0678	82.6152	32.5612	3.07720
12300	5.6104	-3.4472	3.1170	83.4754	33.1530	3.12682
12400	5.6214	-3.4575	3.1656	84.3206	33.7269	3.17585
12500	5.6320	-3.4675	3.2134	85.1467	34.2799	3.22400
12600	5.6421	-3.4772	3.2601	85.9504	34.8085	3.27105
12700	5.6517	-3.4866	3.3055	86.7293	35.3100	3.31681
12800	5.6609	-3.4958	3.3495	87.4802	35.7823	3.36107
12900	5.6696	-3.5046	3.3918	88.2018	36.2236	3.40370
13000	5.6778	-3.5131	3.4324	88.8921	36.6328	3.44453
13100	5.6856	-3.5213	3.4711	89.5492	37.0079	3.48346
13200	5.6929	-3.5292	3.5079	90.1741	37.3502	3.52046
13300	5.6997	-3.5368	3.5427	90.7659	37.6588	3.55547
13400	5.7061	-3.5440	3.5755	91.3244	37.9344	3.58845
13500	5.7121	-3.5510	3.6064	91.8507	38.1776	3.61946
13600	5.7178	-3.5577	3.6353	92.3455	38.3896	3.64849
13700	5.7230	-3.5641	3.6623	92.8092	38.5713	3.67557
13800	5.7279	-3.5702	3.6875	93.2438	38.7248	3.70079
13900	5.7324	-3.5761	3.7109	93.6501	38.8512	3.72420
14000	5.7369	-3.5817	3.7326	94.0476	38.9695	3.74590
14100	5.7406	-3.5872	3.7526	94.3852	39.0301	3.76598
14200	5.7443	-3.5924	3.7712	94.7169	39.0857	3.78453
14300	5.7477	-3.5974	3.7883	95.0267	39.1207	3.80162

LOG P=-1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7510	-3.6022	3.8041	95.3163	39.1377	3.81738
14500	5.7540	-3.6069	3.8186	95.5870	39.1377	3.83186
14600	5.7568	-3.6114	3.8320	95.8400	39.1218	3.84516
14700	5.7594	-3.6157	3.8443	96.0776	39.0924	3.85741
14800	5.7619	-3.6200	3.8556	96.3002	39.0504	3.86865
14900	5.7642	-3.6241	3.8660	96.5091	38.9963	3.87896
15000	5.7664	-3.6280	3.8756	96.7057	38.9323	3.88843

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5424	-0.7632	0.9986	21.9648	3.4867	1.00000
200	2.8445	-1.0647	0.9998	24.3934	3.4949	1.00000
300	3.0211	-1.2409	1.0000	25.8134	3.4990	1.00000
400	3.1470	-1.3658	1.0002	26.8228	3.5072	1.00000
500	3.2450	-1.4627	1.0002	27.6116	3.5156	1.00000
600	3.3251	-1.5420	1.0002	28.2656	3.5232	1.00000
700	3.3930	-1.6089	1.0002	28.8296	3.5310	1.00000
800	3.4552	-1.6669	1.0002	29.3289	3.5655	1.00000
900	3.5098	-1.7181	1.0002	29.7787	3.5938	1.00000
1000	3.5589	-1.7638	1.0000	30.1897	3.6218	1.00000
1100	3.6039	-1.8052	1.0000	30.5667	3.6521	1.00000
1200	3.6453	-1.8430	1.0000	30.9160	3.6824	1.00000
1300	3.6835	-1.8777	1.0000	31.2415	3.7120	1.00000
1400	3.7191	-1.9099	1.0000	31.5463	3.7406	1.00000
1500	3.7522	-1.9399	1.0000	31.8328	3.7681	1.00000
1600	3.7832	-1.9679	1.0000	32.1030	3.7942	1.00000
1700	3.8124	-1.9942	1.0000	32.3586	3.8191	1.00000
1800	3.8399	-2.0191	1.0000	32.6012	3.8427	1.00000
1900	3.8659	-2.0425	1.0000	32.8318	3.8650	1.00000
2000	3.8918	-2.0646	1.0000	33.0643	3.8973	1.00000
2100	3.9153	-2.0858	1.0000	33.2759	3.9179	1.00000
2200	3.9377	-2.1060	1.0000	33.4784	3.9384	1.00000
2300	3.9591	-2.1253	1.0000	33.6727	3.9567	1.00000
2400	3.9795	-2.1438	1.0000	33.8593	3.9743	1.00000
2500	3.9991	-2.1615	1.0000	34.0389	3.9919	1.00000
2600	4.0179	-2.1786	1.0000	34.2119	4.0078	1.00000
2700	4.0359	-2.1950	1.0000	34.3789	4.0228	1.00000
2800	4.0533	-2.2108	1.0000	34.5403	4.0382	1.00001
2900	4.0701	-2.2260	1.0000	34.6963	4.0522	1.00001
3000	4.0863	-2.2407	1.0000	34.8477	4.0656	1.00003
3100	4.1020	-2.2550	1.0001	34.9948	4.0797	1.00005
3200	4.1172	-2.2688	1.0001	35.1382	4.0929	1.00010
3300	4.1320	-2.2822	1.0002	35.2783	4.1069	1.00016
3400	4.1466	-2.2952	1.0003	35.4157	4.1222	1.00026
3500	4.1608	-2.3079	1.0004	35.5515	4.1377	1.00044
3600	4.1750	-2.3202	1.0007	35.6865	4.1561	1.00069
3700	4.1890	-2.3323	1.0011	35.8220	4.1768	1.00107
3800	4.2034	-2.3441	1.0016	35.9594	4.2031	1.00163
3900	4.2179	-2.3557	1.0024	36.1003	4.2344	1.00241
4000	4.2328	-2.3672	1.0035	36.2470	4.2729	1.00351
4100	4.2485	-2.3786	1.0050	36.4019	4.3218	1.00501
4200	4.2650	-2.3899	1.0070	36.5679	4.3828	1.00704
4300	4.2828	-2.4013	1.0097	36.7487	4.4602	1.00972
4400	4.3020	-2.4128	1.0133	36.9478	4.5552	1.01324

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.3229	-2.4245	1.0178	37.1700	4.6744	1.01781
4600	4.3458	-2.4365	1.0236	37.4201	4.8198	1.02363
4700	4.3709	-2.4489	1.0310	37.7037	4.9977	1.03098
4800	4.3984	-2.4619	1.0402	38.0272	5.2138	1.04017
4900	4.4285	-2.4756	1.0515	38.3973	5.4742	1.05154
5000	4.4612	-2.4901	1.0654	38.8208	5.7838	1.06545
5100	4.4964	-2.5056	1.0824	39.3021	6.1493	1.08243
5200	4.5342	-2.5221	1.1027	39.8561	6.5794	1.10269
5300	4.5743	-2.5397	1.1268	40.4869	7.0797	1.12677
5400	4.6164	-2.5586	1.1551	41.2013	7.6561	1.15510
5500	4.6601	-2.5788	1.1881	42.0050	8.3128	1.18807
5600	4.7049	-2.6003	1.2260	42.9011	9.0521	1.22597
5700	4.7503	-2.6229	1.2689	43.8898	9.8731	1.26894
5800	4.7956	-2.6466	1.3169	44.9661	10.7693	1.31687
5900	4.8401	-2.6710	1.3693	46.1187	11.7291	1.36933
6000	4.8831	-2.6957	1.4255	47.3297	12.7338	1.42552
6100	4.9238	-2.7204	1.4841	48.5707	13.7555	1.48408
6200	4.9617	-2.7445	1.5436	49.8142	14.7669	1.54360
6300	4.9962	-2.7677	1.6024	51.0278	15.7364	1.60241
6400	5.0272	-2.7896	1.6588	52.1805	16.6342	1.65877
6500	5.0544	-2.8098	1.7113	53.2472	17.4366	1.71126
6600	5.0779	-2.8284	1.7588	54.2104	18.1282	1.75876
6700	5.0980	-2.8451	1.8007	55.0622	18.7028	1.80069
6800	5.1150	-2.8602	1.8369	55.8033	19.1633	1.83691
6900	5.1293	-2.8738	1.8677	56.4408	19.5183	1.86768
7000	5.1413	-2.8860	1.8935	56.9856	19.7803	1.89345
7100	5.1515	-2.8970	1.9149	57.4509	19.9633	1.91488
7200	5.1601	-2.9071	1.9326	57.8499	20.0821	1.93259
7300	5.1676	-2.9163	1.9472	58.1949	20.1496	1.94726
7400	5.1741	-2.9250	1.9594	58.4971	20.1774	1.95945
7500	5.1799	-2.9331	1.9697	58.7660	20.1754	1.96968
7600	5.1851	-2.9407	1.9784	59.0092	20.1515	1.97838
7700	5.1900	-2.9480	1.9859	59.2336	20.1125	1.98592
7800	5.1945	-2.9551	1.9925	59.4444	20.0641	1.99259
7900	5.1989	-2.9620	1.9986	59.6460	20.0104	1.99865
8000	5.2031	-2.9686	2.0042	59.8420	19.9550	2.00431
8100	5.2074	-2.9752	2.0097	60.0353	19.9007	2.00973
8200	5.2116	-2.9817	2.0150	60.2285	19.8500	2.01507
8300	5.2159	-2.9881	2.0203	60.4237	19.8050	2.02045
8400	5.2202	-2.9945	2.0258	60.6229	19.7671	2.02599
8500	5.2247	-3.0009	2.0316	60.8276	19.7381	2.03177
8600	5.2294	-3.0072	2.0377	61.0390	19.7188	2.03788
8700	5.2342	-3.0136	2.0442	61.2588	19.7106	2.04441
8800	5.2393	-3.0201	2.0512	61.4883	19.7148	2.05144
8900	5.2446	-3.0266	2.0587	61.7282	19.7321	2.05903
9000	5.2501	-3.0332	2.0669	61.9799	19.7631	2.06725
9100	5.2559	-3.0398	2.0757	62.2448	19.8092	2.07618
9200	5.2620	-3.0466	2.0854	62.5234	19.8710	2.08588
9300	5.2684	-3.0534	2.0958	62.8171	19.9496	2.09642
9400	5.2751	-3.0604	2.1072	63.1269	20.0456	2.10787
9500	5.2822	-3.0676	2.1195	63.4536	20.1596	2.12030
9600	5.2896	-3.0748	2.1329	63.7985	20.2928	2.13377
9700	5.2974	-3.0823	2.1473	64.1622	20.4454	2.14835
9800	5.3055	-3.0899	2.1629	64.5459	20.6186	2.16411
9900	5.3140	-3.0977	2.1798	64.9505	20.8129	2.18112

LOG P=-1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.3228	-3.1056	2.1980	65.3771	21.0291	2.19945
10100	5.3320	-3.1138	2.2175	65.8258	21.2676	2.21914
10200	5.3416	-3.1222	2.2384	66.2984	21.5292	2.24030
10300	5.3516	-3.1307	2.2608	66.7944	21.8140	2.26292
10400	5.3619	-3.1395	2.2848	67.3156	22.1228	2.28712
10500	5.3725	-3.1485	2.3104	67.8616	22.4557	2.31292
10600	5.3835	-3.1577	2.3375	68.4333	22.8128	2.34038
10700	5.3948	-3.1671	2.3664	69.0310	23.1944	2.36952
10800	5.4063	-3.1767	2.3969	69.6545	23.6001	2.40036
10900	5.4182	-3.1865	2.4292	70.3033	24.0294	2.43295
11000	5.4302	-3.1965	2.4631	70.9775	24.4823	2.46724
11100	5.4425	-3.2066	2.4988	71.6770	24.9577	2.50329
11200	5.4550	-3.2170	2.5361	72.4002	25.4552	2.54101
11300	5.4676	-3.2275	2.5751	73.1461	25.9726	2.58038
11400	5.4803	-3.2381	2.6156	73.9133	26.5085	2.62133
11500	5.4931	-3.2488	2.6576	74.7007	27.0621	2.66380
11600	5.5058	-3.2596	2.7010	75.5049	27.6293	2.70762
11700	5.5186	-3.2704	2.7456	76.3248	28.2093	2.75272
11800	5.5312	-3.2813	2.7913	77.1562	28.7982	2.79888
11900	5.5438	-3.2921	2.8380	77.9975	29.3939	2.84600
12000	5.5562	-3.3030	2.8854	78.8455	29.9932	2.89388
12100	5.5684	-3.3137	2.9333	79.6954	30.5918	2.94224
12200	5.5803	-3.3244	2.9815	80.5449	31.1869	2.99092
12300	5.5920	-3.3349	3.0298	81.3895	31.7746	3.03966
12400	5.6033	-3.3453	3.0779	82.2265	32.3518	3.08824
12500	5.6143	-3.3554	3.1256	83.0515	32.9147	3.13642
12600	5.6249	-3.3654	3.1728	83.8613	33.4600	3.18395
12700	5.6351	-3.3751	3.2190	84.6530	33.9854	3.23064
12800	5.6449	-3.3846	3.2643	85.4232	34.4870	3.27624
12900	5.6542	-3.3938	3.3083	86.1700	34.9636	3.32062
13000	5.6631	-3.4027	3.3509	86.8901	35.4121	3.36354
13100	5.6715	-3.4113	3.3919	87.5818	35.8309	3.40485
13200	5.6795	-3.4196	3.4313	88.2448	36.2197	3.44449
13300	5.6871	-3.4276	3.4689	88.8777	36.5778	3.48236
13400	5.6942	-3.4353	3.5047	89.4790	36.9041	3.51835
13500	5.7009	-3.4428	3.5386	90.0501	37.1999	3.55249
13600	5.7072	-3.4499	3.5707	90.5903	37.4644	3.58472
13700	5.7130	-3.4567	3.6009	91.0996	37.6987	3.61504
13800	5.7186	-3.4633	3.6292	91.5797	37.9037	3.64350
13900	5.7237	-3.4696	3.6557	92.0306	38.0804	3.67012
14000	5.7287	-3.4756	3.6805	92.4711	38.2475	3.69496
14100	5.7330	-3.4814	3.7036	92.8514	38.3550	3.71810
14200	5.7373	-3.4870	3.7251	93.2240	38.4564	3.73962
14300	5.7412	-3.4924	3.7451	93.5724	38.5346	3.75956
14400	5.7449	-3.4976	3.7636	93.8991	38.5923	3.77805
14500	5.7483	-3.5025	3.7807	94.2048	38.6308	3.79513
14600	5.7515	-3.5073	3.7965	94.4908	38.6513	3.81089
14700	5.7545	-3.5120	3.8111	94.7593	38.6557	3.82547
14800	5.7574	-3.5165	3.8246	95.0110	38.6455	3.83890
14900	5.7600	-3.5208	3.8370	95.2469	38.6214	3.85126
15000	5.7625	-3.5250	3.8485	95.4687	38.5846	3.86264

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5424	-0.6631	0.9984	21.7344	3.4864	1.00000
200	2.8445	-0.9647	0.9998	24.1631	3.4948	1.00000
300	3.0211	-1.1409	1.0000	25.5831	3.4990	1.00000
400	3.1470	-1.2658	1.0002	26.5926	3.5072	1.00000
500	3.2450	-1.3627	1.0002	27.3813	3.5156	1.00000
600	3.3251	-1.4420	1.0002	28.0354	3.5232	1.00000
700	3.3930	-1.5089	1.0002	28.5993	3.5310	1.00000
800	3.4552	-1.5669	1.0002	29.0986	3.5655	1.00000
900	3.5098	-1.6180	1.0002	29.5484	3.5938	1.00000
1000	3.5589	-1.6638	1.0000	29.9595	3.6218	1.00000
1100	3.6039	-1.7052	1.0000	30.3364	3.6521	1.00000
1200	3.6453	-1.7430	1.0000	30.6857	3.6824	1.00000
1300	3.6835	-1.7777	1.0000	31.0112	3.7120	1.00000
1400	3.7191	-1.8099	1.0000	31.3160	3.7406	1.00000
1500	3.7522	-1.8399	1.0000	31.6025	3.7681	1.00000
1600	3.7832	-1.8679	1.0000	31.8727	3.7942	1.00000
1700	3.8124	-1.8942	1.0000	32.1284	3.8191	1.00000
1800	3.8399	-1.9191	1.0000	32.3709	3.8427	1.00000
1900	3.8659	-1.9425	1.0000	32.6016	3.8650	1.00000
2000	3.8918	-1.9646	1.0000	32.8341	3.8973	1.00000
2100	3.9153	-1.9858	1.0000	33.0457	3.9179	1.00000
2200	3.9377	-2.0060	1.0000	33.2482	3.9384	1.00000
2300	3.9591	-2.0253	1.0000	33.4425	3.9567	1.00000
2400	3.9795	-2.0438	1.0000	33.6291	3.9743	1.00000
2500	3.9991	-2.0615	1.0000	33.8087	3.9919	1.00000
2600	4.0179	-2.0786	1.0000	33.9816	4.0079	1.00000
2700	4.0359	-2.0950	1.0000	34.1486	4.0228	1.00000
2800	4.0533	-2.1108	1.0000	34.3100	4.0381	1.00001
2900	4.0701	-2.1260	1.0000	34.4660	4.0522	1.00001
3000	4.0862	-2.1407	1.0000	34.6174	4.0655	1.00002
3100	4.1020	-2.1550	1.0001	34.7643	4.0795	1.00005
3200	4.1171	-2.1688	1.0001	34.9075	4.0926	1.00009
3300	4.1320	-2.1822	1.0001	35.0473	4.1063	1.00015
3400	4.1465	-2.1952	1.0002	35.1845	4.1212	1.00024
3500	4.1607	-2.2078	1.0004	35.3197	4.1361	1.00039
3600	4.1747	-2.2202	1.0006	35.4537	4.1536	1.00062
3700	4.1887	-2.2322	1.0010	35.5878	4.1731	1.00095
3800	4.2028	-2.2440	1.0015	35.7234	4.1977	1.00145
3900	4.2171	-2.2556	1.0022	35.8617	4.2266	1.00215
4000	4.2317	-2.2670	1.0031	36.0048	4.2618	1.00313
4100	4.2469	-2.2783	1.0045	36.1550	4.3063	1.00447
4200	4.2629	-2.2896	1.0063	36.3148	4.3615	1.00627
4300	4.2800	-2.3008	1.0087	36.4876	4.4315	1.00866
4400	4.2983	-2.3122	1.0118	36.6763	4.5169	1.01180
4500	4.3182	-2.3237	1.0159	36.8855	4.6240	1.01587
4600	4.3398	-2.3354	1.0211	37.1192	4.7543	1.02106
4700	4.3635	-2.3475	1.0276	37.3827	4.9136	1.02761
4800	4.3894	-2.3601	1.0358	37.6815	5.1071	1.03581
4900	4.4177	-2.3733	1.0459	38.0218	5.3401	1.04595
5000	4.4485	-2.3872	1.0584	38.4095	5.6170	1.05836
5100	4.4816	-2.4020	1.0735	38.8481	5.9434	1.07352
5200	4.5173	-2.4177	1.0916	39.3526	6.3284	1.09163
5300	4.5553	-2.4344	1.1132	39.9263	6.7769	1.11317
5400	4.5954	-2.4524	1.1386	40.5758	7.2947	1.13858
5500	4.6372	-2.4715	1.1682	41.3070	7.8863	1.16822

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.6804	-2.4919	1.2025	42.1245	8.5553	1.20246
5700	4.7245	-2.5134	1.2415	43.0299	9.3023	1.24149
5800	4.7688	-2.5361	1.2854	44.0217	10.1246	1.28536
5900	4.8128	-2.5596	1.3339	45.0929	11.0147	1.33385
6000	4.8559	-2.5837	1.3865	46.2311	11.9594	1.38645
6100	4.8972	-2.6079	1.4421	47.4148	12.9370	1.44215
6200	4.9362	-2.6320	1.4998	48.6212	13.9246	1.49984
6300	4.9724	-2.6555	1.5580	49.8216	14.8941	1.55802
6400	5.0053	-2.6780	1.6151	50.9858	15.8162	1.61507
6500	5.0347	-2.6991	1.6695	52.0864	16.6648	1.66946
6600	5.0606	-2.7186	1.7199	53.1018	17.4198	1.71989
6700	5.0830	-2.7365	1.7654	54.0176	18.0687	1.76545
6800	5.1022	-2.7527	1.8056	54.8280	18.6073	1.80563
6900	5.1185	-2.7674	1.8404	55.5345	19.0388	1.84041
7000	5.1323	-2.7805	1.8700	56.1441	19.3718	1.87000
7100	5.1439	-2.7924	1.8949	56.6677	19.6185	1.89489
7200	5.1538	-2.8033	1.9157	57.1168	19.7918	1.91565
7300	5.1623	-2.8131	1.9329	57.5040	19.9052	1.93293
7400	5.1696	-2.8223	1.9473	57.8409	19.9708	1.94730
7500	5.1761	-2.8308	1.9593	58.1375	19.9992	1.95933
7600	5.1818	-2.8388	1.9695	58.4024	19.9991	1.96949
7700	5.1871	-2.8463	1.9781	58.6434	19.9785	1.97817
7800	5.1919	-2.8536	1.9857	58.8661	19.9437	1.98573
7900	5.1965	-2.8606	1.9924	59.0757	19.8997	1.99245
8000	5.2009	-2.8674	1.9985	59.2765	19.8503	1.99857
8100	5.2051	-2.8740	2.0042	59.4716	19.7992	2.00429
8200	5.2094	-2.8805	2.0097	59.6641	19.7492	2.00978
8300	5.2136	-2.8870	2.0151	59.8562	19.7022	2.01517
8400	5.2179	-2.8933	2.0205	60.0502	19.6603	2.02060
8500	5.2222	-2.8997	2.0260	60.2477	19.6254	2.02616
8600	5.2267	-2.9060	2.0318	60.4501	19.5985	2.03194
8700	5.2314	-2.9123	2.0378	60.6591	19.5810	2.03805
8800	5.2362	-2.9186	2.0443	60.8758	19.5739	2.04455
8900	5.2412	-2.9250	2.0512	61.1013	19.5783	2.05151
9000	5.2464	-2.9314	2.0586	61.3369	19.5951	2.05901
9100	5.2519	-2.9379	2.0667	61.5836	19.6251	2.06711
9200	5.2576	-2.9445	2.0754	61.8424	19.6690	2.07589
9300	5.2636	-2.9512	2.0848	62.1142	19.7281	2.08540
9400	5.2699	-2.9579	2.0951	62.4003	19.8027	2.09571
9500	5.2764	-2.9648	2.1061	62.7011	19.8934	2.10687
9600	5.2833	-2.9718	2.1181	63.0181	20.0015	2.11897
9700	5.2906	-2.9790	2.1311	63.3519	20.1273	2.13204
9800	5.2981	-2.9863	2.1451	63.7033	20.2716	2.14618
9900	5.3060	-2.9937	2.1602	64.0734	20.4352	2.16143
10000	5.3143	-3.0014	2.1764	64.4632	20.6183	2.17785
10100	5.3228	-3.0091	2.1939	64.8727	20.8220	2.19551
10200	5.3318	-3.0171	2.2127	65.3038	21.0467	2.21448
10300	5.3411	-3.0253	2.2328	65.7561	21.2927	2.23478
10400	5.3507	-3.0337	2.2543	66.2313	21.5609	2.25653
10500	5.3607	-3.0422	2.2773	66.7291	21.8512	2.27972
10600	5.3710	-3.0510	2.3017	67.2505	22.1641	2.30443
10700	5.3816	-3.0599	2.3277	67.7957	22.4995	2.33070
10800	5.3925	-3.0691	2.3553	68.3652	22.8580	2.35857
10900	5.4036	-3.0784	2.3844	68.9585	23.2390	2.38803
11000	5.4151	-3.0879	2.4152	69.5759	23.6424	2.41913

LOG P=-1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.4268	-3.0977	2.4476	70.2176	24.0681	2.45190
11200	5.4387	-3.1075	2.4816	70.8823	24.5150	2.48628
11300	5.4507	-3.1176	2.5171	71.5597	24.9824	2.52228
11400	5.4629	-3.1278	2.5543	72.2788	25.4692	2.55986
11500	5.4752	-3.1381	2.5930	73.0090	25.9747	2.59899
11600	5.4876	-3.1485	2.6331	73.7576	26.4962	2.63955
11700	5.5001	-3.1590	2.6746	74.5241	27.0329	2.68150
11800	5.5125	-3.1696	2.7173	75.3050	27.5814	2.72466
11900	5.5249	-3.1802	2.7611	76.0994	28.1409	2.76898
12000	5.5372	-3.1909	2.8059	76.9049	28.7083	2.81431
12100	5.5494	-3.2015	2.8515	77.7171	29.2802	2.86040
12200	5.5614	-3.2120	2.8978	78.5348	29.8542	2.90717
12300	5.5732	-3.2225	2.9445	79.3534	30.4270	2.95436
12400	5.5847	-3.2329	2.9914	80.1703	30.9949	3.00176
12500	5.5960	-3.2431	3.0383	80.9821	31.5553	3.04918
12600	5.6069	-3.2532	3.0850	81.7853	32.1046	3.09638
12700	5.6176	-3.2631	3.1313	82.5771	32.6406	3.14316
12800	5.6278	-3.2728	3.1770	83.3541	33.1590	3.18929
12900	5.6377	-3.2823	3.2219	84.1135	33.6582	3.23459
13000	5.6472	-3.2915	3.2658	84.8521	34.1354	3.27882
13100	5.6562	-3.3005	3.3084	85.5679	34.5879	3.32183
13200	5.6648	-3.3092	3.3497	86.2595	35.0149	3.36350
13300	5.6730	-3.3176	3.3896	86.9252	35.4147	3.40368
13400	5.6808	-3.3257	3.4279	87.5631	35.7863	3.44224
13500	5.6882	-3.3336	3.4645	88.1732	36.1289	3.47914
13600	5.6952	-3.3411	3.4995	88.7547	36.4427	3.51431
13700	5.7017	-3.3484	3.5326	89.3068	36.7269	3.54767
13800	5.7079	-3.3554	3.5640	89.8305	36.9825	3.57925
13900	5.7137	-3.3622	3.5936	90.3252	37.2094	3.60902
14000	5.7193	-3.3686	3.6215	90.8087	37.4254	3.63702
14100	5.7242	-3.3748	3.6477	91.2326	37.5823	3.66329
14200	5.7290	-3.3808	3.6722	91.6473	37.7310	3.68789
14300	5.7335	-3.3866	3.6951	92.0365	37.8548	3.71082
14400	5.7377	-3.3921	3.7165	92.4028	37.9567	3.73223
14500	5.7416	-3.3974	3.7364	92.7461	38.0371	3.75211
14600	5.7452	-3.4025	3.7548	93.0678	38.0971	3.77055
14700	5.7487	-3.4075	3.7720	93.3703	38.1396	3.78768
14800	5.7519	-3.4123	3.7879	93.6543	38.1647	3.80355
14900	5.7550	-3.4169	3.8026	93.9206	38.1742	3.81821
15000	5.7578	-3.4213	3.8162	94.1706	38.1687	3.83176

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5422	-0.5629	0.9980	21.5034	3.4854	1.00000
200	2.8444	-0.8647	0.9998	23.9327	3.4947	1.00000
300	3.0211	-1.0409	1.0000	25.3529	3.4990	1.00000
400	3.1470	-1.1658	1.0002	26.3623	3.5072	1.00000
500	3.2450	-1.2627	1.0002	27.1511	3.5156	1.00000
600	3.3251	-1.3420	1.0002	27.8051	3.5232	1.00000
700	3.3930	-1.4089	1.0002	28.3691	3.5310	1.00000
800	3.4552	-1.4669	1.0002	28.8684	3.5655	1.00000
900	3.5098	-1.5180	1.0002	29.3182	3.5938	1.00000
1000	3.5589	-1.5638	1.0000	29.7292	3.6218	1.00000
1100	3.6039	-1.6052	1.0000	30.1061	3.6521	1.00000

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-1.6430	1.0000	30.4555	3.6824	1.00000
1300	3.6836	-1.6777	1.0000	30.7810	3.7120	1.00000
1400	3.7191	-1.7099	1.0000	31.0858	3.7406	1.00000
1500	3.7522	-1.7399	1.0000	31.3723	3.7681	1.00000
1600	3.7832	-1.7679	1.0000	31.6425	3.7943	1.00000
1700	3.8124	-1.7942	1.0000	31.8981	3.8191	1.00000
1800	3.8399	-1.8191	1.0000	32.1407	3.8427	1.00000
1900	3.8659	-1.8425	1.0000	32.3713	3.8650	1.00000
2000	3.8918	-1.8646	1.0000	32.6038	3.8973	1.00000
2100	3.9153	-1.8858	1.0000	32.8154	3.9179	1.00000
2200	3.9377	-1.9060	1.0000	33.0179	3.9384	1.00000
2300	3.9591	-1.9253	1.0000	33.2122	3.9567	1.00000
2400	3.9795	-1.9438	1.0000	33.3988	3.9743	1.00000
2500	3.9991	-1.9616	1.0000	33.5784	3.9919	1.00000
2600	4.0179	-1.9786	1.0000	33.7514	4.0078	1.00000
2700	4.0359	-1.9950	1.0000	33.9183	4.0228	1.00000
2800	4.0533	-2.0108	1.0000	34.0797	4.0381	1.00001
2900	4.0701	-2.0260	1.0000	34.2357	4.0522	1.00001
3000	4.0862	-2.0407	1.0000	34.3870	4.0654	1.00002
3100	4.1020	-2.0550	1.0000	34.5339	4.0793	1.00004
3200	4.1171	-2.0688	1.0001	34.6770	4.0923	1.00008
3300	4.1319	-2.0822	1.0001	34.8165	4.1058	1.00013
3400	4.1464	-2.0952	1.0002	34.9532	4.1203	1.00021
3500	4.1605	-2.1078	1.0004	35.0878	4.1347	1.00035
3600	4.1745	-2.1202	1.0006	35.2211	4.1515	1.00055
3700	4.1883	-2.1322	1.0009	35.3541	4.1698	1.00085
3800	4.2023	-2.1440	1.0013	35.4880	4.1928	1.00129
3900	4.2163	-2.1555	1.0019	35.6240	4.2196	1.00192
4000	4.2306	-2.1669	1.0028	35.7639	4.2519	1.00279
4100	4.2455	-2.1781	1.0040	35.9100	4.2925	1.00398
4200	4.2610	-2.1893	1.0056	36.0643	4.3426	1.00559
4300	4.2775	-2.2004	1.0077	36.2298	4.4058	1.00772
4400	4.2950	-2.2116	1.0105	36.4093	4.4827	1.01052
4500	4.3140	-2.2229	1.0142	36.6069	4.5791	1.01414
4600	4.3345	-2.2344	1.0188	36.8260	4.6960	1.01877
4700	4.3568	-2.2463	1.0246	37.0716	4.8388	1.02461
4800	4.3813	-2.2585	1.0319	37.3483	5.0120	1.03192
4900	4.4079	-2.2712	1.0410	37.6619	5.2205	1.04096
5000	4.4368	-2.2846	1.0520	38.0177	5.4681	1.05203
5100	4.4680	-2.2988	1.0656	38.4180	5.7597	1.06556
5200	4.5016	-2.3137	1.0817	38.8780	6.1042	1.08173
5300	4.5376	-2.3297	1.1010	39.4002	6.5059	1.10099
5400	4.5756	-2.3467	1.1237	39.9910	6.9702	1.12375
5500	4.6156	-2.3648	1.1504	40.6561	7.5023	1.15037
5600	4.6570	-2.3841	1.1812	41.4006	8.1057	1.18120
5700	4.6995	-2.4046	1.2165	42.2277	8.7830	1.21652
5800	4.7427	-2.4262	1.2565	43.1379	9.5335	1.25646
5900	4.7859	-2.4487	1.3010	44.1280	10.3530	1.30100
6000	4.8286	-2.4720	1.3498	45.1900	11.2330	1.34983
6100	4.8701	-2.4957	1.4022	46.3074	12.1566	1.40222
6200	4.9099	-2.5196	1.4573	47.4629	13.1065	1.45735
6300	4.9473	-2.5431	1.5140	48.6326	14.0586	1.51399
6400	4.9819	-2.5659	1.5707	49.7894	14.9866	1.57072
6500	5.0133	-2.5876	1.6261	50.9058	15.8638	1.62605
6600	5.0414	-2.6081	1.6786	51.9579	16.6674	1.67857

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	5.0661	-2.6270	1.7271	52.9261	17.3794	1.72710
6800	5.0875	-2.6443	1.7709	53.7987	17.9899	1.77087
6900	5.1059	-2.6600	1.8095	54.5717	18.4964	1.80950
7000	5.1216	-2.6742	1.8430	55.2474	18.9029	1.84297
7100	5.1350	-2.6871	1.8715	55.8327	19.2175	1.87155
7200	5.1463	-2.6987	1.8957	56.3374	19.4517	1.89568
7300	5.1560	-2.7093	1.9159	56.7730	19.6178	1.91593
7400	5.1643	-2.7190	1.9329	57.1506	19.7276	1.93286
7500	5.1716	-2.7280	1.9470	57.4807	19.7923	1.94703
7600	5.1780	-2.7364	1.9589	57.7726	19.8218	1.95896
7700	5.1837	-2.7443	1.9690	58.0347	19.8245	1.96907
7800	5.1889	-2.7519	1.9777	58.2735	19.8076	1.97777
7900	5.1938	-2.7591	1.9853	58.4948	19.7767	1.98536
8000	5.1984	-2.7660	1.9921	58.7036	19.7369	1.99214
8100	5.2028	-2.7727	1.9983	58.9034	19.6918	1.99834
8200	5.2071	-2.7793	2.0040	59.0979	19.6448	2.00413
8300	5.2113	-2.7858	2.0096	59.2894	19.5987	2.00968
8400	5.2155	-2.7922	2.0150	59.4806	19.5553	2.01513
8500	5.2198	-2.7985	2.0204	59.6731	19.5166	2.02059
8600	5.2242	-2.8047	2.0260	59.8687	19.4842	2.02618
8700	5.2286	-2.8110	2.0318	60.0690	19.4593	2.03197
8800	5.2333	-2.8173	2.0378	60.2753	19.4435	2.03806
8900	5.2380	-2.8235	2.0442	60.4887	19.4371	2.04452
9000	5.2430	-2.8298	2.0511	60.7104	19.4417	2.05142
9100	5.2481	-2.8362	2.0584	60.9415	19.4578	2.05882
9200	5.2535	-2.8426	2.0663	61.1829	19.4864	2.06680
9300	5.2591	-2.8491	2.0749	61.4356	19.5283	2.07541
9400	5.2650	-2.8556	2.0841	61.7005	19.5840	2.08471
9500	5.2712	-2.8623	2.0941	61.9786	19.6546	2.09476
9600	5.2776	-2.8691	2.1048	62.2707	19.7406	2.10564
9700	5.2844	-2.8760	2.1165	62.5777	19.8424	2.11738
9800	5.2914	-2.8830	2.1290	62.9003	19.9609	2.13006
9900	5.2988	-2.8902	2.1426	63.2396	20.0969	2.14374
10000	5.3064	-2.8975	2.1571	63.5963	20.2509	2.15847
10100	5.3144	-2.9049	2.1728	63.9709	20.4231	2.17430
10200	5.3228	-2.9126	2.1896	64.3647	20.6147	2.19132
10300	5.3314	-2.9204	2.2076	64.7775	20.8255	2.20953
10400	5.3404	-2.9283	2.2269	65.2110	21.0567	2.22905
10500	5.3497	-2.9365	2.2475	65.6652	21.3081	2.24988
10600	5.3594	-2.9448	2.2695	66.1407	21.5803	2.27209
10700	5.3693	-2.9534	2.2929	66.6381	21.8739	2.29573
10800	5.3796	-2.9621	2.3177	67.1578	22.1885	2.32084
10900	5.3901	-2.9710	2.3439	67.6995	22.5240	2.34742
11000	5.4009	-2.9801	2.3717	68.2639	22.8813	2.37554
11100	5.4119	-2.9893	2.4010	68.8512	23.2595	2.40522
11200	5.4232	-2.9988	2.4319	69.4605	23.6586	2.43644
11300	5.4347	-3.0084	2.4643	70.0919	24.0781	2.46922
11400	5.4464	-3.0181	2.4981	70.7447	24.5168	2.50352
11500	5.4582	-3.0280	2.5336	71.4189	24.9748	2.53938
11600	5.4701	-3.0381	2.5704	72.1120	25.4498	2.57668
11700	5.4822	-3.0482	2.6087	72.8244	25.9413	2.61542
11800	5.4943	-3.0584	2.6482	73.5530	26.4469	2.65547
11900	5.5064	-3.0687	2.6890	74.2975	26.9662	2.69679
12000	5.5185	-3.0791	2.7310	75.0558	27.4964	2.73929
12100	5.5305	-3.0895	2.7740	75.8245	28.0346	2.78275

LOG P=-1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.5424	-3.0999	2.8178	76.6025	28.5795	2.82712
12300	5.5542	-3.1102	2.8623	77.3864	29.1279	2.87218
12400	5.5658	-3.1205	2.9074	78.1733	29.6766	2.91778
12500	5.5773	-3.1307	2.9528	78.9611	30.2239	2.96374
12600	5.5884	-3.1409	2.9984	79.7461	30.7658	3.00985
12700	5.5994	-3.1508	3.0440	80.5258	31.3005	3.05595
12800	5.6100	-3.1607	3.0894	81.2973	31.8239	3.10181
12900	5.6203	-3.1703	3.1343	82.0573	32.3342	3.14724
13000	5.6302	-3.1798	3.1786	82.8026	32.8280	3.19201
13100	5.6398	-3.1890	3.2221	83.5309	33.3029	3.23595
13200	5.6490	-3.1980	3.2647	84.2405	33.7579	3.27892
13300	5.6578	-3.2068	3.3061	84.9292	34.1901	3.32075
13400	5.6662	-3.2153	3.3463	85.5945	34.5977	3.36127
13500	5.6742	-3.2235	3.3851	86.2356	34.9803	3.40038
13600	5.6818	-3.2315	3.4224	86.8513	35.3366	3.43800
13700	5.6890	-3.2392	3.4581	87.4404	35.6654	3.47401
13800	5.6958	-3.2466	3.4923	88.0029	35.9675	3.50839
13900	5.7022	-3.2537	3.5247	88.5378	36.2420	3.54106
14000	5.7085	-3.2606	3.5555	89.0619	36.5051	3.57205
14100	5.7140	-3.2673	3.5847	89.5280	36.7110	3.60136
14200	5.7194	-3.2737	3.6122	89.9842	36.9069	3.62899
14300	5.7244	-3.2798	3.6381	90.4144	37.0774	3.65496
14400	5.7292	-3.2857	3.6624	90.8210	37.2250	3.67935
14500	5.7337	-3.2914	3.6851	91.2037	37.3497	3.70217
14600	5.7378	-3.2969	3.7064	91.5635	37.4528	3.72346
14700	5.7418	-3.3022	3.7263	91.9026	37.5359	3.74336
14800	5.7455	-3.3073	3.7448	92.2217	37.5999	3.76188
14900	5.7489	-3.3122	3.7620	92.5214	37.6464	3.77909
15000	5.7522	-3.3170	3.7781	92.8033	37.6764	3.79507

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5420	-0.4626	0.9971	21.2718	3.4834	1.00000
200	2.8444	-0.7647	0.9997	23.7022	3.4945	1.00000
300	3.0211	-0.9409	1.0000	25.1225	3.4990	1.00000
400	3.1470	-1.0658	1.0002	26.1320	3.5072	1.00000
500	3.2450	-1.1627	1.0003	26.9208	3.5156	1.00000
600	3.3251	-1.2420	1.0003	27.5748	3.5232	1.00000
700	3.3930	-1.3089	1.0003	28.1388	3.5310	1.00000
800	3.4552	-1.3669	1.0003	28.6381	3.5655	1.00000
900	3.5098	-1.4180	1.0003	29.0879	3.5938	1.00000
1000	3.5589	-1.4638	1.0000	29.4989	3.6218	1.00000
1100	3.6039	-1.5052	1.0000	29.8759	3.6521	1.00000
1200	3.6453	-1.5430	1.0000	30.2252	3.6824	1.00000
1300	3.6836	-1.5777	1.0000	30.5508	3.7120	1.00000
1400	3.7191	-1.6099	1.0000	30.8555	3.7406	1.00000
1500	3.7522	-1.6399	1.0000	31.1420	3.7681	1.00000
1600	3.7832	-1.6679	1.0000	31.4122	3.7943	1.00000
1700	3.8124	-1.6942	1.0000	31.6679	3.8191	1.00000
1800	3.8399	-1.7191	1.0000	31.9104	3.8427	1.00000
1900	3.8659	-1.7425	1.0000	32.1410	3.8650	1.00000
2000	3.8918	-1.7646	1.0000	32.3736	3.8973	1.00000
2100	3.9153	-1.7858	1.0000	32.5851	3.9179	1.00000
2200	3.9377	-1.8060	1.0000	32.7876	3.9384	1.00000

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-1.8253	1.0000	32.9819	3.9567	1.00000
2400	3.9795	-1.8438	1.0000	33.1686	3.9743	1.00000
2500	3.9991	-1.8616	1.0000	33.3482	3.9919	1.00000
2600	4.0179	-1.8786	1.0000	33.5211	4.0078	1.00000
2700	4.0359	-1.8950	1.0000	33.6880	4.0228	1.00000
2800	4.0533	-1.9108	1.0000	33.8494	4.0381	1.00000
2900	4.0701	-1.9260	1.0000	34.0054	4.0521	1.00001
3000	4.0862	-1.9407	1.0000	34.1567	4.0653	1.00002
3100	4.1019	-1.9550	1.0000	34.3034	4.0792	1.00004
3200	4.1171	-1.9688	1.0001	34.4464	4.0920	1.00006
3300	4.1319	-1.9822	1.0001	34.5857	4.1053	1.00012
3400	4.1463	-1.9952	1.0002	34.7221	4.1195	1.00019
3500	4.1604	-2.0078	1.0003	34.8563	4.1334	1.00031
3600	4.1743	-2.0201	1.0005	34.9888	4.1495	1.00049
3700	4.1880	-2.0321	1.0008	35.1207	4.1669	1.00076
3800	4.2018	-2.0439	1.0012	35.2531	4.1885	1.00115
3900	4.2157	-2.0554	1.0017	35.3871	4.2133	1.00171
4000	4.2297	-2.0667	1.0025	35.5242	4.2430	1.00248
4100	4.2442	-2.0779	1.0036	35.6666	4.2802	1.00354
4200	4.2593	-2.0890	1.0050	35.8158	4.3257	1.00498
4300	4.2752	-2.1001	1.0069	35.9750	4.3829	1.00688
4400	4.2920	-2.1111	1.0094	36.1463	4.4523	1.00938
4500	4.3102	-2.1223	1.0126	36.3335	4.5390	1.01260
4600	4.3296	-2.1336	1.0167	36.5397	4.6440	1.01673
4700	4.3508	-2.1451	1.0219	36.7691	4.7720	1.02193
4800	4.3738	-2.1570	1.0285	37.0263	4.9271	1.02845
4900	4.3989	-2.1694	1.0365	37.3161	5.1138	1.03651
5000	4.4261	-2.1823	1.0464	37.6434	5.3353	1.04638
5100	4.4554	-2.1959	1.0585	38.0096	5.5956	1.05845
5200	4.4871	-2.2102	1.0729	38.4297	5.9038	1.07289
5300	4.5211	-2.2253	1.0901	38.9056	6.2634	1.09010
5400	4.5571	-2.2415	1.1105	39.4432	6.6797	1.11046
5500	4.5951	-2.2587	1.1343	40.0482	7.1574	1.13433
5600	4.6347	-2.2770	1.1620	40.7257	7.7008	1.16204
5700	4.6756	-2.2965	1.1939	41.4799	8.3128	1.19390
5800	4.7174	-2.3170	1.2301	42.3128	8.9947	1.23013
5900	4.7596	-2.3385	1.2708	43.2234	9.7446	1.27079
6000	4.8017	-2.3609	1.3158	44.2074	10.5574	1.31575
6100	4.8430	-2.3839	1.3646	45.2528	11.4209	1.36454
6200	4.8831	-2.4072	1.4166	46.3478	12.3226	1.41660
6300	4.9213	-2.4306	1.4710	47.4733	13.2433	1.47099
6400	4.9572	-2.4535	1.5265	48.6057	14.1593	1.52651
6500	4.9904	-2.4757	1.5818	49.7197	15.0467	1.58177
6600	5.0204	-2.4968	1.6354	50.7906	15.8812	1.63540
6700	5.0473	-2.5166	1.6861	51.7968	16.6427	1.68612
6800	5.0710	-2.5349	1.7329	52.7217	17.3161	1.73291
6900	5.0915	-2.5517	1.7751	53.5558	17.8930	1.77509
7000	5.1093	-2.5669	1.8124	54.2959	18.3720	1.81237
7100	5.1244	-2.5808	1.8447	54.9447	18.7571	1.84473
7200	5.1374	-2.5933	1.8725	55.5088	19.0567	1.87246
7300	5.1485	-2.6048	1.8960	55.9976	19.2811	1.89597
7400	5.1580	-2.6152	1.9158	56.4212	19.4410	1.91578
7500	5.1662	-2.6248	1.9324	56.7904	19.5486	1.93243
7600	5.1734	-2.6337	1.9464	57.1148	19.6134	1.94645
7700	5.1797	-2.6420	1.9583	57.4029	19.6450	1.95830

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.1855	-2.6498	1.9684	57.6624	19.6508	1.96842
7900	5.1907	-2.6573	1.9771	57.8996	19.6378	1.97715
8000	5.1956	-2.6644	1.9848	58.1201	19.6113	1.98483
8100	5.2002	-2.6713	1.9916	58.3279	19.5758	1.99169
8200	5.2046	-2.6780	1.9979	58.5273	19.5352	1.99796
8300	5.2089	-2.6845	2.0037	58.7209	19.4923	2.00382
8400	5.2132	-2.6909	2.0093	58.9117	19.4498	2.00945
8500	5.2174	-2.6973	2.0148	59.1016	19.4098	2.01495
8600	5.2217	-2.7035	2.0203	59.2926	19.3739	2.02045
8700	5.2261	-2.7097	2.0259	59.4864	19.3439	2.02606
8800	5.2305	-2.7159	2.0316	59.6843	19.3211	2.03186
8900	5.2351	-2.7221	2.0376	59.8877	19.3062	2.03792
9000	5.2398	-2.7283	2.0440	60.0977	19.3005	2.04433
9100	5.2447	-2.7346	2.0508	60.3155	19.3050	2.05115
9200	5.2498	-2.7408	2.0580	60.5419	19.3203	2.05846
9300	5.2551	-2.7472	2.0658	60.7779	19.3473	2.06629
9400	5.2606	-2.7536	2.0741	61.0245	19.3867	2.07473
9500	5.2664	-2.7600	2.0831	61.2824	19.4391	2.08381
9600	5.2724	-2.7666	2.0929	61.5527	19.5055	2.09362
9700	5.2787	-2.7733	2.1033	61.8360	19.5862	2.10419
9800	5.2853	-2.7800	2.1146	62.1330	19.6819	2.11559
9900	5.2922	-2.7869	2.1267	62.4448	19.7934	2.12787
10000	5.2993	-2.7940	2.1398	62.7721	19.9211	2.14108
10100	5.3068	-2.8011	2.1539	63.1153	20.0653	2.15529
10200	5.3145	-2.8084	2.1689	63.4756	20.2272	2.17055
10300	5.3226	-2.8159	2.1851	63.8530	20.4065	2.18688
10400	5.3310	-2.8235	2.2024	64.2491	20.6044	2.20439
10500	5.3397	-2.8313	2.2209	64.6635	20.8210	2.22309
10600	5.3487	-2.8393	2.2406	65.0975	21.0562	2.24303
10700	5.3580	-2.8474	2.2615	65.5513	21.3114	2.26428
10800	5.3676	-2.8557	2.2838	66.0254	21.5859	2.28687
10900	5.3775	-2.8642	2.3075	66.5199	21.8801	2.31082
11000	5.3876	-2.8728	2.3325	67.0355	22.1946	2.33618
11100	5.3981	-2.8817	2.3590	67.5722	22.5288	2.36300
11200	5.4087	-2.8907	2.3869	68.1299	22.8829	2.39126
11300	5.4196	-2.8998	2.4162	68.7084	23.2563	2.42099
11400	5.4307	-2.9091	2.4470	69.3075	23.6489	2.45218
11500	5.4420	-2.9186	2.4792	69.9276	24.0605	2.48487
11600	5.4534	-2.9282	2.5129	70.5665	24.4893	2.51897
11700	5.4650	-2.9380	2.5480	71.2250	24.9356	2.55452
11800	5.4767	-2.9478	2.5843	71.9006	25.3969	2.59140
11900	5.4884	-2.9578	2.6221	72.5933	25.8736	2.62962
12000	5.5002	-2.9678	2.6610	73.3016	26.3631	2.66910
12100	5.5119	-2.9779	2.7010	74.0228	26.8634	2.70967
12200	5.5237	-2.9880	2.7421	74.7561	27.3736	2.75132
12300	5.5354	-2.9982	2.7841	75.4990	27.8911	2.79387
12400	5.5469	-3.0083	2.8269	76.2493	28.4135	2.83721
12500	5.5584	-3.0184	2.8703	77.0048	28.9385	2.88120
12600	5.5697	-3.0285	2.9142	77.7626	29.4634	2.92564
12700	5.5807	-3.0385	2.9584	78.5206	29.9864	2.97040
12800	5.5916	-3.0483	3.0028	79.2752	30.5033	3.01527
12900	5.6021	-3.0581	3.0470	80.0245	31.0132	3.06008
13000	5.6124	-3.0676	3.0910	80.7649	31.5122	3.10461
13100	5.6224	-3.0771	3.1346	81.4941	31.9978	3.14870
13200	5.6320	-3.0863	3.1776	82.2102	32.4687	3.19220

LOG P=-0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.6413	-3.0953	3.2199	82.9103	32.9223	3.23490
13400	5.6503	-3.1041	3.2612	83.5927	33.3561	3.27667
13500	5.6589	-3.1126	3.3015	84.2552	33.7691	3.31735
13600	5.6671	-3.1210	3.3406	84.8965	34.1599	3.35684
13700	5.6749	-3.1290	3.3784	85.5150	34.5269	3.39498
13800	5.6823	-3.1368	3.4148	86.1099	34.8694	3.43171
13900	5.6894	-3.1444	3.4497	86.6798	35.1866	3.46693
14000	5.6963	-3.1517	3.4832	87.2401	35.4938	3.50063
14100	5.7024	-3.1588	3.5151	87.7454	35.7454	3.53275
14200	5.7084	-3.1656	3.5454	88.2408	35.9874	3.56328
14300	5.7141	-3.1721	3.5741	88.7110	36.2039	3.59220
14400	5.7194	-3.1784	3.6014	89.1573	36.3973	3.61956
14500	5.7245	-3.1845	3.6270	89.5797	36.5671	3.64534
14600	5.7292	-3.1904	3.6512	89.9783	36.7142	3.66954
14700	5.7336	-3.1960	3.6738	90.3554	36.8403	3.69231
14800	5.7378	-3.2015	3.6951	90.7111	36.9455	3.71362
14900	5.7418	-3.2067	3.7150	91.0462	37.0314	3.73354
15000	5.7455	-3.2118	3.7336	91.3623	37.1003	3.75213

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5417	-0.3622	0.9961	21.0400	3.4812	1.00000
200	2.8444	-0.6646	0.9996	23.4717	3.4941	1.00000
300	3.0211	-0.8409	1.0000	24.8922	3.4990	1.00000
400	3.1470	-0.9659	1.0003	25.9016	3.5072	1.00000
500	3.2450	-1.0628	1.0003	26.6905	3.5155	1.00000
600	3.3251	-1.1420	1.0003	27.3445	3.5232	1.00000
700	3.3930	-1.2089	1.0003	27.9085	3.5310	1.00000
800	3.4552	-1.2669	1.0003	28.4078	3.5655	1.00000
900	3.5098	-1.3180	1.0003	28.8576	3.5939	1.00000
1000	3.5589	-1.3638	1.0001	29.2687	3.6218	1.00000
1100	3.6039	-1.4052	1.0000	29.6456	3.6521	1.00000
1200	3.6453	-1.4430	1.0000	29.9949	3.6824	1.00000
1300	3.6836	-1.4777	1.0000	30.3205	3.7120	1.00000
1400	3.7191	-1.5099	1.0000	30.6253	3.7406	1.00000
1500	3.7522	-1.5399	1.0000	30.9118	3.7681	1.00000
1600	3.7832	-1.5679	1.0000	31.1819	3.7943	1.00000
1700	3.8124	-1.5942	1.0000	31.4376	3.8191	1.00000
1800	3.8399	-1.6191	1.0000	31.6802	3.8427	1.00000
1900	3.8659	-1.6425	1.0000	31.9108	3.8650	1.00000
2000	3.8918	-1.6646	1.0000	32.1433	3.8973	1.00000
2100	3.9153	-1.6858	1.0000	32.3549	3.9179	1.00000
2200	3.9377	-1.7060	1.0000	32.5574	3.9384	1.00000
2300	3.9591	-1.7253	1.0000	32.7516	3.9567	1.00000
2400	3.9795	-1.7438	1.0000	32.9383	3.9743	1.00000
2500	3.9991	-1.7616	1.0000	33.1179	3.9919	1.00000
2600	4.0179	-1.7786	1.0000	33.2909	4.0078	1.00000
2700	4.0359	-1.7950	1.0000	33.4578	4.0228	1.00000
2800	4.0533	-1.8108	1.0000	33.6191	4.0380	1.00000
2900	4.0701	-1.8260	1.0000	33.7751	4.0521	1.00001
3000	4.0862	-1.8407	1.0000	33.9263	4.0653	1.00002
3100	4.1019	-1.8550	1.0000	34.0730	4.0790	1.00003
3200	4.1171	-1.8688	1.0001	34.2159	4.0917	1.00006
3300	4.1318	-1.8822	1.0001	34.3551	4.1049	1.00010

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1462	-1.8952	1.0002	34.4911	4.1188	1.00017
3500	4.1603	-1.9078	1.0003	34.6248	4.1323	1.00027
3600	4.1741	-1.9201	1.0005	34.7567	4.1478	1.00043
3700	4.1877	-1.9321	1.0007	34.8876	4.1643	1.00067
3800	4.2014	-1.9438	1.0010	35.0187	4.1846	1.00103
3900	4.2151	-1.9553	1.0015	35.1508	4.2078	1.00152
4000	4.2289	-1.9666	1.0022	35.2855	4.2351	1.00221
4100	4.2431	-1.9778	1.0032	35.4245	4.2692	1.00316
4200	4.2578	-1.9888	1.0045	35.5695	4.3106	1.00444
4300	4.2732	-1.9997	1.0061	35.7229	4.3626	1.00614
4400	4.2894	-2.0107	1.0084	35.8870	4.4252	1.00836
4500	4.3067	-2.0217	1.0113	36.0648	4.5034	1.01123
4600	4.3253	-2.0328	1.0149	36.2595	4.5976	1.01491
4700	4.3453	-2.0441	1.0196	36.4746	4.7125	1.01955
4800	4.3671	-2.0557	1.0254	36.7142	4.8515	1.02535
4900	4.3908	-2.0677	1.0326	36.9828	5.0187	1.03254
5000	4.4164	-2.0802	1.0414	37.2845	5.2169	1.04134
5100	4.4439	-2.0932	1.0521	37.6201	5.4493	1.05211
5200	4.4738	-2.1070	1.0650	38.0047	5.7249	1.06500
5300	4.5058	-2.1215	1.0804	38.4390	6.0467	1.08037
5400	4.5399	-2.1368	1.0986	38.9287	6.4195	1.09857
5500	4.5759	-2.1532	1.1199	39.4793	6.8480	1.11994
5600	4.6137	-2.1705	1.1448	40.0958	7.3363	1.14480
5700	4.6528	-2.1890	1.1735	40.7828	7.8881	1.17348
5800	4.6931	-2.2085	1.2062	41.5431	8.5054	1.20622
5900	4.7341	-2.2290	1.2432	42.3777	9.1884	1.24317
6000	4.7753	-2.2504	1.2843	43.2850	9.9344	1.28433
6100	4.8161	-2.2726	1.3294	44.2567	10.7349	1.32943
6200	4.8561	-2.2953	1.3781	45.2850	11.5812	1.37809
6300	4.8948	-2.3182	1.4297	46.3552	12.4587	1.42965
6400	4.9316	-2.3410	1.4832	47.4485	13.3485	1.48315
6500	4.9661	-2.3633	1.5374	48.5429	14.2291	1.53744
6600	4.9979	-2.3849	1.5912	49.6153	15.0777	1.59123
6700	5.0267	-2.4054	1.6432	50.6431	15.8726	1.64323
6800	5.0525	-2.4246	1.6923	51.6067	16.5955	1.69228
6900	5.0752	-2.4424	1.7375	52.4920	17.2337	1.73746
7000	5.0950	-2.4587	1.7782	53.2909	17.7806	1.77821
7100	5.1122	-2.4736	1.8143	54.0014	18.2355	1.81426
7200	5.1269	-2.4871	1.8457	54.6262	18.6026	1.84565
7300	5.1395	-2.4994	1.8726	55.1719	18.8896	1.87265
7400	5.1504	-2.5106	1.8956	55.6469	19.1060	1.89565
7500	5.1598	-2.5209	1.9151	56.0608	19.2623	1.91514
7600	5.1679	-2.5303	1.9316	56.4232	19.3686	1.93160
7700	5.1751	-2.5391	1.9455	56.7429	19.4346	1.94553
7800	5.1814	-2.5474	1.9573	57.0280	19.4686	1.95737
7900	5.1872	-2.5551	1.9675	57.2856	19.4780	1.96753
8000	5.1924	-2.5625	1.9763	57.5218	19.4690	1.97633
8100	5.1973	-2.5696	1.9840	57.7413	19.4468	1.98408
8200	5.2020	-2.5765	1.9910	57.9487	19.4157	1.99103
8300	5.2064	-2.5831	1.9973	58.1474	19.3792	1.99740
8400	5.2107	-2.5896	2.0032	58.3404	19.3404	2.00335
8500	5.2150	-2.5960	2.0089	58.5303	19.3017	2.00904
8600	5.2193	-2.6023	2.0145	58.7191	19.2649	2.01460
8700	5.2235	-2.6085	2.0200	58.9087	19.2320	2.02016
8800	5.2279	-2.6146	2.0256	59.1005	19.2043	2.02578

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.2323	-2.6208	2.0313	59.2960	19.1827	2.03158
9000	5.2368	-2.6269	2.0373	59.4965	19.1691	2.03761
9100	5.2415	-2.6330	2.0436	59.7031	19.1640	2.04397
9200	5.2464	-2.6392	2.0503	59.9167	19.1681	2.05072
9300	5.2514	-2.6454	2.0574	60.1384	19.1824	2.05791
9400	5.2566	-2.6517	2.0651	60.3690	19.2079	2.06560
9500	5.2620	-2.6580	2.0732	60.6093	19.2446	2.07385
9600	5.2677	-2.6644	2.0820	60.8603	19.2939	2.08272
9700	5.2736	-2.6708	2.0914	61.1227	19.3561	2.09227
9800	5.2797	-2.6774	2.1016	61.3970	19.4315	2.10253
9900	5.2861	-2.6840	2.1125	61.6844	19.5213	2.11357
10000	5.2928	-2.6908	2.1242	61.9855	19.6256	2.12545
10100	5.2998	-2.6977	2.1368	62.3006	19.7449	2.13820
10200	5.3070	-2.7047	2.1504	62.6310	19.8801	2.15190
10300	5.3145	-2.7119	2.1648	62.9767	20.0312	2.16656
10400	5.3224	-2.7192	2.1804	63.3390	20.1990	2.18226
10500	5.3305	-2.7266	2.1969	63.7179	20.3838	2.19904
10600	5.3389	-2.7342	2.2146	64.1143	20.5861	2.21694
10700	5.3476	-2.7420	2.2334	64.5286	20.8061	2.23602
10800	5.3566	-2.7499	2.2534	64.9615	21.0443	2.25632
10900	5.3658	-2.7579	2.2747	65.4129	21.3006	2.27787
11000	5.3754	-2.7662	2.2972	65.8835	21.5754	2.30070
11100	5.3852	-2.7746	2.3210	66.3738	21.8689	2.32488
11200	5.3952	-2.7832	2.3462	66.8835	22.1812	2.35039
11300	5.4055	-2.7919	2.3727	67.4127	22.5117	2.37728
11400	5.4160	-2.8008	2.4006	67.9614	22.8607	2.40554
11500	5.4267	-2.8099	2.4298	68.5302	23.2281	2.43524
11600	5.4376	-2.8191	2.4604	69.1175	23.6127	2.46629
11700	5.4487	-2.8284	2.4924	69.7238	24.0145	2.49874
11800	5.4598	-2.8379	2.5257	70.3475	24.4321	2.53253
11900	5.4711	-2.8474	2.5603	70.9889	24.8656	2.56766
12000	5.4825	-2.8571	2.5962	71.6469	25.3135	2.60408
12100	5.4940	-2.8669	2.6333	72.3191	25.7737	2.64169
12200	5.5054	-2.8767	2.6715	73.0054	26.2460	2.68045
12300	5.5169	-2.8866	2.7107	73.7037	26.7280	2.72026
12400	5.5283	-2.8965	2.7509	74.4120	27.2177	2.76100
12500	5.5396	-2.9064	2.7919	75.1289	27.7140	2.80260
12600	5.5508	-2.9163	2.8336	75.8519	28.2142	2.84487
12700	5.5619	-2.9262	2.8758	76.5793	28.7165	2.88774
12800	5.5729	-2.9360	2.9185	77.3080	29.2180	2.93100
12900	5.5836	-2.9457	2.9614	78.0364	29.7170	2.97453
13000	5.5941	-2.9553	3.0045	78.7613	30.2108	3.01812
13100	5.6044	-2.9648	3.0474	79.4802	30.6961	3.06162
13200	5.6143	-2.9742	3.0901	80.1917	31.1723	3.10490
13300	5.6240	-2.9833	3.1324	80.8924	31.6363	3.14774
13400	5.6334	-2.9923	3.1742	81.5808	32.0855	3.19001
13500	5.6425	-3.0012	3.2153	82.2543	32.5188	3.23155
13600	5.6512	-3.0098	3.2555	82.9115	32.9347	3.27221
13700	5.6596	-3.0181	3.2947	83.5499	33.3302	3.31183
13800	5.6676	-3.0263	3.3327	84.1685	33.7053	3.35033
13900	5.6752	-3.0342	3.3696	84.7659	34.0581	3.38757
14000	5.6827	-3.0419	3.4052	85.3555	34.4023	3.42349
14100	5.6895	-3.0493	3.4394	85.8940	34.6951	3.45801
14200	5.6961	-3.0565	3.4722	86.4240	34.9786	3.49111
14300	5.7024	-3.0634	3.5036	86.9301	35.2384	3.52270

LOG P=-0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.7083	-3.0702	3.5335	87.4134	35.4753	3.55282
14500	5.7139	-3.0767	3.5619	87.8733	35.6892	3.58142
14600	5.7192	-3.0829	3.5888	88.3096	35.8797	3.60847
14700	5.7242	-3.0889	3.6143	88.7243	36.0488	3.63408
14800	5.7289	-3.0948	3.6383	89.1174	36.1971	3.65824
14900	5.7334	-3.1004	3.6610	89.4892	36.3243	3.68096
15000	5.7376	-3.1058	3.6823	89.8409	36.4329	3.70230

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5414	-0.2618	0.9951	20.8082	3.4789	1.00000
200	2.8443	-0.5646	0.9995	23.2411	3.4938	1.00000
300	3.0211	-0.7409	1.0000	24.6618	3.4989	1.00000
400	3.1470	-0.8659	1.0003	25.6713	3.5072	1.00000
500	3.2450	-0.9628	1.0004	26.4602	3.5155	1.00000
600	3.3251	-1.0420	1.0004	27.1142	3.5232	1.00000
700	3.3930	-1.1089	1.0004	27.6782	3.5310	1.00000
800	3.4552	-1.1669	1.0004	28.1775	3.5655	1.00000
900	3.5098	-1.2180	1.0003	28.6273	3.5939	1.00000
1000	3.5589	-1.2638	1.0001	29.0384	3.6219	1.00000
1100	3.6039	-1.3052	1.0001	29.4154	3.6522	1.00000
1200	3.6453	-1.3430	1.0001	29.7647	3.6824	1.00000
1300	3.6836	-1.3777	1.0001	30.0902	3.7120	1.00000
1400	3.7191	-1.4099	1.0001	30.3950	3.7407	1.00000
1500	3.7522	-1.4399	1.0001	30.6815	3.7681	1.00000
1600	3.7833	-1.4679	1.0001	30.9517	3.7943	1.00000
1700	3.8124	-1.4942	1.0000	31.2073	3.8191	1.00000
1800	3.8399	-1.5191	1.0000	31.4499	3.8427	1.00000
1900	3.8659	-1.5426	1.0000	31.6805	3.8650	1.00000
2000	3.8918	-1.5647	1.0000	31.9131	3.8973	1.00000
2100	3.9153	-1.5858	1.0000	32.1247	3.9179	1.00000
2200	3.9377	-1.6060	1.0000	32.3272	3.9384	1.00000
2300	3.9591	-1.6253	1.0000	32.5214	3.9567	1.00000
2400	3.9795	-1.6438	1.0000	32.7081	3.9743	1.00000
2500	3.9991	-1.6616	1.0000	32.8877	3.9919	1.00000
2600	4.0179	-1.6786	1.0000	33.0606	4.0078	1.00000
2700	4.0359	-1.6950	1.0000	33.2275	4.0228	1.00000
2800	4.0533	-1.7108	1.0000	33.3888	4.0381	1.00000
2900	4.0701	-1.7260	1.0000	33.5448	4.0520	1.00001
3000	4.0862	-1.7407	1.0000	33.6960	4.0652	1.00002
3100	4.1019	-1.7550	1.0000	33.8427	4.0789	1.00003
3200	4.1170	-1.7688	1.0001	33.9853	4.0915	1.00005
3300	4.1318	-1.7822	1.0001	34.1244	4.1044	1.00009
3400	4.1462	-1.7952	1.0002	34.2602	4.1182	1.00015
3500	4.1602	-1.8078	1.0003	34.3936	4.1313	1.00024
3600	4.1740	-1.8201	1.0004	34.5248	4.1462	1.00039
3700	4.1875	-1.8321	1.0006	34.6550	4.1620	1.00060
3800	4.2011	-1.8438	1.0009	34.7848	4.1812	1.00092
3900	4.2146	-1.8553	1.0014	34.9153	4.2028	1.00135
4000	4.2282	-1.8665	1.0020	35.0477	4.2281	1.00197
4100	4.2421	-1.8776	1.0028	35.1838	4.2594	1.00282
4200	4.2564	-1.8886	1.0040	35.3248	4.2972	1.00395
4300	4.2714	-1.8994	1.0055	35.4731	4.3445	1.00547
4400	4.2870	-1.9103	1.0075	35.6307	4.4010	1.00745

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.3037	-1.9211	1.0100	35.8003	4.4716	1.01001
4600	4.3214	-1.9321	1.0133	35.9846	4.5563	1.01329
4700	4.3404	-1.9432	1.0174	36.1870	4.6594	1.01742
4800	4.3610	-1.9546	1.0226	36.4110	4.7841	1.02260
4900	4.3834	-1.9662	1.0290	36.6606	4.9339	1.02901
5000	4.4075	-1.9783	1.0369	36.9397	5.1112	1.03685
5100	4.4334	-1.9909	1.0465	37.2480	5.3187	1.04646
5200	4.4615	-2.0041	1.0580	37.6007	5.5652	1.05795
5300	4.4917	-2.0179	1.0717	37.9977	5.8532	1.07168
5400	4.5239	-2.0326	1.0880	38.4445	6.1869	1.08794
5500	4.5580	-2.0481	1.1071	38.9459	6.5710	1.10705
5600	4.5939	-2.0646	1.1293	39.5070	7.0093	1.12933
5700	4.6313	-2.0821	1.1551	40.1324	7.5058	1.15509
5800	4.6699	-2.1006	1.1846	40.8254	8.0631	1.18460
5900	4.7095	-2.1201	1.2181	41.5885	8.6824	1.21804
6000	4.7496	-2.1406	1.2555	42.4214	9.3632	1.25553
6100	4.7896	-2.1618	1.2969	43.3192	10.0998	1.29690
6200	4.8293	-2.1837	1.3420	44.2771	10.8868	1.34198
6300	4.8680	-2.2061	1.3904	45.2849	11.7135	1.39035
6400	4.9054	-2.2285	1.4413	46.3284	12.5654	1.44127
6500	4.9408	-2.2508	1.4938	47.3891	13.4242	1.49390
6600	4.9740	-2.2726	1.5469	48.4464	14.2696	1.54685
6700	5.0045	-2.2936	1.5992	49.4786	15.0809	1.59917
6800	5.0322	-2.3135	1.6496	50.4652	15.8384	1.64959
6900	5.0570	-2.3321	1.6971	51.3894	16.5262	1.69707
7000	5.0789	-2.3495	1.7408	52.2387	17.1334	1.74081
7100	5.0981	-2.3654	1.7803	53.0065	17.6543	1.78030
7200	5.1147	-2.3799	1.8153	53.6910	18.0886	1.81530
7300	5.1291	-2.3931	1.8459	54.2951	18.4405	1.84589
7400	5.1415	-2.4052	1.8723	54.8247	18.7171	1.87227
7500	5.1522	-2.4162	1.8948	55.2878	18.9275	1.89486
7600	5.1614	-2.4264	1.9141	55.6932	19.0813	1.91408
7700	5.1695	-2.4357	1.9304	56.0498	19.1876	1.93041
7800	5.1766	-2.4445	1.9443	56.3656	19.2553	1.94429
7900	5.1830	-2.4526	1.9561	56.6483	19.2924	1.95617
8000	5.1888	-2.4604	1.9663	56.9046	19.3060	1.96639
8100	5.1941	-2.4677	1.9752	57.1397	19.3012	1.97529
8200	5.1990	-2.4748	1.9831	57.3589	19.2836	1.98314
8300	5.2037	-2.4816	1.9901	57.5659	19.2571	1.99021
8400	5.2081	-2.4882	1.9966	57.7642	19.2249	1.99668
8500	5.2125	-2.4946	2.0026	57.9566	19.1899	2.00272
8600	5.2168	-2.5009	2.0083	58.1457	19.1547	2.00849
8700	5.2210	-2.5072	2.0139	58.3333	19.1210	2.01412
8800	5.2253	-2.5133	2.0195	58.5213	19.0907	2.01970
8900	5.2296	-2.5194	2.0251	58.7111	19.0650	2.02535
9000	5.2340	-2.5255	2.0309	58.9042	19.0452	2.03114
9100	5.2385	-2.5316	2.0368	59.1017	19.0323	2.03715
9200	5.2432	-2.5377	2.0431	59.3047	19.0274	2.04346
9300	5.2479	-2.5438	2.0497	59.5142	19.0310	2.05011
9400	5.2529	-2.5499	2.0567	59.7311	19.0443	2.05718
9500	5.2580	-2.5561	2.0641	59.9563	19.0679	2.06472
9600	5.2634	-2.5623	2.0721	60.1904	19.1021	2.07280
9700	5.2689	-2.5686	2.0807	60.4344	19.1481	2.08145
9800	5.2747	-2.5749	2.0898	60.6889	19.2059	2.09072
9900	5.2807	-2.5814	2.0997	60.9547	19.2762	2.10068

LOG P=-0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.2869	-2.5879	2.1102	61.2326	19.3598	2.11138
10100	5.2934	-2.5946	2.1216	61.5227	19.4570	2.12284
10200	5.3002	-2.6013	2.1337	61.8265	19.5686	2.13515
10300	5.3072	-2.6082	2.1467	62.1438	19.6945	2.14831
10400	5.3145	-2.6152	2.1606	62.4759	19.8354	2.16240
10500	5.3220	-2.6223	2.1754	62.8228	19.9920	2.17746
10600	5.3299	-2.6296	2.1913	63.1854	20.1643	2.19352
10700	5.3380	-2.6370	2.2082	63.5641	20.3529	2.21066
10800	5.3464	-2.6446	2.2261	63.9597	20.5581	2.22889
10900	5.3551	-2.6523	2.2452	64.3718	20.7799	2.24825
11000	5.3640	-2.6601	2.2654	64.8016	21.0188	2.26878
11100	5.3732	-2.6682	2.2869	65.2493	21.2751	2.29055
11200	5.3826	-2.6763	2.3095	65.7150	21.5487	2.31354
11300	5.3923	-2.6847	2.3334	66.1988	21.8398	2.33780
11400	5.4022	-2.6932	2.3586	66.7007	22.1479	2.36335
11500	5.4124	-2.7018	2.3850	67.2214	22.4738	2.39024
11600	5.4227	-2.7106	2.4127	67.7599	22.8162	2.41840
11700	5.4332	-2.7195	2.4418	68.3166	23.1755	2.44792
11800	5.4439	-2.7285	2.4721	68.8904	23.5505	2.47871
11900	5.4547	-2.7377	2.5037	69.4816	23.9413	2.51082
12000	5.4656	-2.7470	2.5366	70.0897	24.3474	2.54422
12100	5.4767	-2.7564	2.5706	70.7128	24.7664	2.57882
12200	5.4877	-2.7659	2.6059	71.3507	25.1989	2.61461
12300	5.4989	-2.7755	2.6422	72.0021	25.6427	2.65153
12400	5.5100	-2.7851	2.6795	72.6654	26.0966	2.68949
12500	5.5211	-2.7947	2.7179	73.3398	26.5595	2.72843
12600	5.5322	-2.8044	2.7571	74.0232	27.0294	2.76823
12700	5.5432	-2.8141	2.7970	74.7145	27.5053	2.80882
12800	5.5541	-2.8238	2.8376	75.4107	27.9839	2.85003
12900	5.5649	-2.8334	2.8787	76.1105	28.4637	2.89177
13000	5.5755	-2.8430	2.9202	76.8115	28.9429	2.93386
13100	5.5859	-2.8524	2.9619	77.5108	29.4185	2.97614
13200	5.5961	-2.8618	3.0036	78.2074	29.8896	3.01851
13300	5.6061	-2.8711	3.0453	78.8986	30.3533	3.06080
13400	5.6158	-2.8802	3.0868	79.5820	30.8076	3.10284
13500	5.6252	-2.8892	3.1279	80.2559	31.2507	3.14449
13600	5.6343	-2.8980	3.1685	80.9179	31.6803	3.18559
13700	5.6432	-2.9066	3.2084	81.5663	32.0949	3.22600
13800	5.6517	-2.9150	3.2474	82.1991	32.4929	3.26558
13900	5.6598	-2.9232	3.2856	82.8147	32.8725	3.30420
14000	5.6679	-2.9312	3.3228	83.4255	33.2467	3.34178
14100	5.6752	-2.9390	3.3588	83.9902	33.5735	3.37821
14200	5.6824	-2.9466	3.3936	84.5484	33.8933	3.41343
14300	5.6893	-2.9539	3.4272	85.0851	34.1912	3.44731
14400	5.6958	-2.9610	3.4595	85.6010	34.4679	3.47989
14500	5.7020	-2.9678	3.4904	86.0949	34.7224	3.51105
14600	5.7079	-2.9745	3.5199	86.5663	34.9543	3.54077
14700	5.7134	-2.9809	3.5480	87.0169	35.1657	3.56912
14800	5.7187	-2.9871	3.5748	87.4461	35.3557	3.59603
14900	5.7237	-2.9931	3.6001	87.8541	35.5249	3.62153
15000	5.7285	-2.9989	3.6241	88.2415	35.6745	3.64564

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5412	-0.1615	0.9941	20.5765	3.4771	1.00000
200	2.8443	-0.4645	0.9994	23.0106	3.4935	1.00000
300	3.0211	-0.6409	1.0000	24.4314	3.4989	1.00000
400	3.1470	-0.7659	1.0004	25.4410	3.5071	1.00000
500	3.2450	-0.8628	1.0004	26.2299	3.5155	1.00000
600	3.3251	-0.9420	1.0004	26.8839	3.5232	1.00000
700	3.3930	-1.0090	1.0004	27.4480	3.5310	1.00000
800	3.4552	-1.0669	1.0004	27.9473	3.5655	1.00000
900	3.5098	-1.1181	1.0004	28.3971	3.5939	1.00000
1000	3.5589	-1.1638	1.0001	28.8082	3.6219	1.00000
1100	3.6039	-1.2052	1.0001	29.1851	3.6522	1.00000
1200	3.6453	-1.2430	1.0001	29.5344	3.6824	1.00000
1300	3.6836	-1.2778	1.0001	29.8600	3.7120	1.00000
1400	3.7191	-1.3099	1.0001	30.1647	3.7406	1.00000
1500	3.7522	-1.3399	1.0001	30.4512	3.7681	1.00000
1600	3.7833	-1.3679	1.0001	30.7214	3.7943	1.00000
1700	3.8124	-1.3943	1.0001	30.9771	3.8192	1.00000
1800	3.8399	-1.4191	1.0001	31.2196	3.8427	1.00000
1900	3.8659	-1.4426	1.0001	31.4503	3.8650	1.00000
2000	3.8918	-1.4647	1.0001	31.6828	3.8973	1.00000
2100	3.9153	-1.4858	1.0000	31.8944	3.9179	1.00000
2200	3.9377	-1.5060	1.0000	32.0969	3.9384	1.00000
2300	3.9591	-1.5253	1.0000	32.2912	3.9567	1.00000
2400	3.9795	-1.5438	1.0000	32.4778	3.9743	1.00000
2500	3.9991	-1.5616	1.0000	32.6574	3.9919	1.00000
2600	4.0179	-1.5786	1.0000	32.8303	4.0078	1.00000
2700	4.0359	-1.5950	1.0000	32.9972	4.0227	1.00000
2800	4.0533	-1.6108	1.0000	33.1585	4.0381	1.00000
2900	4.0701	-1.6260	1.0000	33.3145	4.0520	1.00001
3000	4.0862	-1.6407	1.0000	33.4656	4.0651	1.00001
3100	4.1019	-1.6550	1.0001	33.6123	4.0788	1.00002
3200	4.1170	-1.6688	1.0001	33.7549	4.0913	1.00004
3300	4.1317	-1.6822	1.0001	33.8938	4.1041	1.00008
3400	4.1461	-1.6952	1.0002	34.0293	4.1176	1.00013
3500	4.1601	-1.7078	1.0002	34.1624	4.1304	1.00021
3600	4.1738	-1.7201	1.0004	34.2931	4.1449	1.00034
3700	4.1873	-1.7320	1.0006	34.4225	4.1599	1.00054
3800	4.2008	-1.7437	1.0008	34.5513	4.1782	1.00081
3900	4.2142	-1.7552	1.0012	34.6803	4.1984	1.00120
4000	4.2276	-1.7664	1.0018	34.8108	4.2218	1.00176
4100	4.2412	-1.7775	1.0025	34.9442	4.2507	1.00251
4200	4.2552	-1.7884	1.0036	35.0818	4.2852	1.00352
4300	4.2698	-1.7992	1.0049	35.2255	4.3282	1.00487
4400	4.2849	-1.8099	1.0067	35.3772	4.3795	1.00663
4500	4.3009	-1.8207	1.0089	35.5396	4.4432	1.00893
4600	4.3179	-1.8315	1.0119	35.7147	4.5195	1.01185
4700	4.3360	-1.8424	1.0156	35.9057	4.6122	1.01553
4800	4.3556	-1.8535	1.0202	36.1157	4.7240	1.02014
4900	4.3767	-1.8649	1.0259	36.3484	4.8583	1.02586
5000	4.3994	-1.8766	1.0329	36.6072	5.0171	1.03285
5100	4.4238	-1.8888	1.0414	36.8911	5.2022	1.04142
5200	4.4502	-1.9015	1.0517	37.2153	5.4228	1.05167
5300	4.4787	-1.9148	1.0639	37.5790	5.6804	1.06391
5400	4.5090	-1.9288	1.0785	37.9372	5.9791	1.07843
5500	4.5413	-1.9436	1.0955	38.4445	6.3230	1.09552

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.5753	-1.9593	1.1155	38.9554	6.7161	1.11547
5700	4.6109	-1.9758	1.1386	39.5247	7.1621	1.13857
5800	4.6479	-1.9934	1.1651	40.1559	7.6640	1.16509
5900	4.6859	-2.0119	1.1953	40.8522	8.2240	1.19528
6000	4.7247	-2.0314	1.2293	41.6148	8.8427	1.22927
6100	4.7638	-2.0517	1.2670	42.4407	9.5165	1.26703
6200	4.8028	-2.0728	1.3085	43.3280	10.2427	1.30852
6300	4.8413	-2.0944	1.3535	44.2697	11.0138	1.35347
6400	4.8788	-2.1163	1.4014	45.2550	11.8190	1.40136
6500	4.9148	-2.1383	1.4515	46.2700	12.6441	1.45151
6600	4.9490	-2.1601	1.5030	47.2975	13.4720	1.50299
6700	4.9809	-2.1813	1.5548	48.3178	14.2837	1.55474
6800	5.0103	-2.2018	1.6056	49.3113	15.0597	1.60563
6900	5.0370	-2.2211	1.6546	50.2597	15.7827	1.65458
7000	5.0610	-2.2393	1.7006	51.1474	16.4384	1.70061
7100	5.0822	-2.2562	1.7430	51.9638	17.0173	1.74303
7200	5.1007	-2.2717	1.7814	52.7031	17.5151	1.78136
7300	5.1169	-2.2859	1.8154	53.3642	17.9316	1.81544
7400	5.1310	-2.2989	1.8453	53.9500	18.2710	1.84532
7500	5.1432	-2.3108	1.8712	54.4659	18.5397	1.87122
7600	5.1537	-2.3217	1.8935	54.9190	18.7457	1.89349
7700	5.1629	-2.3317	1.9125	55.3176	18.8980	1.91254
7800	5.1710	-2.3410	1.9288	55.6694	19.0052	1.92881
7900	5.1781	-2.3496	1.9427	55.9825	19.0755	1.94272
8000	5.1845	-2.3578	1.9546	56.2635	19.1162	1.95466
8100	5.1903	-2.3654	1.9649	56.5187	19.1338	1.96497
8200	5.1956	-2.3727	1.9739	56.7535	19.1337	1.97399
8300	5.2006	-2.3798	1.9819	56.9724	19.1206	1.98199
8400	5.2053	-2.3865	1.9891	57.1791	19.0986	1.98916
8500	5.2098	-2.3931	1.9956	57.3771	19.0707	1.99574
8600	5.2142	-2.3995	2.0018	57.5691	19.0397	2.00189
8700	5.2185	-2.4058	2.0076	57.7572	19.0079	2.00775
8800	5.2227	-2.4120	2.0132	57.9439	18.9773	2.01344
8900	5.2270	-2.4181	2.0188	58.1303	18.9496	2.01908
9000	5.2313	-2.4242	2.0245	58.3181	18.9260	2.02474
9100	5.2357	-2.4302	2.0302	58.5088	18.9076	2.03053
9200	5.2402	-2.4362	2.0362	58.7034	18.8957	2.03652
9300	5.2447	-2.4422	2.0423	58.9028	18.8908	2.04276
9400	5.2495	-2.4482	2.0488	59.1082	18.8942	2.04933
9500	5.2543	-2.4543	2.0557	59.3203	18.9062	2.05629
9600	5.2594	-2.4604	2.0630	59.5399	18.9278	2.06369
9700	5.2646	-2.4665	2.0708	59.7680	18.9596	2.07157
9800	5.2700	-2.4727	2.0791	60.0050	19.0020	2.07998
9900	5.2757	-2.4790	2.0881	60.2518	19.0555	2.08900
10000	5.2815	-2.4853	2.0976	60.5091	19.1210	2.09865
10100	5.2876	-2.4917	2.1078	60.7771	19.1985	2.10898
10200	5.2939	-2.4983	2.1187	61.0573	19.2892	2.12006
10300	5.3005	-2.5049	2.1304	61.3493	19.3924	2.13189
10400	5.3073	-2.5116	2.1428	61.6544	19.5095	2.14456
10500	5.3143	-2.5185	2.1562	61.9727	19.6406	2.15807
10600	5.3217	-2.5254	2.1704	62.3050	19.7861	2.17250
10700	5.3292	-2.5325	2.1855	62.6518	19.9463	2.18787
10800	5.3371	-2.5398	2.2016	63.0137	20.1218	2.20425
10900	5.3452	-2.5471	2.2187	63.3905	20.3124	2.22164
11000	5.3535	-2.5546	2.2369	63.7833	20.5187	2.24009

LOG P=-0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.3622	-2.5623	2.2561	64.1923	20.7408	2.25966
11200	5.3710	-2.5701	2.2765	64.6178	20.9794	2.28035
11300	5.3801	-2.5780	2.2980	65.0598	21.2338	2.30221
11400	5.3894	-2.5861	2.3207	65.5188	21.5044	2.32526
11500	5.3990	-2.5944	2.3445	65.9949	21.7914	2.34954
11600	5.4087	-2.6027	2.3696	66.4879	22.0942	2.37502
11700	5.4187	-2.6113	2.3959	66.9981	22.4135	2.40177
11800	5.4288	-2.6199	2.4234	67.5246	22.7483	2.42973
11900	5.4391	-2.6287	2.4521	68.0680	23.0982	2.45896
12000	5.4496	-2.6376	2.4820	68.6281	23.4634	2.48944
12100	5.4601	-2.6466	2.5132	69.2032	23.8422	2.52111
12200	5.4708	-2.6557	2.5455	69.7936	24.2348	2.55399
12300	5.4815	-2.6649	2.5789	70.3980	24.6396	2.58800
12400	5.4923	-2.6742	2.6134	71.0157	25.0561	2.62312
12500	5.5032	-2.6836	2.6490	71.6458	25.4831	2.65928
12600	5.5140	-2.6930	2.6855	72.2867	25.9192	2.69641
12700	5.5248	-2.7024	2.7229	72.9374	26.3633	2.73445
12800	5.5356	-2.7119	2.7610	73.5960	26.8132	2.77327
12900	5.5462	-2.7213	2.7999	74.2612	27.2679	2.81281
13000	5.5568	-2.7308	2.8393	74.9310	27.7252	2.85292
13100	5.5673	-2.7401	2.8792	75.6028	28.1831	2.89345
13200	5.5776	-2.7495	2.9195	76.2760	28.6402	2.93434
13300	5.5877	-2.7587	2.9599	76.9484	29.0946	2.97545
13400	5.5976	-2.7679	3.0004	77.6171	29.5440	3.01658
13500	5.6073	-2.7769	3.0409	78.2813	29.9867	3.05766
13600	5.6167	-2.7858	3.0811	78.9383	30.4209	3.09851
13700	5.6259	-2.7946	3.1210	79.5864	30.8441	3.13901
13800	5.6348	-2.8032	3.1604	80.2234	31.2553	3.17899
13900	5.6434	-2.8117	3.1992	80.8476	31.6526	3.21831
14000	5.6519	-2.8199	3.2373	81.4704	32.0473	3.25688
14100	5.6598	-2.8280	3.2745	82.0526	32.3999	3.29459
14200	5.6675	-2.8358	3.3108	82.6306	32.7477	3.33133
14300	5.6749	-2.8435	3.3460	83.1903	33.0764	3.36698
14400	5.6819	-2.8509	3.3802	83.7321	33.3865	3.40152
14500	5.6887	-2.8581	3.4131	84.2540	33.6765	3.43483
14600	5.6951	-2.8651	3.4448	84.7555	33.9456	3.46685
14700	5.7013	-2.8719	3.4753	85.2378	34.1953	3.49762
14800	5.7071	-2.8785	3.5045	85.6998	34.4246	3.52706
14900	5.7127	-2.8849	3.5323	86.1412	34.6337	3.55515
15000	5.7180	-2.8910	3.5589	86.5625	34.8228	3.58189

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5410	-0.0611	0.9931	20.3448	3.4753	1.00000
200	2.8442	-0.3645	0.9993	22.7800	3.4931	1.00000
300	3.0211	-0.5409	1.0000	24.2010	3.4989	1.00000
400	3.1470	-0.6659	1.0004	25.2106	3.5072	1.00000
500	3.2450	-0.7628	1.0005	25.9998	3.5155	1.00000
600	3.3251	-0.8420	1.0005	26.6536	3.5232	1.00000
700	3.3930	-0.9090	1.0005	27.2177	3.5310	1.00000
800	3.4552	-0.9669	1.0005	27.7170	3.5655	1.00000
900	3.5098	-1.0181	1.0004	28.1668	3.5939	1.00000
1000	3.5589	-1.0638	1.0001	28.5779	3.6219	1.00000
1100	3.6039	-1.1052	1.0001	28.9548	3.6522	1.00000

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-1.1430	1.0001	29.3042	3.6824	1.00000
1300	3.6836	-1.1778	1.0001	29.6297	3.7120	1.00000
1400	3.7191	-1.2099	1.0001	29.9345	3.7407	1.00000
1500	3.7522	-1.2399	1.0001	30.2210	3.7681	1.00000
1600	3.7833	-1.2679	1.0001	30.4912	3.7943	1.00000
1700	3.8124	-1.2943	1.0001	30.7468	3.8192	1.00000
1800	3.8399	-1.3191	1.0001	30.9893	3.8427	1.00000
1900	3.8659	-1.3426	1.0001	31.2200	3.8650	1.00000
2000	3.8918	-1.3647	1.0001	31.4525	3.8973	1.00000
2100	3.9153	-1.3858	1.0001	31.6641	3.9179	1.00000
2200	3.9377	-1.4061	1.0001	31.8666	3.9384	1.00000
2300	3.9591	-1.4254	1.0001	32.0609	3.9567	1.00000
2400	3.9795	-1.4438	1.0001	32.2475	3.9744	1.00000
2500	3.9991	-1.4616	1.0001	32.4271	3.9919	1.00000
2600	4.0179	-1.4786	1.0000	32.6000	4.0078	1.00000
2700	4.0359	-1.4950	1.0000	32.7670	4.0228	1.00000
2800	4.0533	-1.5108	1.0000	32.9283	4.0380	1.00000
2900	4.0701	-1.5260	1.0000	33.0842	4.0520	1.00001
3000	4.0862	-1.5407	1.0001	33.2353	4.0651	1.00001
3100	4.1019	-1.5550	1.0001	33.3819	4.0787	1.00002
3200	4.1170	-1.5688	1.0001	33.5244	4.0911	1.00004
3300	4.1317	-1.5822	1.0001	33.6631	4.1038	1.00007
3400	4.1461	-1.5952	1.0002	33.7986	4.1171	1.00012
3500	4.1600	-1.6078	1.0002	33.9312	4.1296	1.00019
3600	4.1737	-1.6201	1.0003	34.0615	4.1437	1.00031
3700	4.1871	-1.6320	1.0005	34.1903	4.1581	1.00048
3800	4.2005	-1.6437	1.0008	34.3182	4.1754	1.00072
3900	4.2137	-1.6551	1.0011	34.4458	4.1945	1.00107
4000	4.2270	-1.6664	1.0016	34.5746	4.2163	1.00157
4100	4.2404	-1.6774	1.0023	34.7056	4.2429	1.00224
4200	4.2541	-1.6882	1.0032	34.8401	4.2745	1.00314
4300	4.2683	-1.6990	1.0044	34.9798	4.3139	1.00434
4400	4.2830	-1.7096	1.0059	35.1263	4.3603	1.00591
4500	4.2984	-1.7203	1.0080	35.2821	4.4180	1.00796
4600	4.3147	-1.7309	1.0106	35.4490	4.4867	1.01056
4700	4.3320	-1.7417	1.0139	35.6299	4.5700	1.01384
4800	4.3506	-1.7526	1.0180	35.8275	4.6704	1.01795
4900	4.3706	-1.7637	1.0231	36.0452	4.7909	1.02305
5000	4.3921	-1.7751	1.0293	36.2859	4.9331	1.02928
5100	4.4150	-1.7869	1.0370	36.5480	5.0984	1.03692
5200	4.4399	-1.7992	1.0461	36.8468	5.2956	1.04607
5300	4.4667	-1.8120	1.0570	37.1808	5.5261	1.05698
5400	4.4953	-1.8254	1.0700	37.5543	5.7935	1.06995
5500	4.5258	-1.8395	1.0852	37.9718	6.1014	1.08521
5600	4.5580	-1.8544	1.1031	38.4375	6.4536	1.10305
5700	4.5918	-1.8702	1.1238	38.9559	6.8538	1.12374
5800	4.6271	-1.8868	1.1476	39.5308	7.3051	1.14755
5900	4.6635	-1.9044	1.1747	40.1654	7.8101	1.17472
6000	4.7009	-1.9229	1.2055	40.8620	8.3702	1.20544
6100	4.7388	-1.9423	1.2398	41.6191	8.9836	1.23974
6200	4.7769	-1.9624	1.2777	42.4367	9.6492	1.27767
6300	4.8148	-1.9832	1.3191	43.3104	10.3625	1.31911
6400	4.8521	-2.0045	1.3637	44.2330	11.1157	1.36373
6500	4.8884	-2.0261	1.4111	45.1944	11.8984	1.41105
6600	4.9232	-2.0476	1.4604	46.1807	12.6964	1.46035

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	4.9562	-2.0689	1.5108	47.1752	13.4936	1.51074
6800	4.9870	-2.0896	1.5612	48.1597	14.2722	1.56121
6900	5.0154	-2.1095	1.6107	49.1164	15.0149	1.61071
7000	5.0412	-2.1284	1.6583	50.0285	15.7059	1.65825
7100	5.0643	-2.1461	1.7030	50.8827	16.3328	1.70296
7200	5.0849	-2.1625	1.7442	51.6694	16.8871	1.74418
7300	5.1030	-2.1777	1.7815	52.3836	17.3649	1.78153
7400	5.1188	-2.1917	1.8148	53.0246	17.7666	1.81483
7500	5.1326	-2.2045	1.8441	53.5943	18.0956	1.84413
7600	5.1446	-2.2162	1.8696	54.0978	18.3575	1.86961
7700	5.1551	-2.2269	1.8916	54.5423	18.5607	1.89164
7800	5.1642	-2.2369	1.9106	54.9349	18.7126	1.91058
7900	5.1723	-2.2461	1.9268	55.2830	18.8216	1.92683
8000	5.1794	-2.2547	1.9408	55.5938	18.8951	1.94080
8100	5.1859	-2.2627	1.9528	55.8737	18.9399	1.95284
8200	5.1917	-2.2704	1.9632	56.1285	18.9622	1.96329
8300	5.1971	-2.2777	1.9724	56.3631	18.9669	1.97246
8400	5.2021	-2.2847	1.9805	56.5819	18.9586	1.98059
8500	5.2068	-2.2914	1.9878	56.7887	18.9411	1.98792
8600	5.2114	-2.2979	1.9945	56.9866	18.9175	1.99463
8700	5.2158	-2.3043	2.0007	57.1780	18.8904	2.00089
8800	5.2201	-2.3106	2.0067	57.3656	18.8620	2.00684
8900	5.2243	-2.3167	2.0124	57.5509	18.8344	2.01260
9000	5.2286	-2.3228	2.0180	57.7358	18.8091	2.01828
9100	5.2329	-2.3288	2.0237	57.9217	18.7873	2.02397
9200	5.2373	-2.3348	2.0294	58.1099	18.7702	2.02976
9300	5.2417	-2.3407	2.0353	58.3015	18.7589	2.03571
9400	5.2462	-2.3467	2.0414	58.4974	18.7543	2.04190
9500	5.2509	-2.3526	2.0479	58.6986	18.7569	2.04838
9600	5.2557	-2.3586	2.0546	58.9060	18.7679	2.05522
9700	5.2606	-2.3646	2.0618	59.1203	18.7874	2.06247
9800	5.2658	-2.3707	2.0694	59.3422	18.8166	2.07016
9900	5.2711	-2.3768	2.0775	59.5724	18.8557	2.07836
10000	5.2766	-2.3829	2.0861	59.8117	18.9051	2.08711
10100	5.2823	-2.3892	2.0953	60.0603	18.9653	2.09645
10200	5.2882	-2.3955	2.1052	60.3196	19.0375	2.10645
10300	5.2943	-2.4019	2.1157	60.5892	19.1209	2.11711
10400	5.3007	-2.4084	2.1269	60.8702	19.2166	2.12850
10500	5.3073	-2.4150	2.1388	61.1631	19.3252	2.14065
10600	5.3142	-2.4217	2.1516	61.4683	19.4469	2.15361
10700	5.3212	-2.4285	2.1652	61.7864	19.5818	2.16742
10800	5.3286	-2.4354	2.1796	62.1180	19.7304	2.18212
10900	5.3361	-2.4425	2.1950	62.4630	19.8930	2.19774
11000	5.3439	-2.4496	2.2113	62.8224	20.0699	2.21431
11100	5.3520	-2.4569	2.2285	63.1965	20.2615	2.23190
11200	5.3603	-2.4644	2.2468	63.5854	20.4678	2.25050
11300	5.3688	-2.4720	2.2661	63.9894	20.6890	2.27017
11400	5.3776	-2.4797	2.2865	64.4089	20.9251	2.29093
11500	5.3866	-2.4875	2.3080	64.8441	21.1766	2.31282
11600	5.3957	-2.4955	2.3306	65.2952	21.4430	2.33592
11700	5.4051	-2.5037	2.3543	65.7622	21.7248	2.36000
11800	5.4147	-2.5119	2.3792	66.2446	22.0211	2.38533
11900	5.4245	-2.5203	2.4052	66.7431	22.3324	2.41184
12000	5.4344	-2.5288	2.4324	67.2574	22.6584	2.43955
12100	5.4445	-2.5375	2.4607	67.7864	22.9980	2.46840

LOG P=-0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.4547	-2.5462	2.4902	68.3306	23.3514	2.49843
12300	5.4650	-2.5550	2.5208	68.8890	23.7177	2.52958
12400	5.4754	-2.5640	2.5524	69.4610	24.0961	2.56185
12500	5.4858	-2.5730	2.5851	70.0461	24.4860	2.59519
12600	5.4963	-2.5821	2.6189	70.6430	24.8864	2.62956
12700	5.5069	-2.5912	2.6535	71.2511	25.2961	2.66490
12800	5.5174	-2.6004	2.6891	71.8691	25.7139	2.70114
12900	5.5279	-2.6096	2.7255	72.4961	26.1394	2.73823
13000	5.5383	-2.6189	2.7626	73.1302	26.5699	2.77605
13100	5.5487	-2.6281	2.8004	73.7693	27.0038	2.81448
13200	5.5590	-2.6373	2.8387	74.4131	27.4402	2.85347
13300	5.5691	-2.6465	2.8774	75.0595	27.8778	2.89290
13400	5.5791	-2.6556	2.9165	75.7061	28.3139	2.93262
13500	5.5889	-2.6646	2.9557	76.3519	28.7474	2.97253
13600	5.5986	-2.6735	2.9950	76.9950	29.1768	3.01252
13700	5.6080	-2.6824	3.0342	77.6331	29.5992	3.05241
13800	5.6172	-2.6911	3.0733	78.2645	30.0140	3.09210
13900	5.6262	-2.6996	3.1120	78.8873	30.4187	3.13143
14000	5.6350	-2.7081	3.1503	79.5121	30.8238	3.17031
14100	5.6433	-2.7163	3.1880	80.1023	31.1933	3.20863
14200	5.6514	-2.7244	3.2251	80.6914	31.5606	3.24626
14300	5.6593	-2.7323	3.2614	81.2659	31.9124	3.28308
14400	5.6669	-2.7401	3.2969	81.8256	32.2486	3.31902
14500	5.6742	-2.7476	3.3314	82.3685	32.5674	3.35397
14600	5.6811	-2.7549	3.3648	82.8939	32.8680	3.38783
14700	5.6878	-2.7620	3.3972	83.4022	33.1508	3.42063
14800	5.6942	-2.7690	3.4285	83.8923	33.4153	3.45225
14900	5.7003	-2.7757	3.4586	84.3633	33.6605	3.48264
15000	5.7061	-2.7822	3.4875	84.8155	33.8869	3.51180

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5403	0.0394	0.9917	20.1121	3.4700	1.00000
200	2.8442	-0.2644	0.9991	22.5495	3.4926	1.00000
300	3.0210	-0.4409	1.0000	23.9706	3.4989	1.00000
400	3.1470	-0.5659	1.0004	24.9811	3.5072	1.00000
500	3.2450	-0.6628	1.0005	25.7696	3.5155	1.00000
600	3.3251	-0.7420	1.0005	26.4249	3.5232	1.00000
700	3.3930	-0.8090	1.0005	26.9874	3.5310	1.00000
800	3.4552	-0.8669	1.0005	27.4867	3.5656	1.00000
900	3.5098	-0.9181	1.0005	27.9365	3.5939	1.00000
1000	3.5589	-0.9638	1.0001	28.3476	3.6219	1.00000
1100	3.6040	-1.0052	1.0001	28.7246	3.6522	1.00000
1200	3.6453	-1.0430	1.0001	29.0739	3.6825	1.00000
1300	3.6836	-1.0778	1.0001	29.3995	3.7121	1.00000
1400	3.7191	-1.1100	1.0001	29.7042	3.7407	1.00000
1500	3.7522	-1.1399	1.0001	29.9907	3.7681	1.00000
1600	3.7833	-1.1679	1.0001	30.2609	3.7943	1.00000
1700	3.8124	-1.1943	1.0001	30.5166	3.8192	1.00000
1800	3.8399	-1.2191	1.0001	30.7591	3.8427	1.00000
1900	3.8659	-1.2426	1.0001	30.9898	3.8650	1.00000
2000	3.8918	-1.2647	1.0001	31.2223	3.8973	1.00000
2100	3.9153	-1.2859	1.0001	31.4339	3.9180	1.00000
2200	3.9377	-1.3061	1.0001	31.6364	3.9384	1.00000

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-1.3254	1.0001	31.8307	3.9567	1.00000
2400	3.9795	-1.3438	1.0001	32.0173	3.9743	1.00000
2500	3.9991	-1.3616	1.0001	32.1969	3.9919	1.00000
2600	4.0179	-1.3786	1.0001	32.3698	4.0079	1.00000
2700	4.0359	-1.3950	1.0001	32.5367	4.0228	1.00000
2800	4.0533	-1.4108	1.0001	32.6980	4.0380	1.00000
2900	4.0701	-1.4260	1.0001	32.8539	4.0520	1.00001
3000	4.0862	-1.4407	1.0001	33.0050	4.0651	1.00001
3100	4.1019	-1.4550	1.0001	33.1516	4.0786	1.00002
3200	4.1170	-1.4688	1.0001	33.2940	4.0910	1.00003
3300	4.1317	-1.4822	1.0001	33.4326	4.1036	1.00006
3400	4.1460	-1.4952	1.0002	33.5678	4.1167	1.00011
3500	4.1599	-1.5078	1.0002	33.7002	4.1289	1.00017
3600	4.1736	-1.5200	1.0003	33.8301	4.1426	1.00027
3700	4.1869	-1.5320	1.0005	33.9583	4.1564	1.00043
3800	4.2002	-1.5437	1.0007	34.0853	4.1730	1.00064
3900	4.2134	-1.5551	1.0010	34.2118	4.1910	1.00096
4000	4.2265	-1.5663	1.0014	34.3391	4.2113	1.00139
4100	4.2397	-1.5773	1.0020	34.4678	4.2359	1.00200
4200	4.2532	-1.5881	1.0028	34.5996	4.2650	1.00280
4300	4.2670	-1.5988	1.0039	34.7357	4.3010	1.00387
4400	4.2813	-1.6094	1.0053	34.8777	4.3432	1.00527
4500	4.2962	-1.6199	1.0071	35.0276	4.3954	1.00709
4600	4.3118	-1.6304	1.0094	35.1872	4.4575	1.00941
4700	4.3284	-1.6410	1.0124	35.3591	4.5325	1.01233
4800	4.3461	-1.6517	1.0160	35.5456	4.6227	1.01600
4900	4.3651	-1.6626	1.0206	35.7499	4.7308	1.02054
5000	4.3855	-1.6738	1.0261	35.9744	4.8583	1.02610
5100	4.4070	-1.6852	1.0329	36.2171	5.0058	1.03291
5200	4.4305	-1.6971	1.0411	36.4930	5.1823	1.04106
5300	4.4557	-1.7094	1.0508	36.8004	5.3885	1.05080
5400	4.4827	-1.7223	1.0624	37.1431	5.6277	1.06237
5500	4.5115	-1.7358	1.0760	37.5249	5.9033	1.07600
5600	4.5419	-1.7500	1.0920	37.9500	6.2188	1.09194
5700	4.5739	-1.7650	1.1105	38.4224	6.5775	1.11046
5800	4.6075	-1.7808	1.1318	38.9461	6.9827	1.13179
5900	4.6423	-1.7975	1.1562	39.5242	7.4371	1.15620
6000	4.6781	-1.8151	1.1839	40.1597	7.9429	1.18389
6100	4.7147	-1.8335	1.2150	40.8521	8.4991	1.21493
6200	4.7517	-1.8527	1.2495	41.6028	9.1062	1.24945
6300	4.7889	-1.8727	1.2874	42.4094	9.7615	1.28742
6400	4.8257	-1.8932	1.3287	43.2675	10.4600	1.32866
6500	4.8619	-1.9141	1.3729	44.1697	11.1939	1.37285
6600	4.8970	-1.9353	1.4195	45.1057	11.9530	1.41947
6700	4.9307	-1.9564	1.4679	46.0621	12.7237	1.46783
6800	4.9625	-1.9771	1.5171	47.0234	13.4907	1.51707
6900	4.9923	-1.9973	1.5663	47.9733	14.2380	1.56627
7000	5.0197	-2.0167	1.6145	48.8950	14.9496	1.61444
7100	5.0447	-2.0351	1.6607	49.7735	15.6110	1.66066
7200	5.0672	-2.0524	1.7042	50.5967	16.2115	1.70413
7300	5.0872	-2.0685	1.7443	51.3561	16.7435	1.74428
7400	5.1049	-2.0834	1.7807	52.0475	17.2039	1.78073
7500	5.1204	-2.0971	1.8133	52.6699	17.5925	1.81334
7600	5.1340	-2.1097	1.8422	53.2255	17.9130	1.84214
7700	5.1459	-2.1213	1.8673	53.7190	18.1705	1.86734

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.1563	-2.1320	1.8892	54.1565	18.3720	1.88922
7900	5.1654	-2.1418	1.9081	54.5445	18.5248	1.90813
8000	5.1735	-2.1510	1.9244	54.8899	18.6364	1.92443
8100	5.1806	-2.1595	1.9385	55.1993	18.7135	1.93850
8200	5.1871	-2.1676	1.9506	55.4785	18.7626	1.95068
8300	5.1930	-2.1752	1.9613	55.7332	18.7898	1.96130
8400	5.1984	-2.1825	1.9706	55.9680	18.7993	1.97064
8500	5.2035	-2.1894	1.9789	56.1871	18.7961	1.97894
8600	5.2083	-2.1962	1.9863	56.3941	18.7832	1.98642
8700	5.2128	-2.2027	1.9931	56.5918	18.7640	1.99327
8800	5.2173	-2.2090	1.9995	56.7831	18.7408	1.99966
8900	5.2216	-2.2152	2.0055	56.9699	18.7159	2.00571
9000	5.2259	-2.2213	2.0113	57.1542	18.6914	2.01155
9100	5.2301	-2.2273	2.0170	57.3377	18.6683	2.01729
9200	5.2344	-2.2333	2.0227	57.5218	18.6486	2.02301
9300	5.2388	-2.2392	2.0284	57.7075	18.6329	2.02880
9400	5.2432	-2.2451	2.0343	57.8961	18.6222	2.03473
9500	5.2476	-2.2510	2.0404	58.0886	18.6176	2.04087
9600	5.2522	-2.2569	2.0467	58.2858	18.6199	2.04726
9700	5.2570	-2.2628	2.0533	58.4884	18.6296	2.05399
9800	5.2618	-2.2688	2.0603	58.6973	18.6473	2.06107
9900	5.2669	-2.2747	2.0677	58.9133	18.6738	2.06858
10000	5.2721	-2.2807	2.0756	59.1369	18.7096	2.07656
10100	5.2774	-2.2868	2.0840	59.3685	18.7549	2.08504
10200	5.2830	-2.2929	2.0929	59.6093	18.8107	2.09410
10300	5.2888	-2.2991	2.1024	59.8591	18.8766	2.10373
10400	5.2947	-2.3054	2.1125	60.1189	18.9537	2.11401
10500	5.3009	-2.3118	2.1232	60.3891	19.0420	2.12495
10600	5.3073	-2.3182	2.1347	60.6702	19.1422	2.13661
10700	5.3139	-2.3248	2.1469	60.9627	19.2545	2.14902
10800	5.3208	-2.3315	2.1599	61.2672	19.3793	2.16223
10900	5.3278	-2.3382	2.1736	61.5838	19.5166	2.17626
11000	5.3351	-2.3451	2.1883	61.9131	19.6671	2.19115
11100	5.3427	-2.3521	2.2038	62.2557	19.8308	2.20695
11200	5.3504	-2.3592	2.2202	62.6116	20.0080	2.22368
11300	5.3584	-2.3664	2.2375	62.9812	20.1991	2.24136
11400	5.3666	-2.3738	2.2558	63.3648	20.4036	2.26003
11500	5.3750	-2.3813	2.2752	63.7631	20.6228	2.27975
11600	5.3837	-2.3889	2.2955	64.1753	20.8555	2.30048
11700	5.3925	-2.3967	2.3169	64.6026	21.1027	2.32229
11800	5.4016	-2.4046	2.3393	65.0443	21.3638	2.34518
11900	5.4108	-2.4126	2.3628	65.5009	21.6391	2.36916
12000	5.4202	-2.4207	2.3874	65.9723	21.9280	2.39427
12100	5.4297	-2.4290	2.4131	66.4580	22.2307	2.42047
12200	5.4394	-2.4373	2.4398	66.9583	22.5466	2.44779
12300	5.4493	-2.4458	2.4677	67.4725	22.8755	2.47621
12400	5.4592	-2.4544	2.4966	68.0002	23.2165	2.50571
12500	5.4693	-2.4630	2.5265	68.5412	23.5696	2.53629
12600	5.4794	-2.4718	2.5575	69.0947	23.9339	2.56791
12700	5.4896	-2.4806	2.5895	69.6601	24.3086	2.60053
12800	5.4998	-2.4895	2.6224	70.2363	24.6926	2.63410
12900	5.5100	-2.4984	2.6562	70.8228	25.0853	2.66860
13000	5.5202	-2.5074	2.6908	71.4181	25.4852	2.70391
13100	5.5304	-2.5164	2.7261	72.0206	25.8910	2.73997
13200	5.5406	-2.5254	2.7621	72.6301	26.3019	2.77673

LOG P=-0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.5506	-2.5344	2.7988	73.2448	26.7166	2.81410
13400	5.5606	-2.5434	2.8359	73.8628	27.1329	2.85195
13500	5.5705	-2.5523	2.8734	74.4832	27.5500	2.89021
13600	5.5802	-2.5612	2.9113	75.1045	27.9664	2.92879
13700	5.5897	-2.5700	2.9493	75.7242	28.3798	2.96750
13800	5.5991	-2.5788	2.9874	76.3414	28.7892	3.00629
13900	5.6083	-2.5874	3.0254	76.9540	29.1926	3.04500
14000	5.6174	-2.5959	3.0632	77.5716	29.5995	3.08354
14100	5.6260	-2.6043	3.1009	78.1606	29.9767	3.12181
14200	5.6345	-2.6126	3.1381	78.7519	30.3543	3.15969
14300	5.6428	-2.6207	3.1748	79.3321	30.7202	3.19702
14400	5.6508	-2.6286	3.2110	79.9011	31.0738	3.23375
14500	5.6585	-2.6364	3.2464	80.4567	31.4131	3.26973
14600	5.6659	-2.6440	3.2810	80.9980	31.7375	3.30486
14700	5.6731	-2.6514	3.3148	81.5250	32.0464	3.33913
14800	5.6800	-2.6586	3.3477	82.0364	32.3396	3.37244
14900	5.6866	-2.6656	3.3795	82.5308	32.6154	3.40469
15000	5.6929	-2.6725	3.4103	83.0085	32.8742	3.43585

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5391	0.1403	0.9899	19.8784	3.4601	1.00000
200	2.8441	-0.1643	0.9989	22.3186	3.4918	1.00000
300	3.0210	-0.3409	1.0000	23.7416	3.4988	1.00000
400	3.1470	-0.4659	1.0005	24.7518	3.5072	1.00000
500	3.2450	-0.5628	1.0006	25.5393	3.5154	1.00000
600	3.3251	-0.6420	1.0006	26.1948	3.5232	1.00000
700	3.3930	-0.7090	1.0006	26.7618	3.5310	1.00000
800	3.4552	-0.7670	1.0006	27.2564	3.5656	1.00000
900	3.5098	-0.8181	1.0006	27.7063	3.5939	1.00000
1000	3.5589	-0.8639	1.0002	28.1174	3.6219	1.00000
1100	3.6040	-0.9052	1.0002	28.4943	3.6522	1.00000
1200	3.6453	-0.9430	1.0002	28.8436	3.6825	1.00000
1300	3.6836	-0.9778	1.0001	29.1692	3.7121	1.00000
1400	3.7191	-1.0100	1.0001	29.4740	3.7407	1.00000
1500	3.7522	-1.0399	1.0001	29.7605	3.7682	1.00000
1600	3.7833	-1.0680	1.0001	30.0307	3.7943	1.00000
1700	3.8124	-1.0943	1.0001	30.2863	3.8192	1.00000
1800	3.8399	-1.1191	1.0001	30.5288	3.8428	1.00000
1900	3.8659	-1.1426	1.0001	30.7595	3.8650	1.00000
2000	3.8918	-1.1647	1.0001	30.9920	3.8974	1.00000
2100	3.9153	-1.1859	1.0001	31.2036	3.9180	1.00000
2200	3.9378	-1.2061	1.0001	31.4061	3.9385	1.00000
2300	3.9591	-1.2254	1.0001	31.6004	3.9567	1.00000
2400	3.9795	-1.2438	1.0001	31.7871	3.9744	1.00000
2500	3.9991	-1.2616	1.0001	31.9666	3.9920	1.00000
2600	4.0179	-1.2786	1.0001	32.1395	4.0079	1.00000
2700	4.0359	-1.2950	1.0001	32.3064	4.0228	1.00000
2800	4.0533	-1.3108	1.0001	32.4677	4.0380	1.00000
2900	4.0701	-1.3260	1.0001	32.6236	4.0519	1.00000
3000	4.0862	-1.3408	1.0001	32.7747	4.0650	1.00001
3100	4.1019	-1.3550	1.0001	32.9212	4.0785	1.00002
3200	4.1170	-1.3688	1.0001	33.0636	4.0908	1.00003
3300	4.1317	-1.3822	1.0001	33.2021	4.1033	1.00006

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1460	-1.3952	1.0001	33.3372	4.1163	1.00010
3500	4.1598	-1.4078	1.0002	33.4693	4.1283	1.00015
3600	4.1735	-1.4200	1.0003	33.5988	4.1416	1.00024
3700	4.1868	-1.4320	1.0004	33.7264	4.1550	1.00038
3800	4.2000	-1.4437	1.0006	33.8527	4.1709	1.00058
3900	4.2131	-1.4551	1.0009	33.9783	4.1879	1.00085
4000	4.2260	-1.4662	1.0013	34.1040	4.2069	1.00124
4100	4.2391	-1.4772	1.0018	34.2310	4.2298	1.00178
4200	4.2523	-1.4880	1.0025	34.3602	4.2566	1.00250
4300	4.2659	-1.4986	1.0035	34.4932	4.2896	1.00345
4400	4.2797	-1.5091	1.0047	34.6310	4.3280	1.00470
4500	4.2942	-1.5196	1.0064	34.7757	4.3754	1.00632
4600	4.3093	-1.5300	1.0084	34.9288	4.4314	1.00838
4700	4.3252	-1.5405	1.0110	35.0926	4.4990	1.01099
4800	4.3421	-1.5510	1.0143	35.2693	4.5801	1.01426
4900	4.3602	-1.5617	1.0183	35.4616	4.6773	1.01831
5000	4.3794	-1.5726	1.0233	35.6718	4.7916	1.02326
5100	4.3998	-1.5837	1.0294	35.8972	4.9232	1.02933
5200	4.4220	-1.5952	1.0366	36.1528	5.0812	1.03660
5300	4.4457	-1.6071	1.0453	36.4364	5.2657	1.04529
5400	4.4712	-1.6195	1.0556	36.7514	5.4799	1.05561
5500	4.4983	-1.6325	1.0678	37.1013	5.7265	1.06778
5600	4.5270	-1.6460	1.0820	37.4898	6.0089	1.08201
5700	4.5573	-1.6603	1.0986	37.9209	6.3303	1.09857
5800	4.5891	-1.6754	1.1177	38.3981	6.6938	1.11767
5900	4.6222	-1.6912	1.1396	38.9248	7.1021	1.13957
6000	4.6565	-1.7079	1.1645	39.5041	7.5576	1.16446
6100	4.6917	-1.7254	1.1925	40.1362	8.0603	1.19246
6200	4.7275	-1.7437	1.2238	40.8234	8.6116	1.22375
6300	4.7636	-1.7628	1.2584	41.5648	9.2101	1.25834
6400	4.7998	-1.7825	1.2962	42.3581	9.8530	1.29619
6500	4.8356	-1.8027	1.3371	43.1986	10.5351	1.33710
6600	4.8707	-1.8233	1.3808	44.0791	11.2490	1.38075
6700	4.9047	-1.8440	1.4266	44.9890	11.9837	1.42660
6800	4.9372	-1.8646	1.4740	45.9158	12.7271	1.47397
6900	4.9681	-1.8849	1.5221	46.8451	13.4649	1.52209
7000	4.9968	-1.9046	1.5701	47.7615	14.1822	1.57003
7100	5.0234	-1.9235	1.6169	48.6498	14.8643	1.61691
7200	5.0476	-1.9415	1.6619	49.4968	15.4989	1.66188
7300	5.0695	-1.9585	1.7043	50.2915	16.0758	1.70424
7400	5.0890	-1.9742	1.7435	51.0267	16.5886	1.74343
7500	5.1064	-1.9889	1.7791	51.6978	17.0339	1.77913
7600	5.1217	-2.0024	1.8112	52.3040	17.4116	1.81116
7700	5.1351	-2.0148	1.8396	52.8471	17.7251	1.83957
7800	5.1469	-2.0263	1.8645	53.3317	17.9794	1.86452
7900	5.1572	-2.0368	1.8863	53.7631	18.1803	1.88630
8000	5.1664	-2.0466	1.9052	54.1472	18.3348	1.90521
8100	5.1745	-2.0558	1.9216	54.4906	18.4493	1.92161
8200	5.1817	-2.0643	1.9358	54.7989	18.5307	1.93583
8300	5.1882	-2.0723	1.9481	55.0781	18.5850	1.94819
8400	5.1942	-2.0799	1.9589	55.3331	18.6172	1.95900
8500	5.1997	-2.0872	1.9685	55.5685	18.6320	1.96853
8600	5.2048	-2.0941	1.9769	55.7881	18.6337	1.97703
8700	5.2096	-2.1008	1.9846	55.9954	18.6256	1.98468
8800	5.2142	-2.1073	1.9915	56.1934	18.6108	1.99170

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.2187	-2.1136	1.9980	56.3845	18.5916	1.99822
9000	5.2231	-2.1198	2.0042	56.5707	18.5702	2.00438
9100	5.2274	-2.1258	2.0101	56.7541	18.5486	2.01031
9200	5.2316	-2.1318	2.0158	56.9362	18.5280	2.01611
9300	5.2359	-2.1378	2.0215	57.1183	18.5099	2.02186
9400	5.2402	-2.1436	2.0273	57.3017	18.4953	2.02766
9500	5.2446	-2.1495	2.0331	57.4875	18.4854	2.03357
9600	5.2490	-2.1553	2.0391	57.6765	18.4809	2.03964
9700	5.2535	-2.1611	2.0454	57.8697	18.4827	2.04597
9800	5.2582	-2.1670	2.0519	58.0677	18.4911	2.05257
9900	5.2630	-2.1728	2.0587	58.2715	18.5070	2.05951
10000	5.2679	-2.1787	2.0659	58.4816	18.5310	2.06684
10100	5.2730	-2.1846	2.0736	58.6985	18.5634	2.07459
10200	5.2782	-2.1906	2.0817	58.9233	18.6051	2.08286
10300	5.2836	-2.1966	2.0903	59.1557	18.6557	2.09159
10400	5.2893	-2.2027	2.0994	59.3968	18.7164	2.10088
10500	5.2950	-2.2089	2.1091	59.6469	18.7868	2.11076
10600	5.3010	-2.2151	2.1195	59.9067	18.8683	2.12127
10700	5.3072	-2.2215	2.1304	60.1765	18.9604	2.13245
10800	5.3136	-2.2279	2.1421	60.4567	19.0640	2.14434
10900	5.3203	-2.2344	2.1545	60.7478	19.1790	2.15696
11000	5.3271	-2.2410	2.1676	61.0502	19.3055	2.17034
11100	5.3341	-2.2477	2.1815	61.3645	19.4445	2.18454
11200	5.3414	-2.2545	2.1962	61.6906	19.5956	2.19957
11300	5.3489	-2.2614	2.2118	62.0292	19.7593	2.21547
11400	5.3565	-2.2685	2.2283	62.3804	19.9357	2.23226
11500	5.3644	-2.2756	2.2456	62.7448	20.1251	2.24999
11600	5.3725	-2.2829	2.2639	63.1220	20.3274	2.26866
11700	5.3808	-2.2903	2.2831	63.5130	20.5429	2.28831
11800	5.3893	-2.2978	2.3033	63.9171	20.7713	2.30894
11900	5.3980	-2.3055	2.3245	64.3351	21.0129	2.33060
12000	5.4069	-2.3132	2.3467	64.7670	21.2679	2.35330
12100	5.4159	-2.3211	2.3699	65.2122	21.5355	2.37703
12200	5.4251	-2.3291	2.3941	65.6712	21.8161	2.40180
12300	5.4345	-2.3372	2.4194	66.1436	22.1092	2.42763
12400	5.4439	-2.3454	2.4457	66.6290	22.4142	2.45448
12500	5.4535	-2.3537	2.4729	67.1275	22.7315	2.48239
12600	5.4632	-2.3621	2.5012	67.6385	23.0600	2.51132
12700	5.4730	-2.3706	2.5305	68.1616	23.3994	2.54125
12800	5.4829	-2.3792	2.5607	68.6958	23.7489	2.57214
12900	5.4927	-2.3878	2.5918	69.2412	24.1078	2.60398
13000	5.5027	-2.3965	2.6238	69.7963	24.4753	2.63671
13100	5.5126	-2.4052	2.6567	70.3603	24.8506	2.67025
13200	5.5225	-2.4140	2.6903	70.9330	25.2329	2.70461
13300	5.5324	-2.4228	2.7246	71.5126	25.6205	2.73969
13400	5.5423	-2.4315	2.7595	72.0980	26.0124	2.77539
13500	5.5521	-2.4403	2.7950	72.6883	26.4078	2.81167
13600	5.5618	-2.4491	2.8310	73.2822	26.8052	2.84844
13700	5.5713	-2.4578	2.8674	73.8776	27.2026	2.88554
13800	5.5808	-2.4665	2.9040	74.4737	27.5994	2.92294
13900	5.5901	-2.4751	2.9408	75.0686	27.9935	2.96050
14000	5.5994	-2.4836	2.9777	75.6712	28.3940	2.99813
14100	5.6082	-2.4920	3.0146	76.2502	28.7697	3.03574
14200	5.6169	-2.5004	3.0513	76.8343	29.1488	3.07321
14300	5.6255	-2.5086	3.0878	77.4111	29.5197	3.11039

LOG P=-0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.6338	-2.5167	3.1240	77.9804	29.8819	3.14725
14500	5.6419	-2.5246	3.1598	78.5403	30.2337	3.18363
14600	5.6497	-2.5324	3.1949	79.0889	30.5737	3.21941
14700	5.6573	-2.5401	3.2295	79.6268	30.9016	3.25459
14800	5.6646	-2.5475	3.2634	80.1519	31.2161	3.28903
14900	5.6717	-2.5548	3.2965	80.6629	31.5161	3.32262
15000	5.6785	-2.5620	3.3287	81.1598	31.8012	3.35534

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5375	0.2414	0.9877	19.6437	3.4474	1.00000
200	2.8439	-0.0642	0.9986	22.0869	3.4905	1.00000
300	3.0210	-0.2409	1.0000	23.5112	3.4987	1.00000
400	3.1470	-0.3659	1.0006	24.5152	3.5071	1.00000
500	3.2449	-0.4629	1.0007	25.3074	3.5154	1.00000
600	3.3251	-0.5421	1.0007	25.9538	3.5232	1.00000
700	3.3930	-0.6090	1.0007	26.5279	3.5310	1.00000
800	3.4552	-0.6670	1.0006	27.0261	3.5656	1.00000
900	3.5098	-0.7181	1.0006	27.4760	3.5940	1.00000
1000	3.5589	-0.7639	1.0002	27.8871	3.6220	1.00000
1100	3.6040	-0.8053	1.0002	28.2640	3.6523	1.00000
1200	3.6453	-0.8430	1.0002	28.6134	3.6825	1.00000
1300	3.6836	-0.8778	1.0002	28.9389	3.7121	1.00000
1400	3.7191	-0.9100	1.0002	29.2437	3.7408	1.00000
1500	3.7522	-0.9399	1.0002	29.5302	3.7682	1.00000
1600	3.7833	-0.9680	1.0001	29.8004	3.7944	1.00000
1700	3.8124	-0.9943	1.0001	30.0560	3.8192	1.00000
1800	3.8399	-1.0191	1.0001	30.2986	3.8428	1.00000
1900	3.8659	-1.0426	1.0001	30.5292	3.8651	1.00000
2000	3.8918	-1.0647	1.0001	30.7617	3.8974	1.00000
2100	3.9153	-1.0859	1.0001	30.9733	3.9180	1.00000
2200	3.9378	-1.1061	1.0001	31.1759	3.9385	1.00000
2300	3.9591	-1.1254	1.0001	31.3701	3.9568	1.00000
2400	3.9795	-1.1439	1.0001	31.5568	3.9744	1.00000
2500	3.9991	-1.1616	1.0001	31.7363	3.9920	1.00000
2600	4.0179	-1.1786	1.0001	31.9092	4.0079	1.00000
2700	4.0359	-1.1950	1.0001	32.0762	4.0228	1.00000
2800	4.0533	-1.2108	1.0001	32.2374	4.0380	1.00000
2900	4.0701	-1.2260	1.0001	32.3933	4.0519	1.00000
3000	4.0862	-1.2408	1.0001	32.5444	4.0650	1.00001
3100	4.1019	-1.2550	1.0001	32.6909	4.0785	1.00002
3200	4.1170	-1.2688	1.0001	32.8332	4.0907	1.00003
3300	4.1316	-1.2822	1.0001	32.9716	4.1031	1.00005
3400	4.1459	-1.2951	1.0002	33.1065	4.1159	1.00009
3500	4.1598	-1.3078	1.0002	33.2384	4.1278	1.00013
3600	4.1734	-1.3200	1.0003	33.3676	4.1408	1.00022
3700	4.1866	-1.3320	1.0004	33.4948	4.1537	1.00034
3800	4.1998	-1.3436	1.0006	33.6204	4.1690	1.00051
3900	4.2128	-1.3550	1.0008	33.7451	4.1851	1.00076
4000	4.2256	-1.3662	1.0012	33.8695	4.2029	1.00111
4100	4.2385	-1.3771	1.0016	33.9949	4.2243	1.00159
4200	4.2515	-1.3878	1.0023	34.1218	4.2490	1.00223
4300	4.2649	-1.3984	1.0031	34.2520	4.2794	1.00307
4400	4.2784	-1.4089	1.0042	34.3861	4.3144	1.00419

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.2924	-1.4193	1.0057	34.5262	4.3575	1.00563
4600	4.3070	-1.4296	1.0075	34.6736	4.4082	1.00747
4700	4.3223	-1.4400	1.0099	34.8302	4.4691	1.00980
4800	4.3385	-1.4504	1.0128	34.9981	4.5422	1.01271
4900	4.3557	-1.4608	1.0164	35.1796	4.6295	1.01631
5000	4.3740	-1.4715	1.0208	35.3770	4.7321	1.02073
5100	4.3933	-1.4824	1.0262	35.5869	4.8496	1.02614
5200	4.4142	-1.4936	1.0327	35.8244	4.9911	1.03263
5300	4.4366	-1.5051	1.0404	36.0868	5.1563	1.04037
5400	4.4606	-1.5170	1.0496	36.3770	5.3479	1.04957
5500	4.4861	-1.5295	1.0605	36.6984	5.5686	1.06043
5600	4.5132	-1.5425	1.0732	37.0542	5.8214	1.07314
5700	4.5419	-1.5561	1.0880	37.4481	6.1092	1.08794
5800	4.5720	-1.5704	1.1051	37.8835	6.4350	1.10503
5900	4.6035	-1.5855	1.1247	38.3636	6.8014	1.12464
6000	4.6361	-1.6013	1.1470	38.8914	7.2110	1.14699
6100	4.6698	-1.6179	1.1722	39.4680	7.6643	1.17219
6200	4.7043	-1.6354	1.2005	40.0959	8.1632	1.20044
6300	4.7392	-1.6535	1.2319	40.7755	8.7075	1.23184
6400	4.7745	-1.6724	1.2664	41.5059	9.2958	1.26638
6500	4.8096	-1.6918	1.3040	42.2844	9.9248	1.30401
6600	4.8444	-1.7117	1.3445	43.1059	10.5894	1.34449
6700	4.8785	-1.7319	1.3875	43.9630	11.2817	1.38748
6800	4.9114	-1.7522	1.4325	44.8460	11.9920	1.43246
6900	4.9429	-1.7724	1.4788	45.7429	12.7086	1.47881
7000	4.9728	-1.7922	1.5258	46.6405	13.4179	1.52575
7100	5.0007	-1.8115	1.5725	47.5247	14.1068	1.57248
7200	5.0265	-1.8300	1.6182	48.3818	14.7617	1.61814
7300	5.0500	-1.8475	1.6620	49.1995	15.3713	1.66196
7400	5.0714	-1.8641	1.7033	49.9680	15.9267	1.70327
7500	5.0905	-1.8796	1.7416	50.6804	16.4220	1.74159
7600	5.1075	-1.8940	1.7766	51.3328	16.8538	1.77659
7700	5.1226	-1.9073	1.8081	51.9244	17.2227	1.80812
7800	5.1359	-1.9196	1.8362	52.4571	17.5310	1.83623
7900	5.1476	-1.9310	1.8610	52.9344	17.7831	1.86104
8000	5.1580	-1.9415	1.8828	53.3609	17.9846	1.88280
8100	5.1672	-1.9513	1.9018	53.7425	18.1416	1.90180
8200	5.1753	-1.9603	1.9183	54.0844	18.2601	1.91833
8300	5.1826	-1.9688	1.9327	54.3925	18.3461	1.93273
8400	5.1892	-1.9769	1.9453	54.6721	18.4054	1.94531
8500	5.1953	-1.9845	1.9563	54.9278	18.4431	1.95634
8600	5.2008	-1.9917	1.9660	55.1639	18.4634	1.96610
8700	5.2060	-1.9986	1.9747	55.3843	18.4701	1.97479
8800	5.2109	-2.0053	1.9825	55.5923	18.4671	1.98265
8900	5.2155	-2.0118	1.9897	55.7906	18.4567	1.98984
9000	5.2200	-2.0181	1.9963	55.9816	18.4416	1.99652
9100	5.2244	-2.0242	2.0026	56.1675	18.4240	2.00281
9200	5.2287	-2.0303	2.0086	56.3501	18.4054	2.00884
9300	5.2330	-2.0362	2.0144	56.5309	18.3871	2.01471
9400	5.2373	-2.0421	2.0201	56.7113	18.3711	2.02051
9500	5.2415	-2.0479	2.0259	56.8925	18.3578	2.02632
9600	5.2459	-2.0537	2.0317	57.0755	18.3486	2.03221
9700	5.2503	-2.0595	2.0377	57.2611	18.3442	2.03825
9800	5.2548	-2.0653	2.0438	57.4504	18.3453	2.04449
9900	5.2593	-2.0710	2.0502	57.6440	18.3527	2.05098

LOG P=-0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.2640	-2.0768	2.0569	57.8427	18.3669	2.05779
10100	5.2689	-2.0826	2.0640	58.0470	18.3884	2.06493
10200	5.2738	-2.0885	2.0714	58.2580	18.4181	2.07251
10300	5.2790	-2.0943	2.0793	58.4753	18.4554	2.08048
10400	5.2842	-2.1003	2.0875	58.7000	18.5017	2.08893
10500	5.2897	-2.1063	2.0963	58.9325	18.5569	2.09788
10600	5.2953	-2.1123	2.1057	59.1734	18.6214	2.10739
10700	5.3011	-2.1184	2.1156	59.4230	18.6958	2.11749
10800	5.3071	-2.1246	2.1261	59.6819	18.7805	2.12820
10900	5.3133	-2.1309	2.1372	59.9502	18.8754	2.13956
11000	5.3197	-2.1372	2.1490	60.2286	18.9809	2.15161
11100	5.3263	-2.1437	2.1615	60.5176	19.0976	2.16438
11200	5.3331	-2.1502	2.1747	60.8172	19.2253	2.17789
11300	5.3401	-2.1569	2.1887	61.1278	19.3645	2.19219
11400	5.3473	-2.1636	2.2035	61.4498	19.5151	2.20729
11500	5.3547	-2.1705	2.2191	61.7836	19.6778	2.22324
11600	5.3623	-2.1774	2.2355	62.1292	19.8522	2.24003
11700	5.3701	-2.1845	2.2528	62.4871	20.0388	2.25773
11800	5.3780	-2.1917	2.2709	62.8570	20.2373	2.27631
11900	5.3862	-2.1990	2.2900	63.2397	20.4483	2.29583
12000	5.3946	-2.2064	2.3100	63.6351	20.6716	2.31632
12100	5.4031	-2.2139	2.3309	64.0430	20.9073	2.33776
12200	5.4118	-2.2215	2.3528	64.4636	21.1550	2.36017
12300	5.4206	-2.2293	2.3756	64.8970	21.4145	2.38357
12400	5.4296	-2.2371	2.3994	65.3427	21.6858	2.40795
12500	5.4387	-2.2451	2.4242	65.8009	21.9687	2.43332
12600	5.4480	-2.2531	2.4499	66.2715	22.2630	2.45969
12700	5.4573	-2.2613	2.4766	66.7539	22.5682	2.48703
12800	5.4667	-2.2695	2.5042	67.2475	22.8836	2.51531
12900	5.4763	-2.2778	2.5328	67.7525	23.2093	2.54455
13000	5.4858	-2.2862	2.5622	68.2678	23.5439	2.57469
13100	5.4954	-2.2946	2.5924	68.7927	23.8870	2.60568
13200	5.5051	-2.3031	2.6235	69.3270	24.2385	2.63753
13300	5.5147	-2.3116	2.6554	69.8696	24.5966	2.67017
13400	5.5244	-2.3201	2.6879	70.4195	24.9609	2.70353
13500	5.5340	-2.3287	2.7212	70.9760	25.3304	2.73756
13600	5.5435	-2.3373	2.7550	71.5381	25.7042	2.77222
13700	5.5530	-2.3458	2.7894	72.1041	26.0804	2.80737
13800	5.5625	-2.3544	2.8242	72.6735	26.4588	2.84298
13900	5.5718	-2.3629	2.8593	73.2442	26.8372	2.87893
14000	5.5811	-2.3713	2.8948	73.8251	27.2243	2.91516
14100	5.5900	-2.3797	2.9304	74.3869	27.5913	2.95159
14200	5.5989	-2.3881	2.9661	74.9562	27.9643	2.98810
14300	5.6076	-2.3963	3.0018	75.5216	28.3321	3.02456
14400	5.6162	-2.4045	3.0374	76.0833	28.6950	3.06096
14500	5.6245	-2.4125	3.0729	76.6390	29.0508	3.09714
14600	5.6327	-2.4204	3.1080	77.1866	29.3978	3.13296
14700	5.6406	-2.4282	3.1428	77.7273	29.7363	3.16844
14800	5.6483	-2.4359	3.1771	78.2579	30.0639	3.20340
14900	5.6558	-2.4434	3.2108	78.7777	30.3801	3.23775
15000	5.6630	-2.4508	3.2439	79.2863	30.6845	3.27145

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5356	0.3427	0.9851	19.4080	3.4327	1.00000
200	2.8436	0.0359	0.9983	21.8507	3.4883	1.00000
300	3.0210	-0.1408	1.0000	23.2698	3.4983	1.00000
400	3.1470	-0.2660	1.0007	24.2693	3.5071	1.00000
500	3.2449	-0.3629	1.0008	25.0659	3.5153	1.00000
600	3.3251	-0.4421	1.0008	25.7045	3.5232	1.00000
700	3.3930	-0.5090	1.0008	26.2613	3.5310	1.00000
800	3.4552	-0.5670	1.0007	26.7959	3.5656	1.00000
900	3.5098	-0.6182	1.0007	27.2457	3.5940	1.00000
1000	3.5590	-0.6639	1.0003	27.6569	3.6220	1.00000
1100	3.6040	-0.7053	1.0003	28.0338	3.6523	1.00000
1200	3.6453	-0.7431	1.0002	28.3831	3.6825	1.00000
1300	3.6836	-0.7778	1.0002	28.7086	3.7122	1.00000
1400	3.7191	-0.8100	1.0002	29.0134	3.7408	1.00000
1500	3.7522	-0.8400	1.0002	29.2999	3.7682	1.00000
1600	3.7833	-0.8680	1.0002	29.5702	3.7944	1.00000
1700	3.8124	-0.8943	1.0002	29.8258	3.8193	1.00000
1800	3.8399	-0.9191	1.0002	30.0683	3.8428	1.00000
1900	3.8659	-0.9426	1.0002	30.2990	3.8651	1.00000
2000	3.8918	-0.9647	1.0002	30.5315	3.8974	1.00000
2100	3.9153	-0.9859	1.0002	30.7431	3.9180	1.00000
2200	3.9378	-1.0061	1.0001	30.9456	3.9385	1.00000
2300	3.9591	-1.0254	1.0001	31.1398	3.9568	1.00000
2400	3.9795	-1.0439	1.0001	31.3266	3.9745	1.00000
2500	3.9991	-1.0616	1.0001	31.5061	3.9920	1.00000
2600	4.0179	-1.0786	1.0001	31.6790	4.0079	1.00000
2700	4.0359	-1.0950	1.0001	31.8459	4.0228	1.00000
2800	4.0533	-1.1108	1.0001	32.0072	4.0381	1.00000
2900	4.0701	-1.1260	1.0001	32.1631	4.0520	1.00000
3000	4.0862	-1.1408	1.0001	32.3141	4.0650	1.00001
3100	4.1019	-1.1550	1.0001	32.4605	4.0784	1.00002
3200	4.1169	-1.1688	1.0001	32.6028	4.0906	1.00003
3300	4.1316	-1.1822	1.0001	32.7412	4.1029	1.00005
3400	4.1459	-1.1952	1.0002	32.8759	4.1156	1.00008
3500	4.1597	-1.2078	1.0002	33.0077	4.1273	1.00012
3600	4.1733	-1.2200	1.0003	33.1365	4.1400	1.00019
3700	4.1865	-1.2320	1.0004	33.2633	4.1525	1.00030
3800	4.1996	-1.2436	1.0005	33.3883	4.1673	1.00046
3900	4.2125	-1.2550	1.0008	33.5121	4.1826	1.00068
4000	4.2253	-1.2661	1.0011	33.6355	4.1994	1.00099
4100	4.2380	-1.2770	1.0015	33.7594	4.2194	1.00141
4200	4.2509	-1.2877	1.0021	33.8844	4.2423	1.00198
4300	4.2639	-1.2983	1.0028	34.0120	4.2703	1.00274
4400	4.2772	-1.3087	1.0038	34.1429	4.3023	1.00374
4500	4.2909	-1.3190	1.0051	34.2787	4.3416	1.00502
4600	4.3050	-1.3293	1.0067	34.4210	4.3875	1.00665
4700	4.3197	-1.3395	1.0088	34.5712	4.4426	1.00873
4800	4.3353	-1.3498	1.0114	34.7313	4.5084	1.01133
4900	4.3517	-1.3601	1.0146	34.9032	4.5870	1.01454
5000	4.3691	-1.3706	1.0185	35.0891	4.6791	1.01848
5100	4.3874	-1.3812	1.0234	35.2853	4.7840	1.02330
5200	4.4072	-1.3921	1.0291	35.5068	4.9107	1.02909
5300	4.4283	-1.4033	1.0360	35.7502	5.0587	1.03599
5400	4.4509	-1.4148	1.0443	36.0183	5.2301	1.04420
5500	4.4750	-1.4268	1.0539	36.3141	5.4277	1.05388

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.5005	-1.4393	1.0653	36.6407	5.6540	1.06523
5700	4.5276	-1.4523	1.0785	37.0012	5.9117	1.07843
5800	4.5561	-1.4660	1.0938	37.3988	6.2035	1.09371
5900	4.5859	-1.4803	1.1113	37.8367	6.5320	1.11125
6000	4.6170	-1.4953	1.1313	38.3179	6.8998	1.13129
6100	4.6491	-1.5111	1.1540	38.8436	7.3077	1.15392
6200	4.6821	-1.5277	1.1794	39.4166	7.7579	1.17938
6300	4.7158	-1.5449	1.2078	40.0381	8.2510	1.20776
6400	4.7500	-1.5629	1.2392	40.7083	8.7867	1.23914
6500	4.7843	-1.5815	1.2736	41.4257	9.3630	1.27352
6600	4.8185	-1.6007	1.3108	42.1875	9.9768	1.31079
6700	4.8523	-1.6203	1.3508	42.9888	10.6228	1.35073
6800	4.8853	-1.6401	1.3930	43.8220	11.2934	1.39300
6900	4.9173	-1.6599	1.4371	44.6781	11.9792	1.43709
7000	4.9478	-1.6797	1.4824	45.5457	12.6691	1.48239
7100	4.9768	-1.6990	1.5282	46.4126	13.3513	1.52819
7200	5.0039	-1.7179	1.5738	47.2658	14.0129	1.57371
7300	5.0289	-1.7360	1.6182	48.0932	14.6425	1.61821
7400	5.0519	-1.7532	1.6610	48.8836	15.2296	1.66095
7500	5.0728	-1.7695	1.7014	49.6280	15.7659	1.70133
7600	5.0916	-1.7847	1.7389	50.3200	16.2457	1.73888
7700	5.1083	-1.7989	1.7733	50.9560	16.6664	1.77328
7800	5.1232	-1.8120	1.8044	51.5347	17.0276	1.80441
7900	5.1365	-1.8242	1.8323	52.0579	17.3319	1.83227
8000	5.1482	-1.8355	1.8570	52.5286	17.5829	1.85698
8100	5.1586	-1.8460	1.8788	52.9512	17.7857	1.87876
8200	5.1678	-1.8557	1.8979	53.3305	17.9456	1.89787
8300	5.1760	-1.8648	1.9146	53.6716	18.0683	1.91458
8400	5.1834	-1.8733	1.9292	53.9800	18.1597	1.92921
8500	5.1901	-1.8813	1.9420	54.2603	18.2248	1.94203
8600	5.1962	-1.8889	1.9533	54.5172	18.2682	1.95333
8700	5.2018	-1.8961	1.9632	54.7545	18.2941	1.96333
8800	5.2071	-1.9030	1.9722	54.9760	18.3064	1.97227
8900	5.2120	-1.9097	1.9802	55.1848	18.3083	1.98035
9000	5.2168	-1.9162	1.9876	55.3836	18.3025	1.98772
9100	5.2213	-1.9224	1.9944	55.5749	18.2915	1.99456
9200	5.2257	-1.9286	2.0007	55.7605	18.2772	2.00100
9300	5.2300	-1.9346	2.0068	55.9424	18.2617	2.00713
9400	5.2343	-1.9405	2.0127	56.1220	18.2462	2.01308
9500	5.2386	-1.9464	2.0185	56.3008	18.2318	2.01894
9600	5.2428	-1.9522	2.0243	56.4799	18.2199	2.02478
9700	5.2471	-1.9579	2.0301	56.6601	18.2115	2.03066
9800	5.2515	-1.9636	2.0361	56.8427	18.2072	2.03666
9900	5.2559	-1.9693	2.0421	57.0281	18.2079	2.04283
10000	5.2604	-1.9750	2.0484	57.2175	18.2141	2.04922
10100	5.2650	-1.9807	2.0550	57.4112	18.2265	2.05589
10200	5.2698	-1.9865	2.0619	57.6105	18.2463	2.06291
10300	5.2746	-1.9922	2.0691	57.8148	18.2725	2.07023
10400	5.2796	-1.9980	2.0767	58.0254	18.3062	2.07796
10500	5.2848	-2.0038	2.0847	58.2425	18.3481	2.08613
10600	5.2901	-2.0097	2.0931	58.4668	18.3980	2.09477
10700	5.2955	-2.0156	2.1021	58.6987	18.4569	2.10392
10800	5.3012	-2.0216	2.1116	58.9387	18.5251	2.11360
10900	5.3070	-2.0277	2.1216	59.1869	18.6023	2.12386
11000	5.3130	-2.0338	2.1322	59.4439	18.6891	2.13472

LOG P=-0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.3192	-2.0400	2.1435	59.7104	18.7859	2.14622
11200	5.3255	-2.0463	2.1554	59.9862	18.8927	2.15839
11300	5.3321	-2.0527	2.1679	60.2717	19.0099	2.17125
11400	5.3388	-2.0592	2.1812	60.5674	19.1378	2.18483
11500	5.3457	-2.0658	2.1952	60.8738	19.2763	2.19918
11600	5.3528	-2.0724	2.2099	61.1907	19.4257	2.21428
11700	5.3601	-2.0792	2.2255	61.5187	19.5863	2.23020
11800	5.3676	-2.0861	2.2418	61.8576	19.7578	2.24693
11900	5.3753	-2.0931	2.2589	62.2082	19.9409	2.26452
12000	5.3831	-2.1001	2.2769	62.5704	20.1354	2.28299
12100	5.3912	-2.1073	2.2958	62.9440	20.3410	2.30232
12200	5.3993	-2.1146	2.3155	63.3294	20.5581	2.32257
12300	5.4077	-2.1220	2.3361	63.7266	20.7867	2.34372
12400	5.4162	-2.1295	2.3576	64.1354	21.0261	2.36579
12500	5.4248	-2.1371	2.3800	64.5561	21.2769	2.38880
12600	5.4336	-2.1448	2.4033	64.9882	21.5384	2.41273
12700	5.4425	-2.1526	2.4276	65.4320	21.8108	2.43760
12800	5.4515	-2.1604	2.4527	65.8867	22.0934	2.46339
12900	5.4606	-2.1684	2.4787	66.3526	22.3862	2.49011
13000	5.4697	-2.1765	2.5056	66.8289	22.6883	2.51771
13100	5.4790	-2.1846	2.5333	67.3151	22.9994	2.54617
13200	5.4883	-2.1927	2.5618	67.8110	23.3191	2.57550
13300	5.4976	-2.2010	2.5912	68.3160	23.6469	2.60566
13400	5.5070	-2.2092	2.6214	68.8295	23.9821	2.63659
13500	5.5164	-2.2175	2.6522	69.3505	24.3236	2.66827
13600	5.5257	-2.2259	2.6838	69.8787	24.6710	2.70065
13700	5.5351	-2.2342	2.7159	70.4124	25.0225	2.73364
13800	5.5443	-2.2426	2.7486	70.9516	25.3785	2.76721
13900	5.5536	-2.2509	2.7818	71.4940	25.7362	2.80125
14000	5.5628	-2.2593	2.8155	72.0482	26.1047	2.83574
14100	5.5718	-2.2676	2.8495	72.5875	26.4571	2.87059
14200	5.5807	-2.2759	2.8838	73.1362	26.8174	2.90571
14300	5.5895	-2.2840	2.9182	73.6838	27.1752	2.94099
14400	5.5982	-2.2922	2.9528	74.2305	27.5314	2.97640
14500	5.6067	-2.3003	2.9874	74.7741	27.8831	3.01180
14600	5.6151	-2.3082	3.0219	75.3130	28.2293	3.04707
14700	5.6232	-2.3161	3.0562	75.8479	28.5701	3.08224
14800	5.6312	-2.3239	3.0904	76.3762	28.9035	3.11713
14900	5.6390	-2.3315	3.1242	76.8967	29.2284	3.15164
15000	5.6466	-2.3390	3.1576	77.4090	29.5442	3.18572

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5337	0.4447	0.9810	19.1706	3.4173	1.00000
200	2.8432	0.1361	0.9978	21.6096	3.4849	1.00000
300	3.0209	-0.0407	1.0000	23.0220	3.4976	1.00000
400	3.1470	-0.1660	1.0008	24.0264	3.5069	1.00000
500	3.2449	-0.2630	1.0009	24.8141	3.5152	1.00000
600	3.3251	-0.3422	1.0009	25.4580	3.5232	1.00000
700	3.3930	-0.4091	1.0009	25.9911	3.5310	1.00000
800	3.4552	-0.4671	1.0008	26.5656	3.5657	1.00000
900	3.5098	-0.5182	1.0008	27.0154	3.5940	1.00000
1000	3.5590	-0.5639	1.0004	27.4266	3.6221	1.00000
1100	3.6040	-0.6053	1.0003	27.8035	3.6524	1.00000

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6453	-0.6431	1.0003	28.1529	3.6826	1.00000
1300	3.6836	-0.6778	1.0003	28.4784	3.7122	1.00000
1400	3.7191	-0.7100	1.0003	28.7832	3.7408	1.00000
1500	3.7522	-0.7400	1.0003	29.0697	3.7683	1.00000
1600	3.7833	-0.7680	1.0002	29.3399	3.7945	1.00000
1700	3.8124	-0.7943	1.0002	29.5955	3.8193	1.00000
1800	3.8399	-0.8191	1.0002	29.8381	3.8429	1.00000
1900	3.8659	-0.8426	1.0002	30.0687	3.8652	1.00000
2000	3.8918	-0.8647	1.0002	30.3012	3.8975	1.00000
2100	3.9153	-0.8859	1.0002	30.5128	3.9181	1.00000
2200	3.9378	-0.9061	1.0002	30.7153	3.9386	1.00000
2300	3.9591	-0.9254	1.0002	30.9096	3.9568	1.00000
2400	3.9795	-0.9439	1.0002	31.0963	3.9745	1.00000
2500	3.9991	-0.9616	1.0002	31.2759	3.9921	1.00000
2600	4.0179	-0.9786	1.0002	31.4488	4.0080	1.00000
2700	4.0359	-0.9950	1.0002	31.6156	4.0229	1.00000
2800	4.0533	-1.0108	1.0001	31.7769	4.0381	1.00000
2900	4.0701	-1.0261	1.0001	31.9328	4.0520	1.00000
3000	4.0862	-1.0408	1.0001	32.0838	4.0650	1.00001
3100	4.1019	-1.0550	1.0001	32.2302	4.0784	1.00001
3200	4.1169	-1.0688	1.0001	32.3724	4.0906	1.00002
3300	4.1316	-1.0822	1.0002	32.5108	4.1028	1.00004
3400	4.1459	-1.0952	1.0002	32.6453	4.1154	1.00007
3500	4.1597	-1.1078	1.0002	32.7769	4.1269	1.00011
3600	4.1732	-1.1200	1.0003	32.9055	4.1394	1.00017
3700	4.1864	-1.1320	1.0004	33.0319	4.1515	1.00027
3800	4.1995	-1.1436	1.0005	33.1564	4.1658	1.00041
3900	4.2123	-1.1550	1.0007	33.2795	4.1805	1.00061
4000	4.2249	-1.1661	1.0010	33.4019	4.1963	1.00088
4100	4.2376	-1.1770	1.0014	33.5245	4.2150	1.00126
4200	4.2502	-1.1877	1.0019	33.6477	4.2363	1.00176
4300	4.2631	-1.1982	1.0025	33.7730	4.2622	1.00244
4400	4.2761	-1.2085	1.0034	33.9010	4.2915	1.00333
4500	4.2894	-1.2188	1.0046	34.0332	4.3274	1.00447
4600	4.3031	-1.2290	1.0060	34.1708	4.3691	1.00593
4700	4.3174	-1.2391	1.0079	34.3153	4.4189	1.00778
4800	4.3324	-1.2492	1.0102	34.4684	4.4783	1.01009
4900	4.3481	-1.2594	1.0130	34.6319	4.5491	1.01296
5000	4.3647	-1.2697	1.0165	34.8076	4.6318	1.01647
5100	4.3820	-1.2801	1.0208	34.9916	4.7256	1.02077
5200	4.4008	-1.2908	1.0260	35.1985	4.8391	1.02592
5300	4.4208	-1.3016	1.0322	35.4250	4.9716	1.03208
5400	4.4421	-1.3128	1.0395	35.6734	5.1252	1.03940
5500	4.4648	-1.3244	1.0481	35.9464	5.3020	1.04803
5600	4.4889	-1.3364	1.0582	36.2468	5.5046	1.05816
5700	4.5144	-1.3489	1.0700	36.5774	5.7352	1.06995
5800	4.5413	-1.3619	1.0837	36.9412	5.9965	1.08359
5900	4.5696	-1.3756	1.0993	37.3411	6.2909	1.09928
6000	4.5991	-1.3899	1.1173	37.7801	6.6208	1.11722
6100	4.6296	-1.4049	1.1376	38.2594	6.9872	1.13752
6200	4.6612	-1.4206	1.1605	38.7821	7.3926	1.16039
6300	4.6936	-1.4370	1.1860	39.3498	7.8382	1.18599
6400	4.7265	-1.4542	1.2145	39.9632	8.3240	1.21439
6500	4.7598	-1.4719	1.2457	40.6222	8.8495	1.24566
6600	4.7933	-1.4903	1.2798	41.3254	9.4128	1.27978

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	4.8265	-1.5092	1.3167	42.0694	10.0104	1.31660
6800	4.8593	-1.5284	1.3560	42.8490	10.6368	1.35592
6900	4.8914	-1.5478	1.3974	43.6575	11.2851	1.39737
7000	4.9223	-1.5672	1.4405	44.4861	11.9463	1.44050
7100	4.9520	-1.5865	1.4848	45.3246	12.6105	1.48472
7200	4.9801	-1.6055	1.5294	46.1615	13.2664	1.52937
7300	5.0064	-1.6239	1.5738	46.9856	13.9028	1.57375
7400	5.0309	-1.6416	1.6172	47.7852	14.5087	1.61714
7500	5.0533	-1.6585	1.6589	48.5499	15.0746	1.65886
7600	5.0737	-1.6744	1.6984	49.2715	15.5929	1.69835
7700	5.0922	-1.6894	1.7352	49.9445	16.0589	1.73518
7800	5.1088	-1.7034	1.7691	50.5652	16.4695	1.76906
7900	5.1236	-1.7165	1.7999	51.1327	16.8249	1.79986
8000	5.1368	-1.7286	1.8276	51.6479	17.1263	1.82755
8100	5.1485	-1.7398	1.8523	52.1134	17.3775	1.85225
8200	5.1589	-1.7502	1.8741	52.5330	17.5824	1.87411
8300	5.1682	-1.7599	1.8934	52.9109	17.7460	1.89339
8400	5.1765	-1.7690	1.9103	53.2520	17.8739	1.91034
8500	5.1840	-1.7775	1.9252	53.5611	17.9707	1.92523
8600	5.1908	-1.7855	1.9383	53.8427	18.0416	1.93833
8700	5.1970	-1.7931	1.9498	54.1009	18.0908	1.94990
8800	5.2027	-1.8004	1.9601	54.3398	18.1227	1.96018
8900	5.2080	-1.8073	1.9693	54.5626	18.1404	1.96938
9000	5.2131	-1.8140	1.9775	54.7724	18.1477	1.97769
9100	5.2178	-1.8204	1.9851	54.9721	18.1467	1.98528
9200	5.2224	-1.8267	1.9921	55.1637	18.1401	1.99232
9300	5.2269	-1.8328	1.9986	55.3493	18.1297	1.99891
9400	5.2312	-1.8388	2.0049	55.5307	18.1174	2.00517
9500	5.2355	-1.8447	2.0109	55.7094	18.1043	2.01122
9600	5.2398	-1.8505	2.0167	55.8867	18.0921	2.01715
9700	5.2440	-1.8563	2.0225	56.0637	18.0817	2.02302
9800	5.2483	-1.8620	2.0283	56.2415	18.0741	2.02891
9900	5.2526	-1.8676	2.0342	56.4210	18.0701	2.03488
10000	5.2570	-1.8733	2.0402	56.6029	18.0704	2.04098
10100	5.2614	-1.8789	2.0464	56.7880	18.0758	2.04728
10200	5.2660	-1.8846	2.0529	56.9778	18.0874	2.05387
10300	5.2706	-1.8902	2.0596	57.1711	18.1041	2.06068
10400	5.2754	-1.8959	2.0666	57.3695	18.1275	2.06781
10500	5.2803	-1.9016	2.0739	57.5734	18.1579	2.07530
10600	5.2853	-1.9073	2.0817	57.7833	18.1954	2.08320
10700	5.2904	-1.9131	2.0898	57.9997	18.2408	2.09153
10800	5.2957	-1.9189	2.0984	58.2231	18.2942	2.10033
10900	5.3012	-1.9248	2.1075	58.4536	18.3559	2.10962
11000	5.3068	-1.9307	2.1171	58.6917	18.4261	2.11944
11100	5.3126	-1.9367	2.1272	58.9381	18.5053	2.12983
11200	5.3186	-1.9428	2.1379	59.1928	18.5937	2.14080
11300	5.3247	-1.9490	2.1492	59.4560	18.6912	2.15238
11400	5.3310	-1.9552	2.1612	59.7283	18.7984	2.16461
11500	5.3375	-1.9615	2.1737	60.0102	18.9156	2.17753
11600	5.3442	-1.9679	2.1870	60.3013	19.0423	2.19112
11700	5.3510	-1.9744	2.2009	60.6025	19.1795	2.20545
11800	5.3580	-1.9810	2.2156	60.9134	19.3266	2.22051
11900	5.3652	-1.9877	2.2310	61.2348	19.4842	2.23634
12000	5.3726	-1.9944	2.2472	61.5669	19.6524	2.25298
12100	5.3801	-2.0013	2.2641	61.9093	19.8309	2.27040

LOG P=-0.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.3878	-2.0083	2.2819	62.2625	20.0203	2.28866
12300	5.3957	-2.0153	2.3005	62.6265	20.2202	2.30775
12400	5.4037	-2.0225	2.3199	63.0012	20.4304	2.32770
12500	5.4119	-2.0297	2.3401	63.3871	20.6513	2.34851
12600	5.4202	-2.0371	2.3612	63.7836	20.8824	2.37019
12700	5.4286	-2.0445	2.3831	64.1912	21.1239	2.39275
12800	5.4371	-2.0521	2.4058	64.6094	21.3754	2.41619
12900	5.4458	-2.0597	2.4295	65.0384	21.6371	2.44051
13000	5.4545	-2.0674	2.4539	65.4773	21.9077	2.46569
13100	5.4634	-2.0752	2.4792	65.9261	22.1876	2.49172
13200	5.4723	-2.0830	2.5053	66.3848	22.4765	2.51860
13300	5.4813	-2.0910	2.5323	66.8530	22.7737	2.54631
13400	5.4903	-2.0989	2.5600	67.3297	23.0787	2.57481
13500	5.4994	-2.1070	2.5884	67.8148	23.3911	2.60408
13600	5.5085	-2.1150	2.6176	68.3078	23.7103	2.63409
13700	5.5176	-2.1231	2.6474	68.8075	24.0350	2.66478
13800	5.5267	-2.1313	2.6779	69.3138	24.3652	2.69613
13900	5.5357	-2.1394	2.7089	69.8250	24.6995	2.72805
14000	5.5449	-2.1476	2.7405	70.3488	25.0451	2.76052
14100	5.5537	-2.1557	2.7726	70.8613	25.3783	2.79348
14200	5.5626	-2.1638	2.8051	71.3843	25.7206	2.82686
14300	5.5714	-2.1719	2.8379	71.9087	26.0632	2.86054
14400	5.5801	-2.1800	2.8710	72.4347	26.4065	2.89454
14500	5.5887	-2.1880	2.9043	72.9599	26.7479	2.92870
14600	5.5971	-2.1960	2.9376	73.4836	27.0867	2.96295
14700	5.6054	-2.2038	2.9711	74.0058	27.4229	2.99728
14800	5.6136	-2.2116	3.0046	74.5247	27.7546	3.03156
14900	5.6216	-2.2194	3.0379	75.0385	28.0804	3.06569
15000	5.6294	-2.2270	3.0710	75.5471	28.4000	3.09959

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5317	0.5472	0.9754	18.9312	3.4014	1.00000
200	2.8429	0.2364	0.9973	21.3718	3.4819	1.00000
300	3.0208	0.0593	1.0000	22.7830	3.4967	1.00000
400	3.1470	-0.0660	1.0008	23.7914	3.5067	1.00000
500	3.2449	-0.1630	1.0010	24.5700	3.5151	1.00000
600	3.3251	-0.2422	1.0011	25.2170	3.5232	1.00000
700	3.3930	-0.3092	1.0010	25.7526	3.5310	1.00000
800	3.4552	-0.3672	1.0010	26.3352	3.5657	1.00000
900	3.5098	-0.4183	1.0009	26.7850	3.5941	1.00000
1000	3.5590	-0.4640	1.0004	27.1963	3.6222	1.00000
1100	3.6040	-0.5054	1.0004	27.5733	3.6525	1.00000
1200	3.6453	-0.5431	1.0004	27.9226	3.6827	1.00000
1300	3.6836	-0.5779	1.0004	28.2481	3.7123	1.00000
1400	3.7191	-0.6101	1.0003	28.5529	3.7409	1.00000
1500	3.7522	-0.6400	1.0003	28.8394	3.7683	1.00000
1600	3.7833	-0.6680	1.0003	29.1096	3.7945	1.00000
1700	3.8124	-0.6944	1.0003	29.3653	3.8194	1.00000
1800	3.8399	-0.7192	1.0003	29.6078	3.8429	1.00000
1900	3.8659	-0.7426	1.0003	29.8384	3.8652	1.00000
2000	3.8918	-0.7647	1.0002	30.0709	3.8975	1.00000
2100	3.9153	-0.7859	1.0002	30.2825	3.9181	1.00000
2200	3.9378	-0.8061	1.0002	30.4851	3.9386	1.00000

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-0.8254	1.0002	30.6793	3.9569	1.00000
2400	3.9795	-0.8439	1.0002	30.8660	3.9745	1.00000
2500	3.9991	-0.8616	1.0002	31.0456	3.9921	1.00000
2600	4.0179	-0.8787	1.0002	31.2186	4.0080	1.00000
2700	4.0359	-0.8951	1.0002	31.3854	4.0229	1.00000
2800	4.0533	-0.9108	1.0002	31.5466	4.0381	1.00000
2900	4.0701	-0.9261	1.0002	31.7025	4.0520	1.00000
3000	4.0862	-0.9408	1.0002	31.8536	4.0650	1.00001
3100	4.1019	-0.9550	1.0002	31.9999	4.0784	1.00001
3200	4.1169	-0.9688	1.0002	32.1420	4.0905	1.00002
3300	4.1316	-0.9822	1.0002	32.2803	4.1027	1.00004
3400	4.1459	-0.9952	1.0002	32.4148	4.1152	1.00006
3500	4.1596	-1.0078	1.0002	32.5462	4.1265	1.00010
3600	4.1732	-1.0200	1.0003	32.6746	4.1388	1.00015
3700	4.1863	-1.0320	1.0004	32.8007	4.1506	1.00024
3800	4.1993	-1.0436	1.0005	32.9247	4.1644	1.00037
3900	4.2121	-1.0550	1.0007	33.0471	4.1785	1.00054
4000	4.2246	-1.0661	1.0009	33.1687	4.1935	1.00079
4100	4.2372	-1.0769	1.0012	33.2900	4.2112	1.00112
4200	4.2497	-1.0876	1.0017	33.4117	4.2310	1.00157
4300	4.2624	-1.0981	1.0023	33.5350	4.2550	1.00218
4400	4.2751	-1.1084	1.0031	33.6604	4.2819	1.00297
4500	4.2882	-1.1186	1.0041	33.7893	4.3148	1.00399
4600	4.3015	-1.1287	1.0054	33.9228	4.3526	1.00529
4700	4.3153	-1.1388	1.0070	34.0622	4.3977	1.00694
4800	4.3298	-1.1488	1.0091	34.2091	4.4515	1.00900
4900	4.3449	-1.1588	1.0117	34.3650	4.5153	1.01155
5000	4.3608	-1.1689	1.0148	34.5317	4.5897	1.01468
5100	4.3772	-1.1792	1.0186	34.7047	4.6734	1.01851
5200	4.3950	-1.1896	1.0232	34.8988	4.7752	1.02310
5300	4.4139	-1.2002	1.0287	35.1102	4.8941	1.02859
5400	4.4341	-1.2110	1.0352	35.3410	5.0316	1.03512
5500	4.4555	-1.2222	1.0429	35.5937	5.1900	1.04282
5600	4.4783	-1.2338	1.0519	35.8705	5.3712	1.05185
5700	4.5023	-1.2458	1.0625	36.1744	5.5777	1.06237
5800	4.5277	-1.2583	1.0746	36.5078	5.8116	1.07455
5900	4.5544	-1.2713	1.0886	36.8736	6.0753	1.08857
6000	4.5824	-1.2850	1.1047	37.2743	6.3710	1.10461
6100	4.6114	-1.2993	1.1229	37.7117	6.6998	1.12280
6200	4.6415	-1.3142	1.1434	38.1884	7.0643	1.14332
6300	4.6724	-1.3298	1.1664	38.7066	7.4657	1.16634
6400	4.7041	-1.3461	1.1920	39.2672	7.9050	1.19197
6500	4.7363	-1.3630	1.2204	39.8708	8.3820	1.22029
6600	4.7687	-1.3806	1.2514	40.5173	8.8962	1.25135
6700	4.8013	-1.3986	1.2852	41.2044	9.4452	1.28508
6800	4.8336	-1.4172	1.3214	41.9292	10.0254	1.32137
6900	4.8655	-1.4360	1.3601	42.6869	10.6320	1.35999
7000	4.8966	-1.4550	1.4007	43.4707	11.2578	1.40061
7100	4.9266	-1.4741	1.4428	44.2724	11.8950	1.44276
7200	4.9554	-1.4929	1.4860	45.0824	12.5338	1.48590
7300	4.9827	-1.5115	1.5295	45.8906	13.1646	1.52943
7400	5.0084	-1.5295	1.5727	46.6865	13.7770	1.57268
7500	5.0322	-1.5468	1.6151	47.4593	14.3608	1.61500
7600	5.0542	-1.5634	1.6558	48.1999	14.9074	1.65576
7700	5.0743	-1.5791	1.6945	48.9009	15.4102	1.69446

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	5.0925	-1.5939	1.7307	49.5567	15.8641	1.73067
7900	5.1089	-1.6078	1.7641	50.1639	16.2664	1.76411
8000	5.1236	-1.6207	1.7947	50.7210	16.6164	1.79462
8100	5.1368	-1.6327	1.8222	51.2288	16.9159	1.82218
8200	5.1485	-1.6439	1.8469	51.6896	17.1674	1.84688
8300	5.1590	-1.6543	1.8689	52.1066	17.3750	1.86886
8400	5.1684	-1.6640	1.8883	52.4837	17.5431	1.88835
8500	5.1768	-1.6730	1.9055	52.8253	17.6761	1.90556
8600	5.1844	-1.6816	1.9207	53.1355	17.7789	1.92074
8700	5.1913	-1.6896	1.9341	53.4187	17.8560	1.93416
8800	5.1976	-1.6972	1.9460	53.6789	17.9117	1.94605
8900	5.2034	-1.7045	1.9565	53.9195	17.9496	1.95664
9000	5.2089	-1.7114	1.9660	54.1439	17.9735	1.96613
9100	5.2140	-1.7181	1.9745	54.3553	17.9860	1.97470
9200	5.2188	-1.7246	1.9823	54.5559	17.9901	1.98253
9300	5.2235	-1.7308	1.9895	54.7480	17.9877	1.98976
9400	5.2279	-1.7369	1.9962	54.9338	17.9811	1.99653
9500	5.2323	-1.7429	2.0026	55.1150	17.9720	2.00294
9600	5.2366	-1.7488	2.0087	55.2928	17.9617	2.00910
9700	5.2409	-1.7546	2.0147	55.4689	17.9516	2.01511
9800	5.2451	-1.7603	2.0205	55.6441	17.9429	2.02103
9900	5.2494	-1.7659	2.0263	55.8196	17.9362	2.02693
10000	5.2536	-1.7716	2.0322	55.9962	17.9324	2.03288
10100	5.2580	-1.7772	2.0381	56.1747	17.9326	2.03893
10200	5.2624	-1.7827	2.0443	56.3569	17.9380	2.04521
10300	5.2668	-1.7883	2.0506	56.5412	17.9473	2.05163
10400	5.2714	-1.7939	2.0571	56.7294	17.9621	2.05828
10500	5.2760	-1.7995	2.0639	56.9222	17.9827	2.06523
10600	5.2808	-1.8051	2.0711	57.1197	18.0099	2.07251
10700	5.2857	-1.8107	2.0785	57.3227	18.0436	2.08014
10800	5.2907	-1.8164	2.0864	57.5316	18.0845	2.08818
10900	5.2959	-1.8221	2.0946	57.7467	18.1325	2.09663
11000	5.3012	-1.8279	2.1033	57.9682	18.1884	2.10555
11100	5.3066	-1.8337	2.1125	58.1969	18.2522	2.11496
11200	5.3122	-1.8396	2.1222	58.4329	18.3242	2.12488
11300	5.3180	-1.8455	2.1324	58.6763	18.4042	2.13535
11400	5.3239	-1.8515	2.1431	58.9277	18.4933	2.14637
11500	5.3300	-1.8576	2.1544	59.1876	18.5913	2.15801
11600	5.3363	-1.8638	2.1663	59.4557	18.6979	2.17026
11700	5.3427	-1.8700	2.1789	59.7327	18.8139	2.18316
11800	5.3492	-1.8763	2.1920	60.0186	18.9392	2.19672
11900	5.3560	-1.8827	2.2059	60.3137	19.0740	2.21098
12000	5.3629	-1.8892	2.2204	60.6184	19.2184	2.22596
12100	5.3700	-1.8958	2.2357	60.9326	19.3725	2.24165
12200	5.3772	-1.9025	2.2517	61.2565	19.5363	2.25811
12300	5.3846	-1.9092	2.2684	61.5903	19.7099	2.27533
12400	5.3921	-1.9161	2.2858	61.9339	19.8933	2.29332
12500	5.3998	-1.9230	2.3040	62.2878	20.0865	2.31212
12600	5.4076	-1.9300	2.3231	62.6515	20.2895	2.33172
12700	5.4156	-1.9371	2.3428	63.0256	20.5023	2.35215
12800	5.4237	-1.9444	2.3634	63.4097	20.7245	2.37338
12900	5.4319	-1.9517	2.3848	63.8039	20.9566	2.39546
13000	5.4402	-1.9590	2.4070	64.2076	21.1977	2.41835
13100	5.4487	-1.9665	2.4300	64.6209	21.4476	2.44205
13200	5.4572	-1.9740	2.4538	65.0438	21.7061	2.46657

LOG P= 0.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.4658	-1.9816	2.4783	65.4761	21.9737	2.49191
13400	5.4744	-1.9893	2.5036	65.9171	22.2489	2.51802
13500	5.4831	-1.9970	2.5297	66.3668	22.5322	2.54492
13600	5.4919	-2.0048	2.5565	66.8247	22.8229	2.57257
13700	5.5007	-2.0126	2.5840	67.2900	23.1200	2.60094
13800	5.5095	-2.0205	2.6122	67.7626	23.4233	2.63000
13900	5.5183	-2.0284	2.6410	68.2415	23.7319	2.65970
14000	5.5273	-2.0363	2.6704	68.7331	24.0523	2.69002
14100	5.5360	-2.0442	2.7003	69.2164	24.3631	2.72091
14200	5.5447	-2.0522	2.7308	69.7109	24.6844	2.75233
14300	5.5534	-2.0601	2.7617	70.2086	25.0078	2.78417
14400	5.5621	-2.0680	2.7931	70.7098	25.3331	2.81644
14500	5.5706	-2.0759	2.8247	71.2124	25.6593	2.84904
14600	5.5791	-2.0838	2.8566	71.7155	25.9851	2.88188
14700	5.5874	-2.0916	2.8888	72.2194	26.3104	2.91496
14800	5.5957	-2.0994	2.9211	72.7224	26.6338	2.94816
14900	5.6038	-2.1071	2.9534	73.2230	26.9539	2.98138
15000	5.6118	-2.1147	2.9857	73.7208	27.2706	3.01459

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5296	0.6500	0.9691	18.6912	3.3852	1.00000
200	2.8426	0.3367	0.9968	21.1401	3.4796	1.00000
300	3.0207	0.1593	0.9999	22.5526	3.4957	1.00000
400	3.1469	0.0339	1.0010	23.5592	3.5064	1.00000
500	3.2449	-0.0631	1.0012	24.3395	3.5149	1.00000
600	3.3251	-0.1423	1.0012	24.9821	3.5231	1.00000
700	3.3930	-0.2092	1.0012	25.5265	3.5310	1.00000
800	3.4552	-0.2673	1.0011	26.1048	3.5658	1.00000
900	3.5098	-0.3184	1.0011	26.5547	3.5942	1.00000
1000	3.5590	-0.3640	1.0006	26.9660	3.6223	1.00000
1100	3.6040	-0.4054	1.0005	27.3430	3.6526	1.00000
1200	3.6454	-0.4432	1.0005	27.6923	3.6828	1.00000
1300	3.6836	-0.4779	1.0004	28.0179	3.7124	1.00000
1400	3.7191	-0.5101	1.0004	28.3226	3.7410	1.00000
1500	3.7523	-0.5400	1.0004	28.6091	3.7684	1.00000
1600	3.7833	-0.5681	1.0004	28.8793	3.7946	1.00000
1700	3.8124	-0.5944	1.0004	29.1350	3.8194	1.00000
1800	3.8399	-0.6192	1.0003	29.3775	3.8430	1.00000
1900	3.8659	-0.6427	1.0003	29.6082	3.8653	1.00000
2000	3.8918	-0.6648	1.0003	29.8407	3.8976	1.00000
2100	3.9153	-0.6860	1.0003	30.0523	3.9182	1.00000
2200	3.9378	-0.7061	1.0003	30.2548	3.9387	1.00000
2300	3.9591	-0.7255	1.0003	30.4491	3.9569	1.00000
2400	3.9795	-0.7439	1.0003	30.6357	3.9745	1.00000
2500	3.9991	-0.7617	1.0003	30.8153	3.9921	1.00000
2600	4.0179	-0.7787	1.0002	30.9883	4.0080	1.00000
2700	4.0359	-0.7951	1.0002	31.1551	4.0229	1.00000
2800	4.0533	-0.8109	1.0002	31.3164	4.0382	1.00000
2900	4.0701	-0.8261	1.0002	31.4723	4.0520	1.00000
3000	4.0862	-0.8408	1.0002	31.6233	4.0650	1.00001
3100	4.1019	-0.8551	1.0002	31.7696	4.0784	1.00001
3200	4.1169	-0.8688	1.0002	31.9117	4.0905	1.00002
3300	4.1316	-0.8822	1.0002	32.0499	4.1026	1.00003

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1459	-0.8952	1.0002	32.1844	4.1150	1.00005
3500	4.1596	-0.9078	1.0003	32.3156	4.1262	1.00009
3600	4.1731	-0.9200	1.0003	32.4438	4.1383	1.00014
3700	4.1862	-0.9320	1.0004	32.5695	4.1498	1.00021
3800	4.1992	-0.9436	1.0005	32.6932	4.1632	1.00033
3900	4.2119	-0.9549	1.0006	32.8150	4.1768	1.00048
4000	4.2244	-0.9660	1.0009	32.9358	4.1911	1.00070
4100	4.2368	-0.9769	1.0011	33.0560	4.2077	1.00100
4200	4.2492	-0.9875	1.0016	33.1764	4.2263	1.00140
4300	4.2617	-0.9980	1.0021	33.2978	4.2486	1.00194
4400	4.2742	-1.0083	1.0028	33.4209	4.2733	1.00264
4500	4.2870	-1.0184	1.0037	33.5469	4.3035	1.00355
4600	4.3000	-1.0285	1.0048	33.6767	4.3380	1.00471
4700	4.3135	-1.0384	1.0063	33.8116	4.3790	1.00618
4800	4.3274	-1.0484	1.0081	33.9530	4.4276	1.00802
4900	4.3420	-1.0583	1.0104	34.1021	4.4852	1.01029
5000	4.3572	-1.0683	1.0132	34.2607	4.5522	1.01308
5100	4.3729	-1.0783	1.0166	34.4239	4.6270	1.01650
5200	4.3898	-1.0885	1.0207	34.6066	4.7184	1.02059
5300	4.4078	-1.0989	1.0256	34.8045	4.8249	1.02549
5400	4.4268	-1.1094	1.0314	35.0196	4.9482	1.03130
5500	4.4471	-1.1203	1.0383	35.2541	5.0900	1.03817
5600	4.4685	-1.1315	1.0463	35.5100	5.2523	1.04622
5700	4.4912	-1.1430	1.0557	35.7899	5.4371	1.05561
5800	4.5152	-1.1550	1.0666	36.0963	5.6465	1.06648
5900	4.5404	-1.1675	1.0791	36.4314	5.8825	1.07901
6000	4.5668	-1.1805	1.0934	36.7978	6.1474	1.09334
6100	4.5944	-1.1941	1.1097	37.1972	6.4422	1.10961
6200	4.6229	-1.2083	1.1281	37.6322	6.7695	1.12801
6300	4.6525	-1.2232	1.1488	38.1050	7.1306	1.14867
6400	4.6828	-1.2387	1.1718	38.6169	7.5268	1.17174
6500	4.7137	-1.2548	1.1974	39.1689	7.9584	1.19732
6600	4.7452	-1.2715	1.2256	39.7617	8.4258	1.22547
6700	4.7768	-1.2888	1.2563	40.3941	8.9274	1.25622
6800	4.8084	-1.3066	1.2896	41.0643	9.4610	1.28949
6900	4.8399	-1.3248	1.3253	41.7692	10.0233	1.32517
7000	4.8708	-1.3432	1.3631	42.5040	10.6094	1.36302
7100	4.9010	-1.3619	1.4028	43.2624	11.2128	1.40272
7200	4.9302	-1.3805	1.4439	44.0370	11.8260	1.44384
7300	4.9582	-1.3989	1.4860	44.8191	12.4407	1.48589
7400	4.9848	-1.4171	1.5284	45.5999	13.0478	1.52833
7500	5.0098	-1.4347	1.5706	46.3687	13.6371	1.57050
7600	5.0331	-1.4517	1.6119	47.1164	14.2001	1.61179
7700	5.0547	-1.4680	1.6517	47.8344	14.7287	1.65165
7800	5.0744	-1.4835	1.6897	48.5158	15.2167	1.68958
7900	5.0924	-1.4981	1.7253	49.1554	15.6596	1.72522
8000	5.1087	-1.5118	1.7583	49.7498	16.0543	1.75825
8100	5.1233	-1.5246	1.7886	50.2977	16.4005	1.78853
8200	5.1365	-1.5366	1.8161	50.7994	16.6991	1.81605
8300	5.1483	-1.5477	1.8408	51.2566	16.9521	1.84081
8400	5.1589	-1.5581	1.8630	51.6719	17.1631	1.86298
8500	5.1684	-1.5678	1.8827	52.0489	17.3358	1.88271
8600	5.1769	-1.5769	1.9002	52.3913	17.4745	1.90022
8700	5.1846	-1.5855	1.9157	52.7033	17.5836	1.91574
8800	5.1917	-1.5935	1.9295	52.9885	17.6673	1.92951

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.1981	-1.6012	1.9417	53.2507	17.7294	1.94174
9000	5.2040	-1.6084	1.9526	53.4933	17.7739	1.95266
9100	5.2096	-1.6154	1.9623	53.7198	17.8036	1.96245
9200	5.2147	-1.6221	1.9711	53.9327	17.8219	1.97132
9300	5.2197	-1.6286	1.9792	54.1346	17.8311	1.97940
9400	5.2244	-1.6348	1.9866	54.3277	17.8335	1.98687
9500	5.2289	-1.6410	1.9935	54.5139	17.8310	1.99383
9600	5.2333	-1.6469	2.0001	54.6949	17.8253	2.00041
9700	5.2376	-1.6528	2.0063	54.8724	17.8181	2.00671
9800	5.2419	-1.6585	2.0123	55.0473	17.8104	2.01281
9900	5.2461	-1.6642	2.0182	55.2209	17.8032	2.01879
10000	5.2504	-1.6698	2.0241	55.3943	17.7977	2.02472
10100	5.2546	-1.6754	2.0299	55.5682	17.7946	2.03066
10200	5.2589	-1.6810	2.0359	55.7448	17.7958	2.03677
10300	5.2632	-1.6865	2.0420	55.9220	17.7995	2.04291
10400	5.2676	-1.6920	2.0481	56.1021	17.8076	2.04921
10500	5.2721	-1.6975	2.0545	56.2856	17.8206	2.05573
10600	5.2767	-1.7030	2.0611	56.4729	17.8389	2.06251
10700	5.2813	-1.7085	2.0681	56.6644	17.8628	2.06957
10800	5.2861	-1.7141	2.0753	56.8609	17.8929	2.07697
10900	5.2910	-1.7197	2.0828	57.0625	17.9294	2.08471
11000	5.2960	-1.7253	2.0908	57.2696	17.9727	2.09285
11100	5.3012	-1.7310	2.0991	57.4828	18.0230	2.10142
11200	5.3064	-1.7367	2.1079	57.7023	18.0806	2.11042
11300	5.3118	-1.7424	2.1171	57.9283	18.1455	2.11990
11400	5.3174	-1.7482	2.1268	58.1612	18.2182	2.12987
11500	5.3231	-1.7541	2.1370	58.4016	18.2990	2.14038
11600	5.3290	-1.7600	2.1477	58.6492	18.3878	2.15143
11700	5.3350	-1.7660	2.1590	58.9047	18.4851	2.16307
11800	5.3412	-1.7721	2.1709	59.1680	18.5906	2.17529
11900	5.3475	-1.7783	2.1833	59.4396	18.7049	2.18814
12000	5.3540	-1.7845	2.1964	59.7198	18.8281	2.20164
12100	5.3606	-1.7908	2.2101	60.0085	18.9600	2.21577
12200	5.3674	-1.7972	2.2244	60.3060	19.1008	2.23061
12300	5.3744	-1.8037	2.2395	60.6124	19.2506	2.24613
12400	5.3814	-1.8102	2.2552	60.9277	19.4095	2.26235
12500	5.3887	-1.8168	2.2716	61.2524	19.5776	2.27931
12600	5.3960	-1.8236	2.2887	61.5861	19.7548	2.29701
12700	5.4036	-1.8304	2.3066	61.9294	19.9412	2.31547
12800	5.4112	-1.8373	2.3251	62.2819	20.1365	2.33467
12900	5.4190	-1.8442	2.3445	62.6438	20.3410	2.35467
13000	5.4268	-1.8513	2.3645	63.0148	20.5542	2.37543
13100	5.4348	-1.8584	2.3853	63.3950	20.7760	2.39695
13200	5.4429	-1.8656	2.4069	63.7842	21.0064	2.41925
13300	5.4511	-1.8729	2.4292	64.1826	21.2453	2.44234
13400	5.4594	-1.8803	2.4522	64.5895	21.4922	2.46618
13500	5.4677	-1.8877	2.4760	65.0050	21.7468	2.49078
13600	5.4761	-1.8952	2.5005	65.4289	22.0093	2.51614
13700	5.4846	-1.9027	2.5257	65.8603	22.2785	2.54220
13800	5.4931	-1.9103	2.5516	66.2993	22.5544	2.56898
13900	5.5016	-1.9179	2.5781	66.7452	22.8363	2.59642
14000	5.5103	-1.9256	2.6053	67.2038	23.1302	2.62451
14100	5.5188	-1.9333	2.6331	67.6562	23.4169	2.65323
14200	5.5273	-1.9410	2.6614	68.1202	23.7144	2.68252
14300	5.5358	-1.9487	2.6903	68.5888	24.0155	2.71234

LOG P= 0.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.5443	-1.9565	2.7196	69.0621	24.3203	2.74267
14500	5.5528	-1.9642	2.7494	69.5384	24.6273	2.77343
14600	5.5612	-1.9719	2.7795	70.0170	24.9357	2.80454
14700	5.5695	-1.9796	2.8100	70.4981	25.2454	2.83603
14800	5.5778	-1.9873	2.8408	70.9804	25.5557	2.86779
14900	5.5859	-1.9949	2.8718	71.4626	25.8646	2.89972
15000	5.5939	-2.0025	2.9029	71.9442	26.1723	2.93181

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5273	0.7533	0.9618	18.4498	3.3671	1.00000
200	2.8422	0.4371	0.9960	20.9090	3.4768	1.00000
300	3.0205	0.2593	0.9999	22.3221	3.4944	1.00000
400	3.1469	0.1339	1.0011	23.3282	3.5059	1.00000
500	3.2449	0.0369	1.0013	24.1109	3.5149	1.00000
600	3.3251	-0.0423	1.0012	24.7518	3.5230	1.00000
700	3.3930	-0.1092	1.0012	25.2971	3.5309	1.00000
800	3.4552	-0.1673	1.0012	25.8744	3.5658	1.00000
900	3.5099	-0.2185	1.0013	26.3243	3.5943	1.00000
1000	3.5590	-0.2641	1.0007	26.7358	3.6224	1.00000
1100	3.6040	-0.3055	1.0007	27.1127	3.6527	1.00000
1200	3.6454	-0.3432	1.0006	27.4620	3.6829	1.00000
1300	3.6836	-0.3780	1.0006	27.7876	3.7125	1.00000
1400	3.7191	-0.4101	1.0005	28.0924	3.7411	1.00000
1500	3.7523	-0.4401	1.0005	28.3789	3.7685	1.00000
1600	3.7833	-0.4681	1.0005	28.6491	3.7947	1.00000
1700	3.8125	-0.4944	1.0004	28.9047	3.8195	1.00000
1800	3.8400	-0.5192	1.0004	29.1473	3.8431	1.00000
1900	3.8659	-0.5427	1.0004	29.3779	3.8653	1.00000
2000	3.8918	-0.5648	1.0004	29.6104	3.8977	1.00000
2100	3.9153	-0.5860	1.0004	29.8220	3.9182	1.00000
2200	3.9378	-0.6062	1.0004	30.0245	3.9388	1.00000
2300	3.9591	-0.6255	1.0003	30.2189	3.9570	1.00000
2400	3.9795	-0.6440	1.0003	30.4054	3.9746	1.00000
2500	3.9992	-0.6617	1.0003	30.5851	3.9922	1.00000
2600	4.0179	-0.6787	1.0003	30.7580	4.0081	1.00000
2700	4.0359	-0.6951	1.0003	30.9249	4.0230	1.00000
2800	4.0533	-0.7109	1.0003	31.0861	4.0382	1.00000
2900	4.0701	-0.7261	1.0003	31.2420	4.0521	1.00000
3000	4.0862	-0.7408	1.0003	31.3930	4.0650	1.00001
3100	4.1019	-0.7551	1.0003	31.5393	4.0784	1.00001
3200	4.1169	-0.7689	1.0003	31.6814	4.0904	1.00002
3300	4.1316	-0.7822	1.0003	31.8195	4.1025	1.00003
3400	4.1458	-0.7952	1.0003	31.9539	4.1148	1.00005
3500	4.1596	-0.8078	1.0003	32.0851	4.1259	1.00008
3600	4.1731	-0.8201	1.0003	32.2131	4.1378	1.00012
3700	4.1862	-0.8320	1.0004	32.3385	4.1492	1.00019
3800	4.1991	-0.8436	1.0005	32.4617	4.1622	1.00029
3900	4.2117	-0.8549	1.0006	32.5831	4.1753	1.00043
4000	4.2242	-0.8660	1.0008	32.7031	4.1889	1.00062
4100	4.2365	-0.8769	1.0011	32.8224	4.2047	1.00089
4200	4.2488	-0.8875	1.0014	32.9416	4.2221	1.00125
4300	4.2611	-0.8979	1.0019	33.0613	4.2429	1.00173
4400	4.2734	-0.9082	1.0025	33.1824	4.2657	1.00235

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4500	4.2860	-0.9183	1.0033	33.3058	4.2935	1.00316
4600	4.2987	-0.9283	1.0044	33.4324	4.3250	1.00420
4700	4.3118	-0.9382	1.0057	33.5632	4.3622	1.00551
4800	4.3253	-0.9480	1.0073	33.6997	4.4063	1.00715
4900	4.3394	-0.9578	1.0093	33.8428	4.4584	1.00917
5000	4.3540	-0.9677	1.0118	33.9941	4.5188	1.01166
5100	4.3690	-0.9776	1.0149	34.1486	4.5856	1.01471
5200	4.3851	-0.9876	1.0185	34.3211	4.6676	1.01836
5300	4.4022	-0.9977	1.0229	34.5071	4.7632	1.02272
5400	4.4203	-1.0080	1.0280	34.7082	4.8738	1.02790
5500	4.4394	-1.0186	1.0342	34.9264	5.0009	1.03402
5600	4.4597	-1.0294	1.0413	35.1637	5.1463	1.04120
5700	4.4811	-1.0406	1.0497	35.4222	5.3117	1.04958
5800	4.5037	-1.0521	1.0594	35.7041	5.4992	1.05928
5900	4.5275	-1.0641	1.0706	36.0118	5.7105	1.07046
6000	4.5525	-1.0765	1.0834	36.3474	5.9477	1.08326
6100	4.5786	-1.0895	1.0979	36.7126	6.2119	1.09781
6200	4.6057	-1.1030	1.1144	37.1099	6.5054	1.11427
6300	4.6337	-1.1171	1.1329	37.5414	6.8298	1.13280
6400	4.6627	-1.1319	1.1536	38.0086	7.1862	1.15353
6500	4.6923	-1.1472	1.1767	38.5130	7.5758	1.17656
6600	4.7226	-1.1631	1.2021	39.0554	7.9990	1.20199
6700	4.7532	-1.1796	1.2300	39.6356	8.4551	1.22988
6800	4.7840	-1.1966	1.2603	40.2527	8.9430	1.26022
6900	4.8148	-1.2141	1.2931	40.9051	9.4608	1.29296
7000	4.8453	-1.2319	1.3281	41.5894	10.0047	1.32796
7100	4.8753	-1.2500	1.3651	42.3011	10.5701	1.36500
7200	4.9047	-1.2683	1.4039	43.0346	11.1513	1.40377
7300	4.9330	-1.2865	1.4440	43.7829	11.7414	1.44388
7400	4.9603	-1.3045	1.4850	44.5382	12.3325	1.48486
7500	4.9862	-1.3223	1.5263	45.2917	12.9164	1.52619
7600	5.0106	-1.3396	1.5674	46.0346	13.4842	1.56728
7700	5.0335	-1.3563	1.6077	46.7582	14.0278	1.60759
7800	5.0547	-1.3723	1.6467	47.4549	14.5401	1.64660
7900	5.0742	-1.3876	1.6839	48.1183	15.0150	1.68386
8000	5.0920	-1.4020	1.7190	48.7430	15.4479	1.71896
8100	5.1081	-1.4156	1.7517	49.3258	15.8363	1.75164
8200	5.1228	-1.4283	1.7818	49.8652	16.1792	1.78174
8300	5.1360	-1.4402	1.8093	50.3611	16.4769	1.80921
8400	5.1478	-1.4513	1.8341	50.8148	16.7318	1.83407
8500	5.1585	-1.4617	1.8565	51.2289	16.9464	1.85643
8600	5.1681	-1.4714	1.8764	51.6059	17.1242	1.87643
8700	5.1768	-1.4806	1.8943	51.9496	17.2690	1.89428
8800	5.1847	-1.4892	1.9101	52.2635	17.3848	1.91016
8900	5.1918	-1.4973	1.9243	52.5511	17.4753	1.92430
9000	5.1984	-1.5049	1.9368	52.8158	17.5444	1.93691
9100	5.2044	-1.5123	1.9481	53.0611	17.5954	1.94819
9200	5.2101	-1.5192	1.9582	53.2898	17.6316	1.95833
9300	5.2154	-1.5260	1.9673	53.5046	17.6557	1.96751
9400	5.2204	-1.5324	1.9757	53.7081	17.6703	1.97589
9500	5.2251	-1.5387	1.9834	53.9024	17.6774	1.98361
9600	5.2297	-1.5448	1.9905	54.0893	17.6792	1.99080
9700	5.2342	-1.5508	1.9972	54.2707	17.6771	1.99756
9800	5.2385	-1.5566	2.0036	54.4477	17.6729	2.00400
9900	5.2428	-1.5624	2.0097	54.6217	17.6676	2.01021

LOG P= 0.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10000	5.2471	-1.5680	2.0157	54.7940	17.6624	2.01628
10100	5.2513	-1.5736	2.0216	54.9655	17.6581	2.02225
10200	5.2555	-1.5792	2.0275	55.1385	17.6572	2.02831
10300	5.2598	-1.5847	2.0334	55.3107	17.6573	2.03430
10400	5.2640	-1.5901	2.0394	55.4846	17.6605	2.04038
10500	5.2684	-1.5956	2.0455	55.6607	17.6675	2.04659
10600	5.2728	-1.6010	2.0517	55.8397	17.6791	2.05299
10700	5.2772	-1.6065	2.0582	56.0217	17.6949	2.05961
10800	5.2818	-1.6119	2.0649	56.2077	17.7163	2.06648
10900	5.2865	-1.6174	2.0719	56.3979	17.7430	2.07365
11000	5.2912	-1.6229	2.0792	56.5925	17.7757	2.08113
11100	5.2961	-1.6284	2.0868	56.7924	17.8145	2.08898
11200	5.3011	-1.6340	2.0948	56.9974	17.8595	2.09720
11300	5.3062	-1.6396	2.1032	57.2081	17.9111	2.10582
11400	5.3114	-1.6452	2.1119	57.4248	17.9697	2.11488
11500	5.3168	-1.6509	2.1212	57.6478	18.0356	2.12440
11600	5.3223	-1.6566	2.1309	57.8773	18.1086	2.13441
11700	5.3280	-1.6624	2.1411	58.1136	18.1893	2.14492
11800	5.3338	-1.6683	2.1517	58.3569	18.2773	2.15595
11900	5.3397	-1.6742	2.1630	58.6075	18.3734	2.16754
12000	5.3458	-1.6802	2.1747	58.8657	18.4773	2.17971
12100	5.3521	-1.6862	2.1870	59.1314	18.5893	2.19246
12200	5.3584	-1.6924	2.2000	59.4051	18.7095	2.20582
12300	5.3649	-1.6986	2.2135	59.6868	18.8379	2.21981
12400	5.3716	-1.7049	2.2276	59.9765	18.9747	2.23444
12500	5.3784	-1.7112	2.2424	60.2747	19.1199	2.24974
12600	5.3853	-1.7177	2.2578	60.5812	19.2733	2.26571
12700	5.3924	-1.7242	2.2738	60.8964	19.4355	2.28237
12800	5.3996	-1.7308	2.2906	61.2200	19.6060	2.29972
12900	5.4069	-1.7374	2.3080	61.5523	19.7850	2.31781
13000	5.4144	-1.7442	2.3261	61.8931	19.9723	2.33659
13100	5.4219	-1.7510	2.3449	62.2424	20.1678	2.35609
13200	5.4296	-1.7579	2.3644	62.6003	20.3717	2.37632
13300	5.4374	-1.7649	2.3846	62.9668	20.5836	2.39729
13400	5.4452	-1.7719	2.4055	63.3415	20.8031	2.41898
13500	5.4532	-1.7790	2.4271	63.7245	21.0306	2.44140
13600	5.4612	-1.7862	2.4494	64.1157	21.2657	2.46455
13700	5.4693	-1.7934	2.4724	64.5143	21.5076	2.48839
13800	5.4775	-1.8007	2.4961	64.9207	21.7567	2.51293
13900	5.4857	-1.8081	2.5204	65.3342	22.0121	2.53815
14000	5.4940	-1.8155	2.5453	65.7601	22.2795	2.56403
14100	5.5022	-1.8229	2.5709	66.1816	22.5415	2.59056
14200	5.5105	-1.8304	2.5971	66.6147	22.8143	2.61770
14300	5.5188	-1.8379	2.6238	67.0532	23.0917	2.64541
14400	5.5271	-1.8454	2.6511	67.4972	23.3737	2.67369
14500	5.5354	-1.8529	2.6788	67.9455	23.6594	2.70248
14600	5.5436	-1.8605	2.7070	68.3973	23.9476	2.73170
14700	5.5518	-1.8680	2.7357	68.8530	24.2386	2.76138
14800	5.5600	-1.8755	2.7647	69.3114	24.5316	2.79145
14900	5.5681	-1.8830	2.7941	69.7713	24.8253	2.82181
15000	5.5761	-1.8905	2.8237	70.2326	25.1194	2.85245

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5240	0.8578	0.9519	18.2041	3.3419	1.00000
200	2.8417	0.5376	0.9949	20.6765	3.4728	1.00000
300	3.0203	0.3593	0.9999	22.0905	3.4930	1.00000
400	3.1468	0.2338	1.0013	23.0974	3.5053	1.00000
500	3.2449	0.1368	1.0015	23.8804	3.5149	1.00000
600	3.3251	0.0577	1.0014	24.5220	3.5231	1.00000
700	3.3930	-0.0092	1.0013	25.0672	3.5308	1.00000
800	3.4552	-0.0673	1.0012	25.6440	3.5657	1.00000
900	3.5098	-0.1185	1.0013	26.0939	3.5942	1.00000
1000	3.5590	-0.1641	1.0009	26.5054	3.6226	1.00000
1100	3.6040	-0.2055	1.0008	26.8824	3.6528	1.00000
1200	3.6454	-0.2433	1.0008	27.2318	3.6830	1.00000
1300	3.6836	-0.2780	1.0007	27.5573	3.7126	1.00000
1400	3.7191	-0.3102	1.0007	27.8621	3.7412	1.00000
1500	3.7523	-0.3402	1.0006	28.1486	3.7686	1.00000
1600	3.7833	-0.3682	1.0006	28.4188	3.7948	1.00000
1700	3.8125	-0.3945	1.0006	28.6744	3.8196	1.00000
1800	3.8400	-0.4193	1.0005	28.9170	3.8432	1.00000
1900	3.8660	-0.4428	1.0005	29.1477	3.8654	1.00000
2000	3.8918	-0.4649	1.0005	29.3802	3.8978	1.00000
2100	3.9153	-0.4860	1.0005	29.5918	3.9183	1.00000
2200	3.9378	-0.5062	1.0005	29.7943	3.9388	1.00000
2300	3.9591	-0.5255	1.0004	29.9886	3.9571	1.00000
2400	3.9795	-0.5440	1.0004	30.1752	3.9747	1.00000
2500	3.9992	-0.5617	1.0004	30.3548	3.9923	1.00000
2600	4.0179	-0.5788	1.0004	30.5277	4.0082	1.00000
2700	4.0359	-0.5951	1.0004	30.6947	4.0231	1.00000
2800	4.0534	-0.6109	1.0004	30.8558	4.0383	1.00000
2900	4.0701	-0.6262	1.0003	31.0117	4.0521	1.00000
3000	4.0862	-0.6409	1.0003	31.1627	4.0651	1.00000
3100	4.1019	-0.6551	1.0003	31.3090	4.0784	1.00001
3200	4.1169	-0.6689	1.0003	31.4511	4.0905	1.00001
3300	4.1316	-0.6823	1.0003	31.5891	4.1025	1.00002
3400	4.1458	-0.6952	1.0003	31.7235	4.1147	1.00004
3500	4.1596	-0.7078	1.0004	31.8545	4.1257	1.00007
3600	4.1730	-0.7201	1.0004	31.9823	4.1374	1.00011
3700	4.1861	-0.7320	1.0004	32.1075	4.1485	1.00017
3800	4.1990	-0.7436	1.0005	32.2305	4.1613	1.00026
3900	4.2116	-0.7549	1.0006	32.3514	4.1739	1.00038
4000	4.2240	-0.7660	1.0008	32.4707	4.1870	1.00056
4100	4.2362	-0.7768	1.0010	32.5892	4.2019	1.00080
4200	4.2484	-0.7874	1.0013	32.7073	4.2183	1.00111
4300	4.2606	-0.7978	1.0018	32.8256	4.2378	1.00154
4400	4.2728	-0.8081	1.0023	32.9449	4.2589	1.00210
4500	4.2851	-0.8181	1.0030	33.0659	4.2845	1.00282
4600	4.2976	-0.8281	1.0040	33.1896	4.3134	1.00375
4700	4.3103	-0.8379	1.0051	33.3168	4.3473	1.00491
4800	4.3234	-0.8477	1.0066	33.4488	4.3873	1.00637
4900	4.3370	-0.8574	1.0084	33.5866	4.4345	1.00818
5000	4.3511	-0.8672	1.0106	33.7315	4.4890	1.01039
5100	4.3655	-0.8769	1.0133	33.8782	4.5487	1.01310
5200	4.3809	-0.8867	1.0165	34.0416	4.6225	1.01636
5300	4.3971	-0.8967	1.0204	34.2169	4.7083	1.02025
5400	4.4143	-0.9067	1.0251	34.4055	4.8075	1.02487
5500	4.4325	-0.9170	1.0305	34.6092	4.9215	1.03033

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5600	4.4516	-0.9275	1.0369	34.8299	5.0517	1.03673
5700	4.4719	-0.9383	1.0444	35.0693	5.1999	1.04419
5800	4.4932	-0.9495	1.0530	35.3294	5.3676	1.05285
5900	4.5157	-0.9610	1.0630	35.6125	5.5568	1.06283
6000	4.5393	-0.9729	1.0744	35.9206	5.7692	1.07426
6100	4.5639	-0.9853	1.0874	36.2550	6.0058	1.08726
6200	4.5896	-0.9982	1.1021	36.6183	6.2688	1.10198
6300	4.6162	-1.0117	1.1187	37.0125	6.5599	1.11857
6400	4.6438	-1.0257	1.1373	37.4389	6.8803	1.13716
6500	4.6721	-1.0402	1.1580	37.8996	7.2311	1.15786
6600	4.7011	-1.0554	1.1809	38.3953	7.6133	1.18077
6700	4.7306	-1.0711	1.2061	38.9268	8.0267	1.20600
6800	4.7604	-1.0873	1.2337	39.4934	8.4709	1.23354
6900	4.7904	-1.1041	1.2636	40.0946	8.9446	1.26342
7000	4.8203	-1.1212	1.2957	40.7282	9.4456	1.29555
7100	4.8500	-1.1387	1.3299	41.3912	9.9705	1.32981
7200	4.8792	-1.1564	1.3661	42.0794	10.5152	1.36597
7300	4.9076	-1.1743	1.4039	42.7878	11.0745	1.40376
7400	4.9353	-1.1921	1.4430	43.5100	11.6420	1.44282
7500	4.9618	-1.2098	1.4829	44.2390	12.2105	1.48273
7600	4.9871	-1.2271	1.5231	44.9666	12.7722	1.52297
7700	5.0110	-1.2441	1.5632	45.6846	13.3193	1.56303
7800	5.0334	-1.2605	1.6025	46.3856	13.8446	1.60241
7900	5.0542	-1.2763	1.6407	47.0619	14.3412	1.64060
8000	5.0735	-1.2913	1.6773	47.7078	14.8035	1.67718
8100	5.0911	-1.3056	1.7119	48.3184	15.2274	1.71178
8200	5.1072	-1.3190	1.7442	48.8903	15.6101	1.74414
8300	5.1219	-1.3317	1.7742	49.4219	15.9504	1.77411
8400	5.1351	-1.3435	1.8016	49.9129	16.2483	1.80158
8500	5.1471	-1.3547	1.8266	50.3642	16.5057	1.82659
8600	5.1579	-1.3651	1.8492	50.7773	16.7245	1.84918
8700	5.1676	-1.3749	1.8695	51.1552	16.9077	1.86951
8800	5.1764	-1.3840	1.8877	51.5005	17.0590	1.88771
8900	5.1845	-1.3927	1.9040	51.8168	17.1815	1.90400
9000	5.1918	-1.4008	1.9185	52.1070	17.2793	1.91854
9100	5.1985	-1.4085	1.9315	52.3745	17.3553	1.93155
9200	5.2047	-1.4159	1.9431	52.6225	17.4133	1.94322
9300	5.2104	-1.4229	1.9536	52.8537	17.4561	1.95373
9400	5.2158	-1.4297	1.9631	53.0709	17.4865	1.96325
9500	5.2209	-1.4362	1.9717	53.2763	17.5066	1.97194
9600	5.2258	-1.4425	1.9797	53.4720	17.5190	1.97995
9700	5.2304	-1.4486	1.9871	53.6599	17.5252	1.98738
9800	5.2349	-1.4545	1.9940	53.8416	17.5273	1.99435
9900	5.2393	-1.4604	2.0005	54.0186	17.5263	2.00097
10000	5.2436	-1.4661	2.0068	54.1922	17.5238	2.00732
10100	5.2479	-1.4717	2.0129	54.3634	17.5206	2.01347
10200	5.2521	-1.4773	2.0189	54.5350	17.5198	2.01965
10300	5.2563	-1.4828	2.0248	54.7042	17.5181	2.02563
10400	5.2605	-1.4883	2.0307	54.8739	17.5184	2.03160
10500	5.2648	-1.4937	2.0366	55.0445	17.5215	2.03764
10600	5.2690	-1.4991	2.0426	55.2169	17.5277	2.04379
10700	5.2734	-1.5045	2.0488	55.3914	17.5376	2.05008
10800	5.2777	-1.5099	2.0551	55.5688	17.5518	2.05655
10900	5.2822	-1.5152	2.0616	55.7495	17.5706	2.06325
11000	5.2868	-1.5206	2.0684	55.9336	17.5942	2.07020

LOG P= 0.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	5.2914	-1.5260	2.0754	56.1219	17.6231	2.07745
11200	5.2962	-1.5315	2.0827	56.3146	17.6577	2.08501
11300	5.3010	-1.5369	2.0904	56.5120	17.6979	2.09290
11400	5.3060	-1.5424	2.0984	56.7145	17.7442	2.10117
11500	5.3110	-1.5479	2.1068	56.9224	17.7969	2.10984
11600	5.3162	-1.5535	2.1156	57.1359	17.8559	2.11893
11700	5.3216	-1.5591	2.1248	57.3553	17.9220	2.12845
11800	5.3270	-1.5648	2.1344	57.5808	17.9946	2.13844
11900	5.3326	-1.5705	2.1446	57.8128	18.0744	2.14892
12000	5.3383	-1.5763	2.1552	58.0514	18.1613	2.15991
12100	5.3442	-1.5821	2.1663	58.2966	18.2555	2.17142
12200	5.3502	-1.5880	2.1779	58.5491	18.3572	2.18348
12300	5.3563	-1.5940	2.1901	58.8085	18.4663	2.19610
12400	5.3625	-1.6000	2.2028	59.0752	18.5831	2.20930
12500	5.3689	-1.6061	2.2161	59.3496	18.7078	2.22309
12600	5.3755	-1.6123	2.2299	59.6313	18.8399	2.23750
12700	5.3821	-1.6185	2.2444	59.9210	18.9802	2.25254
12800	5.3889	-1.6248	2.2595	60.2182	19.1280	2.26820
12900	5.3958	-1.6312	2.2752	60.5235	19.2838	2.28454
13000	5.4028	-1.6377	2.2915	60.8366	19.4474	2.30151
13100	5.4099	-1.6442	2.3084	61.1575	19.6186	2.31915
13200	5.4172	-1.6508	2.3260	61.4866	19.7979	2.33748
13300	5.4246	-1.6575	2.3443	61.8235	19.9847	2.35649
13400	5.4320	-1.6642	2.3632	62.1682	20.1790	2.37618
13500	5.4396	-1.6710	2.3828	62.5208	20.3808	2.39655
13600	5.4472	-1.6779	2.4030	62.8813	20.5901	2.41762
13700	5.4549	-1.6848	2.4239	63.2490	20.8062	2.43935
13800	5.4627	-1.6918	2.4454	63.6242	21.0292	2.46177
13900	5.4706	-1.6989	2.4676	64.0064	21.2588	2.48483
14000	5.4786	-1.7060	2.4904	64.4007	21.4998	2.50856
14100	5.4864	-1.7132	2.5138	64.7916	21.7367	2.53293
14200	5.4944	-1.7203	2.5378	65.1940	21.9847	2.55793
14300	5.5024	-1.7276	2.5624	65.6022	22.2378	2.58351
14400	5.5105	-1.7349	2.5876	66.0164	22.4960	2.60969
14500	5.5185	-1.7421	2.6133	66.4356	22.7586	2.63642
14600	5.5266	-1.7495	2.6394	66.8591	23.0248	2.66363
14700	5.5346	-1.7568	2.6661	67.2874	23.2950	2.69136
14800	5.5426	-1.7641	2.6932	67.7196	23.5683	2.71955
14900	5.5506	-1.7715	2.7207	68.1544	23.8436	2.74812
15000	5.5585	-1.7788	2.7486	68.5920	24.1206	2.77706

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5196	0.9638	0.9389	17.9526	3.3079	1.00000
200	2.8411	0.6382	0.9935	20.4426	3.4677	1.00000
300	3.0201	0.4594	0.9998	21.8586	3.4913	1.00000
400	3.1467	0.3337	1.0014	22.8662	3.5046	1.00000
500	3.2449	0.2367	1.0018	23.6497	3.5148	1.00000
600	3.3251	0.1575	1.0017	24.2917	3.5233	1.00000
700	3.3930	0.0907	1.0015	24.8370	3.5309	1.00000
800	3.4552	0.0327	1.0014	25.4135	3.5657	1.00000
900	3.5098	-0.0184	1.0013	25.8634	3.5941	1.00000
1000	3.5590	-0.0641	1.0011	26.2749	3.6228	1.00000
1100	3.6040	-0.1055	1.0010	26.6519	3.6530	1.00000

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1200	3.6454	-0.1433	1.0010	27.0013	3.6832	1.00000
1300	3.6836	-0.1781	1.0009	27.3270	3.7127	1.00000
1400	3.7192	-0.2103	1.0008	27.6318	3.7413	1.00000
1500	3.7523	-0.2402	1.0008	27.9183	3.7687	1.00000
1600	3.7833	-0.2682	1.0008	28.1886	3.7949	1.00000
1700	3.8125	-0.2946	1.0007	28.4442	3.8198	1.00000
1800	3.8400	-0.3194	1.0007	28.6868	3.8433	1.00000
1900	3.8660	-0.3428	1.0006	28.9174	3.8655	1.00000
2000	3.8919	-0.3649	1.0006	29.1499	3.8979	1.00000
2100	3.9153	-0.3861	1.0006	29.3615	3.9185	1.00000
2200	3.9378	-0.4063	1.0006	29.5640	3.9390	1.00000
2300	3.9591	-0.4256	1.0006	29.7583	3.9572	1.00000
2400	3.9795	-0.4440	1.0005	29.9449	3.9748	1.00000
2500	3.9992	-0.4618	1.0005	30.1246	3.9924	1.00000
2600	4.0179	-0.4788	1.0005	30.2975	4.0083	1.00000
2700	4.0359	-0.4952	1.0005	30.4644	4.0232	1.00000
2800	4.0534	-0.5110	1.0005	30.6256	4.0384	1.00000
2900	4.0701	-0.5262	1.0004	30.7814	4.0522	1.00000
3000	4.0862	-0.5409	1.0004	30.9324	4.0652	1.00000
3100	4.1019	-0.5552	1.0004	31.0787	4.0785	1.00001
3200	4.1169	-0.5689	1.0004	31.2208	4.0905	1.00001
3300	4.1316	-0.5823	1.0004	31.3588	4.1025	1.00002
3400	4.1458	-0.5953	1.0004	31.4931	4.1147	1.00004
3500	4.1595	-0.6079	1.0004	31.6240	4.1255	1.00006
3600	4.1730	-0.6201	1.0004	31.7516	4.1371	1.00010
3700	4.1860	-0.6320	1.0005	31.8767	4.1480	1.00015
3800	4.1989	-0.6436	1.0006	31.9993	4.1605	1.00023
3900	4.2115	-0.6550	1.0007	32.1198	4.1727	1.00034
4000	4.2238	-0.6660	1.0008	32.2386	4.1853	1.00049
4100	4.2360	-0.6768	1.0010	32.3564	4.1996	1.00071
4200	4.2481	-0.6874	1.0013	32.4734	4.2151	1.00099
4300	4.2602	-0.6978	1.0017	32.5904	4.2333	1.00138
4400	4.2721	-0.7080	1.0022	32.7081	4.2530	1.00187
4500	4.2843	-0.7180	1.0028	32.8270	4.2767	1.00251
4600	4.2965	-0.7279	1.0036	32.9481	4.3030	1.00334
4700	4.3090	-0.7377	1.0046	33.0722	4.3340	1.00437
4800	4.3218	-0.7474	1.0059	33.2002	4.3704	1.00567
4900	4.3350	-0.7571	1.0075	33.3333	4.4133	1.00729
5000	4.3485	-0.7667	1.0095	33.4724	4.4624	1.00926
5100	4.3623	-0.7763	1.0119	33.6122	4.5158	1.01168
5200	4.3771	-0.7860	1.0148	33.7674	4.5822	1.01458
5300	4.3926	-0.7957	1.0183	33.9332	4.6594	1.01805
5400	4.4089	-0.8056	1.0224	34.1107	4.7484	1.02217
5500	4.4262	-0.8156	1.0273	34.3015	4.8506	1.02703
5600	4.4443	-0.8259	1.0330	34.5073	4.9674	1.03274
5700	4.4635	-0.8363	1.0396	34.7297	5.1002	1.03939
5800	4.4836	-0.8471	1.0473	34.9704	5.2504	1.04712
5900	4.5048	-0.8582	1.0562	35.2315	5.4197	1.05601
6000	4.5271	-0.8697	1.0664	35.5147	5.6098	1.06622
6100	4.5504	-0.8816	1.0780	35.8216	5.8217	1.07783
6200	4.5747	-0.8939	1.0912	36.1542	6.0574	1.09098
6300	4.5999	-0.9067	1.1060	36.5146	6.3183	1.10583
6400	4.6261	-0.9200	1.1227	36.9043	6.6059	1.12247
6500	4.6531	-0.9339	1.1412	37.3250	6.9213	1.14105
6600	4.6808	-0.9483	1.1618	37.7780	7.2657	1.16165

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6700	4.7091	-0.9632	1.1846	38.2640	7.6392	1.18439
6800	4.7379	-0.9787	1.2095	38.7831	8.0418	1.20930
6900	4.7669	-0.9947	1.2366	39.3353	8.4732	1.23643
7000	4.7960	-1.0111	1.2659	39.9196	8.9319	1.26577
7100	4.8251	-1.0279	1.2974	40.5339	9.4157	1.29724
7200	4.8539	-1.0451	1.3309	41.1755	9.9217	1.33070
7300	4.8823	-1.0624	1.3661	41.8407	10.4461	1.36598
7400	4.9100	-1.0799	1.4030	42.5246	10.9838	1.40280
7500	4.9369	-1.0973	1.4410	43.2214	11.5291	1.44082
7600	4.9627	-1.1146	1.4798	43.9245	12.0755	1.47963
7700	4.9874	-1.1316	1.5189	44.6266	12.6160	1.51879
7800	5.0108	-1.1483	1.5580	45.3209	13.1438	1.55785
7900	5.0328	-1.1644	1.5964	45.9997	13.6518	1.59630
8000	5.0534	-1.1799	1.6338	46.6569	14.1339	1.63371
8100	5.0724	-1.1948	1.6698	47.2865	14.5849	1.66967
8200	5.0899	-1.2089	1.7039	47.8837	15.0007	1.70381
8300	5.1060	-1.2222	1.7360	48.4453	15.3779	1.73589
8400	5.1206	-1.2348	1.7658	48.9695	15.7158	1.76571
8500	5.1339	-1.2467	1.7933	49.4557	16.0141	1.79321
8600	5.1460	-1.2578	1.8184	49.9044	16.2739	1.81835
8700	5.1569	-1.2682	1.8413	50.3170	16.4971	1.84120
8800	5.1668	-1.2780	1.8619	50.6956	16.6859	1.86185
8900	5.1758	-1.2873	1.8805	51.0429	16.8437	1.88045
9000	5.1840	-1.2959	1.8971	51.3616	16.9736	1.89714
9100	5.1915	-1.3042	1.9121	51.6549	17.0786	1.91213
9200	5.1984	-1.3119	1.9255	51.9257	17.1622	1.92557
9300	5.2047	-1.3193	1.9376	52.1768	17.2274	1.93767
9400	5.2106	-1.3264	1.9485	52.4111	17.2770	1.94858
9500	5.2161	-1.3332	1.9583	52.6308	17.3138	1.95849
9600	5.2213	-1.3398	1.9673	52.8385	17.3401	1.96753
9700	5.2263	-1.3461	1.9756	53.0361	17.3577	1.97584
9800	5.2310	-1.3522	1.9832	53.2252	17.3688	1.98355
9900	5.2356	-1.3582	1.9904	53.4077	17.3749	1.99075
10000	5.2400	-1.3640	1.9971	53.5851	17.3776	1.99756
10100	5.2443	-1.3697	2.0035	53.7583	17.3777	2.00406
10200	5.2486	-1.3754	2.0099	53.9308	17.3793	2.01051
10300	5.2528	-1.3809	2.0159	54.0992	17.3782	2.01662
10400	5.2570	-1.3864	2.0218	54.2666	17.3776	2.02265
10500	5.2612	-1.3918	2.0277	54.4337	17.3784	2.02864
10600	5.2654	-1.3972	2.0336	54.6016	17.3816	2.03467
10700	5.2696	-1.4025	2.0395	54.7705	17.3871	2.04076
10800	5.2739	-1.4078	2.0456	54.9412	17.3963	2.04696
10900	5.2782	-1.4132	2.0518	55.1141	17.4087	2.05332
11000	5.2826	-1.4185	2.0581	55.2897	17.4252	2.05985
11100	5.2870	-1.4238	2.0647	55.4684	17.4461	2.06662
11200	5.2916	-1.4291	2.0715	55.6506	17.4719	2.07364
11300	5.2962	-1.4344	2.0786	55.8366	17.5025	2.08093
11400	5.3009	-1.4398	2.0859	56.0269	17.5382	2.08853
11500	5.3057	-1.4452	2.0936	56.2216	17.5797	2.09647
11600	5.3106	-1.4506	2.1016	56.4211	17.6267	2.10476
11700	5.3157	-1.4561	2.1100	56.6257	17.6801	2.11345
11800	5.3208	-1.4616	2.1187	56.8356	17.7391	2.12252
11900	5.3261	-1.4671	2.1279	57.0510	17.8046	2.13202
12000	5.3315	-1.4727	2.1375	57.2722	17.8764	2.14199
12100	5.3370	-1.4783	2.1475	57.4993	17.9549	2.15240

LOG P= 0.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12200	5.3426	-1.4840	2.1580	57.7326	18.0401	2.16329
12300	5.3484	-1.4898	2.1690	57.9723	18.1321	2.17470
12400	5.3542	-1.4956	2.1804	58.2184	18.2310	2.18660
12500	5.3602	-1.5014	2.1924	58.4712	18.3371	2.19906
12600	5.3664	-1.5073	2.2048	58.7307	18.4500	2.21206
12700	5.3726	-1.5133	2.2179	58.9974	18.5703	2.22563
12800	5.3790	-1.5194	2.2314	59.2708	18.6977	2.23978
12900	5.3855	-1.5255	2.2456	59.5517	18.8325	2.25453
13000	5.3921	-1.5317	2.2603	59.8396	18.9744	2.26986
13100	5.3988	-1.5380	2.2755	60.1345	19.1234	2.28581
13200	5.4057	-1.5443	2.2914	60.4370	19.2798	2.30238
13300	5.4126	-1.5507	2.3079	60.7468	19.4435	2.31958
13400	5.4197	-1.5571	2.3250	61.0639	19.6142	2.33742
13500	5.4268	-1.5637	2.3427	61.3883	19.7919	2.35589
13600	5.4341	-1.5702	2.3610	61.7200	19.9770	2.37503
13700	5.4414	-1.5769	2.3799	62.0587	20.1685	2.39478
13800	5.4488	-1.5836	2.3994	62.4045	20.3670	2.41519
13900	5.4563	-1.5903	2.4195	62.7571	20.5718	2.43621
14000	5.4639	-1.5972	2.4403	63.1211	20.7876	2.45788
14100	5.4714	-1.6040	2.4616	63.4826	21.0005	2.48017
14200	5.4791	-1.6110	2.4836	63.8554	21.2241	2.50309
14300	5.4868	-1.6179	2.5061	64.2340	21.4530	2.52658
14400	5.4946	-1.6249	2.5292	64.6189	21.6876	2.55070
14500	5.5023	-1.6320	2.5528	65.0091	21.9269	2.57536
14600	5.5101	-1.6391	2.5769	65.4042	22.1705	2.60055
14700	5.5179	-1.6462	2.6016	65.8047	22.4187	2.62629
14800	5.5257	-1.6533	2.6267	66.2096	22.6707	2.65253
14900	5.5335	-1.6604	2.6523	66.6181	22.9256	2.67920
15000	5.5413	-1.6675	2.6783	67.0303	23.1836	2.70632

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5139	1.0711	0.9232	17.6943	3.2648	1.00000
200	2.8403	0.7390	0.9916	20.2071	3.4612	1.00000
300	3.0199	0.5594	0.9997	21.6264	3.4894	1.00000
400	3.1466	0.4336	1.0017	22.6347	3.5037	1.00000
500	3.2449	0.3365	1.0021	23.4188	3.5147	1.00000
600	3.3251	0.2573	1.0021	24.0612	3.5236	1.00000
700	3.3930	0.1905	1.0019	24.6066	3.5313	1.00000
800	3.4553	0.1326	1.0017	25.1832	3.5660	1.00000
900	3.5099	0.0815	1.0015	25.6330	3.5943	1.00000
1000	3.5591	0.0358	1.0014	26.0444	3.6230	1.00000
1100	3.6041	-0.0056	1.0013	26.4214	3.6532	1.00000
1200	3.6454	-0.0433	1.0012	26.7708	3.6834	1.00000
1300	3.6837	-0.0781	1.0011	27.0965	3.7129	1.00000
1400	3.7192	-0.1103	1.0011	27.4014	3.7415	1.00000
1500	3.7523	-0.1403	1.0010	27.6879	3.7689	1.00000
1600	3.7833	-0.1683	1.0009	27.9582	3.7951	1.00000
1700	3.8125	-0.1946	1.0009	28.2139	3.8199	1.00000
1800	3.8400	-0.2194	1.0008	28.4565	3.8434	1.00000
1900	3.8660	-0.2429	1.0008	28.6871	3.8657	1.00000
2000	3.8919	-0.2650	1.0008	28.9196	3.8980	1.00000
2100	3.9154	-0.2862	1.0008	29.1313	3.9186	1.00000
2200	3.9378	-0.3063	1.0007	29.3338	3.9391	1.00000

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2300	3.9591	-0.3256	1.0007	29.5280	3.9574	1.00000
2400	3.9795	-0.3441	1.0007	29.7147	3.9749	1.00000
2500	3.9992	-0.3618	1.0006	29.8943	3.9925	1.00000
2600	4.0179	-0.3788	1.0006	30.0672	4.0084	1.00000
2700	4.0359	-0.3952	1.0006	30.2341	4.0233	1.00000
2800	4.0534	-0.4110	1.0006	30.3953	4.0385	1.00000
2900	4.0701	-0.4262	1.0006	30.5511	4.0523	1.00000
3000	4.0862	-0.4410	1.0005	30.7022	4.0653	1.00000
3100	4.1019	-0.4552	1.0005	30.8484	4.0786	1.00001
3200	4.1169	-0.4690	1.0005	30.9904	4.0906	1.00001
3300	4.1316	-0.4823	1.0005	31.1284	4.1025	1.00002
3400	4.1458	-0.4953	1.0005	31.2626	4.1146	1.00003
3500	4.1595	-0.5079	1.0005	31.3935	4.1254	1.00005
3600	4.1730	-0.5201	1.0005	31.5210	4.1369	1.00009
3700	4.1860	-0.5320	1.0006	31.6459	4.1476	1.00014
3800	4.1989	-0.5437	1.0006	31.7682	4.1598	1.00020
3900	4.2114	-0.5550	1.0007	31.8883	4.1717	1.00030
4000	4.2236	-0.5660	1.0008	32.0067	4.1838	1.00044
4100	4.2358	-0.5768	1.0010	32.1238	4.1974	1.00063
4200	4.2477	-0.5874	1.0013	32.2400	4.2121	1.00089
4300	4.2597	-0.5978	1.0016	32.3558	4.2294	1.00122
4400	4.2716	-0.6079	1.0020	32.4720	4.2476	1.00166
4500	4.2836	-0.6179	1.0026	32.5891	4.2696	1.00224
4600	4.2956	-0.6278	1.0033	32.7079	4.2938	1.00297
4700	4.3078	-0.6375	1.0042	32.8291	4.3222	1.00390
4800	4.3203	-0.6472	1.0054	32.9536	4.3554	1.00506
4900	4.3331	-0.6568	1.0068	33.0824	4.3943	1.00650
5000	4.3462	-0.6663	1.0086	33.2164	4.4388	1.00825
5100	4.3595	-0.6758	1.0107	33.3501	4.4866	1.01041
5200	4.3737	-0.6853	1.0133	33.4981	4.5464	1.01300
5300	4.3885	-0.6949	1.0164	33.6553	4.6157	1.01608
5400	4.4041	-0.7046	1.0200	33.8229	4.6957	1.01976
5500	4.4205	-0.7144	1.0244	34.0022	4.7875	1.02409
5600	4.4377	-0.7244	1.0295	34.1947	4.8922	1.02918
5700	4.4558	-0.7346	1.0354	34.4018	5.0112	1.03511
5800	4.4749	-0.7450	1.0423	34.6253	5.1458	1.04200
5900	4.4949	-0.7557	1.0502	34.8667	5.2974	1.04994
6000	4.5159	-0.7668	1.0593	35.1278	5.4676	1.05905
6100	4.5379	-0.7782	1.0697	35.4100	5.6573	1.06941
6200	4.5609	-0.7900	1.0814	35.7152	5.8683	1.08116
6300	4.5848	-0.8022	1.0947	36.0452	6.1021	1.09443
6400	4.6096	-0.8149	1.1096	36.4016	6.3600	1.10931
6500	4.6353	-0.8281	1.1262	36.7860	6.6433	1.12596
6600	4.6617	-0.8418	1.1447	37.2000	6.9531	1.14446
6700	4.6888	-0.8561	1.1651	37.6441	7.2898	1.16490
6800	4.7164	-0.8708	1.1876	38.1192	7.6539	1.18738
6900	4.7444	-0.8860	1.2122	38.6254	8.0452	1.21193
7000	4.7726	-0.9017	1.2388	39.1624	8.4631	1.23859
7100	4.8009	-0.9178	1.2675	39.7290	8.9061	1.26733
7200	4.8292	-0.9343	1.2983	40.3236	9.3726	1.29807
7300	4.8572	-0.9511	1.3309	40.9436	9.8596	1.33070
7400	4.8847	-0.9680	1.3653	41.5855	10.3636	1.36505
7500	4.9117	-0.9851	1.4011	42.2448	10.8800	1.40084
7600	4.9379	-1.0022	1.4380	42.9164	11.4039	1.43779
7700	4.9631	-1.0191	1.4757	43.5945	11.9290	1.47553

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7800	4.9872	-1.0358	1.5138	44.2726	12.4493	1.51366
7900	5.0102	-1.0521	1.5519	44.9438	12.9582	1.55172
8000	5.0318	-1.0679	1.5895	45.6017	13.4496	1.58928
8100	5.0521	-1.0832	1.6261	46.2401	13.9178	1.62593
8200	5.0709	-1.0979	1.6614	46.8537	14.3577	1.66125
8300	5.0883	-1.1119	1.6951	47.4381	14.7655	1.69496
8400	5.1044	-1.1251	1.7269	47.9899	15.1381	1.72675
8500	5.1190	-1.1377	1.7566	48.5072	15.4743	1.75649
8600	5.1324	-1.1495	1.7842	48.9892	15.7735	1.78403
8700	5.1446	-1.1607	1.8095	49.4359	16.0361	1.80936
8800	5.1557	-1.1711	1.8326	49.8483	16.2639	1.83249
8900	5.1658	-1.1810	1.8536	50.2282	16.4588	1.85350
9000	5.1750	-1.1903	1.8726	50.5776	16.6232	1.87251
9100	5.1833	-1.1990	1.8897	50.8993	16.7603	1.88965
9200	5.1910	-1.2073	1.9051	51.1957	16.8730	1.90508
9300	5.1980	-1.2151	1.9189	51.4697	16.9641	1.91898
9400	5.2045	-1.2226	1.9315	51.7243	17.0368	1.93153
9500	5.2106	-1.2298	1.9428	51.9617	17.0938	1.94288
9600	5.2162	-1.2366	1.9530	52.1845	17.1374	1.95319
9700	5.2215	-1.2432	1.9624	52.3947	17.1697	1.96261
9800	5.2266	-1.2495	1.9710	52.5943	17.1932	1.97126
9900	5.2314	-1.2557	1.9789	52.7852	17.2094	1.97926
10000	5.2360	-1.2617	1.9863	52.9688	17.2201	1.98673
10100	5.2405	-1.2675	1.9933	53.1466	17.2264	1.99376
10200	5.2450	-1.2733	2.0001	53.3226	17.2329	2.00065
10300	5.2492	-1.2789	2.0064	53.4923	17.2346	2.00707
10400	5.2535	-1.2844	2.0125	53.6597	17.2352	2.01328
10500	5.2576	-1.2898	2.0185	53.8253	17.2361	2.01938
10600	5.2618	-1.2952	2.0244	53.9906	17.2381	2.02542
10700	5.2660	-1.3006	2.0303	54.1558	17.2413	2.03144
10800	5.2701	-1.3059	2.0362	54.3217	17.2468	2.03750
10900	5.2743	-1.3111	2.0422	54.4888	17.2548	2.04364
11000	5.2786	-1.3164	2.0483	54.6576	17.2659	2.04989
11100	5.2829	-1.3216	2.0545	54.8285	17.2806	2.05630
11200	5.2872	-1.3269	2.0609	55.0021	17.2991	2.06290
11300	5.2917	-1.3321	2.0675	55.1785	17.3218	2.06970
11400	5.2962	-1.3374	2.0743	55.3584	17.3488	2.07676
11500	5.3008	-1.3427	2.0814	55.5420	17.3808	2.08409
11600	5.3054	-1.3479	2.0887	55.7294	17.4174	2.09171
11700	5.3102	-1.3533	2.0964	55.9211	17.4595	2.09967
11800	5.3151	-1.3586	2.1044	56.1173	17.5069	2.10796
11900	5.3201	-1.3640	2.1127	56.3183	17.5599	2.11662
12000	5.3252	-1.3694	2.1214	56.5241	17.6186	2.12568
12100	5.3303	-1.3749	2.1305	56.7352	17.6831	2.13512
12200	5.3357	-1.3804	2.1400	56.9516	17.7537	2.14500
12300	5.3411	-1.3859	2.1499	57.1738	17.8306	2.15533
12400	5.3466	-1.3915	2.1602	57.4014	17.9136	2.16610
12500	5.3523	-1.3972	2.1710	57.6351	18.0030	2.17736
12600	5.3580	-1.4029	2.1822	57.8747	18.0988	2.18911
12700	5.3639	-1.4086	2.1940	58.1206	18.2014	2.20136
12800	5.3699	-1.4144	2.2062	58.3727	18.3101	2.21414
12900	5.3760	-1.4203	2.2189	58.6315	18.4261	2.22746
13000	5.3823	-1.4263	2.2321	58.8965	18.5484	2.24131
13100	5.3886	-1.4323	2.2459	59.1679	18.6773	2.25572
13200	5.3950	-1.4383	2.2602	59.4462	18.8128	2.27070

LOG P= 0.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13300	5.4016	-1.4444	2.2751	59.7312	18.9554	2.28626
13400	5.4082	-1.4506	2.2905	60.0227	19.1046	2.30240
13500	5.4150	-1.4569	2.3064	60.3213	19.2603	2.31913
13600	5.4219	-1.4632	2.3230	60.6265	19.4230	2.33647
13700	5.4288	-1.4695	2.3401	60.9383	19.5917	2.35439
13800	5.4358	-1.4760	2.3577	61.2569	19.7673	2.37293
13900	5.4429	-1.4825	2.3760	61.5818	19.9489	2.39205
14000	5.4502	-1.4890	2.3948	61.9175	20.1409	2.41178
14100	5.4574	-1.4956	2.4142	62.2514	20.3307	2.43211
14200	5.4647	-1.5022	2.4341	62.5957	20.5306	2.45304
14300	5.4721	-1.5089	2.4546	62.9458	20.7359	2.47453
14400	5.4795	-1.5157	2.4757	63.3024	20.9473	2.49664
14500	5.4870	-1.5224	2.4973	63.6642	21.1633	2.51928
14600	5.4944	-1.5293	2.5194	64.0312	21.3840	2.54246
14700	5.5020	-1.5361	2.5421	64.4039	21.6100	2.56620
14800	5.5095	-1.5430	2.5652	64.7813	21.8402	2.59046
14900	5.5171	-1.5499	2.5888	65.1630	22.0740	2.61519
15000	5.5246	-1.5568	2.6129	65.5489	22.3114	2.64039

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
100	2.5067	1.1798	0.9050	17.4280	3.2118	1.00000
200	2.8393	0.8400	0.9893	19.9710	3.4534	1.00000
300	3.0196	0.6595	0.9996	21.3938	3.4870	1.00000
400	3.1465	0.5335	1.0020	22.4031	3.5027	1.00000
500	3.2448	0.4363	1.0026	23.1878	3.5145	1.00000
600	3.3252	0.3571	1.0026	23.8307	3.5238	1.00000
700	3.3931	0.2903	1.0024	24.3762	3.5317	1.00000
800	3.4553	0.2324	1.0022	24.9529	3.5664	1.00000
900	3.5099	0.1813	1.0020	25.4027	3.5946	1.00000
1000	3.5591	0.1356	1.0018	25.8141	3.6233	1.00000
1100	3.6041	0.0943	1.0017	26.1910	3.6535	1.00000
1200	3.6455	0.0566	1.0015	26.5404	3.6837	1.00000
1300	3.6837	0.0219	1.0014	26.8660	3.7132	1.00000
1400	3.7192	-0.0103	1.0013	27.1708	3.7418	1.00000
1500	3.7523	-0.0403	1.0013	27.4574	3.7692	1.00000
1600	3.7834	-0.0683	1.0012	27.7276	3.7953	1.00000
1700	3.8125	-0.0946	1.0011	27.9834	3.8201	1.00000
1800	3.8400	-0.1194	1.0011	28.2260	3.8436	1.00000
1900	3.8660	-0.1429	1.0010	28.4567	3.8659	1.00000
2000	3.8919	-0.1651	1.0010	28.6894	3.8983	1.00000
2100	3.9154	-0.1862	1.0010	28.9010	3.9188	1.00000
2200	3.9378	-0.2064	1.0009	29.1035	3.9393	1.00000
2300	3.9592	-0.2257	1.0009	29.2978	3.9576	1.00000
2400	3.9796	-0.2442	1.0008	29.4844	3.9751	1.00000
2500	3.9992	-0.2619	1.0008	29.6640	3.9927	1.00000
2600	4.0180	-0.2789	1.0008	29.8370	4.0086	1.00000
2700	4.0360	-0.2953	1.0008	30.0038	4.0235	1.00000
2800	4.0534	-0.3111	1.0007	30.1651	4.0387	1.00000
2900	4.0701	-0.3263	1.0007	30.3209	4.0525	1.00000
3000	4.0862	-0.3410	1.0007	30.4718	4.0654	1.00000
3100	4.1019	-0.3553	1.0007	30.6181	4.0787	1.00001
3200	4.1169	-0.3690	1.0006	30.7601	4.0906	1.00001
3300	4.1316	-0.3824	1.0006	30.8981	4.1025	1.00002

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3400	4.1458	-0.3954	1.0006	31.0322	4.1146	1.00003
3500	4.1595	-0.4079	1.0006	31.1630	4.1253	1.00005
3600	4.1730	-0.4202	1.0006	31.2904	4.1367	1.00008
3700	4.1860	-0.4321	1.0007	31.4151	4.1473	1.00012
3800	4.1988	-0.4437	1.0007	31.5372	4.1593	1.00018
3900	4.2113	-0.4550	1.0008	31.6570	4.1708	1.00027
4000	4.2235	-0.4661	1.0009	31.7749	4.1825	1.00040
4100	4.2356	-0.4768	1.0010	31.8914	4.1956	1.00056
4200	4.2475	-0.4874	1.0013	32.0068	4.2096	1.00079
4300	4.2594	-0.4977	1.0015	32.1217	4.2259	1.00109
4400	4.2711	-0.5079	1.0019	32.2365	4.2429	1.00148
4500	4.2830	-0.5179	1.0024	32.3521	4.2634	1.00200
4600	4.2948	-0.5277	1.0031	32.4687	4.2857	1.00265
4700	4.3067	-0.5374	1.0039	32.5874	4.3117	1.00348
4800	4.3189	-0.5470	1.0049	32.7088	4.3420	1.00451
4900	4.3314	-0.5565	1.0062	32.8338	4.3775	1.00579
5000	4.3442	-0.5659	1.0077	32.9633	4.4178	1.00735
5100	4.3570	-0.5753	1.0097	33.0915	4.4605	1.00928
5200	4.3706	-0.5848	1.0120	33.2331	4.5144	1.01158
5300	4.3848	-0.5942	1.0147	33.3826	4.5769	1.01433
5400	4.3997	-0.6037	1.0180	33.5414	4.6488	1.01761
5500	4.4153	-0.6133	1.0218	33.7105	4.7313	1.02147
5600	4.4317	-0.6231	1.0264	33.8911	4.8252	1.02601
5700	4.4489	-0.6330	1.0316	34.0846	4.9319	1.03130
5800	4.4669	-0.6431	1.0378	34.2926	5.0526	1.03744
5900	4.4859	-0.6535	1.0448	34.5164	5.1884	1.04452
6000	4.5058	-0.6642	1.0530	34.7578	5.3407	1.05264
6100	4.5265	-0.6751	1.0622	35.0178	5.5106	1.06189
6200	4.5482	-0.6865	1.0727	35.2983	5.6996	1.07237
6300	4.5709	-0.6982	1.0845	35.6010	5.9090	1.08423
6400	4.5944	-0.7103	1.0978	35.9276	6.1401	1.09754
6500	4.6187	-0.7229	1.1127	36.2791	6.3942	1.11244
6600	4.6438	-0.7360	1.1293	36.6576	6.6725	1.12902
6700	4.6697	-0.7495	1.1477	37.0636	6.9755	1.14737
6800	4.6961	-0.7635	1.1679	37.4979	7.3037	1.16760
6900	4.7229	-0.7780	1.1900	37.9613	7.6576	1.18974
7000	4.7502	-0.7930	1.2141	38.4537	8.0368	1.21387
7100	4.7776	-0.8084	1.2403	38.9747	8.4406	1.23999
7200	4.8052	-0.8242	1.2683	39.5235	8.8679	1.26808
7300	4.8326	-0.8403	1.2983	40.0983	9.3170	1.29806
7400	4.8598	-0.8567	1.3301	40.6968	9.7851	1.32985
7500	4.8866	-0.8733	1.3635	41.3158	10.2691	1.36325
7600	4.9128	-0.8900	1.3983	41.9512	10.7648	1.39803
7700	4.9383	-0.9067	1.4342	42.5984	11.2675	1.43391
7800	4.9629	-0.9233	1.4708	43.2520	11.7720	1.47058
7900	4.9866	-0.9396	1.5079	43.9062	12.2728	1.50765
8000	5.0091	-0.9556	1.5449	44.5550	12.7639	1.54472
8100	5.0304	-0.9712	1.5816	45.1924	13.2396	1.58140
8200	5.0504	-0.9863	1.6175	45.8129	13.6946	1.61729
8300	5.0690	-1.0008	1.6522	46.4113	14.1243	1.65204
8400	5.0864	-1.0146	1.6855	46.9832	14.5244	1.68530
8500	5.1024	-1.0278	1.7170	47.5255	14.8926	1.71684
8600	5.1171	-1.0403	1.7466	48.0361	15.2269	1.74647
8700	5.1306	-1.0521	1.7742	48.5137	15.5266	1.77405
8800	5.1429	-1.0633	1.7997	48.9581	15.7921	1.79954

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8900	5.1542	-1.0738	1.8231	49.3702	16.0243	1.82295
9000	5.1644	-1.0837	1.8444	49.7511	16.2251	1.84432
9100	5.1738	-1.0931	1.8638	50.1028	16.3964	1.86374
9200	5.1824	-1.1019	1.8814	50.4275	16.5411	1.88134
9300	5.1902	-1.1102	1.8973	50.7275	16.6617	1.89727
9400	5.1974	-1.1181	1.9117	51.0056	16.7609	1.91168
9500	5.2041	-1.1257	1.9247	51.2639	16.8414	1.92472
9600	5.2103	-1.1329	1.9364	51.5051	16.9058	1.93653
9700	5.2161	-1.1398	1.9472	51.7311	16.9565	1.94729
9800	5.2216	-1.1464	1.9569	51.9442	16.9954	1.95711
9900	5.2267	-1.1528	1.9659	52.1464	17.0247	1.96613
10000	5.2316	-1.1590	1.9741	52.3391	17.0463	1.97446
10100	5.2363	-1.1650	1.9818	52.5241	17.0616	1.98222
10200	5.2410	-1.1709	1.9893	52.7063	17.0758	1.98974
10300	5.2454	-1.1766	1.9961	52.8797	17.0827	1.99664
10400	5.2497	-1.1822	2.0026	53.0493	17.0870	2.00322
10500	5.2539	-1.1877	2.0088	53.2157	17.0900	2.00956
10600	5.2581	-1.1932	2.0149	53.3805	17.0927	2.01578
10700	5.2623	-1.1985	2.0208	53.5439	17.0957	2.02187
10800	5.2664	-1.2038	2.0268	53.7070	17.0997	2.02791
10900	5.2706	-1.2091	2.0327	53.8701	17.1052	2.03398
11000	5.2747	-1.2143	2.0386	54.0340	17.1128	2.04007
11100	5.2789	-1.2195	2.0446	54.1991	17.1230	2.04625
11200	5.2831	-1.2247	2.0507	54.3658	17.1362	2.05255
11300	5.2874	-1.2299	2.0569	54.5346	17.1526	2.05899
11400	5.2917	-1.2351	2.0633	54.7058	17.1726	2.06562
11500	5.2961	-1.2403	2.0700	54.8801	17.1966	2.07247
11600	5.3006	-1.2454	2.0768	55.0571	17.2247	2.07954
11700	5.3052	-1.2507	2.0838	55.2379	17.2576	2.08689
11800	5.3098	-1.2559	2.0912	55.4222	17.2948	2.09452
11900	5.3145	-1.2611	2.0988	55.6106	17.3372	2.10246
12000	5.3193	-1.2664	2.1067	55.8031	17.3845	2.11074
12100	5.3243	-1.2717	2.1150	56.0002	17.4369	2.11935
12200	5.3293	-1.2770	2.1236	56.2017	17.4948	2.12835
12300	5.3344	-1.2824	2.1326	56.4082	17.5582	2.13772
12400	5.3396	-1.2878	2.1419	56.6195	17.6271	2.14750
12500	5.3449	-1.2933	2.1516	56.8361	17.7018	2.15770
12600	5.3504	-1.2988	2.1618	57.0580	17.7823	2.16834
12700	5.3559	-1.3043	2.1724	57.2854	17.8689	2.17943
12800	5.3615	-1.3099	2.1834	57.5183	17.9613	2.19098
12900	5.3673	-1.3156	2.1949	57.7572	18.0599	2.20302
13000	5.3732	-1.3213	2.2068	58.0016	18.1646	2.21554
13100	5.3791	-1.3271	2.2192	58.2519	18.2751	2.22856
13200	5.3852	-1.3329	2.2321	58.5083	18.3922	2.24210
13300	5.3914	-1.3388	2.2455	58.7707	18.5153	2.25617
13400	5.3977	-1.3447	2.2593	59.0393	18.6447	2.27076
13500	5.4040	-1.3507	2.2737	59.3142	18.7805	2.28591
13600	5.4105	-1.3567	2.2887	59.5952	18.9225	2.30161
13700	5.4171	-1.3628	2.3041	59.8823	19.0702	2.31784
13800	5.4237	-1.3690	2.3200	60.1756	19.2243	2.33465
13900	5.4305	-1.3752	2.3365	60.4749	19.3842	2.35201
14000	5.4374	-1.3815	2.3536	60.7842	19.5538	2.36993
14100	5.4442	-1.3878	2.3711	61.0921	19.7219	2.38843
14200	5.4511	-1.3941	2.3892	61.4098	19.8996	2.40749
14300	5.4582	-1.4006	2.4078	61.7330	20.0826	2.42708

LOG P= 0.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14400	5.4653	-1.4070	2.4270	62.0625	20.2715	2.44727
14500	5.4724	-1.4135	2.4467	62.3974	20.4654	2.46800
14600	5.4796	-1.4201	2.4669	62.7373	20.6643	2.48923
14700	5.4868	-1.4267	2.4876	63.0830	20.8682	2.51104
14800	5.4941	-1.4333	2.5088	63.4336	21.0766	2.53335
14900	5.5013	-1.4400	2.5305	63.7889	21.2891	2.55616
15000	5.5086	-1.4467	2.5526	64.1485	21.5057	2.57945

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8381	0.9412	0.9866	19.7342	3.4437	1.00000
300	3.0192	0.7595	0.9994	21.1607	3.4840	1.00000
400	3.1463	0.6333	1.0023	22.1711	3.5015	1.00000
500	3.2448	0.5361	1.0031	22.9566	3.5142	1.00000
600	3.3252	0.4569	1.0032	23.5998	3.5239	1.00000
700	3.3931	0.3900	1.0030	24.1458	3.5321	1.00000
800	3.4554	0.3321	1.0027	24.7225	3.5669	1.00000
900	3.5100	0.2811	1.0025	25.1724	3.5951	1.00000
1000	3.5592	0.2354	1.0023	25.5838	3.6237	1.00000
1100	3.6041	0.1941	1.0021	25.9607	3.6539	1.00000
1200	3.6455	0.1564	1.0019	26.3101	3.6840	1.00000
1300	3.6837	0.1217	1.0018	26.6357	3.7135	1.00000
1400	3.7192	0.0896	1.0017	26.9405	3.7421	1.00000
1500	3.7524	0.0596	1.0016	27.2270	3.7695	1.00000
1600	3.7834	0.0316	1.0015	27.4972	3.7956	1.00000
1700	3.8126	0.0053	1.0014	27.7529	3.8204	1.00000
1800	3.8400	-0.0195	1.0014	27.9954	3.8439	1.00000
1900	3.8660	-0.0429	1.0013	28.2262	3.8662	1.00000
2000	3.8919	-0.0652	1.0013	28.4591	3.8985	1.00000
2100	3.9154	-0.0863	1.0012	28.6707	3.9191	1.00000
2200	3.9379	-0.1065	1.0012	28.8732	3.9395	1.00000
2300	3.9592	-0.1258	1.0011	29.0675	3.9578	1.00000
2400	3.9796	-0.1443	1.0011	29.2541	3.9753	1.00000
2500	3.9992	-0.1620	1.0010	29.4338	3.9929	1.00000
2600	4.0180	-0.1790	1.0010	29.6067	4.0088	1.00000
2700	4.0360	-0.1954	1.0009	29.7736	4.0236	1.00000
2800	4.0534	-0.2112	1.0009	29.9348	4.0388	1.00000
2900	4.0701	-0.2264	1.0009	30.0907	4.0527	1.00000
3000	4.0862	-0.2411	1.0009	30.2416	4.0656	1.00000
3100	4.1019	-0.2553	1.0008	30.3879	4.0789	1.00000
3200	4.1170	-0.2691	1.0008	30.5298	4.0908	1.00001
3300	4.1316	-0.2825	1.0008	30.6678	4.1026	1.00001
3400	4.1458	-0.2954	1.0008	30.8018	4.1147	1.00002
3500	4.1595	-0.3080	1.0008	30.9325	4.1253	1.00004
3600	4.1729	-0.3202	1.0008	31.0599	4.1366	1.00007
3700	4.1859	-0.3321	1.0008	31.1844	4.1470	1.00011
3800	4.1988	-0.3437	1.0008	31.3063	4.1588	1.00016
3900	4.2112	-0.3551	1.0009	31.4258	4.1701	1.00024
4000	4.2234	-0.3661	1.0010	31.5433	4.1814	1.00035
4100	4.2354	-0.3769	1.0011	31.6593	4.1940	1.00049
4200	4.2473	-0.3874	1.0013	31.7740	4.2073	1.00070
4300	4.2591	-0.3977	1.0015	31.8880	4.2227	1.00098
4400	4.2707	-0.4079	1.0019	32.0017	4.2387	1.00132
4500	4.2824	-0.4178	1.0023	32.1157	4.2578	1.00177

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.2940	-0.4276	1.0029	32.2305	4.2784	1.00236
4700	4.3058	-0.4373	1.0036	32.3470	4.3024	1.00310
4800	4.3177	-0.4468	1.0045	32.4656	4.3302	1.00402
4900	4.3299	-0.4563	1.0057	32.5872	4.3625	1.00516
5000	4.3423	-0.4656	1.0070	32.7126	4.3991	1.00655
5100	4.3547	-0.4750	1.0088	32.8359	4.4374	1.00827
5200	4.3679	-0.4843	1.0108	32.9717	4.4860	1.01032
5300	4.3816	-0.4936	1.0132	33.1146	4.5423	1.01277
5400	4.3958	-0.5030	1.0161	33.2654	4.6071	1.01569
5500	4.4107	-0.5124	1.0196	33.4254	4.6812	1.01914
5600	4.4263	-0.5219	1.0236	33.5954	4.7656	1.02318
5700	4.4426	-0.5316	1.0283	33.7768	4.8613	1.02789
5800	4.4597	-0.5415	1.0338	33.9709	4.9694	1.03337
5900	4.4777	-0.5515	1.0401	34.1792	5.0911	1.03969
6000	4.4965	-0.5618	1.0473	34.4028	5.2276	1.04693
6100	4.5161	-0.5724	1.0556	34.6431	5.3796	1.05518
6200	4.5366	-0.5833	1.0649	34.9016	5.5488	1.06454
6300	4.5580	-0.5946	1.0755	35.1799	5.7363	1.07512
6400	4.5802	-0.6062	1.0874	35.4794	5.9434	1.08702
6500	4.6033	-0.6182	1.1007	35.8015	6.1712	1.10034
6600	4.6271	-0.6306	1.1155	36.1477	6.4210	1.11518
6700	4.6517	-0.6435	1.1320	36.5190	6.6933	1.13163
6800	4.6769	-0.6569	1.1501	36.9161	6.9888	1.14980
6900	4.7027	-0.6707	1.1701	37.3401	7.3081	1.16973
7000	4.7288	-0.6849	1.1918	37.7910	7.6511	1.19150
7100	4.7553	-0.6996	1.2155	38.2691	8.0176	1.21515
7200	4.7820	-0.7147	1.2410	38.7737	8.4071	1.24069
7300	4.8087	-0.7302	1.2684	39.3042	8.8185	1.26807
7400	4.8354	-0.7460	1.2976	39.8590	9.2500	1.29727
7500	4.8618	-0.7620	1.3285	40.4359	9.6993	1.32815
7600	4.8879	-0.7782	1.3609	41.0319	10.1634	1.36057
7700	4.9134	-0.7946	1.3946	41.6435	10.6387	1.39430
7800	4.9382	-0.8109	1.4294	42.2668	11.1211	1.42913
7900	4.9623	-0.8271	1.4650	42.8967	11.6059	1.46473
8000	4.9854	-0.8431	1.5011	43.5282	12.0877	1.50077
8100	5.0075	-0.8588	1.5372	44.1554	12.5615	1.53688
8200	5.0285	-0.8741	1.5730	44.7730	13.0218	1.57269
8300	5.0483	-0.8890	1.6081	45.3760	13.4640	1.60784
8400	5.0668	-0.9033	1.6422	45.9593	13.8834	1.64198
8500	5.0840	-0.9171	1.6751	46.5189	14.2762	1.67481
8600	5.1000	-0.9302	1.7063	47.0519	14.6400	1.70609
8700	5.1148	-0.9426	1.7358	47.5558	14.9728	1.73562
8800	5.1284	-0.9545	1.7635	48.0293	15.2733	1.76326
8900	5.1409	-0.9656	1.7891	48.4719	15.5417	1.78893
9000	5.1523	-0.9762	1.8128	48.8838	15.7787	1.81263
9100	5.1628	-0.9862	1.8345	49.2661	15.9854	1.83438
9200	5.1723	-0.9956	1.8544	49.6203	16.1637	1.85424
9300	5.1811	-1.0045	1.8724	49.9480	16.3160	1.87232
9400	5.1892	-1.0129	1.8888	50.2518	16.4446	1.88876
9500	5.1966	-1.0209	1.9037	50.5337	16.5519	1.90367
9600	5.2034	-1.0285	1.9172	50.7960	16.6405	1.91722
9700	5.2098	-1.0358	1.9295	51.0410	16.7127	1.92954
9800	5.2158	-1.0428	1.9406	51.2706	16.7704	1.94076
9900	5.2214	-1.0495	1.9508	51.4870	16.8164	1.95100
10000	5.2267	-1.0559	1.9602	51.6918	16.8521	1.96042

LOG P= 0.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	5.2317	-1.0621	1.9688	51.8869	16.8793	1.96911
10200	5.2366	-1.0682	1.9771	52.0778	16.9041	1.97750
10300	5.2412	-1.0741	1.9846	52.2576	16.9190	1.98505
10400	5.2457	-1.0798	1.9916	52.4317	16.9295	1.99218
10500	5.2500	-1.0854	1.9983	52.6013	16.9371	1.99895
10600	5.2543	-1.0910	2.0047	52.7678	16.9430	2.00549
10700	5.2585	-1.0964	2.0109	52.9317	16.9477	2.01181
10800	5.2627	-1.1017	2.0170	53.0939	16.9522	2.01799
10900	5.2668	-1.1070	2.0229	53.2550	16.9572	2.02411
11000	5.2709	-1.1122	2.0288	53.4158	16.9630	2.03018
11100	5.2750	-1.1174	2.0347	53.5769	16.9706	2.03626
11200	5.2792	-1.1226	2.0407	53.7386	16.9800	2.04239
11300	5.2833	-1.1277	2.0467	53.9014	16.9918	2.04858
11400	5.2875	-1.1329	2.0528	54.0658	17.0064	2.05491
11500	5.2918	-1.1380	2.0591	54.2325	17.0245	2.06140
11600	5.2961	-1.1431	2.0655	54.4011	17.0456	2.06804
11700	5.3004	-1.1482	2.0721	54.5726	17.0705	2.07490
11800	5.3049	-1.1533	2.0788	54.7469	17.0995	2.08199
11900	5.3094	-1.1584	2.0859	54.9245	17.1327	2.08933
12000	5.3140	-1.1636	2.0932	55.1056	17.1703	2.09695
12100	5.3186	-1.1688	2.1007	55.2903	17.2123	2.10486
12200	5.3234	-1.1740	2.1086	55.4789	17.2591	2.11309
12300	5.3282	-1.1792	2.1168	55.6718	17.3109	2.12164
12400	5.3332	-1.1844	2.1253	55.8687	17.3674	2.13055
12500	5.3382	-1.1897	2.1341	56.0703	17.4292	2.13982
12600	5.3433	-1.1951	2.1433	56.2764	17.4961	2.14949
12700	5.3485	-1.2004	2.1529	56.4875	17.5687	2.15955
12800	5.3539	-1.2058	2.1628	56.7033	17.6464	2.17002
12900	5.3593	-1.2113	2.1732	56.9243	17.7298	2.18092
13000	5.3648	-1.2168	2.1839	57.1503	17.8185	2.19225
13100	5.3704	-1.2223	2.1951	57.3816	17.9131	2.20403
13200	5.3762	-1.2279	2.2067	57.6183	18.0131	2.21628
13300	5.3820	-1.2336	2.2188	57.8604	18.1188	2.22900
13400	5.3879	-1.2393	2.2313	58.1081	18.2303	2.24221
13500	5.3939	-1.2450	2.2443	58.3615	18.3479	2.25591
13600	5.4000	-1.2508	2.2577	58.6204	18.4711	2.27012
13700	5.4062	-1.2567	2.2716	58.8850	18.5997	2.28482
13800	5.4125	-1.2626	2.2860	59.1552	18.7342	2.30005
13900	5.4189	-1.2685	2.3009	59.4310	18.8744	2.31578
14000	5.4254	-1.2745	2.3163	59.7159	19.0233	2.33204
14100	5.4319	-1.2806	2.3322	59.9998	19.1714	2.34883
14200	5.4385	-1.2867	2.3486	60.2928	19.3283	2.36616
14300	5.4452	-1.2928	2.3654	60.5911	19.4904	2.38400
14400	5.4519	-1.2991	2.3828	60.8952	19.6581	2.40238
14500	5.4587	-1.3053	2.4007	61.2046	19.8308	2.42129
14600	5.4656	-1.3116	2.4190	61.5188	20.0081	2.44068
14700	5.4725	-1.3179	2.4379	61.8387	20.1909	2.46063
14800	5.4794	-1.3243	2.4572	62.1636	20.3782	2.48108
14900	5.4864	-1.3307	2.4770	62.4931	20.5697	2.50201
15000	5.4934	-1.3372	2.4973	62.8271	20.7656	2.52342

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8364	1.0428	0.9830	19.4941	3.4308	1.00000

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.0187	0.8596	0.9992	20.9268	3.4802	1.00000
400	3.1461	0.7331	1.0029	21.9386	3.4999	1.00000
500	3.2447	0.6358	1.0038	22.7251	3.5138	1.00000
600	3.3252	0.5566	1.0039	23.3688	3.5239	1.00000
700	3.3932	0.4897	1.0038	23.9153	3.5327	1.00000
800	3.4554	0.4318	1.0034	24.4921	3.5674	1.00000
900	3.5100	0.3808	1.0031	24.9420	3.5956	1.00000
1000	3.5592	0.3352	1.0028	25.3535	3.6242	1.00000
1100	3.6042	0.2939	1.0026	25.7304	3.6544	1.00000
1200	3.6456	0.2562	1.0024	26.0798	3.6844	1.00000
1300	3.6838	0.2215	1.0023	26.4053	3.7139	1.00000
1400	3.7193	0.1894	1.0021	26.7102	3.7424	1.00000
1500	3.7524	0.1595	1.0020	26.9967	3.7698	1.00000
1600	3.7834	0.1315	1.0019	27.2669	3.7959	1.00000
1700	3.8126	0.1052	1.0018	27.5226	3.8207	1.00000
1800	3.8401	0.0804	1.0017	27.7651	3.8442	1.00000
1900	3.8661	0.0570	1.0016	27.9958	3.8664	1.00000
2000	3.8920	0.0347	1.0016	28.2287	3.8988	1.00000
2100	3.9154	0.0135	1.0015	28.4405	3.9194	1.00000
2200	3.9379	-0.0066	1.0015	28.6429	3.9398	1.00000
2300	3.9592	-0.0259	1.0014	28.8373	3.9581	1.00000
2400	3.9796	-0.0444	1.0013	29.0239	3.9756	1.00000
2500	3.9993	-0.0621	1.0013	29.2035	3.9932	1.00000
2600	4.0180	-0.0791	1.0012	29.3764	4.0090	1.00000
2700	4.0360	-0.0955	1.0012	29.5433	4.0239	1.00000
2800	4.0534	-0.1112	1.0011	29.7045	4.0391	1.00000
2900	4.0702	-0.1265	1.0011	29.8604	4.0529	1.00000
3000	4.0863	-0.1412	1.0011	30.0113	4.0658	1.00000
3100	4.1019	-0.1554	1.0010	30.1576	4.0790	1.00000
3200	4.1170	-0.1692	1.0010	30.2995	4.0909	1.00001
3300	4.1316	-0.1825	1.0010	30.4375	4.1028	1.00001
3400	4.1458	-0.1955	1.0010	30.5715	4.1148	1.00002
3500	4.1595	-0.2081	1.0009	30.7021	4.1253	1.00004
3600	4.1729	-0.2203	1.0009	30.8294	4.1365	1.00006
3700	4.1859	-0.2322	1.0009	30.9538	4.1468	1.00009
3800	4.1987	-0.2438	1.0010	31.0755	4.1584	1.00014
3900	4.2111	-0.2551	1.0010	31.1948	4.1695	1.00021
4000	4.2233	-0.2661	1.0011	31.3119	4.1805	1.00031
4100	4.2353	-0.2769	1.0012	31.4274	4.1926	1.00044
4200	4.2471	-0.2874	1.0014	31.5415	4.2053	1.00063
4300	4.2588	-0.2978	1.0016	31.6547	4.2200	1.00086
4400	4.2703	-0.3079	1.0019	31.7673	4.2350	1.00118
4500	4.2819	-0.3178	1.0023	31.8801	4.2529	1.00158
4600	4.2934	-0.3276	1.0028	31.9932	4.2721	1.00211
4700	4.3050	-0.3372	1.0034	32.1077	4.2941	1.00276
4800	4.3167	-0.3467	1.0042	32.2238	4.3196	1.00358
4900	4.3286	-0.3561	1.0052	32.3424	4.3492	1.00460
5000	4.3407	-0.3654	1.0065	32.4642	4.3824	1.00584
5100	4.3527	-0.3746	1.0080	32.5831	4.4167	1.00737
5200	4.3654	-0.3838	1.0098	32.7138	4.4606	1.00920
5300	4.3786	-0.3930	1.0120	32.8506	4.5114	1.01139
5400	4.3923	-0.4023	1.0146	32.9944	4.5698	1.01398
5500	4.4066	-0.4116	1.0176	33.1462	4.6366	1.01706
5600	4.4214	-0.4209	1.0212	33.3068	4.7124	1.02067
5700	4.4370	-0.4304	1.0254	33.4775	4.7984	1.02486

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5800	4.4532	-0.4400	1.0303	33.6592	4.8954	1.02975
5900	4.4702	-0.4498	1.0359	33.8535	5.0044	1.03538
6000	4.4880	-0.4598	1.0423	34.0613	5.1266	1.04183
6100	4.5066	-0.4700	1.0497	34.2840	5.2629	1.04919
6200	4.5259	-0.4805	1.0580	34.5227	5.4143	1.05754
6300	4.5462	-0.4913	1.0675	34.7791	5.5823	1.06699
6400	4.5672	-0.5024	1.0781	35.0544	5.7678	1.07761
6500	4.5890	-0.5139	1.0900	35.3499	5.9719	1.08951
6600	4.6116	-0.5258	1.1032	35.6671	6.1958	1.10278
6700	4.6350	-0.5381	1.1180	36.0070	6.4403	1.11752
6800	4.6590	-0.5508	1.1342	36.3703	6.7059	1.13381
6900	4.6835	-0.5640	1.1521	36.7581	6.9934	1.15171
7000	4.7086	-0.5775	1.1717	37.1708	7.3029	1.17131
7100	4.7340	-0.5915	1.1931	37.6087	7.6345	1.19265
7200	4.7598	-0.6059	1.2162	38.0718	7.9880	1.21577
7300	4.7857	-0.6207	1.2411	38.5598	8.3630	1.24067
7400	4.8117	-0.6359	1.2677	39.0721	8.7584	1.26734
7500	4.8375	-0.6513	1.2961	39.6070	9.1725	1.29571
7600	4.8632	-0.6670	1.3261	40.1626	9.6033	1.32569
7700	4.8886	-0.6828	1.3575	40.7362	10.0480	1.35711
7800	4.9134	-0.6988	1.3902	41.3248	10.5034	1.38982
7900	4.9377	-0.7147	1.4240	41.9246	10.9660	1.42358
8000	4.9612	-0.7306	1.4585	42.5313	11.4314	1.45811
8100	4.9839	-0.7463	1.4935	43.1401	11.8951	1.49310
8200	5.0056	-0.7617	1.5286	43.7460	12.3520	1.52823
8300	5.0262	-0.7768	1.5635	44.3443	12.7977	1.56318
8400	5.0458	-0.7914	1.5979	44.9300	13.2273	1.59758
8500	5.0641	-0.8056	1.6315	45.4987	13.6369	1.63114
8600	5.0813	-0.8192	1.6639	46.0463	14.0227	1.66354
8700	5.0973	-0.8323	1.6948	46.5699	14.3820	1.69454
8800	5.1122	-0.8447	1.7242	47.0669	14.7126	1.72395
8900	5.1259	-0.8565	1.7519	47.5359	15.0135	1.75161
9000	5.1385	-0.8677	1.7777	47.9762	15.2846	1.77745
9100	5.1501	-0.8783	1.8016	48.3877	15.5258	1.80141
9200	5.1607	-0.8883	1.8237	48.7711	15.7384	1.82352
9300	5.1705	-0.8978	1.8440	49.1276	15.9237	1.84382
9400	5.1795	-0.9068	1.8626	49.4587	16.0837	1.86241
9500	5.1878	-0.9154	1.8795	49.7664	16.2204	1.87937
9600	5.1954	-0.9235	1.8949	50.0527	16.3362	1.89484
9700	5.2025	-0.9312	1.9090	50.3194	16.4331	1.90893
9800	5.2091	-0.9385	1.9217	50.5685	16.5133	1.92178
9900	5.2152	-0.9456	1.9334	50.8021	16.5788	1.93349
10000	5.2209	-0.9523	1.9441	51.0221	16.6319	1.94421
10100	5.2264	-0.9588	1.9538	51.2300	16.6740	1.95406
10200	5.2316	-0.9652	1.9632	51.4328	16.7127	1.96352
10300	5.2365	-0.9712	1.9716	51.6215	16.7383	1.97194
10400	5.2413	-0.9772	1.9793	51.8029	16.7578	1.97980
10500	5.2458	-0.9829	1.9866	51.9780	16.7723	1.98718
10600	5.2502	-0.9885	1.9936	52.1485	16.7839	1.99422
10700	5.2545	-0.9941	2.0002	52.3150	16.7928	2.00094
10800	5.2587	-0.9995	2.0065	52.4785	16.7999	2.00742
10900	5.2629	-1.0048	2.0127	52.6398	16.8064	2.01374
11000	5.2670	-1.0101	2.0187	52.7996	16.8126	2.01994
11100	5.2711	-1.0153	2.0247	52.9584	16.8194	2.02605
11200	5.2752	-1.0205	2.0306	53.1171	16.8270	2.03215

LOG P= 0.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11300	5.2793	-1.0256	2.0365	53.2757	16.8361	2.03823
11400	5.2834	-1.0307	2.0424	53.4351	16.8472	2.04438
11500	5.2876	-1.0357	2.0485	53.5959	16.8608	2.05064
11600	5.2917	-1.0408	2.0546	53.7578	16.8767	2.05697
11700	5.2960	-1.0458	2.0608	53.9218	16.8957	2.06346
11800	5.3002	-1.0509	2.0672	54.0878	16.9177	2.07013
11900	5.3046	-1.0559	2.0738	54.2565	16.9437	2.07700
12000	5.3089	-1.0610	2.0806	54.4277	16.9731	2.08408
12100	5.3134	-1.0660	2.0875	54.6021	17.0064	2.09140
12200	5.3179	-1.0711	2.0948	54.7795	17.0437	2.09898
12300	5.3225	-1.0762	2.1023	54.9605	17.0854	2.10684
12400	5.3272	-1.0813	2.1100	55.1449	17.1313	2.11500
12500	5.3320	-1.0865	2.1181	55.3333	17.1820	2.12348
12600	5.3368	-1.0916	2.1264	55.5257	17.2371	2.13229
12700	5.3418	-1.0968	2.1351	55.7220	17.2971	2.14144
12800	5.3468	-1.1021	2.1441	55.9227	17.3618	2.15096
12900	5.3519	-1.1073	2.1535	56.1280	17.4316	2.16086
13000	5.3571	-1.1127	2.1632	56.3376	17.5065	2.17113
13100	5.3624	-1.1180	2.1733	56.5519	17.5862	2.18182
13200	5.3678	-1.1234	2.1838	56.7710	17.6712	2.19291
13300	5.3733	-1.1288	2.1947	56.9949	17.7616	2.20443
13400	5.3789	-1.1343	2.2060	57.2238	17.8569	2.21639
13500	5.3846	-1.1398	2.2177	57.4578	17.9578	2.22880
13600	5.3904	-1.1454	2.2298	57.6967	18.0639	2.24166
13700	5.3962	-1.1510	2.2424	57.9409	18.1753	2.25498
13800	5.4021	-1.1567	2.2553	58.1902	18.2920	2.26876
13900	5.4082	-1.1624	2.2688	58.4445	18.4138	2.28302
14000	5.4143	-1.1682	2.2826	58.7071	18.5438	2.29776
14100	5.4204	-1.1740	2.2970	58.9690	18.6732	2.31299
14200	5.4267	-1.1798	2.3118	59.2392	18.8110	2.32872
14300	5.4330	-1.1857	2.3270	59.5143	18.9536	2.34492
14400	5.4394	-1.1917	2.3428	59.7949	19.1016	2.36164
14500	5.4459	-1.1977	2.3590	60.0805	19.2545	2.37884
14600	5.4524	-1.2037	2.3756	60.3707	19.4118	2.39651
14700	5.4590	-1.2098	2.3927	60.6664	19.5744	2.41471
14800	5.4656	-1.2159	2.4103	60.9669	19.7417	2.43339
14900	5.4723	-1.2221	2.4283	61.2720	19.9133	2.45254
15000	5.4791	-1.2283	2.4468	61.5815	20.0891	2.47216

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8343	1.1449	0.9783	19.2500	3.4138	1.00000
300	3.0181	0.9597	0.9990	20.6919	3.4754	1.00000
400	3.1459	0.8328	1.0035	21.7058	3.4980	1.00000
500	3.2447	0.7354	1.0047	22.4934	3.5133	1.00000
600	3.3252	0.6561	1.0049	23.1375	3.5240	1.00000
700	3.3933	0.5893	1.0047	23.6846	3.5332	1.00000
800	3.4555	0.5315	1.0043	24.2617	3.5681	1.00000
900	3.5101	0.4805	1.0039	24.7116	3.5963	1.00000
1000	3.5593	0.4349	1.0036	25.1231	3.6248	1.00000
1100	3.6043	0.3936	1.0033	25.5001	3.6550	1.00000
1200	3.6456	0.3559	1.0031	25.8495	3.6850	1.00000
1300	3.6838	0.3212	1.0029	26.1750	3.7144	1.00000
1400	3.7193	0.2891	1.0027	26.4799	3.7429	1.00000

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1500	3.7525	0.2592	1.0025	26.7664	3.7703	1.00000
1600	3.7835	0.2313	1.0024	27.0366	3.7964	1.00000
1700	3.8126	0.2050	1.0023	27.2923	3.8211	1.00000
1800	3.8401	0.1802	1.0021	27.5348	3.8445	1.00000
1900	3.8661	0.1568	1.0020	27.7654	3.8668	1.00000
2000	3.8920	0.1345	1.0020	27.9984	3.8991	1.00000
2100	3.9155	0.1134	1.0019	28.2102	3.9197	1.00000
2200	3.9379	0.0932	1.0018	28.4126	3.9401	1.00000
2300	3.9592	0.0739	1.0017	28.6069	3.9584	1.00000
2400	3.9797	0.0555	1.0017	28.7936	3.9760	1.00000
2500	3.9993	0.0378	1.0016	28.9733	3.9935	1.00000
2600	4.0180	0.0208	1.0015	29.1461	4.0094	1.00000
2700	4.0360	0.0044	1.0015	29.3130	4.0242	1.00000
2800	4.0535	-0.0114	1.0014	29.4743	4.0394	1.00000
2900	4.0702	-0.0266	1.0014	29.6301	4.0532	1.00000
3000	4.0863	-0.0413	1.0013	29.7811	4.0661	1.00000
3100	4.1019	-0.0555	1.0013	29.9274	4.0793	1.00000
3200	4.1170	-0.0693	1.0013	30.0693	4.0912	1.00001
3300	4.1316	-0.0826	1.0012	30.2072	4.1030	1.00001
3400	4.1458	-0.0956	1.0012	30.3411	4.1149	1.00002
3500	4.1595	-0.1082	1.0012	30.4717	4.1255	1.00003
3600	4.1729	-0.1204	1.0012	30.5989	4.1365	1.00005
3700	4.1859	-0.1323	1.0012	30.7232	4.1467	1.00008
3800	4.1987	-0.1439	1.0012	30.8448	4.1582	1.00013
3900	4.2111	-0.1552	1.0012	30.9638	4.1690	1.00019
4000	4.2232	-0.1662	1.0013	31.0806	4.1797	1.00028
4100	4.2351	-0.1770	1.0014	31.1957	4.1914	1.00040
4200	4.2469	-0.1875	1.0015	31.3092	4.2036	1.00056
4300	4.2585	-0.1978	1.0017	31.4217	4.2177	1.00077
4400	4.2700	-0.2079	1.0019	31.5334	4.2318	1.00105
4500	4.2815	-0.2178	1.0023	31.6450	4.2486	1.00142
4600	4.2928	-0.2275	1.0027	31.7567	4.2664	1.00188
4700	4.3042	-0.2371	1.0033	31.8693	4.2869	1.00246
4800	4.3157	-0.2466	1.0040	31.9832	4.3103	1.00320
4900	4.3274	-0.2559	1.0049	32.0991	4.3374	1.00410
5000	4.3392	-0.2652	1.0060	32.2177	4.3677	1.00520
5100	4.3509	-0.2743	1.0073	32.3327	4.3984	1.00657
5200	4.3632	-0.2835	1.0089	32.4588	4.4381	1.00820
5300	4.3759	-0.2926	1.0109	32.5903	4.4841	1.01015
5400	4.3891	-0.3017	1.0132	32.7278	4.5368	1.01247
5500	4.4028	-0.3108	1.0159	32.8724	4.5969	1.01520
5600	4.4170	-0.3200	1.0191	33.0245	4.6651	1.01842
5700	4.4319	-0.3293	1.0228	33.1856	4.7423	1.02216
5800	4.4473	-0.3387	1.0272	33.3564	4.8294	1.02651
5900	4.4635	-0.3482	1.0322	33.5382	4.9272	1.03153
6000	4.4803	-0.3579	1.0379	33.7319	5.0367	1.03729
6100	4.4979	-0.3678	1.0445	33.9387	5.1587	1.04385
6200	4.5162	-0.3780	1.0519	34.1599	5.2944	1.05130
6300	4.5353	-0.3884	1.0603	34.3967	5.4448	1.05973
6400	4.5552	-0.3991	1.0698	34.6503	5.6109	1.06922
6500	4.5759	-0.4101	1.0804	34.9220	5.7938	1.07985
6600	4.5973	-0.4215	1.0923	35.2131	5.9945	1.09170
6700	4.6194	-0.4332	1.1055	35.5246	6.2139	1.10489
6800	4.6422	-0.4453	1.1200	35.8572	6.4524	1.11947
6900	4.6656	-0.4579	1.1361	36.2121	6.7108	1.13552

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7000	4.6895	-0.4708	1.1537	36.5897	6.9895	1.15313
7100	4.7139	-0.4841	1.1729	36.9906	7.2888	1.17235
7200	4.7386	-0.4978	1.1937	37.4150	7.6087	1.19322
7300	4.7636	-0.5120	1.2163	37.8631	7.9491	1.21577
7400	4.7888	-0.5264	1.2405	38.3344	8.3094	1.24000
7500	4.8140	-0.5412	1.2664	38.8281	8.6887	1.26591
7600	4.8392	-0.5563	1.2939	39.3431	9.0854	1.29342
7700	4.8641	-0.5716	1.3229	39.8773	9.4978	1.32245
7800	4.8888	-0.5871	1.3534	40.4287	9.9235	1.35287
7900	4.9130	-0.6027	1.3850	40.9946	10.3598	1.38454
8000	4.9366	-0.6183	1.4177	41.5716	10.8031	1.41723
8100	4.9596	-0.6338	1.4512	42.1558	11.2499	1.45070
8200	4.9818	-0.6492	1.4851	42.7428	11.6957	1.48467
8300	5.0032	-0.6643	1.5193	43.3282	12.1363	1.51885
8400	5.0235	-0.6791	1.5534	43.9074	12.5673	1.55292
8500	5.0428	-0.6936	1.5870	44.4762	12.9845	1.58658
8600	5.0611	-0.7076	1.6199	45.0301	13.3842	1.61952
8700	5.0782	-0.7211	1.6519	45.5657	13.7628	1.65146
8800	5.0942	-0.7341	1.6826	46.0798	14.1174	1.68219
8900	5.1091	-0.7464	1.7118	46.5699	14.4462	1.71146
9000	5.1230	-0.7583	1.7395	47.0345	14.7477	1.73914
9100	5.1357	-0.7695	1.7655	47.4724	15.0211	1.76513
9200	5.1475	-0.7802	1.7897	47.8835	15.2667	1.78938
9300	5.1584	-0.7903	1.8121	48.2682	15.4850	1.81186
9400	5.1684	-0.7999	1.8329	48.6271	15.6772	1.83262
9500	5.1776	-0.8089	1.8519	48.9614	15.8447	1.85170
9600	5.1861	-0.8176	1.8694	49.2730	15.9898	1.86920
9700	5.1940	-0.8258	1.8853	49.5634	16.1139	1.88521
9800	5.2013	-0.8336	1.8999	49.8343	16.2191	1.89986
9900	5.2080	-0.8410	1.9133	50.0878	16.3075	1.91323
10000	5.2143	-0.8481	1.9254	50.3256	16.3809	1.92547
10100	5.2203	-0.8550	1.9366	50.5493	16.4413	1.93668
10200	5.2260	-0.8616	1.9473	50.7667	16.4971	1.94744
10300	5.2313	-0.8680	1.9567	50.9673	16.5365	1.95694
10400	5.2363	-0.8741	1.9654	51.1585	16.5677	1.96574
10500	5.2411	-0.8800	1.9735	51.3418	16.5923	1.97394
10600	5.2457	-0.8858	1.9811	51.5188	16.6120	1.98167
10700	5.2502	-0.8915	1.9883	51.6903	16.6275	1.98897
10800	5.2546	-0.8970	1.9952	51.8573	16.6396	1.99592
10900	5.2588	-0.9024	2.0017	52.0209	16.6498	2.00261
11000	5.2630	-0.9078	2.0080	52.1816	16.6585	2.00908
11100	5.2672	-0.9130	2.0142	52.3403	16.6664	2.01538
11200	5.2713	-0.9182	2.0202	52.4978	16.6743	2.02159
11300	5.2753	-0.9234	2.0261	52.6541	16.6823	2.02770
11400	5.2794	-0.9284	2.0321	52.8103	16.6917	2.03380
11500	5.2835	-0.9335	2.0380	52.9671	16.7025	2.03994
11600	5.2876	-0.9385	2.0439	53.1240	16.7148	2.04610
11700	5.2917	-0.9435	2.0499	53.2823	16.7295	2.05235
11800	5.2958	-0.9485	2.0560	53.4418	16.7464	2.05872
11900	5.3000	-0.9535	2.0622	53.6031	16.7665	2.06523
12000	5.3042	-0.9585	2.0686	53.7663	16.7893	2.07189
12100	5.3085	-0.9634	2.0751	53.9319	16.8154	2.07873
12200	5.3128	-0.9684	2.0819	54.0999	16.8447	2.08579
12300	5.3172	-0.9734	2.0888	54.2708	16.8780	2.09308
12400	5.3217	-0.9784	2.0959	54.4444	16.9149	2.10061

LOG P= 1.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12500	5.3262	-0.9834	2.1033	54.6214	16.9558	2.10841
12600	5.3308	-0.9885	2.1110	54.8017	17.0008	2.11649
12700	5.3355	-0.9935	2.1189	54.9854	17.0499	2.12487
12800	5.3403	-0.9986	2.1271	55.1728	17.1034	2.13355
12900	5.3451	-1.0037	2.1356	55.3642	17.1614	2.14258
13000	5.3501	-1.0089	2.1444	55.5593	17.2238	2.15193
13100	5.3551	-1.0140	2.1536	55.7584	17.2907	2.16164
13200	5.3602	-1.0193	2.1631	55.9619	17.3624	2.17172
13300	5.3654	-1.0245	2.1729	56.1696	17.4388	2.18217
13400	5.3706	-1.0298	2.1831	56.3816	17.5199	2.19302
13500	5.3760	-1.0351	2.1937	56.5982	17.6058	2.20426
13600	5.3814	-1.0405	2.2046	56.8192	17.6969	2.21592
13700	5.3870	-1.0459	2.2159	57.0450	17.7925	2.22798
13800	5.3926	-1.0513	2.2277	57.2752	17.8931	2.24048
13900	5.3982	-1.0568	2.2398	57.5100	17.9984	2.25340
14000	5.4041	-1.0624	2.2523	57.7524	18.1113	2.26676
14100	5.4099	-1.0679	2.2652	57.9943	18.2239	2.28057
14200	5.4158	-1.0736	2.2786	58.2436	18.3440	2.29484
14300	5.4218	-1.0792	2.2924	58.4976	18.4689	2.30955
14400	5.4278	-1.0849	2.3066	58.7566	18.5987	2.32473
14500	5.4340	-1.0907	2.3212	59.0202	18.7331	2.34037
14600	5.4402	-1.0965	2.3363	59.2882	18.8720	2.35644
14700	5.4464	-1.1023	2.3518	59.5613	19.0157	2.37301
14800	5.4527	-1.1082	2.3677	59.8390	19.1640	2.39004
14900	5.4591	-1.1141	2.3841	60.1210	19.3163	2.40750
15000	5.4655	-1.1201	2.4009	60.4075	19.4732	2.42543

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8316	1.2474	0.9727	19.0038	3.3929	1.00000
300	3.0174	1.0599	0.9986	20.4560	3.4695	1.00000
400	3.1456	0.9325	1.0043	21.4724	3.4958	1.00000
500	3.2446	0.8350	1.0057	22.2613	3.5127	1.00000
600	3.3252	0.7556	1.0060	22.9061	3.5241	1.00000
700	3.3933	0.6888	1.0058	23.4536	3.5336	1.00000
800	3.4556	0.6310	1.0054	24.0311	3.5689	1.00000
900	3.5102	0.5800	1.0049	24.4812	3.5971	1.00000
1000	3.5594	0.5345	1.0045	24.8927	3.6256	1.00000
1100	3.6044	0.4932	1.0042	25.2697	3.6557	1.00000
1200	3.6457	0.4556	1.0039	25.6191	3.6857	1.00000
1300	3.6839	0.4209	1.0036	25.9447	3.7151	1.00000
1400	3.7194	0.3888	1.0034	26.2495	3.7436	1.00000
1500	3.7525	0.3589	1.0032	26.5361	3.7709	1.00000
1600	3.7836	0.3310	1.0030	26.8063	3.7969	1.00000
1700	3.8127	0.3047	1.0028	27.0621	3.8217	1.00000
1800	3.8402	0.2800	1.0027	27.3044	3.8450	1.00000
1900	3.8662	0.2566	1.0026	27.5351	3.8672	1.00000
2000	3.8920	0.2343	1.0024	27.7681	3.8996	1.00000
2100	3.9155	0.2132	1.0023	27.9799	3.9202	1.00000
2200	3.9380	0.1930	1.0022	28.1823	3.9406	1.00000
2300	3.9593	0.1738	1.0022	28.3766	3.9588	1.00000
2400	3.9797	0.1553	1.0021	28.5633	3.9764	1.00000
2500	3.9993	0.1376	1.0020	28.7430	3.9939	1.00000
2600	4.0181	0.1206	1.0019	28.9158	4.0097	1.00000

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2700	4.0361	0.1042	1.0019	29.0827	4.0246	1.00000
2800	4.0535	0.0885	1.0018	29.2440	4.0397	1.00000
2900	4.0702	0.0733	1.0017	29.3998	4.0535	1.00000
3000	4.0863	0.0586	1.0017	29.5508	4.0664	1.00000
3100	4.1020	0.0443	1.0016	29.6971	4.0796	1.00000
3200	4.1170	0.0306	1.0016	29.8389	4.0915	1.00001
3300	4.1316	0.0172	1.0015	29.9768	4.1032	1.00001
3400	4.1459	0.0043	1.0015	30.1108	4.1152	1.00002
3500	4.1596	-0.0083	1.0015	30.2413	4.1256	1.00003
3600	4.1729	-0.0205	1.0014	30.3684	4.1366	1.00005
3700	4.1859	-0.0324	1.0014	30.4926	4.1467	1.00007
3800	4.1987	-0.0440	1.0014	30.6140	4.1580	1.00012
3900	4.2111	-0.0553	1.0015	30.7329	4.1687	1.00017
4000	4.2231	-0.0663	1.0015	30.8494	4.1791	1.00025
4100	4.2351	-0.0771	1.0016	30.9641	4.1905	1.00035
4200	4.2467	-0.0876	1.0017	31.0772	4.2022	1.00050
4300	4.2583	-0.0979	1.0018	31.1889	4.2157	1.00069
4400	4.2697	-0.1079	1.0021	31.3000	4.2291	1.00094
4500	4.2811	-0.1178	1.0024	31.4104	4.2449	1.00126
4600	4.2923	-0.1275	1.0027	31.5209	4.2615	1.00167
4700	4.3036	-0.1371	1.0032	31.6319	4.2804	1.00219
4800	4.3149	-0.1465	1.0039	31.7438	4.3020	1.00285
4900	4.3264	-0.1558	1.0047	31.8572	4.3268	1.00365
5000	4.3379	-0.1650	1.0056	31.9729	4.3545	1.00464
5100	4.3493	-0.1741	1.0068	32.0846	4.3821	1.00585
5200	4.3612	-0.1832	1.0082	32.2066	4.4181	1.00731
5300	4.3736	-0.1922	1.0100	32.3333	4.4597	1.00905
5400	4.3863	-0.2012	1.0120	32.4652	4.5073	1.01111
5500	4.3995	-0.2102	1.0144	32.6033	4.5615	1.01355
5600	4.4131	-0.2192	1.0173	32.7480	4.6229	1.01642
5700	4.4273	-0.2283	1.0206	32.9005	4.6924	1.01976
5800	4.4420	-0.2375	1.0245	33.0615	4.7706	1.02363
5900	4.4573	-0.2468	1.0289	33.2320	4.8584	1.02810
6000	4.4733	-0.2563	1.0340	33.4133	4.9566	1.03324
6100	4.4900	-0.2659	1.0399	33.6059	5.0659	1.03908
6200	4.5073	-0.2757	1.0465	33.8113	5.1875	1.04574
6300	4.5254	-0.2858	1.0540	34.0306	5.3222	1.05325
6400	4.5442	-0.2961	1.0625	34.2648	5.4709	1.06171
6500	4.5638	-0.3067	1.0719	34.5151	5.6347	1.07120
6600	4.5841	-0.3176	1.0825	34.7828	5.8147	1.08180
6700	4.6050	-0.3288	1.0943	35.0687	6.0113	1.09358
6800	4.6267	-0.3404	1.1073	35.3737	6.2252	1.10663
6900	4.6489	-0.3523	1.1217	35.6988	6.4574	1.12101
7000	4.6717	-0.3647	1.1375	36.0444	6.7080	1.13680
7100	4.6950	-0.3773	1.1547	36.4114	6.9775	1.15406
7200	4.7186	-0.3904	1.1735	36.8000	7.2662	1.17285
7300	4.7427	-0.4039	1.1939	37.2108	7.5741	1.19321
7400	4.7669	-0.4177	1.2158	37.6436	7.9013	1.21515
7500	4.7914	-0.4318	1.2393	38.0979	8.2469	1.23870
7600	4.8158	-0.4463	1.2644	38.5733	8.6102	1.26382
7700	4.8402	-0.4611	1.2911	39.0686	8.9899	1.29046
7800	4.8645	-0.4760	1.3192	39.5821	9.3845	1.31855
7900	4.8885	-0.4911	1.3486	40.1121	9.7918	1.34798
8000	4.9121	-0.5063	1.3792	40.6558	10.2091	1.37859
8100	4.9352	-0.5216	1.4108	41.2103	10.6338	1.41021

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8200	4.9577	-0.5367	1.4432	41.7722	11.0622	1.44260
8300	4.9794	-0.5518	1.4761	42.3376	11.4906	1.47554
8400	5.0004	-0.5667	1.5093	42.9025	11.9152	1.50874
8500	5.0205	-0.5812	1.5425	43.4631	12.3321	1.54194
8600	5.0396	-0.5955	1.5754	44.0149	12.7371	1.57483
8700	5.0577	-0.6093	1.6077	44.5543	13.1270	1.60716
8800	5.0748	-0.6227	1.6391	45.0778	13.4980	1.63864
8900	5.0908	-0.6356	1.6695	45.5821	13.8478	1.66903
9000	5.1057	-0.6479	1.6986	46.0650	14.1740	1.69814
9100	5.1197	-0.6597	1.7262	46.5244	14.4751	1.72579
9200	5.1326	-0.6710	1.7523	46.9595	14.7506	1.75190
9300	5.1446	-0.6817	1.7768	47.3698	14.9999	1.77638
9400	5.1557	-0.6919	1.7996	47.7551	15.2238	1.79921
9500	5.1659	-0.7016	1.8207	48.1161	15.4226	1.82041
9600	5.1753	-0.7108	1.8403	48.4538	15.5979	1.84000
9700	5.1841	-0.7195	1.8583	48.7694	15.7511	1.85805
9800	5.1922	-0.7278	1.8748	49.0642	15.8837	1.87464
9900	5.1997	-0.7357	1.8900	49.3398	15.9975	1.88986
10000	5.2067	-0.7433	1.9039	49.5979	16.0942	1.90381
10100	5.2132	-0.7505	1.9166	49.8400	16.1758	1.91659
10200	5.2195	-0.7575	1.9288	50.0751	16.2518	1.92887
10300	5.2252	-0.7641	1.9395	50.2902	16.3079	1.93966
10400	5.2307	-0.7705	1.9494	50.4940	16.3538	1.94961
10500	5.2358	-0.7767	1.9585	50.6880	16.3912	1.95883
10600	5.2407	-0.7827	1.9671	50.8741	16.4218	1.96745
10700	5.2455	-0.7886	1.9750	51.0531	16.4465	1.97552
10800	5.2500	-0.7942	1.9825	51.2259	16.4661	1.98312
10900	5.2545	-0.7998	1.9896	51.3941	16.4825	1.99036
11000	5.2588	-0.8052	1.9964	51.5581	16.4957	1.99727
11100	5.2630	-0.8106	2.0029	51.7188	16.5071	2.00393
11200	5.2672	-0.8158	2.0092	51.8770	16.5173	2.01040
11300	5.2713	-0.8210	2.0153	52.0330	16.5265	2.01668
11400	5.2753	-0.8261	2.0213	52.1880	16.5359	2.02289
11500	5.2794	-0.8312	2.0273	52.3425	16.5459	2.02905
11600	5.2834	-0.8362	2.0332	52.4963	16.5566	2.03516
11700	5.2875	-0.8412	2.0391	52.6507	16.5686	2.04132
11800	5.2915	-0.8462	2.0450	52.8053	16.5821	2.04749
11900	5.2956	-0.8511	2.0510	52.9610	16.5979	2.05377
12000	5.2997	-0.8560	2.0571	53.1179	16.6158	2.06013
12100	5.3038	-0.8610	2.0633	53.2764	16.6363	2.06663
12200	5.3080	-0.8659	2.0696	53.4366	16.6596	2.07329
12300	5.3123	-0.8708	2.0761	53.5990	16.6859	2.08012
12400	5.3165	-0.8757	2.0828	53.7636	16.7153	2.08713
12500	5.3209	-0.8806	2.0896	53.9308	16.7480	2.09437
12600	5.3253	-0.8855	2.0967	54.1007	16.7843	2.10184
12700	5.3297	-0.8904	2.1040	54.2735	16.8243	2.10956
12800	5.3343	-0.8954	2.1115	54.4493	16.8680	2.11754
12900	5.3389	-0.9004	2.1192	54.6284	16.9157	2.12581
13000	5.3436	-0.9054	2.1273	54.8109	16.9674	2.13436
13100	5.3483	-0.9104	2.1356	54.9967	17.0230	2.14323
13200	5.3531	-0.9154	2.1442	55.1863	17.0828	2.15241
13300	5.3580	-0.9205	2.1531	55.3796	17.1469	2.16193
13400	5.3630	-0.9256	2.1624	55.5766	17.2153	2.17179
13500	5.3681	-0.9308	2.1719	55.7777	17.2881	2.18200
13600	5.3732	-0.9360	2.1818	55.9827	17.3652	2.19259

LOG P= 1.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13700	5.3784	-0.9412	2.1921	56.1919	17.4469	2.20354
13800	5.3837	-0.9464	2.2026	56.4052	17.5330	2.21487
13900	5.3891	-0.9517	2.2136	56.6225	17.6235	2.22660
14000	5.3946	-0.9570	2.2249	56.8466	17.7209	2.23872
14100	5.4001	-0.9624	2.2366	57.0703	17.8179	2.25125
14200	5.4057	-0.9678	2.2486	57.3007	17.9221	2.26418
14300	5.4113	-0.9733	2.2611	57.5354	18.0307	2.27753
14400	5.4171	-0.9787	2.2739	57.7747	18.1439	2.29132
14500	5.4229	-0.9843	2.2871	58.0181	18.2613	2.30552
14600	5.4288	-0.9898	2.3007	58.2657	18.3829	2.32013
14700	5.4347	-0.9954	2.3148	58.5181	18.5093	2.33519
14800	5.4407	-1.0011	2.3292	58.7747	18.6401	2.35068
14900	5.4468	-1.0067	2.3440	59.0352	18.7747	2.36660
15000	5.4529	-1.0125	2.3592	59.3001	18.9138	2.38294

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8283	1.3505	0.9658	18.7550	3.3671	1.00000
300	3.0165	1.1600	0.9983	20.2188	3.4621	1.00000
400	3.1453	1.0321	1.0053	21.2383	3.4930	1.00000
500	3.2445	0.9345	1.0067	22.0290	3.5119	1.00000
600	3.3252	0.8552	1.0071	22.6743	3.5240	1.00000
700	3.3934	0.7882	1.0071	23.2222	3.5340	1.00000
800	3.4557	0.7304	1.0069	23.8003	3.5698	1.00000
900	3.5103	0.6794	1.0063	24.2507	3.5982	1.00000
1000	3.5595	0.6339	1.0057	24.6622	3.6267	1.00000
1100	3.6045	0.5927	1.0052	25.0393	3.6566	1.00000
1200	3.6458	0.5551	1.0049	25.3887	3.6866	1.00000
1300	3.6840	0.5205	1.0045	25.7143	3.7159	1.00000
1400	3.7195	0.4884	1.0042	26.0192	3.7443	1.00000
1500	3.7526	0.4586	1.0040	26.3057	3.7716	1.00000
1600	3.7836	0.4307	1.0038	26.5759	3.7976	1.00000
1700	3.8128	0.4044	1.0036	26.8317	3.8224	1.00000
1800	3.8402	0.3797	1.0034	27.0741	3.8457	1.00000
1900	3.8662	0.3563	1.0032	27.3048	3.8678	1.00000
2000	3.8921	0.3340	1.0031	27.5378	3.9001	1.00000
2100	3.9156	0.3129	1.0029	27.7496	3.9207	1.00000
2200	3.9380	0.2928	1.0028	27.9520	3.9411	1.00000
2300	3.9593	0.2735	1.0027	28.1463	3.9593	1.00000
2400	3.9797	0.2551	1.0026	28.3330	3.9768	1.00000
2500	3.9994	0.2374	1.0025	28.5127	3.9944	1.00000
2600	4.0181	0.2204	1.0024	28.6855	4.0102	1.00000
2700	4.0361	0.2040	1.0023	28.8524	4.0250	1.00000
2800	4.0536	0.1883	1.0022	29.0137	4.0401	1.00000
2900	4.0703	0.1731	1.0022	29.1695	4.0540	1.00000
3000	4.0864	0.1584	1.0021	29.3206	4.0668	1.00000
3100	4.1020	0.1442	1.0020	29.4668	4.0800	1.00000
3200	4.1171	0.1304	1.0020	29.6087	4.0919	1.00001
3300	4.1317	0.1171	1.0019	29.7465	4.1036	1.00001
3400	4.1459	0.1041	1.0018	29.8804	4.1155	1.00002
3500	4.1596	0.0916	1.0018	30.0109	4.1259	1.00002
3600	4.1730	0.0793	1.0018	30.1379	4.1368	1.00004
3700	4.1859	0.0675	1.0017	30.2620	4.1468	1.00006
3800	4.1987	0.0559	1.0017	30.3833	4.1580	1.00010

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3900	4.2110	0.0446	1.0018	30.5020	4.1685	1.00015
4000	4.2231	0.0336	1.0018	30.6183	4.1786	1.00022
4100	4.2350	0.0228	1.0018	30.7327	4.1897	1.00031
4200	4.2466	0.0123	1.0019	30.8453	4.2010	1.00044
4300	4.2582	0.0020	1.0021	30.9565	4.2139	1.00062
4400	4.2695	-0.0080	1.0023	31.0668	4.2267	1.00084
4500	4.2807	-0.0179	1.0025	31.1763	4.2416	1.00112
4600	4.2919	-0.0276	1.0028	31.2856	4.2571	1.00148
4700	4.3030	-0.0371	1.0033	31.3952	4.2748	1.00195
4800	4.3142	-0.0465	1.0038	31.5053	4.2947	1.00253
4900	4.3254	-0.0557	1.0045	31.6167	4.3176	1.00325
5000	4.3367	-0.0649	1.0054	31.7297	4.3428	1.00413
5100	4.3478	-0.0740	1.0064	31.8383	4.3677	1.00521
5200	4.3595	-0.0829	1.0077	31.9568	4.4004	1.00651
5300	4.3715	-0.0919	1.0092	32.0792	4.4381	1.00806
5400	4.3838	-0.1008	1.0110	32.2061	4.4811	1.00990
5500	4.3965	-0.1097	1.0132	32.3384	4.5301	1.01207
5600	4.4096	-0.1186	1.0157	32.4764	4.5855	1.01463
5700	4.4231	-0.1275	1.0187	32.6212	4.6480	1.01761
5800	4.4372	-0.1365	1.0221	32.7735	4.7183	1.02106
5900	4.4518	-0.1456	1.0261	32.9341	4.7971	1.02505
6000	4.4670	-0.1549	1.0306	33.1042	4.8852	1.02963
6100	4.4828	-0.1642	1.0358	33.2843	4.9832	1.03484
6200	4.4993	-0.1738	1.0417	33.4756	5.0921	1.04077
6300	4.5164	-0.1835	1.0484	33.6793	5.2128	1.04748
6400	4.5342	-0.1934	1.0560	33.8961	5.3460	1.05502
6500	4.5527	-0.2036	1.0644	34.1273	5.4927	1.06349
6600	4.5719	-0.2141	1.0739	34.3740	5.6540	1.07295
6700	4.5918	-0.2249	1.0844	34.6369	5.8303	1.08348
6800	4.6123	-0.2359	1.0960	34.9170	6.0221	1.09514
6900	4.6334	-0.2473	1.1089	35.2150	6.2304	1.10800
7000	4.6550	-0.2591	1.1230	35.5318	6.4555	1.12215
7100	4.6772	-0.2712	1.1385	35.8678	6.6979	1.13764
7200	4.6998	-0.2837	1.1553	36.2237	6.9580	1.15452
7300	4.7228	-0.2965	1.1737	36.5999	7.2360	1.17285
7400	4.7461	-0.3096	1.1935	36.9968	7.5320	1.19266
7500	4.7697	-0.3232	1.2148	37.4141	7.8457	1.21397
7600	4.7934	-0.3370	1.2376	37.8516	8.1765	1.23679
7700	4.8171	-0.3511	1.2619	38.3087	8.5240	1.26110
7800	4.8408	-0.3655	1.2876	38.7844	8.8870	1.28685
7900	4.8644	-0.3801	1.3147	39.2775	9.2639	1.31398
8000	4.8878	-0.3948	1.3431	39.7860	9.6530	1.34239
8100	4.9107	-0.4097	1.3727	40.3081	10.0522	1.37195
8200	4.9333	-0.4245	1.4032	40.8408	10.4587	1.40250
8300	4.9553	-0.4394	1.4346	41.3811	10.8693	1.43384
8400	4.9766	-0.4542	1.4665	41.9256	11.2808	1.46575
8500	4.9972	-0.4687	1.4987	42.4707	11.6896	1.49800
8600	5.0170	-0.4831	1.5310	43.0126	12.0921	1.53031
8700	5.0359	-0.4971	1.5631	43.5477	12.4849	1.56243
8800	5.0539	-0.5108	1.5948	44.0724	12.8647	1.59411
8900	5.0709	-0.5240	1.6257	44.5832	13.2281	1.62507
9000	5.0869	-0.5368	1.6557	45.0776	13.5726	1.65511
9100	5.1019	-0.5491	1.6846	45.5527	13.8961	1.68401
9200	5.1160	-0.5609	1.7122	46.0070	14.1968	1.71163
9300	5.1291	-0.5722	1.7384	46.4392	14.4740	1.73784

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9400	5.1412	-0.5830	1.7631	46.8483	14.7270	1.76255
9500	5.1525	-0.5933	1.7862	47.2343	14.9560	1.78573
9600	5.1630	-0.6030	1.8078	47.5973	15.1613	1.80736
9700	5.1727	-0.6123	1.8278	47.9380	15.3437	1.82744
9800	5.1817	-0.6212	1.8464	48.2572	15.5049	1.84601
9900	5.1900	-0.6296	1.8635	48.5561	15.6459	1.86316
10000	5.1978	-0.6376	1.8792	48.8362	15.7681	1.87895
10100	5.2050	-0.6452	1.8937	49.0987	15.8732	1.89346
10200	5.2120	-0.6527	1.9076	49.3539	15.9724	1.90744
10300	5.2183	-0.6597	1.9198	49.5860	16.0483	1.91973
10400	5.2242	-0.6664	1.9310	49.8049	16.1117	1.93104
10500	5.2298	-0.6729	1.9414	50.0122	16.1647	1.94147
10600	5.2351	-0.6792	1.9510	50.2101	16.2091	1.95119
10700	5.2401	-0.6852	1.9599	50.3992	16.2458	1.96023
10800	5.2450	-0.6911	1.9683	50.5804	16.2757	1.96868
10900	5.2496	-0.6968	1.9761	50.7556	16.3007	1.97666
11000	5.2541	-0.7024	1.9835	50.9251	16.3213	1.98420
11100	5.2585	-0.7079	1.9905	51.0899	16.3382	1.99138
11200	5.2628	-0.7133	1.9973	51.2511	16.3529	1.99828
11300	5.2670	-0.7185	2.0037	51.4088	16.3653	2.00489
11400	5.2711	-0.7237	2.0100	51.5646	16.3767	2.01135
11500	5.2752	-0.7288	2.0162	51.7187	16.3878	2.01769
11600	5.2793	-0.7339	2.0222	51.8712	16.3983	2.02389
11700	5.2833	-0.7389	2.0281	52.0233	16.4095	2.03007
11800	5.2873	-0.7438	2.0340	52.1748	16.4214	2.03621
11900	5.2913	-0.7488	2.0399	52.3267	16.4345	2.04237
12000	5.2953	-0.7537	2.0458	52.4789	16.4491	2.04856
12100	5.2994	-0.7585	2.0518	52.6320	16.4657	2.05483
12200	5.3034	-0.7634	2.0578	52.7861	16.4843	2.06121
12300	5.3075	-0.7682	2.0640	52.9418	16.5051	2.06770
12400	5.3117	-0.7731	2.0703	53.0988	16.5285	2.07432
12500	5.3158	-0.7779	2.0767	53.2579	16.5548	2.08112
12600	5.3201	-0.7827	2.0833	53.4192	16.5839	2.08809
12700	5.3243	-0.7876	2.0900	53.5827	16.6161	2.09527
12800	5.3287	-0.7924	2.0970	53.7486	16.6515	2.10266
12900	5.3331	-0.7973	2.1041	53.9172	16.6905	2.11030
13000	5.3375	-0.8021	2.1115	54.0886	16.7328	2.11817
13100	5.3420	-0.8070	2.1191	54.2629	16.7788	2.12631
13200	5.3466	-0.8119	2.1270	54.4403	16.8285	2.13472
13300	5.3513	-0.8169	2.1351	54.6208	16.8816	2.14342
13400	5.3560	-0.8218	2.1435	54.8047	16.9390	2.15243
13500	5.3608	-0.8268	2.1522	54.9920	17.0002	2.16174
13600	5.3657	-0.8318	2.1612	55.1829	17.0653	2.17138
13700	5.3706	-0.8369	2.1704	55.3773	17.1344	2.18134
13800	5.3756	-0.8419	2.1800	55.5753	17.2077	2.19164
13900	5.3807	-0.8470	2.1899	55.7770	17.2849	2.20229
14000	5.3859	-0.8522	2.2001	55.9847	17.3684	2.21330
14100	5.3911	-0.8574	2.2107	56.1919	17.4518	2.22469
14200	5.3964	-0.8626	2.2216	56.4053	17.5414	2.23643
14300	5.4017	-0.8678	2.2328	56.6225	17.6352	2.24855
14400	5.4072	-0.8731	2.2444	56.8439	17.7333	2.26107
14500	5.4127	-0.8784	2.2563	57.0690	17.8355	2.27397
14600	5.4182	-0.8837	2.2686	57.2980	17.9415	2.28724
14700	5.4238	-0.8891	2.2813	57.5313	18.0519	2.30093
14800	5.4295	-0.8945	2.2943	57.7686	18.1664	2.31502

LOG P= 1.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14900	5.4353	-0.9000	2.3077	58.0096	18.2847	2.32950
15000	5.4411	-0.9055	2.3215	58.2545	18.4071	2.34437

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8241	1.4543	0.9574	18.5011	3.3344	1.00000
300	3.0153	1.2602	0.9978	19.9800	3.4531	1.00000
400	3.1448	1.1315	1.0066	21.0031	3.4895	1.00000
500	3.2444	1.0338	1.0084	21.7964	3.5114	1.00000
600	3.3252	0.9546	1.0084	22.4421	3.5239	1.00000
700	3.3934	0.8877	1.0082	22.9904	3.5342	1.00000
800	3.4558	0.8298	1.0082	23.5689	3.5705	1.00000
900	3.5105	0.7788	1.0079	24.0201	3.5995	1.00000
1000	3.5597	0.7333	1.0072	24.4318	3.6280	1.00000
1100	3.6046	0.6921	1.0067	24.8090	3.6579	1.00000
1200	3.6459	0.6546	1.0062	25.1583	3.6877	1.00000
1300	3.6841	0.6200	1.0057	25.4839	3.7169	1.00000
1400	3.7196	0.5880	1.0053	25.7888	3.7453	1.00000
1500	3.7527	0.5581	1.0050	26.0753	3.7725	1.00000
1600	3.7837	0.5302	1.0047	26.3455	3.7984	1.00000
1700	3.8129	0.5040	1.0045	26.6013	3.8231	1.00000
1800	3.8403	0.4793	1.0043	26.8438	3.8465	1.00000
1900	3.8663	0.4559	1.0041	27.0745	3.8687	1.00000
2000	3.8922	0.4337	1.0039	27.3075	3.9009	1.00000
2100	3.9157	0.4126	1.0037	27.5192	3.9214	1.00000
2200	3.9381	0.3925	1.0035	27.7217	3.9418	1.00000
2300	3.9594	0.3732	1.0034	27.9160	3.9600	1.00000
2400	3.9798	0.3548	1.0033	28.1028	3.9775	1.00000
2500	3.9995	0.3371	1.0031	28.2824	3.9950	1.00000
2600	4.0182	0.3201	1.0030	28.4553	4.0108	1.00000
2700	4.0362	0.3038	1.0029	28.6222	4.0256	1.00000
2800	4.0536	0.2880	1.0028	28.7835	4.0408	1.00000
2900	4.0703	0.2728	1.0027	28.9393	4.0545	1.00000
3000	4.0864	0.2582	1.0026	29.0903	4.0674	1.00000
3100	4.1021	0.2440	1.0025	29.2366	4.0805	1.00000
3200	4.1171	0.2302	1.0024	29.3784	4.0923	1.00001
3300	4.1317	0.2169	1.0024	29.5162	4.1040	1.00001
3400	4.1459	0.2039	1.0023	29.6501	4.1159	1.00002
3500	4.1596	0.1914	1.0022	29.7806	4.1263	1.00002
3600	4.1730	0.1792	1.0022	29.9075	4.1371	1.00004
3700	4.1859	0.1673	1.0022	30.0315	4.1470	1.00006
3800	4.1987	0.1557	1.0021	30.1527	4.1581	1.00009
3900	4.2110	0.1444	1.0021	30.2712	4.1684	1.00014
4000	4.2231	0.1334	1.0021	30.3873	4.1784	1.00019
4100	4.2349	0.1227	1.0022	30.5014	4.1892	1.00028
4200	4.2465	0.1122	1.0022	30.6136	4.2001	1.00039
4300	4.2580	0.1019	1.0023	30.7242	4.2125	1.00055
4400	4.2692	0.0919	1.0025	30.8338	4.2245	1.00075
4500	4.2804	0.0820	1.0027	30.9424	4.2386	1.00100
4600	4.2915	0.0723	1.0030	31.0507	4.2532	1.00132
4700	4.3025	0.0628	1.0034	31.1590	4.2696	1.00174
4800	4.3135	0.0535	1.0039	31.2677	4.2883	1.00226
4900	4.3246	0.0443	1.0045	31.3774	4.3096	1.00290
5000	4.3358	0.0352	1.0052	31.4884	4.3330	1.00369

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5100	4.3465	0.0262	1.0062	31.5938	4.3549	1.00465
5200	4.3579	0.0172	1.0073	31.7090	4.3846	1.00580
5300	4.3696	0.0084	1.0086	31.8277	4.4189	1.00718
5400	4.3815	-0.0004	1.0103	31.9502	4.4579	1.00882
5500	4.3938	-0.0092	1.0122	32.0773	4.5021	1.01076
5600	4.4064	-0.0180	1.0144	32.2095	4.5521	1.01303
5700	4.4194	-0.0268	1.0170	32.3474	4.6085	1.01569
5800	4.4329	-0.0357	1.0201	32.4919	4.6717	1.01877
5900	4.4469	-0.0446	1.0236	32.6437	4.7425	1.02232
6000	4.4614	-0.0536	1.0277	32.8037	4.8217	1.02641
6100	4.4764	-0.0627	1.0323	32.9726	4.9096	1.03105
6200	4.4920	-0.0720	1.0376	33.1513	5.0072	1.03634
6300	4.5082	-0.0814	1.0435	33.3409	5.1154	1.04232
6400	4.5251	-0.0911	1.0502	33.5423	5.2348	1.04905
6500	4.5426	-0.1009	1.0578	33.7563	5.3662	1.05661
6600	4.5607	-0.1110	1.0662	33.9842	5.5107	1.06505
6700	4.5796	-0.1213	1.0756	34.2265	5.6686	1.07445
6800	4.5990	-0.1319	1.0860	34.4843	5.8406	1.08487
6900	4.6190	-0.1428	1.0975	34.7580	6.0274	1.09637
7000	4.6395	-0.1541	1.1101	35.0487	6.2295	1.10903
7100	4.6606	-0.1656	1.1240	35.3566	6.4471	1.12290
7200	4.6822	-0.1775	1.1391	35.6827	6.6810	1.13804
7300	4.7041	-0.1897	1.1555	36.0273	6.9314	1.15451
7400	4.7265	-0.2023	1.1734	36.3910	7.1985	1.17235
7500	4.7491	-0.2152	1.1926	36.7738	7.4823	1.19158
7600	4.7719	-0.2284	1.2132	37.1756	7.7826	1.21223
7700	4.7949	-0.2419	1.2353	37.5964	8.0991	1.23432
7800	4.8180	-0.2556	1.2588	38.0355	8.4311	1.25780
7900	4.8410	-0.2697	1.2836	38.4923	8.7777	1.28267
8000	4.8639	-0.2839	1.3098	38.9653	9.1375	1.30884
8100	4.8866	-0.2983	1.3372	39.4532	9.5092	1.33624
8200	4.9090	-0.3128	1.3657	39.9540	9.8905	1.36475
8300	4.9310	-0.3273	1.3951	40.4651	10.2790	1.39422
8400	4.9525	-0.3418	1.4254	40.9840	10.6721	1.42449
8500	4.9734	-0.3563	1.4562	41.5077	11.0669	1.45537
8600	4.9937	-0.3706	1.4875	42.0328	11.4601	1.48662
8700	5.0132	-0.3846	1.5189	42.5562	11.8486	1.51803
8800	5.0319	-0.3985	1.5502	43.0746	12.2293	1.54935
8900	5.0497	-0.4120	1.5812	43.5844	12.5989	1.58036
9000	5.0667	-0.4251	1.6116	44.0828	12.9542	1.61079
9100	5.0827	-0.4378	1.6412	44.5666	13.2930	1.64043
9200	5.0977	-0.4501	1.6698	45.0337	13.6130	1.66909
9300	5.1119	-0.4618	1.6973	45.4821	13.9124	1.69661
9400	5.1251	-0.4732	1.7236	45.9104	14.1905	1.72286
9500	5.1375	-0.4840	1.7484	46.3178	14.4465	1.74776
9600	5.1490	-0.4943	1.7719	46.7037	14.6801	1.77123
9700	5.1597	-0.5042	1.7938	47.0683	14.8915	1.79325
9800	5.1697	-0.5136	1.8143	47.4116	15.0810	1.81380
9900	5.1789	-0.5225	1.8334	47.7344	15.2499	1.83291
10000	5.1875	-0.5310	1.8511	48.0376	15.3991	1.85063
10100	5.1955	-0.5392	1.8674	48.3222	15.5297	1.86699
10200	5.2032	-0.5471	1.8832	48.5995	15.6544	1.88284
10300	5.2102	-0.5545	1.8970	48.8508	15.7525	1.89679
10400	5.2167	-0.5616	1.9098	49.0871	15.8362	1.90963
10500	5.2228	-0.5684	1.9216	49.3103	15.9075	1.92147

LOG P= 1.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10600	5.2286	-0.5750	1.9325	49.5225	15.9685	1.93250
10700	5.2340	-0.5814	1.9426	49.7240	16.0197	1.94271
10800	5.2392	-0.5875	1.9520	49.9162	16.0627	1.95220
10900	5.2442	-0.5935	1.9608	50.1007	16.0990	1.95111
11000	5.2490	-0.5992	1.9690	50.2781	16.1291	1.96947
11100	5.2536	-0.6049	1.9767	50.4494	16.1544	1.97735
11200	5.2581	-0.6104	1.9841	50.6158	16.1758	1.98486
11300	5.2624	-0.6158	1.9911	50.7775	16.1938	1.99198
11400	5.2667	-0.6211	1.9978	50.9359	16.2094	1.99886
11500	5.2708	-0.6263	2.0042	51.0918	16.2237	2.00553
11600	5.2749	-0.6314	2.0105	51.2449	16.2363	2.01197
11700	5.2790	-0.6364	2.0166	51.3966	16.2486	2.01832
11800	5.2830	-0.6414	2.0226	51.5469	16.2604	2.02456
11900	5.2870	-0.6463	2.0286	51.6967	16.2730	2.03076
12000	5.2910	-0.6512	2.0345	51.8460	16.2859	2.03691
12100	5.2950	-0.6561	2.0403	51.9953	16.3002	2.04308
12200	5.2990	-0.6609	2.0462	52.1450	16.3157	2.04929
12300	5.3030	-0.6657	2.0522	52.2955	16.3329	2.05557
12400	5.3070	-0.6705	2.0582	52.4467	16.3518	2.06192
12500	5.3110	-0.6753	2.0643	52.5993	16.3731	2.06840
12600	5.3151	-0.6801	2.0705	52.7535	16.3966	2.07500
12700	5.3192	-0.6848	2.0769	52.9092	16.4225	2.08175
12800	5.3234	-0.6896	2.0834	53.0668	16.4513	2.08867
12900	5.3276	-0.6943	2.0900	53.2266	16.4830	2.09579
13000	5.3319	-0.6991	2.0969	53.3886	16.5175	2.10309
13100	5.3362	-0.7039	2.1039	53.5528	16.5549	2.11062
13200	5.3406	-0.7087	2.1111	53.7197	16.5958	2.11838
13300	5.3450	-0.7135	2.1186	53.8892	16.6398	2.12638
13400	5.3495	-0.7183	2.1263	54.0615	16.6875	2.13465
13500	5.3540	-0.7232	2.1342	54.2367	16.7384	2.14317
13600	5.3587	-0.7280	2.1423	54.4151	16.7930	2.15199
13700	5.3633	-0.7329	2.1508	54.5964	16.8511	2.16109
13800	5.3681	-0.7378	2.1595	54.7810	16.9129	2.17048
13900	5.3729	-0.7428	2.1684	54.9688	16.9784	2.18019
14000	5.3778	-0.7477	2.1777	55.1618	17.0494	2.19021
14100	5.3827	-0.7527	2.1872	55.3544	17.1204	2.20057
14200	5.3877	-0.7577	2.1971	55.5526	17.1973	2.21126
14300	5.3928	-0.7628	2.2072	55.7540	17.2778	2.22227
14400	5.3980	-0.7679	2.2177	55.9593	17.3623	2.23365
14500	5.4032	-0.7730	2.2285	56.1678	17.4505	2.24538
14600	5.4084	-0.7781	2.2396	56.3800	17.5423	2.25744
14700	5.4138	-0.7833	2.2511	56.5960	17.6382	2.26989
14800	5.4192	-0.7885	2.2629	56.8157	17.7378	2.28270
14900	5.4246	-0.7938	2.2750	57.0387	17.8411	2.29587
15000	5.4301	-0.7990	2.2874	57.2654	17.9482	2.30941

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8185	1.5591	0.9469	18.2401	3.2924	1.00000
300	3.0139	1.3604	0.9975	19.7392	3.4421	1.00000
400	3.1443	1.2307	1.0083	20.7666	3.4850	1.00000
500	3.2444	1.1327	1.0110	21.5635	3.5110	1.00000
600	3.3252	1.0536	1.0107	22.2102	3.5244	1.00000
700	3.3934	0.9870	1.0099	22.7584	3.5346	1.00000

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
800	3.4559	0.9292	1.0095	23.3370	3.5708	1.00000
900	3.5106	0.8782	1.0092	23.7887	3.6003	1.00000
1000	3.5598	0.8326	1.0088	24.2009	3.6292	1.00000
1100	3.6048	0.7914	1.0083	24.5784	3.6594	1.00000
1200	3.6461	0.7539	1.0078	24.9279	3.6892	1.00000
1300	3.6843	0.7193	1.0072	25.2535	3.7183	1.00000
1400	3.7198	0.6874	1.0068	25.5585	3.7466	1.00000
1500	3.7529	0.6576	1.0063	25.8450	3.7737	1.00000
1600	3.7838	0.6297	1.0060	26.1150	3.7994	1.00000
1700	3.8130	0.6035	1.0057	26.3707	3.8240	1.00000
1800	3.8405	0.5788	1.0055	26.6135	3.8476	1.00000
1900	3.8664	0.5554	1.0052	26.8444	3.8698	1.00000
2000	3.8923	0.5333	1.0049	27.0772	3.9019	1.00000
2100	3.9158	0.5122	1.0046	27.2889	3.9223	1.00000
2200	3.9382	0.4921	1.0045	27.4914	3.9426	1.00000
2300	3.9595	0.4728	1.0043	27.6857	3.9608	1.00000
2400	3.9799	0.4544	1.0041	27.8724	3.9783	1.00000
2500	3.9995	0.4368	1.0039	28.0521	3.9958	1.00000
2600	4.0183	0.4198	1.0038	28.2250	4.0116	1.00000
2700	4.0363	0.4035	1.0037	28.3919	4.0263	1.00000
2800	4.0537	0.3877	1.0035	28.5533	4.0415	1.00000
2900	4.0704	0.3725	1.0034	28.7091	4.0552	1.00000
3000	4.0865	0.3579	1.0033	28.8601	4.0681	1.00000
3100	4.1022	0.3437	1.0032	29.0064	4.0812	1.00000
3200	4.1172	0.3299	1.0031	29.1482	4.0930	1.00000
3300	4.1318	0.3166	1.0030	29.2860	4.1047	1.00001
3400	4.1460	0.3037	1.0029	29.4198	4.1165	1.00001
3500	4.1597	0.2911	1.0028	29.5502	4.1268	1.00002
3600	4.1730	0.2789	1.0027	29.6771	4.1375	1.00003
3700	4.1860	0.2670	1.0027	29.8011	4.1474	1.00006
3800	4.1987	0.2555	1.0026	29.9221	4.1583	1.00008
3900	4.2110	0.2442	1.0026	30.0406	4.1685	1.00012
4000	4.2231	0.2332	1.0026	30.1565	4.1784	1.00017
4100	4.2349	0.2225	1.0026	30.2704	4.1889	1.00025
4200	4.2464	0.2120	1.0026	30.3821	4.1994	1.00035
4300	4.2579	0.2018	1.0027	30.4922	4.2113	1.00049
4400	4.2690	0.1917	1.0028	30.6011	4.2226	1.00067
4500	4.2802	0.1819	1.0030	30.7089	4.2359	1.00089
4600	4.2911	0.1722	1.0033	30.8161	4.2496	1.00118
4700	4.3020	0.1627	1.0036	30.9234	4.2651	1.00155
4800	4.3130	0.1534	1.0040	31.0310	4.2828	1.00201
4900	4.3240	0.1442	1.0046	31.1394	4.3029	1.00259
5000	4.3350	0.1352	1.0052	31.2490	4.3251	1.00329
5100	4.3454	0.1262	1.0061	31.3509	4.3437	1.00414
5200	4.3566	0.1173	1.0070	31.4632	4.3708	1.00517
5300	4.3679	0.1086	1.0082	31.5785	4.4019	1.00640
5400	4.3795	0.0998	1.0097	31.6971	4.4373	1.00786
5500	4.3914	0.0911	1.0113	31.8195	4.4774	1.00959
5600	4.4036	0.0825	1.0133	31.9464	4.5226	1.01161
5700	4.4161	0.0738	1.0157	32.0783	4.5734	1.01398
5800	4.4290	0.0651	1.0184	32.2158	4.6303	1.01673
5900	4.4424	0.0563	1.0215	32.3597	4.6940	1.01990
6000	4.4562	0.0475	1.0251	32.5108	4.7651	1.02354
6100	4.4705	0.0385	1.0292	32.6697	4.8440	1.02768
6200	4.4854	0.0295	1.0339	32.8372	4.9316	1.03240

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6300	4.5008	0.0203	1.0392	33.0144	5.0285	1.03772
6400	4.5168	0.0110	1.0452	33.2019	5.1356	1.04373
6500	4.5333	0.0015	1.0519	33.4007	5.2533	1.05047
6600	4.5506	-0.0082	1.0594	33.6117	5.3828	1.05800
6700	4.5684	-0.0182	1.0678	33.8356	5.5243	1.06639
6800	4.5867	-0.0284	1.0771	34.0732	5.6786	1.07569
6900	4.6057	-0.0388	1.0873	34.3252	5.8460	1.08597
7000	4.6252	-0.0496	1.0986	34.5922	6.0273	1.09729
7100	4.6452	-0.0606	1.1110	34.8748	6.2226	1.10970
7200	4.6657	-0.0719	1.1246	35.1738	6.4327	1.12326
7300	4.6867	-0.0836	1.1393	35.4896	6.6579	1.13803
7400	4.7080	-0.0956	1.1553	35.8228	6.8985	1.15406
7500	4.7297	-0.1078	1.1726	36.1737	7.1546	1.17138
7600	4.7516	-0.1204	1.1913	36.5423	7.4262	1.19002
7700	4.7737	-0.1333	1.2112	36.9288	7.7133	1.21000
7800	4.7960	-0.1465	1.2325	37.3330	8.0154	1.23131
7900	4.8184	-0.1599	1.2552	37.7545	8.3323	1.25397
8000	4.8407	-0.1736	1.2791	38.1924	8.6627	1.27792
8100	4.8630	-0.1875	1.3043	38.6458	9.0060	1.30312
8200	4.8851	-0.2015	1.3307	39.1133	9.3604	1.32950
8300	4.9069	-0.2156	1.3581	39.5932	9.7243	1.35696
8400	4.9284	-0.2298	1.3865	40.0835	10.0954	1.38538
8500	4.9494	-0.2440	1.4157	40.5816	10.4715	1.41459
8600	4.9699	-0.2581	1.4455	41.0850	10.8498	1.44444
8700	4.9898	-0.2721	1.4758	41.5908	11.2277	1.47472
8800	5.0090	-0.2860	1.5063	42.0960	11.6022	1.50522
8900	5.0275	-0.2996	1.5368	42.5975	11.9704	1.53572
9000	5.0452	-0.3129	1.5670	43.0923	12.3293	1.56601
9100	5.0620	-0.3259	1.5968	43.5774	12.6763	1.59584
9200	5.0780	-0.3385	1.6260	44.0504	13.0090	1.62504
9300	5.0932	-0.3507	1.6544	44.5089	13.3251	1.65342
9400	5.1074	-0.3625	1.6817	44.9510	13.6232	1.68081
9500	5.1208	-0.3738	1.7080	45.3752	13.9018	1.70708
9600	5.1333	-0.3847	1.7330	45.7804	14.1602	1.73213
9700	5.1451	-0.3951	1.7567	46.1661	14.3979	1.75588
9800	5.1560	-0.4050	1.7790	46.5316	14.6146	1.77825
9900	5.1662	-0.4145	1.7999	46.8769	14.8108	1.79923
10000	5.1757	-0.4236	1.8195	47.2028	14.9869	1.81883
10100	5.1846	-0.4322	1.8377	47.5096	15.1438	1.83706
10200	5.1932	-0.4406	1.8554	47.8099	15.2953	1.85485
10300	5.2008	-0.4485	1.8710	48.0817	15.4173	1.87056
10400	5.2080	-0.4561	1.8855	48.3373	15.5235	1.88508
10500	5.2147	-0.4633	1.8988	48.5782	15.6155	1.89849
10600	5.2211	-0.4702	1.9112	48.8069	15.6956	1.91099
10700	5.2271	-0.4769	1.9227	49.0232	15.7643	1.92255
10800	5.2327	-0.4833	1.9333	49.2287	15.8227	1.93329
10900	5.2381	-0.4896	1.9432	49.4251	15.8732	1.94333
11000	5.2432	-0.4956	1.9525	49.6128	15.9157	1.95270
11100	5.2481	-0.5014	1.9611	49.7930	15.9515	1.96148
11200	5.2529	-0.5071	1.9693	49.9670	15.9824	1.96979
11300	5.2574	-0.5127	1.9769	50.1347	16.0079	1.97759
11400	5.2618	-0.5181	1.9842	50.2980	16.0301	1.98505
11500	5.2662	-0.5234	1.9912	50.4578	16.0498	1.99223
11600	5.2704	-0.5286	1.9979	50.6135	16.0664	1.99908
11700	5.2745	-0.5338	2.0043	50.7668	16.0817	2.00576

LOG P= 1.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11800	5.2786	-0.5388	2.0106	50.9177	16.0958	2.01224
11900	5.2826	-0.5438	2.0167	51.0674	16.1094	2.01862
12000	5.2866	-0.5487	2.0227	51.2153	16.1226	2.02487
12100	5.2906	-0.5536	2.0287	51.3627	16.1360	2.03107
12200	5.2945	-0.5584	2.0346	51.5097	16.1501	2.03725
12300	5.2985	-0.5632	2.0404	51.6567	16.1652	2.04345
12400	5.3024	-0.5680	2.0463	51.8037	16.1812	2.04965
12500	5.3064	-0.5727	2.0522	51.9515	16.1991	2.05593
12600	5.3104	-0.5775	2.0582	52.1001	16.2185	2.06228
12700	5.3144	-0.5822	2.0643	52.2497	16.2397	2.06872
12800	5.3184	-0.5869	2.0704	52.4005	16.2631	2.07528
12900	5.3225	-0.5916	2.0767	52.5530	16.2889	2.08200
13000	5.3266	-0.5963	2.0831	52.7072	16.3171	2.08886
13100	5.3307	-0.6010	2.0896	52.8629	16.3477	2.09589
13200	5.3349	-0.6056	2.0964	53.0209	16.3812	2.10312
13300	5.3392	-0.6103	2.1032	53.1809	16.4176	2.11053
13400	5.3435	-0.6151	2.1103	53.3433	16.4568	2.11818
13500	5.3478	-0.6198	2.1176	53.5080	16.4991	2.12604
13600	5.3522	-0.6245	2.1251	53.6755	16.5446	2.13414
13700	5.3566	-0.6293	2.1328	53.8454	16.5931	2.14250
13800	5.3612	-0.6340	2.1407	54.0181	16.6449	2.15111
13900	5.3657	-0.6388	2.1489	54.1935	16.7002	2.16000
14000	5.3704	-0.6436	2.1573	54.3736	16.7604	2.16915
14100	5.3751	-0.6485	2.1659	54.5532	16.8203	2.17861
14200	5.3798	-0.6533	2.1749	54.7377	16.8858	2.18835
14300	5.3846	-0.6582	2.1841	54.9252	16.9545	2.19839
14400	5.3895	-0.6631	2.1936	55.1159	17.0269	2.20876
14500	5.3944	-0.6681	2.2033	55.3097	17.1026	2.21943
14600	5.3994	-0.6730	2.2134	55.5066	17.1817	2.23041
14700	5.4045	-0.6780	2.2238	55.7070	17.2646	2.24174
14800	5.4096	-0.6830	2.2344	55.9108	17.3509	2.25340
14900	5.4147	-0.6881	2.2453	56.1175	17.4406	2.26538
15000	5.4200	-0.6932	2.2566	56.3277	17.5339	2.27771

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8114	1.6651	0.9339	17.9700	3.2383	1.00000
300	3.0122	1.4605	0.9971	19.4960	3.4285	1.00000
400	3.1435	1.3298	1.0105	20.5284	3.4792	1.00000
500	3.2443	1.2313	1.0141	21.3294	3.5100	1.00000
600	3.3254	1.1521	1.0143	21.9781	3.5255	1.00000
700	3.3937	1.0856	1.0132	22.5272	3.5363	1.00000
800	3.4560	1.0282	1.0119	23.1055	3.5720	1.00000
900	3.5107	0.9774	1.0109	23.5572	3.6013	1.00000
1000	3.5599	0.9319	1.0103	23.9695	3.6302	1.00000
1100	3.6049	0.8908	1.0098	24.3472	3.6605	1.00000
1200	3.6463	0.8532	1.0094	24.6970	3.6904	1.00000
1300	3.6845	0.8186	1.0089	25.0228	3.7197	1.00000
1400	3.7199	0.7866	1.0085	25.3280	3.7482	1.00000
1500	3.7530	0.7569	1.0080	25.6146	3.7752	1.00000
1600	3.7840	0.7290	1.0076	25.8846	3.8008	1.00000
1700	3.8131	0.7029	1.0072	26.1402	3.8252	1.00000
1800	3.8406	0.6782	1.0069	26.3831	3.8489	1.00000
1900	3.8666	0.6548	1.0065	26.6142	3.8713	1.00000

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2000	3.8925	0.6327	1.0062	26.8470	3.9032	1.00000
2100	3.9159	0.6117	1.0059	27.0585	3.9234	1.00000
2200	3.9383	0.5916	1.0056	27.2610	3.9437	1.00000
2300	3.9596	0.5723	1.0054	27.4554	3.9618	1.00000
2400	3.9800	0.5540	1.0052	27.6422	3.9793	1.00000
2500	3.9997	0.5363	1.0050	27.8219	3.9968	1.00000
2600	4.0184	0.5194	1.0048	27.9947	4.0125	1.00000
2700	4.0364	0.5031	1.0046	28.1617	4.0273	1.00000
2800	4.0538	0.4873	1.0044	28.3230	4.0424	1.00000
2900	4.0705	0.4722	1.0043	28.4788	4.0561	1.00000
3000	4.0866	0.4575	1.0041	28.6298	4.0689	1.00000
3100	4.1022	0.4433	1.0040	28.7761	4.0821	1.00000
3200	4.1173	0.4296	1.0039	28.9179	4.0938	1.00000
3300	4.1319	0.4163	1.0038	29.0557	4.1055	1.00001
3400	4.1461	0.4033	1.0037	29.1896	4.1172	1.00001
3500	4.1598	0.3908	1.0036	29.3199	4.1275	1.00002
3600	4.1731	0.3786	1.0035	29.4468	4.1381	1.00003
3700	4.1860	0.3667	1.0034	29.5707	4.1479	1.00005
3800	4.1987	0.3552	1.0033	29.6916	4.1588	1.00007
3900	4.2111	0.3439	1.0033	29.8100	4.1689	1.00011
4000	4.2231	0.3330	1.0032	29.9258	4.1786	1.00016
4100	4.2349	0.3222	1.0032	30.0396	4.1890	1.00022
4200	4.2464	0.3118	1.0032	30.1510	4.1992	1.00031
4300	4.2578	0.3015	1.0032	30.2607	4.2106	1.00043
4400	4.2689	0.2915	1.0033	30.3689	4.2214	1.00059
4500	4.2800	0.2817	1.0034	30.4758	4.2339	1.00079
4600	4.2908	0.2721	1.0037	30.5821	4.2466	1.00106
4700	4.3016	0.2626	1.0040	30.6884	4.2612	1.00138
4800	4.3125	0.2533	1.0043	30.7949	4.2779	1.00180
4900	4.3234	0.2441	1.0048	30.9022	4.2971	1.00231
5000	4.3343	0.2351	1.0053	31.0107	4.3182	1.00293
5100	4.3444	0.2262	1.0061	31.1094	4.3338	1.00370
5200	4.3553	0.2174	1.0070	31.2191	4.3586	1.00461
5300	4.3664	0.2087	1.0080	31.3314	4.3869	1.00570
5400	4.3777	0.2000	1.0093	31.4465	4.4191	1.00701
5500	4.3893	0.1914	1.0108	31.5648	4.4555	1.00855
5600	4.4010	0.1828	1.0125	31.6869	4.4963	1.01035
5700	4.4131	0.1742	1.0146	31.8134	4.5422	1.01246
5800	4.4256	0.1657	1.0170	31.9447	4.5936	1.01491
5900	4.4384	0.1570	1.0198	32.0816	4.6509	1.01774
6000	4.4516	0.1484	1.0230	32.2248	4.7148	1.02098
6100	4.4653	0.1396	1.0266	32.3747	4.7857	1.02467
6200	4.4794	0.1308	1.0308	32.5323	4.8644	1.02887
6300	4.4941	0.1219	1.0355	32.6982	4.9513	1.03362
6400	4.5092	0.1128	1.0408	32.8734	5.0472	1.03898
6500	4.5250	0.1036	1.0468	33.0585	5.1528	1.04499
6600	4.5413	0.0942	1.0535	33.2545	5.2688	1.05171
6700	4.5581	0.0846	1.0610	33.4619	5.3957	1.05919
6800	4.5755	0.0748	1.0692	33.6814	5.5339	1.06749
6900	4.5935	0.0648	1.0784	33.9138	5.6841	1.07667
7000	4.6120	0.0545	1.0885	34.1597	5.8465	1.08679
7100	4.6310	0.0439	1.0996	34.4194	6.0218	1.09788
7200	4.6504	0.0331	1.1117	34.6939	6.2103	1.11002
7300	4.6704	0.0220	1.1249	34.9837	6.4126	1.12326
7400	4.6907	0.0105	1.1392	35.2892	6.6289	1.13763

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7500	4.7114	-0.0012	1.1548	35.6108	6.8596	1.15319
7600	4.7324	-0.0132	1.1715	35.9488	7.1047	1.16997
7700	4.7536	-0.0255	1.1895	36.3035	7.3643	1.18798
7800	4.7751	-0.0381	1.2088	36.6749	7.6383	1.20727
7900	4.7967	-0.0509	1.2293	37.0628	7.9266	1.22783
8000	4.8184	-0.0640	1.2511	37.4670	8.2286	1.24965
8100	4.8401	-0.0773	1.2742	37.8867	8.5436	1.27270
8200	4.8618	-0.0908	1.2984	38.3210	8.8706	1.29694
8300	4.8833	-0.1045	1.3237	38.7686	9.2083	1.32231
8400	4.9045	-0.1183	1.3501	39.2281	9.5550	1.34873
8500	4.9255	-0.1321	1.3775	39.6977	9.9090	1.37607
8600	4.9460	-0.1460	1.4056	40.1753	10.2684	1.40422
8700	4.9661	-0.1598	1.4344	40.6584	10.6305	1.43301
8800	4.9856	-0.1735	1.4636	41.1448	10.9932	1.46228
8900	5.0045	-0.1871	1.4932	41.6316	11.3537	1.49184
9000	5.0228	-0.2005	1.5228	42.1161	11.7093	1.52149
9100	5.0403	-0.2136	1.5523	42.5958	12.0575	1.55103
9200	5.0571	-0.2265	1.5815	43.0677	12.3958	1.58025
9300	5.0730	-0.2390	1.6102	43.5295	12.7215	1.60898
9400	5.0882	-0.2511	1.6382	43.9787	13.0332	1.63702
9500	5.1025	-0.2628	1.6654	44.4138	13.3288	1.66421
9600	5.1160	-0.2742	1.6916	44.8331	13.6070	1.69044
9700	5.1288	-0.2851	1.7166	45.2352	13.8669	1.71556
9800	5.1407	-0.2955	1.7405	45.6193	14.1075	1.73949
9900	5.1519	-0.3055	1.7631	45.9851	14.3291	1.76216
10000	5.1623	-0.3151	1.7845	46.3322	14.5312	1.78354
10100	5.1721	-0.3243	1.8045	46.6606	14.7141	1.80359
10200	5.1816	-0.3333	1.8241	46.9841	14.8931	1.82332
10300	5.1901	-0.3416	1.8416	47.2771	15.0401	1.84085
10400	5.1980	-0.3496	1.8578	47.5531	15.1702	1.85713
10500	5.2054	-0.3573	1.8728	47.8132	15.2847	1.87224
10600	5.2124	-0.3646	1.8869	48.0602	15.3862	1.88635
10700	5.2190	-0.3717	1.8998	48.2934	15.4744	1.89944
10800	5.2252	-0.3785	1.9119	48.5143	15.5509	1.91158
10900	5.2310	-0.3850	1.9231	48.7248	15.6177	1.92293
11000	5.2366	-0.3914	1.9336	48.9251	15.6752	1.93351
11100	5.2419	-0.3975	1.9433	49.1165	15.7243	1.94337
11200	5.2470	-0.4034	1.9525	49.3002	15.7670	1.95266
11300	5.2518	-0.4092	1.9610	49.4763	15.8027	1.96133
11400	5.2565	-0.4148	1.9690	49.6468	15.8339	1.96956
11500	5.2610	-0.4203	1.9767	49.8125	15.8612	1.97742
11600	5.2654	-0.4256	1.9840	49.9729	15.8841	1.98485
11700	5.2697	-0.4308	1.9909	50.1299	15.9047	1.99202
11800	5.2739	-0.4360	1.9976	50.2834	15.9229	1.99891
11900	5.2780	-0.4411	2.0041	50.4348	15.9398	2.00562
12000	5.2821	-0.4461	2.0103	50.5834	15.9549	2.01212
12100	5.2861	-0.4510	2.0165	50.7306	15.9696	2.01851
12200	5.2901	-0.4559	2.0225	50.8766	15.9842	2.02480
12300	5.2940	-0.4607	2.0284	51.0219	15.9989	2.03105
12400	5.2979	-0.4654	2.0343	51.1663	16.0137	2.03724
12500	5.3018	-0.4702	2.0402	51.3108	16.0295	2.04344
12600	5.3058	-0.4749	2.0460	51.4556	16.0465	2.04966
12700	5.3097	-0.4796	2.0519	51.6005	16.0646	2.05593
12800	5.3136	-0.4842	2.0578	51.7462	16.0842	2.06225
12900	5.3176	-0.4889	2.0638	51.8929	16.1057	2.06868

LOG P= 1.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13000	5.3216	-0.4935	2.0699	52.0407	16.1289	2.07522
13100	5.3256	-0.4981	2.0761	52.1895	16.1541	2.08187
13200	5.3296	-0.5027	2.0824	52.3401	16.1817	2.08867
13300	5.3337	-0.5074	2.0888	52.4921	16.2115	2.09562
13400	5.3378	-0.5120	2.0954	52.6461	16.2440	2.10275
13500	5.3420	-0.5166	2.1022	52.8019	16.2789	2.11006
13600	5.3462	-0.5212	2.1091	52.9599	16.3165	2.11757
13700	5.3504	-0.5259	2.1162	53.1199	16.3569	2.12530
13800	5.3547	-0.5305	2.1234	53.2823	16.4002	2.13324
13900	5.3591	-0.5352	2.1309	53.4470	16.4463	2.14141
14000	5.3635	-0.5399	2.1386	53.6157	16.4968	2.14981
14100	5.3680	-0.5446	2.1465	53.7839	16.5475	2.15848
14200	5.3725	-0.5493	2.1547	53.9563	16.6026	2.16741
14300	5.3770	-0.5540	2.1630	54.1314	16.6611	2.17659
14400	5.3817	-0.5588	2.1717	54.3093	16.7227	2.18606
14500	5.3863	-0.5635	2.1805	54.4899	16.7873	2.19581
14600	5.3911	-0.5683	2.1896	54.6732	16.8550	2.20583
14700	5.3959	-0.5731	2.1990	54.8596	16.9261	2.21615
14800	5.4007	-0.5780	2.2086	55.0490	17.0005	2.22678
14900	5.4056	-0.5829	2.2186	55.2412	17.0780	2.23771
15000	5.4106	-0.5878	2.2287	55.4365	17.1585	2.24894

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8019	1.7724	0.9183	17.6878	3.1686	1.00000
300	3.0101	1.5606	0.9970	19.2496	3.4117	1.00000
400	3.1426	1.4286	1.0134	20.2882	3.4720	1.00000
500	3.2441	1.3298	1.0178	21.0937	3.5082	1.00000
600	3.3255	1.2503	1.0185	21.7448	3.5262	1.00000
700	3.3939	1.1837	1.0176	22.2957	3.5386	1.00000
800	3.4563	1.1264	1.0160	22.8747	3.5747	1.00000
900	3.5110	1.0759	1.0145	23.3265	3.6038	1.00000
1000	3.5602	1.0308	1.0131	23.7385	3.6321	1.00000
1100	3.6051	0.9898	1.0120	24.1160	3.6620	1.00000
1200	3.6464	0.9523	1.0113	24.4658	3.6919	1.00000
1300	3.6846	0.9178	1.0107	24.7917	3.7211	1.00000
1400	3.7201	0.8859	1.0102	25.0970	3.7495	1.00000
1500	3.7532	0.8561	1.0098	25.3838	3.7767	1.00000
1600	3.7842	0.8282	1.0094	25.6539	3.8023	1.00000
1700	3.8133	0.8021	1.0090	25.9095	3.8266	1.00000
1800	3.8408	0.7774	1.0085	26.1526	3.8504	1.00000
1900	3.8668	0.7541	1.0081	26.3840	3.8730	1.00000
2000	3.8926	0.7320	1.0078	26.6168	3.9049	1.00000
2100	3.9160	0.7110	1.0074	26.8283	3.9249	1.00000
2200	3.9385	0.6909	1.0071	27.0307	3.9451	1.00000
2300	3.9598	0.6717	1.0068	27.2252	3.9632	1.00000
2400	3.9802	0.6534	1.0065	27.4119	3.9807	1.00000
2500	3.9998	0.6358	1.0062	27.5916	3.9981	1.00000
2600	4.0185	0.6188	1.0060	27.7644	4.0138	1.00000
2700	4.0365	0.6025	1.0058	27.9314	4.0285	1.00000
2800	4.0539	0.5868	1.0056	28.0927	4.0435	1.00000
2900	4.0706	0.5717	1.0054	28.2485	4.0572	1.00000
3000	4.0867	0.5570	1.0052	28.3995	4.0700	1.00000
3100	4.1023	0.5429	1.0051	28.5458	4.0831	1.00000

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3200	4.1174	0.5291	1.0049	28.6876	4.0948	1.00000
3300	4.1320	0.5158	1.0048	28.8255	4.1065	1.00001
3400	4.1462	0.5029	1.0046	28.9593	4.1182	1.00001
3500	4.1598	0.4904	1.0045	29.0897	4.1284	1.00002
3600	4.1732	0.4782	1.0044	29.2165	4.1390	1.00002
3700	4.1861	0.4664	1.0042	29.3403	4.1487	1.00004
3800	4.1988	0.4548	1.0041	29.4612	4.1594	1.00006
3900	4.2111	0.4436	1.0041	29.5794	4.1694	1.00009
4000	4.2231	0.4326	1.0040	29.6951	4.1790	1.00014
4100	4.2349	0.4219	1.0040	29.8087	4.1892	1.00019
4200	4.2464	0.4115	1.0039	29.9199	4.1992	1.00028
4300	4.2578	0.4012	1.0039	30.0292	4.2102	1.00039
4400	4.2688	0.3912	1.0040	30.1369	4.2204	1.00052
4500	4.2798	0.3814	1.0041	30.2431	4.2323	1.00070
4600	4.2906	0.3718	1.0042	30.3486	4.2443	1.00094
4700	4.3013	0.3624	1.0045	30.4539	4.2580	1.00123
4800	4.3121	0.3531	1.0048	30.5595	4.2738	1.00160
4900	4.3229	0.3440	1.0051	30.6658	4.2920	1.00206
5000	4.3337	0.3350	1.0056	30.7731	4.3121	1.00261
5100	4.3436	0.3261	1.0063	30.8692	4.3252	1.00329
5200	4.3543	0.3173	1.0071	30.9766	4.3479	1.00411
5300	4.3651	0.3087	1.0080	31.0861	4.3737	1.00508
5400	4.3762	0.3001	1.0091	31.1980	4.4031	1.00625
5500	4.3874	0.2915	1.0104	31.3128	4.4361	1.00762
5600	4.3988	0.2831	1.0120	31.4307	4.4732	1.00923
5700	4.4105	0.2746	1.0138	31.5523	4.5147	1.01111
5800	4.4225	0.2661	1.0159	31.6781	4.5610	1.01329
5900	4.4348	0.2576	1.0184	31.8087	4.6127	1.01581
6000	4.4475	0.2491	1.0212	31.9448	4.6702	1.01870
6100	4.4606	0.2406	1.0245	32.0867	4.7339	1.02199
6200	4.4740	0.2319	1.0282	32.2354	4.8045	1.02573
6300	4.4880	0.2232	1.0324	32.3914	4.8826	1.02997
6400	4.5024	0.2144	1.0371	32.5556	4.9686	1.03475
6500	4.5174	0.2054	1.0424	32.7285	5.0633	1.04010
6600	4.5328	0.1963	1.0484	32.9110	5.1673	1.04610
6700	4.5488	0.1871	1.0550	33.1038	5.2811	1.05277
6800	4.5653	0.1776	1.0624	33.3071	5.4050	1.06018
6900	4.5823	0.1679	1.0705	33.5220	5.5396	1.06838
7000	4.5998	0.1581	1.0795	33.7488	5.6852	1.07740
7100	4.6178	0.1479	1.0894	33.9880	5.8424	1.08732
7200	4.6363	0.1376	1.1002	34.2405	6.0115	1.09817
7300	4.6552	0.1269	1.1121	34.5066	6.1930	1.11002
7400	4.6746	0.1160	1.1249	34.7869	6.3874	1.12289
7500	4.6943	0.1049	1.1388	35.0819	6.5948	1.13685
7600	4.7143	0.0934	1.1539	35.3919	6.8155	1.15192
7700	4.7347	0.0817	1.1701	35.7172	7.0496	1.16813
7800	4.7553	0.0697	1.1874	36.0581	7.2975	1.18552
7900	4.7761	0.0574	1.2060	36.4146	7.5588	1.20411
8000	4.7970	0.0449	1.2257	36.7865	7.8333	1.22389
8100	4.8181	0.0321	1.2467	37.1737	8.1209	1.24487
8200	4.8392	0.0192	1.2688	37.5753	8.4206	1.26701
8300	4.8602	0.0060	1.2921	37.9909	8.7317	1.29029
8400	4.8811	-0.0073	1.3164	38.4190	9.0530	1.31465
8500	4.9018	-0.0207	1.3418	38.8587	9.3832	1.34003
8600	4.9222	-0.0342	1.3680	39.3082	9.7207	1.36631

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8700	4.9423	-0.0477	1.3951	39.7657	10.0635	1.39340
8800	4.9619	-0.0612	1.4228	40.2293	10.4098	1.42115
8900	4.9811	-0.0747	1.4511	40.6967	10.7573	1.44942
9000	4.9997	-0.0880	1.4797	41.1654	11.1038	1.47803
9100	5.0177	-0.1012	1.5084	41.6330	11.4467	1.50680
9200	5.0351	-0.1141	1.5371	42.0970	11.7837	1.53556
9300	5.0517	-0.1268	1.5657	42.5552	12.1126	1.56413
9400	5.0676	-0.1392	1.5938	43.0050	12.4314	1.59231
9500	5.0828	-0.1512	1.6215	43.4446	12.7378	1.61995
9600	5.0972	-0.1629	1.6484	43.8720	13.0304	1.64691
9700	5.1109	-0.1742	1.6744	44.2856	13.3077	1.67302
9800	5.1238	-0.1852	1.6995	44.6840	13.5684	1.69817
9900	5.1359	-0.1957	1.7236	45.0662	13.8117	1.72224
10000	5.1473	-0.2058	1.7464	45.4315	14.0371	1.74515
10100	5.1580	-0.2154	1.7681	45.7793	14.2442	1.76684
10200	5.1685	-0.2249	1.7895	46.1243	14.4495	1.78838
10300	5.1778	-0.2338	1.8087	46.4376	14.6210	1.80766
10400	5.1866	-0.2423	1.8267	46.7339	14.7753	1.82569
10500	5.1948	-0.2504	1.8435	47.0137	14.9131	1.84252
10600	5.2025	-0.2582	1.8592	47.2798	15.0373	1.85833
10700	5.2097	-0.2657	1.8738	47.5312	15.1468	1.87304
10800	5.2165	-0.2729	1.8874	47.7691	15.2434	1.88672
10900	5.2229	-0.2798	1.9001	47.9956	15.3290	1.89954
11000	5.2290	-0.2865	1.9119	48.2105	15.4036	1.91147
11100	5.2348	-0.2929	1.9229	48.4151	15.4684	1.92260
11200	5.2403	-0.2991	1.9332	48.6110	15.5254	1.93306
11300	5.2455	-0.3051	1.9428	48.7977	15.5738	1.94278
11400	5.2505	-0.3110	1.9518	48.9775	15.6162	1.95197
11500	5.2553	-0.3166	1.9604	49.1515	15.6537	1.96070
11600	5.2599	-0.3222	1.9684	49.3187	15.6852	1.96889
11700	5.2645	-0.3276	1.9760	49.4816	15.7132	1.97672
11800	5.2688	-0.3329	1.9833	49.6398	15.7377	1.98419
11900	5.2731	-0.3381	1.9903	49.7948	15.7597	1.99140
12000	5.2773	-0.3431	1.9969	49.9460	15.7789	1.99831
12100	5.2814	-0.3482	2.0034	50.0949	15.7968	2.00504
12200	5.2854	-0.3531	2.0097	50.2417	15.8134	2.01159
12300	5.2894	-0.3580	2.0158	50.3871	15.8297	2.01804
12400	5.2933	-0.3628	2.0218	50.5307	15.8450	2.02435
12500	5.2972	-0.3675	2.0278	50.6737	15.8607	2.03061
12600	5.3011	-0.3723	2.0337	50.8160	15.8765	2.03684
12700	5.3050	-0.3769	2.0395	50.9581	15.8930	2.04304
12800	5.3089	-0.3816	2.0453	51.1001	15.9103	2.04926
12900	5.3128	-0.3862	2.0512	51.2426	15.9290	2.05553
13000	5.3167	-0.3908	2.0571	51.3856	15.9487	2.06186
13100	5.3206	-0.3954	2.0630	51.5291	15.9701	2.06825
13200	5.3245	-0.3999	2.0690	51.6737	15.9931	2.07474
13300	5.3285	-0.4045	2.0751	51.8193	16.0180	2.08134
13400	5.3324	-0.4090	2.0813	51.9664	16.0450	2.08808
13500	5.3365	-0.4136	2.0876	52.1146	16.0738	2.09495
13600	5.3405	-0.4181	2.0941	52.2648	16.1052	2.10199
13700	5.3446	-0.4227	2.1007	52.4163	16.1388	2.10919
13800	5.3487	-0.4272	2.1074	52.5700	16.1749	2.11657
13900	5.3529	-0.4318	2.1143	52.7254	16.2133	2.12415
14000	5.3571	-0.4364	2.1214	52.8842	16.2557	2.13192
14100	5.3614	-0.4409	2.1287	53.0424	16.2982	2.13992

LOG P= 1.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14200	5.3657	-0.4455	2.1361	53.2043	16.3447	2.14814
14300	5.3700	-0.4501	2.1438	53.3684	16.3939	2.15658
14400	5.3744	-0.4547	2.1516	53.5350	16.4462	2.16527
14500	5.3789	-0.4594	2.1597	53.7039	16.5011	2.17420
14600	5.3834	-0.4640	2.1680	53.8751	16.5587	2.18337
14700	5.3879	-0.4687	2.1765	54.0491	16.6195	2.19282
14800	5.3925	-0.4734	2.1853	54.2257	16.6831	2.20253
14900	5.3972	-0.4781	2.1943	54.4048	16.7497	2.21252
15000	5.4019	-0.4828	2.2035	54.5866	16.8192	2.22277

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7895	1.8817	0.8990	17.3895	3.0796	1.00000
300	3.0075	1.6604	0.9974	18.9998	3.3915	1.00000
400	3.1416	1.5269	1.0172	20.0458	3.4634	1.00000
500	3.2438	1.4278	1.0224	20.8565	3.5059	1.00000
600	3.3255	1.3483	1.0232	21.5100	3.5264	1.00000
700	3.3942	1.2817	1.0225	22.0629	3.5406	1.00000
800	3.4567	1.2243	1.0211	22.6434	3.5778	1.00000
900	3.5114	1.1739	1.0193	23.0959	3.6073	1.00000
1000	3.5606	1.1289	1.0175	23.5082	3.6356	1.00000
1100	3.6055	1.0881	1.0160	23.8856	3.6652	1.00000
1200	3.6467	1.0509	1.0146	24.2352	3.6945	1.00000
1300	3.6849	1.0167	1.0135	24.5608	3.7233	1.00000
1400	3.7203	0.9848	1.0126	24.8660	3.7514	1.00000
1500	3.7534	0.9552	1.0120	25.1528	3.7785	1.00000
1600	3.7844	0.9274	1.0114	25.4229	3.8040	1.00000
1700	3.8135	0.9013	1.0109	25.6787	3.8283	1.00000
1800	3.8410	0.8766	1.0104	25.9219	3.8520	1.00000
1900	3.8670	0.8533	1.0100	26.1534	3.8747	1.00000
2000	3.8928	0.8312	1.0096	26.3863	3.9066	1.00000
2100	3.9162	0.8102	1.0093	26.5978	3.9266	1.00000
2200	3.9387	0.7901	1.0089	26.8003	3.9468	1.00000
2300	3.9600	0.7710	1.0085	26.9949	3.9649	1.00000
2400	3.9804	0.7527	1.0082	27.1816	3.9823	1.00000
2500	4.0000	0.7351	1.0079	27.3613	3.9997	1.00000
2600	4.0187	0.7182	1.0076	27.5342	4.0153	1.00000
2700	4.0367	0.7019	1.0073	27.7012	4.0300	1.00000
2800	4.0541	0.6862	1.0070	27.8625	4.0450	1.00000
2900	4.0708	0.6711	1.0068	28.0183	4.0586	1.00000
3000	4.0869	0.6565	1.0065	28.1693	4.0713	1.00000
3100	4.1025	0.6423	1.0063	28.3155	4.0844	1.00000
3200	4.1175	0.6286	1.0062	28.4573	4.0960	1.00000
3300	4.1321	0.6153	1.0060	28.5952	4.1077	1.00001
3400	4.1463	0.6024	1.0058	28.7290	4.1193	1.00001
3500	4.1600	0.5899	1.0056	28.8594	4.1295	1.00002
3600	4.1733	0.5777	1.0055	28.9863	4.1402	1.00002
3700	4.1862	0.5659	1.0053	29.1100	4.1497	1.00004
3800	4.1989	0.5544	1.0052	29.2308	4.1603	1.00005
3900	4.2112	0.5432	1.0051	29.3488	4.1701	1.00008
4000	4.2232	0.5322	1.0050	29.4643	4.1795	1.00013
4100	4.2349	0.5215	1.0049	29.5776	4.1895	1.00017
4200	4.2464	0.5110	1.0049	29.6886	4.1991	1.00025
4300	4.2577	0.5008	1.0049	29.7975	4.2099	1.00035

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4400	4.2687	0.4908	1.0049	29.9048	4.2197	1.00046
4500	4.2797	0.4810	1.0050	30.0105	4.2310	1.00063
4600	4.2904	0.4714	1.0051	30.1154	4.2424	1.00084
4700	4.3010	0.4620	1.0053	30.2200	4.2555	1.00110
4800	4.3117	0.4528	1.0055	30.3248	4.2705	1.00143
4900	4.3224	0.4437	1.0058	30.4301	4.2879	1.00183
5000	4.3332	0.4348	1.0061	30.5365	4.3071	1.00232
5100	4.3428	0.4259	1.0067	30.6301	4.3178	1.00293
5200	4.3533	0.4172	1.0074	30.7354	4.3385	1.00366
5300	4.3640	0.4086	1.0082	30.8426	4.3622	1.00453
5400	4.3748	0.4001	1.0091	30.9516	4.3890	1.00557
5500	4.3857	0.3916	1.0103	31.0632	4.4190	1.00679
5600	4.3968	0.3832	1.0117	31.1773	4.4527	1.00823
5700	4.4081	0.3748	1.0133	31.2945	4.4903	1.00990
5800	4.4197	0.3664	1.0151	31.4155	4.5322	1.01185
5900	4.4316	0.3581	1.0173	31.5405	4.5788	1.01409
6000	4.4438	0.3497	1.0198	31.6702	4.6306	1.01666
6100	4.4563	0.3413	1.0227	31.8051	4.6879	1.01960
6200	4.4692	0.3329	1.0260	31.9458	4.7514	1.02293
6300	4.4825	0.3243	1.0297	32.0930	4.8215	1.02671
6400	4.4963	0.3157	1.0339	32.2473	4.8987	1.03097
6500	4.5105	0.3070	1.0386	32.4092	4.9837	1.03575
6600	4.5252	0.2982	1.0439	32.5798	5.0770	1.04109
6700	4.5403	0.2892	1.0499	32.7593	5.1790	1.04704
6800	4.5560	0.2800	1.0564	32.9483	5.2901	1.05365
6900	4.5721	0.2707	1.0637	33.1474	5.4108	1.06096
7000	4.5887	0.2612	1.0717	33.3573	5.5413	1.06902
7100	4.6058	0.2515	1.0805	33.5781	5.6822	1.07788
7200	4.6233	0.2416	1.0902	33.8107	5.8338	1.08758
7300	4.6412	0.2314	1.1007	34.0555	5.9967	1.09817
7400	4.6596	0.2210	1.1122	34.3131	6.1711	1.10969
7500	4.6783	0.2103	1.1247	34.5839	6.3573	1.12219
7600	4.6974	0.1994	1.1382	34.8685	6.5557	1.13570
7700	4.7169	0.1882	1.1527	35.1669	6.7666	1.15027
7800	4.7366	0.1767	1.1683	35.4797	6.9902	1.16592
7900	4.7565	0.1650	1.1850	35.8070	7.2264	1.18267
8000	4.7767	0.1531	1.2029	36.1489	7.4752	1.20055
8100	4.7970	0.1409	1.2219	36.5053	7.7367	1.21956
8200	4.8175	0.1285	1.2420	36.8758	8.0101	1.23969
8300	4.8379	0.1158	1.2632	37.2601	8.2950	1.26094
8400	4.8583	0.1031	1.2855	37.6572	8.5906	1.28327
8500	4.8786	0.0901	1.3088	38.0665	8.8961	1.30663
8600	4.8988	0.0770	1.3331	38.4866	9.2100	1.33096
8700	4.9187	0.0639	1.3583	38.9163	9.5311	1.35619
8800	4.9383	0.0507	1.3843	39.3541	9.8579	1.38221
8900	4.9575	0.0375	1.4110	39.7981	10.1885	1.40890
9000	4.9763	0.0243	1.4382	40.2463	10.5209	1.43613
9100	4.9946	0.0113	1.4658	40.6968	10.8533	1.46376
9200	5.0124	-0.0016	1.4936	41.1473	11.1834	1.49163
9300	5.0295	-0.0144	1.5216	41.5959	11.5091	1.51958
9400	5.0461	-0.0269	1.5494	42.0400	11.8285	1.54745
9500	5.0619	-0.0391	1.5770	42.4778	12.1393	1.57505
9600	5.0771	-0.0511	1.6041	42.9070	12.4397	1.60226
9700	5.0915	-0.0628	1.6307	43.3259	12.7283	1.62890
9800	5.1053	-0.0740	1.6566	43.7328	13.0035	1.65481

LOG P= 1.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9900	5.1183	-0.0850	1.6816	44.1264	13.2639	1.67988
10000	5.1306	-0.0955	1.7057	44.5056	13.5085	1.70399
10100	5.1422	-0.1056	1.7287	44.8694	13.7367	1.72707
10200	5.1537	-0.1157	1.7518	45.2332	13.9659	1.75020
10300	5.1639	-0.1250	1.7726	45.5652	14.1609	1.77108
10400	5.1735	-0.1340	1.7922	45.8806	14.3386	1.79078
10500	5.1826	-0.1426	1.8107	46.1798	14.5000	1.80931
10600	5.1911	-0.1509	1.8281	46.4653	14.6472	1.82682
10700	5.1990	-0.1588	1.8444	46.7354	14.7792	1.84320
10800	5.2065	-0.1664	1.8596	46.9914	14.8970	1.85851
10900	5.2136	-0.1738	1.8739	47.2352	15.0030	1.87290
11000	5.2203	-0.1808	1.8872	47.4664	15.0967	1.88634
11100	5.2266	-0.1876	1.8996	47.6861	15.1794	1.89888
11200	5.2326	-0.1941	1.9113	47.8960	15.2528	1.91067
11300	5.2382	-0.2004	1.9220	48.0952	15.3163	1.92159
11400	5.2436	-0.2066	1.9322	48.2865	15.3722	1.93191
11500	5.2488	-0.2125	1.9418	48.4708	15.4221	1.94169
11600	5.2538	-0.2183	1.9507	48.6470	15.4645	1.95080
11700	5.2586	-0.2239	1.9592	48.8177	15.5025	1.95948
11800	5.2632	-0.2293	1.9672	48.9827	15.5352	1.96770
11900	5.2677	-0.2347	1.9749	49.1434	15.5648	1.97559
12000	5.2720	-0.2399	1.9822	49.2991	15.5902	1.98307
12100	5.2763	-0.2451	1.9891	49.4517	15.6133	1.99030
12200	5.2804	-0.2501	1.9958	49.6011	15.6342	1.99727
12300	5.2845	-0.2550	2.0024	49.7484	15.6538	2.00407
12400	5.2885	-0.2599	2.0086	49.8929	15.6714	2.01064
12500	5.2925	-0.2648	2.0148	50.0362	15.6887	2.01712
12600	5.2964	-0.2695	2.0208	50.1779	15.7054	2.02349
12700	5.3003	-0.2742	2.0268	50.3186	15.7219	2.02978
12800	5.3042	-0.2789	2.0326	50.4586	15.7384	2.03601
12900	5.3080	-0.2835	2.0385	50.5986	15.7559	2.04226
13000	5.3119	-0.2881	2.0443	50.7382	15.7737	2.04851
13100	5.3157	-0.2927	2.0501	50.8780	15.7926	2.05476
13200	5.3196	-0.2972	2.0559	51.0181	15.8126	2.06107
13300	5.3234	-0.3017	2.0618	51.1587	15.8337	2.06743
13400	5.3273	-0.3062	2.0678	51.3003	15.8566	2.07389
13500	5.3312	-0.3107	2.0738	51.4425	15.8809	2.08044
13600	5.3351	-0.3152	2.0799	51.5862	15.9072	2.08711
13700	5.3391	-0.3197	2.0861	51.7309	15.9354	2.09391
13800	5.3431	-0.3241	2.0924	51.8770	15.9654	2.10084
13900	5.3471	-0.3286	2.0988	52.0247	15.9976	2.10794
14000	5.3512	-0.3331	2.1054	52.1750	16.0333	2.11519
14100	5.3552	-0.3375	2.1121	52.3248	16.0688	2.12262
14200	5.3593	-0.3420	2.1190	52.4775	16.1078	2.13024
14300	5.3635	-0.3465	2.1260	52.6321	16.1492	2.13806
14400	5.3677	-0.3510	2.1333	52.7888	16.1932	2.14608
14500	5.3719	-0.3555	2.1407	52.9476	16.2397	2.15430
14600	5.3762	-0.3600	2.1482	53.1082	16.2887	2.16274
14700	5.3806	-0.3646	2.1560	53.2712	16.3403	2.17143
14800	5.3850	-0.3691	2.1640	53.4365	16.3945	2.18034
14900	5.3894	-0.3737	2.1722	53.6040	16.4514	2.18950
15000	5.3939	-0.3783	2.1806	53.7738	16.5110	2.19889

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7733	1.9917	0.8783	17.0727	2.9667	1.00000
300	3.0044	1.7599	0.9987	18.7458	3.3673	1.00000
400	3.1403	1.6248	1.0223	19.8007	3.4530	1.00000
500	3.2434	1.5253	1.0284	20.6178	3.5033	1.00000
600	3.3255	1.4457	1.0293	21.2741	3.5268	1.00000
700	3.3944	1.3792	1.0283	21.8288	3.5427	1.00000
800	3.4571	1.3219	1.0266	22.4107	3.5808	1.00000
900	3.5119	1.2715	1.0248	22.8643	3.6110	1.00000
1000	3.5611	1.2266	1.0229	23.2774	3.6397	1.00000
1100	3.6060	1.1859	1.0211	23.6553	3.6694	1.00000
1200	3.6472	1.1489	1.0194	24.0050	3.6985	1.00000
1300	3.6853	1.1148	1.0178	24.3307	3.7270	1.00000
1400	3.7207	1.0832	1.0165	24.6357	3.7547	1.00000
1500	3.7537	1.0537	1.0154	24.9223	3.7814	1.00000
1600	3.7846	1.0261	1.0144	25.1922	3.8065	1.00000
1700	3.8137	1.0001	1.0136	25.4478	3.8306	1.00000
1800	3.8412	0.9756	1.0130	25.6910	3.8542	1.00000
1900	3.8672	0.9523	1.0124	25.9226	3.8767	1.00000
2000	3.8931	0.9302	1.0119	26.1556	3.9086	1.00000
2100	3.9164	0.9093	1.0114	26.3671	3.9285	1.00000
2200	3.9389	0.8892	1.0110	26.5697	3.9487	1.00000
2300	3.9602	0.8701	1.0106	26.7643	3.9668	1.00000
2400	3.9806	0.8518	1.0102	26.9512	3.9842	1.00000
2500	4.0002	0.8342	1.0098	27.1309	4.0016	1.00000
2600	4.0189	0.8173	1.0095	27.3039	4.0172	1.00000
2700	4.0369	0.8011	1.0092	27.4709	4.0319	1.00000
2800	4.0543	0.7854	1.0088	27.6322	4.0468	1.00000
2900	4.0710	0.7703	1.0085	27.7880	4.0604	1.00000
3000	4.0870	0.7557	1.0082	27.9390	4.0730	1.00000
3100	4.1027	0.7416	1.0080	28.0853	4.0860	1.00000
3200	4.1177	0.7279	1.0077	28.2271	4.0977	1.00000
3300	4.1323	0.7147	1.0075	28.3650	4.1092	1.00000
3400	4.1465	0.7018	1.0072	28.4989	4.1209	1.00001
3500	4.1601	0.6893	1.0070	28.6293	4.1311	1.00001
3600	4.1735	0.6772	1.0068	28.7561	4.1417	1.00002
3700	4.1864	0.6653	1.0066	28.8799	4.1512	1.00003
3800	4.1990	0.6538	1.0064	29.0005	4.1616	1.00005
3900	4.2113	0.6426	1.0063	29.1184	4.1712	1.00007
4000	4.2233	0.6317	1.0062	29.2336	4.1803	1.00011
4100	4.2350	0.6210	1.0061	29.3466	4.1900	1.00016
4200	4.2464	0.6105	1.0061	29.4573	4.1993	1.00023
4300	4.2577	0.6003	1.0061	29.5659	4.2098	1.00031
4400	4.2687	0.5903	1.0061	29.6729	4.2193	1.00041
4500	4.2796	0.5805	1.0062	29.7782	4.2303	1.00056
4600	4.2902	0.5710	1.0062	29.8826	4.2412	1.00074
4700	4.3009	0.5616	1.0063	29.9867	4.2537	1.00098
4800	4.3115	0.5524	1.0065	30.0908	4.2682	1.00127
4900	4.3221	0.5433	1.0067	30.1955	4.2849	1.00163
5000	4.3328	0.5345	1.0069	30.3010	4.3034	1.00207
5100	4.3422	0.5256	1.0074	30.3919	4.3115	1.00261
5200	4.3526	0.5170	1.0079	30.4954	4.3306	1.00326
5300	4.3630	0.5084	1.0086	30.6004	4.3523	1.00404
5400	4.3736	0.4999	1.0094	30.7070	4.3768	1.00496
5500	4.3842	0.4915	1.0104	30.8156	4.4042	1.00605
5600	4.3951	0.4832	1.0116	30.9264	4.4348	1.00733

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.4061	0.4749	1.0130	31.0398	4.4689	1.00882
5800	4.4173	0.4666	1.0147	31.1563	4.5068	1.01056
5900	4.4288	0.4584	1.0166	31.2764	4.5489	1.01256
6000	4.4405	0.4501	1.0188	31.4005	4.5956	1.01485
6100	4.4525	0.4419	1.0214	31.5291	4.6472	1.01747
6200	4.4649	0.4336	1.0243	31.6626	4.7043	1.02044
6300	4.4776	0.4252	1.0276	31.8020	4.7673	1.02381
6400	4.4907	0.4168	1.0313	31.9474	4.8366	1.02760
6500	4.5043	0.4083	1.0355	32.0997	4.9129	1.03187
6600	4.5182	0.3997	1.0402	32.2596	4.9967	1.03663
6700	4.5326	0.3910	1.0455	32.4274	5.0882	1.04193
6800	4.5475	0.3822	1.0513	32.6035	5.1879	1.04783
6900	4.5628	0.3732	1.0578	32.7886	5.2961	1.05435
7000	4.5785	0.3640	1.0649	32.9831	5.4131	1.06154
7100	4.5947	0.3546	1.0728	33.1874	5.5394	1.06945
7200	4.6113	0.3451	1.0814	33.4021	5.6753	1.07811
7300	4.6283	0.3353	1.0908	33.6279	5.8213	1.08757
7400	4.6458	0.3254	1.1010	33.8650	5.9778	1.09787
7500	4.6636	0.3152	1.1122	34.1140	6.1449	1.10906
7600	4.6817	0.3047	1.1243	34.3753	6.3232	1.12116
7700	4.7003	0.2940	1.1373	34.6492	6.5127	1.13422
7800	4.7191	0.2831	1.1513	34.9364	6.7140	1.14828
7900	4.7382	0.2719	1.1663	35.2369	6.9270	1.16334
8000	4.7575	0.2605	1.1824	35.5509	7.1518	1.17945
8100	4.7771	0.2489	1.1995	35.8785	7.3886	1.19662
8200	4.7967	0.2370	1.2177	36.2196	7.6370	1.21485
8300	4.8165	0.2250	1.2370	36.5739	7.8967	1.23415
8400	4.8363	0.2127	1.2573	36.9409	8.1671	1.25450
8500	4.8562	0.2002	1.2786	37.3202	8.4477	1.27587
8600	4.8759	0.1876	1.3010	37.7109	8.7377	1.29824
8700	4.8955	0.1749	1.3242	38.1121	9.0358	1.32155
8800	4.9149	0.1621	1.3484	38.5227	9.3412	1.34573
8900	4.9340	0.1492	1.3733	38.9412	9.6521	1.37070
9000	4.9528	0.1364	1.3989	39.3661	9.9672	1.39634
9100	4.9712	0.1235	1.4251	39.7958	10.2849	1.42255
9200	4.9892	0.1107	1.4517	40.2283	10.6031	1.44919
9300	5.0067	0.0981	1.4786	40.6619	10.9202	1.47614
9400	5.0237	0.0855	1.5057	41.0945	11.2343	1.50324
9500	5.0401	0.0732	1.5328	41.5242	11.5434	1.53035
9600	5.0558	0.0611	1.5597	41.9491	11.8460	1.55734
9700	5.0710	0.0492	1.5864	42.3671	12.1400	1.58402
9800	5.0855	0.0377	1.6126	42.7768	12.4238	1.61025
9900	5.0993	0.0264	1.6382	43.1763	12.6959	1.63590
10000	5.1124	0.0155	1.6630	43.5643	12.9552	1.66082
10100	5.1249	0.0049	1.6870	43.9397	13.2004	1.68491
10200	5.1373	-0.0056	1.7114	44.3182	13.4498	1.70931
10300	5.1485	-0.0154	1.7336	44.6656	13.6651	1.73155
10400	5.1589	-0.0248	1.7547	44.9978	13.8642	1.75270
10500	5.1688	-0.0339	1.7746	45.3143	14.0474	1.77276
10600	5.1781	-0.0426	1.7936	45.6178	14.2168	1.79187
10700	5.1869	-0.0510	1.8116	45.9060	14.3709	1.80987
10800	5.1951	-0.0591	1.8284	46.1800	14.5104	1.82679
10900	5.2029	-0.0669	1.8443	46.4416	14.6377	1.84280
11000	5.2102	-0.0743	1.8591	46.6898	14.7517	1.85779
11100	5.2172	-0.0815	1.8731	46.9257	14.8536	1.87183

LOG P= 1.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.2237	-0.0884	1.8862	47.1511	14.9455	1.88507
11300	5.2299	-0.0951	1.8983	47.3645	15.0257	1.89736
11400	5.2358	-0.1015	1.9098	47.5692	15.0977	1.90897
11500	5.2415	-0.1077	1.9206	47.7658	15.1621	1.91995
11600	5.2468	-0.1138	1.9306	47.9530	15.2177	1.93017
11700	5.2520	-0.1196	1.9401	48.1337	15.2675	1.93987
11800	5.2569	-0.1253	1.9491	48.3075	15.3112	1.94903
11900	5.2617	-0.1309	1.9576	48.4760	15.3502	1.95776
12000	5.2663	-0.1363	1.9656	48.6383	15.3840	1.96598
12100	5.2707	-0.1416	1.9733	48.7965	15.4145	1.97388
12200	5.2751	-0.1468	1.9806	48.9507	15.4416	1.98144
12300	5.2793	-0.1518	1.9876	49.1017	15.4663	1.98875
12400	5.2834	-0.1568	1.9943	49.2490	15.4883	1.99575
12500	5.2875	-0.1617	2.0009	49.3943	15.5090	2.00260
12600	5.2915	-0.1666	2.0072	49.5372	15.5283	2.00925
12700	5.2954	-0.1713	2.0133	49.6782	15.5466	2.01577
12800	5.2993	-0.1760	2.0194	49.8179	15.5641	2.02216
12900	5.3032	-0.1807	2.0253	49.9569	15.5819	2.02852
13000	5.3071	-0.1853	2.0312	50.0948	15.5995	2.03481
13100	5.3109	-0.1899	2.0370	50.2323	15.6173	2.04106
13200	5.3147	-0.1944	2.0428	50.3695	15.6358	2.04730
13300	5.3185	-0.1989	2.0486	50.5066	15.6548	2.05355
13400	5.3223	-0.2034	2.0544	50.6442	15.6749	2.05986
13500	5.3261	-0.2079	2.0602	50.7819	15.6961	2.06620
13600	5.3300	-0.2123	2.0661	50.9205	15.7187	2.07263
13700	5.3338	-0.2167	2.0720	51.0597	15.7428	2.07913
13800	5.3377	-0.2211	2.0780	51.1999	15.7683	2.08574
13900	5.3416	-0.2255	2.0841	51.3412	15.7957	2.09247
14000	5.3455	-0.2299	2.0903	51.4845	15.8257	2.09931
14100	5.3494	-0.2343	2.0966	51.6271	15.8557	2.10629
14200	5.3534	-0.2387	2.1030	51.7722	15.8886	2.11343
14300	5.3574	-0.2431	2.1096	51.9187	15.9233	2.12072
14400	5.3614	-0.2475	2.1162	52.0669	15.9606	2.12818
14500	5.3655	-0.2519	2.1231	52.2168	15.9998	2.13582
14600	5.3696	-0.2563	2.1300	52.3683	16.0412	2.14364
14700	5.3737	-0.2608	2.1372	52.5218	16.0852	2.15167
14800	5.3779	-0.2652	2.1445	52.6770	16.1313	2.15989
14900	5.3822	-0.2696	2.1520	52.8344	16.1797	2.16832
15000	5.3864	-0.2741	2.1596	52.9936	16.2305	2.17697

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7513	2.1022	0.8574	16.7309	2.8204	1.00000
300	3.0006	1.8588	1.0011	18.4864	3.3380	1.00000
400	3.1387	1.7219	1.0291	19.5524	3.4409	1.00000
500	3.2431	1.6220	1.0362	20.3773	3.5005	1.00000
600	3.3256	1.5425	1.0370	21.0370	3.5275	1.00000
700	3.3948	1.4761	1.0355	21.5939	3.5453	1.00000
800	3.4575	1.4190	1.0335	22.1771	3.5845	1.00000
900	3.5124	1.3688	1.0312	22.6318	3.6152	1.00000
1000	3.5616	1.3240	1.0290	23.0457	3.6442	1.00000
1100	3.6065	1.2835	1.0269	23.4243	3.6740	1.00000
1200	3.6478	1.2465	1.0250	23.7745	3.7033	1.00000
1300	3.6859	1.2125	1.0233	24.1005	3.7317	1.00000

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.7212	1.1810	1.0216	24.4056	3.7593	1.00000
1500	3.7542	1.1517	1.0201	24.6922	3.7856	1.00000
1600	3.7851	1.1242	1.0188	24.9621	3.8104	1.00000
1700	3.8141	1.0984	1.0176	25.2176	3.8342	1.00000
1800	3.8416	1.0740	1.0166	25.4606	3.8575	1.00000
1900	3.8675	1.0509	1.0158	25.6920	3.8796	1.00000
2000	3.8934	1.0289	1.0150	25.9249	3.9113	1.00000
2100	3.9167	1.0080	1.0143	26.1364	3.9310	1.00000
2200	3.9391	0.9881	1.0137	26.3390	3.9511	1.00000
2300	3.9604	0.9690	1.0132	26.5337	3.9692	1.00000
2400	3.9808	0.9507	1.0127	26.7206	3.9865	1.00000
2500	4.0004	0.9332	1.0123	26.9004	4.0038	1.00000
2600	4.0191	0.9163	1.0119	27.0733	4.0194	1.00000
2700	4.0371	0.9001	1.0115	27.2404	4.0340	1.00000
2800	4.0545	0.8845	1.0111	27.4018	4.0490	1.00000
2900	4.0712	0.8694	1.0107	27.5577	4.0625	1.00000
3000	4.0873	0.8548	1.0104	27.7087	4.0751	1.00000
3100	4.1029	0.8407	1.0101	27.8550	4.0881	1.00000
3200	4.1179	0.8271	1.0097	27.9969	4.0997	1.00000
3300	4.1325	0.8138	1.0094	28.1348	4.1112	1.00000
3400	4.1467	0.8010	1.0091	28.2687	4.1229	1.00001
3500	4.1603	0.7885	1.0088	28.3991	4.1330	1.00001
3600	4.1737	0.7764	1.0086	28.5261	4.1437	1.00002
3700	4.1866	0.7646	1.0083	28.6498	4.1531	1.00003
3800	4.1992	0.7531	1.0081	28.7704	4.1634	1.00004
3900	4.2115	0.7420	1.0079	28.8881	4.1728	1.00006
4000	4.2234	0.7310	1.0077	29.0031	4.1816	1.00010
4100	4.2351	0.7204	1.0075	29.1159	4.1910	1.00014
4200	4.2465	0.7100	1.0074	29.2262	4.2001	1.00020
4300	4.2578	0.6998	1.0073	29.3346	4.2102	1.00027
4400	4.2687	0.6898	1.0072	29.4412	4.2194	1.00037
4500	4.2796	0.6801	1.0072	29.5463	4.2301	1.00050
4600	4.2902	0.6706	1.0072	29.6503	4.2407	1.00066
4700	4.3008	0.6612	1.0072	29.7541	4.2529	1.00087
4800	4.3114	0.6520	1.0073	29.8578	4.2670	1.00113
4900	4.3220	0.6430	1.0074	29.9619	4.2833	1.00145
5000	4.3326	0.6342	1.0075	30.0669	4.3012	1.00184
5100	4.3417	0.6252	1.0083	30.1546	4.3063	1.00233
5200	4.3519	0.6166	1.0088	30.2565	4.3239	1.00290
5300	4.3621	0.6081	1.0093	30.3596	4.3438	1.00360
5400	4.3725	0.5997	1.0101	30.4640	4.3663	1.00442
5500	4.3830	0.5913	1.0109	30.5700	4.3913	1.00539
5600	4.3935	0.5831	1.0119	30.6778	4.4192	1.00653
5700	4.4043	0.5748	1.0132	30.7878	4.4502	1.00786
5800	4.4151	0.5667	1.0146	30.9004	4.4845	1.00940
5900	4.4262	0.5585	1.0163	31.0160	4.5226	1.01119
6000	4.4376	0.5504	1.0182	31.1351	4.5647	1.01323
6100	4.4492	0.5423	1.0205	31.2580	4.6113	1.01557
6200	4.4610	0.5341	1.0231	31.3853	4.6626	1.01821
6300	4.4732	0.5259	1.0260	31.5175	4.7193	1.02122
6400	4.4858	0.5177	1.0293	31.6552	4.7816	1.02460
6500	4.4987	0.5094	1.0330	31.7988	4.8502	1.02840
6600	4.5120	0.5010	1.0372	31.9491	4.9254	1.03265
6700	4.5257	0.4925	1.0418	32.1064	5.0075	1.03737
6800	4.5398	0.4839	1.0470	32.2710	5.0970	1.04263

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6900	4.5544	0.4752	1.0528	32.4435	5.1940	1.04845
7000	4.5693	0.4664	1.0591	32.6244	5.2990	1.05487
7100	4.5846	0.4573	1.0661	32.8140	5.4122	1.06193
7200	4.6004	0.4482	1.0738	33.0127	5.5340	1.06965
7300	4.6165	0.4388	1.0821	33.2213	5.6649	1.07810
7400	4.6330	0.4292	1.0913	33.4401	5.8051	1.08731
7500	4.6499	0.4194	1.1012	33.6695	5.9550	1.09731
7600	4.6672	0.4095	1.1120	33.9097	6.1150	1.10814
7700	4.6848	0.3993	1.1237	34.1615	6.2852	1.11983
7800	4.7027	0.3888	1.1362	34.4253	6.4661	1.13244
7900	4.7210	0.3782	1.1497	34.7013	6.6579	1.14596
8000	4.7395	0.3673	1.1641	34.9896	6.8607	1.16044
8100	4.7582	0.3562	1.1795	35.2907	7.0747	1.17591
8200	4.7771	0.3449	1.1960	35.6043	7.2996	1.19236
8300	4.7962	0.3333	1.2134	35.9305	7.5355	1.20983
8400	4.8154	0.3216	1.2318	36.2689	7.7818	1.22829
8500	4.8346	0.3096	1.2512	36.6195	8.0382	1.24776
8600	4.8538	0.2975	1.2716	36.9814	8.3042	1.26820
8700	4.8730	0.2853	1.2930	37.3540	8.5790	1.28959
8800	4.8920	0.2729	1.3152	37.7368	8.8618	1.31187
8900	4.9109	0.2605	1.3383	38.1284	9.1515	1.33501
9000	4.9295	0.2479	1.3622	38.5279	9.4470	1.35890
9100	4.9479	0.2354	1.3867	38.9339	9.7468	1.38348
9200	4.9659	0.2228	1.4118	39.3450	10.0497	1.40864
9300	4.9836	0.2103	1.4374	39.7595	10.3539	1.43428
9400	5.0008	0.1979	1.4634	40.1760	10.6581	1.46027
9500	5.0175	0.1856	1.4896	40.5927	10.9603	1.48652
9600	5.0338	0.1735	1.5159	41.0078	11.2590	1.51286
9700	5.0495	0.1615	1.5421	41.4195	11.5526	1.53916
9800	5.0645	0.1498	1.5682	41.8259	11.8391	1.56526
9900	5.0790	0.1383	1.5939	42.2256	12.1172	1.59102
10000	5.0929	0.1271	1.6191	42.6168	12.3853	1.61631
10100	5.1061	0.1162	1.6437	42.9982	12.6421	1.64097
10200	5.1194	0.1054	1.6689	43.3864	12.9070	1.66623
10300	5.1314	0.0951	1.6921	43.7450	13.1386	1.68949
10400	5.1427	0.0853	1.7144	44.0902	13.3558	1.71182
10500	5.1534	0.0757	1.7357	44.4215	13.5585	1.73318
10600	5.1636	0.0665	1.7561	44.7408	13.7484	1.75371
10700	5.1731	0.0577	1.7755	45.0457	13.9234	1.77320
10800	5.1822	0.0492	1.7939	45.3368	14.0841	1.79166
10900	5.1907	0.0410	1.8113	45.6157	14.2326	1.80924
11000	5.1988	0.0331	1.8278	45.8812	14.3674	1.82580
11100	5.2064	0.0255	1.8432	46.1338	14.4894	1.84139
11200	5.2136	0.0182	1.8579	46.3755	14.6007	1.85615
11300	5.2204	0.0111	1.8715	46.6044	14.6993	1.86990
11400	5.2268	0.0043	1.8843	46.8236	14.7886	1.88291
11500	5.2330	-0.0022	1.8965	47.0340	14.8695	1.89522
11600	5.2388	-0.0086	1.9078	47.2338	14.9403	1.90668
11700	5.2444	-0.0147	1.9185	47.4262	15.0042	1.91755
11800	5.2497	-0.0207	1.9285	47.6107	15.0607	1.92779
11900	5.2549	-0.0265	1.9380	47.7888	15.1116	1.93753
12000	5.2598	-0.0321	1.9469	47.9596	15.1559	1.94667
12100	5.2645	-0.0376	1.9554	48.1255	15.1956	1.95540
12200	5.2691	-0.0430	1.9635	48.2861	15.2311	1.96371
12300	5.2736	-0.0482	1.9712	48.4428	15.2633	1.97170

LOG P= 1.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12400	5.2779	-0.0534	1.9785	48.5948	15.2917	1.97930
12500	5.2821	-0.0584	1.9856	48.7439	15.3177	1.98666
12600	5.2862	-0.0633	1.9924	48.8898	15.3415	1.99377
12700	5.2903	-0.0682	1.9989	49.0331	15.3634	2.00065
12800	5.2943	-0.0730	2.0053	49.1740	15.3838	2.00737
12900	5.2982	-0.0777	2.0115	49.3137	15.4037	2.01397
13000	5.3021	-0.0824	2.0176	49.4516	15.4226	2.02045
13100	5.3060	-0.0870	2.0235	49.5884	15.4411	2.02683
13200	5.3098	-0.0915	2.0294	49.7243	15.4595	2.03314
13300	5.3136	-0.0961	2.0352	49.8594	15.4780	2.03942
13400	5.3174	-0.1006	2.0410	49.9946	15.4970	2.04569
13500	5.3211	-0.1050	2.0468	50.1292	15.5163	2.05195
13600	5.3249	-0.1094	2.0525	50.2642	15.5367	2.05825
13700	5.3287	-0.1138	2.0583	50.3993	15.5579	2.06458
13800	5.3325	-0.1182	2.0641	50.5349	15.5803	2.07097
13900	5.3363	-0.1226	2.0699	50.6711	15.6039	2.07744
14000	5.3401	-0.1269	2.0758	50.8089	15.6298	2.08398
14100	5.3439	-0.1313	2.0818	50.9457	15.6553	2.09064
14200	5.3477	-0.1356	2.0879	51.0845	15.6833	2.09741
14300	5.3516	-0.1399	2.0940	51.2243	15.7130	2.10428
14400	5.3555	-0.1442	2.1003	51.3653	15.7444	2.11130
14500	5.3594	-0.1486	2.1066	51.5077	15.7776	2.11845
14600	5.3634	-0.1529	2.1131	51.6514	15.8127	2.12575
14700	5.3673	-0.1572	2.1197	51.7967	15.8500	2.13324
14800	5.3714	-0.1615	2.1265	51.9434	15.8893	2.14088
14900	5.3754	-0.1659	2.1334	52.0918	15.9303	2.14870
15000	5.3795	-0.1702	2.1404	52.2419	15.9737	2.15670

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7257	2.2090	0.8438	16.3767	2.6587	1.00000
300	2.9962	1.9566	1.0062	18.2215	3.3042	1.00000
400	3.1370	1.8179	1.0386	19.3003	3.4268	1.00000
500	3.2427	1.7178	1.0462	20.1347	3.4975	1.00000
600	3.3258	1.6384	1.0467	20.7982	3.5286	1.00000
700	3.3952	1.5723	1.0449	21.3580	3.5489	1.00000
800	3.4581	1.5154	1.0421	21.9429	3.5891	1.00000
900	3.5130	1.4654	1.0392	22.3987	3.6205	1.00000
1000	3.5623	1.4208	1.0365	22.8134	3.6497	1.00000
1100	3.6072	1.3805	1.0339	23.1926	3.6797	1.00000
1200	3.6484	1.3437	1.0316	23.5433	3.7089	1.00000
1300	3.6865	1.3099	1.0295	23.8697	3.7372	1.00000
1400	3.7218	1.2785	1.0275	24.1751	3.7646	1.00000
1500	3.7548	1.2493	1.0258	24.4619	3.7908	1.00000
1600	3.7857	1.2219	1.0242	24.7319	3.8155	1.00000
1700	3.8147	1.1962	1.0228	24.9875	3.8390	1.00000
1800	3.8421	1.1719	1.0215	25.2305	3.8620	1.00000
1900	3.8680	1.1489	1.0203	25.4618	3.8838	1.00000
2000	3.8938	1.1271	1.0193	25.6947	3.9153	1.00000
2100	3.9171	1.1063	1.0183	25.9061	3.9347	1.00000
2200	3.9395	1.0865	1.0175	26.1086	3.9545	1.00000
2300	3.9608	1.0675	1.0167	26.3032	3.9724	1.00000
2400	3.9811	1.0493	1.0161	26.4900	3.9895	1.00000
2500	4.0007	1.0318	1.0155	26.6698	4.0067	1.00000

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	4.0194	1.0150	1.0149	26.8428	4.0222	1.00000
2700	4.0374	0.9988	1.0144	27.0099	4.0367	1.00000
2800	4.0548	0.9832	1.0140	27.1713	4.0516	1.00000
2900	4.0715	0.9682	1.0135	27.3272	4.0651	1.00000
3000	4.0875	0.9536	1.0131	27.4783	4.0777	1.00000
3100	4.1032	0.9396	1.0127	27.6247	4.0906	1.00000
3200	4.1182	0.9259	1.0123	27.7666	4.1022	1.00000
3300	4.1327	0.9127	1.0120	27.9046	4.1137	1.00000
3400	4.1469	0.8999	1.0116	28.0385	4.1253	1.00001
3500	4.1606	0.8875	1.0113	28.1690	4.1355	1.00001
3600	4.1739	0.8754	1.0109	28.2959	4.1460	1.00002
3700	4.1868	0.8636	1.0106	28.4196	4.1554	1.00002
3800	4.1995	0.8522	1.0103	28.5403	4.1657	1.00004
3900	4.2117	0.8410	1.0100	28.6580	4.1750	1.00006
4000	4.2236	0.8302	1.0097	28.7729	4.1837	1.00008
4100	4.2353	0.8196	1.0094	28.8854	4.1928	1.00012
4200	4.2467	0.8092	1.0092	28.9956	4.2016	1.00018
4300	4.2579	0.7991	1.0089	29.1037	4.2114	1.00024
4400	4.2688	0.7892	1.0087	29.2101	4.2204	1.00033
4500	4.2796	0.7795	1.0085	29.3150	4.2309	1.00045
4600	4.2903	0.7700	1.0083	29.4188	4.2413	1.00059
4700	4.3008	0.7608	1.0082	29.5224	4.2532	1.00077
4800	4.3114	0.7517	1.0081	29.6258	4.2670	1.00100
4900	4.3219	0.7427	1.0080	29.7297	4.2830	1.00129
5000	4.3325	0.7340	1.0080	29.8344	4.3006	1.00164
5100	4.3413	0.7247	1.0096	29.9181	4.3022	1.00207
5200	4.3513	0.7161	1.0100	30.0186	4.3184	1.00259
5300	4.3614	0.7076	1.0104	30.1200	4.3368	1.00320
5400	4.3716	0.6992	1.0110	30.2224	4.3573	1.00394
5500	4.3819	0.6910	1.0117	30.3260	4.3802	1.00481
5600	4.3922	0.6828	1.0126	30.4312	4.4057	1.00582
5700	4.4027	0.6746	1.0137	30.5382	4.4339	1.00701
5800	4.4133	0.6665	1.0149	30.6473	4.4650	1.00838
5900	4.4240	0.6585	1.0164	30.7590	4.4995	1.00997
6000	4.4350	0.6505	1.0181	30.8736	4.5376	1.01179
6100	4.4462	0.6424	1.0201	30.9915	4.5796	1.01387
6200	4.4576	0.6344	1.0223	31.1131	4.6259	1.01623
6300	4.4693	0.6264	1.0249	31.2390	4.6769	1.01891
6400	4.4813	0.6183	1.0278	31.3697	4.7330	1.02192
6500	4.4937	0.6102	1.0311	31.5056	4.7946	1.02531
6600	4.5064	0.6020	1.0348	31.6473	4.8622	1.02910
6700	4.5195	0.5937	1.0389	31.7953	4.9360	1.03331
6800	4.5329	0.5854	1.0435	31.9497	5.0162	1.03800
6900	4.5467	0.5769	1.0486	32.1110	5.1033	1.04319
7000	4.5609	0.5684	1.0542	32.2796	5.1975	1.04891
7100	4.5755	0.5596	1.0604	32.4560	5.2990	1.05521
7200	4.5904	0.5508	1.0673	32.6405	5.4082	1.06210
7300	4.6057	0.5418	1.0747	32.8336	5.5255	1.06964
7400	4.6214	0.5326	1.0829	33.0359	5.6512	1.07786
7500	4.6374	0.5232	1.0917	33.2475	5.7857	1.08680
7600	4.6538	0.5137	1.1014	33.4689	5.9291	1.09648
7700	4.6705	0.5039	1.1118	33.7008	6.0819	1.10695
7800	4.6876	0.4939	1.1230	33.9434	6.2443	1.11823
7900	4.7049	0.4838	1.1350	34.1970	6.4167	1.13035
8000	4.7226	0.4734	1.1480	34.4619	6.5992	1.14335

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8100	4.7405	0.4628	1.1618	34.7386	6.7921	1.15725
8200	4.7586	0.4520	1.1766	35.0269	6.9953	1.17207
8300	4.7769	0.4409	1.1923	35.3269	7.2088	1.18782
8400	4.7954	0.4297	1.2089	35.6385	7.4322	1.20451
8500	4.8140	0.4183	1.2265	35.9617	7.6656	1.22216
8600	4.8326	0.4067	1.2450	36.2959	7.9084	1.24075
8700	4.8512	0.3950	1.2645	36.6407	8.1602	1.26026
8800	4.8698	0.3831	1.2849	36.9960	8.4204	1.28067
8900	4.8883	0.3710	1.3061	37.3607	8.6883	1.30196
9000	4.9067	0.3589	1.3282	37.7341	8.9629	1.32406
9100	4.9249	0.3467	1.3510	38.1152	9.2433	1.34690
9200	4.9428	0.3345	1.3745	38.5029	9.5281	1.37043
9300	4.9604	0.3222	1.3985	38.8958	9.8165	1.39457
9400	4.9777	0.3100	1.4231	39.2928	10.1068	1.41920
9500	4.9947	0.2979	1.4481	39.6922	10.3978	1.44424
9600	5.0112	0.2858	1.4734	40.0928	10.6879	1.46958
9700	5.0272	0.2739	1.4989	40.4928	10.9758	1.49509
9800	5.0428	0.2621	1.5243	40.8906	11.2597	1.52062
9900	5.0578	0.2505	1.5497	41.2847	11.5382	1.54606
10000	5.0722	0.2392	1.5749	41.6736	11.8099	1.57127
10100	5.0861	0.2281	1.5996	42.0556	12.0731	1.59609
10200	5.1002	0.2169	1.6252	42.4480	12.3480	1.62177
10300	5.1129	0.2063	1.6491	42.8129	12.5914	1.64565
10400	5.1250	0.1961	1.6721	43.1669	12.8226	1.66880
10500	5.1365	0.1862	1.6944	43.5087	13.0409	1.69114
10600	5.1475	0.1766	1.7160	43.8405	13.2479	1.71280
10700	5.1578	0.1673	1.7366	44.1593	13.4414	1.73354
10800	5.1676	0.1584	1.7563	44.4650	13.6212	1.75334
10900	5.1770	0.1497	1.7752	44.7595	13.7893	1.77234
11000	5.1858	0.1414	1.7931	45.0409	13.9441	1.79037
11100	5.1941	0.1334	1.8101	45.3096	14.0860	1.80744
11200	5.2020	0.1256	1.8262	45.5674	14.2171	1.82371
11300	5.2095	0.1182	1.8413	45.8119	14.3346	1.83892
11400	5.2165	0.1110	1.8556	46.0465	14.4425	1.85338
11500	5.2233	0.1041	1.8692	46.2718	14.5411	1.86712
11600	5.2297	0.0974	1.8818	46.4854	14.6286	1.87994
11700	5.2357	0.0909	1.8938	46.6912	14.7082	1.89211
11800	5.2415	0.0846	1.9051	46.8880	14.7796	1.90358
11900	5.2471	0.0785	1.9158	47.0775	14.8441	1.91449
12000	5.2524	0.0726	1.9257	47.2587	14.9009	1.92469
12100	5.2575	0.0669	1.9352	47.4340	14.9523	1.93442
12200	5.2624	0.0613	1.9442	47.6032	14.9981	1.94365
12300	5.2671	0.0558	1.9528	47.7675	15.0399	1.95248
12400	5.2717	0.0505	1.9609	47.9259	15.0764	1.96084
12500	5.2762	0.0453	1.9686	48.0807	15.1099	1.96889
12600	5.2805	0.0402	1.9760	48.2315	15.1400	1.97660
12700	5.2847	0.0352	1.9831	48.3787	15.1675	1.98403
12800	5.2888	0.0304	1.9899	48.5228	15.1925	1.99120
12900	5.2929	0.0255	1.9966	48.6649	15.2161	1.99820
13000	5.2969	0.0208	2.0030	48.8045	15.2383	2.00501
13100	5.3008	0.0161	2.0092	48.9422	15.2592	2.01167
13200	5.3047	0.0115	2.0153	49.0783	15.2791	2.01820
13300	5.3085	0.0069	2.0213	49.2131	15.2984	2.02463
13400	5.3123	0.0024	2.0272	49.3473	15.3180	2.03101
13500	5.3161	-0.0021	2.0330	49.4803	15.3370	2.03731

LOG P= 2.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13600	5.3198	-0.0065	2.0388	49.6132	15.3565	2.04361
13700	5.3236	-0.0109	2.0445	49.7457	15.3766	2.04990
13800	5.3273	-0.0153	2.0502	49.8781	15.3970	2.05619
13900	5.3311	-0.0196	2.0560	50.0108	15.4186	2.06254
14000	5.3348	-0.0240	2.0617	50.1444	15.4416	2.06889
14100	5.3385	-0.0283	2.0675	50.2768	15.4641	2.07533
14200	5.3423	-0.0325	2.0733	50.4105	15.4886	2.08184
14300	5.3461	-0.0368	2.0791	50.5451	15.5141	2.08842
14400	5.3498	-0.0411	2.0851	50.6803	15.5412	2.09510
14500	5.3537	-0.0453	2.0911	50.8165	15.5698	2.10189
14600	5.3575	-0.0496	2.0972	50.9536	15.5997	2.10878
14700	5.3613	-0.0538	2.1034	51.0920	15.6316	2.11582
14800	5.3652	-0.0581	2.1097	51.2315	15.6651	2.12299
14900	5.3691	-0.0623	2.1161	51.3723	15.7003	2.13031
15000	5.3730	-0.0666	2.1226	51.5145	15.7373	2.13778

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6977	2.3084	0.8441	16.0210	2.4925	1.00000
300	2.9911	2.0525	1.0157	17.9509	3.2661	1.00000
400	3.1349	1.9125	1.0514	19.0440	3.4109	1.00000
500	3.2424	1.8124	1.0595	19.8897	3.4949	1.00000
600	3.3260	1.7333	1.0592	20.5578	3.5305	1.00000
700	3.3957	1.6674	1.0565	21.1207	3.5534	1.00000
800	3.4588	1.6109	1.0531	21.7077	3.5951	1.00000
900	3.5138	1.5612	1.0494	22.1649	3.6271	1.00000
1000	3.5631	1.5169	1.0459	22.5807	3.6566	1.00000
1100	3.6080	1.4769	1.0427	22.9606	3.6866	1.00000
1200	3.6492	1.4403	1.0398	23.3118	3.7158	1.00000
1300	3.6873	1.4066	1.0371	23.6385	3.7440	1.00000
1400	3.7226	1.3755	1.0347	23.9442	3.7712	1.00000
1500	3.7556	1.3464	1.0326	24.2314	3.7972	1.00000
1600	3.7864	1.3192	1.0306	24.5015	3.8216	1.00000
1700	3.8153	1.2936	1.0289	24.7572	3.8448	1.00000
1800	3.8427	1.2694	1.0273	25.0003	3.8676	1.00000
1900	3.8686	1.2466	1.0259	25.2316	3.8892	1.00000
2000	3.8944	1.2248	1.0246	25.4645	3.9203	1.00000
2100	3.9177	1.2041	1.0234	25.6759	3.9396	1.00000
2200	3.9400	1.1844	1.0223	25.8783	3.9591	1.00000
2300	3.9613	1.1655	1.0213	26.0729	3.9767	1.00000
2400	3.9816	1.1474	1.0204	26.2597	3.9936	1.00000
2500	4.0012	1.1300	1.0196	26.4394	4.0106	1.00000
2600	4.0198	1.1133	1.0189	26.6124	4.0259	1.00000
2700	4.0378	1.0972	1.0182	26.7794	4.0403	1.00000
2800	4.0551	1.0817	1.0176	26.9408	4.0550	1.00000
2900	4.0718	1.0667	1.0170	27.0967	4.0684	1.00000
3000	4.0879	1.0522	1.0165	27.2479	4.0809	1.00000
3100	4.1035	1.0382	1.0160	27.3942	4.0937	1.00000
3200	4.1185	1.0246	1.0155	27.5362	4.1052	1.00000
3300	4.1331	1.0114	1.0151	27.6742	4.1167	1.00000
3400	4.1472	0.9986	1.0147	27.8082	4.1283	1.00001
3500	4.1609	0.9862	1.0143	27.9387	4.1384	1.00001
3600	4.1742	0.9741	1.0139	28.0657	4.1489	1.00002
3700	4.1871	0.9624	1.0136	28.1895	4.1583	1.00002

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3800	4.1998	0.9509	1.0132	28.3101	4.1686	1.00003
3900	4.2120	0.9398	1.0129	28.4279	4.1779	1.00005
4000	4.2239	0.9289	1.0125	28.5429	4.1865	1.00007
4100	4.2356	0.9184	1.0122	28.6555	4.1957	1.00011
4200	4.2470	0.9080	1.0119	28.7657	4.2044	1.00016
4300	4.2582	0.8979	1.0116	28.8738	4.2142	1.00021
4400	4.2691	0.8881	1.0113	28.9801	4.2230	1.00030
4500	4.2799	0.8785	1.0110	29.0849	4.2333	1.00040
4600	4.2905	0.8691	1.0106	29.1886	4.2435	1.00052
4700	4.3010	0.8598	1.0104	29.2920	4.2553	1.00069
4800	4.3116	0.8508	1.0101	29.3953	4.2688	1.00090
4900	4.3221	0.8420	1.0098	29.4990	4.2846	1.00115
5000	4.3326	0.8333	1.0095	29.6034	4.3020	1.00146
5100	4.3409	0.8239	1.0113	29.6823	4.2991	1.00185
5200	4.3509	0.8154	1.0116	29.7817	4.3141	1.00231
5300	4.3609	0.8070	1.0119	29.8815	4.3310	1.00285
5400	4.3709	0.7986	1.0124	29.9822	4.3500	1.00351
5500	4.3809	0.7904	1.0130	30.0837	4.3710	1.00428
5600	4.3911	0.7823	1.0137	30.1865	4.3943	1.00518
5700	4.4013	0.7742	1.0146	30.2908	4.4199	1.00624
5800	4.4116	0.7662	1.0157	30.3968	4.4483	1.00746
5900	4.4221	0.7582	1.0170	30.5049	4.4795	1.00889
6000	4.4327	0.7503	1.0184	30.6155	4.5140	1.01051
6100	4.4435	0.7424	1.0201	30.7289	4.5519	1.01236
6200	4.4546	0.7345	1.0221	30.8456	4.5937	1.01447
6300	4.4658	0.7266	1.0244	30.9658	4.6396	1.01685
6400	4.4774	0.7187	1.0269	31.0903	4.6901	1.01954
6500	4.4892	0.7107	1.0298	31.2193	4.7455	1.02256
6600	4.5014	0.7027	1.0331	31.3534	4.8063	1.02594
6700	4.5138	0.6947	1.0367	31.4930	4.8726	1.02969
6800	4.5267	0.6865	1.0408	31.6382	4.9447	1.03387
6900	4.5398	0.6783	1.0453	31.7896	5.0230	1.03850
7000	4.5533	0.6700	1.0503	31.9473	5.1074	1.04360
7100	4.5671	0.6616	1.0558	32.1119	5.1984	1.04922
7200	4.5813	0.6530	1.0619	32.2836	5.2963	1.05536
7300	4.5958	0.6443	1.0685	32.4629	5.4015	1.06210
7400	4.6107	0.6355	1.0757	32.6503	5.5142	1.06943
7500	4.6259	0.6265	1.0836	32.8461	5.6347	1.07742
7600	4.6415	0.6173	1.0922	33.0507	5.7632	1.08606
7700	4.6574	0.6079	1.1015	33.2645	5.9002	1.09542
7800	4.6736	0.5984	1.1115	33.4879	6.0459	1.10551
7900	4.6901	0.5887	1.1222	33.7214	6.2008	1.11636
8000	4.7069	0.5788	1.1338	33.9650	6.3649	1.12801
8100	4.7240	0.5686	1.1462	34.2194	6.5386	1.14049
8200	4.7413	0.5583	1.1595	34.4845	6.7218	1.15380
8300	4.7588	0.5478	1.1736	34.7604	6.9146	1.16798
8400	4.7766	0.5371	1.1885	35.0471	7.1168	1.18303
8500	4.7944	0.5262	1.2044	35.3446	7.3284	1.19897
8600	4.8124	0.5151	1.2212	35.6528	7.5492	1.21581
8700	4.8304	0.5039	1.2389	35.9712	7.7788	1.23353
8800	4.8485	0.4924	1.2574	36.2999	8.0170	1.25213
8900	4.8665	0.4809	1.2768	36.6381	8.2630	1.27159
9000	4.8845	0.4692	1.2970	36.9853	8.5163	1.29188
9100	4.9023	0.4574	1.3180	37.3408	8.7761	1.31293
9200	4.9200	0.4456	1.3398	37.7038	9.0416	1.33473

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9300	4.9375	0.4337	1.3622	38.0732	9.3117	1.35721
9400	4.9548	0.4217	1.3852	38.4482	9.5857	1.38029
9500	4.9717	0.4098	1.4088	38.8275	9.8622	1.40391
9600	4.9883	0.3979	1.4328	39.2099	10.1400	1.42797
9700	5.0046	0.3861	1.4571	39.5944	10.4180	1.45239
9800	5.0204	0.3744	1.4817	39.9792	10.6947	1.47702
9900	5.0358	0.3628	1.5064	40.3631	10.9686	1.50177
10000	5.0507	0.3514	1.5311	40.7446	11.2383	1.52649
10100	5.0651	0.3402	1.5556	41.1220	11.5026	1.55105
10200	5.0798	0.3288	1.5811	41.5128	11.7817	1.57670
10300	5.0932	0.3181	1.6051	41.8789	12.0317	1.60077
10400	5.1059	0.3076	1.6286	42.2363	12.2717	1.62431
10500	5.1181	0.2974	1.6514	42.5841	12.5012	1.64725
10600	5.1298	0.2874	1.6738	42.9241	12.7215	1.66969
10700	5.1410	0.2777	1.6954	43.2530	12.9301	1.69138
10800	5.1516	0.2684	1.7162	43.5704	13.1262	1.71227
10900	5.1617	0.2594	1.7363	43.8780	13.3119	1.73247
11000	5.1712	0.2506	1.7555	44.1734	13.4851	1.75180
11100	5.1803	0.2422	1.7738	44.4568	13.6457	1.77024
11200	5.1890	0.2340	1.7913	44.7298	13.7959	1.78792
11300	5.1971	0.2262	1.8078	44.9894	13.9322	1.80456
11400	5.2049	0.2186	1.8236	45.2393	14.0588	1.82047
11500	5.2122	0.2112	1.8386	45.4798	14.1758	1.83565
11600	5.2192	0.2041	1.8527	45.7079	14.2809	1.84987
11700	5.2259	0.1973	1.8660	45.9277	14.3774	1.86341
11800	5.2322	0.1907	1.8786	46.1377	14.4648	1.87619
11900	5.2382	0.1843	1.8906	46.3399	14.5446	1.88836
12000	5.2440	0.1781	1.9017	46.5328	14.6157	1.89975
12100	5.2495	0.1720	1.9124	46.7191	14.6803	1.91062
12200	5.2548	0.1662	1.9224	46.8983	14.7384	1.92090
12300	5.2599	0.1605	1.9320	47.0719	14.7916	1.93073
12400	5.2648	0.1550	1.9410	47.2386	14.8384	1.94000
12500	5.2695	0.1496	1.9495	47.4008	14.8811	1.94888
12600	5.2741	0.1443	1.9577	47.5582	14.9197	1.95736
12700	5.2786	0.1391	1.9655	47.7111	14.9546	1.96548
12800	5.2829	0.1341	1.9730	47.8600	14.9862	1.97327
12900	5.2871	0.1291	1.9801	48.0063	15.0157	1.98083
13000	5.2913	0.1242	1.9871	48.1493	15.0426	1.98814
13100	5.2953	0.1195	1.9937	48.2897	15.0677	1.99521
13200	5.2993	0.1148	2.0002	48.4277	15.0910	2.00210
13300	5.3032	0.1101	2.0065	48.5638	15.1131	2.00883
13400	5.3071	0.1055	2.0126	48.6986	15.1345	2.01546
13500	5.3109	0.1010	2.0186	48.8316	15.1549	2.02194
13600	5.3147	0.0965	2.0245	48.9639	15.1753	2.02838
13700	5.3184	0.0921	2.0304	49.0952	15.1954	2.03475
13800	5.3222	0.0877	2.0361	49.2259	15.2155	2.04108
13900	5.3259	0.0834	2.0419	49.3564	15.2361	2.04741
14000	5.3296	0.0790	2.0476	49.4872	15.2575	2.05371
14100	5.3333	0.0747	2.0533	49.6165	15.2782	2.06005
14200	5.3370	0.0705	2.0589	49.7467	15.3004	2.06641
14300	5.3407	0.0662	2.0646	49.8772	15.3233	2.07281
14400	5.3444	0.0620	2.0704	50.0080	15.3474	2.07928
14500	5.3481	0.0578	2.0761	50.1393	15.3724	2.08580
14600	5.3518	0.0536	2.0819	50.2712	15.3984	2.09239
14700	5.3556	0.0494	2.0878	50.4041	15.4261	2.09911

LOG P= 2.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14800	5.3593	0.0452	2.0938	50.5376	15.4550	2.10591
14900	5.3631	0.0410	2.0998	50.6721	15.4854	2.11283
15000	5.3669	0.0369	2.1059	50.8076	15.5171	2.11987

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6699	2.3984	0.8649	15.6698	2.3382	1.00000
300	2.9858	2.1454	1.0323	17.6754	3.2263	1.00000
400	3.1328	2.0051	1.0697	18.7833	3.3945	1.00000
500	3.2422	1.9053	1.0768	19.6421	3.4930	1.00000
600	3.3264	1.8266	1.0755	20.3154	3.5338	1.00000
700	3.3965	1.7613	1.0714	20.8821	3.5597	1.00000
800	3.4597	1.7053	1.0667	21.4713	3.6027	1.00000
900	3.5148	1.6560	1.0621	21.9303	3.6355	1.00000
1000	3.5641	1.6120	1.0577	22.3472	3.6653	1.00000
1100	3.6091	1.5723	1.0537	22.7280	3.6954	1.00000
1200	3.6502	1.5360	1.0500	23.0799	3.7244	1.00000
1300	3.6882	1.5027	1.0466	23.4071	3.7524	1.00000
1400	3.7235	1.4717	1.0437	23.7132	3.7794	1.00000
1500	3.7565	1.4429	1.0410	24.0005	3.8051	1.00000
1600	3.7872	1.4158	1.0386	24.2709	3.8292	1.00000
1700	3.8161	1.3904	1.0364	24.5268	3.8521	1.00000
1800	3.8435	1.3664	1.0344	24.7700	3.8746	1.00000
1900	3.8694	1.3437	1.0326	25.0014	3.8959	1.00000
2000	3.8951	1.3221	1.0310	25.2343	3.9267	1.00000
2100	3.9183	1.3016	1.0295	25.4457	3.9457	1.00000
2200	3.9407	1.2819	1.0282	25.6482	3.9650	1.00000
2300	3.9619	1.2631	1.0269	25.8427	3.9823	1.00000
2400	3.9822	1.2451	1.0258	26.0294	3.9990	1.00000
2500	4.0017	1.2278	1.0248	26.2091	4.0157	1.00000
2600	4.0204	1.2112	1.0238	26.3820	4.0307	1.00000
2700	4.0383	1.1952	1.0229	26.5490	4.0448	1.00000
2800	4.0556	1.1798	1.0221	26.7104	4.0593	1.00000
2900	4.0723	1.1648	1.0213	26.8663	4.0726	1.00000
3000	4.0883	1.1504	1.0207	27.0174	4.0849	1.00000
3100	4.1039	1.1364	1.0200	27.1637	4.0976	1.00000
3200	4.1189	1.1229	1.0194	27.3057	4.1089	1.00000
3300	4.1334	1.1098	1.0189	27.4436	4.1203	1.00000
3400	4.1476	1.0970	1.0183	27.5776	4.1318	1.00000
3500	4.1613	1.0846	1.0179	27.7082	4.1418	1.00001
3600	4.1746	1.0726	1.0174	27.8352	4.1522	1.00001
3700	4.1875	1.0609	1.0170	27.9590	4.1616	1.00002
3800	4.2001	1.0495	1.0166	28.0797	4.1718	1.00003
3900	4.2124	1.0384	1.0162	28.1976	4.1811	1.00005
4000	4.2243	1.0275	1.0159	28.3127	4.1898	1.00007
4100	4.2359	1.0169	1.0155	28.4255	4.1990	1.00010
4200	4.2473	1.0066	1.0152	28.5358	4.2079	1.00014
4300	4.2585	0.9965	1.0149	28.6440	4.2176	1.00019
4400	4.2694	0.9867	1.0145	28.7504	4.2265	1.00026
4500	4.2802	0.9771	1.0142	28.8553	4.2368	1.00036
4600	4.2908	0.9677	1.0139	28.9591	4.2470	1.00047
4700	4.3014	0.9585	1.0136	29.0625	4.2587	1.00062
4800	4.3119	0.9495	1.0132	29.1658	4.2723	1.00080
4900	4.3225	0.9406	1.0129	29.2695	4.2880	1.00103

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5000	4.3330	0.9320	1.0126	29.3739	4.3053	1.00131
5100	4.3407	0.9230	1.0135	29.4473	4.2971	1.00165
5200	4.3506	0.9145	1.0137	29.5454	4.3110	1.00206
5300	4.3604	0.9061	1.0140	29.6439	4.3267	1.00254
5400	4.3703	0.8978	1.0143	29.7430	4.3442	1.00313
5500	4.3802	0.8897	1.0148	29.8428	4.3635	1.00382
5600	4.3901	0.8816	1.0154	29.9434	4.3847	1.00462
5700	4.4001	0.8736	1.0161	30.0453	4.4082	1.00556
5800	4.4102	0.8657	1.0170	30.1485	4.4340	1.00665
5900	4.4204	0.8578	1.0181	30.2534	4.4623	1.00792
6000	4.4307	0.8499	1.0193	30.3605	4.4936	1.00937
6100	4.4412	0.8421	1.0208	30.4699	4.5279	1.01102
6200	4.4519	0.8343	1.0225	30.5821	4.5656	1.01289
6300	4.4628	0.8266	1.0245	30.6974	4.6070	1.01502
6400	4.4739	0.8188	1.0267	30.8163	4.6525	1.01742
6500	4.4852	0.8110	1.0292	30.9391	4.7024	1.02010
6600	4.4969	0.8031	1.0321	31.0665	4.7571	1.02311
6700	4.5088	0.7953	1.0353	31.1986	4.8168	1.02646
6800	4.5211	0.7873	1.0389	31.3356	4.8816	1.03019
6900	4.5336	0.7793	1.0428	31.4780	4.9518	1.03431
7000	4.5465	0.7712	1.0473	31.6261	5.0277	1.03886
7100	4.5596	0.7631	1.0521	31.7801	5.1094	1.04387
7200	4.5731	0.7548	1.0575	31.9404	5.1972	1.04935
7300	4.5869	0.7464	1.0634	32.1074	5.2914	1.05536
7400	4.6010	0.7379	1.0698	32.2816	5.3924	1.06191
7500	4.6155	0.7292	1.0768	32.4631	5.5004	1.06903
7600	4.6302	0.7204	1.0844	32.6525	5.6156	1.07675
7700	4.6453	0.7114	1.0927	32.8501	5.7384	1.08511
7800	4.6607	0.7023	1.1016	33.0563	5.8692	1.09413
7900	4.6764	0.6930	1.1112	33.2714	6.0081	1.10383
8000	4.6924	0.6835	1.1215	33.4959	6.1555	1.11427
8100	4.7086	0.6738	1.1326	33.7301	6.3116	1.12544
8200	4.7252	0.6640	1.1445	33.9740	6.4765	1.13738
8300	4.7419	0.6539	1.1571	34.2278	6.6503	1.15012
8400	4.7589	0.6437	1.1706	34.4916	6.8328	1.16365
8500	4.7760	0.6333	1.1849	34.7654	7.0242	1.17802
8600	4.7933	0.6227	1.2000	35.0491	7.2242	1.19321
8700	4.8107	0.6120	1.2159	35.3427	7.4329	1.20925
8800	4.8281	0.6010	1.2327	35.6461	7.6497	1.22612
8900	4.8456	0.5900	1.2504	35.9588	7.8746	1.24382
9000	4.8631	0.5788	1.2688	36.2805	8.1069	1.26234
9100	4.8805	0.5674	1.2880	36.6108	8.3461	1.28164
9200	4.8979	0.5560	1.3080	36.9490	8.5917	1.30170
9300	4.9151	0.5445	1.3287	37.2944	8.8427	1.32247
9400	4.9321	0.5329	1.3501	37.6464	9.0987	1.34392
9500	4.9489	0.5213	1.3721	38.0039	9.3585	1.36598
9600	4.9655	0.5097	1.3946	38.3660	9.6213	1.38859
9700	4.9818	0.4981	1.4176	38.7317	9.8861	1.41166
9800	4.9978	0.4865	1.4410	39.0999	10.1516	1.43510
9900	5.0134	0.4750	1.4647	39.4694	10.4167	1.45882
10000	5.0286	0.4637	1.4885	39.8387	10.6800	1.48269
10100	5.0434	0.4524	1.5123	40.2067	10.9405	1.50662
10200	5.0586	0.4410	1.5374	40.5908	11.2189	1.53180
10300	5.0724	0.4301	1.5612	40.9529	11.4703	1.55565
10400	5.0858	0.4194	1.5846	41.3088	11.7144	1.57918

LOG P= 2.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	5.0986	0.4090	1.6077	41.6576	11.9503	1.60231
10600	5.1109	0.3988	1.6304	42.0013	12.1794	1.62514
10700	5.1228	0.3888	1.6526	42.3358	12.3986	1.64742
10800	5.1340	0.3792	1.6741	42.6609	12.6072	1.66905
10900	5.1449	0.3698	1.6951	42.9778	12.8069	1.69015
11000	5.1552	0.3607	1.7153	43.2841	12.9954	1.71050
11100	5.1650	0.3518	1.7348	43.5794	13.1722	1.73007
11200	5.1744	0.3433	1.7535	43.8654	13.3395	1.74898
11300	5.1832	0.3350	1.7713	44.1384	13.4933	1.76688
11400	5.1916	0.3270	1.7884	44.4022	13.6377	1.78413
11500	5.1997	0.3193	1.8048	44.6571	13.7727	1.80069
11600	5.2073	0.3118	1.8202	44.8994	13.8953	1.81626
11700	5.2146	0.3046	1.8349	45.1332	14.0094	1.83118
11800	5.2215	0.2976	1.8489	45.3571	14.1136	1.84532
11900	5.2281	0.2908	1.8622	45.5730	14.2100	1.85883
12000	5.2344	0.2843	1.8746	45.7785	14.2963	1.87150
12100	5.2404	0.2780	1.8865	45.9771	14.3759	1.88361
12200	5.2462	0.2718	1.8977	46.1678	14.4479	1.89507
12300	5.2517	0.2658	1.9084	46.3523	14.5142	1.90604
12400	5.2570	0.2600	1.9184	46.5288	14.5730	1.91635
12500	5.2621	0.2544	1.9280	46.7002	14.6270	1.92623
12600	5.2670	0.2489	1.9371	46.8658	14.6758	1.93562
12700	5.2717	0.2435	1.9458	47.0261	14.7200	1.94459
12800	5.2763	0.2383	1.9540	47.1817	14.7598	1.95315
12900	5.2808	0.2331	1.9619	47.3338	14.7969	1.96143
13000	5.2851	0.2281	1.9695	47.4820	14.8307	1.96938
13100	5.2893	0.2232	1.9767	47.6266	14.8615	1.97703
13200	5.2935	0.2184	1.9837	47.7683	14.8900	1.98443
13300	5.2975	0.2136	1.9904	47.9072	14.9165	1.99160
13400	5.3015	0.2089	1.9970	48.0443	14.9418	1.99863
13500	5.3054	0.2043	2.0033	48.1788	14.9651	2.00543
13600	5.3093	0.1998	2.0095	48.3120	14.9878	2.01215
13700	5.3131	0.1953	2.0156	48.4437	15.0096	2.01874
13800	5.3169	0.1908	2.0215	48.5742	15.0308	2.02523
13900	5.3206	0.1864	2.0274	48.7041	15.0521	2.03169
14000	5.3243	0.1821	2.0331	48.8335	15.0736	2.03805
14100	5.3280	0.1778	2.0388	48.9612	15.0939	2.04442
14200	5.3317	0.1735	2.0445	49.0892	15.1152	2.05076
14300	5.3354	0.1693	2.0502	49.2170	15.1368	2.05710
14400	5.3390	0.1650	2.0558	49.3447	15.1591	2.06346
14500	5.3427	0.1609	2.0614	49.4725	15.1819	2.06984
14600	5.3463	0.1567	2.0671	49.6004	15.2052	2.07626
14700	5.3500	0.1525	2.0728	49.7290	15.2300	2.08276
14800	5.3537	0.1484	2.0785	49.8579	15.2556	2.08930
14900	5.3574	0.1443	2.0842	49.9873	15.2823	2.09594
15000	5.3611	0.1402	2.0900	50.1174	15.3101	2.10266

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6454	2.4722	0.9147	15.3391	2.2098	1.00000
300	2.9807	2.2338	1.0598	17.3970	3.1884	1.00000
400	3.1306	2.0949	1.0946	18.5176	3.3774	1.00000
500	3.2422	1.9960	1.1002	19.3920	3.4936	1.00000
600	3.3271	1.9182	1.0965	20.0710	3.5393	1.00000

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.3976	1.8536	1.0906	20.6420	3.5684	1.00000
800	3.4609	1.7982	1.0843	21.2339	3.6129	1.00000
900	3.5161	1.7495	1.0781	21.6947	3.6463	1.00000
1000	3.5654	1.7060	1.0724	22.1130	3.6762	1.00000
1100	3.6103	1.6667	1.0673	22.4948	3.7063	1.00000
1200	3.6515	1.6308	1.0627	22.8475	3.7352	1.00000
1300	3.6895	1.5977	1.0586	23.1753	3.7629	1.00000
1400	3.7247	1.5671	1.0549	23.4818	3.7896	1.00000
1500	3.7576	1.5385	1.0515	23.7695	3.8149	1.00000
1600	3.7883	1.5117	1.0485	24.0402	3.8386	1.00000
1700	3.8172	1.4865	1.0457	24.2962	3.8612	1.00000
1800	3.8445	1.4627	1.0433	24.5395	3.8833	1.00000
1900	3.8703	1.4402	1.0410	24.7711	3.9043	1.00000
2000	3.8960	1.4188	1.0390	25.0041	3.9348	1.00000
2100	3.9192	1.3983	1.0372	25.2156	3.9534	1.00000
2200	3.9415	1.3789	1.0354	25.4180	3.9723	1.00000
2300	3.9626	1.3602	1.0339	25.6125	3.9894	1.00000
2400	3.9829	1.3423	1.0324	25.7993	4.0057	1.00000
2500	4.0024	1.3252	1.0311	25.9790	4.0222	1.00000
2600	4.0210	1.3086	1.0299	26.1519	4.0369	1.00000
2700	4.0389	1.2927	1.0288	26.3188	4.0508	1.00000
2800	4.0562	1.2774	1.0277	26.4801	4.0650	1.00000
2900	4.0728	1.2625	1.0268	26.6359	4.0780	1.00000
3000	4.0889	1.2482	1.0259	26.7870	4.0901	1.00000
3100	4.1044	1.2343	1.0251	26.9333	4.1026	1.00000
3200	4.1194	1.2208	1.0243	27.0752	4.1137	1.00000
3300	4.1339	1.2078	1.0236	27.2130	4.1249	1.00000
3400	4.1481	1.1951	1.0229	27.3470	4.1362	1.00000
3500	4.1617	1.1828	1.0223	27.4775	4.1460	1.00001
3600	4.1750	1.1708	1.0217	27.6045	4.1563	1.00001
3700	4.1879	1.1591	1.0211	27.7283	4.1656	1.00002
3800	4.2005	1.1478	1.0206	27.8491	4.1757	1.00003
3900	4.2127	1.1367	1.0201	27.9669	4.1849	1.00004
4000	4.2246	1.1259	1.0197	28.0820	4.1934	1.00006
4100	4.2363	1.1154	1.0192	28.1947	4.2025	1.00009
4200	4.2477	1.1051	1.0188	28.3051	4.2113	1.00012
4300	4.2589	1.0950	1.0184	28.4133	4.2211	1.00017
4400	4.2698	1.0852	1.0181	28.5199	4.2299	1.00024
4500	4.2806	1.0756	1.0177	28.6248	4.2403	1.00032
4600	4.2912	1.0662	1.0174	28.7287	4.2504	1.00042
4700	4.3017	1.0570	1.0171	28.8322	4.2622	1.00055
4800	4.3123	1.0480	1.0167	28.9357	4.2758	1.00072
4900	4.3228	1.0391	1.0164	29.0396	4.2916	1.00092
5000	4.3334	1.0305	1.0162	29.1441	4.3091	1.00117
5100	4.3407	1.0218	1.0164	29.2128	4.2963	1.00147
5200	4.3504	1.0133	1.0165	29.3099	4.3092	1.00183
5300	4.3601	1.0050	1.0166	29.4072	4.3238	1.00226
5400	4.3699	0.9968	1.0168	29.5049	4.3399	1.00279
5500	4.3796	0.9886	1.0172	29.6030	4.3576	1.00340
5600	4.3894	0.9806	1.0176	29.7018	4.3771	1.00412
5700	4.3992	0.9727	1.0182	29.8015	4.3986	1.00495
5800	4.4091	0.9648	1.0189	29.9022	4.4221	1.00593
5900	4.4190	0.9570	1.0198	30.0044	4.4479	1.00705
6000	4.4291	0.9493	1.0208	30.1083	4.4762	1.00835
6100	4.4392	0.9416	1.0221	30.2141	4.5072	1.00982

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6200	4.4496	0.9339	1.0235	30.3223	4.5413	1.01149
6300	4.4601	0.9262	1.0252	30.4331	4.5787	1.01338
6400	4.4708	0.9186	1.0272	30.5470	4.6197	1.01552
6500	4.4817	0.9109	1.0294	30.6644	4.6647	1.01791
6600	4.4929	0.9032	1.0318	30.7858	4.7140	1.02060
6700	4.5044	0.8955	1.0347	30.9112	4.7677	1.02358
6800	4.5161	0.8878	1.0378	31.0409	4.8260	1.02690
6900	4.5281	0.8800	1.0413	31.1753	4.8891	1.03058
7000	4.5403	0.8721	1.0452	31.3148	4.9573	1.03463
7100	4.5529	0.8642	1.0495	31.4593	5.0305	1.03910
7200	4.5657	0.8561	1.0542	31.6094	5.1093	1.04399
7300	4.5788	0.8480	1.0594	31.7654	5.1938	1.04935
7400	4.5922	0.8398	1.0651	31.9277	5.2844	1.05519
7500	4.6059	0.8314	1.0713	32.0966	5.3811	1.06154
7600	4.6199	0.8229	1.0781	32.2724	5.4844	1.06844
7700	4.6343	0.8143	1.0854	32.4555	5.5945	1.07590
7800	4.6489	0.8055	1.0934	32.6462	5.7116	1.08396
7900	4.6638	0.7966	1.1019	32.8449	5.8363	1.09263
8000	4.6790	0.7876	1.1111	33.0521	5.9684	1.10196
8100	4.6944	0.7783	1.1210	33.2679	6.1088	1.11196
8200	4.7102	0.7689	1.1316	33.4926	6.2571	1.12266
8300	4.7262	0.7593	1.1429	33.7263	6.4135	1.13408
8400	4.7424	0.7496	1.1549	33.9690	6.5780	1.14622
8500	4.7588	0.7396	1.1677	34.2211	6.7508	1.15914
8600	4.7753	0.7295	1.1813	34.4824	6.9317	1.17282
8700	4.7920	0.7193	1.1957	34.7528	7.1206	1.18729
8800	4.8088	0.7088	1.2108	35.0325	7.3175	1.20255
8900	4.8257	0.6982	1.2268	35.3211	7.5221	1.21858
9000	4.8426	0.6875	1.2435	35.6184	7.7340	1.23540
9100	4.8596	0.6766	1.2610	35.9242	7.9530	1.25299
9200	4.8765	0.6656	1.2793	36.2381	8.1786	1.27133
9300	4.8933	0.6546	1.2982	36.5594	8.4102	1.29039
9400	4.9100	0.6434	1.3179	36.8878	8.6473	1.31015
9500	4.9266	0.6321	1.3382	37.2225	8.8893	1.33056
9600	4.9430	0.6208	1.3592	37.5627	9.1352	1.35159
9700	4.9592	0.6095	1.3807	37.9078	9.3844	1.37317
9800	4.9751	0.5982	1.4027	38.2569	9.6361	1.39523
9900	4.9908	0.5869	1.4250	38.6090	9.8892	1.41770
10000	5.0062	0.5757	1.4477	38.9630	10.1426	1.44046
10100	5.0212	0.5646	1.4706	39.3178	10.3952	1.46344
10200	5.0367	0.5532	1.4949	39.6909	10.6681	1.48782
10300	5.0509	0.5423	1.5181	40.0444	10.9162	1.51107
10400	5.0647	0.5315	1.5411	40.3944	11.1596	1.53421
10500	5.0780	0.5210	1.5639	40.7394	11.3969	1.55714
10600	5.0909	0.5106	1.5867	41.0817	11.6298	1.57996
10700	5.1033	0.5005	1.6090	41.4171	11.8552	1.60242
10800	5.1152	0.4906	1.6309	41.7453	12.0718	1.62440
10900	5.1267	0.4809	1.6524	42.0675	12.2817	1.64605
11000	5.1377	0.4714	1.6733	42.3807	12.4819	1.66710
11100	5.1482	0.4623	1.6936	42.6846	12.6720	1.68750
11200	5.1583	0.4533	1.7134	42.9806	12.8538	1.70739
11300	5.1678	0.4447	1.7322	43.2647	13.0229	1.72636
11400	5.1769	0.4363	1.7504	43.5405	13.1835	1.74476
11500	5.1857	0.4282	1.7681	43.8083	13.3352	1.76256
11600	5.1940	0.4204	1.7847	44.0637	13.4747	1.77941

LOG P= 2.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11700	5.2019	0.4128	1.8008	44.3110	13.6056	1.79564
11800	5.2094	0.4054	1.8160	44.5484	13.7266	1.81110
11900	5.2167	0.3982	1.8307	44.7778	13.8398	1.82594
12000	5.2235	0.3914	1.8444	44.9963	13.9420	1.83991
12100	5.2301	0.3847	1.8576	45.2074	14.0372	1.85329
12200	5.2363	0.3782	1.8700	45.4103	14.1241	1.86599
12300	5.2423	0.3719	1.8819	45.6065	14.2047	1.87817
12400	5.2481	0.3658	1.8931	45.7939	14.2770	1.88962
12500	5.2536	0.3599	1.9038	45.9758	14.3439	1.90060
12600	5.2589	0.3541	1.9139	46.1510	14.4045	1.91103
12700	5.2640	0.3485	1.9235	46.3201	14.4595	1.92097
12800	5.2689	0.3430	1.9326	46.4839	14.5098	1.93045
12900	5.2736	0.3377	1.9414	46.6435	14.5562	1.93958
13000	5.2783	0.3325	1.9498	46.7983	14.5985	1.94832
13100	5.2827	0.3274	1.9578	46.9490	14.6371	1.95670
13200	5.2871	0.3224	1.9654	47.0958	14.6724	1.96476
13300	5.2913	0.3175	1.9727	47.2392	14.7051	1.97252
13400	5.2955	0.3127	1.9798	47.3802	14.7358	1.98009
13500	5.2995	0.3079	1.9866	47.5178	14.7637	1.98737
13600	5.3035	0.3033	1.9932	47.6537	14.7904	1.99450
13700	5.3074	0.2987	1.9997	47.7872	14.8156	2.00145
13800	5.3113	0.2942	2.0059	47.9191	14.8396	2.00826
13900	5.3151	0.2897	2.0121	48.0498	14.8629	2.01498
14000	5.3189	0.2853	2.0180	48.1793	14.8859	2.02154
14100	5.3226	0.2810	2.0239	48.3067	14.9074	2.02807
14200	5.3263	0.2767	2.0297	48.4339	14.9291	2.03452
14300	5.3300	0.2724	2.0354	48.5604	14.9507	2.04092
14400	5.3337	0.2682	2.0411	48.6865	14.9725	2.04731
14500	5.3373	0.2640	2.0467	48.8120	14.9944	2.05366
14600	5.3409	0.2598	2.0523	48.9373	15.0165	2.06002
14700	5.3446	0.2557	2.0579	49.0629	15.0396	2.06642
14800	5.3482	0.2515	2.0635	49.1884	15.0630	2.07282
14900	5.3518	0.2474	2.0691	49.3141	15.0871	2.07929
15000	5.3554	0.2434	2.0747	49.4401	15.1122	2.08580

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6255	2.5343	0.9976	15.0228	2.1110	1.00000
300	2.9764	2.3165	1.1018	17.1175	3.1568	1.00000
400	3.1289	2.1812	1.1299	18.2479	3.3641	1.00000
500	3.2426	2.0840	1.1306	19.1389	3.4968	1.00000
600	3.3282	2.0074	1.1241	19.8245	3.5486	1.00000
700	3.3991	1.9439	1.1153	20.4005	3.5808	1.00000
800	3.4626	1.8893	1.1065	20.9953	3.6263	1.00000
900	3.5178	1.8414	1.0984	21.4583	3.6603	1.00000
1000	3.5671	1.7985	1.0912	21.8781	3.6904	1.00000
1100	3.6120	1.7598	1.0845	22.2611	3.7202	1.00000
1200	3.6531	1.7243	1.0787	22.6146	3.7488	1.00000
1300	3.6910	1.6917	1.0734	22.9431	3.7761	1.00000
1400	3.7262	1.6614	1.0688	23.2502	3.8023	1.00000
1500	3.7590	1.6331	1.0646	23.5383	3.8272	1.00000
1600	3.7896	1.6066	1.0608	23.8092	3.8505	1.00000
1700	3.8185	1.5817	1.0574	24.0655	3.8727	1.00000
1800	3.8457	1.5582	1.0543	24.3090	3.8943	1.00000

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1900	3.8715	1.5358	1.0515	24.5407	3.9148	1.00000
2000	3.8971	1.5146	1.0489	24.7738	3.9449	1.00000
2100	3.9202	1.4944	1.0466	24.9853	3.9630	1.00000
2200	3.9425	1.4751	1.0445	25.1878	3.9816	1.00000
2300	3.9636	1.4566	1.0425	25.3824	3.9982	1.00000
2400	3.9838	1.4389	1.0407	25.5692	4.0143	1.00000
2500	4.0033	1.4218	1.0391	25.7489	4.0304	1.00000
2600	4.0219	1.4054	1.0375	25.9217	4.0448	1.00000
2700	4.0397	1.3896	1.0361	26.0887	4.0584	1.00000
2800	4.0570	1.3744	1.0348	26.2500	4.0724	1.00000
2900	4.0736	1.3597	1.0336	26.4058	4.0850	1.00000
3000	4.0896	1.3454	1.0324	26.5568	4.0968	1.00000
3100	4.1051	1.3316	1.0314	26.7031	4.1091	1.00000
3200	4.1200	1.3183	1.0304	26.8449	4.1200	1.00000
3300	4.1346	1.3053	1.0294	26.9828	4.1309	1.00000
3400	4.1487	1.2927	1.0286	27.1167	4.1420	1.00000
3500	4.1623	1.2804	1.0278	27.2472	4.1516	1.00001
3600	4.1756	1.2685	1.0270	27.3741	4.1617	1.00001
3700	4.1884	1.2569	1.0263	27.4978	4.1707	1.00002
3800	4.2010	1.2456	1.0256	27.6185	4.1806	1.00003
3900	4.2132	1.2346	1.0250	27.7363	4.1896	1.00004
4000	4.2251	1.2239	1.0244	27.8513	4.1981	1.00006
4100	4.2368	1.2134	1.0238	27.9640	4.2070	1.00008
4200	4.2481	1.2032	1.0233	28.0743	4.2156	1.00011
4300	4.2593	1.1932	1.0228	28.1825	4.2252	1.00015
4400	4.2702	1.1834	1.0223	28.2890	4.2339	1.00021
4500	4.2810	1.1738	1.0218	28.3940	4.2442	1.00028
4600	4.2916	1.1645	1.0214	28.4978	4.2543	1.00037
4700	4.3021	1.1553	1.0210	28.6013	4.2660	1.00049
4800	4.3126	1.1463	1.0206	28.7048	4.2795	1.00064
4900	4.3232	1.1375	1.0202	28.8087	4.2953	1.00082
5000	4.3337	1.1289	1.0199	28.9133	4.3126	1.00103
5100	4.3407	1.1202	1.0200	28.9789	4.2968	1.00131
5200	4.3504	1.1118	1.0200	29.0750	4.3088	1.00163
5300	4.3600	1.1035	1.0200	29.1713	4.3223	1.00202
5400	4.3696	1.0954	1.0201	29.2677	4.3372	1.00249
5500	4.3792	1.0873	1.0203	29.3644	4.3536	1.00303
5600	4.3888	1.0794	1.0206	29.4615	4.3715	1.00367
5700	4.3985	1.0715	1.0210	29.5593	4.3911	1.00441
5800	4.4081	1.0637	1.0216	29.6578	4.4126	1.00529
5900	4.4178	1.0560	1.0223	29.7575	4.4360	1.00628
6000	4.4277	1.0483	1.0231	29.8585	4.4618	1.00744
6100	4.4376	1.0407	1.0241	29.9611	4.4899	1.00874
6200	4.4476	1.0331	1.0254	30.0658	4.5207	1.01024
6300	4.4578	1.0256	1.0268	30.1727	4.5545	1.01193
6400	4.4681	1.0180	1.0284	30.2822	4.5915	1.01382
6500	4.4787	1.0105	1.0303	30.3947	4.6320	1.01596
6600	4.4895	1.0030	1.0325	30.5107	4.6765	1.01835
6700	4.5005	0.9954	1.0349	30.6302	4.7248	1.02102
6800	4.5117	0.9878	1.0376	30.7534	4.7773	1.02397
6900	4.5232	0.9802	1.0407	30.8807	4.8341	1.02725
7000	4.5349	0.9726	1.0441	31.0123	4.8953	1.03087
7100	4.5468	0.9648	1.0479	31.1485	4.9611	1.03485
7200	4.5591	0.9570	1.0521	31.2895	5.0319	1.03921
7300	4.5715	0.9491	1.0566	31.4357	5.1077	1.04398

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7400	4.5843	0.9412	1.0617	31.5874	5.1888	1.04920
7500	4.5973	0.9331	1.0671	31.7448	5.2756	1.05486
7600	4.6106	0.9249	1.0731	31.9084	5.3681	1.06101
7700	4.6242	0.9166	1.0796	32.0784	5.4667	1.06767
7800	4.6381	0.9082	1.0866	32.2552	5.5718	1.07487
7900	4.6522	0.8997	1.0942	32.4392	5.6835	1.08261
8000	4.6667	0.8910	1.1024	32.6308	5.8021	1.09095
8100	4.6814	0.8821	1.1112	32.8301	5.9280	1.09990
8200	4.6964	0.8731	1.1206	33.0375	6.0612	1.10946
8300	4.7116	0.8640	1.1307	33.2529	6.2019	1.11969
8400	4.7271	0.8546	1.1415	33.4766	6.3499	1.13058
8500	4.7427	0.8452	1.1529	33.7088	6.5056	1.14217
8600	4.7585	0.8355	1.1651	33.9495	6.6688	1.15446
8700	4.7745	0.8257	1.1780	34.1985	6.8396	1.16747
8800	4.7907	0.8158	1.1916	34.4563	7.0178	1.18123
8900	4.8069	0.8057	1.2060	34.7223	7.2033	1.19570
9000	4.8232	0.7954	1.2211	34.9967	7.3959	1.21093
9100	4.8396	0.7850	1.2369	35.2793	7.5956	1.22688
9200	4.8560	0.7745	1.2535	35.5697	7.8018	1.24357
9300	4.8723	0.7638	1.2708	35.8677	8.0142	1.26096
9400	4.8887	0.7531	1.2888	36.1729	8.2324	1.27906
9500	4.9049	0.7422	1.3075	36.4848	8.4560	1.29784
9600	4.9210	0.7313	1.3268	36.8026	8.6842	1.31725
9700	4.9370	0.7204	1.3467	37.1263	8.9168	1.33727
9800	4.9528	0.7094	1.3671	37.4548	9.1527	1.35782
9900	4.9684	0.6983	1.3881	37.7876	9.3916	1.37887
10000	4.9837	0.6874	1.4094	38.1237	9.6321	1.40032
10100	4.9988	0.6764	1.4311	38.4623	9.8736	1.42209
10200	5.0145	0.6652	1.4543	38.8205	10.1372	1.44536
10300	5.0290	0.6543	1.4765	39.1616	10.3783	1.46771
10400	5.0430	0.6436	1.4988	39.5014	10.6165	1.49011
10500	5.0567	0.6331	1.5211	39.8383	10.8511	1.51247
10600	5.0700	0.6226	1.5434	40.1747	11.0834	1.53491
10700	5.0829	0.6123	1.5655	40.5064	11.3103	1.55717
10800	5.0953	0.6023	1.5874	40.8333	11.5307	1.57913
10900	5.1073	0.5924	1.6091	41.1562	11.7463	1.60095
11000	5.1189	0.5827	1.6303	41.4721	11.9540	1.62232
11100	5.1300	0.5733	1.6511	41.7806	12.1532	1.64322
11200	5.1407	0.5641	1.6715	42.0829	12.3459	1.66375
11300	5.1509	0.5552	1.6910	42.3746	12.5270	1.68349
11400	5.1607	0.5465	1.7102	42.6595	12.7009	1.70278
11500	5.1702	0.5380	1.7288	42.9374	12.8669	1.72157
11600	5.1791	0.5298	1.7465	43.2036	13.0212	1.73949
11700	5.1877	0.5218	1.7637	43.4625	13.1676	1.75686
11800	5.1959	0.5141	1.7802	43.7120	13.3044	1.77351
11900	5.2037	0.5065	1.7960	43.9539	13.4336	1.78959
12000	5.2112	0.4993	1.8110	44.1849	13.5517	1.80481
12100	5.2183	0.4922	1.8254	44.4087	13.6626	1.81946
12200	5.2251	0.4854	1.8391	44.6240	13.7650	1.83342
12300	5.2317	0.4788	1.8523	44.8325	13.8608	1.84686
12400	5.2379	0.4724	1.8647	45.0316	13.9474	1.85951
12500	5.2439	0.4661	1.8765	45.2247	14.0281	1.87168
12600	5.2497	0.4601	1.8878	45.4107	14.1019	1.88326
12700	5.2552	0.4542	1.8985	45.5900	14.1695	1.89428
12800	5.2605	0.4485	1.9087	45.7632	14.2314	1.90479

LOG P= 2.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12900	5.2656	0.4429	1.9184	45.9319	14.2889	1.91491
13000	5.2705	0.4374	1.9277	46.0948	14.3412	1.92457
13100	5.2753	0.4321	1.9366	46.2530	14.3893	1.93382
13200	5.2799	0.4269	1.9450	46.4066	14.4334	1.94267
13300	5.2844	0.4218	1.9530	46.5560	14.4736	1.95118
13400	5.2888	0.4168	1.9608	46.7024	14.5115	1.95944
13500	5.2931	0.4120	1.9683	46.8447	14.5457	1.96733
13600	5.2972	0.4072	1.9754	46.9847	14.5782	1.97502
13700	5.3013	0.4025	1.9824	47.1218	14.6084	1.98248
13800	5.3053	0.3979	1.9891	47.2564	14.6367	1.98974
13900	5.3093	0.3933	1.9956	47.3894	14.6639	1.99685
14000	5.3131	0.3888	2.0019	47.5204	14.6897	2.00376
14100	5.3170	0.3844	2.0081	47.6492	14.7140	2.01058
14200	5.3207	0.3800	2.0142	47.7771	14.7375	2.01728
14300	5.3244	0.3757	2.0201	47.9037	14.7608	2.02388
14400	5.3281	0.3714	2.0259	48.0294	14.7835	2.03041
14500	5.3318	0.3672	2.0316	48.1541	14.8060	2.03687
14600	5.3354	0.3630	2.0373	48.2781	14.8280	2.04328
14700	5.3391	0.3588	2.0429	48.4021	14.8508	2.04971
14800	5.3427	0.3547	2.0485	48.5254	14.8732	2.05610
14900	5.3463	0.3506	2.0540	48.6486	14.8964	2.06251
15000	5.3499	0.3465	2.0595	48.7718	14.9198	2.06893

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6121	2.5863	1.1184	14.7204	2.0467	1.00000
300	2.9741	2.3929	1.1648	16.8396	3.1404	1.00000
400	3.1278	2.2630	1.1774	17.9745	3.3554	1.00000
500	3.2438	2.1686	1.1714	18.8835	3.5065	1.00000
600	3.3299	2.0939	1.1594	19.5756	3.5621	1.00000
700	3.4011	2.0317	1.1470	20.1572	3.5978	1.00000
800	3.4647	1.9782	1.1352	20.7555	3.6446	1.00000
900	3.5199	1.9312	1.1243	21.2210	3.6787	1.00000
1000	3.5692	1.8892	1.1147	21.6425	3.7086	1.00000
1100	3.6140	1.8511	1.1062	22.0268	3.7381	1.00000
1200	3.6551	1.8163	1.0988	22.3813	3.7661	1.00000
1300	3.6929	1.7842	1.0922	22.7105	3.7928	1.00000
1400	3.7280	1.7544	1.0862	23.0182	3.8184	1.00000
1500	3.7607	1.7265	1.0809	23.3068	3.8426	1.00000
1600	3.7913	1.7004	1.0761	23.5781	3.8653	1.00000
1700	3.8200	1.6758	1.0719	23.8347	3.8868	1.00000
1800	3.8472	1.6525	1.0680	24.0784	3.9079	1.00000
1900	3.8729	1.6305	1.0645	24.3103	3.9279	1.00000
2000	3.8985	1.6095	1.0614	24.5435	3.9575	1.00000
2100	3.9216	1.5895	1.0585	24.7551	3.9752	1.00000
2200	3.9437	1.5704	1.0558	24.9577	3.9932	1.00000
2300	3.9648	1.5521	1.0533	25.1523	4.0094	1.00000
2400	3.9850	1.5346	1.0510	25.3391	4.0250	1.00000
2500	4.0044	1.5177	1.0489	25.5188	4.0407	1.00000
2600	4.0229	1.5015	1.0470	25.6917	4.0547	1.00000
2700	4.0407	1.4858	1.0452	25.8587	4.0679	1.00000
2800	4.0580	1.4707	1.0436	26.0199	4.0815	1.00000
2900	4.0745	1.4561	1.0420	26.1757	4.0938	1.00000
3000	4.0905	1.4420	1.0406	26.3267	4.1054	1.00000

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3100	4.1060	1.4283	1.0393	26.4730	4.1173	1.00000
3200	4.1209	1.4150	1.0380	26.6148	4.1280	1.00000
3300	4.1354	1.4022	1.0369	26.7526	4.1386	1.00000
3400	4.1495	1.3897	1.0358	26.8865	4.1494	1.00000
3500	4.1630	1.3775	1.0347	27.0169	4.1588	1.00001
3600	4.1763	1.3657	1.0337	27.1438	4.1687	1.00001
3700	4.1891	1.3542	1.0328	27.2676	4.1775	1.00001
3800	4.2017	1.3430	1.0320	27.3882	4.1872	1.00002
3900	4.2139	1.3320	1.0311	27.5059	4.1960	1.00003
4000	4.2257	1.3214	1.0304	27.6209	4.2042	1.00005
4100	4.2374	1.3109	1.0296	27.7336	4.2130	1.00007
4200	4.2487	1.3008	1.0289	27.8439	4.2214	1.00010
4300	4.2599	1.2908	1.0283	27.9520	4.2308	1.00013
4400	4.2708	1.2811	1.0276	28.0585	4.2394	1.00019
4500	4.2815	1.2716	1.0270	28.1633	4.2494	1.00025
4600	4.2921	1.2623	1.0265	28.2671	4.2594	1.00033
4700	4.3026	1.2532	1.0259	28.3706	4.2709	1.00044
4800	4.3131	1.2443	1.0254	28.4740	4.2843	1.00057
4900	4.3237	1.2355	1.0249	28.5778	4.2999	1.00073
5000	4.3342	1.2269	1.0245	28.6824	4.3171	1.00092
5100	4.3409	1.2182	1.0246	28.7455	4.2988	1.00116
5200	4.3505	1.2099	1.0244	28.8408	4.3099	1.00145
5300	4.3600	1.2017	1.0243	28.9361	4.3225	1.00180
5400	4.3695	1.1936	1.0243	29.0314	4.3363	1.00221
5500	4.3790	1.1856	1.0243	29.1268	4.3514	1.00270
5600	4.3885	1.1777	1.0245	29.2225	4.3678	1.00327
5700	4.3979	1.1699	1.0247	29.3185	4.3858	1.00393
5800	4.4074	1.1622	1.0251	29.4151	4.4054	1.00471
5900	4.4169	1.1545	1.0256	29.5125	4.4268	1.00560
6000	4.4265	1.1470	1.0263	29.6110	4.4502	1.00663
6100	4.4362	1.1394	1.0271	29.7108	4.4757	1.00779
6200	4.4460	1.1320	1.0281	29.8123	4.5036	1.00912
6300	4.4558	1.1245	1.0293	29.9156	4.5342	1.01063
6400	4.4659	1.1171	1.0306	30.0212	4.5675	1.01232
6500	4.4761	1.1097	1.0322	30.1293	4.6041	1.01422
6600	4.4865	1.1023	1.0341	30.2404	4.6442	1.01635
6700	4.4970	1.0949	1.0362	30.3547	4.6878	1.01873
6800	4.5078	1.0875	1.0385	30.4721	4.7350	1.02136
6900	4.5188	1.0800	1.0412	30.5931	4.7861	1.02429
7000	4.5301	1.0725	1.0441	30.7178	4.8412	1.02751
7100	4.5415	1.0650	1.0474	30.8465	4.9003	1.03105
7200	4.5531	1.0574	1.0511	30.9793	4.9638	1.03494
7300	4.5650	1.0498	1.0551	31.1167	5.0318	1.03920
7400	4.5772	1.0421	1.0595	31.2590	5.1046	1.04385
7500	4.5896	1.0343	1.0643	31.4062	5.1824	1.04890
7600	4.6022	1.0264	1.0696	31.5589	5.2652	1.05438
7700	4.6151	1.0184	1.0753	31.7173	5.3536	1.06033
7800	4.6283	1.0103	1.0815	31.8817	5.4478	1.06675
7900	4.6418	1.0020	1.0883	32.0525	5.5479	1.07367
8000	4.6555	0.9937	1.0955	32.2300	5.6543	1.08111
8100	4.6695	0.9852	1.1033	32.4145	5.7673	1.08910
8200	4.6837	0.9766	1.1117	32.6062	5.8869	1.09766
8300	4.6982	0.9679	1.1206	32.8052	6.0133	1.10680
8400	4.7129	0.9590	1.1302	33.0116	6.1464	1.11655
8500	4.7278	0.9499	1.1404	33.2258	6.2866	1.12694

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8600	4.7430	0.9407	1.1513	33.4476	6.4336	1.13796
8700	4.7583	0.9314	1.1628	33.6771	6.5876	1.14965
8800	4.7737	0.9219	1.1750	33.9146	6.7486	1.16202
8900	4.7893	0.9122	1.1879	34.1598	6.9165	1.17506
9000	4.8050	0.9024	1.2015	34.4129	7.0911	1.18880
9100	4.8207	0.8925	1.2158	34.6736	7.2723	1.20322
9200	4.8365	0.8824	1.2308	34.9420	7.4601	1.21833
9300	4.8524	0.8722	1.2465	35.2176	7.6538	1.23413
9400	4.8682	0.8619	1.2628	35.5002	7.8536	1.25061
9500	4.8840	0.8515	1.2798	35.7897	8.0588	1.26776
9600	4.8997	0.8410	1.2975	36.0854	8.2691	1.28555
9700	4.9154	0.8304	1.3158	36.3872	8.4842	1.30398
9800	4.9309	0.8198	1.3347	36.6944	8.7035	1.32297
9900	4.9463	0.8091	1.3541	37.0068	8.9265	1.34250
10000	4.9615	0.7984	1.3740	37.3235	9.1526	1.36251
10100	4.9766	0.7877	1.3943	37.6441	9.3808	1.38293
10200	4.9923	0.7767	1.4161	37.9850	9.6323	1.40489
10300	5.0069	0.7660	1.4372	38.3110	9.8631	1.42610
10400	5.0210	0.7555	1.4585	38.6373	10.0929	1.44751
10500	5.0349	0.7450	1.4799	38.9628	10.3210	1.46903
10600	5.0485	0.7346	1.5015	39.2894	10.5485	1.49076
10700	5.0617	0.7243	1.5230	39.6135	10.7726	1.51247
10800	5.0745	0.7142	1.5445	39.9348	10.9923	1.53406
10900	5.0870	0.7042	1.5660	40.2539	11.2092	1.55566
11000	5.0991	0.6944	1.5872	40.5682	11.4201	1.57699
11100	5.1107	0.6848	1.6080	40.8769	11.6245	1.59801
11200	5.1220	0.6753	1.6287	41.1813	11.8240	1.61882
11300	5.1328	0.6662	1.6487	41.4769	12.0137	1.63900
11400	5.1432	0.6572	1.6684	41.7673	12.1974	1.65886
11500	5.1532	0.6484	1.6877	42.0521	12.3749	1.67837
11600	5.1628	0.6399	1.7063	42.3264	12.5415	1.69711
11700	5.1720	0.6316	1.7244	42.5947	12.7013	1.71540
11800	5.1809	0.6235	1.7418	42.8542	12.8521	1.73306
11900	5.1894	0.6156	1.7588	43.1069	12.9959	1.75024
12000	5.1974	0.6081	1.7749	43.3490	13.1288	1.76658
12100	5.2052	0.6006	1.7904	43.5846	13.2548	1.78241
12200	5.2126	0.5935	1.8053	43.8116	13.3721	1.79755
12300	5.2197	0.5865	1.8197	44.0319	13.4828	1.81219
12400	5.2264	0.5798	1.8333	44.2426	13.5839	1.82604
12500	5.2330	0.5732	1.8463	44.4471	13.6790	1.83939
12600	5.2392	0.5668	1.8587	44.6442	13.7669	1.85214
12700	5.2452	0.5606	1.8706	44.8342	13.8478	1.86430
12800	5.2509	0.5546	1.8818	45.0177	13.9223	1.87590
12900	5.2565	0.5487	1.8927	45.1961	13.9920	1.88710
13000	5.2618	0.5430	1.9030	45.3683	14.0559	1.89779
13100	5.2670	0.5375	1.9128	45.5352	14.1149	1.90801
13200	5.2719	0.5320	1.9221	45.6969	14.1690	1.91778
13300	5.2767	0.5267	1.9310	45.8536	14.2187	1.92715
13400	5.2814	0.5216	1.9397	46.0069	14.2653	1.93623
13500	5.2859	0.5165	1.9478	46.1553	14.3075	1.94487
13600	5.2903	0.5116	1.9557	46.3009	14.3472	1.95327
13700	5.2946	0.5067	1.9633	46.4430	14.3841	1.96138
13800	5.2988	0.5019	1.9706	46.5819	14.4183	1.96922
13900	5.3029	0.4972	1.9777	46.7187	14.4509	1.97689
14000	5.3069	0.4926	1.9844	46.8529	14.4814	1.98427

LOG P= 2.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14100	5.3109	0.4881	1.9911	46.9843	14.5097	1.99152
14200	5.3148	0.4836	1.9975	47.1144	14.5370	1.99861
14300	5.3186	0.4792	2.0038	47.2425	14.5631	2.00554
14400	5.3224	0.4749	2.0099	47.3692	14.5881	2.01235
14500	5.3261	0.4706	2.0158	47.4946	14.6125	2.01905
14600	5.3298	0.4663	2.0217	47.6187	14.6361	2.02566
14700	5.3334	0.4621	2.0274	47.7423	14.6597	2.03224
14800	5.3371	0.4580	2.0331	47.8648	14.6827	2.03873
14900	5.3407	0.4538	2.0387	47.9868	14.7059	2.04521
15000	5.3443	0.4498	2.0443	48.1085	14.7289	2.05166

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6069	2.6297	1.2824	14.4312	2.0224	1.00000
300	2.9754	2.4602	1.2520	16.5702	3.1500	1.00000
400	3.1281	2.3396	1.2422	17.6986	3.3577	1.00000
500	3.2461	2.2491	1.2244	18.6261	3.5245	1.00000
600	3.3325	2.1770	1.2056	19.3248	3.5836	1.00000
700	3.4040	2.1166	1.1873	19.9123	3.6214	1.00000
800	3.4676	2.0646	1.1712	20.5144	3.6687	1.00000
900	3.5228	2.0187	1.1572	20.9827	3.7030	1.00000
1000	3.5720	1.9777	1.1447	21.4062	3.7323	1.00000
1100	3.6167	1.9405	1.1337	21.7920	3.7610	1.00000
1200	3.6576	1.9064	1.1240	22.1476	3.7882	1.00000
1300	3.6953	1.8749	1.1156	22.4777	3.8140	1.00000
1400	3.7303	1.8457	1.1081	22.7860	3.8387	1.00000
1500	3.7629	1.8183	1.1014	23.0751	3.8622	1.00000
1600	3.7934	1.7927	1.0955	23.3468	3.8840	1.00000
1700	3.8220	1.7685	1.0900	23.6037	3.9047	1.00000
1800	3.8491	1.7456	1.0852	23.8477	3.9250	1.00000
1900	3.8747	1.7239	1.0808	24.0798	3.9443	1.00000
2000	3.9002	1.7032	1.0767	24.3131	3.9732	1.00000
2100	3.9232	1.6835	1.0731	24.5249	3.9902	1.00000
2200	3.9453	1.6647	1.0698	24.7276	4.0077	1.00000
2300	3.9663	1.6466	1.0667	24.9223	4.0233	1.00000
2400	3.9864	1.6293	1.0639	25.1091	4.0384	1.00000
2500	4.0058	1.6126	1.0613	25.2889	4.0536	1.00000
2600	4.0243	1.5966	1.0589	25.4617	4.0672	1.00000
2700	4.0420	1.5811	1.0567	25.6287	4.0799	1.00000
2800	4.0592	1.5662	1.0546	25.7900	4.0931	1.00000
2900	4.0757	1.5517	1.0526	25.9458	4.1050	1.00000
3000	4.0916	1.5378	1.0508	26.0967	4.1161	1.00000
3100	4.1071	1.5242	1.0491	26.2430	4.1277	1.00000
3200	4.1219	1.5111	1.0475	26.3847	4.1380	1.00000
3300	4.1364	1.4983	1.0461	26.5226	4.1483	1.00000
3400	4.1504	1.4859	1.0447	26.6564	4.1588	1.00000
3500	4.1640	1.4739	1.0434	26.7868	4.1679	1.00000
3600	4.1772	1.4622	1.0421	26.9137	4.1775	1.00001
3700	4.1900	1.4508	1.0410	27.0374	4.1860	1.00001
3800	4.2026	1.4396	1.0399	27.1580	4.1955	1.00002
3900	4.2147	1.4288	1.0389	27.2757	4.2040	1.00003
4000	4.2266	1.4182	1.0379	27.3907	4.2121	1.00005
4100	4.2382	1.4079	1.0370	27.5034	4.2206	1.00006
4200	4.2495	1.3978	1.0361	27.6136	4.2289	1.00009

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4300	4.2606	1.3879	1.0352	27.7217	4.2380	1.00012
4400	4.2715	1.3783	1.0344	27.8282	4.2464	1.00016
4500	4.2822	1.3688	1.0337	27.9330	4.2563	1.00023
4600	4.2928	1.3596	1.0329	28.0368	4.2661	1.00029
4700	4.3033	1.3505	1.0322	28.1402	4.2774	1.00039
4800	4.3138	1.3417	1.0316	28.2436	4.2906	1.00050
4900	4.3243	1.3330	1.0310	28.3474	4.3061	1.00065
5000	4.3348	1.3245	1.0303	28.4519	4.3231	1.00082
5100	4.3413	1.3158	1.0304	28.5125	4.3024	1.00104
5200	4.3508	1.3075	1.0301	28.6071	4.3128	1.00129
5300	4.3602	1.2994	1.0298	28.7016	4.3244	1.00160
5400	4.3696	1.2913	1.0296	28.7959	4.3372	1.00197
5500	4.3790	1.2834	1.0295	28.8901	4.3511	1.00241
5600	4.3883	1.2756	1.0295	28.9845	4.3663	1.00291
5700	4.3976	1.2679	1.0295	29.0789	4.3828	1.00351
5800	4.4069	1.2602	1.0298	29.1738	4.4007	1.00420
5900	4.4163	1.2527	1.0301	29.2692	4.4202	1.00499
6000	4.4257	1.2452	1.0305	29.3655	4.4414	1.00590
6100	4.4351	1.2377	1.0311	29.4627	4.4645	1.00694
6200	4.4446	1.2304	1.0319	29.5614	4.4899	1.00813
6300	4.4542	1.2230	1.0328	29.6615	4.5175	1.00947
6400	4.4640	1.2157	1.0339	29.7637	4.5477	1.01097
6500	4.4738	1.2084	1.0353	29.8679	4.5807	1.01267
6600	4.4839	1.2012	1.0368	29.9747	4.6169	1.01457
6700	4.4941	1.1939	1.0385	30.0843	4.6562	1.01669
6800	4.5045	1.1866	1.0405	30.1965	4.6988	1.01903
6900	4.5151	1.1793	1.0428	30.3119	4.7447	1.02164
7000	4.5258	1.1720	1.0453	30.4304	4.7943	1.02451
7100	4.5368	1.1647	1.0482	30.5524	4.8475	1.02767
7200	4.5479	1.1573	1.0513	30.6780	4.9045	1.03114
7300	4.5593	1.1499	1.0548	30.8075	4.9655	1.03493
7400	4.5709	1.1424	1.0587	30.9413	5.0308	1.03907
7500	4.5827	1.1348	1.0629	31.0795	5.1005	1.04358
7600	4.5947	1.1272	1.0675	31.2224	5.1748	1.04847
7700	4.6070	1.1195	1.0725	31.3703	5.2540	1.05377
7800	4.6195	1.1117	1.0780	31.5237	5.3383	1.05950
7900	4.6323	1.1038	1.0839	31.6826	5.4281	1.06567
8000	4.6453	1.0957	1.0903	31.8475	5.5235	1.07232
8100	4.6586	1.0876	1.0972	32.0187	5.6248	1.07945
8200	4.6721	1.0794	1.1047	32.1963	5.7322	1.08710
8300	4.6859	1.0710	1.1126	32.3805	5.8457	1.09527
8400	4.6999	1.0625	1.1211	32.5714	5.9653	1.10399
8500	4.7141	1.0538	1.1302	32.7691	6.0913	1.11329
8600	4.7285	1.0450	1.1399	32.9739	6.2237	1.12316
8700	4.7431	1.0361	1.1502	33.1857	6.3624	1.13365
8800	4.7579	1.0271	1.1611	33.4047	6.5076	1.14474
8900	4.7728	1.0179	1.1726	33.6308	6.6591	1.15646
9000	4.7878	1.0085	1.1848	33.8642	6.8169	1.16883
9100	4.8030	0.9990	1.1976	34.1047	6.9811	1.18182
9200	4.8182	0.9894	1.2111	34.3523	7.1514	1.19546
9300	4.8335	0.9797	1.2252	34.6069	7.3277	1.20977
9400	4.8487	0.9699	1.2400	34.8682	7.5097	1.22471
9500	4.8641	0.9599	1.2554	35.1363	7.6972	1.24030
9600	4.8793	0.9498	1.2715	35.4104	7.8900	1.25653
9700	4.8946	0.9396	1.2882	35.6908	8.0876	1.27338

LOG P= 2.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9800	4.9098	0.9294	1.3055	35.9771	8.2901	1.29082
9900	4.9249	0.9191	1.3233	36.2687	8.4966	1.30882
10000	4.9399	0.9088	1.3417	36.5654	8.7069	1.32733
10100	4.9547	0.8984	1.3605	36.8667	8.9203	1.34630
10200	4.9704	0.8877	1.3808	37.1886	9.1578	1.36680
10300	4.9849	0.8772	1.4006	37.4974	9.3760	1.38671
10400	4.9991	0.8669	1.4207	37.8079	9.5949	1.40691
10500	5.0130	0.8566	1.4409	38.1189	9.8134	1.42734
10600	5.0267	0.8463	1.4616	38.4326	10.0329	1.44809
10700	5.0401	0.8361	1.4823	38.7454	10.2507	1.46896
10800	5.0532	0.8260	1.5030	39.0574	10.4659	1.48985
10900	5.0660	0.8160	1.5239	39.3689	10.6801	1.51090
11000	5.0784	0.8062	1.5447	39.6776	10.8903	1.53184
11100	5.0905	0.7965	1.5653	39.9825	11.0957	1.55264
11200	5.1022	0.7869	1.5859	40.2850	11.2981	1.57338
11300	5.1135	0.7776	1.6060	40.5805	11.4921	1.59364
11400	5.1244	0.7684	1.6259	40.8724	11.6820	1.61374
11500	5.1350	0.7594	1.6456	41.1604	11.8671	1.63363
11600	5.1452	0.7506	1.6646	41.4394	12.0425	1.65286
11700	5.1550	0.7420	1.6833	41.7134	12.2124	1.67179
11800	5.1644	0.7337	1.7015	41.9801	12.3743	1.69018
11900	5.1735	0.7255	1.7193	42.2410	12.5302	1.70819
12000	5.1822	0.7176	1.7363	42.4920	12.6759	1.72543
12100	5.1905	0.7099	1.7529	42.7372	12.8154	1.74226
12200	5.1985	0.7024	1.7688	42.9744	12.9465	1.75846
12300	5.2062	0.6950	1.7843	43.2055	13.0715	1.77420
12400	5.2136	0.6880	1.7989	43.4270	13.1866	1.78916
12500	5.2206	0.6811	1.8131	43.6427	13.2959	1.80367
12600	5.2274	0.6744	1.8267	43.8508	13.3977	1.81758
12700	5.2339	0.6678	1.8397	44.0517	13.4924	1.83088
12800	5.2401	0.6615	1.8520	44.2458	13.5802	1.84362
12900	5.2461	0.6554	1.8640	44.4346	13.6630	1.85594
13000	5.2519	0.6494	1.8754	44.6170	13.7397	1.86773
13100	5.2575	0.6435	1.8862	44.7934	13.8104	1.87899
13200	5.2628	0.6378	1.8966	44.9641	13.8759	1.88978
13300	5.2680	0.6323	1.9065	45.1294	13.9362	1.90012
13400	5.2730	0.6269	1.9160	45.2909	13.9930	1.91013
13500	5.2778	0.6216	1.9250	45.4467	14.0446	1.91964
13600	5.2825	0.6165	1.9338	45.5991	14.0931	1.92887
13700	5.2871	0.6114	1.9421	45.7476	14.1382	1.93776
13800	5.2916	0.6065	1.9501	45.8922	14.1798	1.94632
13900	5.2959	0.6016	1.9579	46.0343	14.2193	1.95467
14000	5.3001	0.5968	1.9653	46.1730	14.2560	1.96266
14100	5.3043	0.5922	1.9725	46.3084	14.2900	1.97048
14200	5.3083	0.5876	1.9794	46.4420	14.3223	1.97809
14300	5.3123	0.5831	1.9861	46.5731	14.3530	1.98549
14400	5.3162	0.5786	1.9926	46.7023	14.3820	1.99271
14500	5.3200	0.5742	1.9989	46.8295	14.4095	1.99978
14600	5.3238	0.5699	2.0051	46.9550	14.4361	2.00671
14700	5.3275	0.5656	2.0112	47.0798	14.4620	2.01358
14800	5.3312	0.5614	2.0171	47.2028	14.4869	2.02029
14900	5.3349	0.5572	2.0229	47.3250	14.5116	2.02697
15000	5.3385	0.5531	2.0286	47.4464	14.5358	2.03357

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6118	2.6661	1.4945	14.1549	2.0452	1.00000
300	2.9807	2.5201	1.3714	16.3056	3.1884	1.00000
400	3.1307	2.4105	1.3294	17.4224	3.3782	1.00000
500	3.2498	2.3250	1.2937	18.3673	3.5552	1.00000
600	3.3362	2.2561	1.2641	19.0720	3.6147	1.00000
700	3.4079	2.1981	1.2393	19.6660	3.6546	1.00000
800	3.4714	2.1479	1.2171	20.2719	3.7011	1.00000
900	3.5265	2.1035	1.1983	20.7433	3.7345	1.00000
1000	3.5755	2.0636	1.1821	21.1690	3.7628	1.00000
1100	3.6201	2.0274	1.1682	21.5565	3.7905	1.00000
1200	3.6609	1.9943	1.1560	21.9135	3.8166	1.00000
1300	3.6984	1.9636	1.1451	22.2445	3.8410	1.00000
1400	3.7332	1.9350	1.1355	22.5536	3.8645	1.00000
1500	3.7657	1.9083	1.1270	22.8433	3.8867	1.00000
1600	3.7960	1.8832	1.1195	23.1154	3.9075	1.00000
1700	3.8245	1.8595	1.1127	23.3727	3.9272	1.00000
1800	3.8515	1.8371	1.1066	23.6170	3.9465	1.00000
1900	3.8770	1.8158	1.1011	23.8492	3.9650	1.00000
2000	3.9023	1.7955	1.0961	24.0828	3.9930	1.00000
2100	3.9253	1.7762	1.0915	24.2947	4.0092	1.00000
2200	3.9473	1.7576	1.0873	24.4975	4.0259	1.00000
2300	3.9682	1.7399	1.0834	24.6922	4.0408	1.00000
2400	3.9882	1.7228	1.0799	24.8792	4.0552	1.00000
2500	4.0075	1.7064	1.0766	25.0590	4.0697	1.00000
2600	4.0259	1.6906	1.0736	25.2319	4.0827	1.00000
2700	4.0436	1.6753	1.0708	25.3988	4.0949	1.00000
2800	4.0607	1.6606	1.0682	25.5601	4.1076	1.00000
2900	4.0772	1.6463	1.0658	25.7159	4.1190	1.00000
3000	4.0930	1.6325	1.0635	25.8668	4.1296	1.00000
3100	4.1084	1.6191	1.0615	26.0131	4.1408	1.00000
3200	4.1233	1.6062	1.0595	26.1549	4.1506	1.00000
3300	4.1377	1.5936	1.0576	26.2926	4.1606	1.00000
3400	4.1517	1.5813	1.0559	26.4265	4.1707	1.00000
3500	4.1652	1.5694	1.0542	26.5568	4.1794	1.00000
3600	4.1784	1.5578	1.0527	26.6837	4.1887	1.00001
3700	4.1911	1.5465	1.0512	26.8074	4.1969	1.00001
3800	4.2037	1.5355	1.0498	26.9279	4.2060	1.00002
3900	4.2158	1.5248	1.0485	27.0457	4.2143	1.00002
4000	4.2276	1.5143	1.0473	27.1606	4.2220	1.00004
4100	4.2391	1.5040	1.0461	27.2732	4.2302	1.00005
4200	4.2504	1.4940	1.0450	27.3834	4.2382	1.00008
4300	4.2616	1.4843	1.0439	27.4915	4.2472	1.00010
4400	4.2724	1.4747	1.0429	27.5979	4.2553	1.00014
4500	4.2831	1.4653	1.0419	27.7027	4.2650	1.00020
4600	4.2936	1.4562	1.0410	27.8065	4.2746	1.00026
4700	4.3041	1.4472	1.0402	27.9099	4.2857	1.00035
4800	4.3146	1.4384	1.0393	28.0133	4.2987	1.00045
4900	4.3251	1.4298	1.0385	28.1170	4.3140	1.00058
5000	4.3355	1.4213	1.0378	28.2215	4.3308	1.00073
5100	4.3418	1.4128	1.0377	28.2800	4.3079	1.00092
5200	4.3512	1.4045	1.0371	28.3739	4.3176	1.00115
5300	4.3606	1.3965	1.0367	28.4677	4.3283	1.00142
5400	4.3699	1.3885	1.0363	28.5611	4.3401	1.00175
5500	4.3792	1.3807	1.0360	28.6543	4.3530	1.00214
5600	4.3884	1.3729	1.0358	28.7474	4.3670	1.00259

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5700	4.3976	1.3653	1.0357	28.8405	4.3821	1.00312
5800	4.4067	1.3577	1.0357	28.9338	4.3985	1.00374
5900	4.4159	1.3502	1.0358	29.0275	4.4163	1.00444
6000	4.4251	1.3428	1.0361	29.1218	4.4356	1.00526
6100	4.4343	1.3355	1.0365	29.2168	4.4566	1.00619
6200	4.4436	1.3282	1.0370	29.3129	4.4795	1.00724
6300	4.4530	1.3210	1.0377	29.4103	4.5045	1.00843
6400	4.4625	1.3138	1.0385	29.5092	4.5318	1.00978
6500	4.4720	1.3066	1.0395	29.6100	4.5616	1.01129
6600	4.4818	1.2995	1.0408	29.7130	4.5943	1.01298
6700	4.4916	1.2924	1.0422	29.8183	4.6298	1.01486
6800	4.5017	1.2852	1.0439	29.9259	4.6682	1.01696
6900	4.5118	1.2781	1.0458	30.0363	4.7096	1.01928
7000	4.5222	1.2710	1.0479	30.1494	4.7542	1.02184
7100	4.5327	1.2638	1.0503	30.2653	4.8020	1.02465
7200	4.5434	1.2566	1.0530	30.3844	4.8532	1.02775
7300	4.5542	1.2494	1.0560	30.5070	4.9080	1.03113
7400	4.5653	1.2421	1.0594	30.6332	4.9665	1.03481
7500	4.5765	1.2348	1.0630	30.7634	5.0291	1.03883
7600	4.5880	1.2274	1.0671	30.8976	5.0956	1.04320
7700	4.5997	1.2199	1.0714	31.0362	5.1666	1.04793
7800	4.6116	1.2124	1.0762	31.1796	5.2422	1.05303
7900	4.6238	1.2048	1.0814	31.3279	5.3226	1.05854
8000	4.6361	1.1970	1.0871	31.4816	5.4081	1.06448
8100	4.6488	1.1892	1.0931	31.6408	5.4990	1.07084
8200	4.6616	1.1813	1.0997	31.8058	5.5953	1.07766
8300	4.6747	1.1733	1.1067	31.9766	5.6972	1.08497
8400	4.6881	1.1651	1.1142	32.1535	5.8047	1.09276
8500	4.7016	1.1569	1.1222	32.3365	5.9179	1.10107
8600	4.7153	1.1485	1.1308	32.5258	6.0370	1.10991
8700	4.7292	1.1400	1.1400	32.7215	6.1618	1.11929
8800	4.7433	1.1313	1.1497	32.9236	6.2926	1.12923
8900	4.7575	1.1226	1.1599	33.1323	6.4292	1.13974
9000	4.7719	1.1137	1.1708	33.3476	6.5717	1.15085
9100	4.7864	1.1046	1.1823	33.5695	6.7200	1.16253
9200	4.8010	1.0955	1.1943	33.7981	6.8742	1.17483
9300	4.8157	1.0862	1.2070	34.0331	7.0338	1.18773
9400	4.8304	1.0768	1.2203	34.2744	7.1991	1.20123
9500	4.8452	1.0673	1.2342	34.5221	7.3697	1.21535
9600	4.8600	1.0576	1.2488	34.7758	7.5454	1.23008
9700	4.8747	1.0479	1.2639	35.0356	7.7262	1.24540
9800	4.8895	1.0381	1.2796	35.3013	7.9118	1.26131
9900	4.9042	1.0282	1.2959	35.5724	8.1019	1.27778
10000	4.9189	1.0182	1.3127	35.8490	8.2961	1.29478
10100	4.9334	1.0082	1.3300	36.1307	8.4941	1.31226
10200	4.9489	0.9978	1.3488	36.4327	8.7162	1.33123
10300	4.9632	0.9877	1.3672	36.7232	8.9207	1.34976
10400	4.9773	0.9776	1.3859	37.0164	9.1267	1.36863
10500	4.9912	0.9676	1.4049	37.3113	9.3335	1.38782
10600	5.0050	0.9575	1.4243	37.6100	9.5426	1.40742
10700	5.0184	0.9475	1.4440	37.9092	9.7513	1.42723
10800	5.0316	0.9375	1.4637	38.2090	9.9590	1.44719
10900	5.0446	0.9276	1.4838	38.5099	10.1670	1.46742
11000	5.0573	0.9178	1.5039	38.8094	10.3727	1.48768
11100	5.0696	0.9081	1.5239	39.1069	10.5754	1.50793

LOG P= 2.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11200	5.0817	0.8985	1.5441	39.4035	10.7766	1.52826
11300	5.0933	0.8891	1.5639	39.6950	10.9713	1.54826
11400	5.1047	0.8798	1.5837	39.9844	11.1634	1.56824
11500	5.1158	0.8707	1.6034	40.2718	11.3523	1.58816
11600	5.1264	0.8617	1.6225	40.5516	11.5331	1.60756
11700	5.1367	0.8530	1.6415	40.8281	11.7098	1.62679
11800	5.1467	0.8444	1.6601	41.0985	11.8797	1.64562
11900	5.1564	0.8359	1.6785	41.3645	12.0450	1.66420
12000	5.1656	0.8278	1.6961	41.6217	12.2008	1.68209
12100	5.1745	0.8197	1.7134	41.8742	12.3513	1.69968
12200	5.1831	0.8119	1.7302	42.1194	12.4945	1.71672
12300	5.1914	0.8043	1.7466	42.3594	12.6319	1.73339
12400	5.1993	0.7969	1.7622	42.5902	12.7597	1.74932
12500	5.2069	0.7897	1.7774	42.8156	12.8821	1.76484
12600	5.2142	0.7827	1.7920	43.0337	12.9972	1.77980
12700	5.2212	0.7759	1.8060	43.2446	13.1051	1.79418
12800	5.2280	0.7692	1.8195	43.4488	13.2061	1.80799
12900	5.2345	0.7628	1.8325	43.6479	13.3019	1.82139
13000	5.2408	0.7565	1.8450	43.8402	13.3914	1.83427
13100	5.2468	0.7503	1.8569	44.0264	13.4745	1.84661
13200	5.2526	0.7444	1.8683	44.2067	13.5520	1.85845
13300	5.2582	0.7386	1.8792	44.3811	13.6239	1.86980
13400	5.2636	0.7329	1.8897	44.5515	13.6920	1.88082
13500	5.2688	0.7274	1.8997	44.7154	13.7539	1.89127
13600	5.2738	0.7220	1.9093	44.8759	13.8126	1.90143
13700	5.2787	0.7167	1.9185	45.0317	13.8670	1.91119
13800	5.2834	0.7116	1.9273	45.1832	13.9176	1.92059
13900	5.2881	0.7065	1.9359	45.3318	13.9654	1.92973
14000	5.2926	0.7016	1.9440	45.4762	14.0096	1.93846
14100	5.2969	0.6967	1.9519	45.6172	14.0508	1.94698
14200	5.3012	0.6920	1.9595	45.7556	14.0898	1.95525
14300	5.3054	0.6873	1.9668	45.8912	14.1263	1.96325
14400	5.3094	0.6827	1.9738	46.0242	14.1606	1.97102
14500	5.3134	0.6782	1.9807	46.1547	14.1930	1.97859
14600	5.3174	0.6738	1.9873	46.2830	14.2238	1.98597
14700	5.3212	0.6694	1.9937	46.4102	14.2537	1.99326
14800	5.3250	0.6651	2.0000	46.5350	14.2817	2.00033
14900	5.3288	0.6608	2.0061	46.6588	14.3092	2.00735
15000	5.3325	0.6567	2.0121	46.7812	14.3359	2.01423

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6285	2.6972	1.7598	13.8911	2.1255	1.00000
300	2.9904	2.5735	1.5303	16.0443	3.2605	1.00000
400	3.1367	2.4740	1.4416	17.1488	3.4245	1.00000
500	3.2558	2.3959	1.3850	18.1082	3.6047	1.00000
600	3.3416	2.3308	1.3396	18.8178	3.6599	1.00000
700	3.4132	2.2756	1.3040	19.4181	3.6988	1.00000
800	3.4765	2.2276	1.2751	20.0283	3.7443	1.00000
900	3.5313	2.1850	1.2506	20.5030	3.7762	1.00000
1000	3.5801	2.1466	1.2294	20.9311	3.8024	1.00000
1100	3.6244	2.1117	1.2112	21.3205	3.8281	1.00000
1200	3.6649	2.0795	1.1955	21.6789	3.8523	1.00000
1300	3.7022	2.0498	1.1819	22.0110	3.8752	1.00000

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.7369	2.0221	1.1699	22.3209	3.8972	1.00000
1500	3.7692	1.9961	1.1593	22.6113	3.9180	1.00000
1600	3.7993	1.9717	1.1497	22.8840	3.9373	1.00000
1700	3.8277	1.9486	1.1411	23.1417	3.9556	1.00000
1800	3.8545	1.9267	1.1334	23.3863	3.9736	1.00000
1900	3.8798	1.9059	1.1264	23.6188	3.9908	1.00000
2000	3.9050	1.8861	1.1201	23.8526	4.0177	1.00000
2100	3.9278	1.8671	1.1143	24.0646	4.0330	1.00000
2200	3.9497	1.8490	1.1091	24.2675	4.0487	1.00000
2300	3.9705	1.8316	1.1043	24.4624	4.0627	1.00000
2400	3.9905	1.8148	1.0999	24.6493	4.0763	1.00000
2500	4.0097	1.7987	1.0958	24.8292	4.0900	1.00000
2600	4.0280	1.7832	1.0920	25.0021	4.1023	1.00000
2700	4.0456	1.7682	1.0885	25.1691	4.1137	1.00000
2800	4.0627	1.7537	1.0853	25.3304	4.1257	1.00000
2900	4.0790	1.7397	1.0822	25.4862	4.1365	1.00000
3000	4.0948	1.7261	1.0794	25.6371	4.1466	1.00000
3100	4.1102	1.7129	1.0767	25.7833	4.1571	1.00000
3200	4.1249	1.7001	1.0743	25.9251	4.1664	1.00000
3300	4.1393	1.6877	1.0719	26.0628	4.1758	1.00000
3400	4.1532	1.6756	1.0697	26.1967	4.1855	1.00000
3500	4.1667	1.6639	1.0677	26.3270	4.1938	1.00000
3600	4.1798	1.6524	1.0658	26.4538	4.2026	1.00001
3700	4.1925	1.6413	1.0639	26.5775	4.2104	1.00001
3800	4.2050	1.6304	1.0622	26.6980	4.2192	1.00002
3900	4.2171	1.6198	1.0606	26.8157	4.2271	1.00002
4000	4.2289	1.6094	1.0590	26.9306	4.2344	1.00004
4100	4.2404	1.5993	1.0576	27.0432	4.2424	1.00005
4200	4.2516	1.5894	1.0562	27.1533	4.2500	1.00007
4300	4.2627	1.5798	1.0548	27.2614	4.2587	1.00009
4400	4.2735	1.5703	1.0535	27.3678	4.2665	1.00013
4500	4.2842	1.5610	1.0523	27.4726	4.2759	1.00018
4600	4.2947	1.5520	1.0512	27.5763	4.2852	1.00023
4700	4.3052	1.5431	1.0501	27.6797	4.2961	1.00031
4800	4.3156	1.5344	1.0490	27.7831	4.3089	1.00040
4900	4.3261	1.5258	1.0480	27.8868	4.3239	1.00051
5000	4.3365	1.5175	1.0470	27.9913	4.3405	1.00065
5100	4.3426	1.5090	1.0466	28.0478	4.3157	1.00082
5200	4.3520	1.5009	1.0459	28.1412	4.3246	1.00103
5300	4.3612	1.4929	1.0453	28.2343	4.3346	1.00127
5400	4.3704	1.4850	1.0447	28.3269	4.3455	1.00156
5500	4.3796	1.4772	1.0442	28.4192	4.3574	1.00190
5600	4.3887	1.4696	1.0438	28.5113	4.3702	1.00231
5700	4.3978	1.4620	1.0435	28.6031	4.3841	1.00278
5800	4.4068	1.4546	1.0433	28.6951	4.3990	1.00333
5900	4.4158	1.4472	1.0432	28.7871	4.4153	1.00396
6000	4.4248	1.4399	1.0432	28.8797	4.4329	1.00468
6100	4.4339	1.4326	1.0434	28.9726	4.4519	1.00551
6200	4.4430	1.4255	1.0436	29.0665	4.4727	1.00645
6300	4.4521	1.4183	1.0441	29.1615	4.4953	1.00751
6400	4.4613	1.4112	1.0446	29.2576	4.5200	1.00871
6500	4.4706	1.4042	1.0454	29.3552	4.5469	1.01006
6600	4.4801	1.3972	1.0463	29.4549	4.5764	1.01157
6700	4.4896	1.3902	1.0475	29.5564	4.6085	1.01324
6800	4.4993	1.3832	1.0488	29.6599	4.6431	1.01511

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6900	4.5091	1.3762	1.0503	29.7658	4.6804	1.01718
7000	4.5191	1.3692	1.0521	29.8740	4.7206	1.01945
7100	4.5292	1.3623	1.0541	29.9846	4.7635	1.02197
7200	4.5394	1.3553	1.0564	30.0979	4.8095	1.02472
7300	4.5498	1.3482	1.0589	30.2143	4.8587	1.02774
7400	4.5604	1.3411	1.0617	30.3338	4.9112	1.03102
7500	4.5712	1.3340	1.0649	30.4567	4.9673	1.03460
7600	4.5821	1.3269	1.0683	30.5831	5.0269	1.03849
7700	4.5933	1.3197	1.0721	30.7134	5.0905	1.04271
7800	4.6046	1.3124	1.0763	30.8479	5.1583	1.04725
7900	4.6162	1.3050	1.0808	30.9867	5.2303	1.05217
8000	4.6279	1.2976	1.0857	31.1302	5.3070	1.05746
8100	4.6400	1.2901	1.0910	31.2788	5.3885	1.06314
8200	4.6522	1.2825	1.0967	31.4325	5.4749	1.06923
8300	4.6646	1.2748	1.1029	31.5913	5.5663	1.07575
8400	4.6773	1.2670	1.1095	31.7556	5.6628	1.08272
8500	4.6902	1.2591	1.1166	31.9254	5.7646	1.09013
8600	4.7032	1.2510	1.1242	32.1007	5.8715	1.09804
8700	4.7165	1.2429	1.1323	32.2819	5.9838	1.10643
8800	4.7299	1.2347	1.1409	32.4689	6.1014	1.11533
8900	4.7435	1.2263	1.1500	32.6618	6.2244	1.12474
9000	4.7572	1.2178	1.1597	32.8606	6.3529	1.13470
9100	4.7711	1.2092	1.1699	33.0656	6.4867	1.14519
9200	4.7850	1.2005	1.1807	33.2766	6.6258	1.15624
9300	4.7991	1.1916	1.1920	33.4934	6.7703	1.16784
9400	4.8132	1.1827	1.2039	33.7163	6.9200	1.18001
9500	4.8274	1.1736	1.2164	33.9451	7.0748	1.19275
9600	4.8417	1.1644	1.2295	34.1795	7.2344	1.20607
9700	4.8559	1.1551	1.2431	34.4197	7.3990	1.21996
9800	4.8702	1.1457	1.2573	34.6658	7.5685	1.23440
9900	4.8845	1.1362	1.2721	34.9174	7.7424	1.24941
10000	4.8988	1.1267	1.2874	35.1744	7.9208	1.26493
10100	4.9130	1.1171	1.3032	35.4367	8.1032	1.28095
10200	4.9282	1.1071	1.3204	35.7189	8.3096	1.29839
10300	4.9422	1.0973	1.3373	35.9907	8.4994	1.31548
10400	4.9561	1.0876	1.3545	36.2659	8.6914	1.33295
10500	4.9699	1.0778	1.3722	36.5432	8.8851	1.35079
10600	4.9835	1.0680	1.3903	36.8255	9.0820	1.36910
10700	4.9969	1.0582	1.4087	37.1090	9.2796	1.38769
10800	5.0101	1.0485	1.4273	37.3944	9.4772	1.40652
10900	5.0231	1.0387	1.4463	37.6820	9.6765	1.42571
11000	5.0359	1.0291	1.4654	37.9695	9.8748	1.44504
11100	5.0484	1.0195	1.4846	38.2566	10.0716	1.46447
11200	5.0607	1.0099	1.5040	38.5441	10.2683	1.48410
11300	5.0726	1.0006	1.5232	38.8281	10.4602	1.50354
11400	5.0843	0.9913	1.5425	39.1116	10.6509	1.52309
11500	5.0957	0.9820	1.5619	39.3948	10.8399	1.54272
11600	5.1067	0.9730	1.5809	39.6717	11.0223	1.56196
11700	5.1175	0.9641	1.5999	39.9472	11.2021	1.58117
11800	5.1279	0.9554	1.6186	40.2177	11.3765	1.60011
11900	5.1380	0.9468	1.6371	40.4853	11.5475	1.61892
12000	5.1477	0.9384	1.6551	40.7453	11.7102	1.63717
12100	5.1572	0.9302	1.6728	41.0018	11.8688	1.65521
12200	5.1663	0.9221	1.6902	41.2522	12.0209	1.67282
12300	5.1751	0.9142	1.7072	41.4984	12.1683	1.69016

LOG P= 2.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12400	5.1836	0.9066	1.7235	41.7361	12.3068	1.70683
12500	5.1918	0.8991	1.7395	41.9692	12.4406	1.72318
12600	5.1996	0.8917	1.7550	42.1957	12.5674	1.73902
12700	5.2072	0.8846	1.7700	42.4154	12.6875	1.75434
12800	5.2144	0.8777	1.7844	42.6287	12.8008	1.76913
12900	5.2215	0.8709	1.7984	42.8372	12.9092	1.78355
13000	5.2283	0.8643	1.8119	43.0391	13.0113	1.79746
13100	5.2348	0.8579	1.8249	43.2350	13.1069	1.81085
13200	5.2410	0.8517	1.8373	43.4247	13.1966	1.82372
13300	5.2471	0.8456	1.8492	43.6085	13.2805	1.83611
13400	5.2529	0.8396	1.8607	43.7882	13.3604	1.84816
13500	5.2585	0.8338	1.8717	43.9608	13.4335	1.85961
13600	5.2640	0.8282	1.8823	44.1299	13.5031	1.87076
13700	5.2692	0.8227	1.8924	44.2940	13.5679	1.88147
13800	5.2743	0.8173	1.9022	44.4533	13.6284	1.89179
13900	5.2793	0.8120	1.9116	44.6095	13.6859	1.90182
14000	5.2841	0.8068	1.9205	44.7607	13.7389	1.91139
14100	5.2887	0.8018	1.9292	44.9083	13.7886	1.92072
14200	5.2933	0.7969	1.9375	45.0527	13.8353	1.92975
14300	5.2977	0.7920	1.9456	45.1938	13.8791	1.93846
14400	5.3020	0.7873	1.9533	45.3318	13.9201	1.94690
14500	5.3062	0.7826	1.9607	45.4668	13.9588	1.95509
14600	5.3103	0.7781	1.9678	45.5992	13.9953	1.96305
14700	5.3144	0.7735	1.9749	45.7300	14.0304	1.97088
14800	5.3183	0.7691	1.9816	45.8579	14.0630	1.97844
14900	5.3222	0.7648	1.9881	45.9844	14.0948	1.98590
15000	5.3261	0.7605	1.9945	46.1092	14.1251	1.99320

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.6589	2.7244	2.0835	13.6391	2.2796	1.00000
300	3.0065	2.6209	1.7213	15.7885	3.3835	1.00000
400	3.1462	2.5317	1.5885	16.8756	3.5008	1.00000
500	3.2649	2.4603	1.4997	17.8517	3.6810	1.00000
600	3.3493	2.4007	1.4372	18.5630	3.7250	1.00000
700	3.4203	2.3488	1.3871	19.1696	3.7599	1.00000
800	3.4830	2.3033	1.3475	19.7836	3.8010	1.00000
900	3.5374	2.2628	1.3153	20.2617	3.8298	1.00000
1000	3.5858	2.2262	1.2884	20.6924	3.8534	1.00000
1100	3.6299	2.1927	1.2655	21.0839	3.8767	1.00000
1200	3.6700	2.1619	1.2453	21.4438	3.8982	1.00000
1300	3.7071	2.1332	1.2278	21.7771	3.9186	1.00000
1400	3.7414	2.1065	1.2125	22.0881	3.9383	1.00000
1500	3.7735	2.0814	1.1990	22.3792	3.9571	1.00000
1600	3.8034	2.0577	1.1870	22.6525	3.9745	1.00000
1700	3.8316	2.0354	1.1763	22.9106	3.9912	1.00000
1800	3.8582	2.0141	1.1668	23.1556	4.0077	1.00000
1900	3.8834	1.9939	1.1581	23.3884	4.0234	1.00000
2000	3.9084	1.9746	1.1501	23.6224	4.0489	1.00000
2100	3.9310	1.9562	1.1429	23.8347	4.0628	1.00000
2200	3.9528	1.9385	1.1363	24.0377	4.0773	1.00000
2300	3.9735	1.9215	1.1302	24.2326	4.0901	1.00000
2400	3.9933	1.9051	1.1247	24.4197	4.1026	1.00000
2500	4.0123	1.8894	1.1196	24.5996	4.1153	1.00000

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2600	4.0306	1.8742	1.1149	24.7725	4.1266	1.00000
2700	4.0481	1.8595	1.1105	24.9395	4.1372	1.00000
2800	4.0650	1.8453	1.1064	25.1008	4.1484	1.00000
2900	4.0813	1.8315	1.1027	25.2566	4.1584	1.00000
3000	4.0970	1.8182	1.0992	25.4075	4.1678	1.00000
3100	4.1123	1.8053	1.0959	25.5537	4.1776	1.00000
3200	4.1270	1.7927	1.0928	25.6955	4.1863	1.00000
3300	4.1413	1.7805	1.0899	25.8332	4.1951	1.00000
3400	4.1552	1.7686	1.0871	25.9670	4.2042	1.00000
3500	4.1685	1.7571	1.0845	26.0973	4.2118	1.00000
3600	4.1816	1.7458	1.0821	26.2241	4.2201	1.00001
3700	4.1943	1.7348	1.0798	26.3478	4.2274	1.00001
3800	4.2067	1.7241	1.0776	26.4683	4.2357	1.00001
3900	4.2188	1.7137	1.0756	26.5859	4.2431	1.00002
4000	4.2305	1.7035	1.0736	26.7008	4.2500	1.00003
4100	4.2419	1.6935	1.0718	26.8133	4.2576	1.00004
4200	4.2532	1.6838	1.0700	26.9234	4.2648	1.00006
4300	4.2642	1.6742	1.0684	27.0315	4.2731	1.00008
4400	4.2750	1.6649	1.0668	27.1378	4.2806	1.00012
4500	4.2856	1.6557	1.0653	27.2426	4.2896	1.00016
4600	4.2961	1.6468	1.0638	27.3463	4.2986	1.00021
4700	4.3065	1.6380	1.0624	27.4497	4.3092	1.00027
4800	4.3169	1.6294	1.0611	27.5530	4.3217	1.00035
4900	4.3273	1.6210	1.0599	27.6567	4.3364	1.00046
5000	4.3377	1.6127	1.0587	27.7611	4.3528	1.00058
5100	4.3437	1.6044	1.0578	27.8159	4.3261	1.00073
5200	4.3529	1.5964	1.0569	27.9088	4.3343	1.00091
5300	4.3621	1.5885	1.0560	28.0013	4.3435	1.00113
5400	4.3712	1.5807	1.0552	28.0933	4.3536	1.00139
5500	4.3803	1.5730	1.0544	28.1847	4.3645	1.00169
5600	4.3893	1.5655	1.0538	28.2759	4.3763	1.00205
5700	4.3982	1.5580	1.0532	28.3667	4.3890	1.00248
5800	4.4071	1.5506	1.0528	28.4574	4.4026	1.00296
5900	4.4160	1.5433	1.0524	28.5481	4.4174	1.00352
6000	4.4249	1.5361	1.0522	28.6390	4.4334	1.00417
6100	4.4338	1.5290	1.0521	28.7302	4.4507	1.00490
6200	4.4426	1.5219	1.0521	28.8221	4.4695	1.00575
6300	4.4516	1.5149	1.0523	28.9147	4.4899	1.00669
6400	4.4606	1.5079	1.0526	29.0084	4.5122	1.00776
6500	4.4696	1.5010	1.0531	29.1033	4.5365	1.00896
6600	4.4788	1.4941	1.0537	29.2000	4.5632	1.01030
6700	4.4881	1.4873	1.0545	29.2981	4.5921	1.01180
6800	4.4975	1.4804	1.0555	29.3980	4.6233	1.01346
6900	4.5070	1.4736	1.0567	29.4999	4.6570	1.01530
7000	4.5166	1.4668	1.0581	29.6036	4.6931	1.01733
7100	4.5263	1.4600	1.0597	29.7095	4.7318	1.01956
7200	4.5361	1.4531	1.0615	29.8177	4.7730	1.02202
7300	4.5461	1.4463	1.0636	29.9285	4.8172	1.02471
7400	4.5563	1.4394	1.0660	30.0420	4.8643	1.02763
7500	4.5666	1.4325	1.0687	30.1584	4.9146	1.03082
7600	4.5770	1.4256	1.0716	30.2779	4.9680	1.03429
7700	4.5876	1.4186	1.0748	30.4008	5.0251	1.03805
7800	4.5984	1.4115	1.0784	30.5273	5.0857	1.04211
7900	4.6095	1.4044	1.0823	30.6577	5.1503	1.04649
8000	4.6207	1.3973	1.0865	30.7923	5.2190	1.05121

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8100	4.6321	1.3900	1.0911	30.9312	5.2921	1.05627
8200	4.6438	1.3827	1.0961	31.0748	5.3695	1.06171
8300	4.6556	1.3753	1.1015	31.2229	5.4516	1.06752
8400	4.6677	1.3679	1.1073	31.3759	5.5382	1.07374
8500	4.6799	1.3603	1.1135	31.5338	5.6296	1.08036
8600	4.6923	1.3526	1.1201	31.6966	5.7257	1.08742
8700	4.7049	1.3449	1.1273	31.8646	5.8266	1.09492
8800	4.7177	1.3370	1.1348	32.0379	5.9324	1.10287
8900	4.7306	1.3290	1.1429	32.2164	6.0431	1.11130
9000	4.7437	1.3209	1.1514	32.4004	6.1587	1.12021
9100	4.7570	1.3127	1.1605	32.5898	6.2793	1.12961
9200	4.7703	1.3044	1.1700	32.7848	6.4048	1.13952
9300	4.7837	1.2960	1.1801	32.9851	6.5351	1.14993
9400	4.7973	1.2874	1.1907	33.1911	6.6704	1.16088
9500	4.8109	1.2788	1.2019	33.4023	6.8104	1.17235
9600	4.8246	1.2700	1.2136	33.6189	6.9550	1.18435
9700	4.8383	1.2612	1.2258	33.8409	7.1043	1.19690
9800	4.8521	1.2522	1.2386	34.0684	7.2583	1.20997
9900	4.8659	1.2432	1.2519	34.3013	7.4169	1.22357
10000	4.8797	1.2340	1.2657	34.5395	7.5798	1.23767
10100	4.8935	1.2248	1.2801	34.7830	7.7469	1.25227
10200	4.9083	1.2153	1.2957	35.0457	7.9376	1.26819
10300	4.9220	1.2059	1.3111	35.2989	8.1124	1.28384
10400	4.9356	1.1965	1.3269	35.5560	8.2903	1.29991
10500	4.9491	1.1871	1.3431	35.8156	8.4702	1.31636
10600	4.9625	1.1776	1.3598	36.0807	8.6539	1.33333
10700	4.9758	1.1681	1.3769	36.3477	8.8390	1.35063
10800	4.9889	1.1587	1.3942	36.6175	9.0251	1.36821
10900	5.0019	1.1491	1.4120	36.8902	9.2137	1.38623
11000	5.0146	1.1397	1.4299	37.1640	9.4025	1.40446
11100	5.0272	1.1303	1.4481	37.4385	9.5909	1.42289
11200	5.0396	1.1209	1.4666	37.7144	9.7803	1.44160
11300	5.0516	1.1116	1.4849	37.9883	9.9663	1.46024
11400	5.0635	1.1024	1.5035	38.2627	10.1524	1.47908
11500	5.0751	1.0932	1.5223	38.5384	10.3382	1.49812
11600	5.0864	1.0842	1.5408	38.8091	10.5189	1.51690
11700	5.0975	1.0753	1.5594	39.0799	10.6981	1.53577
11800	5.1083	1.0665	1.5778	39.3470	10.8736	1.55449
11900	5.1188	1.0578	1.5963	39.6127	11.0470	1.57320
12000	5.1289	1.0493	1.6142	39.8722	11.2134	1.59149
12100	5.1388	1.0409	1.6321	40.1295	11.3769	1.60969
12200	5.1484	1.0326	1.6497	40.3819	11.5351	1.62757
12300	5.1577	1.0245	1.6671	40.6313	11.6897	1.64531
12400	5.1666	1.0167	1.6839	40.8732	11.8364	1.66245
12500	5.1753	1.0089	1.7005	41.1115	11.9790	1.67938
12600	5.1837	1.0014	1.7166	41.3441	12.1156	1.69588
12700	5.1918	0.9940	1.7323	41.5703	12.2457	1.71194
12800	5.1996	0.9868	1.7474	41.7910	12.3698	1.72752
12900	5.2071	0.9797	1.7623	42.0074	12.4895	1.74280
13000	5.2144	0.9728	1.7767	42.2175	12.6029	1.75760
13100	5.2214	0.9661	1.7905	42.4218	12.7101	1.77191
13200	5.2282	0.9596	1.8039	42.6201	12.8114	1.78575
13300	5.2347	0.9533	1.8167	42.8126	12.9068	1.79909
13400	5.2410	0.9470	1.8292	43.0012	12.9983	1.81213
13500	5.2470	0.9410	1.8411	43.1825	13.0827	1.82456

LOG P= 2.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13600	5.2529	0.9351	1.8527	43.3602	13.1634	1.83668
13700	5.2586	0.9293	1.8638	43.5326	13.2392	1.84836
13800	5.2641	0.9236	1.8744	43.7001	13.3102	1.85962
13900	5.2694	0.9181	1.8848	43.8643	13.3780	1.87060
14000	5.2746	0.9128	1.8946	44.0230	13.4407	1.88106
14100	5.2795	0.9075	1.9041	44.1780	13.4997	1.89127
14200	5.2844	0.9023	1.9133	44.3293	13.5555	1.90114
14300	5.2891	0.8973	1.9221	44.4771	13.6078	1.91067
14400	5.2937	0.8923	1.9306	44.6211	13.6569	1.91989
14500	5.2982	0.8875	1.9387	44.7618	13.7030	1.92882
14600	5.3025	0.8828	1.9465	44.8994	13.7462	1.93746
14700	5.3068	0.8781	1.9542	45.0351	13.7880	1.94596
14800	5.3110	0.8735	1.9615	45.1674	13.8266	1.95413
14900	5.3151	0.8690	1.9686	45.2979	13.8639	1.96217
15000	5.3191	0.8646	1.9755	45.4262	13.8993	1.97000

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7047	2.7494	2.4704	13.3986	2.5335	1.00000
300	3.0299	2.6632	1.9478	15.5378	3.5706	1.00000
400	3.1600	2.5840	1.7772	16.6022	3.6138	1.00000
500	3.2773	2.5192	1.6471	17.5956	3.7877	1.00000
600	3.3599	2.4645	1.5581	18.3101	3.8175	1.00000
700	3.4298	2.4171	1.4923	18.9211	3.8433	1.00000
800	3.4916	2.3748	1.4398	19.5385	3.8768	1.00000
900	3.5453	2.3366	1.3969	20.0198	3.9000	1.00000
1000	3.5931	2.3019	1.3616	20.4530	3.9187	1.00000
1100	3.6367	2.2702	1.3320	20.8466	3.9380	1.00000
1200	3.6765	2.2408	1.3068	21.2084	3.9563	1.00000
1300	3.7131	2.2135	1.2850	21.5430	3.9737	1.00000
1400	3.7472	2.1879	1.2658	21.8550	3.9907	1.00000
1500	3.7789	2.1638	1.2487	22.1470	4.0066	1.00000
1600	3.8085	2.1411	1.2335	22.4209	4.0215	1.00000
1700	3.8364	2.1195	1.2200	22.6796	4.0358	1.00000
1800	3.8628	2.0990	1.2079	22.9250	4.0502	1.00000
1900	3.8877	2.0795	1.1970	23.1581	4.0640	1.00000
2000	3.9125	2.0608	1.1871	23.3924	4.0877	1.00000
2100	3.9350	2.0429	1.1782	23.6048	4.1000	1.00000
2200	3.9566	2.0258	1.1700	23.8080	4.1130	1.00000
2300	3.9771	2.0093	1.1626	24.0030	4.1245	1.00000
2400	3.9967	1.9934	1.1556	24.1902	4.1356	1.00000
2500	4.0157	1.9780	1.1492	24.3701	4.1470	1.00000
2600	4.0338	1.9632	1.1433	24.5431	4.1571	1.00000
2700	4.0511	1.9489	1.1378	24.7102	4.1666	1.00000
2800	4.0680	1.9351	1.1327	24.8715	4.1767	1.00000
2900	4.0842	1.9217	1.1280	25.0273	4.1857	1.00000
3000	4.0998	1.9086	1.1236	25.1782	4.1941	1.00000
3100	4.1149	1.8960	1.1195	25.3244	4.2031	1.00000
3200	4.1295	1.8837	1.1156	25.4660	4.2110	1.00000
3300	4.1437	1.8718	1.1120	25.6038	4.2190	1.00000
3400	4.1575	1.8601	1.1086	25.7375	4.2273	1.00000
3500	4.1709	1.8488	1.1054	25.8678	4.2344	1.00000
3600	4.1839	1.8378	1.1024	25.9946	4.2420	1.00001
3700	4.1965	1.8270	1.0995	26.1181	4.2486	1.00001

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3800	4.2088	1.8165	1.0969	26.2386	4.2564	1.00001
3900	4.2208	1.8062	1.0943	26.3562	4.2633	1.00002
4000	4.2325	1.7962	1.0919	26.4711	4.2697	1.00003
4100	4.2439	1.7864	1.0896	26.5836	4.2767	1.00004
4200	4.2550	1.7768	1.0874	26.6937	4.2834	1.00005
4300	4.2661	1.7674	1.0853	26.8017	4.2912	1.00007
4400	4.2767	1.7582	1.0833	26.9080	4.2983	1.00010
4500	4.2874	1.7492	1.0814	27.0128	4.3069	1.00014
4600	4.2978	1.7404	1.0796	27.1164	4.3154	1.00018
4700	4.3082	1.7318	1.0778	27.2198	4.3257	1.00024
4800	4.3185	1.7233	1.0762	27.3231	4.3377	1.00032
4900	4.3289	1.7150	1.0746	27.4267	4.3521	1.00041
5000	4.3393	1.7068	1.0731	27.5311	4.3681	1.00051
5100	4.3450	1.6988	1.0716	27.5843	4.3396	1.00066
5200	4.3542	1.6909	1.0703	27.6768	4.3471	1.00081
5300	4.3633	1.6831	1.0692	27.7687	4.3556	1.00101
5400	4.3724	1.6754	1.0681	27.8601	4.3648	1.00124
5500	4.3813	1.6678	1.0671	27.9509	4.3748	1.00151
5600	4.3902	1.6604	1.0662	28.0412	4.3856	1.00183
5700	4.3991	1.6530	1.0654	28.1311	4.3972	1.00221
5800	4.4078	1.6458	1.0646	28.2206	4.4097	1.00264
5900	4.4166	1.6386	1.0640	28.3101	4.4231	1.00314
6000	4.4253	1.6315	1.0635	28.3996	4.4375	1.00371
6100	4.4340	1.6245	1.0632	28.4892	4.4532	1.00437
6200	4.4427	1.6175	1.0629	28.5793	4.4702	1.00512
6300	4.4515	1.6106	1.0628	28.6700	4.4887	1.00596
6400	4.4602	1.6038	1.0628	28.7615	4.5088	1.00691
6500	4.4691	1.5970	1.0630	28.8540	4.5307	1.00798
6600	4.4780	1.5902	1.0633	28.9479	4.5548	1.00918
6700	4.4870	1.5835	1.0637	29.0430	4.5809	1.01051
6800	4.4961	1.5768	1.0644	29.1397	4.6090	1.01199
6900	4.5053	1.5701	1.0652	29.2380	4.6393	1.01362
7000	4.5146	1.5634	1.0662	29.3378	4.6718	1.01543
7100	4.5240	1.5568	1.0674	29.4395	4.7066	1.01742
7200	4.5334	1.5501	1.0689	29.5432	4.7437	1.01961
7300	4.5431	1.5435	1.0706	29.6490	4.7833	1.02201
7400	4.5528	1.5368	1.0725	29.7570	4.8256	1.02462
7500	4.5626	1.5301	1.0746	29.8677	4.8706	1.02745
7600	4.5726	1.5233	1.0771	29.9810	4.9185	1.03054
7700	4.5828	1.5166	1.0798	30.0973	4.9695	1.03389
7800	4.5931	1.5098	1.0828	30.2166	5.0238	1.03751
7900	4.6036	1.5029	1.0861	30.3395	5.0817	1.04142
8000	4.6143	1.4960	1.0897	30.4659	5.1432	1.04562
8100	4.6252	1.4890	1.0936	30.5965	5.2087	1.05014
8200	4.6363	1.4820	1.0979	30.7309	5.2782	1.05499
8300	4.6476	1.4749	1.1026	30.8694	5.3519	1.06017
8400	4.6590	1.4677	1.1076	31.0123	5.4296	1.06571
8500	4.6707	1.4605	1.1130	31.1595	5.5116	1.07163
8600	4.6825	1.4532	1.1188	31.3111	5.5979	1.07793
8700	4.6945	1.4457	1.1250	31.4673	5.6885	1.08463
8800	4.7067	1.4382	1.1316	31.6283	5.7836	1.09173
8900	4.7190	1.4306	1.1387	31.7939	5.8832	1.09927
9000	4.7315	1.4229	1.1462	31.9645	5.9872	1.10724
9100	4.7441	1.4151	1.1542	32.1399	6.0957	1.11565
9200	4.7568	1.4072	1.1626	32.3203	6.2087	1.12452

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9300	4.7696	1.3991	1.1716	32.5056	6.3262	1.13385
9400	4.7826	1.3910	1.1810	32.6960	6.4482	1.14367
9500	4.7956	1.3823	1.1909	32.8912	6.5746	1.15397
9600	4.8087	1.3745	1.2013	33.0913	6.7054	1.16477
9700	4.8219	1.3660	1.2122	33.2964	6.8405	1.17607
9800	4.8351	1.3575	1.2236	33.5067	6.9801	1.18786
9900	4.8484	1.3489	1.2355	33.7221	7.1240	1.20014
10000	4.8617	1.3402	1.2480	33.9426	7.2722	1.21291
10100	4.8750	1.3314	1.2608	34.1684	7.4247	1.22615
10200	4.8894	1.3223	1.2750	34.4124	7.6002	1.24063
10300	4.9027	1.3133	1.2889	34.6477	7.7606	1.25489
10400	4.9160	1.3043	1.3033	34.8869	7.9240	1.26958
10500	4.9291	1.2953	1.3180	35.1290	8.0899	1.28465
10600	4.9423	1.2861	1.3333	35.3768	8.2599	1.30025
10700	4.9553	1.2770	1.3490	35.6268	8.4318	1.31621
10800	4.9682	1.2679	1.3649	35.8802	8.6054	1.33249
10900	4.9810	1.2587	1.3814	36.1370	8.7821	1.34923
11000	4.9937	1.2495	1.3981	36.3956	8.9598	1.36624
11100	5.0062	1.2403	1.4151	36.6559	9.1380	1.38351
11200	5.0185	1.2311	1.4324	36.9182	9.3180	1.40114
11300	5.0306	1.2220	1.4497	37.1798	9.4959	1.41877
11400	5.0426	1.2130	1.4673	37.4429	9.6749	1.43670
11500	5.0543	1.2039	1.4852	37.7083	9.8546	1.45490
11600	5.0658	1.1950	1.5030	37.9701	10.0307	1.47298
11700	5.0771	1.1861	1.5209	38.2333	10.2065	1.49124
11800	5.0881	1.1773	1.5388	38.4941	10.3798	1.50947
11900	5.0989	1.1686	1.5569	38.7548	10.5522	1.52781
12000	5.1093	1.1601	1.5745	39.0105	10.7189	1.54583
12100	5.1196	1.1516	1.5923	39.2654	10.8841	1.56389
12200	5.1295	1.1433	1.6097	39.5165	11.0449	1.58173
12300	5.1393	1.1351	1.6272	39.7659	11.2034	1.59954
12400	5.1486	1.1270	1.6441	40.0088	11.3550	1.61687
12500	5.1577	1.1191	1.6610	40.2494	11.5037	1.63409
12600	5.1666	1.1114	1.6774	40.4851	11.6470	1.65097
12700	5.1751	1.1038	1.6935	40.7154	11.7850	1.66750
12800	5.1834	1.0964	1.7093	40.9410	11.9176	1.68365
12900	5.1914	1.0891	1.7247	41.1632	12.0464	1.69957
13000	5.1992	1.0820	1.7398	41.3796	12.1696	1.71508
13100	5.2067	1.0750	1.7544	41.5909	12.2870	1.73016
13200	5.2140	1.0682	1.7685	41.7965	12.3988	1.74480
13300	5.2209	1.0616	1.7822	41.9966	12.5050	1.75900
13400	5.2277	1.0551	1.7956	42.1932	12.6075	1.77293
13500	5.2342	1.0488	1.8084	42.3826	12.7028	1.78626
13600	5.2406	1.0426	1.8208	42.5685	12.7946	1.79932
13700	5.2467	1.0365	1.8328	42.7491	12.8813	1.81194
13800	5.2526	1.0307	1.8444	42.9249	12.9631	1.82413
13900	5.2583	1.0249	1.8557	43.0972	13.0414	1.83606
14000	5.2639	1.0193	1.8664	43.2637	13.1143	1.84745
14100	5.2693	1.0138	1.8768	43.4265	13.1836	1.85858
14200	5.2745	1.0084	1.8869	43.5854	13.2489	1.86934
14300	5.2795	1.0031	1.8965	43.7403	13.3105	1.87975
14400	5.2844	0.9980	1.9058	43.8911	13.3684	1.88981
14500	5.2892	0.9929	1.9147	44.0382	13.4229	1.89954
14600	5.2939	0.9880	1.9233	44.1819	13.4741	1.90896
14700	5.2984	0.9832	1.9316	44.3234	13.5236	1.91820

LOG P= 3.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14800	5.3028	0.9784	1.9396	44.4610	13.5693	1.92708
14900	5.3072	0.9738	1.9474	44.5964	13.6133	1.93579
15000	5.3114	0.9692	1.9549	44.7294	13.6550	1.94427

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.7679	2.7738	2.9259	13.1690	2.9300	1.00000
300	3.0590	2.7008	2.2407	15.2859	3.8180	1.00000
400	3.1801	2.6313	1.9960	16.3312	3.7851	1.00000
500	3.2935	2.5732	1.8344	17.3389	3.9313	1.00000
600	3.3738	2.5234	1.7121	18.0569	3.9412	1.00000
700	3.4423	2.4799	1.6228	18.6741	3.9554	1.00000
800	3.5027	2.4411	1.5543	19.2943	3.9776	1.00000
900	3.5554	2.4061	1.4997	19.7781	3.9918	1.00000
1000	3.6024	2.3737	1.4538	20.2136	4.0034	1.00000
1100	3.6453	2.3438	1.4155	20.6092	4.0167	1.00000
1200	3.6845	2.3160	1.3830	20.9726	4.0300	1.00000
1300	3.7206	2.2901	1.3551	21.3086	4.0428	1.00000
1400	3.7542	2.2658	1.3309	21.6217	4.0559	1.00000
1500	3.7855	2.2429	1.3097	21.9146	4.0685	1.00000
1600	3.8148	2.2213	1.2910	22.1893	4.0805	1.00000
1700	3.8424	2.2007	1.2744	22.4486	4.0921	1.00000
1800	3.8684	2.1810	1.2591	22.6945	4.1037	1.00000
1900	3.8931	2.1623	1.2454	22.9280	4.1149	1.00000
2000	3.9176	2.1443	1.2330	23.1625	4.1363	1.00000
2100	3.9399	2.1271	1.2218	23.3751	4.1464	1.00000
2200	3.9612	2.1105	1.2115	23.5785	4.1574	1.00000
2300	3.9816	2.0946	1.2022	23.7737	4.1670	1.00000
2400	4.0010	2.0793	1.1936	23.9609	4.1764	1.00000
2500	4.0198	2.0644	1.1857	24.1409	4.1863	1.00000
2600	4.0377	2.0501	1.1784	24.3139	4.1950	1.00000
2700	4.0549	2.0362	1.1716	24.4810	4.2031	1.00000
2800	4.0716	2.0228	1.1653	24.6423	4.2120	1.00000
2900	4.0877	2.0097	1.1595	24.7981	4.2198	1.00000
3000	4.1032	1.9971	1.1541	24.9489	4.2271	1.00000
3100	4.1182	1.9848	1.1489	25.0951	4.2350	1.00000
3200	4.1327	1.9728	1.1441	25.2368	4.2418	1.00000
3300	4.1468	1.9611	1.1395	25.3745	4.2488	1.00000
3400	4.1605	1.9498	1.1353	25.5082	4.2562	1.00000
3500	4.1737	1.9387	1.1313	25.6385	4.2624	1.00000
3600	4.1867	1.9280	1.1275	25.7652	4.2692	1.00000
3700	4.1991	1.9174	1.1239	25.8887	4.2751	1.00001
3800	4.2114	1.9071	1.1206	26.0092	4.2821	1.00001
3900	4.2233	1.8971	1.1174	26.1267	4.2882	1.00001
4000	4.2349	1.8873	1.1144	26.2415	4.2939	1.00002
4100	4.2463	1.8777	1.1115	26.3540	4.3003	1.00003
4200	4.2574	1.8683	1.1088	26.4641	4.3065	1.00004
4300	4.2683	1.8591	1.1062	26.5721	4.3138	1.00007
4400	4.2790	1.8501	1.1037	26.6783	4.3203	1.00009
4500	4.2895	1.8412	1.1014	26.7830	4.3284	1.00012
4600	4.2999	1.8326	1.0991	26.8867	4.3364	1.00016
4700	4.3102	1.8241	1.0970	26.9900	4.3462	1.00021
4800	4.3205	1.8158	1.0949	27.0932	4.3578	1.00028
4900	4.3309	1.8076	1.0930	27.1968	4.3718	1.00036

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5000	4.3412	1.7996	1.0911	27.3012	4.3873	1.00046
5100	4.3467	1.7920	1.0885	27.3528	4.3567	1.00058
5200	4.3558	1.7842	1.0869	27.4450	4.3636	1.00072
5300	4.3649	1.7765	1.0854	27.5364	4.3713	1.00090
5400	4.3738	1.7690	1.0840	27.6272	4.3797	1.00110
5500	4.3827	1.7615	1.0827	27.7175	4.3889	1.00134
5600	4.3915	1.7542	1.0815	27.8071	4.3987	1.00163
5700	4.4002	1.7469	1.0803	27.8961	4.4092	1.00197
5800	4.4089	1.7398	1.0793	27.9847	4.4205	1.00235
5900	4.4175	1.7327	1.0784	28.0731	4.4326	1.00279
6000	4.4261	1.7258	1.0776	28.1613	4.4457	1.00330
6100	4.4347	1.7189	1.0769	28.2496	4.4598	1.00389
6200	4.4432	1.7120	1.0763	28.3381	4.4752	1.00455
6300	4.4518	1.7053	1.0759	28.4270	4.4918	1.00530
6400	4.4604	1.6986	1.0756	28.5165	4.5099	1.00615
6500	4.4690	1.6919	1.0754	28.6068	4.5297	1.00710
6600	4.4777	1.6853	1.0754	28.6983	4.5514	1.00817
6700	4.4865	1.6787	1.0755	28.7908	4.5749	1.00936
6800	4.4953	1.6721	1.0758	28.8846	4.6002	1.01068
6900	4.5042	1.6656	1.0763	28.9796	4.6275	1.01213
7000	4.5132	1.6591	1.0769	29.0760	4.6568	1.01374
7100	4.5222	1.6526	1.0778	29.1740	4.6880	1.01552
7200	4.5314	1.6461	1.0788	29.2735	4.7212	1.01746
7300	4.5406	1.6396	1.0800	29.3749	4.7568	1.01960
7400	4.5500	1.6331	1.0815	29.4782	4.7947	1.02192
7500	4.5595	1.6266	1.0832	29.5837	4.8350	1.02445
7600	4.5690	1.6201	1.0851	29.6915	4.8779	1.02720
7700	4.5788	1.6135	1.0873	29.8019	4.9236	1.03018
7800	4.5886	1.6070	1.0898	29.9149	4.9722	1.03341
7900	4.5987	1.6003	1.0925	30.0310	5.0240	1.03689
8000	4.6089	1.5937	1.0955	30.1503	5.0790	1.04063
8100	4.6193	1.5870	1.0989	30.2732	5.1378	1.04466
8200	4.6298	1.5802	1.1025	30.3994	5.2001	1.04899
8300	4.6406	1.5734	1.1064	30.5295	5.2661	1.05361
8400	4.6515	1.5665	1.1107	30.6632	5.3359	1.05855
8500	4.6626	1.5596	1.1154	30.8009	5.4095	1.06382
8600	4.6738	1.5525	1.1203	30.9424	5.4869	1.06944
8700	4.6853	1.5454	1.1257	31.0881	5.5684	1.07542
8800	4.6968	1.5383	1.1315	31.2379	5.6538	1.08177
8900	4.7085	1.5310	1.1376	31.3920	5.7432	1.08849
9000	4.7204	1.5236	1.1442	31.5503	5.8368	1.09562
9100	4.7324	1.5162	1.1512	31.7131	5.9343	1.10314
9200	4.7445	1.5087	1.1586	31.8804	6.0361	1.11107
9300	4.7568	1.5011	1.1664	32.0521	6.1419	1.11943
9400	4.7691	1.4933	1.1747	32.2283	6.2518	1.12823
9500	4.7816	1.4855	1.1834	32.4090	6.3657	1.13746
9600	4.7941	1.4776	1.1927	32.5939	6.4836	1.14715
9700	4.8067	1.4696	1.2023	32.7836	6.6056	1.15730
9800	4.8194	1.4615	1.2125	32.9780	6.7318	1.16791
9900	4.8321	1.4533	1.2231	33.1772	6.8621	1.17897
10000	4.8449	1.4450	1.2342	33.3812	6.9965	1.19048
10100	4.8577	1.4367	1.2457	33.5902	7.1351	1.20245
10200	4.8717	1.4280	1.2584	33.8166	7.2960	1.21555
10300	4.8845	1.4194	1.2709	34.0348	7.4423	1.22849
10400	4.8974	1.4108	1.2839	34.2569	7.5917	1.24184

LOG P= 3.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10500	4.9102	1.4022	1.2972	34.4819	7.7440	1.25558
10600	4.9229	1.3934	1.3111	34.7127	7.9002	1.26983
10700	4.9357	1.3847	1.3253	34.9461	8.0589	1.28445
10800	4.9483	1.3759	1.3399	35.1830	8.2197	1.29942
10900	4.9609	1.3670	1.3550	35.4237	8.3838	1.31486
11000	4.9733	1.3582	1.3704	35.6667	8.5495	1.33061
11100	4.9857	1.3493	1.3860	35.9118	8.7163	1.34665
11200	4.9979	1.3404	1.4021	36.1598	8.8857	1.36310
11300	5.0099	1.3316	1.4183	36.4078	9.0539	1.37962
11400	5.0218	1.3227	1.4348	36.6580	9.2238	1.39649
11500	5.0336	1.3138	1.4516	36.9113	9.3954	1.41370
11600	5.0451	1.3051	1.4684	37.1622	9.5644	1.43037
11700	5.0565	1.2963	1.4855	37.4153	9.7343	1.44830
11800	5.0676	1.2877	1.5026	37.6671	9.9026	1.46580
11900	5.0786	1.2790	1.5199	37.9198	10.0711	1.48349
12000	5.0893	1.2705	1.5370	38.1689	10.2353	1.50097
12100	5.0998	1.2621	1.5543	38.4182	10.3989	1.51859
12200	5.1100	1.2538	1.5714	38.6649	10.5596	1.53611
12300	5.1201	1.2455	1.5886	38.9111	10.7188	1.55370
12400	5.1298	1.2374	1.6054	39.1521	10.8724	1.57092
12500	5.1393	1.2294	1.6222	39.3918	11.0242	1.58813
12600	5.1485	1.2215	1.6387	39.6278	11.1717	1.60512
12700	5.1574	1.2138	1.6550	39.8593	11.3147	1.62184
12800	5.1661	1.2062	1.6709	40.0871	11.4531	1.63828
12900	5.1746	1.1987	1.6868	40.3125	11.5887	1.65459
13000	5.1828	1.1914	1.7023	40.5329	11.7193	1.67057
13100	5.1908	1.1843	1.7174	40.7488	11.8448	1.68619
13200	5.1985	1.1773	1.7321	40.9598	11.9651	1.70144
13300	5.2059	1.1704	1.7464	41.1656	12.0805	1.71630
13400	5.2132	1.1637	1.7604	41.3686	12.1923	1.73096
13500	5.2201	1.1571	1.7739	41.5645	12.2973	1.74503
13600	5.2269	1.1507	1.7872	41.7576	12.3991	1.75889
13700	5.2335	1.1444	1.8000	41.9454	12.4958	1.77234
13800	5.2398	1.1383	1.8124	42.1284	12.5877	1.78538
13900	5.2460	1.1322	1.8245	42.3084	12.6764	1.79819
14000	5.2520	1.1264	1.8360	42.4824	12.7593	1.81045
14100	5.2577	1.1206	1.8473	42.6526	12.8385	1.82247
14200	5.2633	1.1150	1.8582	42.8190	12.9138	1.83411
14300	5.2688	1.1095	1.8686	42.9811	12.9850	1.84539
14400	5.2740	1.1042	1.8788	43.1391	13.0523	1.85632
14500	5.2792	1.0989	1.8885	43.2932	13.1158	1.86690
14600	5.2841	1.0938	1.8979	43.4436	13.1759	1.87715
14700	5.2890	1.0887	1.9070	43.5916	13.2338	1.88722
14800	5.2937	1.0838	1.9157	43.7353	13.2875	1.89687
14900	5.2983	1.0790	1.9242	43.8766	13.3392	1.90635
15000	5.3028	1.0742	1.9324	44.0151	13.3884	1.91557

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
200	2.8501	2.7990	3.4548	12.9499	3.5407	1.00000
300	3.0936	2.7345	2.6160	15.0296	4.1347	1.00000
400	3.2063	2.6739	2.2631	16.0604	4.0199	1.00000
500	3.3145	2.6224	2.0575	17.0820	4.1263	1.00000
600	3.3912	2.5776	1.9058	17.8028	4.1029	1.00000

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.4580	2.5380	1.7873	18.4267	4.1008	1.00000
800	3.5168	2.5025	1.6970	19.0508	4.1089	1.00000
900	3.5683	2.4703	1.6256	19.5377	4.1116	1.00000
1000	3.6142	2.4406	1.5676	19.9751	4.1130	1.00000
1100	3.6561	2.4131	1.5195	20.3723	4.1177	1.00000
1200	3.6945	2.3873	1.4784	20.7371	4.1238	1.00000
1300	3.7300	2.3630	1.4428	21.0743	4.1305	1.00000
1400	3.7629	2.3402	1.4120	21.3885	4.1383	1.00000
1500	3.7937	2.3185	1.3851	21.6823	4.1462	1.00000
1600	3.8226	2.2980	1.3614	21.9577	4.1539	1.00000
1700	3.8497	2.2784	1.3404	22.2176	4.1616	1.00000
1800	3.8754	2.2598	1.3217	22.4640	4.1699	1.00000
1900	3.8997	2.2419	1.3048	22.6979	4.1782	1.00000
2000	3.9240	2.2248	1.2896	22.9327	4.1969	1.00000
2100	3.9459	2.2084	1.2758	23.1456	4.2044	1.00000
2200	3.9670	2.1925	1.2631	23.3491	4.2130	1.00000
2300	3.9871	2.1772	1.2514	23.5444	4.2203	1.00000
2400	4.0063	2.1625	1.2407	23.7318	4.2275	1.00000
2500	4.0248	2.1482	1.2308	23.9118	4.2354	1.00000
2600	4.0426	2.1344	1.2216	24.0849	4.2422	1.00000
2700	4.0596	2.1210	1.2132	24.2520	4.2485	1.00000
2800	4.0761	2.1080	1.2054	24.4133	4.2557	1.00000
2900	4.0920	2.0954	1.1981	24.5691	4.2620	1.00000
3000	4.1073	2.0832	1.1913	24.7199	4.2678	1.00000
3100	4.1222	2.0713	1.1849	24.8661	4.2744	1.00000
3200	4.1366	2.0597	1.1790	25.0077	4.2800	1.00000
3300	4.1506	2.0484	1.1734	25.1454	4.2858	1.00000
3400	4.1642	2.0374	1.1682	25.2791	4.2922	1.00000
3500	4.1773	2.0266	1.1633	25.4093	4.2973	1.00000
3600	4.1901	2.0161	1.1587	25.5359	4.3031	1.00000
3700	4.2025	2.0059	1.1543	25.6594	4.3080	1.00001
3800	4.2147	1.9959	1.1501	25.7798	4.3141	1.00001
3900	4.2265	1.9861	1.1461	25.8974	4.3194	1.00001
4000	4.2380	1.9765	1.1424	26.0121	4.3243	1.00002
4100	4.2493	1.9672	1.1388	26.1245	4.3298	1.00003
4200	4.2603	1.9580	1.1354	26.2345	4.3353	1.00004
4300	4.2711	1.9490	1.1321	26.3425	4.3419	1.00006
4400	4.2817	1.9402	1.1291	26.4487	4.3476	1.00008
4500	4.2922	1.9316	1.1261	26.5534	4.3551	1.00011
4600	4.3025	1.9231	1.1233	26.6570	4.3625	1.00014
4700	4.3127	1.9148	1.1206	26.7603	4.3716	1.00019
4800	4.3230	1.9067	1.1181	26.8634	4.3827	1.00025
4900	4.3333	1.8987	1.1156	26.9670	4.3961	1.00032
5000	4.3435	1.8908	1.1133	27.0714	4.4111	1.00041
5100	4.3489	1.8838	1.1091	27.1214	4.3782	1.00052
5200	4.3579	1.8762	1.1071	27.2132	4.3843	1.00064
5300	4.3669	1.8686	1.1053	27.3043	4.3913	1.00079
5400	4.3757	1.8612	1.1035	27.3947	4.3989	1.00098
5500	4.3845	1.8539	1.1018	27.4844	4.4072	1.00119
5600	4.3932	1.8467	1.1002	27.5733	4.4161	1.00145
5700	4.4018	1.8396	1.0988	27.6616	4.4256	1.00175
5800	4.4104	1.8326	1.0974	27.7494	4.4357	1.00209
5900	4.4189	1.8257	1.0961	27.8368	4.4467	1.00249
6000	4.4273	1.8188	1.0950	27.9239	4.4584	1.00294
6100	4.4357	1.8121	1.0939	28.0109	4.4711	1.00346

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
6200	4.4441	1.8054	1.0930	28.0980	4.4848	1.00405
6300	4.4525	1.7987	1.0922	28.1854	4.4998	1.00471
6400	4.4609	1.7922	1.0916	28.2731	4.5161	1.00547
6500	4.4694	1.7856	1.0910	28.3616	4.5338	1.00632
6600	4.4779	1.7792	1.0907	28.4509	4.5533	1.00727
6700	4.4864	1.7727	1.0904	28.5410	4.5744	1.00833
6800	4.4950	1.7663	1.0903	28.6322	4.5973	1.00950
6900	4.5037	1.7600	1.0904	28.7245	4.6218	1.01079
7000	4.5124	1.7536	1.0906	28.8179	4.6480	1.01224
7100	4.5211	1.7473	1.0911	28.9124	4.6760	1.01381
7200	4.5300	1.7410	1.0917	29.0083	4.7059	1.01555
7300	4.5389	1.7346	1.0925	29.1057	4.7377	1.01745
7400	4.5479	1.7283	1.0935	29.2048	4.7716	1.01952
7500	4.5570	1.7220	1.0947	29.3057	4.8077	1.02177
7600	4.5662	1.7157	1.0962	29.4085	4.8460	1.02422
7700	4.5755	1.7093	1.0979	29.5136	4.8869	1.02687
7800	4.5850	1.7030	1.0998	29.6211	4.9303	1.02974
7900	4.5946	1.6966	1.1020	29.7312	4.9767	1.03285
8000	4.6043	1.6902	1.1044	29.8440	5.0260	1.03618
8100	4.6142	1.6837	1.1071	29.9600	5.0786	1.03977
8200	4.6243	1.6772	1.1101	30.0791	5.1344	1.04362
8300	4.6346	1.6707	1.1134	30.2015	5.1936	1.04774
8400	4.6449	1.6641	1.1170	30.3271	5.2561	1.05215
8500	4.6555	1.6574	1.1209	30.4562	5.3222	1.05685
8600	4.6662	1.6507	1.1252	30.5888	5.3917	1.06186
8700	4.6771	1.6439	1.1298	30.7249	5.4648	1.06720
8800	4.6881	1.6370	1.1347	30.8649	5.5415	1.07286
8900	4.6993	1.6301	1.1400	31.0085	5.6219	1.07886
9000	4.7106	1.6231	1.1457	31.1559	5.7059	1.08522
9100	4.7220	1.6160	1.1517	31.3074	5.7936	1.09194
9200	4.7335	1.6088	1.1581	31.4628	5.8850	1.09903
9300	4.7452	1.6016	1.1650	31.6222	5.9802	1.10650
9400	4.7570	1.5943	1.1722	31.7856	6.0791	1.11438
9500	4.7688	1.5868	1.1799	31.9530	6.1817	1.12264
9600	4.7808	1.5793	1.1880	32.1243	6.2879	1.13133
9700	4.7928	1.5717	1.1965	32.2999	6.3978	1.14042
9800	4.8049	1.5640	1.2054	32.4796	6.5117	1.14994
9900	4.8171	1.5563	1.2148	32.6639	6.6294	1.15989
10000	4.8294	1.5484	1.2246	32.8527	6.7510	1.17025
10100	4.8417	1.5404	1.2349	33.0462	6.8767	1.18102
10200	4.8552	1.5322	1.2462	33.2562	7.0239	1.19285
10300	4.8676	1.5241	1.2574	33.4584	7.1569	1.20455
10400	4.8799	1.5159	1.2690	33.6643	7.2931	1.21663
10500	4.8923	1.5077	1.2809	33.8732	7.4320	1.22910
10600	4.9047	1.4993	1.2934	34.0876	7.5750	1.24206
10700	4.9170	1.4910	1.3063	34.3048	7.7206	1.25538
10800	4.9293	1.4826	1.3195	34.5256	7.8683	1.26905
10900	4.9416	1.4741	1.3332	34.7502	8.0197	1.28319
11000	4.9538	1.4656	1.3472	34.9774	8.1730	1.29766
11100	4.9659	1.4570	1.3615	35.2071	8.3279	1.31243
11200	4.9779	1.4485	1.3763	35.4400	8.4859	1.32764
11300	4.9897	1.4399	1.3912	35.6736	8.6431	1.34297
11400	5.0015	1.4314	1.4064	35.9098	8.8028	1.35868
11500	5.0132	1.4228	1.4221	36.1496	8.9648	1.37477
11600	5.0247	1.4142	1.4378	36.3880	9.1251	1.39089

LOG P= 3.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11700	5.0361	1.4057	1.4538	36.6293	9.2868	1.40732
11800	5.0472	1.3972	1.4699	36.8702	9.4482	1.42390
11900	5.0583	1.3887	1.4864	37.1129	9.6106	1.44076
12000	5.0691	1.3804	1.5027	37.3532	9.7698	1.45750
12100	5.0797	1.3720	1.5192	37.5945	9.9292	1.47446
12200	5.0901	1.3637	1.5357	37.8344	10.0868	1.49141
12300	5.1004	1.3555	1.5523	38.0747	10.2441	1.50851
12400	5.1103	1.3474	1.5687	38.3111	10.3967	1.52536
12500	5.1201	1.3394	1.5851	38.5470	10.5484	1.54230
12600	5.1296	1.3315	1.6014	38.7803	10.6970	1.55910
12700	5.1389	1.3237	1.6176	39.0102	10.8421	1.57574
12800	5.1480	1.3161	1.6335	39.2374	10.9835	1.59218
12900	5.1568	1.3085	1.6494	39.4631	11.1231	1.60860
13000	5.1654	1.3010	1.6650	39.6847	11.2584	1.62477
13100	5.1738	1.2937	1.6803	39.9026	11.3895	1.64067
13200	5.1819	1.2866	1.6954	40.1166	11.5163	1.65628
13300	5.1897	1.2795	1.7101	40.3260	11.6385	1.67158
13400	5.1974	1.2726	1.7246	40.5334	11.7581	1.68676
13500	5.2048	1.2659	1.7386	40.7341	11.8711	1.70140
13600	5.2121	1.2592	1.7525	40.9326	11.9815	1.71589
13700	5.2190	1.2527	1.7659	41.1263	12.0872	1.73002
13800	5.2258	1.2464	1.7790	41.3154	12.1881	1.74378
13900	5.2324	1.2401	1.7918	41.5021	12.2862	1.75735
14000	5.2388	1.2340	1.8041	41.6827	12.3786	1.77039
14100	5.2450	1.2280	1.8161	41.8599	12.4675	1.78323
14200	5.2510	1.2222	1.8278	42.0332	12.5524	1.79570
14300	5.2569	1.2165	1.8391	42.2025	12.6332	1.80782
14400	5.2625	1.2109	1.8500	42.3675	12.7098	1.81960
14500	5.2680	1.2054	1.8605	42.5284	12.7827	1.83102
14600	5.2733	1.2000	1.8707	42.6857	12.8518	1.84211
14700	5.2785	1.1948	1.8806	42.8405	12.9186	1.85300
14800	5.2836	1.1896	1.8901	42.9904	12.9807	1.86346
14900	5.2885	1.1846	1.8993	43.1380	13.0407	1.87374
15000	5.2933	1.1797	1.9083	43.2825	13.0980	1.88373

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.1335	2.7649	3.0896	14.7659	4.5328	1.00000
400	3.2376	2.7127	2.6026	15.7868	4.3206	1.00000
500	3.3409	2.6671	2.3226	16.8240	4.3844	1.00000
600	3.4134	2.6273	2.1344	17.5477	4.3176	1.00000
700	3.4772	2.5917	1.9923	18.1786	4.2866	1.00000
800	3.5341	2.5595	1.8752	18.8069	4.2760	1.00000
900	3.5841	2.5301	1.7830	19.2975	4.2640	1.00000
1000	3.6287	2.5029	1.7083	19.7374	4.2528	1.00000
1100	3.6695	2.4776	1.6467	20.1366	4.2469	1.00000
1200	3.7069	2.4539	1.5948	20.5028	4.2436	1.00000
1300	3.7415	2.4316	1.5506	20.8409	4.2419	1.00000
1400	3.7737	2.4105	1.5124	21.1559	4.2424	1.00000
1500	3.8039	2.3903	1.4788	21.4504	4.2439	1.00000
1600	3.8321	2.3711	1.4490	21.7265	4.2461	1.00000
1700	3.8587	2.3527	1.4225	21.9869	4.2488	1.00000
1800	3.8839	2.3351	1.3989	22.2337	4.2527	1.00000
1900	3.9078	2.3182	1.3778	22.4680	4.2569	1.00000

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2000	3.9316	2.3020	1.3587	22.7031	4.2718	1.00000
2100	3.9533	2.2864	1.3415	22.9162	4.2759	1.00000
2200	3.9740	2.2713	1.3258	23.1199	4.2815	1.00000
2300	3.9938	2.2568	1.3114	23.3154	4.2860	1.00000
2400	4.0127	2.2427	1.2982	23.5028	4.2907	1.00000
2500	4.0310	2.2291	1.2861	23.6830	4.2962	1.00000
2600	4.0485	2.2159	1.2750	23.8560	4.3007	1.00000
2700	4.0653	2.2031	1.2646	24.0232	4.3050	1.00000
2800	4.0816	2.1906	1.2549	24.1845	4.3101	1.00000
2900	4.0973	2.1785	1.2459	24.3402	4.3145	1.00000
3000	4.1125	2.1667	1.2374	24.4911	4.3185	1.00000
3100	4.1272	2.1553	1.2295	24.6372	4.3234	1.00000
3200	4.1414	2.1441	1.2221	24.7788	4.3274	1.00000
3300	4.1552	2.1332	1.2152	24.9164	4.3317	1.00000
3400	4.1686	2.1225	1.2087	25.0501	4.3366	1.00000
3500	4.1816	2.1122	1.2025	25.1802	4.3404	1.00000
3600	4.1943	2.1020	1.1968	25.3069	4.3449	1.00000
3700	4.2066	2.0921	1.1913	25.4303	4.3487	1.00001
3800	4.2186	2.0824	1.1862	25.5506	4.3536	1.00001
3900	4.2303	2.0729	1.1813	25.6681	4.3579	1.00001
4000	4.2417	2.0636	1.1767	25.7828	4.3617	1.00002
4100	4.2529	2.0545	1.1723	25.8951	4.3664	1.00003
4200	4.2638	2.0456	1.1681	26.0051	4.3709	1.00004
4300	4.2746	2.0369	1.1641	26.1130	4.3766	1.00005
4400	4.2851	2.0283	1.1603	26.2192	4.3816	1.00008
4500	4.2955	2.0199	1.1567	26.3238	4.3882	1.00010
4600	4.3057	2.0117	1.1533	26.4274	4.3949	1.00013
4700	4.3159	2.0036	1.1500	26.5306	4.4033	1.00017
4800	4.3260	1.9957	1.1468	26.6337	4.4137	1.00022
4900	4.3362	1.9879	1.1437	26.7372	4.4263	1.00028
5000	4.3464	1.9802	1.1408	26.8415	4.4407	1.00037
5100	4.3515	1.9741	1.1342	26.8897	4.4047	1.00045
5200	4.3605	1.9666	1.1318	26.9813	4.4101	1.00057
5300	4.3693	1.9592	1.1294	27.0721	4.4162	1.00071
5400	4.3781	1.9520	1.1272	27.1622	4.4230	1.00087
5500	4.3868	1.9448	1.1251	27.2513	4.4304	1.00106
5600	4.3954	1.9378	1.1231	27.3398	4.4384	1.00129
5700	4.4039	1.9308	1.1212	27.4274	4.4469	1.00155
5800	4.4124	1.9240	1.1194	27.5145	4.4559	1.00186
5900	4.4207	1.9172	1.1178	27.6011	4.4657	1.00221
6000	4.4291	1.9105	1.1162	27.6872	4.4762	1.00262
6100	4.4373	1.9039	1.1148	27.7732	4.4875	1.00308
6200	4.4456	1.8973	1.1135	27.8590	4.4998	1.00360
6300	4.4538	1.8908	1.1123	27.9450	4.5131	1.00419
6400	4.4621	1.8844	1.1112	28.0313	4.5277	1.00487
6500	4.4703	1.8780	1.1103	28.1180	4.5435	1.00562
6600	4.4786	1.8717	1.1095	28.2054	4.5610	1.00646
6700	4.4869	1.8654	1.1089	28.2935	4.5800	1.00741
6800	4.4953	1.8592	1.1084	28.3823	4.6004	1.00845
6900	4.5037	1.8530	1.1081	28.4721	4.6224	1.00961
7000	4.5122	1.8468	1.1079	28.5627	4.6459	1.01089
7100	4.5207	1.8406	1.1079	28.6543	4.6710	1.01229
7200	4.5292	1.8345	1.1081	28.7469	4.6977	1.01383
7300	4.5378	1.8283	1.1085	28.8408	4.7261	1.01552
7400	4.5465	1.8222	1.1090	28.9361	4.7564	1.01737

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7500	4.5553	1.8161	1.1098	29.0329	4.7887	1.01937
7600	4.5641	1.8100	1.1107	29.1314	4.8230	1.02156
7700	4.5731	1.8038	1.1119	29.2318	4.8594	1.02392
7800	4.5821	1.7977	1.1133	29.3343	4.8982	1.02647
7900	4.5913	1.7915	1.1149	29.4390	4.9396	1.02923
8000	4.6006	1.7853	1.1168	29.5460	4.9837	1.03221
8100	4.6101	1.7791	1.1189	29.6560	5.0308	1.03541
8200	4.6197	1.7729	1.1213	29.7686	5.0808	1.03883
8300	4.6295	1.7666	1.1240	29.8841	5.1338	1.04251
8400	4.6394	1.7602	1.1269	30.0026	5.1898	1.04643
8500	4.6495	1.7538	1.1301	30.1240	5.2491	1.05062
8600	4.6597	1.7474	1.1336	30.2485	5.3114	1.05509
8700	4.6701	1.7409	1.1375	30.3762	5.3770	1.05985
8800	4.6806	1.7344	1.1416	30.5072	5.4459	1.06489
8900	4.6912	1.7278	1.1461	30.6414	5.5180	1.07024
9000	4.7019	1.7211	1.1509	30.7791	5.5934	1.07592
9100	4.7128	1.7144	1.1561	30.9204	5.6723	1.08192
9200	4.7238	1.7075	1.1616	31.0651	5.7544	1.08825
9300	4.7349	1.7006	1.1675	31.2134	5.8399	1.09492
9400	4.7461	1.6937	1.1738	31.3652	5.9288	1.10195
9500	4.7574	1.6866	1.1804	31.5207	6.0211	1.10935
9600	4.7688	1.6795	1.1874	31.6795	6.1166	1.11712
9700	4.7803	1.6723	1.1949	31.8423	6.2156	1.12527
9800	4.7918	1.6650	1.2027	32.0089	6.3181	1.13379
9900	4.8035	1.6576	1.2109	32.1795	6.4242	1.14271
10000	4.8152	1.6502	1.2196	32.3544	6.5340	1.15201
10100	4.8270	1.6427	1.2286	32.5337	6.6476	1.16170
10200	4.8400	1.6349	1.2386	32.7284	6.7820	1.17234
10300	4.8519	1.6272	1.2485	32.9157	6.9026	1.18288
10400	4.8638	1.6194	1.2588	33.1066	7.0262	1.19378
10500	4.8756	1.6116	1.2695	33.3002	7.1525	1.20505
10600	4.8876	1.6037	1.2806	33.4992	7.2828	1.21677
10700	4.8995	1.5957	1.2921	33.7009	7.4157	1.22885
10800	4.9114	1.5877	1.3040	33.9063	7.5509	1.24128
10900	4.9233	1.5796	1.3163	34.1154	7.6898	1.25417
11000	4.9352	1.5715	1.3290	34.3272	7.8308	1.26738
11100	4.9470	1.5633	1.3419	34.5417	7.9738	1.28091
11200	4.9588	1.5551	1.3554	34.7596	8.1198	1.29488
11300	4.9704	1.5469	1.3690	34.9786	8.2658	1.30899
11400	4.9819	1.5387	1.3829	35.2005	8.4146	1.32351
11500	4.9935	1.5304	1.3973	35.4265	8.5660	1.33843
11600	5.0048	1.5222	1.4118	35.6515	8.7164	1.35343
11700	5.0161	1.5139	1.4266	35.8800	8.8690	1.36878
11800	5.0272	1.5056	1.4417	36.1088	9.0217	1.38432
11900	5.0382	1.4974	1.4570	36.3399	9.1762	1.40019
12000	5.0490	1.4892	1.4723	36.5695	9.3283	1.41601
12100	5.0597	1.4810	1.4879	36.8008	9.4815	1.43211
12200	5.0702	1.4729	1.5036	37.0316	9.6337	1.44828
12300	5.0805	1.4648	1.5194	37.2636	9.7865	1.46468
12400	5.0906	1.4568	1.5351	37.4928	9.9357	1.48092
12500	5.1006	1.4489	1.5510	37.7225	10.0849	1.49731
12600	5.1103	1.4410	1.5668	37.9505	10.2319	1.51367
12700	5.1199	1.4332	1.5825	38.1760	10.3764	1.52996
12800	5.1291	1.4256	1.5981	38.3998	10.5181	1.54614
12900	5.1383	1.4180	1.6138	38.6231	10.6589	1.56239

LOG P= 3.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13000	5.1472	1.4105	1.6293	38.8432	10.7965	1.57849
13100	5.1559	1.4031	1.6446	39.0606	10.9305	1.59440
13200	5.1644	1.3958	1.6596	39.2750	11.0611	1.61011
13300	5.1726	1.3887	1.6745	39.4855	11.1879	1.62561
13400	5.1807	1.3816	1.6892	39.6949	11.3128	1.64104
13500	5.1884	1.3747	1.7035	39.8981	11.4316	1.65602
13600	5.1961	1.3679	1.7177	40.0999	11.5484	1.67091
13700	5.2035	1.3612	1.7315	40.2974	11.6610	1.68550
13800	5.2106	1.3547	1.7451	40.4909	11.7694	1.69979
13900	5.2177	1.3483	1.7584	40.6825	11.8754	1.71395
14000	5.2244	1.3420	1.7713	40.8682	11.9757	1.72760
14100	5.2310	1.3358	1.7839	41.0511	12.0731	1.74111
14200	5.2375	1.3297	1.7962	41.2302	12.1666	1.75428
14300	5.2437	1.3238	1.8082	41.4056	12.2561	1.76712
14400	5.2497	1.3180	1.8198	41.5768	12.3416	1.77964
14500	5.2556	1.3123	1.8310	41.7441	12.4233	1.79183
14600	5.2613	1.3068	1.8419	41.9076	12.5012	1.80369
14700	5.2669	1.3013	1.8526	42.0689	12.5768	1.81539
14800	5.2723	1.2960	1.8628	42.2252	12.6476	1.82664
14900	5.2776	1.2907	1.8728	42.3792	12.7164	1.83772
15000	5.2827	1.2856	1.8824	42.5300	12.7819	1.84851

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.1785	2.7928	3.6774	14.4918	5.0278	1.00000
400	3.2740	2.7481	3.0302	15.5085	4.6984	1.00000
500	3.3718	2.7082	2.6562	16.5628	4.7079	1.00000
600	3.4404	2.6728	2.4088	17.2910	4.5946	1.00000
700	3.5012	2.6410	2.2295	17.9290	4.5299	1.00000
800	3.5552	2.6122	2.0917	18.5622	4.4886	1.00000
900	3.6031	2.5857	1.9779	19.0569	4.4554	1.00000
1000	3.6462	2.5610	1.8829	19.4998	4.4282	1.00000
1100	3.6857	2.5379	1.8045	19.9013	4.4089	1.00000
1200	3.7220	2.5162	1.7387	20.2693	4.3940	1.00000
1300	3.7556	2.4957	1.6827	20.6086	4.3820	1.00000
1400	3.7870	2.4762	1.6345	20.9246	4.3735	1.00000
1500	3.8163	2.4577	1.5926	21.2198	4.3670	1.00000
1600	3.8438	2.4400	1.5558	21.4963	4.3619	1.00000
1700	3.8697	2.4230	1.5232	21.7570	4.3581	1.00000
1800	3.8944	2.4066	1.4943	22.0041	4.3561	1.00000
1900	3.9177	2.3909	1.4680	22.2386	4.3550	1.00000
2000	3.9410	2.3756	1.4442	22.4739	4.3652	1.00000
2100	3.9622	2.3609	1.4226	22.6872	4.3650	1.00000
2200	3.9826	2.3467	1.4030	22.8910	4.3666	1.00000
2300	4.0020	2.3330	1.3851	23.0866	4.3674	1.00000
2400	4.0206	2.3196	1.3687	23.2741	4.3687	1.00000
2500	4.0385	2.3067	1.3537	23.4543	4.3711	1.00000
2600	4.0557	2.2942	1.3398	23.6274	4.3727	1.00000
2700	4.0723	2.2820	1.3269	23.7945	4.3743	1.00000
2800	4.0883	2.2701	1.3150	23.9558	4.3770	1.00000
2900	4.1038	2.2586	1.3040	24.1115	4.3791	1.00000
3000	4.1187	2.2473	1.2936	24.2624	4.3810	1.00000
3100	4.1332	2.2364	1.2840	24.4084	4.3838	1.00000
3200	4.1472	2.2257	1.2750	24.5500	4.3859	1.00000

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3300	4.1608	2.2152	1.2665	24.6875	4.3885	1.00000
3400	4.1741	2.2050	1.2586	24.8211	4.3917	1.00000
3500	4.1869	2.1951	1.2510	24.9512	4.3938	1.00000
3600	4.1994	2.1853	1.2439	25.0778	4.3968	1.00000
3700	4.2116	2.1758	1.2371	25.2011	4.3990	1.00001
3800	4.2235	2.1664	1.2307	25.3214	4.4026	1.00001
3900	4.2351	2.1573	1.2246	25.4388	4.4055	1.00001
4000	4.2463	2.1483	1.2189	25.5535	4.4081	1.00002
4100	4.2574	2.1395	1.2135	25.6658	4.4115	1.00002
4200	4.2682	2.1309	1.2083	25.7757	4.4149	1.00003
4300	4.2788	2.1225	1.2033	25.8835	4.4195	1.00005
4400	4.2892	2.1142	1.1986	25.9897	4.4234	1.00007
4500	4.2995	2.1061	1.1942	26.0942	4.4291	1.00009
4600	4.3096	2.0981	1.1899	26.1978	4.4348	1.00011
4700	4.3197	2.0902	1.1858	26.3009	4.4423	1.00015
4800	4.3298	2.0825	1.1819	26.4040	4.4518	1.00020
4900	4.3399	2.0750	1.1781	26.5075	4.4636	1.00025
5000	4.3500	2.0675	1.1745	26.6117	4.4772	1.00033
5100	4.3547	2.0627	1.1644	26.6576	4.4370	1.00040
5200	4.3635	2.0554	1.1614	26.7490	4.4417	1.00051
5300	4.3723	2.0482	1.1586	26.8396	4.4470	1.00063
5400	4.3810	2.0411	1.1559	26.9293	4.4530	1.00077
5500	4.3896	2.0341	1.1533	27.0181	4.4594	1.00095
5600	4.3982	2.0272	1.1508	27.1061	4.4664	1.00115
5700	4.4066	2.0204	1.1484	27.1933	4.4739	1.00138
5800	4.4149	2.0137	1.1462	27.2796	4.4819	1.00165
5900	4.4231	2.0071	1.1441	27.3656	4.4905	1.00196
6000	4.4313	2.0005	1.1421	27.4508	4.4998	1.00233
6100	4.4395	1.9941	1.1402	27.5359	4.5098	1.00274
6200	4.4476	1.9877	1.1385	27.6207	4.5206	1.00320
6300	4.4557	1.9813	1.1368	27.7055	4.5325	1.00373
6400	4.4638	1.9751	1.1354	27.7904	4.5454	1.00433
6500	4.4718	1.9689	1.1340	27.8756	4.5595	1.00500
6600	4.4799	1.9627	1.1328	27.9613	4.5750	1.00574
6700	4.4881	1.9566	1.1317	28.0476	4.5920	1.00658
6800	4.4962	1.9505	1.1308	28.1345	4.6103	1.00751
6900	4.5044	1.9445	1.1300	28.2220	4.6299	1.00855
7000	4.5126	1.9384	1.1294	28.3102	4.6509	1.00968
7100	4.5209	1.9325	1.1289	28.3991	4.6732	1.01093
7200	4.5292	1.9265	1.1286	28.4889	4.6970	1.01230
7300	4.5375	1.9205	1.1285	28.5797	4.7224	1.01380
7400	4.5459	1.9146	1.1286	28.6716	4.7494	1.01545
7500	4.5543	1.9087	1.1288	28.7648	4.7782	1.01723
7600	4.5628	1.9028	1.1293	28.8594	4.8086	1.01917
7700	4.5714	1.8968	1.1299	28.9556	4.8411	1.02128
7800	4.5801	1.8909	1.1308	29.0535	4.8758	1.02355
7900	4.5889	1.8849	1.1319	29.1534	4.9127	1.02601
8000	4.5979	1.8790	1.1332	29.2554	4.9520	1.02865
8100	4.6069	1.8730	1.1347	29.3599	4.9941	1.03150
8200	4.6161	1.8670	1.1365	29.4668	5.0388	1.03455
8300	4.6255	1.8610	1.1385	29.5762	5.0863	1.03782
8400	4.6349	1.8549	1.1408	29.6882	5.1365	1.04132
8500	4.6445	1.8488	1.1434	29.8028	5.1895	1.04505
8600	4.6543	1.8426	1.1462	29.9201	5.2454	1.04904
8700	4.6641	1.8364	1.1493	30.0402	5.3042	1.05327

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8800	4.6741	1.8302	1.1528	30.1632	5.3660	1.05777
8900	4.6842	1.8239	1.1565	30.2892	5.4307	1.06254
9000	4.6945	1.8175	1.1605	30.4181	5.4984	1.06760
9100	4.7048	1.8111	1.1648	30.5502	5.5692	1.07295
9200	4.7153	1.8046	1.1695	30.6853	5.6429	1.07860
9300	4.7259	1.7981	1.1745	30.8237	5.7197	1.08455
9400	4.7365	1.7915	1.1798	30.9651	5.7995	1.09083
9500	4.7473	1.7848	1.1855	31.1098	5.8825	1.09744
9600	4.7581	1.7780	1.1915	31.2574	5.9682	1.10438
9700	4.7690	1.7712	1.1979	31.4085	6.0572	1.11167
9800	4.7801	1.7643	1.2047	31.5631	6.1494	1.11930
9900	4.7912	1.7573	1.2118	31.7215	6.2449	1.12728
10000	4.8024	1.7503	1.2193	31.8836	6.3439	1.13562
10100	4.8136	1.7432	1.2272	32.0498	6.4464	1.14430
10200	4.8261	1.7358	1.2360	32.2306	6.5691	1.15386
10300	4.8375	1.7285	1.2447	32.4043	6.6782	1.16333
10400	4.8489	1.7211	1.2537	32.5812	6.7900	1.17314
10500	4.8603	1.7137	1.2631	32.7607	6.9046	1.18329
10600	4.8718	1.7062	1.2730	32.9454	7.0229	1.19387
10700	4.8833	1.6987	1.2832	33.1324	7.1437	1.20478
10800	4.8948	1.6911	1.2938	33.3233	7.2669	1.21604
10900	4.9063	1.6834	1.3048	33.5176	7.3938	1.22772
11000	4.9178	1.6757	1.3161	33.7147	7.5227	1.23972
11100	4.9292	1.6679	1.3277	33.9146	7.6538	1.25204
11200	4.9406	1.6601	1.3398	34.1175	7.7880	1.26478
11300	4.9520	1.6523	1.3521	34.3222	7.9226	1.27769
11400	4.9633	1.6444	1.3648	34.5298	8.0602	1.29100
11500	4.9745	1.6365	1.3779	34.7416	8.2006	1.30472
11600	4.9857	1.6286	1.3911	34.9529	8.3406	1.31856
11700	4.9967	1.6206	1.4047	35.1680	8.4830	1.33276
11800	5.0077	1.6127	1.4185	35.3838	8.6261	1.34718
11900	5.0186	1.6047	1.4326	35.6024	8.7715	1.36197
12000	5.0293	1.5968	1.4468	35.8201	8.9153	1.37677
12100	5.0400	1.5889	1.4613	36.0402	9.0608	1.39189
12200	5.0504	1.5810	1.4760	36.2605	9.2059	1.40715
12300	5.0608	1.5730	1.4909	36.4828	9.3523	1.42269
12400	5.0710	1.5652	1.5057	36.7030	9.4960	1.43814
12500	5.0810	1.5574	1.5208	36.9244	9.6405	1.45381
12600	5.0909	1.5497	1.5358	37.1451	9.7836	1.46952
12700	5.1005	1.5420	1.5509	37.3640	9.9249	1.48524
12800	5.1100	1.5344	1.5659	37.5822	10.0646	1.50094
12900	5.1194	1.5268	1.5811	37.8007	10.2039	1.51678
13000	5.1285	1.5194	1.5962	38.0167	10.3410	1.53255
13100	5.1374	1.5120	1.6112	38.2311	10.4755	1.54821
13200	5.1462	1.5047	1.6260	38.4432	10.6071	1.56376
13300	5.1547	1.4975	1.6407	38.6522	10.7360	1.57917
13400	5.1631	1.4904	1.6554	38.8611	10.8636	1.59461
13500	5.1712	1.4834	1.6697	39.0645	10.9860	1.60967
13600	5.1791	1.4765	1.6839	39.2672	11.1070	1.62471
13700	5.1869	1.4698	1.6980	39.4663	11.2245	1.63954
13800	5.1944	1.4631	1.7117	39.6620	11.3384	1.65413
13900	5.2018	1.4565	1.7254	39.8566	11.4503	1.66866
14000	5.2090	1.4501	1.7386	40.0457	11.5572	1.68273
14100	5.2160	1.4437	1.7517	40.2327	11.6616	1.69673
14200	5.2228	1.4375	1.7645	40.4160	11.7624	1.71044

LOG P= 3.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14300	5.2294	1.4314	1.7769	40.5962	11.8594	1.72386
14400	5.2358	1.4254	1.7891	40.7726	11.9527	1.73700
14500	5.2421	1.4195	1.8009	40.9452	12.0424	1.74984
14600	5.2482	1.4139	1.8124	41.1142	12.1285	1.76238
14700	5.2541	1.4081	1.8237	41.2814	12.2124	1.77481
14800	5.2599	1.4026	1.8345	41.4434	12.2916	1.78676
14900	5.2655	1.3972	1.8452	41.6034	12.3686	1.79859
15000	5.2710	1.3918	1.8555	41.7601	12.4423	1.81012

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.2284	2.8187	4.3953	14.2040	5.6400	1.00000
400	3.3154	2.7806	3.5618	15.2238	5.1679	1.00000
500	3.4072	2.7459	3.0732	16.2972	5.1081	1.00000
600	3.4717	2.7147	2.7511	17.0317	4.9384	1.00000
700	3.5294	2.6865	2.5203	17.6776	4.8344	1.00000
800	3.5808	2.6608	2.3451	18.3160	4.7611	1.00000
900	3.6264	2.6371	2.2065	18.8154	4.7001	1.00000
1000	3.6673	2.6150	2.0936	19.2618	4.6488	1.00000
1100	3.7051	2.5942	1.9985	19.6660	4.6103	1.00000
1200	3.7401	2.5745	1.9159	20.0360	4.5808	1.00000
1300	3.7725	2.5558	1.8455	20.3768	4.5561	1.00000
1400	3.8028	2.5380	1.7850	20.6940	4.5364	1.00000
1500	3.8312	2.5210	1.7325	20.9900	4.5200	1.00000
1600	3.8579	2.5047	1.6864	21.2671	4.5060	1.00000
1700	3.8831	2.4890	1.6456	21.5283	4.4942	1.00000
1800	3.9070	2.4739	1.6094	21.7757	4.4850	1.00000
1900	3.9298	2.4594	1.5770	22.0103	4.4773	1.00000
2000	3.9524	2.4453	1.5479	22.2457	4.4814	1.00000
2100	3.9731	2.4317	1.5215	22.4589	4.4757	1.00000
2200	3.9929	2.4185	1.4976	22.6628	4.4722	1.00000
2300	4.0119	2.4056	1.4757	22.8582	4.4684	1.00000
2400	4.0301	2.3931	1.4555	23.0457	4.4654	1.00000
2500	4.0477	2.3810	1.4368	23.2259	4.4639	1.00000
2600	4.0645	2.3691	1.4196	23.3990	4.4619	1.00000
2700	4.0807	2.3576	1.4037	23.5660	4.4600	1.00000
2800	4.0965	2.3464	1.3889	23.7273	4.4596	1.00000
2900	4.1116	2.3355	1.3752	23.8830	4.4588	1.00000
3000	4.1262	2.3248	1.3624	24.0337	4.4579	1.00000
3100	4.1405	2.3144	1.3504	24.1797	4.4581	1.00000
3200	4.1543	2.3042	1.3393	24.3212	4.4578	1.00000
3300	4.1677	2.2942	1.3288	24.4587	4.4581	1.00000
3400	4.1807	2.2845	1.3190	24.5922	4.4591	1.00000
3500	4.1933	2.2750	1.3097	24.7223	4.4593	1.00000
3600	4.2057	2.2657	1.3010	24.8487	4.4604	1.00000
3700	4.2176	2.2566	1.2927	24.9720	4.4609	1.00001
3800	4.2294	2.2476	1.2850	25.0922	4.4628	1.00001
3900	4.2408	2.2389	1.2776	25.2095	4.4641	1.00001
4000	4.2519	2.2303	1.2706	25.3241	4.4652	1.00002
4100	4.2628	2.2218	1.2639	25.4363	4.4672	1.00002
4200	4.2735	2.2136	1.2576	25.5461	4.4692	1.00003
4300	4.2840	2.2055	1.2516	25.6539	4.4725	1.00004
4400	4.2943	2.1975	1.2459	25.7600	4.4752	1.00006
4500	4.3045	2.1896	1.2403	25.8645	4.4796	1.00008

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4600	4.3144	2.1819	1.2350	25.9680	4.4842	1.00010
4700	4.3244	2.1744	1.2300	26.0711	4.4906	1.00013
4800	4.3344	2.1669	1.2251	26.1741	4.4990	1.00018
4900	4.3444	2.1596	1.2205	26.2775	4.5098	1.00022
5000	4.3543	2.1524	1.2161	26.3817	4.5223	1.00029
5100	4.3585	2.1494	1.2006	26.4245	4.4761	1.00036
5200	4.3673	2.1423	1.1970	26.5158	4.4799	1.00045
5300	4.3760	2.1352	1.1936	26.6063	4.4844	1.00056
5400	4.3846	2.1283	1.1903	26.6958	4.4895	1.00069
5500	4.3931	2.1215	1.1871	26.7844	4.4950	1.00084
5600	4.4015	2.1148	1.1841	26.8721	4.5010	1.00101
5700	4.4098	2.1082	1.1812	26.9588	4.5075	1.00123
5800	4.4180	2.1016	1.1784	27.0447	4.5145	1.00147
5900	4.4262	2.0952	1.1758	27.1300	4.5219	1.00174
6000	4.4342	2.0888	1.1733	27.2147	4.5299	1.00207
6100	4.4423	2.0825	1.1709	27.2989	4.5386	1.00243
6200	4.4502	2.0763	1.1686	27.3828	4.5481	1.00284
6300	4.4582	2.0701	1.1665	27.4665	4.5585	1.00331
6400	4.4661	2.0640	1.1645	27.5502	4.5698	1.00384
6500	4.4740	2.0580	1.1627	27.6341	4.5823	1.00444
6600	4.4819	2.0520	1.1610	27.7183	4.5961	1.00510
6700	4.4899	2.0460	1.1595	27.8030	4.6111	1.00585
6800	4.4978	2.0401	1.1580	27.8881	4.6273	1.00667
6900	4.5058	2.0343	1.1568	27.9736	4.6447	1.00759
7000	4.5138	2.0284	1.1557	28.0596	4.6634	1.00860
7100	4.5218	2.0226	1.1548	28.1462	4.6833	1.00971
7200	4.5298	2.0169	1.1540	28.2335	4.7044	1.01093
7300	4.5379	2.0111	1.1534	28.3215	4.7269	1.01227
7400	4.5460	2.0054	1.1529	28.4105	4.7509	1.01373
7500	4.5542	1.9996	1.1527	28.5005	4.7765	1.01532
7600	4.5624	1.9939	1.1526	28.5916	4.8035	1.01704
7700	4.5707	1.9882	1.1527	28.6841	4.8324	1.01892
7800	4.5790	1.9825	1.1530	28.7780	4.8632	1.02094
7900	4.5875	1.9767	1.1535	28.8736	4.8960	1.02313
8000	4.5960	1.9710	1.1543	28.9712	4.9310	1.02548
8100	4.6047	1.9652	1.1552	29.0709	4.9686	1.02801
8200	4.6135	1.9595	1.1564	29.1726	5.0085	1.03073
8300	4.6224	1.9537	1.1578	29.2766	5.0509	1.03364
8400	4.6315	1.9479	1.1594	29.3828	5.0958	1.03675
8500	4.6407	1.9420	1.1613	29.4913	5.1433	1.04008
8600	4.6499	1.9361	1.1635	29.6022	5.1933	1.04362
8700	4.6593	1.9302	1.1659	29.7155	5.2460	1.04739
8800	4.6689	1.9242	1.1686	29.8314	5.3013	1.05139
8900	4.6785	1.9182	1.1715	29.9499	5.3593	1.05565
9000	4.6882	1.9122	1.1747	30.0709	5.4200	1.06015
9100	4.6981	1.9061	1.1783	30.1948	5.4835	1.06493
9200	4.7081	1.8999	1.1821	30.3214	5.5496	1.06996
9300	4.7181	1.8937	1.1862	30.4507	5.6185	1.07527
9400	4.7283	1.8875	1.1907	30.5829	5.6902	1.08087
9500	4.7385	1.8811	1.1955	30.7179	5.7646	1.08676
9600	4.7488	1.8747	1.2006	30.8554	5.8415	1.09296
9700	4.7592	1.8683	1.2060	30.9961	5.9214	1.09947
9800	4.7697	1.8617	1.2118	31.1399	6.0042	1.10629
9900	4.7803	1.8551	1.2179	31.2870	6.0901	1.11343
10000	4.7909	1.8485	1.2243	31.4376	6.1791	1.12088

LOG P= 3.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10100	4.8017	1.8418	1.2311	31.5920	6.2716	1.12866
10200	4.8137	1.8348	1.2387	31.7601	6.3834	1.13722
10300	4.8245	1.8279	1.2463	31.9212	6.4818	1.14571
10400	4.8354	1.8210	1.2542	32.0854	6.5828	1.15452
10500	4.8464	1.8140	1.2624	32.2519	6.6864	1.16364
10600	4.8574	1.8069	1.2710	32.4233	6.7935	1.17316
10700	4.8684	1.7998	1.2800	32.5968	6.9031	1.18299
10800	4.8795	1.7926	1.2893	32.7741	7.0150	1.19314
10900	4.8905	1.7854	1.2990	32.9545	7.1302	1.20369
11000	4.9016	1.7780	1.3090	33.1377	7.2478	1.21455
11100	4.9126	1.7707	1.3194	33.3237	7.3675	1.22572
11200	4.9237	1.7633	1.3302	33.5126	7.4903	1.23728
11300	4.9347	1.7558	1.3411	33.7034	7.6138	1.24904
11400	4.9457	1.7483	1.3525	33.8971	7.7403	1.26118
11500	4.9567	1.7408	1.3643	34.0951	7.8697	1.27373
11600	4.9675	1.7332	1.3762	34.2929	7.9990	1.28640
11700	4.9783	1.7257	1.3885	34.4946	8.1310	1.29946
11800	4.9891	1.7180	1.4011	34.6973	8.2641	1.31275
11900	4.9998	1.7104	1.4140	34.9031	8.3997	1.32642
12000	5.0103	1.7028	1.4270	35.1085	8.5342	1.34014
12100	5.0208	1.6951	1.4403	35.3165	8.6709	1.35420
12200	5.0312	1.6875	1.4538	35.5253	8.8078	1.36844
12300	5.0416	1.6799	1.4676	35.7365	8.9464	1.38299
12400	5.0517	1.6723	1.4814	35.9462	9.0830	1.39751
12500	5.0617	1.6647	1.4955	36.1578	9.2209	1.41231
12600	5.0716	1.6571	1.5097	36.3693	9.3583	1.42720
12700	5.0813	1.6496	1.5239	36.5798	9.4947	1.44216
12800	5.0908	1.6422	1.5381	36.7903	9.6301	1.45717
12900	5.1003	1.6347	1.5526	37.0018	9.7659	1.47238
13000	5.1096	1.6274	1.5670	37.2116	9.9003	1.48759
13100	5.1187	1.6201	1.5814	37.4206	10.0328	1.50279
13200	5.1276	1.6128	1.5958	37.6282	10.1632	1.51793
13300	5.1363	1.6057	1.6101	37.8335	10.2917	1.53302
13400	5.1450	1.5986	1.6244	38.0393	10.4196	1.54821
13500	5.1533	1.5916	1.6385	38.2406	10.5432	1.56311
13600	5.1615	1.5847	1.6525	38.4419	10.6660	1.57807
13700	5.1696	1.5779	1.6665	38.6404	10.7861	1.59289
13800	5.1774	1.5712	1.6802	38.8361	10.9031	1.60753
13900	5.1852	1.5645	1.6939	39.0315	11.0190	1.62219
14000	5.1926	1.5580	1.7072	39.2217	11.1300	1.63646
14100	5.2000	1.5515	1.7205	39.4106	11.2393	1.65072
14200	5.2071	1.5452	1.7335	39.5965	11.3454	1.66476
14300	5.2141	1.5390	1.7463	39.7797	11.4483	1.67856
14400	5.2209	1.5328	1.7587	39.9594	11.5479	1.69212
14500	5.2275	1.5268	1.7709	40.1357	11.6440	1.70543
14600	5.2339	1.5209	1.7828	40.3088	11.7369	1.71848
14700	5.2402	1.5151	1.7946	40.4805	11.8280	1.73147
14800	5.2463	1.5094	1.8059	40.6472	11.9143	1.74401
14900	5.2523	1.5038	1.8172	40.8121	11.9989	1.75646
15000	5.2582	1.4983	1.8280	40.9741	12.0803	1.76865

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.2830	2.8433	5.2595	13.8997	6.3952	1.00000

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	3.3616	2.8109	4.2132	14.9309	5.7477	1.00000
500	3.4471	2.7809	3.5887	16.0259	5.5995	1.00000
600	3.5074	2.7536	3.1754	16.7690	5.3609	1.00000
700	3.5618	2.7287	2.8804	17.4239	5.2085	1.00000
800	3.6103	2.7059	2.6578	18.0683	5.0963	1.00000
900	3.6536	2.6848	2.4831	18.5728	5.0043	1.00000
1000	3.6926	2.6650	2.3418	19.0232	4.9269	1.00000
1100	3.7285	2.6464	2.2249	19.4306	4.8656	1.00000
1200	3.7618	2.6288	2.1264	19.8030	4.8151	1.00000
1300	3.7927	2.6120	2.0424	20.1454	4.7723	1.00000
1400	3.8217	2.5960	1.9691	20.4637	4.7373	1.00000
1500	3.8490	2.5805	1.9037	20.7606	4.7086	1.00000
1600	3.8747	2.5656	1.8464	21.0385	4.6836	1.00000
1700	3.8990	2.5512	1.7957	21.3002	4.6620	1.00000
1800	3.9222	2.5374	1.7507	21.5479	4.6439	1.00000
1900	3.9442	2.5240	1.7104	21.7828	4.6281	1.00000
2000	3.9661	2.5110	1.6742	22.0183	4.6248	1.00000
2100	3.9861	2.4984	1.6415	22.2316	4.6124	1.00000
2200	4.0054	2.4862	1.6117	22.4354	4.6027	1.00000
2300	4.0238	2.4743	1.5847	22.6309	4.5932	1.00000
2400	4.0415	2.4627	1.5599	22.8182	4.5849	1.00000
2500	4.0587	2.4514	1.5371	22.9982	4.5784	1.00000
2600	4.0751	2.4404	1.5162	23.1711	4.5719	1.00000
2700	4.0909	2.4297	1.4968	23.3380	4.5658	1.00000
2800	4.1063	2.4192	1.4789	23.4991	4.5615	1.00000
2900	4.1211	2.4089	1.4622	23.6546	4.5570	1.00000
3000	4.1354	2.3989	1.4467	23.8052	4.5527	1.00000
3100	4.1493	2.3891	1.4319	23.9510	4.5497	1.00000
3200	4.1628	2.3795	1.4181	24.0924	4.5464	1.00000
3300	4.1759	2.3700	1.4052	24.2298	4.5439	1.00000
3400	4.1888	2.3608	1.3931	24.3632	4.5423	1.00000
3500	4.2011	2.3518	1.3817	24.4931	4.5399	1.00000
3600	4.2132	2.3429	1.3709	24.6195	4.5387	1.00000
3700	4.2250	2.3343	1.3607	24.7427	4.5369	1.00000
3800	4.2365	2.3258	1.3511	24.8628	4.5366	1.00001
3900	4.2477	2.3174	1.3420	24.9801	4.5360	1.00001
4000	4.2587	2.3092	1.3334	25.0946	4.5352	1.00001
4100	4.2694	2.3012	1.3252	25.2067	4.5354	1.00002
4200	4.2799	2.2933	1.3174	25.3165	4.5356	1.00002
4300	4.2903	2.2855	1.3100	25.4242	4.5373	1.00003
4400	4.3004	2.2779	1.3030	25.5302	4.5384	1.00005
4500	4.3104	2.2704	1.2962	25.6346	4.5414	1.00007
4600	4.3203	2.2630	1.2898	25.7380	4.5446	1.00009
4700	4.3301	2.2557	1.2836	25.8411	4.5497	1.00012
4800	4.3399	2.2486	1.2777	25.9440	4.5568	1.00016
4900	4.3498	2.2416	1.2721	26.0473	4.5664	1.00020
5000	4.3596	2.2347	1.2667	26.1514	4.5778	1.00026
5100	4.3630	2.2341	1.2437	26.1900	4.5230	1.00032
5200	4.3717	2.2272	1.2394	26.2812	4.5259	1.00040
5300	4.3803	2.2204	1.2353	26.3717	4.5294	1.00049
5400	4.3888	2.2136	1.2314	26.4611	4.5336	1.00061
5500	4.3972	2.2070	1.2275	26.5496	4.5382	1.00074
5600	4.4055	2.2005	1.2239	26.6370	4.5432	1.00090
5700	4.4138	2.1940	1.2204	26.7234	4.5486	1.00109
5800	4.4219	2.1877	1.2170	26.8090	4.5544	1.00130

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
5900	4.4299	2.1814	1.2138	26.8938	4.5607	1.00155
6000	4.4378	2.1752	1.2107	26.9779	4.5676	1.00183
6100	4.4457	2.1691	1.2077	27.0614	4.5750	1.00215
6200	4.4536	2.1630	1.2049	27.1446	4.5832	1.00252
6300	4.4614	2.1570	1.2022	27.2275	4.5921	1.00294
6400	4.4691	2.1511	1.1997	27.3102	4.6019	1.00341
6500	4.4769	2.1452	1.1973	27.3930	4.6127	1.00394
6600	4.4846	2.1394	1.1951	27.4760	4.6248	1.00453
6700	4.4924	2.1336	1.1930	27.5593	4.6380	1.00519
6800	4.5002	2.1279	1.1911	27.6428	4.6523	1.00593
6900	4.5079	2.1222	1.1893	27.7266	4.6677	1.00674
7000	4.5157	2.1166	1.1876	27.8108	4.6841	1.00764
7100	4.5235	2.1110	1.1861	27.8953	4.7017	1.00862
7200	4.5313	2.1054	1.1848	27.9803	4.7203	1.00970
7300	4.5391	2.0998	1.1837	28.0659	4.7402	1.01089
7400	4.5470	2.0943	1.1827	28.1523	4.7614	1.01219
7500	4.5548	2.0887	1.1819	28.2394	4.7839	1.01360
7600	4.5628	2.0832	1.1813	28.3275	4.8079	1.01514
7700	4.5707	2.0777	1.1808	28.4166	4.8334	1.01680
7800	4.5788	2.0722	1.1806	28.5070	4.8607	1.01860
7900	4.5869	2.0667	1.1805	28.5988	4.8898	1.02055
8000	4.5951	2.0612	1.1807	28.6924	4.9209	1.02264
8100	4.6035	2.0556	1.1810	28.7878	4.9543	1.02489
8200	4.6119	2.0501	1.1816	28.8849	4.9899	1.02730
8300	4.6204	2.0446	1.1823	28.9841	5.0277	1.02989
8400	4.6291	2.0390	1.1833	29.0851	5.0678	1.03266
8500	4.6379	2.0334	1.1846	29.1882	5.1102	1.03562
8600	4.6467	2.0278	1.1860	29.2934	5.1549	1.03877
8700	4.6557	2.0221	1.1878	29.4007	5.2020	1.04213
8800	4.6648	2.0165	1.1897	29.5103	5.2515	1.04570
8900	4.6739	2.0107	1.1920	29.6219	5.3034	1.04949
9000	4.6832	2.0050	1.1944	29.7361	5.3578	1.05349
9100	4.6926	1.9992	1.1972	29.8526	5.4147	1.05775
9200	4.7021	1.9933	1.2002	29.9716	5.4740	1.06223
9300	4.7117	1.9875	1.2035	30.0929	5.5357	1.06696
9400	4.7213	1.9815	1.2071	30.2168	5.5999	1.07195
9500	4.7310	1.9755	1.2110	30.3430	5.6666	1.07720
9600	4.7408	1.9695	1.2152	30.4715	5.7355	1.08274
9700	4.7507	1.9634	1.2197	30.6026	5.8071	1.08854
9800	4.7607	1.9572	1.2245	30.7367	5.8814	1.09462
9900	4.7708	1.9510	1.2296	30.8738	5.9585	1.10100
10000	4.7809	1.9447	1.2351	31.0139	6.0386	1.10766
10100	4.7912	1.9383	1.2408	31.1576	6.1217	1.11461
10200	4.8026	1.9318	1.2473	31.3142	6.2236	1.12227
10300	4.8130	1.9253	1.2538	31.4639	6.3122	1.12987
10400	4.8234	1.9188	1.2605	31.6165	6.4034	1.13776
10500	4.8339	1.9122	1.2676	31.7711	6.4968	1.14594
10600	4.8444	1.9055	1.2751	31.9303	6.5936	1.15448
10700	4.8550	1.8988	1.2829	32.0914	6.6927	1.16331
10800	4.8656	1.8920	1.2910	32.2562	6.7941	1.17244
10900	4.8762	1.8852	1.2995	32.4237	6.8986	1.18194
11000	4.8868	1.8783	1.3083	32.5940	7.0054	1.19173
11100	4.8975	1.8714	1.3174	32.7669	7.1142	1.20182
11200	4.9081	1.8643	1.3269	32.9425	7.2261	1.21227
11300	4.9187	1.8573	1.3366	33.1201	7.3387	1.22292

LOG P= 3.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11400	4.9293	1.8502	1.3466	33.3005	7.4543	1.23393
11500	4.9400	1.8431	1.3571	33.4851	7.5729	1.24534
11600	4.9505	1.8359	1.3678	33.6697	7.6917	1.25688
11700	4.9610	1.8287	1.3788	33.8583	7.8133	1.26880
11800	4.9715	1.8215	1.3901	34.0480	7.9361	1.28096
11900	4.9820	1.8142	1.4017	34.2409	8.0616	1.29350
12000	4.9923	1.8069	1.4135	34.4337	8.1865	1.30611
12100	5.0026	1.7996	1.4256	34.6294	8.3138	1.31908
12200	5.0128	1.7923	1.4379	34.8262	8.4416	1.33225
12300	5.0230	1.7850	1.4505	35.0258	8.5716	1.34577
12400	5.0330	1.7777	1.4632	35.2244	8.7003	1.35929
12500	5.0429	1.7704	1.4761	35.4254	8.8306	1.37312
12600	5.0527	1.7631	1.4892	35.6267	8.9609	1.38709
12700	5.0624	1.7558	1.5025	35.8276	9.0909	1.40117
12800	5.0720	1.7486	1.5158	36.0291	9.2204	1.41537
12900	5.0814	1.7413	1.5293	36.2322	9.3509	1.42980
13000	5.0908	1.7341	1.5429	36.4342	9.4806	1.44430
13100	5.1000	1.7270	1.5566	36.6362	9.6092	1.45884
13200	5.1090	1.7199	1.5702	36.8374	9.7365	1.47340
13300	5.1178	1.7128	1.5838	37.0370	9.8624	1.48796
13400	5.1266	1.7058	1.5976	37.2377	9.9885	1.50269
13500	5.1351	1.6989	1.6112	37.4345	10.1109	1.51719
13600	5.1436	1.6920	1.6248	37.6323	10.2333	1.53183
13700	5.1518	1.6853	1.6384	37.8277	10.3535	1.54639
13800	5.1599	1.6785	1.6519	38.0213	10.4715	1.56085
13900	5.1679	1.6719	1.6654	38.2150	10.5889	1.57540
14000	5.1756	1.6653	1.6785	38.4044	10.7022	1.58963
14100	5.1832	1.6588	1.6917	38.5930	10.8143	1.60392
14200	5.1907	1.6525	1.7047	38.7793	10.9240	1.61804
14300	5.1979	1.6462	1.7175	38.9635	11.0308	1.63201
14400	5.2050	1.6400	1.7301	39.1447	11.1348	1.64579
14500	5.2120	1.6339	1.7425	39.3231	11.2359	1.65938
14600	5.2187	1.6279	1.7546	39.4987	11.3340	1.67276
14700	5.2254	1.6219	1.7667	39.6733	11.4309	1.68613
14800	5.2318	1.6161	1.7783	39.8433	11.5231	1.69910
14900	5.2382	1.6104	1.7899	40.0120	11.6141	1.71203
15000	5.2444	1.6047	1.8012	40.1780	11.7020	1.72473

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.3420	2.8673	6.2857	13.5756	7.3264	1.00000
400	3.4124	2.8395	5.0001	14.6280	6.4620	1.00000
500	3.4914	2.8136	4.2175	15.7474	6.2006	1.00000
600	3.5473	2.7898	3.6958	16.5021	5.8774	1.00000
700	3.5983	2.7681	3.3228	17.1675	5.6651	1.00000
800	3.6439	2.7480	3.0422	17.8188	5.5054	1.00000
900	3.6847	2.7292	2.8227	18.3290	5.3754	1.00000
1000	3.7215	2.7117	2.6459	18.7838	5.2665	1.00000
1100	3.7556	2.6951	2.5002	19.1947	5.1786	1.00000
1200	3.7872	2.6794	2.3779	19.5699	5.1051	1.00000
1300	3.8166	2.6643	2.2738	19.9144	5.0423	1.00000
1400	3.8442	2.6499	2.1841	20.2342	4.9893	1.00000
1500	3.8701	2.6360	2.1061	20.5321	4.9436	1.00000
1600	3.8946	2.6227	2.0376	20.8106	4.9035	1.00000

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1700	3.9178	2.6097	1.9770	21.0726	4.8685	1.00000
1800	3.9400	2.5972	1.9227	21.3204	4.8386	1.00000
1900	3.9612	2.5850	1.8730	21.5555	4.8129	1.00000
2000	3.9823	2.5731	1.8283	21.7912	4.8006	1.00000
2100	4.0016	2.5615	1.7879	22.0045	4.7798	1.00000
2200	4.0203	2.5503	1.7512	22.2084	4.7626	1.00000
2300	4.0381	2.5393	1.7177	22.4038	4.7461	1.00000
2400	4.0552	2.5286	1.6872	22.5911	4.7314	1.00000
2500	4.0718	2.5181	1.6591	22.7709	4.7189	1.00000
2600	4.0877	2.5079	1.6332	22.9437	4.7068	1.00000
2700	4.1031	2.4979	1.6093	23.1104	4.6956	1.00000
2800	4.1180	2.4882	1.5872	23.2714	4.6864	1.00000
2900	4.1324	2.4786	1.5667	23.4267	4.6774	1.00000
3000	4.1463	2.4693	1.5476	23.5771	4.6690	1.00000
3100	4.1599	2.4601	1.5297	23.7227	4.6621	1.00000
3200	4.1731	2.4511	1.5130	23.8639	4.6551	1.00000
3300	4.1859	2.4423	1.4974	24.0010	4.6491	1.00000
3400	4.1984	2.4337	1.4827	24.1342	4.6442	1.00000
3500	4.2105	2.4252	1.4689	24.2639	4.6388	1.00000
3600	4.2223	2.4169	1.4559	24.3902	4.6347	1.00000
3700	4.2338	2.4087	1.4436	24.5132	4.6302	1.00000
3800	4.2451	2.4007	1.4320	24.6331	4.6273	1.00001
3900	4.2561	2.3928	1.4208	24.7502	4.6242	1.00001
4000	4.2668	2.3850	1.4102	24.8646	4.6211	1.00001
4100	4.2773	2.3774	1.4002	24.9767	4.6190	1.00002
4200	4.2876	2.3699	1.3906	25.0863	4.6172	1.00002
4300	4.2978	2.3625	1.3815	25.1940	4.6168	1.00003
4400	4.3077	2.3552	1.3728	25.2999	4.6161	1.00004
4500	4.3176	2.3481	1.3645	25.4043	4.6172	1.00006
4600	4.3273	2.3411	1.3566	25.5076	4.6187	1.00008
4700	4.3369	2.3341	1.3490	25.6106	4.6220	1.00011
4800	4.3466	2.3273	1.3418	25.7135	4.6276	1.00014
4900	4.3563	2.3206	1.3349	25.8167	4.6356	1.00018
5000	4.3660	2.3140	1.3282	25.9207	4.6455	1.00023
5100	4.3683	2.3167	1.2947	25.9534	4.5786	1.00029
5200	4.3769	2.3100	1.2896	26.0448	4.5806	1.00036
5300	4.3854	2.3034	1.2848	26.1353	4.5832	1.00044
5400	4.3939	2.2968	1.2801	26.2247	4.5863	1.00054
5500	4.4022	2.2904	1.2755	26.3131	4.5899	1.00065
5600	4.4104	2.2841	1.2711	26.4004	4.5939	1.00079
5700	4.4185	2.2778	1.2669	26.4866	4.5982	1.00096
5800	4.4265	2.2717	1.2629	26.5720	4.6029	1.00115
5900	4.4344	2.2656	1.2590	26.6564	4.6081	1.00137
6000	4.4422	2.2596	1.2552	26.7401	4.6137	1.00162
6100	4.4500	2.2536	1.2516	26.8231	4.6198	1.00190
6200	4.4577	2.2478	1.2482	26.9057	4.6267	1.00223
6300	4.4653	2.2419	1.2449	26.9878	4.6342	1.00261
6400	4.4729	2.2362	1.2418	27.0698	4.6426	1.00302
6500	4.4805	2.2305	1.2388	27.1516	4.6518	1.00349
6600	4.4881	2.2249	1.2359	27.2336	4.6622	1.00401
6700	4.4957	2.2193	1.2332	27.3156	4.6736	1.00460
6800	4.5033	2.2137	1.2307	27.3977	4.6861	1.00526
6900	4.5109	2.2082	1.2283	27.4801	4.6995	1.00597
7000	4.5185	2.2028	1.2261	27.5627	4.7139	1.00677
7100	4.5260	2.1973	1.2240	27.6454	4.7292	1.00765

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
7200	4.5336	2.1919	1.2221	27.7284	4.7455	1.00861
7300	4.5412	2.1866	1.2204	27.8119	4.7629	1.00966
7400	4.5488	2.1812	1.2188	27.8960	4.7815	1.01081
7500	4.5564	2.1759	1.2174	27.9806	4.8013	1.01207
7600	4.5641	2.1706	1.2162	28.0660	4.8223	1.01343
7700	4.5718	2.1652	1.2152	28.1522	4.8447	1.01490
7800	4.5795	2.1599	1.2143	28.2395	4.8688	1.01651
7900	4.5873	2.1547	1.2136	28.3280	4.8944	1.01823
8000	4.5952	2.1494	1.2132	28.4179	4.9219	1.02009
8100	4.6032	2.1441	1.2129	28.5095	4.9516	1.02209
8200	4.6113	2.1388	1.2128	28.6027	4.9831	1.02424
8300	4.6195	2.1334	1.2129	28.6975	5.0168	1.02654
8400	4.6278	2.1281	1.2133	28.7940	5.0525	1.02900
8500	4.6362	2.1228	1.2138	28.8923	5.0902	1.03163
8600	4.6446	2.1174	1.2146	28.9924	5.1301	1.03443
8700	4.6532	2.1120	1.2156	29.0943	5.1721	1.03742
8800	4.6619	2.1066	1.2169	29.1982	5.2164	1.04059
8900	4.6706	2.1012	1.2184	29.3039	5.2627	1.04396
9000	4.6794	2.0957	1.2201	29.4118	5.3114	1.04752
9100	4.6884	2.0902	1.2221	29.5218	5.3622	1.05131
9200	4.6974	2.0847	1.2243	29.6339	5.4152	1.05530
9300	4.7065	2.0791	1.2268	29.7481	5.4705	1.05951
9400	4.7157	2.0735	1.2296	29.8644	5.5280	1.06395
9500	4.7250	2.0678	1.2326	29.9829	5.5877	1.06863
9600	4.7343	2.0621	1.2360	30.1032	5.6494	1.07356
9700	4.7437	2.0563	1.2396	30.2260	5.7135	1.07873
9800	4.7532	2.0505	1.2435	30.3513	5.7800	1.08416
9900	4.7627	2.0446	1.2476	30.4793	5.8491	1.08984
10000	4.7724	2.0387	1.2521	30.6101	5.9209	1.09578
10100	4.7822	2.0328	1.2569	30.7442	5.9956	1.10200
10200	4.7931	2.0266	1.2623	30.8903	6.0885	1.10884
10300	4.8030	2.0205	1.2678	31.0297	6.1681	1.11563
10400	4.8129	2.0144	1.2735	31.1718	6.2502	1.12269
10500	4.8229	2.0082	1.2795	31.3155	6.3343	1.13000
10600	4.8330	2.0019	1.2858	31.4637	6.4216	1.13765
10700	4.8430	1.9956	1.2925	31.6134	6.5110	1.14557
10800	4.8531	1.9892	1.2994	31.7667	6.6026	1.15375
10900	4.8633	1.9828	1.3067	31.9224	6.6971	1.16229
11000	4.8735	1.9763	1.3143	32.0807	6.7938	1.17109
11100	4.8837	1.9698	1.3222	32.2414	6.8925	1.18016
11200	4.8940	1.9632	1.3305	32.4048	6.9942	1.18959
11300	4.9041	1.9565	1.3389	32.5701	7.0966	1.19920
11400	4.9144	1.9499	1.3478	32.7380	7.2019	1.20915
11500	4.9246	1.9431	1.3570	32.9100	7.3101	1.21947
11600	4.9348	1.9364	1.3664	33.0821	7.4188	1.22994
11700	4.9450	1.9295	1.3761	33.2582	7.5302	1.24077
11800	4.9551	1.9227	1.3861	33.4354	7.6429	1.25185
11900	4.9653	1.9158	1.3965	33.6157	7.7584	1.26328
12000	4.9754	1.9089	1.4070	33.7963	7.8736	1.27481
12100	4.9854	1.9020	1.4178	33.9798	7.9913	1.28670
12200	4.9954	1.8950	1.4289	34.1647	8.1099	1.29879
12300	5.0053	1.8880	1.4403	34.3524	8.2308	1.31123
12400	5.0151	1.8811	1.4518	34.5395	8.3507	1.32372
12500	5.0249	1.8741	1.4636	34.7292	8.4727	1.33652
12600	5.0346	1.8671	1.4755	34.9197	8.5951	1.34950

LOG P= 3.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
12700	5.0442	1.8601	1.4876	35.1101	8.7175	1.36261
12800	5.0537	1.8531	1.4999	35.3016	8.8400	1.37588
12900	5.0631	1.8461	1.5124	35.4950	8.9639	1.38941
13000	5.0724	1.8392	1.5250	35.6879	9.0876	1.40306
13100	5.0816	1.8322	1.5377	35.8814	9.2106	1.41680
13200	5.0906	1.8254	1.5504	36.0746	9.3331	1.43060
13300	5.0995	1.8185	1.5633	36.2668	9.4548	1.44447
13400	5.1083	1.8117	1.5763	36.4607	9.5771	1.45855
13500	5.1169	1.8049	1.5891	36.6514	9.6965	1.47247
13600	5.1255	1.7982	1.6021	36.8437	9.8165	1.48660
13700	5.1339	1.7915	1.6151	37.0343	9.9350	1.50071
13800	5.1421	1.7849	1.6280	37.2238	10.0518	1.51478
13900	5.1503	1.7783	1.6411	37.4140	10.1686	1.52901
14000	5.1582	1.7718	1.6538	37.6005	10.2821	1.54298
14100	5.1660	1.7653	1.6667	37.7869	10.3950	1.55708
14200	5.1737	1.7589	1.6795	37.9716	10.5058	1.57107
14300	5.1812	1.7526	1.6921	38.1547	10.6145	1.58497
14400	5.1886	1.7464	1.7045	38.3354	10.7209	1.59875
14500	5.1958	1.7403	1.7168	38.5139	10.8248	1.61239
14600	5.2028	1.7343	1.7289	38.6902	10.9264	1.62589
14700	5.2098	1.7283	1.7410	38.8659	11.0271	1.63943
14800	5.2165	1.7224	1.7528	39.0375	11.1235	1.65262
14900	5.2231	1.7166	1.7645	39.2080	11.2191	1.66583
15000	5.2296	1.7109	1.7759	39.3765	11.3121	1.67886

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.4053	2.8913	7.4899	13.2288	8.4759	1.00000
400	3.4679	2.8669	5.9383	14.3134	7.3420	1.00000
500	3.5400	2.8445	4.9748	15.4607	6.9352	1.00000
600	3.5915	2.8239	4.3261	16.2304	6.5071	1.00000
700	3.6389	2.8049	3.8607	16.9079	6.2204	1.00000
800	3.6814	2.7874	3.5103	17.5673	6.0023	1.00000
900	3.7196	2.7709	3.2367	18.0838	5.8257	1.00000
1000	3.7542	2.7554	3.0167	18.5433	5.6784	1.00000
1100	3.7863	2.7407	2.8358	18.9580	5.5581	1.00000
1200	3.8161	2.7268	2.6843	19.3362	5.4570	1.00000
1300	3.8439	2.7134	2.5556	19.6830	5.3700	1.00000
1400	3.8701	2.7005	2.4449	20.0047	5.2959	1.00000
1500	3.8947	2.6881	2.3487	20.3039	5.2313	1.00000
1600	3.9180	2.6761	2.2644	20.5834	5.1745	1.00000
1700	3.9401	2.6644	2.1899	20.8460	5.1242	1.00000
1800	3.9612	2.6531	2.1237	21.0943	5.0804	1.00000
1900	3.9813	2.6421	2.0644	21.3294	5.0414	1.00000
2000	4.0015	2.6314	2.0111	21.5649	5.0170	1.00000
2100	4.0199	2.6209	1.9629	21.7781	4.9853	1.00000
2200	4.0377	2.6107	1.9191	21.9816	4.9581	1.00000
2300	4.0548	2.6007	1.8792	22.1767	4.9325	1.00000
2400	4.0713	2.5909	1.8417	22.3638	4.9099	1.00000
2500	4.0873	2.5813	1.8073	22.5435	4.8902	1.00000
2600	4.1026	2.5719	1.7756	22.7161	4.8714	1.00000
2700	4.1175	2.5626	1.7463	22.8826	4.8539	1.00000
2800	4.1319	2.5536	1.7191	23.0434	4.8389	1.00000
2900	4.1458	2.5447	1.6939	23.1985	4.8244	1.00000

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	4.1593	2.5361	1.6704	23.3487	4.8108	1.00000
3100	4.1725	2.5275	1.6485	23.4941	4.7991	1.00000
3200	4.1853	2.5192	1.6280	23.6351	4.7876	1.00000
3300	4.1977	2.5110	1.6088	23.7721	4.7774	1.00000
3400	4.2099	2.5029	1.5908	23.9051	4.7686	1.00000
3500	4.2216	2.4950	1.5739	24.0347	4.7594	1.00000
3600	4.2332	2.4872	1.5579	24.1607	4.7517	1.00000
3700	4.2443	2.4795	1.5428	24.2835	4.7439	1.00000
3800	4.2554	2.4720	1.5286	24.4033	4.7379	1.00001
3900	4.2661	2.4646	1.5151	24.5202	4.7318	1.00001
4000	4.2765	2.4573	1.5023	24.6344	4.7258	1.00001
4100	4.2868	2.4501	1.4902	24.7463	4.7211	1.00002
4200	4.2969	2.4431	1.4787	24.8558	4.7167	1.00002
4300	4.3069	2.4361	1.4677	24.9633	4.7139	1.00003
4400	4.3166	2.4293	1.4572	25.0691	4.7109	1.00004
4500	4.3262	2.4225	1.4472	25.1733	4.7099	1.00006
4600	4.3357	2.4159	1.4377	25.2765	4.7093	1.00007
4700	4.3452	2.4093	1.4286	25.3794	4.7106	1.00010
4800	4.3547	2.4029	1.4199	25.4821	4.7142	1.00012
4900	4.3642	2.3965	1.4115	25.5853	4.7204	1.00016
5000	4.3737	2.3903	1.4033	25.6891	4.7284	1.00020
5100	4.3745	2.3971	1.3544	25.7142	4.6441	1.00025
5200	4.3830	2.3906	1.3485	25.8059	4.6450	1.00031
5300	4.3914	2.3841	1.3428	25.8966	4.6466	1.00039
5400	4.3997	2.3778	1.3372	25.9860	4.6487	1.00047
5500	4.4079	2.3716	1.3319	26.0745	4.6512	1.00058
5600	4.4160	2.3655	1.3267	26.1617	4.6541	1.00070
5700	4.4240	2.3594	1.3218	26.2478	4.6573	1.00085
5800	4.4319	2.3535	1.3170	26.3330	4.6609	1.00102
5900	4.4397	2.3476	1.3123	26.4173	4.6648	1.00121
6000	4.4474	2.3418	1.3079	26.5007	4.6692	1.00143
6100	4.4550	2.3360	1.3035	26.5833	4.6741	1.00169
6200	4.4626	2.3303	1.2994	26.6653	4.6796	1.00197
6300	4.4701	2.3247	1.2954	26.7469	4.6857	1.00231
6400	4.4776	2.3192	1.2916	26.8282	4.6926	1.00267
6500	4.4850	2.3137	1.2879	26.9092	4.7003	1.00309
6600	4.4925	2.3082	1.2844	26.9904	4.7091	1.00355
6700	4.4999	2.3028	1.2811	27.0714	4.7189	1.00407
6800	4.5073	2.2975	1.2779	27.1524	4.7295	1.00465
6900	4.5147	2.2921	1.2749	27.2335	4.7411	1.00528
7000	4.5221	2.2869	1.2720	27.3147	4.7535	1.00600
7100	4.5295	2.2816	1.2693	27.3958	4.7667	1.00677
7200	4.5368	2.2764	1.2668	27.4771	4.7808	1.00762
7300	4.5442	2.2712	1.2644	27.5589	4.7959	1.00856
7400	4.5516	2.2661	1.2622	27.6409	4.8121	1.00958
7500	4.5589	2.2609	1.2602	27.7233	4.8292	1.01070
7600	4.5663	2.2558	1.2583	27.8063	4.8476	1.01190
7700	4.5738	2.2507	1.2567	27.8900	4.8671	1.01321
7800	4.5812	2.2456	1.2551	27.9746	4.8881	1.01463
7900	4.5888	2.2406	1.2538	28.0602	4.9106	1.01616
8000	4.5964	2.2355	1.2527	28.1469	4.9348	1.01781
8100	4.6040	2.2304	1.2518	28.2351	4.9609	1.01959
8200	4.6118	2.2253	1.2510	28.3247	4.9888	1.02150
8300	4.6197	2.2202	1.2505	28.4158	5.0185	1.02354
8400	4.6276	2.2152	1.2501	28.5082	5.0502	1.02572

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
8500	4.6356	2.2101	1.2500	28.6022	5.0837	1.02805
8600	4.6437	2.2050	1.2501	28.6978	5.1192	1.03055
8700	4.6519	2.1998	1.2504	28.7950	5.1566	1.03320
8800	4.6602	2.1947	1.2509	28.8938	5.1960	1.03601
8900	4.6685	2.1895	1.2517	28.9943	5.2373	1.03901
9000	4.6769	2.1843	1.2526	29.0966	5.2807	1.04218
9100	4.6854	2.1791	1.2538	29.2007	5.3261	1.04554
9200	4.6940	2.1738	1.2553	29.3068	5.3734	1.04908
9300	4.7027	2.1686	1.2570	29.4146	5.4228	1.05283
9400	4.7114	2.1632	1.2589	29.5242	5.4741	1.05678
9500	4.7202	2.1579	1.2611	29.6357	5.5274	1.06094
9600	4.7291	2.1525	1.2636	29.7487	5.5826	1.06533
9700	4.7380	2.1470	1.2663	29.8640	5.6398	1.06993
9800	4.7471	2.1416	1.2693	29.9814	5.6994	1.07477
9900	4.7561	2.1360	1.2726	30.1013	5.7612	1.07983
10000	4.7653	2.1305	1.2761	30.2237	5.8254	1.08512
10100	4.7746	2.1248	1.2800	30.3491	5.8925	1.09066
10200	4.7851	2.1191	1.2844	30.4858	5.9771	1.09676
10300	4.7945	2.1133	1.2888	30.6159	6.0486	1.10282
10400	4.8040	2.1076	1.2935	30.7485	6.1223	1.10912
10500	4.8134	2.1018	1.2984	30.8825	6.1980	1.11565
10600	4.8230	2.0959	1.3037	31.0206	6.2765	1.12249
10700	4.8326	2.0900	1.3093	31.1600	6.3571	1.12958
10800	4.8423	2.0840	1.3151	31.3027	6.4395	1.13690
10900	4.8520	2.0779	1.3213	31.4477	6.5249	1.14455
11000	4.8617	2.0719	1.3278	31.5950	6.6122	1.15244
11100	4.8715	2.0657	1.3345	31.7446	6.7015	1.16059
11200	4.8813	2.0595	1.3416	31.8966	6.7934	1.16905
11300	4.8911	2.0533	1.3488	32.0506	6.8864	1.17770
11400	4.9009	2.0471	1.3565	32.2068	6.9820	1.18666
11500	4.9108	2.0407	1.3644	32.3670	7.0804	1.19597
11600	4.9205	2.0344	1.3726	32.5273	7.1793	1.20542
11700	4.9304	2.0280	1.3811	32.6915	7.2808	1.21521
11800	4.9402	2.0215	1.3899	32.8569	7.3838	1.22525
11900	4.9500	2.0150	1.3990	33.0252	7.4896	1.23562
12000	4.9597	2.0085	1.4082	33.1939	7.5953	1.24640
12100	4.9695	2.0020	1.4178	33.3655	7.7035	1.25692
12200	4.9792	1.9954	1.4276	33.5387	7.8128	1.26796
12300	4.9889	1.9888	1.4378	33.7147	7.9244	1.27934
12400	4.9984	1.9822	1.4480	33.8905	8.0355	1.29079
12500	5.0080	1.9755	1.4586	34.0689	8.1488	1.30256
12600	5.0175	1.9689	1.4693	34.2484	8.2629	1.31452
12700	5.0269	1.9622	1.4803	34.4281	8.3772	1.32665
12800	5.0362	1.9556	1.4914	34.6093	8.4920	1.33894
12900	5.0455	1.9489	1.5028	34.7926	8.6085	1.35152
13000	5.0547	1.9422	1.5143	34.9759	8.7252	1.36425
13100	5.0638	1.9356	1.5259	35.1600	8.8418	1.37710
13200	5.0728	1.9289	1.5377	35.3444	8.9582	1.39007
13300	5.0817	1.9223	1.5495	35.5282	9.0743	1.40313
13400	5.0905	1.9157	1.5616	35.7141	9.1915	1.41644
13500	5.0991	1.9092	1.5735	35.8976	9.3064	1.42966
13600	5.1077	1.9026	1.5857	36.0829	9.4222	1.44310
13700	5.1161	1.8961	1.5979	36.2671	9.5372	1.45658
13800	5.1245	1.8896	1.6101	36.4507	9.6511	1.47009
13900	5.1327	1.8832	1.6225	36.6355	9.7655	1.48380

LOG P= 3.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
14000	5.1408	1.8768	1.6347	36.8173	9.8771	1.49731
14100	5.1487	1.8705	1.6470	36.9995	9.9888	1.51100
14200	5.1566	1.8642	1.6592	37.1807	10.0990	1.52466
14300	5.1643	1.8580	1.6714	37.3609	10.2076	1.53827
14400	5.1718	1.8518	1.6835	37.5392	10.3145	1.55184
14500	5.1792	1.8457	1.6954	37.7159	10.4195	1.56532
14600	5.1865	1.8397	1.7073	37.8908	10.5225	1.57872
14700	5.1937	1.8337	1.7192	38.0659	10.6253	1.59223
14800	5.2006	1.8279	1.7308	38.2372	10.7243	1.60544
14900	5.2075	1.8221	1.7424	38.4080	10.8230	1.61873
15000	5.2143	1.8163	1.7538	38.5773	10.9195	1.63190

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.4726	2.9160	8.8881	12.8561	9.8974	1.00000
400	3.5278	2.8936	7.0436	13.9853	8.4274	1.00000
500	3.5929	2.8741	5.8754	15.1642	7.8336	1.00000
600	3.6400	2.8563	5.0803	15.9531	7.2751	1.00000
700	3.6836	2.8398	4.5069	16.6445	6.8952	1.00000
800	3.7229	2.8245	4.0743	17.3133	6.6046	1.00000
900	3.7584	2.8102	3.7363	17.8369	6.3706	1.00000
1000	3.7907	2.7966	3.4649	18.3016	6.1761	1.00000
1100	3.8207	2.7837	3.2418	18.7204	6.0164	1.00000
1200	3.8487	2.7714	3.0553	19.1017	5.8816	1.00000
1300	3.8748	2.7595	2.8969	19.4509	5.7654	1.00000
1400	3.8994	2.7481	2.7608	19.7745	5.6657	1.00000
1500	3.9226	2.7370	2.6427	20.0751	5.5786	1.00000
1600	3.9446	2.7263	2.5392	20.3557	5.5015	1.00000
1700	3.9655	2.7159	2.4479	20.6190	5.4331	1.00000
1800	3.9855	2.7057	2.3667	20.8678	5.3729	1.00000
1900	4.0046	2.6958	2.2941	21.1032	5.3190	1.00000
2000	4.0238	2.6861	2.2289	21.3389	5.2811	1.00000
2100	4.0413	2.6767	2.1699	21.5521	5.2369	1.00000
2200	4.0583	2.6674	2.1164	21.7555	5.1982	1.00000
2300	4.0746	2.6583	2.0677	21.9505	5.1621	1.00000
2400	4.0903	2.6494	2.0230	22.1372	5.1293	1.00000
2500	4.1055	2.6407	1.9821	22.3165	5.1001	1.00000
2600	4.1202	2.6321	1.9444	22.4886	5.0726	1.00000
2700	4.1344	2.6237	1.9095	22.6547	5.0470	1.00000
2800	4.1483	2.6155	1.8772	22.8150	5.0245	1.00000
2900	4.1616	2.6074	1.8472	22.9697	5.0031	1.00000
3000	4.1746	2.5994	1.8192	23.1196	4.9831	1.00000
3100	4.1873	2.5915	1.7925	23.2647	4.9656	1.00000
3200	4.1996	2.5838	1.7675	23.4054	4.9487	1.00000
3300	4.2117	2.5762	1.7440	23.5422	4.9334	1.00000
3400	4.2234	2.5687	1.7220	23.6750	4.9198	1.00000
3500	4.2348	2.5613	1.7013	23.8044	4.9061	1.00000
3600	4.2460	2.5540	1.6818	23.9303	4.8941	1.00000
3700	4.2568	2.5469	1.6634	24.0529	4.8822	1.00000
3800	4.2675	2.5399	1.6460	24.1725	4.8724	1.00000
3900	4.2779	2.5329	1.6295	24.2893	4.8626	1.00001
4000	4.2881	2.5261	1.6138	24.4033	4.8532	1.00001
4100	4.2981	2.5194	1.5990	24.5150	4.8452	1.00001
4200	4.3079	2.5128	1.5849	24.6244	4.8377	1.00002

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4300	4.3176	2.5062	1.5715	24.7318	4.8320	1.00002
4400	4.3271	2.4998	1.5587	24.8375	4.8261	1.00003
4500	4.3365	2.4935	1.5465	24.9416	4.8224	1.00005
4600	4.3457	2.4872	1.5348	25.0447	4.8192	1.00006
4700	4.3550	2.4811	1.5237	25.1475	4.8181	1.00009
4800	4.3642	2.4750	1.5130	25.2501	4.8193	1.00010
4900	4.3735	2.4690	1.5028	25.3531	4.8232	1.00014
5000	4.3828	2.4631	1.4931	25.4568	4.8291	1.00018
6400	4.4832	2.3999	1.3501	26.5849	4.7531	1.00236
6500	4.4905	2.3945	1.3457	26.6653	4.7593	1.00272
6600	4.4977	2.3893	1.3415	26.7457	4.7665	1.00313
6700	4.5050	2.3841	1.3374	26.8259	4.7746	1.00359
6800	4.5123	2.3789	1.3335	26.9061	4.7835	1.00410
6900	4.5195	2.3738	1.3298	26.9861	4.7933	1.00467
7000	4.5267	2.3687	1.3262	27.0661	4.8038	1.00530
7100	4.5339	2.3637	1.3228	27.1459	4.8150	1.00598
7200	4.5410	2.3587	1.3196	27.2258	4.8270	1.00674
7300	4.5482	2.3537	1.3166	27.3059	4.8399	1.00757
7400	4.5553	2.3487	1.3137	27.3861	4.8537	1.00847
7500	4.5625	2.3438	1.3110	27.4667	4.8685	1.00946
7600	4.5696	2.3389	1.3085	27.5476	4.8843	1.01053
7700	4.5768	2.3340	1.3061	27.6291	4.9011	1.01169
7800	4.5840	2.3291	1.3039	27.7113	4.9194	1.01294
7900	4.5913	2.3242	1.3019	27.7943	4.9389	1.01430
8000	4.5986	2.3194	1.3001	27.8783	4.9599	1.01577
8100	4.6060	2.3145	1.2985	27.9635	4.9828	1.01734
8200	4.6134	2.3097	1.2971	28.0499	5.0073	1.01904
8300	4.6209	2.3048	1.2958	28.1376	5.0335	1.02084
8400	4.6286	2.3000	1.2948	28.2265	5.0614	1.02277
8500	4.6362	2.2951	1.2940	28.3167	5.0911	1.02484
8600	4.6440	2.2902	1.2933	28.4082	5.1225	1.02706
8700	4.6518	2.2854	1.2929	28.5013	5.1556	1.02941
8800	4.6597	2.2805	1.2927	28.5956	5.1906	1.03191
8900	4.6677	2.2756	1.2927	28.6914	5.2273	1.03457
9000	4.6757	2.2706	1.2929	28.7888	5.2658	1.03738
9100	4.6838	2.2657	1.2933	28.8878	5.3063	1.04036
9200	4.6920	2.2607	1.2940	28.9884	5.3484	1.04351
9300	4.7003	2.2557	1.2949	29.0905	5.3924	1.04685
9400	4.7086	2.2507	1.2960	29.1941	5.4381	1.05036
9500	4.7170	2.2456	1.2974	29.2994	5.4857	1.05405
9600	4.7254	2.2405	1.2990	29.4060	5.5347	1.05794
9700	4.7339	2.2354	1.3009	29.5146	5.5858	1.06204
9800	4.7424	2.2303	1.3030	29.6250	5.6389	1.06634
9900	4.7511	2.2251	1.3053	29.7376	5.6941	1.07084
10000	4.7598	2.2198	1.3080	29.8524	5.7515	1.07555
10100	4.7686	2.2145	1.3108	29.9700	5.8115	1.08048
10200	4.7786	2.2091	1.3143	30.0983	5.8887	1.08591
10300	4.7875	2.2037	1.3177	30.2201	5.9526	1.09131
10400	4.7965	2.1983	1.3214	30.3440	6.0188	1.09692
10500	4.8056	2.1929	1.3253	30.4693	6.0867	1.10275
10600	4.8147	2.1874	1.3296	30.5983	6.1572	1.10886
10700	4.8238	2.1818	1.3341	30.7284	6.2296	1.11518
10800	4.8330	2.1762	1.3389	30.8616	6.3038	1.12172
10900	4.8423	2.1706	1.3439	30.9968	6.3806	1.12856
11000	4.8516	2.1649	1.3493	31.1342	6.4593	1.13562

LOG P= 3.9

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
11100	4.8609	2.1591	1.3549	31.2735	6.5398	1.14291
11200	4.8703	2.1534	1.3608	31.4151	6.6229	1.15050
11300	4.8796	2.1475	1.3669	31.5586	6.7070	1.15825
11400	4.8890	2.1417	1.3734	31.7042	6.7936	1.16631
11500	4.8985	2.1357	1.3802	31.8535	6.8827	1.17467
11600	4.9078	2.1298	1.3871	32.0030	6.9725	1.18318
11700	4.9173	2.1238	1.3944	32.1562	7.0648	1.19201
11800	4.9267	2.1177	1.4020	32.3104	7.1587	1.20106
11900	4.9362	2.1116	1.4098	32.4674	7.2551	1.21043
12000	4.9456	2.1056	1.4179	32.6251	7.3517	1.22270
12100	4.9550	2.0994	1.4262	32.7855	7.4507	1.22974
12200	4.9644	2.0932	1.4348	32.9474	7.5509	1.23976
12300	4.9738	2.0870	1.4437	33.1121	7.6534	1.25011
12400	4.9830	2.0808	1.4527	33.2769	7.7557	1.26054
12500	4.9923	2.0745	1.4620	33.4442	7.8602	1.27129
12600	5.0016	2.0682	1.4716	33.6128	7.9656	1.28223
12700	5.0108	2.0619	1.4813	33.7818	8.0717	1.29336
12800	5.0199	2.0556	1.4912	33.9525	8.1784	1.30465
12900	5.0290	2.0493	1.5014	34.1254	8.2870	1.31625
13000	5.0380	2.0430	1.5117	34.2985	8.3962	1.32802
13100	5.0470	2.0366	1.5222	34.4728	8.5055	1.33992
13200	5.0558	2.0303	1.5329	34.6477	8.6150	1.35197
13300	5.0646	2.0240	1.5436	34.8223	8.7246	1.36415
13400	5.0733	2.0177	1.5547	34.9995	8.8357	1.37659
13500	5.0819	2.0114	1.5656	35.1746	8.9448	1.38899
13600	5.0905	2.0051	1.5768	35.3518	9.0555	1.40164
13700	5.0989	1.9988	1.5881	35.5286	9.1656	1.41438
13800	5.1072	1.9926	1.5994	35.7051	9.2753	1.42720
13900	5.1155	1.9863	1.6109	35.8834	9.3858	1.44024
14000	5.1236	1.9801	1.6223	36.0592	9.4941	1.45316
14100	5.1316	1.9740	1.6338	36.2359	9.6030	1.46630
14200	5.1396	1.9678	1.6454	36.4121	9.7110	1.47946
14300	5.1473	1.9618	1.6569	36.5879	9.8177	1.49262
14400	5.1550	1.9557	1.6684	36.7622	9.9233	1.50578
14500	5.1626	1.9498	1.6798	36.9355	10.0276	1.51893
14600	5.1700	1.9438	1.6912	37.1075	10.1302	1.53205
14700	5.1773	1.9379	1.7027	37.2802	10.2334	1.54533
14800	5.1845	1.9321	1.7139	37.4497	10.3330	1.55836
14900	5.1916	1.9264	1.7252	37.6190	10.4328	1.57153
15000	5.1986	1.9207	1.7363	37.7874	10.5309	1.58464

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.5438	2.9420	10.4962	12.4545	11.6598	1.00000
400	3.5920	2.9202	8.3318	13.6419	9.7700	1.00000
500	3.6501	2.9028	6.9343	14.8568	8.9349	1.00000
600	3.6927	2.8873	5.9726	15.6694	8.2130	1.00000
700	3.7325	2.8731	5.2745	16.3770	7.7158	1.00000
800	3.7685	2.8599	4.7463	17.0566	7.3350	1.00000
900	3.8012	2.8474	4.3331	17.5880	7.0297	1.00000
1000	3.8310	2.8356	4.0011	18.0584	6.7768	1.00000
1100	3.8589	2.8243	3.7284	18.4815	6.5685	1.00000
1200	3.8849	2.8135	3.5005	18.8661	6.3925	1.00000
1300	3.9092	2.8031	3.3071	19.2177	6.2407	1.00000

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1400	3.9322	2.7930	3.1410	19.5431	6.1100	1.00000
1500	3.9539	2.7832	2.9969	19.8452	5.9955	1.00000
1600	3.9745	2.7737	2.8706	20.1267	5.8941	1.00000
1700	3.9942	2.7644	2.7592	20.3908	5.8040	1.00000
1800	4.0130	2.7554	2.6602	20.6402	5.7241	1.00000
1900	4.0310	2.7465	2.5717	20.8759	5.6524	1.00000
2000	4.0491	2.7378	2.4921	21.1117	5.5983	1.00000
2100	4.0657	2.7293	2.4202	21.3249	5.5393	1.00000
2200	4.0818	2.7209	2.3550	21.5283	5.4870	1.00000
2300	4.0972	2.7127	2.2956	21.7232	5.4384	1.00000
2400	4.1121	2.7046	2.2412	21.9097	5.3940	1.00000
2500	4.1266	2.6967	2.1913	22.0887	5.3541	1.00000
2600	4.1406	2.6889	2.1454	22.2606	5.3166	1.00000
2700	4.1541	2.6812	2.1029	22.4265	5.2818	1.00000
2800	4.1674	2.6737	2.0636	22.5865	5.2506	1.00000
2900	4.1802	2.6663	2.0271	22.7409	5.2212	1.00000
3000	4.1926	2.6590	1.9931	22.8904	5.1935	1.00000
3100	4.2047	2.6518	1.9614	23.0351	5.1687	1.00000
3200	4.2165	2.6447	1.9318	23.1754	5.1449	1.00000
3300	4.2281	2.6377	1.9040	23.3117	5.1232	1.00000
3400	4.2393	2.6308	1.8779	23.4442	5.1035	1.00000
3500	4.2503	2.6241	1.8533	23.5732	5.0841	1.00000
3600	4.2610	2.6174	1.8301	23.6987	5.0669	1.00000
3700	4.2715	2.6108	1.8083	23.8210	5.0499	1.00000
3800	4.2818	2.6043	1.7876	23.9403	5.0353	1.00000
3900	4.2919	2.5979	1.7678	24.0568	5.0210	1.00001
4000	4.3017	2.5915	1.7488	24.1706	5.0075	1.00001
4100	4.3114	2.5853	1.7308	24.2822	4.9955	1.00001
4200	4.3209	2.5791	1.7136	24.3914	4.9843	1.00002
4300	4.3303	2.5730	1.6973	24.4986	4.9750	1.00002
4400	4.3394	2.5670	1.6817	24.6042	4.9658	1.00003
4500	4.3486	2.5611	1.6668	24.7083	4.9589	1.00004
4600	4.3576	2.5552	1.6526	24.8113	4.9526	1.00005
4700	4.3666	2.5494	1.6390	24.9140	4.9485	1.00008
4800	4.3756	2.5437	1.6261	25.0165	4.9469	1.00009
4900	4.3846	2.5381	1.6136	25.1193	4.9480	1.00012
5000	4.3937	2.5325	1.6017	25.2228	4.9512	1.00016
8100	4.6090	2.3963	1.3539	27.6935	5.0179	1.01531
8200	4.6162	2.3917	1.3518	27.7772	5.0392	1.01681
8300	4.6234	2.3871	1.3498	27.8618	5.0621	1.01841
8400	4.6307	2.3824	1.3480	27.9477	5.0865	1.02012
8500	4.6381	2.3778	1.3465	28.0345	5.1127	1.02195
8600	4.6455	2.3732	1.3451	28.1225	5.1403	1.02391
8700	4.6530	2.3686	1.3439	28.2118	5.1696	1.02600
8800	4.6605	2.3639	1.3429	28.3022	5.2004	1.02821
8900	4.6681	2.3593	1.3422	28.3939	5.2329	1.03057
9000	4.6758	2.3546	1.3416	28.4869	5.2670	1.03306
9100	4.6836	2.3499	1.3413	28.5812	5.3029	1.03571
9200	4.6914	2.3452	1.3411	28.6770	5.3403	1.03850
9300	4.6992	2.3405	1.3412	28.7741	5.3793	1.04146
9400	4.7071	2.3357	1.3416	28.8724	5.4199	1.04457
9500	4.7151	2.3310	1.3421	28.9722	5.4622	1.04785
9600	4.7231	2.3262	1.3429	29.0731	5.5058	1.05131
9700	4.7312	2.3213	1.3439	29.1756	5.5511	1.05495
9800	4.7393	2.3165	1.3451	29.2797	5.5983	1.05876

LOG P= 4.0

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
9900	4.7475	2.3116	1.3466	29.3859	5.6475	1.06276
10000	4.7558	2.3067	1.3483	29.4940	5.6987	1.06695
10100	4.7642	2.3017	1.3503	29.6046	5.7523	1.07133
10200	4.7737	2.2966	1.3528	29.7253	5.8225	1.07616
10300	4.7822	2.2916	1.3552	29.8396	5.8797	1.08096
10400	4.7907	2.2865	1.3580	29.9559	5.9389	1.08595
10500	4.7993	2.2814	1.3609	30.0732	5.9996	1.09115
10600	4.8080	2.2763	1.3642	30.1940	6.0628	1.09659
10700	4.8167	2.2711	1.3677	30.3158	6.1278	1.10222
10800	4.8254	2.2659	1.3714	30.4404	6.1944	1.10805
10900	4.8342	2.2606	1.3754	30.5668	6.2634	1.11415
11000	4.8431	2.2553	1.3797	30.6951	6.3342	1.12046
11100	4.8520	2.2499	1.3842	30.8253	6.4066	1.12697
11200	4.8609	2.2445	1.3890	30.9573	6.4814	1.13375
11300	4.8698	2.2391	1.3940	31.0912	6.5573	1.14068
11400	4.8788	2.2336	1.3993	31.2271	6.6354	1.14790
11500	4.8878	2.2281	1.4049	31.3665	6.7160	1.15540
11600	4.8968	2.2225	1.4107	31.5059	6.7973	1.16302
11700	4.9058	2.2169	1.4169	31.6488	6.8810	1.17095
11800	4.9149	2.2113	1.4232	31.7928	6.9661	1.17909
11900	4.9240	2.2056	1.4299	31.9393	7.0537	1.18754
12000	4.9330	2.1999	1.4367	32.0866	7.1417	1.19609
12100	4.9420	2.1941	1.4438	32.2365	7.2319	1.20495
12200	4.9511	2.1883	1.4511	32.3878	7.3234	1.21401
12300	4.9601	2.1825	1.4588	32.5419	7.4171	1.22338
12400	4.9691	2.1766	1.4666	32.6961	7.5108	1.23284
12500	4.9781	2.1708	1.4747	32.8530	7.6069	1.24261
12600	4.9871	2.1649	1.4830	33.0111	7.7039	1.25257
12700	4.9960	2.1590	1.4915	33.1697	7.8017	1.26272
12800	5.0049	2.1530	1.5002	33.3302	7.9004	1.27304
12900	5.0137	2.1470	1.5092	33.4930	8.0010	1.28368
13000	5.0226	2.1411	1.5183	33.6560	8.1024	1.29448
13100	5.0313	2.1351	1.5276	33.8206	8.2042	1.30544
13200	5.0400	2.1291	1.5371	33.9859	8.3064	1.31655
13300	5.0486	2.1231	1.5467	34.1513	8.4091	1.32782
13400	5.0572	2.1171	1.5566	34.3194	8.5134	1.33937
13500	5.0657	2.1111	1.5665	34.4857	8.6163	1.35090
13600	5.0741	2.1051	1.5766	34.6545	8.7208	1.36271
13700	5.0825	2.0991	1.5868	34.8231	8.8253	1.37463
13800	5.0907	2.0932	1.5971	34.9917	8.9296	1.38665
13900	5.0989	2.0872	1.6076	35.1625	9.0351	1.39893
14000	5.1070	2.0813	1.6180	35.3313	9.1389	1.41113
14100	5.1151	2.0753	1.6287	35.5013	9.2436	1.42358
14200	5.1230	2.0694	1.6394	35.6712	9.3479	1.43610
14300	5.1308	2.0635	1.6501	35.8411	9.4514	1.44866
14400	5.1386	2.0577	1.6608	36.0101	9.5542	1.46127
14500	5.1462	2.0519	1.6715	36.1785	9.6562	1.47392
14600	5.1537	2.0462	1.6821	36.3462	9.7572	1.48658
14700	5.1611	2.0404	1.6930	36.5149	9.8589	1.49946
14800	5.1684	2.0348	1.7036	36.6810	9.9577	1.51214
14900	5.1757	2.0291	1.7143	36.8473	10.0572	1.52502
15000	5.1828	2.0235	1.7249	37.0133	10.1554	1.53789

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
300	3.6186	2.9700	12.3302	12.0209	13.8511	1.00000
400	3.6603	2.9473	9.8187	13.2814	11.4360	1.00000
500	3.7114	2.9313	8.1665	14.5372	10.2893	1.00000
600	3.7495	2.9176	7.0167	15.3786	9.3616	1.00000
700	3.7854	2.9053	6.1766	16.1048	8.7162	1.00000
800	3.8181	2.8939	5.5386	16.7970	8.2223	1.00000
900	3.8479	2.8831	5.0384	17.3371	7.8278	1.00000
1000	3.8752	2.8729	4.6362	17.8135	7.5023	1.00000
1100	3.9008	2.8631	4.3058	18.2410	7.2338	1.00000
1200	3.9247	2.8536	4.0298	18.6289	7.0069	1.00000
1300	3.9472	2.8445	3.7955	18.9829	6.8114	1.00000
1400	3.9685	2.8357	3.5944	19.3101	6.6428	1.00000
1500	3.9887	2.8270	3.4199	19.6135	6.4950	1.00000
1600	4.0079	2.8186	3.2671	19.8960	6.3641	1.00000
1700	4.0262	2.8104	3.1321	20.1608	6.2478	1.00000
1800	4.0437	2.8023	3.0122	20.4106	6.1443	1.00000
1900	4.0606	2.7944	2.9049	20.6466	6.0513	1.00000
2000	4.0776	2.7866	2.8086	20.8825	5.9778	1.00000
2100	4.0932	2.7790	2.7214	21.0957	5.9011	1.00000
2200	4.1083	2.7715	2.6423	21.2991	5.8326	1.00000
2300	4.1228	2.7641	2.5702	21.4937	5.7690	1.00000
2400	4.1369	2.7568	2.5043	21.6801	5.7109	1.00000
2500	4.1506	2.7496	2.4437	21.8589	5.6582	1.00000
2600	4.1639	2.7425	2.3880	22.0305	5.6089	1.00000
2700	4.1767	2.7356	2.3365	22.1961	5.5632	1.00000
2800	4.1892	2.7287	2.2887	22.3558	5.5218	1.00000
2900	4.2014	2.7220	2.2444	22.5099	5.4828	1.00000
3000	4.2132	2.7153	2.2031	22.6591	5.4462	1.00000
3100	4.2248	2.7087	2.1646	22.8036	5.4131	1.00000
3200	4.2360	2.7022	2.1286	22.9435	5.3814	1.00000
3300	4.2470	2.6958	2.0949	23.0796	5.3522	1.00000
3400	4.2578	2.6895	2.0632	23.2118	5.3256	1.00000
3500	4.2683	2.6833	2.0334	23.3405	5.2996	1.00000
3600	4.2786	2.6771	2.0053	23.4658	5.2761	1.00000
3700	4.2886	2.6710	1.9787	23.5879	5.2533	1.00000
3800	4.2985	2.6650	1.9537	23.7069	5.2331	1.00000
3900	4.3082	2.6591	1.9299	23.8232	5.2135	1.00001
4000	4.3176	2.6533	1.9074	23.9367	5.1948	1.00001
4100	4.3269	2.6475	1.8860	24.0480	5.1779	1.00001
4200	4.3361	2.6418	1.8657	24.1569	5.1621	1.00002
4300	4.3451	2.6362	1.8463	24.2639	5.1484	1.00002
4400	4.3540	2.6306	1.8279	24.3693	5.1350	1.00003
4500	4.3628	2.6251	1.8103	24.4732	5.1241	1.00004
4600	4.3715	2.6197	1.7934	24.5761	5.1141	1.00005
4700	4.3802	2.6144	1.7774	24.6785	5.1063	1.00008
4800	4.3889	2.6091	1.7619	24.7807	5.1011	1.00008
4900	4.3977	2.6038	1.7472	24.8833	5.0988	1.00011
5000	4.4064	2.5986	1.7330	24.9866	5.0987	1.00015
9900	4.7455	2.3955	1.3972	29.0438	5.6211	1.05547
10000	4.7533	2.3909	1.3980	29.1460	5.6667	1.05919
10100	4.7613	2.3863	1.3991	29.2504	5.7144	1.06308
10200	4.7704	2.3815	1.4006	29.3644	5.7784	1.06736
10300	4.7785	2.3768	1.4022	29.4720	5.8294	1.07163
10400	4.7866	2.3721	1.4039	29.5815	5.8822	1.07607
10500	4.7947	2.3673	1.4059	29.6917	5.9365	1.08068

LOG P= 4.1

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
10600	4.8029	2.3625	1.4082	29.8052	5.9930	1.08552
10700	4.8112	2.3576	1.4107	29.9194	6.0511	1.09053
10800	4.8195	2.3528	1.4134	30.0363	6.1107	1.09573
10900	4.8279	2.3478	1.4164	30.1548	6.1725	1.10115
11000	4.8363	2.3429	1.4196	30.2749	6.2360	1.10678
11100	4.8447	2.3379	1.4231	30.3968	6.3011	1.11258
11200	4.8532	2.3329	1.4268	30.5203	6.3684	1.11863
11300	4.8617	2.3278	1.4308	30.6456	6.4366	1.12482
11400	4.8703	2.3227	1.4350	30.7726	6.5069	1.13127
11500	4.8789	2.3176	1.4395	30.9028	6.5796	1.13797
11600	4.8875	2.3124	1.4441	31.0331	6.6530	1.14479
11700	4.8961	2.3072	1.4491	31.1667	6.7286	1.15189
11800	4.9047	2.3019	1.4543	31.3012	6.8056	1.15919
11900	4.9134	2.2966	1.4598	31.4381	6.8849	1.16676
12000	4.9221	2.2913	1.4654	31.5757	6.9647	1.16145
12100	4.9308	2.2859	1.4713	31.7158	7.0466	1.18242
12200	4.9394	2.2806	1.4775	31.8573	7.1299	1.19058
12300	4.9482	2.2751	1.4839	32.0014	7.2153	1.19903
12400	4.9568	2.2697	1.4905	32.1458	7.3009	1.20756
12500	4.9655	2.2642	1.4974	32.2928	7.3887	1.21640
12600	4.9741	2.2587	1.5044	32.4409	7.4776	1.22543
12700	4.9827	2.2532	1.5117	32.5895	7.5672	1.23463
12800	4.9913	2.2476	1.5192	32.7402	7.6580	1.24402
12900	4.9999	2.2420	1.5269	32.8932	7.7508	1.25371
13000	5.0085	2.2364	1.5348	33.0465	7.8444	1.26356
13100	5.0170	2.2308	1.5429	33.2015	7.9386	1.27359
13200	5.0255	2.2252	1.5512	33.3574	8.0335	1.28378
13300	5.0339	2.2195	1.5596	33.5136	8.1290	1.29413
13400	5.0423	2.2139	1.5683	33.6725	8.2263	1.30478
13500	5.0506	2.2082	1.5770	33.8299	8.3225	1.31541
13600	5.0589	2.2026	1.5860	33.9902	8.4206	1.32635
13700	5.0671	2.1969	1.5950	34.1502	8.5188	1.33742
13800	5.0753	2.1912	1.6042	34.3108	8.6173	1.34862
13900	5.0834	2.1856	1.6137	34.4737	8.7171	1.36009
14000	5.0914	2.1799	1.6230	34.6351	8.8158	1.37152
14100	5.0994	2.1743	1.6326	34.7977	8.9155	1.38321
14200	5.1073	2.1686	1.6423	34.9608	9.0153	1.39502
14300	5.1151	2.1630	1.6520	35.1243	9.1146	1.40691
14400	5.1228	2.1574	1.6618	35.2872	9.2137	1.41889
14500	5.1304	2.1519	1.6716	35.4498	9.3122	1.43093
14600	5.1380	2.1464	1.6814	35.6122	9.4102	1.44303
14700	5.1455	2.1408	1.6914	35.7759	9.5092	1.45538
14800	5.1528	2.1354	1.7012	35.9375	9.6060	1.46760
14900	5.1601	2.1299	1.7112	36.0997	9.7035	1.48003
15000	5.1673	2.1245	1.7211	36.2618	9.8003	1.49249

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
400	3.7328	2.9754	11.5200	12.9020	13.5119	1.00000
500	3.7768	2.9598	9.5870	14.2040	11.9616	1.00000
600	3.8105	2.9475	8.2268	15.0800	10.7737	1.00000
700	3.8425	2.9367	7.2261	15.8276	9.9398	1.00000
800	3.8717	2.9269	6.4631	16.5340	9.3034	1.00000
900	3.8986	2.9176	5.8635	17.0837	8.7965	1.00000

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1000	3.9233	2.9088	5.3809	17.5667	8.3803	1.00000
1100	3.9465	2.9003	4.9842	17.9987	8.0366	1.00000
1200	3.9683	2.8921	4.6527	18.3898	7.7466	1.00000
1300	3.9888	2.8841	4.3714	18.7461	7.4971	1.00000
1400	4.0084	2.8763	4.1300	19.0750	7.2819	1.00000
1500	4.0269	2.8688	3.9204	19.3796	7.0934	1.00000
1600	4.0446	2.8613	3.7369	19.6629	6.9266	1.00000
1700	4.0616	2.8540	3.5748	19.9282	6.7782	1.00000
1800	4.0778	2.8469	3.4307	20.1783	6.6462	1.00000
1900	4.0935	2.8398	3.3018	20.4145	6.5274	1.00000
2000	4.1093	2.8329	3.1859	20.6505	6.4305	1.00000
2100	4.1238	2.8261	3.0811	20.8636	6.3326	1.00000
2200	4.1379	2.8193	2.9858	21.0668	6.2447	1.00000
2300	4.1515	2.8127	2.8990	21.2613	6.1634	1.00000
2400	4.1647	2.8061	2.8195	21.4474	6.0889	1.00000
2500	4.1776	2.7997	2.7465	21.6259	6.0211	1.00000
2600	4.1901	2.7933	2.6793	21.7973	5.9578	1.00000
2700	4.2021	2.7870	2.6171	21.9625	5.8990	1.00000
2800	4.2140	2.7808	2.5595	22.1220	5.8455	1.00000
2900	4.2255	2.7746	2.5059	22.2758	5.7952	1.00000
3000	4.2366	2.7685	2.4560	22.4247	5.7481	1.00000
3100	4.2476	2.7625	2.4095	22.5689	5.7050	1.00000
3200	4.2583	2.7566	2.3659	22.7086	5.6640	1.00000
3300	4.2687	2.7508	2.3251	22.8444	5.6261	1.00000
3400	4.2790	2.7450	2.2867	22.9763	5.5912	1.00000
3500	4.2889	2.7393	2.2506	23.1048	5.5575	1.00000
3600	4.2988	2.7336	2.2166	23.2298	5.5267	1.00000
3700	4.3083	2.7280	2.1844	23.3517	5.4969	1.00000
3800	4.3178	2.7225	2.1540	23.4705	5.4701	1.00000
3900	4.3270	2.7171	2.1253	23.5866	5.4443	1.00000
4000	4.3360	2.7117	2.0980	23.6999	5.4196	1.00001
4100	4.3450	2.7064	2.0721	23.8110	5.3972	1.00001
4200	4.3537	2.7011	2.0475	23.9198	5.3759	1.00001
4300	4.3624	2.6959	2.0240	24.0267	5.3572	1.00001
4400	4.3709	2.6908	2.0017	24.1319	5.3389	1.00002
4500	4.3794	2.6857	1.9803	24.2358	5.3235	1.00003
4600	4.3878	2.6806	1.9599	24.3385	5.3090	1.00004
4700	4.3961	2.6757	1.9405	24.4408	5.2969	1.00007
4800	4.4045	2.6708	1.9218	24.5429	5.2876	1.00007
4900	4.4129	2.6659	1.9039	24.6453	5.2813	1.00010
5000	4.4214	2.6611	1.8868	24.7483	5.2772	1.00013
11600	4.8800	2.3993	1.4880	30.5817	6.5391	1.12831
11700	4.8882	2.3945	1.4919	30.7069	6.6072	1.13465
11800	4.8964	2.3896	1.4959	30.8327	6.6766	1.14118
11900	4.9047	2.3847	1.5003	30.9609	6.7483	1.14796
12000	4.9130	2.3798	1.5048	31.0898	6.8205	1.11363
12100	4.9213	2.3748	1.5096	31.2209	6.8947	1.16199
12200	4.9296	2.3698	1.5145	31.3534	6.9703	1.16932
12300	4.9380	2.3647	1.5198	31.4883	7.0479	1.17692
12400	4.9463	2.3597	1.5252	31.6236	7.1257	1.18461
12500	4.9546	2.3546	1.5308	31.7614	7.2057	1.19257
12600	4.9629	2.3495	1.5367	31.9003	7.2868	1.20072
12700	4.9712	2.3444	1.5427	32.0396	7.3688	1.20904
12800	4.9795	2.3392	1.5490	32.1810	7.4520	1.21754
12900	4.9878	2.3340	1.5555	32.3247	7.5370	1.22632

LOG P= 4.2

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
13000	4.9961	2.3288	1.5622	32.4687	7.6231	1.23527
13100	5.0043	2.3235	1.5690	32.6145	7.7099	1.24440
13200	5.0125	2.3183	1.5761	32.7614	7.7975	1.25369
13300	5.0207	2.3130	1.5833	32.9086	7.8859	1.26316
13400	5.0289	2.3077	1.5907	33.0586	7.9762	1.27291
13500	5.0370	2.3025	1.5982	33.2074	8.0658	1.28268
13600	5.0451	2.2972	1.6059	33.3592	8.1573	1.29275
13700	5.0531	2.2919	1.6138	33.5108	8.2491	1.30297
13800	5.0611	2.2866	1.6217	33.6633	8.3415	1.31333
13900	5.0691	2.2812	1.6300	33.8182	8.4354	1.32398
14000	5.0770	2.2759	1.6382	33.9720	8.5286	1.33463
14100	5.0849	2.2706	1.6466	34.1271	8.6229	1.34555
14200	5.0927	2.2653	1.6551	34.2831	8.7177	1.35662
14300	5.1004	2.2600	1.6637	34.4398	8.8125	1.36782
14400	5.1081	2.2547	1.6723	34.5963	8.9072	1.37912
14500	5.1157	2.2495	1.6810	34.7529	9.0019	1.39054
14600	5.1232	2.2442	1.6897	34.9098	9.0965	1.40206
14700	5.1307	2.2390	1.6987	35.0682	9.1923	1.41386
14800	5.1381	2.2338	1.7074	35.2250	9.2865	1.42560
14900	5.1455	2.2286	1.7163	35.3828	9.3818	1.43759
15000	5.1528	2.2234	1.7253	35.5410	9.4769	1.44968

LOG P= 4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
500	3.8462	2.9890	11.2107	13.8560	14.0360	1.00000
600	3.8757	2.9775	9.6168	14.7729	12.5177	1.00000
700	3.9036	2.9679	8.4361	15.5447	11.4431	1.00000
800	3.9294	2.9593	7.5321	16.2675	10.6257	1.00000
900	3.9532	2.9513	6.8199	16.8277	9.9767	1.00000
1000	3.9752	2.9437	6.2458	17.3176	9.4459	1.00000
1100	3.9960	2.9363	5.7736	17.7543	9.0081	1.00000
1200	4.0156	2.9292	5.3790	18.1486	8.6391	1.00000
1300	4.0342	2.9222	5.0441	18.5070	8.3226	1.00000
1400	4.0519	2.9154	4.7566	18.8373	8.0496	1.00000
1500	4.0688	2.9088	4.5071	19.1428	7.8109	1.00000
1600	4.0849	2.9022	4.2885	19.4268	7.6000	1.00000
1700	4.1004	2.8957	4.0955	19.6924	7.4126	1.00000
1800	4.1154	2.8894	3.9238	19.9427	7.2457	1.00000
1900	4.1297	2.8831	3.7701	20.1789	7.0956	1.00000
2000	4.1443	2.8769	3.6319	20.4147	6.9706	1.00000
2100	4.1577	2.8708	3.5068	20.6277	6.8471	1.00000
2200	4.1708	2.8648	3.3931	20.8306	6.7358	1.00000
2300	4.1835	2.8589	3.2893	21.0249	6.6332	1.00000
2400	4.1957	2.8530	3.1943	21.2107	6.5391	1.00000
2500	4.2077	2.8471	3.1069	21.3889	6.4532	1.00000
2600	4.2193	2.8414	3.0264	21.5599	6.3732	1.00000
2700	4.2306	2.8357	2.9519	21.7248	6.2989	1.00000
2800	4.2417	2.8300	2.8828	21.8840	6.2310	1.00000
2900	4.2525	2.8245	2.8185	22.0375	6.1673	1.00000
3000	4.2630	2.8190	2.7586	22.1861	6.1076	1.00000
3100	4.2733	2.8135	2.7027	22.3299	6.0528	1.00000
3200	4.2834	2.8081	2.6503	22.4694	6.0007	1.00000
3300	4.2932	2.8028	2.6011	22.6049	5.9525	1.00000
3400	4.3029	2.7975	2.5550	22.7365	5.9079	1.00000

LOG P= 4.3

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3500	4.3123	2.7923	2.5115	22.8648	5.8650	1.00000
3600	4.3216	2.7871	2.4705	22.9896	5.8255	1.00000
3700	4.3307	2.7820	2.4318	23.1113	5.7876	1.00000
3800	4.3397	2.7769	2.3951	23.2299	5.7530	1.00000
3900	4.3484	2.7719	2.3604	23.3458	5.7198	1.00000
4000	4.3570	2.7670	2.3275	23.4590	5.6881	1.00001
4100	4.3655	2.7621	2.2962	23.5699	5.6590	1.00001
4200	4.3739	2.7572	2.2664	23.6786	5.6315	1.00001
4300	4.3822	2.7525	2.2381	23.7853	5.6067	1.00001
4400	4.3903	2.7477	2.2111	23.8905	5.5827	1.00002
4500	4.3984	2.7430	2.1853	23.9943	5.5618	1.00003
4600	4.4064	2.7384	2.1607	24.0970	5.5422	1.00004
4700	4.4144	2.7338	2.1371	24.1992	5.5251	1.00006
4800	4.4225	2.7292	2.1145	24.3011	5.5108	1.00006
4900	4.4305	2.7247	2.0929	24.4033	5.4998	1.00008
5000	4.4386	2.7202	2.0722	24.5060	5.4911	1.00012
13400	5.0172	2.3985	1.6247	32.4775	7.7648	1.24388
13500	5.0251	2.3936	1.6309	32.6182	7.8477	1.25283
13600	5.0330	2.3887	1.6374	32.7617	7.9327	1.26207
13700	5.0408	2.3838	1.6440	32.9054	8.0183	1.27147
13800	5.0486	2.3789	1.6507	33.0500	8.1047	1.28104
13900	5.0564	2.3739	1.6577	33.1973	8.1927	1.29089
14000	5.0642	2.3690	1.6646	33.3437	8.2803	1.30079
14100	5.0719	2.3641	1.6717	33.4917	8.3693	1.31097
14200	5.0796	2.3591	1.6789	33.6407	8.4590	1.32133
14300	5.0873	2.3542	1.6862	33.7909	8.5492	1.33184
14400	5.0949	2.3493	1.6935	33.9412	8.6397	1.34252
14500	5.1024	2.3444	1.7009	34.0920	8.7305	1.35335
14600	5.1099	2.3395	1.7083	34.2435	8.8217	1.36435
14700	5.1174	2.3346	1.7158	34.3969	8.9145	1.37567
14800	5.1248	2.3298	1.7232	34.5493	9.0062	1.38701
14900	5.1322	2.3250	1.7306	34.7033	9.0997	1.39869
15000	5.1396	2.3203	1.7381	34.8584	9.1937	1.41058

LOG P= 4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
700	3.9689	2.9993	9.8196	15.2558	13.2989	1.00000
800	3.9912	2.9917	8.7578	15.9971	12.2506	1.00000
900	4.0119	2.9847	7.9189	16.5688	11.4207	1.00000
1000	4.0312	2.9780	7.2417	17.0661	10.7447	1.00000
1100	4.0495	2.9716	6.6844	17.5076	10.1877	1.00000
1200	4.0668	2.9654	6.2183	17.9048	9.7195	1.00000
1300	4.0833	2.9593	5.8228	18.2651	9.3190	1.00000
1400	4.0991	2.9533	5.4833	18.5965	8.9742	1.00000
1500	4.1143	2.9474	5.1886	18.9026	8.6732	1.00000
1600	4.1288	2.9415	4.9304	19.1869	8.4078	1.00000
1700	4.1428	2.9358	4.7024	19.4526	8.1725	1.00000
1800	4.1564	2.9301	4.4995	19.7028	7.9630	1.00000
1900	4.1694	2.9245	4.3177	19.9388	7.7748	1.00000
2000	4.1827	2.9190	4.1542	20.1744	7.6155	1.00000
2100	4.1950	2.9135	4.0061	20.3870	7.4609	1.00000
2200	4.2070	2.9081	3.8714	20.5896	7.3215	1.00000
2300	4.2186	2.9028	3.7485	20.7835	7.1931	1.00000
2400	4.2300	2.8975	3.6357	20.9689	7.0753	1.00000

LOG P= 4.4

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2500	4.2410	2.8922	3.5320	21.1467	6.9677	1.00000
2600	4.2518	2.8870	3.4364	21.3174	6.8676	1.00000
2700	4.2623	2.8819	3.3478	21.4819	6.7748	1.00000
2800	4.2726	2.8768	3.2655	21.6407	6.6898	1.00000
2900	4.2826	2.8718	3.1890	21.7939	6.6101	1.00000
3000	4.2924	2.8668	3.1177	21.9422	6.5354	1.00000
3100	4.3020	2.8618	3.0509	22.0858	6.4666	1.00000
3200	4.3114	2.8569	2.9884	22.2249	6.4015	1.00000
3300	4.3207	2.8521	2.9297	22.3601	6.3409	1.00000
3400	4.3298	2.8473	2.8746	22.4914	6.2847	1.00000
3500	4.3386	2.8425	2.8226	22.6195	6.2310	1.00000
3600	4.3474	2.8378	2.7735	22.7441	6.1813	1.00000
3700	4.3559	2.8331	2.7271	22.8656	6.1336	1.00000
3800	4.3644	2.8285	2.6832	22.9840	6.0898	1.00000
3900	4.3727	2.8239	2.6416	23.0997	6.0479	1.00000
4000	4.3808	2.8194	2.6021	23.2127	6.0080	1.00001
4100	4.3888	2.8149	2.5645	23.3235	5.9710	1.00001
4200	4.3967	2.8104	2.5288	23.4321	5.9360	1.00001
4300	4.4046	2.8060	2.4947	23.5388	5.9041	1.00001
4400	4.4123	2.8017	2.4622	23.6439	5.8734	1.00002
4500	4.4201	2.7973	2.4312	23.7477	5.8461	1.00003
4600	4.4277	2.7930	2.4016	23.8503	5.8203	1.00003
4700	4.4353	2.7888	2.3732	23.9524	5.7972	1.00006
4800	4.4430	2.7846	2.3460	24.0542	5.7772	1.00005
4900	4.4507	2.7805	2.3200	24.1562	5.7605	1.00007
5000	4.4584	2.7763	2.2950	24.2586	5.7464	1.00011

LOG P= 4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
1300	4.1362	2.9956	6.7169	18.0200	10.5267	1.00000
1400	4.1501	2.9902	6.3191	18.3521	10.0917	1.00000
1500	4.1634	2.9849	5.9736	18.6585	9.7129	1.00000
1600	4.1763	2.9797	5.6710	18.9427	9.3801	1.00000
1700	4.1888	2.9745	5.4037	19.2081	9.0853	1.00000
1800	4.2009	2.9694	5.1657	19.4579	8.8233	1.00000
1900	4.2127	2.9644	4.9525	19.6935	8.5883	1.00000
2000	4.2246	2.9594	4.7605	19.9286	8.3870	1.00000
2100	4.2357	2.9545	4.5866	20.1408	8.1946	1.00000
2200	4.2466	2.9496	4.4284	20.3429	8.0208	1.00000
2300	4.2572	2.9447	4.2838	20.5362	7.8611	1.00000
2400	4.2675	2.9400	4.1512	20.7212	7.7149	1.00000
2500	4.2777	2.9352	4.0290	20.8985	7.5811	1.00000
2600	4.2875	2.9305	3.9163	21.0687	7.4569	1.00000
2700	4.2972	2.9259	3.8118	21.2328	7.3417	1.00000
2800	4.3067	2.9213	3.7147	21.3912	7.2361	1.00000
2900	4.3159	2.9167	3.6243	21.5440	7.1371	1.00000
3000	4.3250	2.9122	3.5399	21.6920	7.0446	1.00000
3100	4.3339	2.9077	3.4610	21.8352	6.9591	1.00000
3200	4.3426	2.9032	3.3869	21.9739	6.8783	1.00000
3300	4.3512	2.8988	3.3174	22.1088	6.8030	1.00000
3400	4.3597	2.8944	3.2519	22.2399	6.7330	1.00000
3500	4.3680	2.8901	3.1902	22.3678	6.6663	1.00000
3600	4.3761	2.8858	3.1319	22.4922	6.6044	1.00000
3700	4.3841	2.8815	3.0768	22.6135	6.5452	1.00000

LOG P= 4.5

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3800	4.3921	2.8773	3.0245	22.7318	6.4904	1.00000
3900	4.3998	2.8731	2.9750	22.8472	6.4382	1.00000
4000	4.4075	2.8690	2.9280	22.9601	6.3884	1.00001
4100	4.4150	2.8649	2.8832	23.0708	6.3421	1.00001
4200	4.4225	2.8608	2.8406	23.1793	6.2983	1.00001
4300	4.4299	2.8568	2.8000	23.2859	6.2581	1.00001
4400	4.4372	2.8527	2.7612	23.3910	6.2192	1.00002
4500	4.4445	2.8488	2.7242	23.4948	6.1844	1.00003
4600	4.4517	2.8449	2.6887	23.5974	6.1513	1.00002
4700	4.4589	2.8410	2.6548	23.6994	6.1212	1.00005
4800	4.4662	2.8371	2.6223	23.8011	6.0943	1.00004
4900	4.4735	2.8333	2.5911	23.9028	6.0709	1.00006
5000	4.4808	2.8295	2.5612	24.0049	6.0504	1.00010

LOG P= 4.6

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
2000	4.2701	2.9984	5.4587	19.6766	9.3129	1.00000
2100	4.2800	2.9939	5.2560	19.8880	9.0741	1.00000
2200	4.2898	2.9894	5.0715	20.0894	8.8584	1.00000
2300	4.2993	2.9850	4.9027	20.2821	8.6606	1.00000
2400	4.3086	2.9806	4.7478	20.4664	8.4796	1.00000
2500	4.3177	2.9763	4.6051	20.6431	8.3139	1.00000
2600	4.3267	2.9721	4.4732	20.8128	8.1605	1.00000
2700	4.3355	2.9678	4.3509	20.9764	8.0184	1.00000
2800	4.3441	2.9636	4.2372	21.1343	7.8877	1.00000
2900	4.3526	2.9595	4.1312	21.2867	7.7655	1.00000
3000	4.3609	2.9554	4.0322	21.4343	7.6515	1.00000
3100	4.3691	2.9513	3.9395	21.5771	7.5459	1.00000
3200	4.3771	2.9472	3.8525	21.7156	7.4463	1.00000
3300	4.3850	2.9432	3.7707	21.8502	7.3534	1.00000
3400	4.3928	2.9392	3.6937	21.9809	7.2669	1.00000
3500	4.4005	2.9353	3.6210	22.1086	7.1847	1.00000
3600	4.4081	2.9314	3.5523	22.2328	7.1082	1.00000
3700	4.4155	2.9275	3.4873	22.3539	7.0351	1.00000
3800	4.4228	2.9236	3.4256	22.4720	6.9673	1.00000
3900	4.4301	2.9198	3.3671	22.5872	6.9026	1.00000
4000	4.4372	2.9160	3.3115	22.7000	6.8411	1.00001
4100	4.4443	2.9123	3.2585	22.8106	6.7838	1.00001
4200	4.4512	2.9085	3.2081	22.9189	6.7294	1.00000
4300	4.4582	2.9049	3.1600	23.0255	6.6790	1.00001
4400	4.4650	2.9012	3.1140	23.1306	6.6308	1.00001
4500	4.4719	2.8975	3.0701	23.2344	6.5868	1.00002
4600	4.4787	2.8939	3.0281	23.3371	6.5450	1.00002
4700	4.4854	2.8904	2.9878	23.4391	6.5065	1.00005
4800	4.4923	2.8868	2.9492	23.5405	6.4715	1.00004
4900	4.4991	2.8833	2.9121	23.6420	6.4403	1.00005
5000	4.5060	2.8798	2.8766	23.7438	6.4122	1.00010

LOG P= 4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3000	4.4002	2.9966	4.6013	21.1681	8.3768	1.00000
3100	4.4077	2.9929	4.4932	21.3106	8.2469	1.00000
3200	4.4150	2.9892	4.3918	21.4486	8.1246	1.00000

LOG P= 4.7

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
3300	4.4222	2.9855	4.2963	21.5829	8.0104	1.00000
3400	4.4293	2.9819	4.2063	21.7133	7.9040	1.00000
3500	4.4363	2.9783	4.1213	21.8408	7.8031	1.00000
3600	4.4433	2.9747	4.0410	21.9648	7.7089	1.00000
3700	4.4501	2.9711	3.9648	22.0857	7.6192	1.00000
3800	4.4569	2.9676	3.8926	22.2035	7.5357	1.00000
3900	4.4636	2.9641	3.8240	22.3186	7.4561	1.00000
4000	4.4701	2.9607	3.7588	22.4313	7.3806	1.00001
4100	4.4767	2.9573	3.6967	22.5417	7.3099	1.00001
4200	4.4832	2.9538	3.6374	22.6500	7.2428	1.00001
4300	4.4896	2.9505	3.5809	22.7565	7.1804	1.00001
4400	4.4960	2.9471	3.5268	22.8617	7.1208	1.00001
4500	4.5024	2.9438	3.4752	22.9655	7.0659	1.00002
4600	4.5087	2.9405	3.4256	23.0683	7.0138	1.00001
4700	4.5150	2.9372	3.3782	23.1702	6.9653	1.00005
4800	4.5214	2.9340	3.3327	23.2715	6.9205	1.00003
4900	4.5278	2.9307	3.2890	23.3726	6.8800	1.00005
5000	4.5342	2.9275	3.2471	23.4741	6.8426	1.00009

LOG P= 4.8

T	LOG H/R	LOG RHO	Z	S/R	H/RT	Z*
4100	4.5125	3.0000	4.2038	22.2631	7.9379	1.00001
4200	4.5184	2.9969	4.1347	22.3713	7.8556	1.00001
4300	4.5244	2.9938	4.0688	22.4778	7.7787	1.00001
4400	4.5302	2.9907	4.0057	22.5830	7.7053	1.00001
4500	4.5362	2.9877	3.9453	22.6870	7.6375	1.00002
4600	4.5420	2.9846	3.8874	22.7898	7.5727	1.00001
4700	4.5479	2.9816	3.8320	22.8916	7.5122	1.00005
4800	4.5537	2.9787	3.7787	22.9927	7.4558	1.00003
4900	4.5597	2.9757	3.7277	23.0935	7.4038	1.00004
5000	4.5656	2.9728	3.6786	23.1945	7.3555	1.00008

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13. ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from a log P of -7.4 to 4.8 and from a temperature of 100 to 15,000°K, where P is pressure in atmospheres. These data are tabulated at constant pressure with temperature incremented. The dependent parameters are log H/R, log ρ, Z, S/R, H/RT, and Z*. Several sources were used in assembling the data.

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