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Tables of Inviscid Supersonic Flow About Circular Cones at Incidence $\gamma = 1{\cdot}4$

by
D. J. Jones

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PART III

NORTH ATLANTIC TREATY ORGANIZATION

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ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT

(ORGANISATION DU TRAITE DE L'ATLANTIQUE NORD)

TABLES OF INVISCID SUPERSONIC FLOW ABOUT CIRCULAR CONES AT INCIDENCE, $\gamma = 1.4$

by

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PART III

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SUMMARY

Parts I and II of AGARDograph 137 were published in November 1969. The present report is Part III of the AGARDograph and provides tabulated results for half cone angles of 45, 47.5, 50, 52.5, 55 and 57 degrees with Mach numbers ranging from 3 to 20.

SOMMAIRE

On a publie Volumes I et II d' AGARDograph 137 en November 1969. Le present Volume numero III contient les resultats tabules pour les cones dont les demi-angles au sommet sont 45, 47.5, 50, 52.5, 55, et 57 degres et pour des nombres de Mach de 3 a 20.

CONTENTS

PART III

TABLES

The symbols used in Part III are the same as those used in Parts I and II and for the convenience of the reader they are reproduced in this Part also. (See pages v and vi.)

Symbols

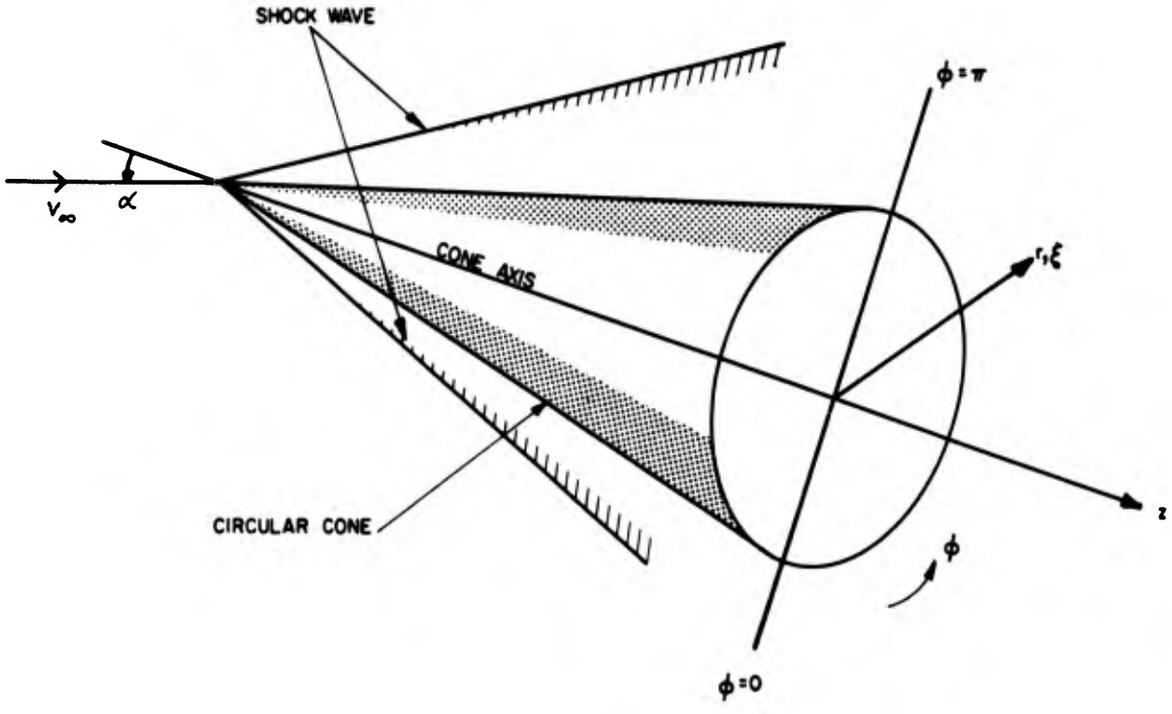
a	speed of sound
C_A	axial force coefficient $= \frac{1}{\pi}\int_0^{\pi} C_p \, d\phi$
C_N	normal force coefficient $= \frac{1}{\pi \tan \theta_c}\int_0^{\pi} C_p \cos\phi \, d\phi$
C_p	pressure coefficient $\frac{p - p_\infty}{\frac{1}{2}\rho_\infty V_\infty^2}$
$F(\phi)$	tangent of shock wave angle $(= \tan \theta_s)$
G	tangent of half cone angle $(= \tan \theta_c)$
K_o	crossflow parameter $= \left[\frac{2}{3} \frac{\partial w}{\partial \phi} \Big/ u \sin\theta_c\right]_{\phi = 0^\circ}$ taken at the surface.
K_π	crossflow parameter $\left[\frac{\partial w}{\partial \phi} \Big/ u \sin\theta_c\right]_{\phi = \pi}$ using isentropic surface values.
M	free stream Mach number.
p	pressure
$p_{\phi\phi}$	second derivative of pressure with respect to ϕ.
r	cylindrical coordinate taken normal to the cone axis.
(R, θ, ϕ)	spherical coordinate system with origin at the apex of the circular cone and initial line along the axis of the cone.
u, v, w	velocity components in the spherical coordinate system (R, θ, ϕ)
V_∞	free stream velocity.
(z, r, ϕ)	cylindrical coordinate system with z along the cone axis.
α	angle of incidence.
β	$\sqrt{M^2 - 1}$
γ	ratio of specific heats, taken as 1.4 for the present tables.
θ_c	half cone angle.
θ_s	angle which the shock wave makes with the axis of the circular cone at the appropriate value of circumferential angle ϕ.
ξ	non-dimensional distance between body and shock. $\xi = \frac{r - G}{F(\phi) - G}$ at unit distance along the cone axis, so that $\xi = 0$ corresponds to the surface of the circular cone while $\xi = 1$ corresponds to the shock wave.
ϕ	circumferential angle; $\phi = 0^\circ$ is the windward plane of symmetry.
ρ	density.

Subscripts

∞	free stream conditions.
c	at the cone surface.

Coding for Use with Flow Field Tables

Table	Symbol (see page v for explanation)
M	M
THC	θ_c (degrees)
ALPHA/THC	α/θ_c
GAMMA	γ
BETA*SIN(THC)	$\beta \sin \theta_c$
PHI	ϕ
XI	ξ
U, V, W	u/a_∞, v/a_∞, w/a_∞.
A	a/a_∞
P	$p/(\frac{1}{2} \rho_\infty V_\infty^2 \sin^2 \theta_c)$
RHO	ρ/ρ_∞
THS/THC	θ_s/θ_c



CO-ORDINATE SYSTEM

1.0 INTRODUCTION TO PART III

This part of AGARDograph 137 presents the results for θ_c = 45, 47.5, 50, 52.5, 55 and 57 with Mach numbers 20, 15, 10... down to shock detachment. Relative incidences 0, 0.01, 0.05, 0.1.... are calculated up to the values indicated in Table 1. At the next highest relative incidence to those indicated in Table 1 the flow is subsonic behind the shock at the windward plane of symmetry (this being very close to the condition for shock detachment). The flow is conically subsonic for all cases in this Part.

The quantities C_A, C_N, K_Q and K_π are tabulated in Tables 2, 3, 4 and 5 respectively. Then follow the flow field quantities.

2.0 DISCREPANCIES IN FIGS.2, 4 and FIGS.3, 5 OF PART I.

The discrepancies in the onset of adverse pressure and entropy singularity lift off shown in Figs.2, 4 and Figs.3, 5 of Part I result from inaccuracies in w_ϕ and $p_{\phi\phi}$. These two quantities should be related by the formula

$$w_\phi^2 + u \sin\theta_c \, w_\phi + \frac{p_{\phi\phi}}{\rho} = 0 \qquad (1)$$

(spherical components) on the surface at $\phi = \pi$ obtained by differentiating equation (9c) of reference 1. Equation (1) is not used explicitly in the numerical calculation of the surface quantities so the accuracy of this formula may be used as an indication of the accuracy with which w_ϕ and $p_{\phi\phi}$ are obtained.

The second derivative $p_{\phi\phi}$ calculated from a Fourier series fit, will have less accuracy than p itself. Also, w_ϕ, since w appears to be the least accurate of the flow field quantities, may have an appreciable error. The only apparent way to obtain greater accuracy would be to use smaller step sizes in the ξ and especially the ϕ directions. However the method of lines technique used in the solution becomes unstable with smaller $\delta\phi$ (reference 2) and so we cannot obtain significantly better results by this method.

As mentioned in Part I Section 5.0, w appears to be accurate to within 5% for relative incidences up to about unity. Thus the error in w_ϕ and hence in K_τ can be as much as 5% and perhaps higher.

3.0 REFERENCES

1. Jones, D.J. Numerical Solutions of the Flow Field for Conical Bodies in a Supersonic Stream. National Research Council of Canada LR-507, July 1968.

2. Jones, D.J. South, J.C. Klunker, E.B. On the Numerical Solution of Elliptic Partial Differential Equations by the Method of Lines. Journal of Computational Physics. To be published.

TABLE 1. Values of Relative Incidence α/θ_c up to which Results are Presented in Part III.

θ_c \ M	3	4	5	6	7	8	10	15	20
45	0.05	0.15	0.2	0.25	0.25	0.25	0.25	0.3	0.3
47.5	0.0	0.1	0.15	0.15	0.15	0.15	0.2	0.2	0.2
50		0.01	0.05	0.1	0.1	0.1	0.1	0.15	0.15
52.5		0.0	0.0	0.01	0.05	0.05	0.05	0.05	0.05
55				0.0	0.0	0.0	0.0	0.01	0.01
57								0.0	0.0

TABLE 2. AXIAL FORCE COEFFICIENTS: C_A

M		3	4	5	6	7	8	10	15	20
θ_c	α/θ_c									
45	0	1.1480	1.1011	1.0835	1.0747	1.0695	1.0663	1.0625	1.0589	1.0576
	0.01	1.1479	1.1011	1.0834	1.0746	1.0694	1.0662	1.0624	1.0588	1.0575
	0.05	1.1468	1.0996	1.0820	1.0731	1.0679	1.0647	1.0609	1.0573	1.0560
	0.1		1.0952	1.0774	1.0684	1.0633	1.0600	1.0562	1.0525	1.0513
	0.15		1.0879	1.0698	1.0608	1.0555	1.0522	1.0484	1.0447	1.0434
	0.2			1.0594	1.0501	1.0448	1.0414	1.0375	1.0337	1.0324
	0.25				1.0367	1.0312	1.0278	1.0238	1.0199	1.0186
	0.3								1.0034	1.0020
47.5	0	1.2694	1.2040	1.1827	1.1723	1.1664	1.1627	1.1585	1.1544	1.1530
	0.01		1.2039	1.1826	1.1722	1.1663	1.1626	1.1584	1.1543	1.1529
	0.05		1.2022	1.1807	1.1704	1.1644	1.1607	1.1564	1.1523	1.1509
	0.10		1.1969	1.1750	1.1644	1.1585	1.1547	1.1504	1.1463	1.1448
	0.15			1.1655	1.1547	1.1486	1.1448	1.1404	1.1362	1.1347
	0.20							1.1265	1.1222	1.1207
50	0		1.3146	1.2857	1.2727	1.2655	1.2611	1.2560	1.2512	1.2496
	0.01		1.3144	1.2856	1.2726	1.2654	1.2609	1.2559	1.2511	1.2495
	0.05			1.2835	1.2703	1.2631	1.2586	1.2535	1.2487	1.2471
	0.10				1.2633	1.2558	1.2512	1.2461	1.2412	1.2395
	0.15								1.2287	1.2270
52.5	0		1.4593	1.3982	1.3788	1.3689	1.3630	1.3564	1.3503	1.3483
	0.01				1.3787	1.3688	1.3629	1.3563	1.3502	1.3481
	0.05					1.3663	1.3602	1.3536	1.3474	1.3453
55	0				1.5108	1.4875	1.4763	1.4652	1.4558	1.4527
	0.01								1.4557	1.4526
57	0								1.5639	1.5556

TABLE 3. NORMAL FORCE COEFFICIENT: C_N

M		3	4	5	6	7	8	10	15	20
θ_c	α/θ_c									
45	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01	0.0078	0.0078	0.0078	0.0078	0.0079	0.0079	0.0079	0.0079	0.0079
	0.05	0.0388	0.0389	0.0391	0.0392	0.0393	0.0393	0.0394	0.0395	0.0395
	0.1		0.0776	0.0779	0.0782	0.0783	0.0784	0.0786	0.0787	0.0787
	0.15		0.1158	0.1163	0.1167	0.1169	0.1171	0.1173	0.1175	0.1175
	0.2			0.1541	0.1545	0.1548	0.1550	0.1553	0.1556	0.1557
	0.25				0.1916	0.1919	0.1922	0.1925	0.1928	0.1929
	0.3								0.2290	0.2291
47.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076	0.0076
	0.05		0.0377	0.0378	0.0379	0.0379	0.0380	0.0380	0.0380	0.0381
	0.10		0.0753	0.0753	0.0755	0.0756	0.0756	0.0757	0.0758	0.0759
	0.15			0.1125	0.1127	0.1128	0.1129	0.1130	0.1131	0.1132
	0.20							0.1496	0.1498	0.1499
50	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0074	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073
	0.05			0.0364	0.0363	0.0363	0.0363	0.0363	0.0363	0.0363
	0.1				0.0725	0.0724	0.0724	0.0724	0.0724	0.0725
	0.15								0.1081	0.1082
52.5	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01				0.0070	0.0069	0.0069	0.0069	0.0069	0.0069
	0.05					0.0347	0.0347	0.0346	0.0345	0.0345
55	0				0.0	0.0	0.0	0.0	0.0	0.0
	0.01								0.0066	0.0066

TABLE 4. CROSSFLOW PARAMETER: K_o

M		3	4	5	6	7	8	10	15	20
θ_c	α/θ_c									
45	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01	0.0098	0.0071	0.0061	0.0055	0.0052	0.0050	0.0047	0.0045	0.0044
	0.05	0.0546	0.0393	0.0335	0.0306	0.0288	0.0277	0.0264	0.0251	0.0247
	0.1		0.0888	0.0759	0.0694	0.0656	0.0632	0.0604	0.0577	0.0567
	0.15		0.1518	0.1296	0.1186	0.1123	0.1083	0.1036	0.0991	0.0975
	0.2			0.1980	0.1811	0.1715	0.1654	0.1585	0.1517	0.1494
	0.25				0.2619	0.2477	0.2388	0.2287	0.2190	0.2157
	0.3								0.3068	0.3021
47.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0082	0.0068	0.0062	0.0058	0.0056	0.0053	0.0050	0.0049
	0.05		0.0465	0.0388	0.0351	0.0330	0.0317	0.0302	0.0287	0.0282
	0.10		0.1096	0.0909	0.0823	0.0774	0.0743	0.0708	0.0675	0.0663
	0.15			0.1616	0.1457	0.1369	0.1314	0.1253	0.1194	0.1174
	0.20							0.1989	0.1894	0.1862
50	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0101	0.0081	0.0072	0.0068	0.0065	0.0061	0.0058	0.0057
	0.05			0.0478	0.0424	0.0395	0.0378	0.0358	0.0339	0.0333
	0.10				0.1044	0.0969	0.0924	0.0874	0.0828	0.0812
	0.15								0.1535	0.1505
52.5	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01				0.0092	0.0084	0.0079	0.0074	0.0070	0.0068
	0.05					0.0517	0.0487	0.0455	0.0426	0.0416
55	0				0.0	0.0	0.0	0.0	0.0	0.0
	0.01								0.0093	0.0091

TABLE 5. CROSSFLOW PARAMETER: $-K_{\pi}$

M		3	4	5	6	7	8	10	15	20
θ_c	α/θ_c									
45	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01	0.0097	0.0070	0.0060	0.0055	0.0051	0.0049	0.0047	0.0045	0.0044
	0.05	0.0505	0.0372	0.0320	0.0293	0.0277	0.0267	0.0255	0.0243	0.0239
	0.1		0.0795	0.0692	0.0639	0.0607	0.0587	0.0563	0.0539	0.0531
	0.15		0.1273	0.1120	0.1040	0.0993	0.0962	0.0927	0.0892	0.0879
	0.2			0.1609	0.1503	0.1440	0.1400	0.1353	0.1306	0.1290
	0.25				0.2043	0.1963	0.1912	0.1852	0.1794	0.1774
	0.3								0.2378	0.2352
47.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0081	0.0068	0.0061	0.0058	0.0055	0.0053	0.0050	0.0049
	0.05		0.0428	0.0362	0.0330	0.0312	0.0300	0.0286	0.0273	0.0268
	0.10		0.0922	0.0788	0.0723	0.0685	0.0662	0.0634	0.0607	0.0598
	0.15			0.1281	0.1182	0.1125	0.1089	0.1048	0.1007	0.0993
	0.20							0.1533	0.1479	0.1460
50	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01		0.0100	0.0080	0.0071	0.0067	0.0064	0.0060	0.0057	0.0056
	0.05			0.0431	0.0387	0.0363	0.0348	0.0331	0.0315	0.0309
	0.1				0.0855	0.0805	0.0774	0.0738	0.0705	0.0693
	0.15								0.1176	0.1159
52.5	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.01				0.0089	0.0082	0.0077	0.0073	0.0069	0.0067
	0.05					0.0452	0.0429	0.0404	0.0381	0.0373
55	0				0.0	0.0	0.0	0.0	0.0	0.0
	0.01								0.0090	0.0088

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M= 3.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 2.0000

XI		PHI 0.0
	U	1.6328
	V	0.0000
	W	0.0
-0.000	A	1.5056
	RHO	3.6318
	P	2.6135
	U	1.6327
	V	-0.0272
	W	0.0
0.025	A	1.5056
	RHO	3.6315
	P	2.6132
	U	1.6324
	V	-0.0537
	W	0.0
0.050	A	1.5055
	RHO	3.6306
	P	2.6123
	U	1.6311
	V	-0.1048
	W	0.0
0.100	A	1.5052
	RHO	3.6274
	P	2.6091
	U	1.6265
	V	-0.2004
	W	0.0
0.200	A	1.5043
	RHO	3.6163
	P	2.5978
	U	1.6195
	V	-0.2880
	W	0.0
0.300	A	1.5029
	RHO	3.6001
	P	2.5816
	U	1.6107
	V	-0.3689
	W	0.0
0.400	A	1.5013
	RHO	3.5804
	P	2.5618
	U	1.6006
	V	-0.4439
	W	0.0
0.500	A	1.4994
	RHO	3.5579
	P	2.5393
	U	1.5894
	V	-0.5138
	W	0.0
0.600	A	1.4973
	RHO	3.5333
	P	2.5148
	U	1.5774
	V	-0.5791
	W	0.0
0.700	A	1.4951
	RHO	3.5071
	P	2.4887
	U	1.5648
	V	-0.6404
	W	0.0
0.800	A	1.4927
	RHO	3.4795
	P	2.4614
	U	1.5518
	V	-0.6982
	W	0.0
0.900	A	1.4903
	RHO	3.4508
	P	2.4330
	U	1.5385
	V	-0.7528
	W	0.0
1.000	A	1.4877
	RHO	3.4211
	P	2.4037
THS/THC		1.3144

M= 3.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 2.0000

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.6093	1.6102	1.6127	1.6166	1.6212	1.6257	1.6296	1.6322	1.6331
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0064	0.0119	0.0155	0.0168	0.0155	0.0119	0.0064	0.0000
0.0	A	1.5106	1.5105	1.5099	1.5091	1.5081	1.5071	1.5063	1.5057	1.5055
	RHO	3.6503	3.6480	3.6412	3.6312	3.6194	3.6077	3.5978	3.5912	3.5889
	P	2.6445	2.6421	2.6353	2.6252	2.6132	2.6014	2.5914	2.5848	2.5824
	U	1.6091	1.6109	1.6159	1.6234	1.6323	1.6413	1.6490	1.6541	1.6559
	V	-0.0272	-0.0272	-0.0272	-0.0272	-0.0272	-0.0271	-0.0271	-0.0271	-0.0271
	W	0.0	0.0074	0.0137	0.0179	0.0194	0.0179	0.0137	0.0074	0.0000
0.025	A	1.5106	1.5102	1.5092	1.5075	1.5056	1.5037	1.5020	1.5009	1.5005
	RHO	3.6500	3.6485	3.6443	3.6381	3.6309	3.6238	3.6179	3.6141	3.6127
	P	2.6442	2.6418	2.6350	2.6249	2.6129	2.6011	2.5911	2.5845	2.5821
	U	1.6088	1.6106	1.6156	1.6231	1.6320	1.6410	1.6487	1.6538	1.6556
	V	-0.0538	-0.0538	-0.0538	-0.0537	-0.0537	-0.0536	-0.0536	-0.0536	-0.0536
	W	0.0	0.0078	0.0144	0.0188	0.0204	0.0188	0.0144	0.0078	0.0000
0.050	A	1.5105	1.5102	1.5091	1.5075	1.5055	1.5036	1.5019	1.5008	1.5004
	RHO	3.6492	3.6477	3.6435	3.6373	3.6301	3.6230	3.6171	3.6132	3.6119
	P	2.6434	2.6410	2.6342	2.6240	2.6121	2.6003	2.5903	2.5836	2.5813
	U	1.6075	1.6093	1.6143	1.6219	1.6308	1.6398	1.6474	1.6525	1.6543
	V	-0.1051	-0.1051	-0.1050	-0.1049	-0.1048	-0.1047	-0.1047	-0.1046	-0.1046
	W	0.0	0.0083	0.0153	0.0200	0.0217	0.0200	0.0154	0.0083	0.0000
0.100	A	1.5103	1.5099	1.5088	1.5072	1.5053	1.5033	1.5016	1.5005	1.5001
	RHO	3.6460	3.6445	3.6404	3.6342	3.6270	3.6199	3.6140	3.6101	3.6087
	P	2.6401	2.6377	2.6309	2.6208	2.6089	2.5971	2.5871	2.5805	2.5782
	U	1.6028	1.6046	1.6097	1.6172	1.6262	1.6352	1.6428	1.6479	1.6497
	V	-0.2008	-0.2008	-0.2007	-0.2006	-0.2004	-0.2002	-0.2001	-0.2000	-0.1999
	W	0.0	0.0089	0.0164	0.0214	0.0232	0.0215	0.0165	0.0089	0.0000
0.200	A	1.5093	1.5090	1.5079	1.5062	1.5043	1.5024	1.5007	1.4996	1.4992
	RHO	3.6346	3.6332	3.6291	3.6230	3.6159	3.6089	3.6030	3.5991	3.5977
	P	2.6286	2.6263	2.6195	2.6095	2.5977	2.5859	2.5760	2.5694	2.5671
	U	1.5958	1.5976	1.6027	1.6103	1.6193	1.6283	1.6359	1.6410	1.6428
	V	-0.2887	-0.2886	-0.2885	-0.2883	-0.2881	-0.2878	-0.2876	-0.2875	-0.2874
	W	0.0	0.0092	0.0171	0.0223	0.0242	0.0224	0.0172	0.0093	0.0000
0.300	A	1.5080	1.5076	1.5065	1.5049	1.5030	1.5010	1.4994	1.4983	1.4979
	RHO	3.6183	3.6169	3.6129	3.6069	3.5999	3.5929	3.5870	3.5831	3.5818
	P	2.6121	2.6097	2.6031	2.5932	2.5815	2.5699	2.5601	2.5535	2.5512
	U	1.5870	1.5887	1.5938	1.6015	1.6105	1.6195	1.6272	1.6323	1.6341
	V	-0.3697	-0.3696	-0.3695	-0.3692	-0.3690	-0.3687	-0.3685	-0.3683	-0.3682
	W	0.0	0.0095	0.0175	0.0229	0.0249	0.0230	0.0177	0.0096	0.0000
0.400	A	1.5063	1.5059	1.5048	1.5032	1.5013	1.4994	1.4977	1.4966	1.4963
	RHO	3.5983	3.5969	3.5930	3.5871	3.5802	3.5733	3.5675	3.5636	3.5622
	P	2.5919	2.5896	2.5830	2.5732	2.5617	2.5502	2.5405	2.5341	2.5318
	U	1.5767	1.5785	1.5836	1.5913	1.6003	1.6094	1.6171	1.6223	1.6241
	V	-0.4447	-0.4447	-0.4445	-0.4443	-0.4440	-0.4437	-0.4434	-0.4432	-0.4432
	W	0.0	0.0097	0.0179	0.0234	0.0254	0.0235	0.0180	0.0098	0.0000
0.500	A	1.5044	1.5040	1.5029	1.5013	1.4994	1.4975	1.4959	1.4948	1.4944
	RHO	3.5755	3.5742	3.5703	3.5645	3.5577	3.5509	3.5452	3.5414	3.5400
	P	2.5690	2.5667	2.5602	2.5506	2.5392	2.5279	2.5183	2.5119	2.5097
	U	1.5654	1.5672	1.5724	1.5800	1.5891	1.5982	1.6059	1.6111	1.6129
	V	-0.5146	-0.5145	-0.5144	-0.5141	-0.5138	-0.5135	-0.5133	-0.5131	-0.5130
	W	0.0	0.0098	0.0182	0.0238	0.0258	0.0239	0.0183	0.0099	0.0000
0.600	A	1.5023	1.5019	1.5008	1.4992	1.4973	1.4954	1.4938	1.4927	1.4923
	RHO	3.5507	3.5493	3.5455	3.5399	3.5332	3.5265	3.5208	3.5171	3.5157
	P	2.5440	2.5418	2.5354	2.5259	2.5147	2.5036	2.4941	2.4878	2.4856
	U	1.5533	1.5551	1.5603	1.5680	1.5771	1.5862	1.5940	1.5992	1.6010
	V	-0.5799	-0.5798	-0.5797	-0.5794	-0.5791	-0.5788	-0.5786	-0.5784	-0.5783
	W	0.0	0.0099	0.0184	0.0241	0.0261	0.0241	0.0185	0.0100	0.0000
0.700	A	1.5001	1.4997	1.4986	1.4970	1.4951	1.4932	1.4916	1.4905	1.4901
	RHO	3.5242	3.5229	3.5191	3.5136	3.5073	3.5004	3.4948	3.4911	3.4898
	P	2.5175	2.5153	2.5090	2.4997	2.4886	2.4777	2.4684	2.4622	2.4600
	U	1.5407	1.5425	1.5477	1.5554	1.5645	1.5737	1.5815	1.5867	1.5885
	V	-0.6411	-0.6411	-0.6410	-0.6407	-0.6404	-0.6402	-0.6399	-0.6397	-0.6397
	W	0.0	0.0100	0.0186	0.0243	0.0263	0.0244	0.0187	0.0101	0.0000
0.800	A	1.4977	1.4973	1.4962	1.4946	1.4927	1.4908	1.4892	1.4882	1.4878
	RHO	3.4963	3.4950	3.4914	3.4859	3.4795	3.4730	3.4675	3.4638	3.4625
	P	2.4897	2.4875	2.4813	2.4722	2.4613	2.4505	2.4414	2.4353	2.4331
	U	1.5276	1.5294	1.5346	1.5424	1.5515	1.5607	1.5685	1.5737	1.5756
	V	-0.6988	-0.6988	-0.6987	-0.6985	-0.6982	-0.6979	-0.6977	-0.6976	-0.6975
	W	0.0	0.0101	0.0187	0.0245	0.0265	0.0245	0.0188	0.0102	0.0000
0.900	A	1.4952	1.4948	1.4937	1.4922	1.4903	1.4884	1.4868	1.4857	1.4853
	RHO	3.4674	3.4661	3.4625	3.4571	3.4508	3.4444	3.4390	3.4353	3.4341
	P	2.4608	2.4587	2.4527	2.4436	2.4333	2.4223	2.4133	2.4073	2.4052
	U	1.5143	1.5161	1.5213	1.5291	1.5383	1.5475	1.5553	1.5605	1.5624
	V	-0.7534	-0.7534	-0.7532	-0.7531	-0.7529	-0.7526	-0.7524	-0.7523	-0.7522
	W	0.0	0.0102	0.0188	0.0246	0.0267	0.0247	0.0189	0.0102	0.0000
1.000	A	1.4926	1.4922	1.4912	1.4896	1.4877	1.4858	1.4842	1.4832	1.4828
	RHO	3.4374	3.4362	3.4326	3.4274	3.4211	3.4148	3.4095	3.4059	3.4046
	P	2.4311	2.4290	2.4231	2.4142	2.4037	2.3932	2.3844	2.3784	2.3764
THS/THC		1.3163	1.3162	1.3158	1.3152	1.3145	1.3137	1.3131	1.3127	1.3126

M= 3.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 2.0000

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.5111	1.5158	1.5293	1.5494	1.5732	1.5971	1.6172	1.6307	1.6354
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0335	0.0620	0.0812	0.0880	0.0813	0.0621	0.0335	0.0000
0.0	A	1.5308	1.5298	1.5269	1.5227	1.5177	1.5128	1.5087	1.5060	1.5050
	RHO	3.7228	3.7106	3.6761	3.6252	3.5665	3.5091	3.4617	3.4307	3.4199
	P	2.7694	2.7567	2.7209	2.6683	2.6080	2.5495	2.5014	2.4700	2.4591
	U	1.5110	1.5192	1.5427	1.5788	1.6226	1.6681	1.7080	1.7355	1.7453
	V	-0.0276	-0.0276	-0.0275	-0.0274	-0.0273	-0.0271	-0.0270	-0.0269	-0.0269
	W	0.0	0.0372	0.0688	0.0899	0.0972	0.0897	0.0685	0.0370	0.0000
0.025	A	1.5308	1.5290	1.5241	1.5165	1.5071	1.4972	1.4884	1.4823	1.4801
	RHO	3.7225	3.7137	3.6893	3.6545	3.6165	3.5821	3.5562	3.5408	3.5357
	P	2.7691	2.7564	2.7206	2.6681	2.6078	2.5493	2.5011	2.4697	2.4589
	U	1.5106	1.5190	1.5430	1.5795	1.6236	1.6690	1.7085	1.7354	1.7450
	V	-0.0545	-0.0545	-0.0543	-0.0541	-0.0539	-0.0536	-0.0534	-0.0533	-0.0532
	W	0.0	0.0389	0.0719	0.0941	0.1021	0.0946	0.0725	0.0393	0.0000
0.050	A	1.5307	1.5289	1.5239	1.5161	1.5067	1.4968	1.4881	1.4821	1.4800
	RHO	3.7216	3.7130	3.6892	3.6551	3.6175	3.5831	3.5565	3.5403	3.5349
	P	2.7681	2.7555	2.7197	2.6673	2.6071	2.5486	2.5004	2.4690	2.4581
	U	1.5093	1.5178	1.5422	1.5792	1.6236	1.6688	1.7079	1.7344	1.7438
	V	-0.1064	-0.1063	-0.1060	-0.1057	-0.1052	-0.1047	-0.1043	-0.1040	-0.1039
	W	0.0	0.0410	0.0760	0.0997	0.1085	0.1008	0.0775	0.0421	0.0000
0.100	A	1.5304	1.5286	1.5235	1.5156	1.5061	1.4963	1.4877	1.4818	1.4798
	RHO	3.7182	3.7099	3.6868	3.6536	3.6165	3.5819	3.5547	3.5377	3.5319
	P	2.7646	2.7520	2.7165	2.6642	2.6041	2.5457	2.4975	2.4661	2.4552
	U	1.5044	1.5130	1.5378	1.5753	1.6199	1.6652	1.7040	1.7301	1.7393
	V	-0.2032	-0.2030	-0.2026	-0.2019	-0.2011	-0.2002	-0.1994	-0.1988	-0.1986
	W	0.0	0.0437	0.0811	0.1066	0.1163	0.1083	0.0835	0.0454	0.0000
0.200	A	1.5294	1.5276	1.5223	1.5144	1.5048	1.4953	1.4866	1.4809	1.4789
	RHO	3.7062	3.6983	3.6763	3.6442	3.6078	3.5732	3.5453	3.5275	3.5214
	P	2.7521	2.7397	2.7047	2.6530	2.5934	2.5354	2.4873	2.4558	2.4449
	U	1.4970	1.5058	1.5308	1.5685	1.6134	1.6587	1.6974	1.7235	1.7326
	V	-0.2917	-0.2916	-0.2910	-0.2902	-0.2891	-0.2879	-0.2867	-0.2859	-0.2856
	W	0.0	0.0455	0.0844	0.1110	0.1211	0.1128	0.0870	0.0473	0.0000
0.300	A	1.5280	1.5261	1.5208	1.5128	1.5032	1.4935	1.4852	1.4796	1.4776
	RHO	3.6890	3.6814	3.6602	3.6290	3.5933	3.5589	3.5308	3.5125	3.5063
	P	2.7343	2.7220	2.6876	2.6367	2.5778	2.5202	2.4724	2.4411	2.4302
	U	1.4878	1.4966	1.5218	1.5597	1.6048	1.6502	1.6890	1.7150	1.7242
	V	-0.3732	-0.3730	-0.3724	-0.3715	-0.3702	-0.3688	-0.3674	-0.3664	-0.3660
	W	0.0	0.0467	0.0867	0.1141	0.1245	0.1160	0.0894	0.0487	0.0000
0.400	A	1.5262	1.5244	1.5191	1.5110	1.5015	1.4918	1.4835	1.4780	1.4760
	RHO	3.6679	3.6607	3.6401	3.6099	3.5749	3.5408	3.5126	3.4941	3.4877
	P	2.7124	2.7005	2.6666	2.6166	2.5585	2.5016	2.4542	2.4231	2.4122
	U	1.4772	1.4861	1.5114	1.5495	1.5947	1.6402	1.6791	1.7052	1.7143
	V	-0.4485	-0.4483	-0.4477	-0.4467	-0.4454	-0.4438	-0.4423	-0.4411	-0.4407
	W	0.0	0.0477	0.0885	0.1164	0.1273	0.1183	0.0912	0.0496	0.0000
0.500	A	1.5243	1.5224	1.5171	1.5090	1.4995	1.4899	1.4817	1.4762	1.4742
	RHO	3.6441	3.6371	3.6172	3.5878	3.5535	3.5198	3.4916	3.4739	3.4666
	P	2.6878	2.6761	2.6429	2.5937	2.5365	2.4803	2.4334	2.4025	2.3918
	U	1.4655	1.4744	1.4998	1.5381	1.5835	1.6291	1.6681	1.6942	1.7034
	V	-0.5184	-0.5182	-0.5176	-0.5166	-0.5153	-0.5137	-0.5121	-0.5109	-0.5104
	W	0.0	0.0485	0.0899	0.1182	0.1289	0.1200	0.0925	0.0503	0.0000
0.600	A	1.5221	1.5202	1.5149	1.5069	1.4974	1.4878	1.4796	1.4742	1.4723
	RHO	3.6181	3.6113	3.5921	3.5635	3.5299	3.4966	3.4685	3.4499	3.4434
	P	2.6610	2.6495	2.6170	2.5688	2.5125	2.4571	2.4107	2.3801	2.3694
	U	1.4530	1.4620	1.4875	1.5259	1.5714	1.6172	1.6563	1.6825	1.6918
	V	-0.5836	-0.5834	-0.5828	-0.5819	-0.5806	-0.5790	-0.5774	-0.5762	-0.5757
	W	0.0	0.0491	0.0910	0.1197	0.1304	0.1214	0.0935	0.0508	0.0000
0.700	A	1.5197	1.5179	1.5126	1.5046	1.4951	1.4856	1.4775	1.4720	1.4701
	RHO	3.5905	3.5839	3.5653	3.5375	3.5045	3.4717	3.4438	3.4252	3.4186
	P	2.6326	2.6214	2.5895	2.5422	2.4869	2.4323	2.3865	2.3562	2.3456
	U	1.4400	1.4490	1.4746	1.5131	1.5588	1.6047	1.6439	1.6702	1.6795
	V	-0.6446	-0.6444	-0.6439	-0.6430	-0.6418	-0.6403	-0.6388	-0.6376	-0.6371
	W	0.0	0.0496	0.0920	0.1208	0.1317	0.1225	0.0943	0.0513	0.0000
0.800	A	1.5173	1.5154	1.5101	1.5022	1.4927	1.4832	1.4752	1.4698	1.4679
	RHO	3.5615	3.5552	3.5372	3.5101	3.4778	3.4453	3.4176	3.3991	3.3925
	P	2.6029	2.5920	2.5608	2.5144	2.4601	2.4063	2.3610	2.3310	2.3206
	U	1.4267	1.4357	1.4613	1.4999	1.5457	1.5918	1.6311	1.6575	1.6668
	V	-0.7019	-0.7017	-0.7013	-0.7006	-0.6995	-0.6981	-0.6967	-0.6956	-0.6951
	W	0.0	0.0500	0.0928	0.1218	0.1327	0.1234	0.0949	0.0516	0.0000
0.900	A	1.5147	1.5129	1.5076	1.4996	1.4902	1.4808	1.4728	1.4674	1.4655
	RHO	3.5315	3.5255	3.5080	3.4815	3.4499	3.4178	3.3903	3.3718	3.3652
	P	2.5723	2.5616	2.5311	2.4856	2.4322	2.3792	2.3345	2.3049	2.2945
	U	1.4131	1.4221	1.4478	1.4865	1.5324	1.5786	1.6180	1.6444	1.6538
	V	-0.7560	-0.7558	-0.7555	-0.7549	-0.7540	-0.7528	-0.7515	-0.7505	-0.7501
	W	0.0	0.0504	0.0934	0.1226	0.1335	0.1240	0.0954	0.0518	0.0000
1.000	A	1.5121	1.5102	1.5049	1.4970	1.4877	1.4782	1.4703	1.4649	1.4630
	RHO	3.5007	3.4948	3.4778	3.4520	3.4213	3.3893	3.3619	3.3434	3.3369
	P	2.5409	2.5304	2.5006	2.4560	2.4035	2.3512	2.3071	2.2778	2.2675
THS/THC		1.3255	1.3249	1.3231	1.3203	1.3168	1.3131	1.3098	1.3074	1.3066

M= 4.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 2.7386

XI	PHI	0.0
	U	2.3537
	V	0.0000
	W	0.0
-0.000	A	1.7584
	RHO	4.3119
	P	2.3808
	U	2.3536
	V	-0.0257
	W	0.0
0.025	A	1.7584
	RHO	4.3117
	P	2.3807
	U	2.3534
	V	-0.0509
	W	0.0
0.050	A	1.7583
	RHO	4.3110
	P	2.3801
	U	2.3526
	V	-0.1003
	W	0.0
0.100	A	1.7581
	RHO	4.3085
	P	2.3782
	U	2.3495
	V	-0.1947
	W	0.0
0.200	A	1.7574
	RHO	4.2990
	P	2.3709
	U	2.3448
	V	-0.2838
	W	0.0
0.300	A	1.7562
	RHO	4.2848
	P	2.3599
	U	2.3387
	V	-0.3682
	W	0.0
0.400	A	1.7547
	RHO	4.2666
	P	2.3459
	U	2.3313
	V	-0.4485
	W	0.0
0.500	A	1.7529
	RHO	4.2451
	P	2.3293
	U	2.3229
	V	-0.5251
	W	0.0
0.600	A	1.7509
	RHO	4.2207
	P	2.3106
	U	2.3136
	V	-0.5984
	W	0.0
0.700	A	1.7487
	RHO	4.1938
	P	2.2900
	U	2.3035
	V	-0.6686
	W	0.0
0.800	A	1.7463
	RHO	4.1647
	P	2.2678
	U	2.2928
	V	-0.7361
	W	0.0
0.900	A	1.7436
	RHO	4.1336
	P	2.2442
	U	2.2816
	V	-0.8012
	W	0.0
1.000	A	1.7408
	RHO	4.1006
	P	2.2191
THS/THC		1.2272

M= 4.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 2.7386

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.3245	2.3254	2.3281	2.3322	2.3369	2.3417	2.3457	2.3484	2.3493
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0067	0.0124	0.0162	0.0176	0.0162	0.0124	0.0067	0.0000
0.0	A	1.7662	1.7659	1.7652	1.7641	1.7629	1.7616	1.7605	1.7598	1.7596
	RHO	4.3300	4.3269	4.3182	4.3051	4.2898	4.2744	4.2615	4.2529	4.2499
	P	2.4120	2.4096	2.4027	2.3925	2.3806	2.3687	2.3587	2.3520	2.3497
	U	2.3244	2.3266	2.3328	2.3421	2.3532	2.3643	2.3738	2.3802	2.3825
	V	-0.0257	-0.0257	-0.0257	-0.0257	-0.0257	-0.0257	-0.0256	-0.0256	-0.0256
	W	0.0	0.0081	0.0150	0.0196	0.0212	0.0196	0.0150	0.0081	0.0000
0.025	A	1.7662	1.7656	1.7639	1.7614	1.7585	1.7555	1.7529	1.7512	1.7506
	RHO	4.3298	4.3283	4.3241	4.3179	4.3108	4.3039	4.2983	4.2946	4.2933
	P	2.4118	2.4094	2.4025	2.3924	2.3804	2.3685	2.3585	2.3519	2.3495
	U	2.3242	2.3264	2.3326	2.3420	2.3530	2.3642	2.3737	2.3800	2.3823
	V	-0.0511	-0.0510	-0.0510	-0.0510	-0.0509	-0.0509	-0.0509	-0.0508	-0.0508
	W	0.0	0.0087	0.0161	0.0210	0.0228	0.0210	0.0161	0.0087	0.0000
0.050	A	1.7661	1.7655	1.7639	1.7614	1.7584	1.7554	1.7529	1.7512	1.7506
	RHO	4.3291	4.3277	4.3235	4.3174	4.3103	4.3034	4.2977	4.2939	4.2926
	P	2.4112	2.4088	2.4020	2.3919	2.3799	2.3680	2.3580	2.3513	2.3490
	U	2.3234	2.3256	2.3318	2.3412	2.3523	2.3634	2.3729	2.3792	2.3815
	V	-0.1006	-0.1005	-0.1005	-0.1004	-0.1003	-0.1002	-0.1001	-0.1001	-0.1001
	W	0.0	0.0095	0.0175	0.0229	0.0248	0.0229	0.0176	0.0095	0.0000
0.100	A	1.7659	1.7653	1.7636	1.7611	1.7582	1.7552	1.7527	1.7509	1.7503
	RHO	4.3245	4.3251	4.3210	4.3149	4.3078	4.3009	4.2952	4.2914	4.2901
	P	2.4092	2.4068	2.4000	2.3899	2.3779	2.3661	2.3561	2.3494	2.3471
	U	2.3203	2.3225	2.3288	2.3382	2.3493	2.3604	2.3699	2.3762	2.3785
	V	-0.1952	-0.1951	-0.1950	-0.1949	-0.1947	-0.1945	-0.1943	-0.1942	-0.1942
	W	0.0	0.0105	0.0194	0.0253	0.0275	0.0254	0.0195	0.0105	0.0000
0.200	A	1.7651	1.7645	1.7629	1.7604	1.7574	1.7544	1.7519	1.7502	1.7496
	RHO	4.3170	4.3156	4.3116	4.3055	4.2985	4.2917	4.2859	4.2821	4.2807
	P	2.4018	2.3994	2.3927	2.3826	2.3707	2.3589	2.3489	2.3422	2.3399
	U	2.3155	2.3178	2.3240	2.3335	2.3446	2.3558	2.3652	2.3716	2.3738
	V	-0.2845	-0.2845	-0.2843	-0.2841	-0.2838	-0.2835	-0.2833	-0.2831	-0.2830
	W	0.0	0.0112	0.0206	0.0270	0.0293	0.0271	0.0208	0.0112	0.0000
0.300	A	1.7639	1.7633	1.7617	1.7592	1.7562	1.7532	1.7507	1.7490	1.7484
	RHO	4.3027	4.3013	4.2973	4.2913	4.2844	4.2775	4.2718	4.2679	4.2666
	P	2.3906	2.3883	2.3815	2.3715	2.3597	2.3480	2.3380	2.3314	2.3291
	U	2.3093	2.3115	2.3179	2.3273	2.3385	2.3496	2.3591	2.3655	2.3677
	V	-0.3692	-0.3691	-0.3689	-0.3686	-0.3683	-0.3679	-0.3676	-0.3673	-0.3673
	W	0.0	0.0117	0.0216	0.0282	0.0306	0.0283	0.0217	0.0118	0.0000
0.400	A	1.7624	1.7618	1.7602	1.7577	1.7547	1.7517	1.7492	1.7475	1.7469
	RHO	4.2843	4.2829	4.2790	4.2731	4.2662	4.2594	4.2537	4.2499	4.2486
	P	2.3763	2.3740	2.3673	2.3574	2.3457	2.3340	2.3242	2.3176	2.3153
	U	2.3019	2.3041	2.3104	2.3199	2.3311	2.3423	2.3518	2.3582	2.3604
	V	-0.4497	-0.4496	-0.4494	-0.4490	-0.4486	-0.4481	-0.4477	-0.4475	-0.4474
	W	0.0	0.0121	0.0224	0.0292	0.0317	0.0293	0.0225	0.0122	0.0000
0.500	A	1.7606	1.7600	1.7584	1.7559	1.7529	1.7500	1.7475	1.7458	1.7452
	RHO	4.2625	4.2612	4.2573	4.2516	4.2448	4.2380	4.2324	4.2286	4.2273
	P	2.3595	2.3572	2.3506	2.3407	2.3291	2.3176	2.3079	2.3014	2.2991
	U	2.2934	2.2956	2.3020	2.3115	2.3227	2.3339	2.3434	2.3498	2.3520
	V	-0.5265	-0.5264	-0.5261	-0.5257	-0.5252	-0.5247	-0.5242	-0.5239	-0.5238
	W	0.0	0.0124	0.0230	0.0301	0.0326	0.0301	0.0231	0.0125	0.0000
0.600	A	1.7586	1.7580	1.7563	1.7538	1.7509	1.7480	1.7455	1.7438	1.7432
	RHO	4.2379	4.2366	4.2328	4.2271	4.2205	4.2138	4.2082	4.2045	4.2031
	P	2.3404	2.3381	2.3316	2.3219	2.3105	2.2991	2.2894	2.2830	2.2807
	U	2.2840	2.2862	2.2926	2.3021	2.3133	2.3246	2.3342	2.3406	2.3428
	V	-0.5999	-0.5998	-0.5995	-0.5990	-0.5984	-0.5978	-0.5973	-0.5970	-0.5969
	W	0.0	0.0127	0.0235	0.0307	0.0333	0.0308	0.0236	0.0128	0.0000
0.700	A	1.7563	1.7558	1.7541	1.7516	1.7487	1.7457	1.7432	1.7416	1.7410
	RHO	4.2108	4.2095	4.2058	4.2002	4.1936	4.1871	4.1815	4.1778	4.1765
	P	2.3195	2.3172	2.3108	2.3012	2.2899	2.2787	2.2691	2.2628	2.2606
	U	2.2738	2.2761	2.2825	2.2920	2.3033	2.3146	2.3241	2.3306	2.3328
	V	-0.6702	-0.6701	-0.6698	-0.6693	-0.6686	-0.6680	-0.6675	-0.6671	-0.6670
	W	0.0	0.0130	0.0239	0.0313	0.0339	0.0314	0.0241	0.0130	0.0000
0.800	A	1.7539	1.7533	1.7516	1.7492	1.7462	1.7433	1.7408	1.7392	1.7386
	RHO	4.1814	4.1802	4.1765	4.1711	4.1646	4.1582	4.1527	4.1490	4.1477
	P	2.2969	2.2947	2.2883	2.2789	2.2677	2.2566	2.2472	2.2410	2.2388
	U	2.2631	2.2653	2.2717	2.2813	2.2926	2.3039	2.3135	2.3199	2.3222
	V	-0.7379	-0.7377	-0.7374	-0.7368	-0.7362	-0.7355	-0.7349	-0.7345	-0.7344
	W	0.0	0.0132	0.0243	0.0318	0.0345	0.0319	0.0244	0.0132	0.0000
0.900	A	1.7512	1.7507	1.7490	1.7465	1.7436	1.7407	1.7382	1.7366	1.7360
	RHO	4.1500	4.1488	4.1452	4.1399	4.1336	4.1272	4.1218	4.1182	4.1169
	P	2.2728	2.2706	2.2643	2.2550	2.2441	2.2331	2.2239	2.2177	2.2155
	U	2.2517	2.2540	2.2604	2.2700	2.2813	2.2927	2.3023	2.3088	2.3110
	V	-0.8031	-0.8029	-0.8025	-0.8020	-0.8013	-0.8006	-0.7999	-0.7995	-0.7994
	W	0.0	0.0133	0.0247	0.0323	0.0350	0.0323	0.0248	0.0134	0.0000
1.000	A	1.7484	1.7478	1.7462	1.7437	1.7408	1.7379	1.7354	1.7338	1.7332
	RHO	4.1167	4.1155	4.1120	4.1068	4.1005	4.0943	4.0890	4.0854	4.0842
	P	2.2473	2.2451	2.2390	2.2298	2.2190	2.2082	2.1991	2.1930	2.1909
THS/THC		1.2287	1.2286	1.2283	1.2278	1.2272	1.2267	1.2262	1.2258	1.2257

M= 4.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 2.7386

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.2043	2.2092	2.2233	2.2445	2.2695	2.2945	2.3156	2.3298	2.3347
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0352	0.0651	0.0851	0.0923	0.0853	0.0652	0.0353	0.0000
0.0	A	1.7967	1.7954	1.7918	1.7863	1.7799	1.7736	1.7683	1.7647	1.7635
	RHO	4.3996	4.3839	4.3395	4.2739	4.1980	4.1236	4.0618	4.0212	4.0071
	P	2.5362	2.5236	2.4879	2.4354	2.3753	2.3163	2.2679	2.2362	2.2252
	U	2.2042	2.2144	2.2437	2.2885	2.3430	2.3994	2.4488	2.4827	2.4948
	V	-0.0260	-0.0260	-0.0259	-0.0258	-0.0257	-0.0256	-0.0255	-0.0254	-0.0254
	W	0.0	0.0409	0.0756	0.0986	0.1065	0.0981	0.0749	0.0404	0.0000
0.025	A	1.7967	1.7941	1.7866	1.7750	1.7606	1.7454	1.7319	1.7224	1.7190
	RHO	4.3993	4.3931	4.3645	4.3287	4.2906	4.2575	4.2339	4.2207	4.2166
	P	2.5360	2.5234	2.4877	2.4353	2.3749	2.3162	2.2678	2.2361	2.2251
	U	2.2040	2.2144	2.2442	2.2895	2.3443	2.4005	2.4494	2.4827	2.4946
	V	-0.0516	-0.0516	-0.0515	-0.0513	-0.0511	-0.0508	-0.0506	-0.0505	-0.0504
	W	0.0	0.0435	0.0804	0.1052	0.1140	0.1054	0.0808	0.0437	0.0000
0.050	A	1.7966	1.7940	1.7863	1.7745	1.7603	1.7449	1.7315	1.7223	1.7190
	RHO	4.3987	4.3897	4.3649	4.3300	4.2924	4.2592	4.2348	4.2205	4.2159
	P	2.5355	2.5228	2.4872	2.4348	2.3745	2.3158	2.2673	2.2356	2.2246
	U	2.2031	2.2137	2.2440	2.2899	2.3449	2.4010	2.4494	2.4822	2.4938
	V	-0.1017	-0.1016	-0.1013	-0.1010	-0.1005	-0.1001	-0.0996	-0.0994	-0.0992
	W	0.0	0.0470	0.0870	0.1141	0.1241	0.1151	0.0885	0.0480	0.0000
0.100	A	1.7964	1.7937	1.7859	1.7739	1.7593	1.7442	1.7310	1.7220	1.7188
	RHO	4.3960	4.3874	4.3636	4.3297	4.2927	4.2593	4.2338	4.2185	4.2134
	P	2.5333	2.5207	2.4852	2.4329	2.3726	2.3140	2.2655	2.2338	2.2228
	U	2.1999	2.2107	2.2414	2.2878	2.3432	2.3992	2.4472	2.4795	2.4909
	V	-0.1974	-0.1972	-0.1968	-0.1961	-0.1952	-0.1942	-0.1933	-0.1926	-0.1924
	W	0.0	0.0517	0.0959	0.1260	0.1373	0.1277	0.0984	0.0535	0.0000
0.200	A	1.7956	1.7928	1.7848	1.7726	1.7583	1.7430	1.7300	1.7212	1.7181
	RHO	4.3861	4.3780	4.3554	4.3229	4.2867	4.2530	4.2265	4.2100	4.2044
	P	2.5254	2.5129	2.4776	2.4257	2.3657	2.3072	2.2588	2.2271	2.2161
	U	2.1950	2.2058	2.2368	2.2835	2.3390	2.3951	2.4429	2.4751	2.4864
	V	-0.2878	-0.2876	-0.2869	-0.2858	-0.2845	-0.2830	-0.2817	-0.2807	-0.2803
	W	0.0	0.0550	0.1021	0.1341	0.1462	0.1361	0.1049	0.0570	0.0000
0.300	A	1.7944	1.7916	1.7835	1.7712	1.7565	1.7416	1.7287	1.7200	1.7169
	RHO	4.3712	4.3634	4.3418	4.3102	4.2747	4.2410	4.2140	4.1967	4.1908
	P	2.5133	2.5010	2.4661	2.4146	2.3551	2.2970	2.2487	2.2171	2.2061
	U	2.1885	2.1994	2.2306	2.2775	2.3332	2.3893	2.4371	2.4692	2.4805
	V	-0.3734	-0.3731	-0.3723	-0.3709	-0.3692	-0.3673	-0.3654	-0.3641	-0.3637
	W	0.0	0.0576	0.1068	0.1404	0.1530	0.1424	0.1097	0.0597	0.0000
0.400	A	1.7928	1.7900	1.7818	1.7695	1.7548	1.7399	1.7271	1.7185	1.7155
	RHO	4.3521	4.3446	4.3238	4.2932	4.2583	4.2247	4.1973	4.1795	4.1734
	P	2.4980	2.4858	2.4513	2.4005	2.3415	2.2838	2.2358	2.2043	2.1933
	U	2.1807	2.1917	2.2230	2.2701	2.3260	2.3822	2.4300	2.4621	2.4734
	V	-0.4547	-0.4544	-0.4533	-0.4517	-0.4495	-0.4473	-0.4451	-0.4435	-0.4430
	W	0.0	0.0596	0.1106	0.1453	0.1584	0.1474	0.1135	0.0617	0.0000
0.500	A	1.7910	1.7881	1.7799	1.7676	1.7529	1.7380	1.7253	1.7168	1.7138
	RHO	4.3295	4.3223	4.3022	4.2725	4.2383	4.2049	4.1773	4.1592	4.1530
	P	2.4798	2.4678	2.4339	2.3837	2.3254	2.2682	2.2205	2.1892	2.1782
	U	2.1719	2.1829	2.2144	2.2616	2.3176	2.3739	2.4219	2.4540	2.4653
	V	-0.5322	-0.5318	-0.5306	-0.5287	-0.5263	-0.5236	-0.5211	-0.5193	-0.5186
	W	0.0	0.0614	0.1138	0.1495	0.1628	0.1515	0.1166	0.0634	0.0000
0.600	A	1.7888	1.7860	1.7778	1.7654	1.7507	1.7359	1.7233	1.7149	1.7119
	RHO	4.3039	4.2970	4.2777	4.2488	4.2153	4.1822	4.1545	4.1362	4.1298
	P	2.4593	2.4475	2.4141	2.3647	2.3071	2.2505	2.2033	2.1721	2.1612
	U	2.1621	2.1732	2.2048	2.2522	2.3083	2.3648	2.4128	2.4450	2.4564
	V	-0.6061	-0.6057	-0.6044	-0.6023	-0.5996	-0.5966	-0.5939	-0.5918	-0.5911
	W	0.0	0.0628	0.1165	0.1529	0.1665	0.1548	0.1191	0.0647	0.0000
0.700	A	1.7865	1.7836	1.7754	1.7630	1.7484	1.7337	1.7211	1.7127	1.7098
	RHO	4.2757	4.2692	4.2505	4.2225	4.1896	4.1568	4.1292	4.1107	4.1043
	P	2.4368	2.4253	2.3924	2.3437	2.2870	2.2310	2.1842	2.1533	2.1426
	U	2.1516	2.1627	2.1944	2.2419	2.2983	2.3548	2.4030	2.4353	2.4467
	V	-0.6770	-0.6765	-0.6750	-0.6728	-0.6699	-0.6666	-0.6636	-0.6614	-0.6606
	W	0.0	0.0641	0.1188	0.1559	0.1697	0.1577	0.1213	0.0659	0.0000
0.800	A	1.7839	1.7811	1.7728	1.7605	1.7459	1.7312	1.7187	1.7104	1.7075
	RHO	4.2453	4.2390	4.2210	4.1939	4.1617	4.1293	4.1016	4.0831	4.0766
	P	2.4126	2.4012	2.3690	2.3211	2.2652	2.2100	2.1637	2.1331	2.1224
	U	2.1405	2.1516	2.1833	2.2310	2.2875	2.3443	2.3926	2.4250	2.4364
	V	-0.7450	-0.7444	-0.7429	-0.7405	-0.7373	-0.7339	-0.7307	-0.7284	-0.7275
	W	0.0	0.0652	0.1208	0.1584	0.1724	0.1601	0.1231	0.0668	0.0000
0.900	A	1.7812	1.7783	1.7701	1.7578	1.7432	1.7286	1.7162	1.7079	1.7050
	RHO	4.2128	4.2067	4.1894	4.1631	4.1316	4.0997	4.0721	4.0536	4.0470
	P	2.3867	2.3756	2.3440	2.2970	2.2420	2.1875	2.1417	2.1114	2.1008
	U	2.1288	2.1399	2.1718	2.2196	2.2762	2.3331	2.3816	2.4141	2.4255
	V	-0.8105	-0.8099	-0.8083	-0.8057	-0.8024	-0.7988	-0.7954	-0.7930	-0.7921
	W	0.0	0.0661	0.1225	0.1607	0.1747	0.1622	0.1246	0.0676	0.0000
1.000	A	1.7783	1.7754	1.7672	1.7549	1.7404	1.7258	1.7135	1.7052	1.7023
	RHO	4.1783	4.1725	4.1558	4.1304	4.0996	4.0681	4.0407	4.0221	4.0155
	P	2.3595	2.3486	2.3176	2.2715	2.2174	2.1637	2.1185	2.0884	2.0779
THS/THC		1.2355	1.2350	1.2336	1.2313	1.2286	1.2256	1.2230	1.2212	1.2205

M= 4.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 2.7386

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.0459	2.0563	2.0861	2.1308	2.1843	2.2374	2.2827	2.3129	2.3235
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0740	0.1373	0.1807	0.1969	0.1825	0.1395	0.0751	0.0000
0.0	A	1.8338	1.8312	1.8237	1.8126	1.7995	1.7867	1.7759	1.7689	1.7664
	RHO	4.4804	4.4484	4.3584	4.2269	4.0773	3.9333	3.8167	3.7415	3.7157
	P	2.6905	2.6636	2.5885	2.4798	2.3576	2.2421	2.1496	2.0906	2.0704
	U	2.0459	2.0647	2.1194	2.2044	2.3105	2.4243	2.5281	2.6015	2.6281
	V	-0.0265	-0.0264	-0.0263	-0.0261	-0.0259	-0.0257	-0.0255	-0.0253	-0.0252
	W	0.0	0.0827	0.1528	0.1994	0.2153	0.1974	0.1500	0.0808	0.0000
0.025	A	1.8338	1.8292	1.8157	1.7945	1.7672	1.7368	1.7080	1.6867	1.6788
	RHO	4.4801	4.4578	4.3967	4.3127	4.2277	4.1622	4.1263	4.1147	4.1134
	P	2.6903	2.6635	2.5884	2.4798	2.3577	2.2421	2.1495	2.0904	2.0702
	U	2.0456	2.0651	2.1216	2.2088	2.3163	2.4299	2.5316	2.6025	2.6279
	V	-0.0525	-0.0524	-0.0522	-0.0518	-0.0514	-0.0509	-0.0505	-0.0502	-0.0501
	W	0.0	0.0871	0.1612	0.2111	0.2290	0.2120	0.1626	0.0882	0.0000
0.050	A	1.8337	1.8289	1.8149	1.7930	1.7652	1.7348	1.7066	1.6862	1.6788
	RHO	4.4794	4.4581	4.3997	4.3192	4.2369	4.1714	4.1324	4.1163	4.1127
	P	2.6897	2.6629	2.5880	2.4796	2.3575	2.2419	2.1492	2.0900	2.0698
	U	2.0447	2.0649	2.1232	2.2125	2.3214	2.4346	2.5343	2.6028	2.6272
	V	-0.1034	-0.1032	-0.1028	-0.1021	-0.1012	-0.1003	-0.0994	-0.0988	-0.0985
	W	0.0	0.0933	0.1731	0.2276	0.2483	0.2316	0.1789	0.0975	0.0000
0.100	A	1.8335	1.8285	1.8139	1.7912	1.7629	1.7326	1.7050	1.6856	1.6786
	RHO	4.4766	4.4566	4.4015	4.3250	4.2455	4.1798	4.1371	4.1161	4.1103
	P	2.6873	2.6607	2.5861	2.4780	2.3561	2.2406	2.1477	2.0884	2.0681
	U	2.0413	2.0622	2.1222	2.2135	2.3236	2.4365	2.5344	2.6008	2.6244
	V	-0.2007	-0.2004	-0.1996	-0.1983	-0.1966	-0.1947	-0.1928	-0.1912	-0.1906
	W	0.0	0.1020	0.1897	0.2502	0.2742	0.2570	0.1995	0.1091	0.0000
0.200	A	1.8326	1.8274	1.8122	1.7888	1.7599	1.7297	1.7030	1.6845	1.6779
	RHO	4.4663	4.4479	4.3971	4.3257	4.2494	4.1833	4.1362	4.1099	4.1016
	P	2.6786	2.6523	2.5786	2.4716	2.3504	2.2350	2.1420	2.0824	2.0620
	U	2.0360	2.0572	2.1182	2.2106	2.3213	2.4341	2.5312	2.5968	2.6200
	V	-0.2925	-0.2921	-0.2909	-0.2891	-0.2867	-0.2839	-0.2808	-0.2784	-0.2774
	W	0.0	0.1083	0.2015	0.2661	0.2920	0.2740	0.2128	0.1164	0.0000
0.300	A	1.8314	1.8260	1.8104	1.7866	1.7575	1.7274	1.7011	1.6832	1.6768
	RHO	4.4505	4.4334	4.3859	4.3182	4.2442	4.1778	4.1280	4.0984	4.0887
	P	2.6655	2.6396	2.5670	2.4612	2.3410	2.2261	2.1331	2.0734	2.0529
	U	2.0291	2.0506	2.1122	2.2053	2.3165	2.4293	2.5261	2.5913	2.6143
	V	-0.3793	-0.3788	-0.3774	-0.3751	-0.3720	-0.3683	-0.3642	-0.3610	-0.3597
	W	0.0	0.1133	0.2107	0.2783	0.3055	0.2867	0.2226	0.1217	0.0000
0.400	A	1.8297	1.8242	1.8084	1.7843	1.7551	1.7252	1.6992	1.6817	1.6755
	RHO	4.4305	4.4145	4.3697	4.3051	4.2332	4.1667	4.1149	4.0829	4.0722
	P	2.6486	2.6233	2.5519	2.4476	2.3286	2.2144	2.1217	2.0619	2.0413
	U	2.0209	2.0425	2.1046	2.1982	2.3098	2.4227	2.5194	2.5846	2.6075
	V	-0.4616	-0.4610	-0.4593	-0.4566	-0.4529	-0.4484	-0.4435	-0.4395	-0.4380
	W	0.0	0.1174	0.2183	0.2883	0.3163	0.2967	0.2301	0.1257	0.0000
0.500	A	1.8277	1.8222	1.8062	1.7819	1.7527	1.7229	1.6972	1.6799	1.6739
	RHO	4.4068	4.3917	4.3495	4.2878	4.2179	4.1514	4.0982	4.0643	4.0528
	P	2.6288	2.6039	2.5339	2.4313	2.3138	2.2005	2.1081	2.0483	2.0277
	U	2.0115	2.0333	2.0957	2.1897	2.3016	2.4148	2.5116	2.5767	2.5997
	V	-0.5398	-0.5391	-0.5372	-0.5342	-0.5299	-0.5247	-0.5191	-0.5145	-0.5127
	W	0.0	0.1208	0.2247	0.2966	0.3252	0.3047	0.2362	0.1289	0.0000
0.600	A	1.8255	1.8199	1.8038	1.7794	1.7502	1.7205	1.6951	1.6780	1.6720
	RHO	4.3799	4.3659	4.3260	4.2670	4.1989	4.1327	4.0784	4.0430	4.0309
	P	2.6064	2.5821	2.5135	2.4127	2.2968	2.1845	2.0926	2.0329	2.0124
	U	2.0013	2.0232	2.0858	2.1801	2.2924	2.4058	2.5028	2.5680	2.5910
	V	-0.6144	-0.6137	-0.6115	-0.6081	-0.6034	-0.5976	-0.5913	-0.5863	-0.5843
	W	0.0	0.1238	0.2302	0.3036	0.3327	0.3114	0.2411	0.1315	0.0000
0.700	A	1.8230	1.8174	1.8013	1.7768	1.7476	1.7180	1.6928	1.6760	1.6700
	RHO	4.3505	4.3373	4.2996	4.2432	4.1773	4.1112	4.0560	4.0194	4.0067
	P	2.5819	2.5582	2.4911	2.3922	2.2780	2.1669	2.0755	2.0160	1.9955
	U	1.9902	2.0122	2.0750	2.1697	2.2822	2.3959	2.4932	2.5586	2.5816
	V	-0.6857	-0.6849	-0.6826	-0.6788	-0.6735	-0.6673	-0.6606	-0.6552	-0.6531
	W	0.0	0.1264	0.2349	0.3097	0.3390	0.3170	0.2452	0.1337	0.0000
0.800	A	1.8204	1.8147	1.7985	1.7740	1.7449	1.7154	1.6904	1.6737	1.6678
	RHO	4.3187	4.3063	4.2708	4.2170	4.1525	4.0872	4.0313	3.9937	3.9805
	P	2.5556	2.5324	2.4669	2.3699	2.2576	2.1478	2.0570	1.9978	1.9773
	U	1.9786	2.0006	2.0636	2.1585	2.2714	2.3854	2.4829	2.5485	2.5716
	V	-0.7541	-0.7532	-0.7506	-0.7466	-0.7410	-0.7343	-0.7272	-0.7215	-0.7193
	W	0.0	0.1287	0.2391	0.3150	0.3445	0.3218	0.2486	0.1354	0.0000
0.900	A	1.8175	1.8118	1.7956	1.7711	1.7420	1.7127	1.6879	1.6713	1.6655
	RHO	4.2849	4.2733	4.2397	4.1883	4.1257	4.0610	4.0045	3.9661	3.9524
	P	2.5276	2.5050	2.4410	2.3461	2.2357	2.1273	2.0372	1.9782	1.9578
	U	1.9664	1.9885	2.0516	2.1467	2.2599	2.3742	2.4720	2.5379	2.5611
	V	-0.8198	-0.8188	-0.8161	-0.8117	-0.8059	-0.7988	-0.7915	-0.7856	-0.7833
	W	0.0	0.1308	0.2428	0.3196	0.3492	0.3258	0.2515	0.1369	0.0000
1.000	A	1.8145	1.8088	1.7925	1.7681	1.7391	1.7099	1.6852	1.6687	1.6630
	RHO	4.2490	4.2382	4.2067	4.1576	4.0968	4.0327	3.9758	3.9365	3.9225
	P	2.4980	2.4761	2.4137	2.3210	2.2125	2.1055	2.0162	1.9575	1.9371
THS/THC		1.2457	1.2448	1.2423	1.2383	1.2329	1.2268	1.2210	1.2168	1.2153

M= 4.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 2.7386

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.8773	1.8937	1.9404	2.0112	2.0959	2.1818	2.2550	2.3036	2.3204
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1161	0.2165	0.2868	0.3152	0.2943	0.2251	0.1204	0.0000
0.0	A	1.8695	1.8655	1.8541	1.8370	1.8170	1.7974	1.7812	1.7708	1.7672
	RHO	4.5550	4.5063	4.3698	4.1722	3.9501	3.7414	3.5765	3.4731	3.4381
	P	2.8429	2.8004	2.6824	2.5142	2.3288	2.1584	2.0264	1.9448	1.9175
	U	1.8772	1.9036	1.9803	2.1008	2.2543	2.4254	2.5890	2.7094	2.7538
	V	-0.0271	-0.0270	-0.0268	-0.0265	-0.0262	-0.0259	-0.0256	-0.0252	-0.0251
	W	0.0	0.1257	0.2327	0.3043	0.3281	0.3000	0.2264	0.1213	0.0000
0.025	A	1.8695	1.8633	1.8452	1.8162	1.7782	1.7337	1.6879	1.6519	1.6380
	RHO	4.5548	4.5167	4.4124	4.2689	4.1252	4.0221	3.9831	3.9911	4.0016
	P	2.8427	2.8033	2.6826	2.5145	2.3292	2.1587	2.0265	1.9447	1.9173
	U	1.8770	1.9046	1.9850	2.1102	2.2678	2.4393	2.5984	2.7123	2.7536
	V	-0.0536	-0.0535	-0.0531	-0.0525	-0.0519	-0.0513	-0.0507	-0.0502	-0.0499
	W	0.0	0.1312	0.2432	0.3191	0.3465	0.3207	0.2460	0.1337	0.0000
0.050	A	1.8694	1.8629	1.8438	1.8134	1.7739	1.7289	1.6844	1.6507	1.6380
	RHO	4.5540	4.5178	4.4186	4.2823	4.1453	4.0446	3.9996	3.9963	4.0010
	P	2.8420	2.7998	2.6824	2.5146	2.3294	2.1588	2.0263	1.9444	1.9169
	U	1.8760	1.9051	1.9892	2.1192	2.2804	2.4517	2.6062	2.7142	2.7529
	V	-0.1056	-0.1053	-0.1046	-0.1035	-0.1023	-0.1011	-0.0998	-0.0989	-0.0980
	W	0.0	0.1393	0.2588	0.3411	0.3734	0.3496	0.2716	0.1490	0.0000
0.100	A	1.8692	1.8623	1.8420	1.8101	1.7692	1.7238	1.6807	1.6493	1.6378
	RHO	4.5510	4.5173	4.4245	4.2967	4.1668	4.0675	4.0151	3.9999	3.9986
	P	2.8394	2.7975	2.6808	2.5138	2.3290	2.1582	2.0254	1.9430	1.9153
	U	1.8723	1.9028	1.9907	2.1253	2.2896	2.4604	2.6107	2.7136	2.7502
	V	-0.2047	-0.2043	-0.2031	-0.2013	-0.1991	-0.1965	-0.1934	-0.1905	-0.1892
	W	0.0	0.1511	0.2815	0.3727	0.4107	0.3878	0.3036	0.1672	0.0000
0.200	A	1.8683	1.8639	1.8394	1.8057	1.7635	1.7180	1.6766	1.6475	1.6371
	RHO	4.5401	4.5096	4.4257	4.3087	4.1869	4.0878	4.0260	3.9977	3.9903
	P	2.8299	2.7887	2.6738	2.5088	2.3252	2.1545	2.0209	1.9378	1.9097
	U	1.8666	1.8978	1.9878	2.1248	2.2905	2.4611	2.6095	2.7103	2.7460
	V	-0.2980	-0.2975	-0.2959	-0.2936	-0.2905	-0.2865	-0.2816	-0.2770	-0.2750
	W	0.0	0.1600	0.2983	0.3955	0.4369	0.4135	0.3241	0.1785	0.0000
0.300	A	1.8669	1.8592	1.8370	1.8024	1.7594	1.7141	1.6737	1.6460	1.6361
	RHO	4.5235	4.4957	4.4184	4.3093	4.1933	4.0935	4.0254	3.9890	3.9780
	P	2.8154	2.7751	2.6624	2.4998	2.3179	2.1477	2.0137	1.9298	1.9015
	U	1.8592	1.8910	1.9822	2.1207	2.2874	2.4579	2.6054	2.7052	2.7404
	V	-0.3860	-0.3854	-0.3835	-0.3807	-0.3768	-0.3716	-0.3651	-0.3589	-0.3563
	W	0.0	0.1672	0.3118	0.4136	0.4571	0.4326	0.3389	0.1865	0.0000
0.400	A	1.8652	1.8573	1.8345	1.7993	1.7563	1.7108	1.6712	1.6443	1.6348
	RHO	4.5023	4.4767	4.4053	4.3029	4.1911	4.0914	4.0184	3.9761	3.9624
	P	2.7970	2.7577	2.6474	2.4875	2.3077	2.1383	2.0041	1.9196	1.8911
	U	1.8504	1.8825	1.9746	2.1141	2.2815	2.4522	2.5993	2.6987	2.7338
	V	-0.4692	-0.4685	-0.4664	-0.4631	-0.4585	-0.4522	-0.4442	-0.4368	-0.4337
	W	0.0	0.1732	0.3230	0.4285	0.4733	0.4476	0.3502	0.1925	0.0000
0.500	A	1.8631	1.8551	1.8319	1.7962	1.7527	1.7077	1.6688	1.6425	1.6333
	RHO	4.4774	4.4539	4.3876	4.2914	4.1835	4.0837	4.0068	3.9598	3.9441
	P	2.7754	2.7370	2.6293	2.4725	2.2953	2.1267	1.9925	1.9076	1.8788
	U	1.8404	1.8728	1.9655	2.1058	2.2739	2.4448	2.5919	2.6911	2.7262
	V	-0.5481	-0.5473	-0.5449	-0.5412	-0.5363	-0.5288	-0.5196	-0.5111	-0.5075
	W	0.0	0.1784	0.3326	0.4410	0.4867	0.4597	0.3591	0.1971	0.0000
0.600	A	1.8608	1.8526	1.8292	1.7932	1.7496	1.7048	1.6663	1.6406	1.6316
	RHO	4.4494	4.4277	4.3663	4.2757	4.1716	4.0718	3.9917	3.9408	3.9235
	P	2.7510	2.7137	2.6087	2.4551	2.2803	2.1133	1.9792	1.8941	1.8651
	U	1.8296	1.8621	1.9553	2.0962	2.2647	2.4360	2.5833	2.6827	2.7177
	V	-0.6232	-0.6223	-0.6197	-0.6155	-0.6098	-0.6017	-0.5916	-0.5822	-0.5782
	W	0.0	0.1830	0.3410	0.4517	0.4983	0.4697	0.3663	0.2008	0.0000
0.700	A	1.8582	1.8500	1.8263	1.7901	1.7465	1.7020	1.6639	1.6385	1.6297
	RHO	4.4186	4.3987	4.3418	4.2565	4.1563	4.0565	3.9737	3.9195	3.9007
	P	2.7244	2.6882	2.5859	2.4358	2.2637	2.0983	1.9645	1.8792	1.8500
	U	1.8179	1.8506	1.9441	2.0855	2.2545	2.4261	2.5738	2.6734	2.7086
	V	-0.6948	-0.6938	-0.6909	-0.6864	-0.6801	-0.6714	-0.6604	-0.6504	-0.6462
	W	0.0	0.1870	0.3483	0.4611	0.5077	0.4780	0.3722	0.2038	0.0000
0.800	A	1.8554	1.8471	1.8233	1.7870	1.7434	1.6991	1.6614	1.6364	1.6276
	RHO	4.3855	4.3672	4.3147	4.2344	4.1374	4.0383	3.9532	3.8962	3.8761
	P	2.6959	2.6608	2.5614	2.4147	2.2456	2.0819	1.9485	1.8630	1.8337
	U	1.8056	1.8384	1.9322	2.0739	2.2433	2.4154	2.5635	2.6635	2.6988
	V	-0.7633	-0.7622	-0.7590	-0.7541	-0.7473	-0.7380	-0.7265	-0.7161	-0.7117
	W	0.0	0.1906	0.3549	0.4693	0.5163	0.4851	0.3770	0.2062	0.0000
0.900	A	1.8524	1.8441	1.8201	1.7838	1.7403	1.5962	1.6588	1.6340	1.6254
	RHO	4.3503	4.3337	4.2852	4.2098	4.1162	4.0176	3.9305	3.8709	3.8497
	P	2.6657	2.6316	2.5351	2.3921	2.2261	2.0641	1.9313	1.8456	1.8162
	U	1.7928	1.8257	1.9197	2.0617	2.2315	2.4041	2.5527	2.6531	2.6885
	V	-0.8290	-0.8278	-0.8243	-0.8189	-0.8117	-0.8020	-0.7902	-0.7794	-0.7750
	W	0.0	0.1939	0.3607	0.4765	0.5233	0.4911	0.3811	0.2081	0.0000
1.000	A	1.8492	1.8409	1.8169	1.7805	1.7371	1.6933	1.6562	1.6316	1.6230
	RHO	4.3132	4.2981	4.2536	4.1829	4.0926	3.9947	3.9058	3.8438	3.8216
	P	2.6339	2.6010	2.5074	2.3681	2.2053	2.0453	1.9130	1.8272	1.7977
THS/THC		1.2582	1.2572	1.2539	1.2484	1.2405	1.2310	1.2214	1.2142	1.2115

M= 5.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI		PHI 0.0
	U	3.0319
	V	0.0000
	W	0.0
-0.000	A	2.0400
	RHO	4.7967
	P	2.2813
	U	3.0319
	V	-0.0269
	W	0.0
0.025	A	2.0399
	RHO	4.7965
	P	2.2812
	U	3.0317
	V	-0.0535
	W	0.0
0.050	A	2.0399
	RHO	4.7959
	P	2.2808
	U	3.0310
	V	-0.1056
	W	0.0
0.100	A	2.0397
	RHO	4.7935
	P	2.2792
	U	3.0284
	V	-0.2061
	W	0.0
0.200	A	2.0389
	RHO	4.7847
	P	2.2733
	U	3.0242
	V	-0.3020
	W	0.0
0.300	A	2.0378
	RHO	4.7712
	P	2.2643
	U	3.0187
	V	-0.3938
	W	0.0
0.400	A	2.0363
	RHO	4.7536
	P	2.2526
	U	3.0120
	V	-0.4819
	W	0.0
0.500	A	2.0345
	RHO	4.7324
	P	2.2386
	U	3.0043
	V	-0.5666
	W	0.0
0.600	A	2.0324
	RHO	4.7082
	P	2.2226
	U	2.9957
	V	-0.6483
	W	0.0
0.700	A	2.0300
	RHO	4.6812
	P	2.2048
	U	2.9863
	V	-0.7272
	W	0.0
0.800	A	2.0275
	RHO	4.6516
	P	2.1853
	U	2.9761
	V	-0.8037
	W	0.0
0.900	A	2.0247
	RHO	4.6196
	P	2.1643
	U	2.9654
	V	-0.8780
	W	0.0
1.000	A	2.0217
	RHO	4.5854
	P	2.1418

THS/THC 1.1917

M= 5.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.9963	2.9973	3.0003	3.0047	3.0099	3.0151	3.0196	3.0225	3.0235
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0074	0.0136	0.0178	0.0193	0.0178	0.0136	0.0074	0.0000
0.0	A	2.0505	2.0502	2.0493	2.0480	2.0465	2.0449	2.0436	2.0428	2.0425
	RHO	4.8128	4.8092	4.7990	4.7838	4.7659	4.7480	4.7330	4.7229	4.7194
	P	2.3126	2.3102	2.3033	2.2931	2.2811	2.2691	2.2591	2.2524	2.2500
	U	2.9962	2.9989	3.0064	3.0178	3.0314	3.0450	3.0566	3.0644	3.0671
	V	-0.0270	-0.0270	-0.0270	-0.0270	-0.0269	-0.0269	-0.0269	-0.0269	-0.0268
	W	0.0	0.0092	0.0171	0.0223	0.0241	0.0222	0.0170	0.0092	0.0000
0.025	A	2.0505	2.0497	2.0474	2.0441	2.0401	2.0360	2.0325	2.0302	2.0294
	RHO	4.8126	4.8112	4.8074	4.8018	4.7955	4.7894	4.7844	4.7812	4.7801
	P	2.3124	2.3100	2.3032	2.2929	2.2809	2.2690	2.2589	2.2522	2.2499
	U	2.9960	2.9987	3.0063	3.0177	3.0313	3.0449	3.0565	3.0642	3.0670
	V	-0.0537	-0.0537	-0.0536	-0.0536	-0.0535	-0.0534	-0.0534	-0.0534	-0.0533
	W	0.0	0.0100	0.0185	0.0241	0.0261	0.0241	0.0185	0.0100	0.0000
0.050	A	2.0504	2.0496	2.0474	2.0440	2.0400	2.0359	2.0325	2.0301	2.0293
	RHO	4.8119	4.8106	4.8068	4.8013	4.7950	4.7889	4.7839	4.7807	4.7795
	P	2.3120	2.3096	2.3027	2.2925	2.2805	2.2686	2.2585	2.2518	2.2495
	U	2.9953	2.9980	3.0056	3.0171	3.0306	3.0442	3.0558	3.0636	3.0663
	V	-0.1060	-0.1059	-0.1059	-0.1058	-0.1056	-0.1055	-0.1054	-0.1053	-0.1053
	W	0.0	0.0110	0.0204	0.0266	0.0289	0.0267	0.0204	0.0111	0.0000
0.100	A	2.0502	2.0494	2.0472	2.0438	2.0398	2.0357	2.0323	2.0299	2.0291
	RHO	4.8096	4.8082	4.8045	4.7991	4.7928	4.7867	4.7816	4.7783	4.7772
	P	2.3104	2.3080	2.3012	2.2909	2.2793	2.2670	2.2570	2.2503	2.2479
	U	2.9927	2.9954	3.0030	3.0145	3.0281	3.0417	3.0532	3.0610	3.0637
	V	-0.2068	-0.2068	-0.2066	-0.2064	-0.2061	-0.2059	-0.2056	-0.2055	-0.2054
	W	0.0	0.0124	0.0229	0.0300	0.0325	0.0301	0.0231	0.0125	0.0000
0.200	A	2.0494	2.0486	2.0464	2.0430	2.0390	2.0349	2.0315	2.0292	2.0284
	RHO	4.8007	4.7994	4.7957	4.7904	4.7841	4.7780	4.7729	4.7696	4.7684
	P	2.3044	2.3020	2.2952	2.2851	2.2731	2.2612	2.2512	2.2445	2.2422
	U	2.9885	2.9912	2.9988	3.0103	3.0239	3.0376	3.0491	3.0568	3.0596
	V	-0.3031	-0.3030	-0.3028	-0.3024	-0.3020	-0.3016	-0.3013	-0.3010	-0.3010
	W	0.0	0.0134	0.0247	0.0324	0.0351	0.0324	0.0249	0.0135	0.0000
0.300	A	2.0483	2.0475	2.0452	2.0418	2.0378	2.0338	2.0303	2.0280	2.0272
	RHO	4.7870	4.7858	4.7822	4.7769	4.7707	4.7646	4.7595	4.7562	4.7550
	P	2.2953	2.2929	2.2861	2.2760	2.2641	2.2523	2.2423	2.2356	2.2333
	U	2.9829	2.9856	2.9933	3.0048	3.0185	3.0321	3.0437	3.0514	3.0541
	V	-0.3952	-0.3951	-0.3948	-0.3944	-0.3938	-0.3933	-0.3928	-0.3925	-0.3924
	W	0.0	0.0141	0.0261	0.0342	0.0370	0.0343	0.0263	0.0142	0.0000
0.400	A	2.0468	2.0460	2.0437	2.0403	2.0363	2.0323	2.0288	2.0265	2.0257
	RHO	4.7693	4.7680	4.7645	4.7593	4.7532	4.7471	4.7421	4.7387	4.7375
	P	2.2834	2.2810	2.2743	2.2642	2.2524	2.2407	2.2308	2.2242	2.2218
	U	2.9762	2.9789	2.9866	2.9982	3.0118	3.0255	3.0371	3.0448	3.0475
	V	-0.4836	-0.4835	-0.4831	-0.4826	-0.4819	-0.4812	-0.4807	-0.4803	-0.4801
	W	0.0	0.0147	0.0272	0.0356	0.0386	0.0357	0.0274	0.0148	0.0000
0.500	A	2.0449	2.0441	2.0419	2.0385	2.0345	2.0304	2.0270	2.0248	2.0239
	RHO	4.7480	4.7467	4.7433	4.7381	4.7321	4.7261	4.7211	4.7178	4.7166
	P	2.2691	2.2667	2.2601	2.2501	2.2384	2.2268	2.2170	2.2104	2.2081
	U	2.9684	2.9711	2.9788	2.9904	3.0041	3.0178	3.0294	3.0372	3.0399
	V	-0.5686	-0.5685	-0.5680	-0.5674	-0.5665	-0.5658	-0.5652	-0.5647	-0.5645
	W	0.0	0.0152	0.0282	0.0369	0.0400	0.0370	0.0283	0.0153	0.0000
0.600	A	2.0428	2.0420	2.0398	2.0364	2.0324	2.0284	2.0250	2.0227	2.0219
	RHO	4.7235	4.7223	4.7189	4.7139	4.7080	4.7021	4.6971	4.6938	4.6926
	P	2.2527	2.2504	2.2438	2.2340	2.2224	2.2109	2.2012	2.1947	2.1924
	U	2.9597	2.9624	2.9701	2.9818	2.9955	3.0092	3.0209	3.0286	3.0314
	V	-0.6506	-0.6504	-0.6499	-0.6492	-0.6483	-0.6474	-0.6467	-0.6461	-0.6460
	W	0.0	0.0157	0.0290	0.0379	0.0411	0.0380	0.0291	0.0158	0.0000
0.700	A	2.0404	2.0396	2.0374	2.0340	2.0300	2.0259	2.0226	2.0204	2.0196
	RHO	4.6962	4.6951	4.6918	4.6868	4.6813	4.6752	4.6703	4.6670	4.6658
	P	2.2345	2.2323	2.2258	2.2160	2.2046	2.1932	2.1836	2.1772	2.1749
	U	2.9501	2.9529	2.9606	2.9723	2.9861	2.9998	3.0115	3.0193	3.0220
	V	-0.7298	-0.7296	-0.7291	-0.7283	-0.7273	-0.7263	-0.7254	-0.7248	-0.7246
	W	0.0	0.0161	0.0297	0.0388	0.0421	0.0389	0.0298	0.0161	0.0000
0.800	A	2.0378	2.0370	2.0348	2.0314	2.0274	2.0235	2.0201	2.0178	2.0170
	RHO	4.6664	4.6652	4.6620	4.6572	4.6515	4.6457	4.6409	4.6377	4.6365
	P	2.2147	2.2124	2.2060	2.1964	2.1851	2.1739	2.1644	2.1580	2.1558
	U	2.9399	2.9426	2.9504	2.9621	2.9759	2.9897	3.0014	3.0093	3.0120
	V	-0.8065	-0.8063	-0.8057	-0.8048	-0.8038	-0.8027	-0.8017	-0.8011	-0.8009
	W	0.0	0.0164	0.0303	0.0396	0.0429	0.0397	0.0304	0.0165	0.0000
0.900	A	2.0350	2.0342	2.0320	2.0286	2.0246	2.0207	2.0173	2.0151	2.0143
	RHO	4.6341	4.6330	4.6298	4.6251	4.6195	4.6139	4.6092	4.6060	4.6048
	P	2.1933	2.1910	2.1847	2.1753	2.1642	2.1531	2.1437	2.1374	2.1352
	U	2.9290	2.9318	2.9396	2.9513	2.9652	2.9790	2.9907	2.9986	3.0014
	V	-0.8810	-0.8808	-0.8802	-0.8792	-0.8780	-0.8768	-0.8758	-0.8751	-0.8749
	W	0.0	0.0167	0.0308	0.0403	0.0437	0.0404	0.0309	0.0168	0.0000
1.000	A	2.0320	2.0312	2.0289	2.0256	2.0216	2.0177	2.0143	2.0121	2.0113
	RHO	4.5995	4.5984	4.5954	4.5908	4.5853	4.5798	4.5751	4.5720	4.5709
	P	2.1704	2.1682	2.1620	2.1527	2.1417	2.1308	2.1215	2.1154	2.1132
THS/THC		1.1931	1.1930	1.1927	1.1922	1.1917	1.1911	1.1907	1.1903	1.1902

M= 5.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.8500	2.8554	2.8710	2.8943	2.9219	2.9494	2.9728	2.9884	2.9939
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0388	0.0718	0.0939	0.1018	0.0941	0.0720	0.0389	0.0000
0.0	A	2.0918	2.0902	2.0858	2.0791	2.0713	2.0636	2.0570	2.0527	2.0512
	RHO	4.8740	4.8558	4.8044	4.7285	4.6405	4.5543	4.4826	4.4354	4.4189
	P	2.4373	2.4246	2.3887	2.3361	2.2754	2.2165	2.1677	2.1359	2.1248
	U	2.8499	2.8623	2.8982	2.9529	3.0195	3.0883	3.1486	3.1899	3.2047
	V	-0.0274	-0.0273	-0.0273	-0.0271	-0.0270	-0.0268	-0.0267	-0.0266	-0.0265
	W	0.0	0.0466	0.0859	0.1120	0.1208	0.1112	0.0848	0.0458	0.0000
0.025	A	2.0918	2.0883	2.0781	2.0624	2.0429	2.0223	2.0039	1.9910	1.9864
	RHO	4.8738	4.8646	4.8397	4.8056	4.7705	4.7418	4.7232	4.7140	4.7114
	P	2.4371	2.4244	2.3886	2.3360	2.2754	2.2164	2.1676	2.1357	2.1247
	U	2.8497	2.8624	2.8988	2.9542	3.0211	3.0897	3.1494	3.1901	3.2045
	V	-0.0544	-0.0543	-0.0541	-0.0539	-0.0536	-0.0533	-0.0530	-0.0528	-0.0527
	W	0.0	0.0500	0.0924	0.1207	0.1307	0.1208	0.0925	0.0501	0.0000
0.050	A	2.0917	2.0881	2.0778	2.0618	2.0422	2.0217	2.0035	1.9909	1.9864
	RHO	4.8731	4.8644	4.8405	4.8074	4.7730	4.7441	4.7244	4.7140	4.7108
	P	2.4367	2.4240	2.3882	2.3356	2.2750	2.2160	2.1673	2.1354	2.1243
	U	2.8490	2.8619	2.8989	2.9549	3.0221	3.0906	3.1497	3.1897	3.2038
	V	-0.1074	-0.1073	-0.1069	-0.1064	-0.1058	-0.1052	-0.1046	-0.1042	-0.1041
	W	0.0	0.0548	0.1014	0.1329	0.1443	0.1339	0.1029	0.0558	0.0000
0.100	A	2.0915	2.0878	2.0772	2.0610	2.0413	2.0208	2.0029	1.9906	1.9862
	RHO	4.8707	4.8624	4.8397	4.8079	4.7742	4.7450	4.7241	4.7123	4.7085
	P	2.4350	2.4223	2.3866	2.3341	2.2736	2.2146	2.1658	2.1339	2.1228
	U	2.8462	2.8593	2.8968	2.9535	3.0211	3.0894	3.1480	3.1874	3.2013
	V	-0.2097	-0.2095	-0.2089	-0.2078	-0.2066	-0.2052	-0.2040	-0.2031	-0.2028
	W	0.0	0.0613	0.1137	0.1493	0.1625	0.1512	0.1164	0.0633	0.0000
0.200	A	2.0907	2.0869	2.0761	2.0597	2.0398	2.0194	2.0018	1.9897	1.9855
	RHO	4.8615	4.8538	4.8325	4.8023	4.7695	4.7400	4.7178	4.7044	4.7000
	P	2.4286	2.4160	2.3805	2.3283	2.2680	2.2092	2.1605	2.1286	2.1175
	U	2.8417	2.8550	2.8929	2.9499	3.0177	3.0860	3.1443	3.1836	3.1974
	V	-0.3075	-0.3071	-0.3062	-0.3046	-0.3027	-0.3007	-0.2987	-0.2974	-0.2969
	W	0.0	0.0660	0.1224	0.1608	0.1752	0.1630	0.1256	0.0683	0.0000
0.300	A	2.0895	2.0857	2.0747	2.0581	2.0382	2.0179	2.0004	1.9885	1.9844
	RHO	4.8474	4.8401	4.8199	4.7909	4.7588	4.7292	4.7061	4.6918	4.6870
	P	2.4187	2.4063	2.3711	2.3193	2.2593	2.2008	2.1522	2.1203	2.1093
	U	2.8359	2.8493	2.8874	2.9446	3.0126	3.0810	3.1393	3.1784	3.1922
	V	-0.4010	-0.4005	-0.3993	-0.3973	-0.3947	-0.3920	-0.3894	-0.3876	-0.3869
	W	0.0	0.0697	0.1292	0.1698	0.1850	0.1722	0.1326	0.0721	0.0000
0.400	A	2.0879	2.0840	2.0730	2.0563	2.0364	2.0161	1.9988	1.9871	1.9829
	RHO	4.8290	4.8221	4.8028	4.7748	4.7436	4.7138	4.6902	4.6753	4.6701
	P	2.4059	2.3936	2.3588	2.3075	2.2480	2.1898	2.1415	2.1097	2.0986
	U	2.8288	2.8423	2.8805	2.9380	3.0062	3.0747	3.1330	3.1721	3.1859
	V	-0.4907	-0.4902	-0.4886	-0.4861	-0.4830	-0.4796	-0.4764	-0.4742	-0.4733
	W	0.0	0.0727	0.1349	0.1771	0.1930	0.1795	0.1382	0.0751	0.0000
0.500	A	2.0860	2.0821	2.0710	2.0543	2.0343	2.0142	1.9969	1.9853	1.9812
	RHO	4.8069	4.8004	4.7819	4.7549	4.7242	4.6947	4.6708	4.6553	4.6500
	P	2.3905	2.3783	2.3440	2.2933	2.2344	2.1766	2.1286	2.0970	2.0860
	U	2.8207	2.8342	2.8726	2.9303	2.9986	3.0672	3.1256	3.1648	3.1785
	V	-0.5769	-0.5763	-0.5744	-0.5715	-0.5678	-0.5638	-0.5601	-0.5575	-0.5565
	W	0.0	0.0753	0.1396	0.1833	0.1997	0.1856	0.1429	0.0776	0.0000
0.600	A	2.0838	2.0799	2.0688	2.0520	2.0320	2.0120	1.9948	1.9833	1.9792
	RHO	4.7816	4.7753	4.7577	4.7317	4.7016	4.6724	4.6482	4.6324	4.6269
	P	2.3728	2.3609	2.3271	2.2770	2.2187	2.1615	2.1139	2.0824	2.0715
	U	2.8116	2.8251	2.8636	2.9215	2.9903	3.0588	3.1173	3.1566	3.1703
	V	-0.6600	-0.6593	-0.6571	-0.6538	-0.6496	-0.6450	-0.6408	-0.6378	-0.6367
	W	0.0	0.0775	0.1437	0.1886	0.2053	0.1908	0.1468	0.0797	0.0000
0.700	A	2.0813	2.0774	2.0663	2.0495	2.0296	2.0095	1.9925	1.9811	1.9770
	RHO	4.7533	4.7474	4.7305	4.7054	4.6761	4.6471	4.6228	4.6068	4.6011
	P	2.3532	2.3415	2.3082	2.2588	2.2013	2.1447	2.0974	2.0662	2.0554
	U	2.8016	2.8152	2.8539	2.9119	2.9806	3.0496	3.1082	3.1476	3.1614
	V	-0.7402	-0.7394	-0.7370	-0.7333	-0.7286	-0.7235	-0.7188	-0.7155	-0.7143
	W	0.0	0.0795	0.1473	0.1932	0.2103	0.1953	0.1502	0.0815	0.0000
0.800	A	2.0786	2.0747	2.0635	2.0467	2.0269	2.0069	1.9899	1.9786	1.9746
	RHO	4.7224	4.7167	4.7006	4.6765	4.6483	4.6193	4.5950	4.5787	4.5730
	P	2.3316	2.3203	2.2875	2.2389	2.1823	2.1263	2.0795	2.0486	2.0378
	U	2.7910	2.8046	2.8433	2.9015	2.9704	3.0396	3.0984	3.1378	3.1517
	V	-0.8179	-0.8170	-0.8143	-0.8102	-0.8051	-0.7995	-0.7944	-0.7908	-0.7895
	W	0.0	0.0812	0.1504	0.1973	0.2146	0.1992	0.1531	0.0831	0.0000
0.900	A	2.0756	2.0717	2.0606	2.0438	2.0243	2.0041	1.9872	1.9759	1.9720
	RHO	4.6889	4.6836	4.6683	4.6451	4.6173	4.5890	4.5647	4.5483	4.5425
	P	2.3087	2.2974	2.2653	2.2175	2.1617	2.1064	2.0601	2.0295	2.0188
	U	2.7797	2.7933	2.8322	2.8905	2.9596	3.0290	3.0880	3.1275	3.1414
	V	-0.8932	-0.8922	-0.8893	-0.8849	-0.8793	-0.8733	-0.8678	-0.8639	-0.8625
	W	0.0	0.0827	0.1532	0.2009	0.2183	0.2026	0.1556	0.0844	0.0000
1.000	A	2.0725	2.0686	2.0574	2.0407	2.0209	2.0011	1.9843	1.9731	1.9691
	RHO	4.6531	4.6481	4.6335	4.6113	4.5843	4.5564	4.5322	4.5157	4.5098
	P	2.2841	2.2730	2.2415	2.1946	2.1397	2.0852	2.0394	2.0091	1.9985
THS/THC		1.1994	1.1990	1.1976	1.1954	1.1928	1.1899	1.1874	1.1857	1.1850

M= 5.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.6583	2.6699	2.7028	2.7525	2.8115	2.8708	2.9211	2.9546	2.9663
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0821	0.1524	0.2005	0.2184	0.2025	0.1548	0.0835	0.0000
0.0	A	2.1417	2.1385	2.1294	2.1158	2.0999	2.0841	2.0709	2.0622	2.0592
	RHO	4.9442	4.9075	4.8042	4.6530	4.4805	4.3147	4.1798	4.0926	4.0627
	P	2.5917	2.5648	2.4895	2.3806	2.2579	2.1418	2.0486	1.9891	1.9687
	U	2.6582	2.6812	2.7480	2.8520	2.9817	3.1208	3.2472	3.3363	3.3686
	V	-0.0279	-0.0278	-0.0277	-0.0274	-0.0272	-0.0268	-0.0265	-0.0263	-0.0262
	W	0.0	0.0942	0.1739	0.2264	0.2436	0.2232	0.1692	0.0911	0.0000
0.025	A	2.1416	2.1355	2.1174	2.0887	2.0518	2.0105	1.9711	1.9422	1.9314
	RHO	4.9440	4.9210	4.8586	4.7745	4.6931	4.6365	4.6135	4.6140	4.6175
	P	2.5916	2.5647	2.4895	2.3806	2.2580	2.1418	2.0486	1.9890	1.9686
	U	2.6580	2.6818	2.7508	2.8573	2.9887	3.1274	3.2513	3.3375	3.3684
	V	-0.0554	-0.0552	-0.0549	-0.0544	-0.0539	-0.0533	-0.0527	-0.0523	-0.0521
	W	0.0	0.1002	0.1853	0.2423	0.2624	0.2425	0.1858	0.1007	0.0000
0.050	A	2.1416	2.1352	2.1164	2.0868	2.0492	2.0079	1.9694	1.9416	1.9314
	RHO	4.9434	4.9216	4.8626	4.7828	4.7046	4.6480	4.6212	4.6160	4.6169
	P	2.5911	2.5643	2.4891	2.3804	2.2578	2.1416	2.0483	1.9887	1.9683
	U	2.6572	2.6819	2.7530	2.8620	2.9950	3.1331	3.2546	3.3381	3.3678
	V	-0.1094	-0.1092	-0.1086	-0.1076	-0.1065	-0.1052	-0.1040	-0.1031	-0.1027
	W	0.0	0.1088	0.2017	0.2649	0.2886	0.2688	0.2075	0.1131	0.0000
0.100	A	2.1414	2.1346	2.1151	2.0846	2.0462	2.0050	1.9674	1.9408	1.9312
	RHO	4.9408	4.9206	4.8656	4.7907	4.7160	4.6591	4.6277	4.6166	4.6147
	P	2.5892	2.5625	2.4876	2.3791	2.2567	2.1406	2.0472	1.9874	1.9669
	U	2.6542	2.6797	2.7530	2.8644	2.9988	3.1364	3.2557	3.3367	3.3654
	V	-0.2137	-0.2133	-0.2122	-0.2103	-0.2083	-0.2053	-0.2027	-0.2005	-0.1997
	W	0.0	0.1210	0.2248	0.2963	0.3244	0.3038	0.2355	0.1287	0.0000
0.200	A	2.1405	2.1335	2.1131	2.0815	2.0425	2.0014	1.9649	1.9396	1.9305
	RHO	4.9313	4.9131	4.8632	4.7944	4.7237	4.6661	4.6293	4.6114	4.6065
	P	2.5822	2.5558	2.4817	2.3740	2.2521	2.1361	2.0426	1.9826	1.9620
	U	2.6495	2.6755	2.7499	2.8626	2.9977	3.1352	3.2535	3.3334	3.3616
	V	-0.3133	-0.3127	-0.3111	-0.3084	-0.3049	-0.3008	-0.2967	-0.2933	-0.2921
	W	0.0	0.1300	0.2416	0.3188	0.3496	0.3277	0.2543	0.1390	0.0000
0.300	A	2.1392	2.1320	2.1111	2.0789	2.0395	1.9986	1.9628	1.9382	1.9295
	RHO	4.9166	4.8999	4.8538	4.7893	4.7213	4.6633	4.6229	4.6008	4.5940
	P	2.5714	2.5454	2.4721	2.3655	2.2445	2.1289	2.0353	1.9752	1.9546
	U	2.6433	2.6695	2.7447	2.8583	2.9940	3.1314	3.2493	3.3287	3.3567
	V	-0.4086	-0.4078	-0.4056	-0.4022	-0.3975	-0.3921	-0.3865	-0.3821	-0.3804
	W	0.0	0.1371	0.2550	0.3366	0.3692	0.3461	0.2685	0.1467	0.0000
0.400	A	2.1376	2.1302	2.1089	2.0763	2.0367	1.9960	1.9606	1.9366	1.9281
	RHO	4.8974	4.8819	4.8391	4.7784	4.7127	4.6543	4.6113	4.5861	4.5779
	P	2.5574	2.5317	2.4595	2.3542	2.2343	2.1192	2.0259	1.9657	1.9450
	U	2.6357	2.6622	2.7380	2.8522	2.9883	3.1259	3.2436	3.3228	3.3507
	V	-0.4998	-0.4989	-0.4963	-0.4920	-0.4863	-0.4796	-0.4727	-0.4672	-0.4651
	W	0.0	0.1432	0.2662	0.3513	0.3852	0.3609	0.2798	0.1528	0.0000
0.500	A	2.1356	2.1281	2.1065	2.0736	2.0343	1.9934	1.9584	1.9348	1.9265
	RHO	4.8743	4.8600	4.8201	4.7627	4.6992	4.6407	4.5957	4.5680	4.5587
	P	2.5405	2.5153	2.4443	2.3405	2.2218	2.1076	2.0145	1.9543	1.9336
	U	2.6270	2.6537	2.7299	2.8446	2.9811	3.1189	3.2367	3.3158	3.3437
	V	-0.5875	-0.5864	-0.5833	-0.5783	-0.5716	-0.5636	-0.5555	-0.5491	-0.5467
	W	0.0	0.1483	0.2758	0.3638	0.3986	0.3731	0.2890	0.1577	0.0000
0.600	A	2.1332	2.1256	2.1039	2.0708	2.0311	1.9908	1.9561	1.9328	1.9246
	RHO	4.8478	4.8346	4.7974	4.7432	4.6817	4.6233	4.5766	4.5469	4.5368
	P	2.5212	2.4965	2.4268	2.3246	2.2073	2.0940	2.0014	1.9413	1.9206
	U	2.6174	2.6442	2.7206	2.8358	2.9727	3.1108	3.2287	3.3080	3.3359
	V	-0.6718	-0.6705	-0.6670	-0.6613	-0.6535	-0.6445	-0.6353	-0.6281	-0.6254
	W	0.0	0.1525	0.2841	0.3745	0.4100	0.3835	0.2967	0.1618	0.0000
0.700	A	2.1306	2.1230	2.1011	2.0679	2.0282	1.9880	1.9536	1.9306	1.9225
	RHO	4.8182	4.8061	4.7715	4.7203	4.6608	4.6027	4.5546	4.5232	4.5123
	P	2.4997	2.4756	2.4073	2.3068	1911	2.0789	1.9867	1.9268	1.9061
	U	2.6069	2.6337	2.7105	2.8260	2.9633	3.1017	3.2199	3.2993	3.3273
	V	-0.7532	-0.7518	-0.7478	-0.7413	-0.7327	-0.7226	-0.7124	-0.7045	-0.7015
	W	0.0	0.1569	0.2914	0.3839	0.4203	0.3923	0.3032	0.1652	0.0000
0.800	A	2.1278	2.1201	2.0981	2.0648	2.0251	1.9851	1.9510	1.9282	1.9203
	RHO	4.7859	4.7747	4.7427	4.6944	4.6369	4.5792	4.5300	4.4971	4.4856
	P	2.4763	2.4527	2.3859	2.2873	2.1733	2.0623	1.9707	1.9110	1.8903
	U	2.5956	2.6225	2.6995	2.8153	2.9530	3.0918	3.2104	3.2900	3.3180
	V	-0.8319	-0.8303	-0.8258	-0.8186	-0.8092	-0.7982	-0.7871	-0.7786	-0.7753
	W	0.0	0.1604	0.2979	0.3922	0.4286	0.4000	0.3089	0.1681	0.0000
0.900	A	2.1247	2.1169	2.0948	2.0615	2.0219	1.9821	1.9483	1.9257	1.9178
	RHO	4.7511	4.7408	4.7112	4.6657	4.6103	4.5530	4.5030	4.4688	4.4567
	P	2.4511	2.4281	2.3628	2.2662	2.1541	2.0443	1.9534	1.8939	1.8733
	U	2.5837	2.6107	2.6879	2.8040	2.9423	3.0812	3.2001	3.2801	3.3082
	V	-0.9081	-0.9064	-0.9014	-0.8935	-0.8832	-0.8714	-0.8596	-0.8506	-0.8471
	W	0.0	0.1636	0.3037	0.3996	0.4363	0.4067	0.3137	0.1707	0.0000
1.000	A	2.1213	2.1136	2.0914	2.0581	2.0186	1.9790	1.9453	1.9229	1.9151
	RHO	4.7138	4.7045	4.6772	4.6345	4.5811	4.5244	4.4736	4.4383	4.4257
	P	2.4242	2.4018	2.3381	2.2436	2.1334	2.0250	1.9348	1.8756	1.8550
THS/THC		1.2086	1.2078	1.2053	1.2014	1.1962	1.1903	1.1848	1.1809	1.1794

M= 5.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	2.4560	2.4742	2.5264	2.6054	2.7003	2.7957	2.8772	2.9314	2.9502
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1296	0.2417	0.3201	0.3515	0.3279	0.2509	0.1345	0.0000
	A	2.1894	2.1846	2.1707	2.1498	2.1254	2.1013	2.0813	2.0683	2.0638
	RHO	5.0084	4.9528	4.7972	4.5716	4.3174	4.0778	3.8876	3.7677	3.7270
	P	2.7438	2.7013	2.5832	2.4147	2.2289	2.0577	1.9246	1.8420	1.8142
0.025	U	2.4559	2.4880	2.5816	2.7288	2.9168	3.1260	3.3250	3.4704	3.5237
	V	-0.0285	-0.0284	-0.0282	-0.0278	-0.0274	-0.0270	-0.0265	-0.0261	-0.0259
	W	0.0	0.1434	0.2650	0.3455	0.3712	0.3381	0.2546	0.1364	0.0000
	A	2.1894	2.1812	2.1570	2.1181	2.0666	2.0057	1.9432	1.8940	1.8752
	RHO	5.0081	4.9679	4.8582	4.7099	4.5672	4.4760	4.4600	4.4926	4.5139
	P	2.7436	2.7012	2.5833	2.4150	2.2292	2.0579	1.9246	1.8419	1.8141
0.050	U	2.4557	2.4894	2.5873	2.7403	2.9327	3.1420	3.3355	3.4736	3.5236
	V	-0.0565	-0.0564	-0.0559	-0.0552	-0.0543	-0.0535	-0.0526	-0.0519	-0.0516
	W	0.0	0.1510	0.2796	0.3660	0.3964	0.3659	0.2802	0.1521	0.0000
	A	2.1894	2.1807	2.1552	2.1144	2.0610	1.9996	1.9387	1.8925	1.8752
	RHO	5.0075	4.9695	4.8662	4.7267	4.5921	4.5036	4.4802	4.4991	4.5133
	P	2.7431	2.7008	2.5831	2.4150	2.2293	2.0579	1.9245	1.8416	1.8137
0.100	U	2.4548	2.4902	2.5928	2.7514	2.9479	3.1568	3.3448	3.4760	3.5230
	V	-0.1117	-0.1114	-0.1105	-0.1091	-0.1075	-0.1057	-0.1039	-0.1022	-0.1015
	W	0.0	0.1624	0.3015	0.3966	0.4332	0.4048	0.3141	0.1721	0.0000
	A	2.1891	2.1799	2.1529	2.1100	2.0548	1.9930	1.9341	1.8909	1.8750
	RHO	5.0048	4.9698	4.8744	4.7452	4.6193	4.5325	4.5000	4.5042	4.5111
	P	2.7411	2.6990	2.5819	2.4144	2.2289	2.0575	1.9237	1.8405	1.8125
0.200	U	2.4516	2.4888	2.5959	2.7601	2.9602	3.1683	3.3511	3.4763	3.5207
	V	-0.2182	-0.2176	-0.2160	-0.2135	-0.2103	-0.2066	-0.2024	-0.1985	-0.1970
	W	0.0	0.1792	0.3335	0.4408	0.4850	0.4572	0.3575	0.1968	0.0000
	A	2.1882	2.1784	2.1495	2.1044	2.0473	1.9855	1.9288	1.8888	1.8743
	RHO	4.9948	4.9638	4.8788	4.7627	4.6467	4.5602	4.5162	4.5040	4.5032
	P	2.7334	2.6920	2.5763	2.4104	2.2259	2.0545	1.9202	1.8363	1.8080
0.300	U	2.4465	2.4846	2.5943	2.7614	2.9633	3.1709	3.3513	3.4738	3.5171
	V	-0.3197	-0.3189	-0.3166	-0.3131	-0.3085	-0.3028	-0.2961	-0.2901	-0.2876
	W	0.0	0.1920	0.3576	0.4735	0.5222	0.4935	0.3864	0.2127	0.0000
	A	2.1869	2.1766	2.1467	2.1001	2.0421	1.9804	1.9252	1.8870	1.8733
	RHO	4.9794	4.9514	4.8743	4.7676	4.6582	4.5713	4.5192	4.4968	4.4912
	P	2.7216	2.6809	2.5671	2.4031	2.2200	2.0490	1.9143	1.8299	1.8013
0.400	U	2.4398	2.4786	2.5899	2.7588	2.9618	3.1693	3.3485	3.4696	3.5124
	V	-0.4166	-0.4156	-0.4128	-0.4083	-0.4023	-0.3946	-0.3855	-0.3775	-0.3742
	W	0.0	0.2024	0.3772	0.4998	0.5516	0.5213	0.4079	0.2243	0.0000
	A	2.1851	2.1745	2.1438	2.0963	2.0377	1.9763	1.9221	1.8851	1.8721
	RHO	4.9593	4.9339	4.8636	4.7649	4.6607	4.5733	4.5150	4.4849	4.4759
	P	2.7062	2.6663	2.5546	2.3930	2.2117	2.0413	1.9064	1.8215	1.7927
0.500	U	2.4317	2.4709	2.5833	2.7535	2.9575	3.1650	3.3436	3.4641	3.5066
	V	-0.5094	-0.5082	-0.5048	-0.4994	-0.4920	-0.4824	-0.4712	-0.4613	-0.4573
	W	0.0	0.2113	0.3938	0.5218	0.5756	0.5436	0.4248	0.2333	0.0000
	A	2.1830	2.1722	2.1409	2.0927	2.0337	1.9725	1.9193	1.8832	1.8705
	RHO	4.9352	4.9121	4.8480	4.7564	4.6569	4.5691	4.5057	4.4694	4.4577
	P	2.6878	2.6488	2.5394	2.3805	2.2012	2.0317	1.8968	1.8115	1.7825
0.600	U	2.4224	2.4620	2.5752	2.7463	2.9510	3.1588	3.3373	3.4575	3.4999
	V	-0.5984	-0.5970	-0.5929	-0.5866	-0.5779	-0.5666	-0.5534	-0.5419	-0.5372
	W	0.0	0.2191	0.4082	0.5406	0.5959	0.5621	0.4385	0.2405	0.0000
	A	2.1805	2.1695	2.1378	2.0891	2.0299	1.9690	1.9165	1.8812	1.8688
	RHO	4.9075	4.8867	4.8282	4.7432	4.6480	4.5600	4.4923	4.4509	4.4370
	P	2.6667	2.6287	2.5217	2.3658	2.1888	2.0205	1.8857	1.8001	1.7709
0.700	U	2.4121	2.4519	2.5657	2.7376	2.9429	3.1511	3.3297	3.4500	3.4924
	V	-0.6839	-0.6822	-0.6776	-0.6703	-0.6604	-0.6475	-0.6326	-0.6196	-0.6143
	W	0.0	0.2260	0.4208	0.5570	0.6133	0.5776	0.4499	0.2464	0.0000
	A	2.1778	2.1666	2.1345	2.0855	2.0262	1.9656	1.9137	1.8790	1.8668
	RHO	4.8767	4.8580	4.8049	4.7261	4.6351	4.5470	4.4756	4.4297	4.4139
	P	2.6433	2.6063	2.5019	2.3491	2.1747	2.0078	1.8732	1.7874	1.7581
0.800	U	2.4009	2.4409	2.5551	2.7276	2.9335	3.1421	3.3211	3.4417	3.4842
	V	-0.7662	-0.7644	-0.7591	-0.7508	-0.7396	-0.7253	-0.7089	-0.6947	-0.6890
	W	0.0	0.2321	0.4321	0.5714	0.6285	0.5909	0.4594	0.2513	0.0000
	A	2.1748	2.1635	2.1311	2.0818	2.0225	1.9622	1.9108	1.8766	1.8647
	RHO	4.8430	4.8263	4.7783	4.7056	4.6185	4.5306	4.4560	4.4062	4.3887
	P	2.6178	2.5818	2.4802	2.3307	2.1591	1.9936	1.8594	1.7734	1.7440
0.900	U	2.3890	2.4291	2.5437	2.7167	2.9231	3.1322	3.3117	3.4327	3.4753
	V	-0.8457	-0.8436	-0.8377	-0.8285	-0.8161	-0.8004	-0.7827	-0.7675	-0.7614
	W	0.0	0.2376	0.4421	0.5842	0.6417	0.6024	0.4676	0.2554	0.0000
	A	2.1715	2.1602	2.1276	2.0781	2.0188	1.9588	1.9079	1.8742	1.8624
	RHO	4.8068	4.7920	4.7489	4.6819	4.5988	4.5112	4.4337	4.3805	4.3615
	P	2.5905	2.5555	2.4567	2.3107	2.1423	1.9783	1.8446	1.7584	1.7289
1.000	U	2.3764	2.4166	2.5314	2.7048	2.9118	3.1216	3.3016	3.4230	3.4658
	V	-0.9226	-0.9203	-0.9137	-0.9035	-0.8899	-0.8730	-0.8542	-0.8382	-0.8319
	W	0.0	0.2426	0.4512	0.5957	0.6534	0.6124	0.4745	0.2589	0.0000
	A	2.1680	2.1566	2.1238	2.0743	2.0151	1.9554	1.9050	1.8715	1.8599
	RHO	4.7681	4.7551	4.7168	4.6554	4.5762	4.4891	4.4091	4.3526	4.3322
	P	2.5613	2.5275	2.4315	2.2892	2.1236	1.9617	1.8286	1.7423	1.7127
THS/THC		1.2194	1.2103	1.2152	1.2097	1.2021	1.1931	1.1841	1.1774	1.1749

M= 5.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 3.4641

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.2415	2.2670	2.3400	2.4512	2.5854	2.7228	2.8410	2.9194	2.9463
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1810	0.3389	0.4523	0.5019	0.4735	0.3640	0.1936	0.0000
0.0	A	2.2350	2.2284	2.2095	2.1811	2.1477	2.1148	2.0879	2.0707	2.0649
	RHO	5.0672	4.9928	4.7849	4.4855	4.1521	3.8435	3.6052	3.4597	3.4112
	P	2.8927	2.8334	2.6696	2.4388	2.1888	1.9645	1.7961	1.6954	1.6623
	U	2.2414	2.2814	2.3982	2.5829	2.8219	3.0980	3.3773	3.5906	3.6702
	V	-0.0292	-0.0291	-0.0287	-0.0283	-0.0277	-0.0272	-0.0267	-0.0260	-0.0257
	W	0.0	0.1944	0.3602	0.4715	0.5076	0.4598	0.3421	0.1819	0.0000
0.025	A	2.2350	2.2251	2.1962	2.1495	2.0870	2.0098	1.9224	1.8478	1.8182
	RHO	5.0669	5.0073	4.8437	4.6196	4.3985	4.2566	4.2530	4.3448	4.3996
	P	2.8925	2.8334	2.6700	2.4394	2.1895	1.9649	1.7963	1.6954	1.6622
	U	2.2412	2.2836	2.4074	2.6019	2.8501	3.1290	3.3989	3.5974	3.6700
	V	-0.0579	-0.0577	-0.0570	-0.0560	-0.0549	-0.0539	-0.0528	-0.0517	-0.0512
	W	0.0	0.2028	0.3762	0.4938	0.5353	0.4928	0.3763	0.2049	0.0000
0.050	A	2.2349	2.2244	2.1935	2.1439	2.0779	1.9984	1.9133	1.8446	1.8181
	RHO	5.0662	5.0099	4.8555	4.6448	4.4385	4.3062	4.2936	4.3592	4.3990
	P	2.8920	2.8330	2.6700	2.4399	2.1901	1.9653	1.7964	1.6952	1.6619
	U	2.2402	2.2855	2.4168	2.6213	2.8782	3.1582	3.4182	3.6030	3.6694
	V	-0.1144	-0.1140	-0.1127	-0.1109	-0.1089	-0.1067	-0.1043	-0.1018	-0.1006
	W	0.0	0.2160	0.4015	0.5292	0.5789	0.5420	0.4226	0.2336	0.0000
0.100	A	2.2346	2.2234	2.1902	2.1371	2.0673	1.9861	1.9041	1.8414	1.8180
	RHO	5.0634	5.0114	4.8691	4.6750	4.4852	4.3604	4.3348	4.3723	4.3968
	P	2.8897	2.8312	2.6693	2.4401	2.1907	1.9657	1.7961	1.6943	1.6607
	U	2.2366	2.2848	2.4241	2.6386	2.9031	3.1828	3.4330	3.6059	3.6672
	V	-0.2232	-0.2225	-0.2204	-0.2173	-0.2135	-0.2091	-0.2035	-0.1974	-0.1946
	W	0.0	0.2363	0.4402	0.5831	0.6439	0.6109	0.4824	0.2682	0.0000
0.200	A	2.2337	2.2214	2.1854	2.1284	2.0549	1.9725	1.8943	1.8378	1.8173
	RHO	5.0529	5.0071	4.8815	4.7092	4.5382	4.4184	4.3743	4.3803	4.3892
	P	2.8813	2.8239	2.6645	2.4380	2.1900	1.9647	1.7938	1.6908	1.6567
	U	2.2311	2.2809	2.4245	2.6443	2.9123	3.1914	3.4370	3.6046	3.6638
	V	-0.3268	-0.3257	-0.3229	-0.3188	-0.3135	-0.3068	-0.2976	-0.2880	-0.2836
	W	0.0	0.2522	0.4704	0.6246	0.6922	0.6595	0.5219	0.2899	0.0000
0.300	A	2.2323	2.2193	2.1815	2.1220	2.0465	1.9640	1.8882	1.8352	1.8164
	RHO	5.0367	4.9958	4.8831	4.7270	4.5685	4.4498	4.3919	4.3782	4.3778
	P	2.8684	2.8122	2.6559	2.4327	2.1867	1.9616	1.7896	1.6853	1.6507
	U	2.2238	2.2747	2.4211	2.6442	2.9144	3.1932	3.4362	3.6010	3.6592
	V	-0.4254	-0.4242	-0.4207	-0.4156	-0.4089	-0.3999	-0.3873	-0.3743	-0.3685
	W	0.0	0.2656	0.4956	0.6588	0.7310	0.6970	0.5510	0.3055	0.0000
0.400	A	2.2304	2.2170	2.1779	2.1166	2.0398	1.9575	1.8836	1.8330	1.8152
	RHO	5.0156	4.9790	4.8776	4.7352	4.5866	4.4680	4.3989	4.3703	4.3633
	P	2.8516	2.7968	2.6439	2.4245	2.1811	1.9565	1.7836	1.6781	1.6430
	U	2.2151	2.2667	2.4150	2.6403	2.9121	3.1908	3.4325	3.5960	3.6536
	V	-0.5196	-0.5181	-0.5140	-0.5079	-0.4999	-0.4886	-0.4730	-0.4570	-0.4499
	W	0.0	0.2772	0.5174	0.6878	0.7632	0.7271	0.5737	0.3173	0.0000
0.500	A	2.2282	2.2143	2.1742	2.1117	2.0341	1.9520	1.8797	1.8308	1.8138
	RHO	4.9903	4.9576	4.8665	4.7365	4.5965	4.4775	4.3988	4.3583	4.3461
	P	2.8314	2.7781	2.6291	2.4139	2.1735	1.9498	1.7762	1.6696	1.6340
	U	2.2051	2.2573	2.4069	2.6338	2.9067	3.1856	3.4268	3.5897	3.6472
	V	-0.6097	-0.6080	-0.6032	-0.5961	-0.5867	-0.5735	-0.5550	-0.5364	-0.5283
	W	0.0	0.2875	0.5365	0.7130	0.7906	0.7520	0.5920	0.3267	0.0000
0.600	A	2.2256	2.2114	2.1705	2.1071	2.0289	1.9472	1.8761	1.8286	1.8121
	RHO	4.9614	4.9324	4.8509	4.7322	4.6000	4.4808	4.3936	4.3432	4.3267
	P	2.8085	2.7568	2.6117	2.4011	2.1640	1.9416	1.7674	1.6598	1.6238
	U	2.1940	2.2466	2.3972	2.6253	2.8993	3.1784	3.4196	3.5825	3.6399
	V	-0.6961	-0.6941	-0.6887	-0.6806	-0.6698	-0.6546	-0.6337	-0.6129	-0.6038
	W	0.0	0.2967	0.5535	0.7351	0.8142	0.7730	0.6070	0.3342	0.0000
0.700	A	2.2227	2.2083	2.1667	2.1026	2.0240	1.9428	1.8728	1.8264	1.8103
	RHO	4.9293	4.9038	4.8313	4.7234	4.5985	4.4789	4.3844	4.3252	4.3051
	P	2.7831	2.7330	2.5920	2.3864	2.1533	1.9320	1.7574	1.6489	1.6124
	U	2.1821	2.2349	2.3862	2.6152	2.8897	3.1696	3.4112	3.5744	3.6320
	V	-0.7792	-0.7770	-0.7707	-0.7615	-0.7494	-0.7324	-0.7094	-0.6867	-0.6770
	W	0.0	0.3050	0.5688	0.7548	0.8348	0.7909	0.6194	0.3403	0.0000
0.800	A	2.2195	2.2049	2.1628	2.0981	2.0194	1.9386	1.8696	1.8241	1.8083
	RHO	4.8943	4.8721	4.8082	4.7105	4.5925	4.4730	4.3719	4.3049	4.2815
	P	2.7555	2.7070	2.5704	2.3699	2.1405	1.9212	1.7464	1.6369	1.6001
	U	2.1694	2.2224	2.3742	2.6038	2.8793	3.1596	3.4019	3.5657	3.6234
	V	-0.8593	-0.8567	-0.8497	-0.8393	-0.8258	-0.8072	-0.7824	-0.7583	-0.7480
	W	0.0	0.3126	0.5827	0.7724	0.8530	0.8063	0.6299	0.3454	0.0000
0.900	A	2.2161	2.2013	2.1588	2.0938	2.0153	1.9347	1.8664	1.8216	1.8062
	RHO	4.8567	4.8377	4.7820	4.6942	4.5830	4.4635	4.3564	4.2824	4.2561
	P	2.7259	2.6792	2.5470	2.3518	2.1267	1.9094	1.7344	1.6241	1.5868
	U	2.1560	2.2092	2.3613	2.5914	2.8673	3.1487	3.3918	3.5562	3.6143
	V	-0.9366	-0.9337	-0.9258	-0.9142	-0.8992	-0.8791	-0.8529	-0.8277	-0.8170
	W	0.0	0.3196	0.5953	0.7883	0.8691	0.8197	0.6388	0.3497	0.0000
1.000	A	2.2124	2.1975	2.1547	2.0894	2.0107	1.9309	1.8633	1.8191	1.8038
	RHO	4.8167	4.8007	4.7530	4.6746	4.5701	4.4509	4.3383	4.2578	4.2287
	P	2.6945	2.6495	2.5218	2.3322	2.1116	1.8965	1.7215	1.6102	1.5725
THS/THC		1.2323	1.2312	1.2275	1.2210	1.2113	1.1987	1.1855	1.1752	1.1713

M= 6.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0
	U	3.6945
	V	0.0000
	W	0.0
-0.000	A	2.3388
	RHO	5.1336
	P	2.2287
	U	3.6945
	V	-0.0291
	W	0.0
0.025	A	2.3388
	RHO	5.1334
	P	2.2286
	U	3.6943
	V	-0.0579
	W	0.0
0.050	A	2.3387
	RHO	5.1328
	P	2.2282
	U	3.6937
	V	-0.1145
	W	0.0
0.100	A	2.3385
	RHO	5.1306
	P	2.2268
	U	3.6911
	V	-0.2240
	W	0.0
0.200	A	2.3378
	RHO	5.1221
	P	2.2216
	U	3.6870
	V	-0.3291
	W	0.0
0.300	A	2.3366
	RHO	5.1088
	P	2.2136
	U	3.6816
	V	-0.4301
	W	0.0
0.400	A	2.3350
	RHO	5.0916
	P	2.2031
	U	3.6751
	V	-0.5276
	W	0.0
0.500	A	2.3330
	RHO	5.0706
	P	2.1905
	U	3.6674
	V	-0.6217
	W	0.0
0.600	A	2.3308
	RHO	5.0465
	P	2.1759
	U	3.6588
	V	-0.7128
	W	0.0
0.700	A	2.3283
	RHO	5.0194
	P	2.1596
	U	3.6493
	V	-0.8012
	W	0.0
0.800	A	2.3255
	RHO	4.9896
	P	2.1416
	U	3.6390
	V	-0.8871
	W	0.0
0.900	A	2.3225
	RHO	4.9572
	P	2.1222
	U	3.6281
	V	-0.9708
	W	0.0
1.000	A	2.3192
	RHO	4.9223
	P	2.1013
THS/THC		1.1732

M= 6.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.6522	3.6534	3.6567	3.6616	3.6674	3.6731	3.6780	3.6813	3.6825
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0082	0.0151	0.0197	0.0214	0.0197	0.0151	0.0082	0.0000
0.0	A	2.3521	2.3517	2.3507	2.3491	2.3473	2.3455	2.3440	2.3430	2.3426
	RHO	5.1474	5.1434	5.1322	5.1155	5.0959	5.0763	5.0597	5.0487	5.0449
	P	2.2600	2.2576	2.2507	2.2405	2.2284	2.2165	2.2063	2.1996	2.1973
	U	3.6522	3.6553	3.6643	3.6779	3.6939	3.7101	3.7239	3.7331	3.7364
	V	-0.0292	-0.0292	-0.0292	-0.0292	-0.0291	-0.0291	-0.0291	-0.0290	-0.0290
	W	0.0	0.0105	0.0193	0.0253	0.0273	0.0252	0.0193	0.0104	0.0000
0.025	A	2.3520	2.3511	2.3482	2.3440	2.3389	2.3338	2.3294	2.3265	2.3254
	RHO	5.1472	5.1460	5.1426	5.1377	5.1322	5.1271	5.1229	5.1203	5.1194
	P	2.2599	2.2575	2.2506	2.2404	2.2283	2.2163	2.2062	2.1995	2.1971
	U	3.6520	3.6552	3.6642	3.6778	3.6938	3.7100	3.7238	3.7330	3.7362
	V	-0.0581	-0.0581	-0.0580	-0.0580	-0.0579	-0.0578	-0.0578	-0.0577	-0.0577
	W	0.0	0.0114	0.0211	0.0276	0.0298	0.0276	0.0211	0.0114	0.0000
0.050	A	2.3520	2.3510	2.3482	2.3439	2.3389	2.3337	2.3294	2.3264	2.3254
	RHO	5.1466	5.1454	5.1421	5.1372	5.1318	5.1266	5.1224	5.1197	5.1188
	P	2.2596	2.2571	2.2503	2.2400	2.2280	2.2160	2.2059	2.1992	2.1968
	U	3.6513	3.6545	3.6636	3.6772	3.6933	3.7094	3.7231	3.7323	3.7356
	V	-0.1149	-0.1149	-0.1148	-0.1147	-0.1145	-0.1143	-0.1142	-0.1141	-0.1141
	W	0.0	0.0127	0.0235	0.0307	0.0333	0.0308	0.0236	0.0128	0.0000
0.100	A	2.3518	2.3508	2.3480	2.3437	2.3386	2.3335	2.3292	2.3262	2.3252
	RHO	5.1443	5.1432	5.1399	5.1351	5.1297	5.1245	5.1202	5.1175	5.1165
	P	2.2581	2.2557	2.2489	2.2386	2.2266	2.2146	2.2045	2.1978	2.1954
	U	3.6487	3.6519	3.6610	3.6747	3.6907	3.7069	3.7206	3.7298	3.7330
	V	-0.2249	-0.2249	-0.2247	-0.2244	-0.2240	-0.2237	-0.2234	-0.2232	-0.2231
	W	0.0	0.0145	0.0267	0.0350	0.0379	0.0351	0.0269	0.0145	0.0000
0.200	A	2.3510	2.3500	2.3471	2.3429	2.3378	2.3327	2.3284	2.3254	2.3244
	RHO	5.1357	5.1346	5.1314	5.1268	5.1214	5.1161	5.1119	5.1090	5.1081
	P	2.2529	2.2505	2.2436	2.2334	2.2214	2.2095	2.1994	2.1927	2.1904
	U	3.6446	3.6479	3.6569	3.6706	3.6867	3.7029	3.7166	3.7258	3.7290
	V	-0.3305	-0.3304	-0.3301	-0.3296	-0.3291	-0.3286	-0.3281	-0.3278	-0.3277
	W	0.0	0.0157	0.0290	0.0379	0.0411	0.0381	0.0292	0.0158	0.0000
0.300	A	2.3498	2.3488	2.3459	2.3416	2.3366	2.3315	2.3272	2.3242	2.3232
	RHO	5.1224	5.1213	5.1182	5.1136	5.1083	5.1031	5.0988	5.0959	5.0950
	P	2.2447	2.2423	2.2355	2.2254	2.2134	2.2015	2.1915	2.1848	2.1825
	U	3.6392	3.6424	3.6515	3.6652	3.6814	3.6976	3.7113	3.7205	3.7237
	V	-0.4320	-0.4319	-0.4315	-0.4309	-0.4302	-0.4295	-0.4289	-0.4284	-0.4283
	W	0.0	0.0167	0.0308	0.0403	0.0437	0.0404	0.0310	0.0168	0.0000
0.400	A	2.3482	2.3472	2.3443	2.3400	2.3350	2.3299	2.3256	2.3227	2.3217
	RHO	5.1050	5.1039	5.1009	5.0964	5.0911	5.0859	5.0816	5.0788	5.0778
	P	2.2340	2.2316	2.2249	2.2148	2.2030	2.1911	2.1812	2.1745	2.1722
	U	3.6325	3.6357	3.6449	3.6586	3.6748	3.6910	3.7048	3.7140	3.7172
	V	-0.5299	-0.5297	-0.5292	-0.5285	-0.5276	-0.5267	-0.5260	-0.5254	-0.5253
	W	0.0	0.0174	0.0323	0.0422	0.0457	0.0423	0.0324	0.0176	0.0000
0.500	A	2.3462	2.3452	2.3424	2.3381	2.3330	2.3280	2.3237	2.3208	2.3198
	RHO	5.0839	5.0829	5.0799	5.0754	5.0703	5.0652	5.0609	5.0581	5.0571
	P	2.2211	2.2188	2.2121	2.2021	2.1903	2.1786	2.1687	2.1621	2.1598
	U	3.6248	3.6280	3.6372	3.6509	3.6671	3.6834	3.6972	3.7064	3.7096
	V	-0.6244	-0.6242	-0.6236	-0.6227	-0.6217	-0.6207	-0.6198	-0.6192	-0.6189
	W	0.0	0.0181	0.0335	0.0438	0.0475	0.0439	0.0337	0.0182	0.0000
0.600	A	2.3440	2.3430	2.3401	2.3359	2.3308	2.3257	2.3214	2.3186	2.3176
	RHO	5.0596	5.0585	5.0556	5.0513	5.0462	5.0412	5.0370	5.0341	5.0332
	P	2.2062	2.2039	2.1973	2.1874	2.1757	2.1641	2.1543	2.1478	2.1455
	U	3.6160	3.6193	3.6285	3.6423	3.6585	3.6748	3.6886	3.6979	3.7011
	V	-0.7159	-0.7157	-0.7150	-0.7140	-0.7128	-0.7116	-0.7106	-0.7099	-0.7096
	W	0.0	0.0187	0.0346	0.0452	0.0490	0.0453	0.0347	0.0188	0.0000
0.700	A	2.3414	2.3404	2.3376	2.3333	2.3283	2.3232	2.3190	2.3161	2.3151
	RHO	5.0322	5.0312	5.0284	5.0241	5.0192	5.0142	5.0101	5.0073	5.0063
	P	2.1896	2.1872	2.1807	2.1709	2.1594	2.1480	2.1383	2.1318	2.1295
	U	3.6064	3.6097	3.6189	3.6327	3.6490	3.6654	3.6792	3.6885	3.6917
	V	-0.8047	-0.8044	-0.8037	-0.8026	-0.8012	-0.7999	-0.7987	-0.7979	-0.7976
	W	0.0	0.0192	0.0355	0.0464	0.0503	0.0465	0.0356	0.0193	0.0000
0.800	A	2.3386	2.3376	2.3348	2.3305	2.3255	2.3205	2.3162	2.3133	2.3123
	RHO	5.0021	5.0011	4.9984	4.9943	4.9894	4.9846	4.9805	4.9777	4.9768
	P	2.1712	2.1690	2.1625	2.1529	2.1415	2.1302	2.1206	2.1142	2.1119
	U	3.5961	3.5993	3.6086	3.6224	3.6388	3.6552	3.6691	3.6784	3.6816
	V	-0.8910	-0.8907	-0.8899	-0.8887	-0.8872	-0.8857	-0.8844	-0.8835	-0.8832
	W	0.0	0.0196	0.0363	0.0475	0.0515	0.0476	0.0365	0.0197	0.0000
0.900	A	2.3356	2.3346	2.3317	2.3275	2.3225	2.3175	2.3132	2.3104	2.3094
	RHO	4.9694	4.9685	4.9658	4.9618	4.9571	4.9523	4.9483	4.9456	4.9447
	P	2.1514	2.1492	2.1428	2.1333	2.1221	2.1109	2.1014	2.0951	2.0929
	U	3.5850	3.5883	3.5975	3.6114	3.6279	3.6443	3.6582	3.6675	3.6708
	V	-0.9751	-0.9748	-0.9739	-0.9725	-0.9709	-0.9693	-0.9679	-0.9669	-0.9666
	W	0.0	0.0200	0.0371	0.0484	0.0525	0.0485	0.0372	0.0201	0.0000
1.000	A	2.3322	2.3313	2.3284	2.3242	2.3192	2.3142	2.3099	2.3071	2.3061
	RHO	4.9342	4.9333	4.9307	4.9269	4.9223	4.9176	4.9137	4.9110	4.9101
	P	2.1301	2.1279	2.1216	2.1122	2.1012	2.0902	2.0809	2.0746	2.0724
THS/THC		1.1746	1.1745	1.1742	1.1738	1.1732	1.1727	1.1722	1.1719	1.1718

M= 6.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.4788	3.4849	3.5022	3.5282	3.5588	3.5895	3.6155	3.6329	3.6390
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0432	0.0799	0.1046	0.1133	0.1047	0.0801	0.0433	0.0000
0.0	A	2.4041	2.4022	2.3970	2.3892	2.3800	2.3708	2.3631	2.3587	2.3562
	RHO	5.1997	5.1798	5.1237	5.0407	4.9444	4.8500	4.7715	4.7198	4.7018
	P	2.3851	2.3723	2.3364	2.2836	2.2228	2.1636	2.1147	2.0827	2.0716
	U	3.4787	3.4935	3.5360	3.6011	3.6801	3.7619	3.8334	3.8824	3.8998
	V	-0.0297	-0.0296	-0.0295	-0.0294	-0.0292	-0.0290	-0.0288	-0.0286	-0.0286
	W	0.0	0.0529	0.0975	0.1270	0.1373	0.1259	0.0960	0.0518	0.0000
0.025	A	2.4041	2.3997	2.3869	2.3671	2.3425	2.3165	2.2933	2.2770	2.2712
	RHO	5.1995	5.1907	5.1670	5.1351	5.1037	5.0799	5.0663	5.0611	5.0601
	P	2.3849	2.3722	2.3363	2.2835	2.2227	2.1635	2.1146	2.0826	2.0715
	U	3.4785	3.4936	3.5368	3.6026	3.6823	3.7635	3.8343	3.8825	3.8996
	V	-0.0590	-0.0589	-0.0587	-0.0584	-0.0583	-0.0576	-0.0572	-0.0570	-0.0569
	W	0.0	0.0572	0.1056	0.1380	0.1493	0.1379	0.1056	0.0571	0.0000
0.050	A	2.4040	2.3995	2.3865	2.3664	2.3417	2.3158	2.2927	2.2768	2.2711
	RHO	5.1989	5.1906	5.1680	5.1374	5.1067	5.0826	5.0678	5.0612	5.0595
	P	2.3846	2.3719	2.3360	2.2832	2.2224	2.1632	2.1143	2.0823	2.0711
	U	3.4778	3.4931	3.5370	3.6036	3.6834	3.7646	3.8348	3.8822	3.8990
	V	-0.1167	-0.1166	-0.1162	-0.1155	-0.1147	-0.1139	-0.1131	-0.1126	-0.1124
	W	0.0	0.0632	0.1169	0.1531	0.1663	0.1542	0.1184	0.0643	0.0000
0.100	A	2.4038	2.3992	2.3859	2.3655	2.3406	2.3148	2.2921	2.2765	2.2709
	RHO	5.1965	5.1888	5.1675	5.1383	5.1085	5.0840	5.0679	5.0597	5.0573
	P	2.3831	2.3704	2.3346	2.2819	2.2211	2.1620	2.1131	2.0810	2.0699
	U	3.4751	3.4907	3.5353	3.6025	3.6827	3.7638	3.8333	3.8801	3.8966
	V	-0.2287	-0.2284	-0.2275	-0.2262	-0.2245	-0.2227	-0.2211	-0.2200	-0.2195
	W	0.0	0.0715	0.1325	0.1739	0.1893	0.1760	0.1355	0.0736	0.0000
0.200	A	2.4030	2.3982	2.3846	2.3639	2.3389	2.3131	2.2908	2.2756	2.2702
	RHO	5.1877	5.1806	5.1610	5.1336	5.1048	5.0799	5.0622	5.0522	5.0490
	P	2.3774	2.3648	2.3292	2.2768	2.2162	2.1572	2.1083	2.0763	2.0651
	U	3.4707	3.4865	3.5314	3.5991	3.6796	3.7606	3.8299	3.8764	3.8928
	V	-0.3361	-0.3357	-0.3344	-0.3324	-0.3299	-0.3272	-0.3247	-0.3229	-0.3222
	W	0.0	0.0775	0.1436	0.1886	0.2055	0.1911	0.1472	0.0800	0.0000
0.300	A	2.4017	2.3969	2.3831	2.3622	2.3371	2.3115	2.2893	2.2743	2.2690
	RHO	5.1740	5.1673	5.1489	5.1229	5.0948	5.0698	5.0511	5.0400	5.0363
	P	2.3686	2.3561	2.3208	2.2687	2.2085	2.1497	2.1010	2.0690	2.0579
	U	3.4650	3.4808	3.5261	3.5940	3.6747	3.7558	3.8250	3.8714	3.8877
	V	-0.4395	-0.4389	-0.4372	-0.4345	-0.4312	-0.4275	-0.4242	-0.4218	-0.4209
	W	0.0	0.0822	0.1524	0.2002	0.2181	0.2029	0.1563	0.0849	0.0000
0.400	A	2.4000	2.3952	2.3813	2.3603	2.3351	2.3095	2.2876	2.2728	2.2675
	RHO	5.1560	5.1497	5.1323	5.1074	5.0801	5.0550	5.0356	5.0237	5.0197
	P	2.3571	2.3447	2.3097	2.2581	2.1984	2.1399	2.0914	2.0595	2.0484
	U	3.4580	3.4739	3.5193	3.5875	3.6684	3.7497	3.8189	3.8652	3.8816
	V	-0.5391	-0.5384	-0.5363	-0.5329	-0.5288	-0.5242	-0.5201	-0.5171	-0.5161
	W	0.0	0.0862	0.1598	0.2098	0.2285	0.2125	0.1636	0.0889	0.0000
0.500	A	2.3980	2.3931	2.3791	2.3580	2.3329	2.3074	2.2856	2.2709	2.2657
	RHO	5.1342	5.1283	5.1118	5.0880	5.0614	5.0364	5.0165	5.0040	4.9997
	P	2.3431	2.3309	2.2964	2.2453	2.1861	2.1281	2.0798	2.0480	2.0370
	U	3.4498	3.4658	3.5114	3.5798	3.6609	3.7423	3.8116	3.8580	3.8743
	V	-0.6353	-0.6345	-0.6319	-0.6280	-0.6233	-0.6177	-0.6128	-0.6093	-0.6080
	W	0.0	0.0896	0.1660	0.2179	0.2373	0.2206	0.1698	0.0922	0.0000
0.600	A	2.3956	2.3907	2.3767	2.3555	2.3304	2.3050	2.2833	2.2687	2.2636
	RHO	5.1089	5.1034	5.0878	5.0651	5.0392	5.0143	4.9941	4.9812	4.9767
	P	2.3270	2.3150	2.2809	2.2305	2.1719	2.1144	2.0664	2.0348	2.0238
	U	3.4406	3.4567	3.5024	3.5711	3.6524	3.7340	3.8034	3.8499	3.8662
	V	-0.7284	-0.7274	-0.7245	-0.7200	-0.7143	-0.7081	-0.7025	-0.6985	-0.6970
	W	0.0	0.0925	0.1714	0.2250	0.2449	0.2275	0.1750	0.0950	0.0000
0.700	A	2.3930	2.3880	2.3740	2.3528	2.3277	2.3024	2.2808	2.2663	2.2613
	RHO	5.0806	5.0754	5.0607	5.0390	5.0138	4.9892	4.9688	4.9555	4.9508
	P	2.3090	2.2971	2.2636	2.2138	2.1559	2.0990	2.0514	2.0201	2.0091
	U	3.4306	3.4466	3.4926	3.5614	3.6429	3.7247	3.7943	3.8409	3.8573
	V	-0.8187	-0.8175	-0.8143	-0.8091	-0.8027	-0.7958	-0.7895	-0.7851	-0.7834
	W	0.0	0.0951	0.1762	0.2311	0.2514	0.2335	0.1795	0.0974	0.0000
0.800	A	2.3900	2.3851	2.3710	2.3498	2.3247	2.2995	2.2781	2.2637	2.2587
	RHO	5.0494	5.0446	5.0307	5.0100	4.9856	4.9614	4.9409	4.9272	4.9224
	P	2.2892	2.2775	2.2445	2.1955	2.1384	2.0821	2.0350	2.0039	1.9930
	U	3.4197	3.4358	3.4818	3.5509	3.6326	3.7147	3.7844	3.8312	3.8476
	V	-0.9064	-0.9051	-0.9014	-0.8958	-0.8885	-0.8811	-0.8741	-0.8692	-0.8675
	W	0.0	0.0974	0.1804	0.2366	0.2572	0.2388	0.1835	0.0996	0.0000
0.900	A	2.3868	2.3819	2.3678	2.3466	2.3215	2.2964	2.2751	2.2608	2.2558
	RHO	5.0155	5.0110	4.9980	4.9783	4.9548	4.9308	4.9103	4.8964	4.8915
	P	2.2677	2.2563	2.2238	2.1756	2.1194	2.0637	2.0171	1.9863	1.9755
	U	3.4081	3.4243	3.4704	3.5397	3.6216	3.7039	3.7739	3.8207	3.8372
	V	-0.9918	-0.9904	-0.9864	-0.9801	-0.9724	-0.9641	-0.9566	-0.9513	-0.9494
	W	0.0	0.0994	0.1841	0.2414	0.2624	0.2434	0.1870	0.1014	0.0000
1.000	A	2.3833	2.3784	2.3643	2.3431	2.3182	2.2931	2.2719	2.2577	2.2527
	RHO	4.9791	4.9749	4.9627	4.9440	4.9213	4.8978	4.8773	4.8633	4.8583
	P	2.2446	2.2334	2.2016	2.1543	2.0989	2.0440	1.9980	1.9674	1.9567
THS/THC		1.1808	1.1804	1.1790	1.1768	1.1742	1.1714	1.1689	1.1671	1.1665

M= 6.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.2521	3.2650	3.3019	3.3575	3.4234	3.4897	3.5459	3.5834	3.5965
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0918	0.1705	0.2242	0.2442	0.2264	0.1731	0.0934	0.0000
0.0	A	2.4667	2.4630	2.4523	2.4363	2.4174	2.3988	2.3831	2.3728	2.3692
	RHO	5.2593	5.2194	5.1070	4.9424	4.7545	4.5737	4.4264	4.3312	4.2984
	P	2.5398	2.5129	2.4374	2.3282	2.2052	2.0887	1.9951	1.9353	1.9148
	U	3.2520	3.2794	3.3587	3.4822	3.6364	3.8015	3.9513	4.0568	4.0949
	V	-0.0303	-0.0302	-0.0300	-0.0297	-0.0293	-0.0289	-0.0285	-0.0282	-0.0281
	W	0.0	0.1072	0.1977	0.2571	0.2761	0.2526	0.1914	0.1029	0.0000
0.025	A	2.4667	2.4590	2.4363	2.4003	2.3537	2.3015	2.2517	2.2150	2.2014
	RHO	5.2591	5.2361	5.1739	5.0917	5.0156	4.9686	4.9582	4.9701	4.9783
	P	2.5397	2.5127	2.4374	2.3282	2.2052	2.0887	1.9951	1.9352	1.9147
	U	3.2518	3.2801	3.3620	3.4884	3.6445	3.8091	3.9560	4.0582	4.0948
	V	-0.0602	-0.0601	-0.0597	-0.0590	-0.0583	-0.0575	-0.0567	-0.0562	-0.0560
	W	0.0	0.1147	0.2120	0.2769	0.2995	0.2765	0.2116	0.1146	0.0000
0.050	A	2.4667	2.4586	2.4351	2.3979	2.3505	2.2983	2.2495	2.2143	2.2013
	RHO	5.2585	5.2369	5.1785	5.1013	5.0288	4.9818	4.9670	4.9725	4.9778
	P	2.5393	2.5124	2.4371	2.3280	2.2051	2.0885	1.9949	1.9350	1.9144
	U	3.2511	3.2803	3.3648	3.4941	3.6519	3.8159	3.9600	4.0590	4.0942
	V	-0.1192	-0.1189	-0.1181	-0.1169	-0.1154	-0.1137	-0.1121	-0.1109	-0.1104
	W	0.0	0.1256	0.2327	0.3053	0.3324	0.3093	0.2386	0.1300	0.0000
0.100	A	2.4664	2.4580	2.4335	2.3952	2.3469	2.2948	2.2472	2.2134	2.2012
	RHO	5.2561	5.2362	5.1825	5.1108	5.0423	4.9950	4.9750	4.9736	4.9756
	P	2.5376	2.5108	2.4358	2.3269	2.2042	2.0876	1.9939	1.9338	1.9133
	U	3.2481	3.2784	3.3654	3.4976	3.6571	3.8204	3.9619	4.0579	4.0919
	V	-0.2335	-0.2330	-0.2315	-0.2291	-0.2263	-0.2225	-0.2190	-0.2163	-0.2153
	W	0.0	0.1411	0.2620	0.3451	0.3775	0.3533	0.2739	0.1496	0.0000
0.200	A	2.4656	2.4567	2.4311	2.3914	2.3423	2.2904	2.2441	2.2120	2.2004
	RHO	5.2470	5.2293	5.1814	5.1166	5.0527	5.0046	4.9784	4.9692	4.9676
	P	2.5315	2.5049	2.4305	2.3224	2.2001	2.0837	1.9898	1.9296	1.9090
	U	3.2435	3.2743	3.3627	3.4964	3.6568	3.8198	3.9601	4.0549	4.0883
	V	-0.3434	-0.3426	-0.3404	-0.3368	-0.3322	-0.3268	-0.3214	-0.3172	-0.3156
	W	0.0	0.1525	0.2835	0.3739	0.4098	0.3840	0.2979	0.1628	0.0000
0.300	A	2.4642	2.4551	2.4288	2.3884	2.3388	2.2871	2.2417	2.2105	2.1994
	RHO	5.2327	5.2167	5.1731	5.1132	5.0523	5.0037	4.9733	4.9591	4.9553
	P	2.5218	2.4956	2.4220	2.3149	2.1934	2.0773	1.9834	1.9231	1.9024
	U	3.2373	3.2685	3.3577	3.4926	3.6535	3.8165	3.9563	4.0504	4.0836
	V	-0.4490	-0.4480	-0.4451	-0.4404	-0.4342	-0.4270	-0.4197	-0.4140	-0.4119
	W	0.0	0.1618	0.3008	0.3969	0.4351	0.4077	0.3162	0.1727	0.0000
0.400	A	2.4625	2.4532	2.4264	2.3854	2.3355	2.2841	2.2393	2.2088	2.1979
	RHO	5.2139	5.1994	5.1594	5.1036	5.0453	4.9963	4.9628	4.9449	4.9395
	P	2.5092	2.4833	2.4107	2.3048	2.1842	2.0687	1.9750	1.9146	1.8938
	U	3.2297	3.2612	3.3511	3.4867	3.6482	3.8113	3.9509	4.0447	4.0777
	V	-0.5508	-0.5495	-0.5459	-0.5401	-0.5324	-0.5235	-0.5144	-0.5074	-0.5047
	W	0.0	0.1697	0.3154	0.4161	0.4560	0.4270	0.3309	0.1806	0.0000
0.500	A	2.4603	2.4509	2.4237	2.3823	2.3324	2.2811	2.2368	2.2068	2.1962
	RHO	5.1912	5.1779	5.1412	5.0892	5.0332	4.9840	4.9480	4.9271	4.9204
	P	2.4939	2.4685	2.3970	2.2924	2.1730	2.0583	1.9648	1.9044	1.8836
	U	3.2210	3.2527	3.3431	3.4793	3.6412	3.8046	3.9442	4.0379	4.0709
	V	-0.6490	-0.6475	-0.6432	-0.6363	-0.6272	-0.6165	-0.6058	-0.5975	-0.5944
	W	0.0	0.1765	0.3279	0.4325	0.4736	0.4432	0.3431	0.1872	0.0000
0.600	A	2.4578	2.4483	2.4208	2.3792	2.3291	2.2781	2.2342	2.2047	2.1943
	RHO	5.1648	5.1528	5.1191	5.0706	5.0169	4.9676	4.9296	4.9063	4.8985
	P	2.4762	2.4512	2.3810	2.2780	2.1600	2.0461	1.9530	1.8927	1.8719
	U	3.2112	3.2430	3.3338	3.4705	3.6329	3.7966	3.9364	4.0302	4.0632
	V	-0.7439	-0.7422	-0.7372	-0.7292	-0.7187	-0.7065	-0.6942	-0.6848	-0.6812
	W	0.0	0.1824	0.3389	0.4467	0.4889	0.4570	0.3534	0.1926	0.0000
0.700	A	2.4550	2.4453	2.4177	2.3759	2.3258	2.2750	2.2315	2.2023	2.1921
	RHO	5.1353	5.1243	5.0935	5.0484	4.9969	4.9477	4.9080	4.8826	4.8739
	P	2.4563	2.4319	2.3630	2.2617	2.1452	2.0323	1.9397	1.8795	1.8587
	U	3.2005	3.2324	3.3236	3.4607	3.6235	3.7877	3.9277	4.0217	4.0548
	V	-0.8359	-0.8339	-0.8283	-0.8192	-0.8073	-0.7936	-0.7800	-0.7695	-0.7656
	W	0.0	0.1877	0.3486	0.4592	0.5022	0.4689	0.3623	0.1973	0.0000
0.800	A	2.4519	2.4422	2.4144	2.3724	2.3223	2.2717	2.2286	2.1998	2.1896
	RHO	5.1027	5.0929	5.0649	5.0230	4.9737	4.9247	4.8836	4.8564	4.8469
	P	2.4346	2.4107	2.3432	2.2437	2.1289	2.0171	1.9251	1.8651	1.8443
	U	3.1889	3.2209	3.3124	3.4499	3.6132	3.7777	3.9182	4.0124	4.0456
	V	-0.9252	-0.9230	-0.9166	-0.9065	-0.8933	-0.8782	-0.8633	-0.8519	-0.8476
	W	0.0	0.1925	0.3573	0.4704	0.5139	0.4793	0.3700	0.2013	0.0000
0.900	A	2.4485	2.4387	2.4108	2.3688	2.3187	2.2684	2.2256	2.1970	2.1870
	RHO	5.0674	5.0586	5.0333	4.9945	4.9474	4.8989	4.8566	4.8278	4.8176
	P	2.4110	2.3877	2.3217	2.2242	2.1111	2.0006	1.9092	1.8495	1.8287
	U	3.1767	3.2087	3.3004	3.4383	3.6020	3.7670	3.9079	4.0025	4.0358
	V	-1.0121	-1.0096	-1.0026	-0.9914	-0.9773	-0.9605	-0.9446	-0.9323	-0.9277
	W	0.0	0.1968	0.3652	0.4804	0.5243	0.4885	0.3767	0.2048	0.0000
1.000	A	2.4448	2.4350	2.4070	2.3649	2.3153	2.2649	2.2224	2.1940	2.1841
	RHO	5.0294	5.0216	4.9989	4.9632	4.9184	4.8704	4.8271	4.7969	4.7860
	P	2.3857	2.3630	2.2986	2.2031	2.0929	1.9828	1.8921	1.8327	1.8120
THS/THC		1.1896	1.1888	1.1863	1.1824	1.1772	1.1714	1.1660	1.1621	1.1607

M= 6.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.0137	3.0342	3.0928	3.1815	3.2876	3.3951	3.4865	3.5473	3.5685
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1456	0.2714	0.3594	0.3945	0.3679	0.2815	0.1511	0.0000
0.0	A	2.5266	2.5208	2.5044	2.4799	2.4509	2.4223	2.3985	2.3830	2.3776
	RHO	5.3135	5.2534	5.0848	4.8401	4.5644	4.3041	4.0969	3.9661	3.9216
	P	2.6920	2.6494	2.5312	2.3623	2.1761	2.0043	1.8706	1.7875	1.7595
	U	3.0136	3.0517	3.1628	3.3377	3.5612	3.8098	4.0455	4.2171	4.2800
	V	-0.0310	-0.0309	-0.0306	-0.0301	-0.0296	-0.0290	-0.0284	-0.0279	-0.0276
	W	0.0	0.1633	0.3015	0.3923	0.4204	0.3820	0.2872	0.1537	0.0000
0.025	A	2.5265	2.5163	2.4861	2.4374	2.3724	2.2953	2.2159	2.1536	2.1298
	RHO	5.3133	5.2720	5.1601	5.0107	4.8722	4.7941	4.8002	4.8556	4.8870
	P	2.6919	2.6494	2.5312	2.3626	2.1763	2.0045	1.8706	1.7874	1.7594
	U	3.0134	3.0534	3.1696	3.3511	3.5797	3.8282	4.0575	4.2207	4.2799
	V	-0.0615	-0.0613	-0.0607	-0.0598	-0.0588	-0.0576	-0.0565	-0.0555	-0.0551
	W	0.0	0.1730	0.3200	0.4183	0.4521	0.4166	0.3186	0.1729	0.0000
0.050	A	2.5265	2.5157	2.4838	2.4327	2.3655	2.2878	2.2105	2.1518	2.1298
	RHO	5.3127	5.2740	5.1693	5.0300	4.9007	4.8256	4.8233	4.8632	4.8864
	P	2.6914	2.6490	2.5311	2.3626	2.1764	2.0045	1.8705	1.7872	1.7591
	U	3.0126	3.0546	3.1762	3.3644	3.5976	3.8455	4.0683	4.2237	4.2793
	V	-0.1218	-0.1214	-0.1203	-0.1185	-0.1164	-0.1140	-0.1116	-0.1095	-0.1086
	W	0.0	0.1875	0.3478	0.4570	0.4984	0.4651	0.3606	0.1976	0.0000
0.100	A	2.5262	2.5147	2.4810	2.4272	2.3578	2.2796	2.2048	2.1499	2.1296
	RHO	5.3102	5.2748	5.1791	5.0516	4.9322	4.8591	4.8465	4.8695	4.8843
	P	2.6896	2.6474	2.5300	2.3620	2.1761	2.0041	1.8698	1.7862	1.7580
	U	3.0093	3.0535	3.1806	3.3754	3.6128	3.8596	4.0763	4.2245	4.2771
	V	-0.2388	-0.2380	-0.2359	-0.2327	-0.2285	-0.2235	-0.2180	-0.2132	-0.2112
	W	0.0	0.2090	0.3886	0.5132	0.5640	0.5312	0.4151	0.2285	0.0000
0.200	A	2.5253	2.5130	2.4770	2.4203	2.3485	2.2703	2.1984	2.1474	2.1289
	RHO	5.3007	5.2698	5.1858	5.0731	4.9652	4.8927	4.8668	4.8708	4.8766
	P	2.6829	2.6412	2.5251	2.3585	2.1734	2.0015	1.8667	1.7826	1.7541
	U	3.0043	3.0496	3.1798	3.3780	3.6175	3.8636	4.0774	4.2225	4.2738
	V	-0.3510	-0.3500	-0.3470	-0.3423	-0.3363	-0.3284	-0.3197	-0.3122	-0.3091
	W	0.0	0.2253	0.4195	0.5552	0.6117	0.5775	0.4519	0.2487	0.0000
0.300	A	2.5239	2.5110	2.4736	2.4151	2.3421	2.2641	2.1940	2.1453	2.1279
	RHO	5.2858	5.2582	5.1831	5.0811	4.9806	4.9077	4.8727	4.8646	4.8648
	P	2.6723	2.6313	2.5169	2.3521	2.1683	1.9967	1.8616	1.7769	1.7482
	U	2.9976	3.0437	3.1758	3.3762	3.6171	3.8630	4.0753	4.2186	4.2692
	V	-0.4588	-0.4575	-0.4536	-0.4475	-0.4393	-0.4290	-0.4173	-0.4071	-0.4030
	W	0.0	0.2389	0.4449	0.5892	0.6496	0.6135	0.4797	0.2637	0.0000
0.400	A	2.5221	2.5088	2.4702	2.4105	2.3367	2.2591	2.1904	2.1433	2.1266
	RHO	5.2662	5.2416	5.1740	5.0809	4.9865	4.9130	4.8707	4.8536	4.8496
	P	2.6585	2.6182	2.5057	2.3432	2.1609	1.9899	1.8546	1.7695	1.7406
	U	2.9895	3.0361	3.1696	3.3716	3.6135	3.8594	4.0709	4.2135	4.2637
	V	-0.5626	-0.5610	-0.5562	-0.5487	-0.5386	-0.5257	-0.5110	-0.4985	-0.4935
	W	0.0	0.2505	0.4665	0.6178	0.6811	0.6427	0.5019	0.2755	0.0000
0.500	A	2.5198	2.5062	2.4668	2.4062	2.3319	2.2546	2.1870	2.1411	2.1250
	RHO	5.2424	5.2205	5.1598	5.0747	4.9855	4.9115	4.8632	4.8387	4.8315
	P	2.6417	2.6023	2.4920	2.3319	2.1516	1.9814	1.8461	1.7605	1.7315
	U	2.9801	3.0271	3.1616	3.3647	3.6075	3.8537	4.0649	4.2071	4.2573
	V	-0.6627	-0.6607	-0.6551	-0.6462	-0.6341	-0.6188	-0.6015	-0.5868	-0.5809
	W	0.0	0.2606	0.4854	0.6426	0.7079	0.6671	0.5201	0.2851	0.0000
0.600	A	2.5171	2.5033	2.4633	2.4020	2.3274	2.2504	2.1838	2.1389	2.1231
	RHO	5.2150	5.1955	5.1411	5.0635	4.9791	4.9048	4.8512	4.8206	4.8107
	P	2.6224	2.5839	2.4759	2.3186	2.1405	1.9714	1.8361	1.7503	1.7211
	U	2.9697	3.0169	3.1521	3.3561	3.5997	3.8463	4.0576	4.1999	4.2500
	V	-0.7593	-0.7570	-0.7505	-0.7401	-0.7262	-0.7086	-0.6888	-0.6722	-0.6655
	W	0.0	0.2697	0.5021	0.6643	0.7313	0.6879	0.5354	0.2931	0.0000
0.700	A	2.5141	2.5001	2.4596	2.3978	2.3230	2.2464	2.1806	2.1365	2.1211
	RHO	5.1842	5.1670	5.1187	5.0480	4.9682	4.8937	4.8357	4.7997	4.7875
	P	2.6007	2.5632	2.4577	2.3034	2.1277	1.9599	1.8249	1.7388	1.7094
	U	2.9582	3.0057	3.1414	3.3462	3.5904	3.8375	4.0493	4.1918	4.2419
	V	-0.8528	-0.8502	-0.8427	-0.8309	-0.8151	-0.7953	-0.7734	-0.7550	-0.7477
	W	0.0	0.2778	0.5170	0.6835	0.7513	0.7059	0.5484	0.2998	0.0000
0.800	A	2.5108	2.4966	2.4558	2.3935	2.3186	2.2424	2.1774	2.1340	2.1188
	RHO	5.1503	5.1354	5.0927	5.0288	4.9534	4.8789	4.8169	4.7762	4.7620
	P	2.5769	2.5404	2.4376	2.2865	2.1135	1.9471	1.8124	1.7262	1.6967
	U	2.9459	2.9935	3.1297	3.3350	3.5799	3.8277	4.0400	4.1829	4.2332
	V	-0.9435	-0.9405	-0.9321	-0.9188	-0.9012	-0.8794	-0.8554	-0.8356	-0.8277
	W	0.0	0.2851	0.5304	0.7007	0.7692	0.7216	0.5596	0.3055	0.0000
0.900	A	2.5073	2.4929	2.4517	2.3892	2.3143	2.2385	2.1741	2.1313	2.1164
	RHO	5.1135	5.1007	5.0636	5.0061	4.9352	4.8609	4.7954	4.7504	4.7344
	P	2.5512	2.5158	2.4157	2.2680	2.0979	1.9332	1.7989	1.7125	1.6829
	U	2.9328	2.9806	3.1171	3.3229	3.5684	3.8169	4.0300	4.1734	4.2239
	V	-1.0316	-1.0283	-1.0189	-1.0041	-0.9846	-0.9609	-0.9352	-0.9141	-0.9058
	W	0.0	0.2918	0.5426	0.7161	0.7852	0.7353	0.5694	0.3105	0.0000
1.000	A	2.5034	2.4889	2.4475	2.3848	2.3100	2.2346	2.1707	2.1284	2.1137
	RHO	5.0740	5.0633	5.0316	4.9803	4.9137	4.8398	4.7712	4.7223	4.7046
	P	2.5237	2.4894	2.3921	2.2480	2.0810	1.9180	1.7843	1.6979	1.6681
THS/THC		1.1997	1.1987	1.1955	1.1900	1.1824	1.1735	1.1646	1.1580	1.1556

M= 6.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.7621	2.7909	2.8732	2.9985	3.1497	3.3045	3.4374	3.5256	3.5559
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2040	0.3819	0.5096	0.5653	0.5327	0.4093	0.2181	0.0000
0.0	A	2.5834	2.5756	2.5534	2.5199	2.4803	2.4411	2.4090	2.3885	2.3814
	RHO	5.3630	5.2827	5.0583	4.7350	4.3745	4.0402	3.7814	3.6225	3.5695
	P	2.8408	2.7814	2.6174	2.3862	2.1358	1.9108	1.7417	1.6401	1.6066
	U	2.7621	2.8094	2.9479	3.1671	3.4513	3.7801	4.1109	4.3618	4.4550
	V	-0.0317	-0.0316	-0.0312	-0.0306	-0.0299	-0.0293	-0.0285	-0.0276	-0.0272
	W	0.0	0.2216	0.4101	0.5354	0.5744	0.5183	0.3847	0.2045	0.0000
0.025	A	2.5834	2.5712	2.5353	2.4770	2.3982	2.3000	2.1888	2.0943	2.0568
	RHO	5.3628	5.3008	5.1313	4.9013	4.6802	4.5522	4.5809	4.7117	4.7848
	P	2.8406	2.7813	2.6177	2.3868	2.1364	1.9112	1.7418	1.6401	1.6065
	U	2.7618	2.8122	2.9589	3.1895	3.4843	3.8156	4.1352	4.3694	4.4548
	V	-0.0631	-0.0628	-0.0620	-0.0607	-0.0593	-0.0579	-0.0565	-0.0550	-0.0543
	W	0.0	0.2325	0.4307	0.5641	0.6098	0.5598	0.4269	0.2323	0.0000
0.050	A	2.5833	2.5703	2.5320	2.4699	2.3868	2.2860	2.1779	2.0905	2.0568
	RHO	5.3621	5.3039	5.1450	4.9304	4.7261	4.6087	4.6271	4.7282	4.7842
	P	2.8401	2.7810	2.6177	2.3871	2.1368	1.9115	1.7419	1.6399	1.6062
	U	2.7609	2.8145	2.9702	3.2126	3.5174	3.8495	4.1574	4.3758	4.4543
	V	-0.1248	-0.1243	-0.1227	-0.1205	-0.1177	-0.1149	-0.1117	-0.1084	-0.1069
	W	0.0	0.2494	0.4631	0.6093	0.6652	0.6215	0.4841	0.2675	0.0000
0.100	A	2.5831	2.5691	2.5277	2.4613	2.3737	2.2709	2.1666	2.0866	2.0566
	RHO	5.3595	5.3062	5.1609	4.9652	4.7797	4.6711	4.6748	4.7437	4.7821
	P	2.8381	2.7795	2.6171	2.3873	2.1374	1.9118	1.7416	1.6391	1.6053
	U	2.7574	2.8146	2.9796	3.2339	3.5474	3.8789	4.1752	4.3797	4.4522
	V	-0.2445	-0.2435	-0.2408	-0.2368	-0.2317	-0.2258	-0.2183	-0.2107	-0.2073
	W	0.0	0.2754	0.5127	0.6784	0.7479	0.7085	0.5590	0.3107	0.0000
0.200	A	2.5821	2.5668	2.5219	2.4505	2.3581	2.2540	2.1545	2.0822	2.0559
	RHO	5.3495	5.3031	5.1766	5.0055	4.8417	4.7393	4.7222	4.7547	4.7746
	P	2.8308	2.7730	2.6129	2.3855	2.1368	1.9110	1.7396	1.6360	1.6017
	U	2.7519	2.8110	2.9813	3.2419	3.5596	3.8902	4.1808	4.3790	4.4490
	V	-0.3591	-0.3578	-0.3541	-0.3485	-0.3413	-0.3321	-0.3201	-0.3082	-0.3029
	W	0.0	0.2960	0.5517	0.7318	0.8103	0.7706	0.6092	0.3384	0.0000
0.300	A	2.5806	2.5645	2.5172	2.4426	2.3475	2.2433	2.1470	2.0792	2.0550
	RHO	5.3340	5.2930	5.1808	5.0280	4.8785	4.7778	4.7451	4.7544	4.7633
	P	2.8192	2.7626	2.6053	2.3809	2.1339	1.9083	1.7360	1.6312	1.5964
	U	2.7447	2.8051	2.9787	3.2433	3.5635	3.8937	4.1812	4.3760	4.4447
	V	-0.4691	-0.4675	-0.4628	-0.4557	-0.4463	-0.4339	-0.4176	-0.4014	-0.3944
	W	0.0	0.3133	0.5844	0.7761	0.8602	0.8192	0.6470	0.3585	0.0000
0.400	A	2.5786	2.5618	2.5128	2.4360	2.3393	2.2352	2.1413	2.0766	2.0537
	RHO	5.3135	5.2773	5.1777	5.0402	4.9022	4.8017	4.7561	4.7479	4.7489
	P	2.8041	2.7488	2.5947	2.3737	2.1291	1.9039	1.7307	1.6249	1.5897
	U	2.7359	2.7972	2.9732	3.2405	3.5625	3.8926	4.1783	4.3714	4.4394
	V	-0.5748	-0.5728	-0.5671	-0.5585	-0.5471	-0.5315	-0.5111	-0.4911	-0.4825
	W	0.0	0.3285	0.6128	0.8140	0.9024	0.8587	0.6769	0.3742	0.0000
0.500	A	2.5762	2.5589	2.5085	2.4300	2.3322	2.2284	2.1365	2.0741	2.0522
	RHO	5.2886	5.2568	5.1687	5.0451	4.9169	4.8162	4.7594	4.7370	4.7318
	P	2.7857	2.7319	2.5813	2.3643	2.1224	1.8981	1.7242	1.6173	1.5817
	U	2.7258	2.7877	2.9654	3.2346	3.5580	3.8882	4.1733	4.3656	4.4333
	V	-0.6765	-0.6741	-0.6675	-0.6573	-0.6437	-0.6252	-0.6010	-0.5776	-0.5676
	W	0.0	0.3420	0.6379	0.8472	0.9385	0.8918	0.7012	0.3867	0.0000
0.600	A	2.5734	2.5557	2.5041	2.4243	2.3257	2.2224	2.1322	2.0717	2.0505
	RHO	5.2600	5.2323	5.1548	5.0441	4.9247	4.8236	4.7570	4.7227	4.7122
	P	2.7646	2.7123	2.5655	2.3529	2.1141	1.8908	1.7164	1.6086	1.5725
	U	2.7145	2.7769	2.9557	3.2264	3.5509	3.8816	4.1665	4.3587	4.4264
	V	-0.7746	-0.7718	-0.7641	-0.7523	-0.7366	-0.7152	-0.6876	-0.6612	-0.6500
	W	0.0	0.3541	0.6604	0.8765	0.9699	0.9199	0.7215	0.3970	0.0000
0.700	A	2.5703	2.5522	2.4997	2.4189	2.3198	2.2170	2.1282	2.0692	2.0486
	RHO	5.2279	5.2041	5.1368	5.0381	4.9270	4.8256	4.7501	4.7053	4.6904
	P	2.7411	2.6902	2.5475	2.3396	2.1043	1.8824	1.7075	1.5989	1.5624
	U	2.7022	2.7649	2.9446	3.2164	3.5418	3.8732	4.1585	4.3509	4.4187
	V	-0.8694	-0.8662	-0.8573	-0.8439	-0.8260	-0.8019	-0.7712	-0.7422	-0.7300
	W	0.0	0.3651	0.6806	0.9027	0.9976	0.9442	0.7386	0.4055	0.0000
0.800	A	2.5668	2.5484	2.4952	2.4136	2.3142	2.2120	2.1245	2.0666	2.0466
	RHO	5.1927	5.1726	5.1149	5.0277	4.9246	4.8229	4.7394	4.6854	4.6666
	P	2.7152	2.6660	2.5275	2.3245	2.0931	1.8728	1.6977	1.5881	1.5512
	U	2.6890	2.7520	2.9323	3.2049	3.5312	3.8633	4.1494	4.3424	4.4104
	V	-0.9612	-0.9576	-0.9475	-0.9322	-0.9122	-0.8855	-0.8521	-0.8210	-0.8080
	W	0.0	0.3752	0.6991	0.9263	1.0222	0.9653	0.7532	0.4127	0.0000
0.900	A	2.5630	2.5444	2.4906	2.4084	2.3088	2.2072	2.1208	2.0639	2.0443
	RHO	5.1545	5.1379	5.0896	5.0135	4.9180	4.8163	4.7256	4.6630	4.6407
	P	2.6873	2.6398	2.5056	2.3079	2.0807	1.8622	1.6869	1.5765	1.5392
	U	2.6751	2.7382	2.9189	3.1922	3.5193	3.8523	4.1394	4.3332	4.4015
	V	-1.0503	-1.0462	-1.0348	-1.0177	-0.9954	-0.9663	-0.9305	-0.8976	-0.8839
	W	0.0	0.3844	0.7159	0.9477	1.0441	0.9838	0.7658	0.4183	0.0000
1.000	A	2.5589	2.5401	2.4858	2.4032	2.3036	2.2016	2.1172	2.0612	2.0418
	RHO	5.1136	5.1004	5.0610	4.9957	4.9078	4.8062	4.7089	4.6385	4.6128
	P	2.6575	2.6117	2.4820	2.2898	2.0673	1.8506	1.6752	1.5640	1.5263
THS/THC		1.2116	1.2104	1.2067	1.2001	1.1904	1.1780	1.1651	1.1551	1.1514

M= 6.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)= 4.1833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.4952	2.5328	2.6406	2.8057	3.0069	3.2155	3.3974	3.5184	3.5593
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2668	0.5014	0.6741	0.7567	0.7242	0.5623	0.2975	0.0000
0.0	A	2.6372	2.6273	2.5991	2.5563	2.5054	2.4550	2.4143	2.3889	2.3804
	RHO	5.4087	5.3083	5.0287	4.6283	4.1855	3.7812	3.4777	3.2989	3.2406
	P	2.9854	2.9081	2.6960	2.4003	2.0851	1.8086	1.6087	1.4941	1.4573
	U	2.4951	2.5507	2.7130	2.9703	3.3043	3.7015	4.1373	4.4880	4.6197
	V	-0.0327	-0.0325	-0.0320	-0.0312	-0.0303	-0.0296	-0.0288	-0.0275	-0.0269
	W	0.0	0.2825	0.5246	0.6891	0.7445	0.6692	0.4864	0.2557	0.0000
0.025	A	2.6372	2.6234	2.5830	2.5177	2.4296	2.3185	2.1753	2.0388	1.9828
	RHO	5.4084	5.3243	5.0927	4.7732	4.4533	4.2414	4.2844	4.5292	4.6702
	P	2.9852	2.9082	2.6966	2.4014	2.0862	1.8094	1.6090	1.4941	1.4573
	U	2.4949	2.5545	2.7281	3.0020	3.3544	3.7622	4.1818	4.5021	4.6195
	V	-0.0649	-0.0645	-0.0634	-0.0619	-0.0599	-0.0583	-0.0568	-0.0548	-0.0537
	W	0.0	0.2935	0.5451	0.7168	0.7774	0.7105	0.5370	0.2932	0.0000
0.050	A	2.6371	2.6223	2.5789	2.5086	2.4139	2.2959	2.1554	2.0317	1.9828
	RHO	5.4077	5.3282	5.1097	4.8101	4.5133	4.3267	4.3647	4.5607	4.6696
	P	2.9847	2.9079	2.6970	2.4023	2.0873	1.8101	1.6093	1.4940	1.4570
	U	2.4938	2.5580	2.7446	3.0365	3.4067	3.8210	4.2224	4.5142	4.6190
	V	-0.1283	-0.1276	-0.1256	-0.1227	-0.1192	-0.1160	-0.1125	-0.1079	-0.1055
	W	0.0	0.3116	0.5794	0.7640	0.8353	0.7795	0.6090	0.3403	0.0000
0.100	A	2.6368	2.6208	2.5734	2.4971	2.3953	2.2711	2.1353	2.0245	1.9826
	RHO	5.4049	5.3318	5.1312	4.8572	4.5887	4.4248	4.4489	4.5911	4.6676
	P	2.9825	2.9064	2.6970	2.4036	2.0893	1.8113	1.6095	1.4934	1.4561
	U	2.4900	2.5593	2.7599	3.0705	3.4569	3.8735	4.2558	4.5226	4.6170
	V	-0.2509	-0.2497	-0.2463	-0.2415	-0.2356	-0.2293	-0.2206	-0.2095	-0.2039
	W	0.0	0.3407	0.6348	0.8410	0.9293	0.8841	0.7051	0.3972	0.0000
0.200	A	2.6358	2.6180	2.5658	2.4821	2.3720	2.2435	2.1140	2.0172	1.9820
	RHO	5.3944	5.3307	5.1560	4.9171	4.6831	4.5378	4.5363	4.6171	4.6603
	P	2.9744	2.8998	2.6940	2.4042	2.0912	1.8127	1.6089	1.4910	1.4529
	U	2.4839	2.5562	2.7648	3.0854	3.4795	3.8959	4.2684	4.5240	4.6139
	V	-0.3680	-0.3664	-0.3619	-0.3555	-0.3477	-0.3381	-0.3236	-0.3058	-0.2972
	W	0.0	0.3646	0.6802	0.9036	1.0033	0.9616	0.7700	0.4328	0.0000
0.300	A	2.6342	2.6153	2.5597	2.4712	2.3565	2.2265	2.1017	2.0127	1.9811
	RHO	5.3780	5.3220	5.1680	4.9559	4.7456	4.6077	4.5841	4.6257	4.6495
	P	2.9617	2.8889	2.6874	2.4021	2.0915	1.8128	1.6070	1.4871	1.4483
	U	2.4760	2.5503	2.7641	3.0911	3.4897	3.9056	4.2725	4.5221	4.6098
	V	-0.4801	-0.4781	-0.4726	-0.4647	-0.4550	-0.4422	-0.4220	-0.3977	-0.3864
	W	0.0	0.3853	0.7193	0.9570	1.0650	1.0231	0.8184	0.4583	0.0000
0.400	A	2.6321	2.6122	2.5541	2.4622	2.3444	2.2138	2.0928	2.0092	1.9799
	RHO	5.3564	5.3074	5.1717	4.9828	4.7915	4.6571	4.6138	4.6258	4.6360
	P	2.9451	2.8743	2.6777	2.3975	2.0900	1.8115	1.6038	1.4820	1.4423
	U	2.4664	2.5420	2.7594	3.0908	3.4924	3.9081	4.2718	4.5182	4.6048
	V	-0.5876	-0.5851	-0.5785	-0.5692	-0.5577	-0.5417	-0.5160	-0.4859	-0.4721
	W	0.0	0.4037	0.7540	1.0037	1.1178	1.0736	0.8566	0.4777	0.0000
0.500	A	2.6295	2.6089	2.5488	2.4542	2.3342	2.2037	2.0858	2.0061	1.9785
	RHO	5.3304	5.2878	5.1691	5.0013	4.8263	4.6935	4.6325	4.6204	4.6199
	P	2.9251	2.8564	2.6651	2.3907	2.0870	1.8090	1.5996	1.4758	1.4354
	U	2.4554	2.5320	2.7520	3.0863	3.4901	3.9059	4.2679	4.5128	4.5989
	V	-0.6907	-0.6879	-0.6802	-0.6693	-0.6559	-0.6368	-0.6060	-0.5708	-0.5549
	W	0.0	0.4204	0.7850	1.0450	1.1635	1.1159	0.8874	0.4930	0.0000
0.600	A	2.6266	2.6053	2.5435	2.4468	2.3253	2.1952	2.0800	2.0033	1.9770
	RHO	5.3005	5.2639	5.1611	5.0131	4.8528	4.7207	4.6435	4.6108	4.6017
	P	2.9022	2.8357	2.6500	2.3819	2.0825	1.8054	1.5944	1.4686	1.4274
	U	2.4432	2.5205	2.7422	3.0788	3.4841	3.9003	4.2618	4.5063	4.5923
	V	-0.7900	-0.7867	-0.7778	-0.7653	-0.7498	-0.7277	-0.6924	-0.6528	-0.6350
	W	0.0	0.4356	0.8132	1.0821	1.2037	1.1521	0.9128	0.5054	0.0000
0.700	A	2.6232	2.6015	2.5383	2.4398	2.3173	2.1878	2.0749	2.0006	1.9752
	RHO	5.2671	5.2362	5.1486	5.0192	4.8726	4.7407	4.6487	4.5980	4.5815
	P	2.8766	2.8125	2.6326	2.3713	2.0766	1.8008	1.5883	1.4606	1.4186
	U	2.4299	2.5077	2.7307	3.0688	3.4754	3.8922	4.2541	4.4988	4.5849
	V	-0.8858	-0.8820	-0.8717	-0.8574	-0.8398	-0.8147	-0.7754	-0.7322	-0.7128
	W	0.0	0.4495	0.8390	1.1156	1.2393	1.1832	0.9341	0.5155	0.0000
0.800	A	2.6196	2.5974	2.5330	2.4332	2.3103	2.1812	2.0702	1.9980	1.9733
	RHO	5.2305	5.2051	5.1319	5.0204	4.8868	4.7550	4.6493	4.5825	4.5593
	P	2.8486	2.7869	2.6132	2.3590	2.0696	1.7954	1.5815	1.4518	1.4091
	U	2.4158	2.4939	2.7177	3.0568	3.4645	3.8823	4.2450	4.4905	4.5770
	V	-0.9783	-0.9740	-0.9623	-0.9459	-0.9260	-0.8981	-0.8555	-0.8092	-0.7886
	W	0.0	0.4624	0.8626	1.1460	1.2711	1.2103	0.9521	0.5239	0.0000
0.900	A	2.6156	2.5930	2.5276	2.4268	2.3032	2.1752	2.0660	1.9953	1.9712
	RHO	5.1909	5.1708	5.1115	5.0172	4.8962	4.7645	4.6460	4.5645	4.5354
	P	2.8185	2.7592	2.5918	2.3451	2.0614	1.7891	1.5739	1.4422	1.3987
	U	2.4009	2.4792	2.7035	3.0434	3.4523	3.8709	4.2349	4.4816	4.5685
	V	-1.0680	-1.0631	-1.0498	-1.0313	-1.0089	-0.9782	-0.9326	-0.8840	-0.8625
	W	0.0	0.4743	0.8844	1.1738	1.2998	1.2341	0.9674	0.5309	0.0000
1.000	A	2.6113	2.5884	2.5222	2.4206	2.2968	2.1696	2.0620	1.9926	1.9690
	RHO	5.1486	5.1335	5.0877	5.0101	4.9013	4.7699	4.6396	4.5442	4.5096
	P	2.7864	2.7296	2.5686	2.3298	2.0521	1.7820	1.5656	1.4319	1.3876
THS/THC		1.2258	1.2246	1.2207	1.2134	1.2019	1.1859	1.1679	1.1535	1.1480

M= 7.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0
	U	4.3492
	V	0.0000
	W	0.0
-0.000	A	2.6490
	RHO	5.3704
	P	2.1973
	U	4.3491
	V	-0.0318
	W	0.0
0.025	A	2.6489
	RHO	5.3702
	P	2.1972
	U	4.3489
	V	-0.0633
	W	0.0
0.050	A	2.6489
	RHO	5.3697
	P	2.1969
	U	4.3483
	V	-0.1252
	W	0.0
0.100	A	2.6487
	RHO	5.3675
	P	2.1956
	U	4.3456
	V	-0.2453
	W	0.0
0.200	A	2.6478
	RHO	5.3591
	P	2.1909
	U	4.3415
	V	-0.3608
	W	0.0
0.300	A	2.6466
	RHO	5.3461
	P	2.1834
	U	4.3360
	V	-0.4723
	W	0.0
0.400	A	2.6449
	RHO	5.3290
	P	2.1736
	U	4.3292
	V	-0.5800
	W	0.0
0.500	A	2.6428
	RHO	5.3082
	P	2.1618
	U	4.3213
	V	-0.6843
	W	0.0
0.600	A	2.6404
	RHO	5.2842
	P	2.1481
	U	4.3123
	V	-0.7856
	W	0.0
0.700	A	2.6377
	RHO	5.2570
	P	2.1326
	U	4.3025
	V	-0.8840
	W	0.0
0.800	A	2.6347
	RHO	5.2270
	P	2.1156
	U	4.2918
	V	-0.9799
	W	0.0
0.900	A	2.6314
	RHO	5.1944
	P	2.0972
	U	4.2803
	V	-1.0736
	W	0.0
1.000	A	2.6278
	RHO	5.1592
	P	2.0773

THS/THC 1.1623

M= 7.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.3001	4.3014	4.3050	4.3104	4.3169	4.3233	4.3287	4.3323	4.3336
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0091	0.0167	0.0219	0.0237	0.0219	0.0167	0.0091	0.0000
0.0	A	2.6649	2.6645	2.6633	2.6616	2.6595	2.6574	2.6556	2.6545	2.6541
	RHO	5.3822	5.3780	5.3661	5.3483	5.3275	5.3067	5.2891	5.2774	5.2732
	P	2.2288	2.2263	2.2195	2.2092	2.1971	2.1851	2.1750	2.1682	2.1659
	U	4.3000	4.3037	4.3141	4.3298	4.3484	4.3672	4.3832	4.3939	4.3977
	V	-0.0319	-0.0319	-0.0319	-0.0318	-0.0318	-0.0318	-0.0317	-0.0317	-0.0317
	W	0.0	0.0118	0.0218	0.0284	0.0308	0.0284	0.0217	0.0117	0.0000
0.025	A	2.6649	2.6637	2.6603	2.6552	2.6491	2.6430	2.6377	2.6341	2.6329
	RHO	5.3820	5.3809	5.3780	5.3737	5.3689	5.3646	5.3611	5.3590	5.3582
	P	2.2287	2.2262	2.2193	2.2091	2.1970	2.1850	2.1749	2.1681	2.1658
	U	4.2999	4.3035	4.3140	4.3297	4.3484	4.3671	4.3830	4.3937	4.3975
	V	-0.0635	-0.0635	-0.0634	-0.0633	-0.0633	-0.0632	-0.0631	-0.0630	-0.0630
	W	0.0	0.0129	0.0239	0.0312	0.0338	0.0312	0.0239	0.0129	0.0000
0.050	A	2.6649	2.6637	2.6603	2.6551	2.6490	2.6429	2.6376	2.6340	2.6328
	RHO	5.3814	5.3804	5.3775	5.3732	5.3685	5.3642	5.3607	5.3584	5.3577
	P	2.2283	2.2259	2.2190	2.2087	2.1967	2.1847	2.1745	2.1678	2.1654
	U	4.2992	4.3029	4.3134	4.3291	4.3478	4.3665	4.3824	4.3931	4.3968
	V	-0.1257	-0.1257	-0.1255	-0.1254	-0.1252	-0.1250	-0.1248	-0.1247	-0.1246
	W	0.0	0.0145	0.0267	0.0349	0.0379	0.0350	0.0268	0.0145	0.0000
0.100	A	2.6646	2.6634	2.6600	2.6549	2.6488	2.6426	2.6374	2.6338	2.6326
	RHO	5.3792	5.3782	5.3753	5.3712	5.3665	5.3621	5.3586	5.3563	5.3555
	P	2.2270	2.2246	2.2177	2.2075	2.1954	2.1834	2.1733	2.1666	2.1642
	U	4.2965	4.3002	4.3108	4.3266	4.3453	4.3640	4.3799	4.3905	4.3943
	V	-0.2464	-0.2463	-0.2461	-0.2457	-0.2453	-0.2449	-0.2445	-0.2443	-0.2441
	W	0.0	0.0166	0.0306	0.0400	0.0434	0.0402	0.0308	0.0167	0.0000
0.200	A	2.6638	2.6626	2.6592	2.6540	2.6479	2.6418	2.6365	2.6330	2.6318
	RHO	5.3708	5.3698	5.3670	5.3630	5.3584	5.3540	5.3504	5.3480	5.3472
	P	2.2222	2.2198	2.2129	2.2027	2.1906	2.1787	2.1686	2.1619	2.1595
	U	4.2923	4.2960	4.3066	4.3224	4.3412	4.3599	4.3758	4.3865	4.3902
	V	-0.3626	-0.3624	-0.3621	-0.3615	-0.3609	-0.3602	-0.3597	-0.3593	-0.3591
	W	0.0	0.0180	0.0334	0.0437	0.0473	0.0438	0.0336	0.0182	0.0000
0.300	A	2.6625	2.6613	2.6579	2.6527	2.6466	2.6405	2.6352	2.6317	2.6305
	RHO	5.3577	5.3567	5.3540	5.3500	5.3455	5.3411	5.3375	5.3351	5.3343
	P	2.2146	2.2122	2.2054	2.1952	2.1832	2.1713	2.1613	2.1546	2.1522
	U	4.2867	4.2904	4.3010	4.3169	4.3356	4.3544	4.3703	4.3810	4.3847
	V	-0.4746	-0.4744	-0.4740	-0.4732	-0.4723	-0.4714	-0.4707	-0.4702	-0.4700
	W	0.0	0.0192	0.0356	0.0465	0.0504	0.0466	0.0357	0.0194	0.0000
0.400	A	2.6608	2.6596	2.6561	2.6510	2.6449	2.6387	2.6335	2.6300	2.6288
	RHO	5.3404	5.3395	5.3369	5.3330	5.3285	5.3241	5.3205	5.3181	5.3173
	P	2.2046	2.2022	2.1954	2.1853	2.1734	2.1616	2.1516	2.1450	2.1426
	U	4.2798	4.2836	4.2942	4.3101	4.3289	4.3477	4.3636	4.3743	4.3781
	V	-0.5829	-0.5827	-0.5821	-0.5812	-0.5801	-0.5790	-0.5780	-0.5774	-0.5772
	W	0.0	0.0202	0.0373	0.0489	0.0530	0.0490	0.0375	0.0203	0.0000
0.500	A	2.6587	2.6575	2.6540	2.6489	2.6428	2.6367	2.6315	2.6280	2.6268
	RHO	5.3195	5.3186	5.3160	5.3122	5.3078	5.3035	5.2999	5.2975	5.2967
	P	2.1925	2.1901	2.1834	2.1734	2.1616	2.1499	2.1399	2.1333	2.1310
	U	4.2718	4.2756	4.2862	4.3022	4.3213	4.3398	4.3558	4.3665	4.3702
	V	-0.6878	-0.6875	-0.6868	-0.6857	-0.6844	-0.6831	-0.6820	-0.6812	-0.6809
	W	0.0	0.0210	0.0389	0.0508	0.0551	0.0510	0.0391	0.0212	0.0000
0.600	A	2.6563	2.6551	2.6516	2.6465	2.6404	2.6343	2.6291	2.6256	2.6244
	RHO	5.2952	5.2943	5.2918	5.2881	5.2838	5.2796	5.2760	5.2737	5.2728
	P	2.1785	2.1762	2.1695	2.1596	2.1479	2.1363	2.1264	2.1199	2.1176
	U	4.2628	4.2665	4.2772	4.2932	4.3120	4.3309	4.3469	4.3577	4.3614
	V	-0.7895	-0.7892	-0.7884	-0.7871	-0.7855	-0.7841	-0.7828	-0.7820	-0.7817
	W	0.0	0.0217	0.0402	0.0526	0.0570	0.0527	0.0404	0.0219	0.0000
0.700	A	2.6535	2.6523	2.6489	2.6437	2.6375	2.6316	2.6264	2.6229	2.6217
	RHO	5.2678	5.2670	5.2646	5.2610	5.2568	5.2526	5.2491	5.2467	5.2459
	P	2.1628	2.1604	2.1539	2.1440	2.1325	2.1210	2.1112	2.1048	2.1025
	U	4.2528	4.2566	4.2673	4.2833	4.3022	4.3211	4.3372	4.3479	4.3517
	V	-0.8885	-0.8881	-0.8872	-0.8858	-0.8841	-0.8824	-0.8809	-0.8800	-0.8796
	W	0.0	0.0224	0.0414	0.0541	0.0585	0.0542	0.0415	0.0225	0.0000
0.800	A	2.6505	2.6492	2.6458	2.6407	2.6346	2.6285	2.6234	2.6200	2.6187
	RHO	5.2376	5.2368	5.2344	5.2310	5.2269	5.2228	5.2194	5.2171	5.2163
	P	2.1454	2.1431	2.1366	2.1269	2.1155	2.1041	2.0945	2.0881	2.0858
	U	4.2420	4.2457	4.2565	4.2725	4.2915	4.3105	4.3266	4.3374	4.3411
	V	-0.9848	-0.9845	-0.9834	-0.9819	-0.9803	-0.9781	-0.9765	-0.9754	-0.9750
	W	0.0	0.0229	0.0424	0.0554	0.0600	0.0555	0.0425	0.0230	0.0000
0.900	A	2.6471	2.6459	2.6425	2.6374	2.6313	2.6253	2.6201	2.6167	2.6155
	RHO	5.2046	5.2038	5.2016	5.1983	5.1943	5.1904	5.1870	5.1847	5.1839
	P	2.1265	2.1243	2.1179	2.1083	2.0971	2.0858	2.0763	2.0700	2.0678
	U	4.2304	4.2342	4.2449	4.2610	4.2800	4.2991	4.3152	4.3260	4.3298
	V	-1.0789	-1.0785	-1.0774	-1.0757	-1.0737	-1.0716	-1.0698	-1.0686	-1.0682
	W	0.0	0.0234	0.0433	0.0566	0.0613	0.0567	0.0434	0.0235	0.0000
1.000	A	2.6435	2.6423	2.6389	2.6338	2.6277	2.6217	2.6166	2.6132	2.6120
	RHO	5.1691	5.1683	5.1662	5.1629	5.1591	5.1553	5.1520	5.1498	5.1490
	P	2.1062	2.1040	2.0977	2.0883	2.0772	2.0661	2.0567	2.0505	2.0483
THS/THC		1.1638	1.1636	1.1633	1.1629	1.1623	1.1618	1.1613	1.1610	1.1609

M= 7.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.0991	4.1059	4.1251	4.1540	4.1881	4.2222	4.2511	4.2704	4.2772
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0480	0.0888	0.1162	0.1259	0.1164	0.0890	0.0481	0.0000
0.0	A	2.7275	2.7254	2.7194	2.7104	2.6998	2.6892	2.6803	2.6744	2.6723
	RHO	5.4267	5.4057	5.3462	5.2582	5.1562	5.0562	4.9729	4.9180	4.8989
	P	2.3541	2.3413	2.3053	2.2524	2.1915	2.1321	2.0831	2.0510	2.0399
	U	4.0990	4.1162	4.1655	4.2410	4.3327	4.4274	4.5104	4.5671	4.5873
	V	-0.0325	-0.0324	-0.0323	-0.0321	-0.0319	-0.0316	-0.0314	-0.0312	-0.0311
	W	0.0	0.0596	0.1099	0.1431	0.1541	0.1417	0.1079	0.0582	0.0000
0.025	A	2.7275	2.7222	2.7069	2.6830	2.6534	2.6221	2.5940	2.5744	2.5673
	RHO	5.4265	5.4181	5.3956	5.3660	5.3379	5.3182	5.3091	5.3073	5.3075
	P	2.3539	2.3412	2.3052	2.2523	2.1914	2.1321	2.0830	2.0509	2.0398
	U	4.0988	4.1163	4.1664	4.2427	4.3348	4.4293	4.5114	4.5673	4.5872
	V	-0.0646	-0.0645	-0.0642	-0.0638	-0.0634	-0.0628	-0.0624	-0.0621	-0.0619
	W	0.0	0.0647	0.1195	0.1561	0.1689	0.1559	0.1193	0.0646	0.0000
0.050	A	2.7275	2.7221	2.7064	2.6822	2.6524	2.6212	2.5934	2.5742	2.5673
	RHO	5.4259	5.4180	5.3968	5.3685	5.3412	5.3213	5.3108	5.3074	5.3070
	P	2.3536	2.3408	2.3049	2.2520	2.1911	2.1318	2.0828	2.0506	2.0395
	U	4.0981	4.1158	4.1668	4.2439	4.3365	4.4307	4.5120	4.5671	4.5865
	V	-0.1279	-0.1277	-0.1272	-0.1264	-0.1254	-0.1244	-0.1234	-0.1228	-0.1225
	W	0.0	0.0719	0.1331	0.1743	0.1892	0.1754	0.1347	0.0731	0.0000
0.100	A	2.7272	2.7217	2.7057	2.6812	2.6512	2.6200	2.5926	2.5738	2.5671
	RHO	5.4236	5.4163	5.3965	5.3698	5.3434	5.3231	5.3111	5.3060	5.3048
	P	2.3522	2.3395	2.3036	2.2508	2.1899	2.1306	2.0816	2.0495	2.0383
	U	4.0953	4.1134	4.1651	4.2431	4.3360	4.4301	4.5107	4.5650	4.5841
	V	-0.2509	-0.2506	-0.2495	-0.2478	-0.2458	-0.2436	-0.2416	-0.2402	-0.2397
	W	0.0	0.0819	0.1518	0.1992	0.2168	0.2015	0.1551	0.0843	0.0000
0.200	A	2.7264	2.7207	2.7043	2.6794	2.6492	2.6182	2.5912	2.5728	2.5663
	RHO	5.4151	5.4084	5.3903	5.3656	5.3403	5.3196	5.3058	5.2988	5.2967
	P	2.3470	2.3343	2.2986	2.2461	2.1854	2.1262	2.0773	2.0451	2.0340
	U	4.0908	4.1091	4.1612	4.2397	4.3333	4.4270	4.5073	4.5612	4.5802
	V	-0.3694	-0.3689	-0.3673	-0.3648	-0.3617	-0.3583	-0.3553	-0.3531	-0.3523
	W	0.0	0.0892	0.1653	0.2170	0.2364	0.2199	0.1693	0.0920	0.0000
0.300	A	2.7250	2.7192	2.7027	2.6775	2.6472	2.6163	2.5896	2.5715	2.5650
	RHO	5.4015	5.3954	5.3786	5.3553	5.3309	5.3099	5.2951	5.2868	5.2842
	P	2.3388	2.3263	2.2908	2.2386	2.1783	2.1193	2.0705	2.0384	2.0272
	U	4.0849	4.1033	4.1557	4.2346	4.3281	4.4221	4.5023	4.5561	4.5751
	V	-0.4838	-0.4830	-0.4809	-0.4776	-0.4734	-0.4689	-0.4648	-0.4619	-0.4608
	W	0.0	0.0949	0.1760	0.2312	0.2518	0.2342	0.1803	0.0980	0.0000
0.400	A	2.7232	2.7174	2.7007	2.6753	2.6450	2.6142	2.5877	2.5698	2.5635
	RHO	5.3837	5.3781	5.3624	5.3403	5.3166	5.2956	5.2799	5.2707	5.2677
	P	2.3280	2.3156	2.2805	2.2287	2.1688	2.1102	2.0615	2.0295	2.0184
	U	4.0776	4.0961	4.1488	4.2279	4.3217	4.4159	4.4961	4.5498	4.5687
	V	-0.5943	-0.5934	-0.5907	-0.5866	-0.5814	-0.5758	-0.5706	-0.5670	-0.5656
	W	0.0	0.0998	0.1850	0.2429	0.2645	0.2460	0.1893	0.1029	0.0000
0.500	A	2.7210	2.7151	2.6983	2.6729	2.6426	2.6118	2.5855	2.5678	2.5615
	RHO	5.3621	5.3568	5.3421	5.3212	5.2982	5.2773	5.2611	5.2511	5.2478
	P	2.3149	2.3026	2.2680	2.2167	2.1573	2.0991	2.0507	2.0188	2.0077
	U	4.0692	4.0877	4.1406	4.2200	4.3143	4.4084	4.4886	4.5424	4.5613
	V	-0.7013	-0.7002	-0.6970	-0.6921	-0.6859	-0.6792	-0.6731	-0.6688	-0.6672
	W	0.0	0.1039	0.1926	0.2529	0.2753	0.2559	0.1969	0.1069	0.0000
0.600	A	2.7185	2.7126	2.6956	2.6702	2.6398	2.6092	2.5830	2.5655	2.5593
	RHO	5.3369	5.3320	5.3183	5.2985	5.2763	5.2554	5.2388	5.2283	5.2248
	P	2.2997	2.2876	2.2534	2.2028	2.1443	2.0862	2.0381	2.0065	1.9954
	U	4.0596	4.0782	4.1313	4.2109	4.3052	4.3997	4.4802	4.5340	4.5530
	V	-0.8050	-0.8038	-0.8001	-0.7944	-0.7872	-0.7795	-0.7725	-0.7676	-0.7658
	W	0.0	0.1076	0.1993	0.2616	0.2847	0.2645	0.2034	0.1104	0.0000
0.700	A	2.7156	2.7096	2.6927	2.6672	2.6369	2.6063	2.5803	2.5629	2.5567
	RHO	5.3086	5.3040	5.2912	5.2725	5.2511	5.2304	5.2136	5.2027	5.1989
	P	2.2826	2.2707	2.2370	2.1870	2.1289	2.0717	2.0240	1.9926	1.9816
	U	4.0491	4.0677	4.1210	4.2008	4.2953	4.3901	4.4707	4.5247	4.5437
	V	-0.9059	-0.9045	-0.9003	-0.8939	-0.8858	-0.8771	-0.8693	-0.8637	-0.8617
	W	0.0	0.1108	0.2052	0.2692	0.2928	0.2719	0.2090	0.1135	0.0000
0.800	A	2.7124	2.7064	2.6894	2.6639	2.6335	2.6032	2.5773	2.5600	2.5539
	RHO	5.2773	5.2731	5.2612	5.2435	5.2229	5.2026	5.1855	5.1743	5.1703
	P	2.2638	2.2521	2.2189	2.1697	2.1123	2.0558	2.0085	1.9773	1.9664
	U	4.0377	4.0564	4.1098	4.1898	4.2845	4.3797	4.4605	4.5146	4.5337
	V	-1.0041	-1.0025	-0.9979	-0.9907	-0.9817	-0.9721	-0.9635	-0.9573	-0.9551
	W	0.0	0.1136	0.2105	0.2760	0.3001	0.2785	0.2140	0.1161	0.0000
0.900	A	2.7088	2.7029	2.6859	2.6604	2.6301	2.5998	2.5741	2.5569	2.5508
	RHO	5.2431	5.2393	5.2283	5.2117	5.1923	5.1729	5.1548	5.1433	5.1392
	P	2.2433	2.2318	2.1992	2.1508	2.0942	2.0384	1.9916	1.9606	1.9498
	U	4.0255	4.0442	4.0978	4.1781	4.2731	4.3684	4.4495	4.5038	4.5229
	V	-1.1000	-1.0982	-1.0931	-1.0852	-1.0753	-1.0649	-1.0554	-1.0488	-1.0464
	W	0.0	0.1162	0.2152	0.2821	0.3065	0.2843	0.2184	0.1184	0.0000
1.000	A	2.7050	2.6991	2.6821	2.6566	2.6264	2.5962	2.5706	2.5535	2.5475
	RHO	5.2063	5.2028	5.1927	5.1772	5.1583	5.1387	5.1215	5.1098	5.1056
	P	2.2213	2.2100	2.1780	2.1304	2.0748	2.0196	1.9734	1.9427	1.9329
THS/THC		1.1699	1.1694	1.1680	1.1659	1.1632	1.1604	1.1579	1.1562	1.1555

M= 7.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.8367	3.8511	3.8923	3.9542	4.0278	4.1017	4.1643	4.2061	4.2208
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1024	0.1901	0.2500	0.2723	0.2523	0.1930	0.1041	0.0000
0.0	A	2.8028	2.7985	2.7862	2.7677	2.7460	2.7244	2.7063	2.6944	2.6902
	RHO	5.4774	5.4352	5.3164	5.1427	4.9441	4.7530	4.5971	4.4963	4.4616
	P	2.5090	2.4820	2.4064	2.2970	2.1738	2.0571	1.9633	1.9033	1.8827
	U	3.8366	3.8683	3.9604	4.1037	4.2826	4.4741	4.6477	4.7699	4.8140
	V	-0.0332	-0.0331	-0.0329	-0.0325	-0.0320	-0.0315	-0.0310	-0.0306	-0.0305
	W	0.0	0.1210	0.2229	0.2896	0.3107	0.2839	0.2150	0.1155	0.0000
0.025	A	2.8028	2.7936	2.7664	2.7230	2.6669	2.6039	2.5437	2.4994	2.4829
	RHO	5.4772	5.4542	5.3927	5.3129	5.2418	5.2032	5.2037	5.2250	5.2372
	P	2.5089	2.4819	2.4064	2.2971	2.1739	2.0571	1.9632	1.9032	1.8826
	U	3.8364	3.8693	3.9642	4.1109	4.2919	4.4827	4.6530	4.7714	4.8138
	V	-0.0660	-0.0658	-0.0653	-0.0646	-0.0637	-0.0627	-0.0617	-0.0610	-0.0607
	W	0.0	0.1300	0.2401	0.3134	0.3387	0.3124	0.2390	0.1294	0.0000
0.050	A	2.8028	2.7931	2.7649	2.7202	2.6631	2.6002	2.5412	2.4985	2.4829
	RHO	5.4766	5.4552	5.3979	5.3234	5.2563	5.2178	5.2133	5.2278	5.2367
	P	2.5085	2.4816	2.4061	2.2969	2.1737	2.0569	1.9630	1.9029	1.8824
	U	3.8357	3.8696	3.9675	4.1175	4.3005	4.4906	4.6577	4.7724	4.8132
	V	-0.1308	-0.1304	-0.1295	-0.1280	-0.1261	-0.1240	-0.1221	-0.1205	-0.1200
	W	0.0	0.1430	0.2649	0.3474	0.3780	0.3516	0.2711	0.1477	0.0000
0.100	A	2.8025	2.7924	2.7630	2.7169	2.6588	2.5960	2.5384	2.4975	2.4827
	RHO	5.4742	5.4548	5.4025	5.3341	5.2713	5.2324	5.2223	5.2292	5.2345
	P	2.5070	2.4802	2.4049	2.2959	2.1729	2.0561	1.9621	1.9019	1.8813
	U	3.8326	3.8677	3.9686	4.1220	4.3068	4.4961	4.6602	4.7715	4.8110
	V	-0.2568	-0.2561	-0.2542	-0.2513	-0.2475	-0.2431	-0.2388	-0.2355	-0.2342
	W	0.0	0.1617	0.3002	0.3953	0.4324	0.4044	0.3134	0.1712	0.0000
0.200	A	2.8016	2.7910	2.7603	2.7126	2.6534	2.5908	2.5349	2.4959	2.4819
	RHO	5.4653	5.4483	5.4024	5.3415	5.2837	5.2440	5.2271	5.2253	5.2267
	P	2.5013	2.4747	2.4001	2.2917	2.1691	2.0525	1.9584	1.8980	1.8773
	U	3.8278	3.8636	3.9661	4.1212	4.3071	4.4961	4.6588	4.7686	4.8073
	V	-0.3782	-0.3772	-0.3744	-0.3700	-0.3642	-0.3575	-0.3509	-0.3458	-0.3438
	W	0.0	0.1756	0.3263	0.4302	0.4713	0.4415	0.3424	0.1871	0.0000
0.300	A	2.8002	2.7892	2.7577	2.7090	2.6493	2.5870	2.5320	2.4942	2.4808
	RHO	5.4513	5.4361	5.3948	5.3392	5.2848	5.2445	5.2230	5.2157	5.2145
	P	2.4924	2.4660	2.3922	2.2847	2.1629	2.0466	1.9525	1.8920	1.8712
	U	3.8214	3.8576	3.9611	4.1175	4.3041	4.4931	4.6550	4.7641	4.8025
	V	-0.4953	-0.4940	-0.4904	-0.4845	-0.4768	-0.4678	-0.4588	-0.4519	-0.4493
	W	0.0	0.1869	0.3474	0.4582	0.5022	0.4704	0.3647	0.1992	0.0000
0.400	A	2.7983	2.7871	2.7549	2.7056	2.6455	2.5835	2.5293	2.4924	2.4793
	RHO	5.4328	5.4191	5.3817	5.3306	5.2790	5.2382	5.2132	5.2018	5.1988
	P	2.4805	2.4546	2.3816	2.2753	2.1544	2.0386	1.9447	1.8842	1.8633
	U	3.8136	3.8501	3.9544	4.1116	4.2988	4.4879	4.6496	4.7583	4.7966
	V	-0.6084	-0.6069	-0.6023	-0.5950	-0.5854	-0.5742	-0.5630	-0.5545	-0.5512
	W	0.0	0.1965	0.3652	0.4817	0.5277	0.4941	0.3828	0.2089	0.0000
0.500	A	2.7959	2.7846	2.7520	2.7022	2.6419	2.5801	2.5266	2.4903	2.4775
	RHO	5.4102	5.3979	5.3640	5.3170	5.2679	5.2268	5.1990	5.1842	5.1798
	P	2.4661	2.4406	2.3687	2.2637	2.1443	2.0289	1.9352	1.8746	1.8538
	U	3.8045	3.8412	3.9461	4.1040	4.2918	4.4812	4.6429	4.7514	4.7896
	V	-0.7180	-0.7161	-0.7106	-0.7019	-0.6905	-0.6771	-0.6639	-0.6537	-0.6499
	W	0.0	0.2048	0.3806	0.5018	0.5495	0.5140	0.3978	0.2170	0.0000
0.600	A	2.7932	2.7817	2.7488	2.6986	2.6383	2.5767	2.5237	2.4880	2.4754
	RHO	5.3840	5.3730	5.3424	5.2991	5.2525	5.2112	5.1811	5.1635	5.1578
	P	2.4494	2.4243	2.3537	2.2502	2.1317	2.0174	1.9241	1.8637	1.8428
	U	3.7942	3.8311	3.9365	4.0950	4.2833	4.4730	4.6349	4.7436	4.7818
	V	-0.8241	-0.8220	-0.8156	-0.8055	-0.7922	-0.7769	-0.7617	-0.7501	-0.7457
	W	0.0	0.2122	0.3942	0.5194	0.5683	0.5311	0.4106	0.2238	0.0000
0.700	A	2.7901	2.7786	2.7453	2.6949	2.6345	2.5732	2.5207	2.4854	2.4730
	RHO	5.3544	5.3446	5.3172	5.2774	5.2331	5.1920	5.1599	5.1399	5.1332
	P	2.4305	2.4060	2.3367	2.2348	2.1178	2.0045	1.9117	1.8513	1.8305
	U	3.7830	3.8200	3.9257	4.0848	4.2736	4.4638	4.6260	4.7348	4.7731
	V	-0.9272	-0.9248	-0.9175	-0.9060	-0.8913	-0.8737	-0.8567	-0.8438	-0.8389
	W	0.0	0.2187	0.4062	0.5349	0.5848	0.5460	0.4217	0.2296	0.0000
0.800	A	2.7867	2.7751	2.7416	2.6910	2.6306	2.5696	2.5175	2.4826	2.4704
	RHO	5.3218	5.3131	5.2886	5.2524	5.2104	5.1695	5.1357	5.1137	5.1061
	P	2.4098	2.3858	2.3179	2.2178	2.1024	1.9902	1.8979	1.8378	1.8170
	U	3.7708	3.8079	3.9140	4.0735	4.2628	4.4535	4.6161	4.7253	4.7637
	V	-1.0276	-1.0248	-1.0166	-1.0037	-0.9870	-0.9679	-0.9492	-0.9351	-0.9298
	W	0.0	0.2246	0.4170	0.5488	0.5994	0.5590	0.4313	0.2347	0.0000
0.900	A	2.7830	2.7713	2.7376	2.6869	2.6266	2.5658	2.5141	2.4796	2.4675
	RHO	5.2861	5.2786	5.2571	5.2242	5.1845	5.1440	5.1088	5.0850	5.0766
	P	2.3873	2.3638	2.2974	2.1992	2.0856	1.9746	1.8829	1.8230	1.8023
	U	3.7578	3.7950	3.9014	4.0613	4.2512	4.4424	4.6055	4.7150	4.7535
	V	-1.1254	-1.1223	-1.1133	-1.0990	-1.0806	-1.0597	-1.0395	-1.0243	-1.0186
	W	0.0	0.2300	0.4267	0.5613	0.6125	0.5706	0.4398	0.2391	0.0000
1.000	A	2.7789	2.7671	2.7334	2.6827	2.6224	2.5619	2.5106	2.4764	2.4644
	RHO	5.2477	5.2413	5.2226	5.1930	5.1557	5.1156	5.0793	5.0539	5.0447
	P	2.3630	2.3401	2.2753	2.1792	2.0674	1.9578	1.8668	1.8072	1.7865
THS/THC		1.1785	1.1777	1.1752	1.1712	1.1663	1.1602	1.1548	1.1509	1.1495

M= 7.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.5613	3.5842	3.6498	3.7490	3.8677	3.9877	4.0900	4.1579	4.1816
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1629	0.3036	0.4019	0.4410	0.4111	0.3146	0.1690	0.0000
0.0	A	2.8746	2.8680	2.8491	2.8207	2.7873	2.7542	2.7267	2.7086	2.7024
	RHO	5.5233	5.4600	5.2824	5.0248	4.7341	4.4595	4.2408	4.1024	4.0553
	P	2.6614	2.6187	2.5003	2.3312	2.1446	1.9725	1.8384	1.7550	1.7269
	U	3.5612	3.6053	3.7341	3.9371	4.1966	4.4850	4.7582	4.9565	5.0291
	V	-0.0340	-0.0339	-0.0335	-0.0330	-0.0323	-0.0316	-0.0308	-0.0301	-0.0299
	W	0.0	0.1844	0.3402	0.4420	0.4729	0.4290	0.3221	0.1723	0.0000
0.025	A	2.8746	2.8624	2.8262	2.7677	2.6894	2.5963	2.5002	2.4249	2.3961
	RHO	5.5231	5.4813	5.3684	5.2195	5.0855	5.0191	5.0438	5.1184	5.1580
	P	2.6612	2.6187	2.5003	2.3314	2.1449	1.9727	1.8385	1.7549	1.7268
	U	3.5610	3.6073	3.7421	3.9526	4.2178	4.5060	4.7717	4.9606	5.0290
	V	-0.0675	-0.0673	-0.0666	-0.0655	-0.0641	-0.0627	-0.0613	-0.0600	-0.0596
	W	0.0	0.1961	0.3625	0.4733	0.5113	0.4702	0.3593	0.1949	0.0000
0.050	A	2.8746	2.8616	2.8235	2.7622	2.6813	2.5874	2.4939	2.4228	2.3961
	RHO	5.5225	5.4836	5.3786	5.2406	5.1167	5.0535	5.0690	5.1266	5.1575
	P	2.6608	2.6183	2.5002	2.3314	2.1449	1.9727	1.8384	1.7547	1.7265
	U	3.5601	3.6088	3.7498	3.9680	4.2385	4.5258	4.7841	4.9640	5.0284
	V	-0.1338	-0.1334	-0.1320	-0.1298	-0.1272	-0.1242	-0.1212	-0.1186	-0.1175
	W	0.0	0.2136	0.3960	0.5199	0.5665	0.5282	0.4092	0.2242	0.0000
0.100	A	2.8743	2.8605	2.8201	2.7556	2.6723	2.5777	2.4872	2.4205	2.3959
	RHO	5.5201	5.4847	5.3895	5.2644	5.1515	5.0905	5.0948	5.1339	5.1554
	P	2.6592	2.6169	2.4992	2.3309	2.1446	1.9723	1.8377	1.7539	1.7256
	U	3.5568	3.6080	3.7554	3.9812	4.2564	4.5424	4.7936	4.9654	5.0263
	V	-0.2629	-0.2620	-0.2594	-0.2553	-0.2501	-0.2439	-0.2371	-0.2312	-0.2288
	W	0.0	0.2396	0.4453	0.5878	0.6455	0.6075	0.4746	0.2611	0.0000
0.200	A	2.8733	2.8585	2.8154	2.7473	2.6610	2.5667	2.4795	2.4176	2.3952
	RHO	5.5108	5.4803	5.3978	5.2889	5.1885	5.1284	5.1184	5.1364	5.1478
	P	2.6529	2.6111	2.4947	2.3277	2.1422	1.9699	1.8349	1.7505	1.7220
	U	3.5516	3.6041	3.7551	3.9849	4.2625	4.5478	4.7955	4.9635	5.0229
	V	-0.3872	-0.3859	-0.3821	-0.3762	-0.3684	-0.3588	-0.3482	-0.3391	-0.3354
	W	0.0	0.2594	0.4828	0.6386	0.7032	0.6636	0.5190	0.2856	0.0000
0.300	A	2.8718	2.8564	2.8114	2.7412	2.6533	2.5593	2.4744	2.4152	2.3941
	RHO	5.4962	5.4693	5.3964	5.2991	5.2069	5.1465	5.1264	5.1310	5.1361
	P	2.6431	2.6019	2.4871	2.3218	2.1375	1.9655	1.8302	1.7453	1.7165
	U	3.5447	3.5981	3.7513	3.9837	4.2629	4.5479	4.7938	4.9598	5.0184
	V	-0.5070	-0.5053	-0.5004	-0.4927	-0.4823	-0.4694	-0.4550	-0.4428	-0.4378
	W	0.0	0.2759	0.5137	0.6800	0.7494	0.7074	0.5529	0.3039	0.0000
0.400	A	2.8698	2.8538	2.8076	2.7359	2.6470	2.5533	2.4701	2.4130	2.3927
	RHO	5.4769	5.4532	5.3884	5.3008	5.2152	5.1543	5.1261	5.1205	5.1211
	P	2.6301	2.5897	2.4767	2.3135	2.1307	1.9593	1.8237	1.7384	1.7095
	U	3.5362	3.5903	3.7451	3.9793	4.2597	4.5447	4.7896	4.9547	5.0128
	V	-0.6226	-0.6206	-0.6146	-0.6050	-0.5922	-0.5760	-0.5580	-0.5428	-0.5367
	W	0.0	0.2901	0.5402	0.7151	0.7883	0.7432	0.5802	0.3185	0.0000
0.500	A	2.8673	2.8510	2.8037	2.7309	2.6413	2.5480	2.4662	2.4106	2.3910
	RHO	5.4534	5.4325	5.3751	5.2962	5.2163	5.1549	5.1199	5.1061	5.1030
	P	2.6143	2.5747	2.4638	2.3030	2.1223	1.9514	1.8158	1.7301	1.7010
	U	3.5264	3.5809	3.7369	3.9725	4.2539	4.5391	4.7837	4.9483	5.0063
	V	-0.7345	-0.7320	-0.7249	-0.7135	-0.6981	-0.6789	-0.6575	-0.6396	-0.6325
	W	0.0	0.3026	0.5634	0.7456	0.8213	0.7734	0.6027	0.3303	0.0000
0.600	A	2.8644	2.8478	2.7998	2.7260	2.6360	2.5431	2.4625	2.4082	2.3890
	RHO	5.4261	5.4078	5.3573	5.2864	5.2118	5.1499	5.1092	5.0883	5.0821
	P	2.5960	2.5573	2.4486	2.2905	2.1117	1.9421	1.8066	1.7206	1.6913
	U	3.5154	3.5702	3.7271	3.9637	4.2463	4.5317	4.7764	4.9410	4.9989
	V	-0.8428	-0.8400	-0.8316	-0.8184	-0.8005	-0.7783	-0.7539	-0.7335	-0.7255
	W	0.0	0.3137	0.5839	0.7723	0.8496	0.7992	0.6218	0.3403	0.0000
0.700	A	2.8612	2.8443	2.7956	2.7211	2.6309	2.5385	2.4589	2.4055	2.3868
	RHO	5.3953	5.3796	5.3355	5.2721	5.2025	5.1403	5.0945	5.0677	5.0589
	P	2.5754	2.5376	2.4314	2.2762	2.0998	1.9314	1.7961	1.7099	1.6805
	U	3.5033	3.5584	3.7159	3.9534	4.2365	4.5228	4.7679	4.9327	4.9907
	V	-0.9480	-0.9447	-0.9351	-0.9200	-0.8997	-0.8747	-0.8474	-0.8248	-0.8159
	W	0.0	0.3237	0.6024	0.7961	0.8748	0.8217	0.6381	0.3487	0.0000
0.800	A	2.8576	2.8404	2.7912	2.7163	2.6259	2.5339	2.4553	2.4028	2.3844
	RHO	5.3613	5.3479	5.3101	5.2539	5.1891	5.1268	5.0765	5.0443	5.0332
	P	2.5527	2.5159	2.4123	2.2603	2.0864	1.9195	1.7845	1.6981	1.6686
	U	3.4903	3.5455	3.7036	3.9418	4.2256	4.5127	4.7584	4.9237	4.9818
	V	-1.0502	-1.0464	-1.0356	-1.0186	-0.9959	-0.9682	-0.9383	-0.9137	-0.9041
	W	0.0	0.3328	0.6190	0.8175	0.8972	0.8413	0.6523	0.3560	0.0000
0.900	A	2.8536	2.8363	2.7867	2.7113	2.6213	2.5295	2.4516	2.3998	2.3818
	RHO	5.3242	5.3132	5.2813	5.2321	5.1721	5.1099	5.0556	5.0185	5.0053
	P	2.5280	2.4923	2.3914	2.2427	2.0717	1.9063	1.7718	1.6853	1.6556
	U	3.4764	3.5318	3.6902	3.9290	4.2136	4.5015	4.7481	4.9139	4.9723
	V	-1.1498	-1.1456	-1.1334	-1.1144	-1.0894	-1.0591	-1.0268	-1.0006	-0.9903
	W	0.0	0.3411	0.6342	0.8368	0.9172	0.8587	0.6646	0.3623	0.0000
1.000	A	2.8493	2.8319	2.7819	2.7063	2.6163	2.5250	2.4479	2.3967	2.3789
	RHO	5.2843	5.2755	5.2493	5.2070	5.1516	5.0897	5.0318	4.9904	4.9753
	P	2.5015	2.4669	2.3688	2.2237	2.0557	1.8921	1.7581	1.6715	1.6417
THS/THC		1.1883	1.1872	1.1840	1.1784	1.1709	1.1619	1.1531	1.1466	1.1442

M= 7.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.2714	3.3036	3.3959	3.5364	3.7060	3.8794	4.0282	4.1270	4.1610
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2288	0.4283	0.5714	0.6336	0.5968	0.4583	0.2445	0.0000
0.0	A	2.9427	2.9337	2.9081	2.8694	2.8236	2.7783	2.7410	2.7170	2.7087
	RHO	5.5653	5.4809	5.2452	4.9054	4.5264	4.1746	3.9017	3.7338	3.6777
	P	2.8101	2.7507	2.5865	2.3550	2.1042	1.8789	1.7092	1.6071	1.5734
	U	3.2713	3.3262	3.4866	3.7408	4.0709	4.4529	4.8361	5.1256	5.2328
	V	-0.0348	-0.0347	-0.0342	-0.0335	-0.0327	-0.0318	-0.0308	-0.0298	-0.0293
	W	0.0	0.2504	0.4630	0.6035	0.6458	0.5811	0.4306	0.2288	0.0000
0.025	A	2.9427	2.9282	2.8853	2.8155	2.7207	2.6018	2.4669	2.3525	2.3073
	RHO	5.5651	5.5017	5.3288	5.0959	4.8765	4.7611	4.8169	4.9802	5.0686
	P	2.8100	2.7506	2.5867	2.3555	2.1047	1.8792	1.7093	1.6071	1.5733
	U	3.2711	3.3294	3.4994	3.7668	4.1088	4.4932	4.8634	5.1340	5.2326
	V	-0.0693	-0.0689	-0.0680	-0.0665	-0.0647	-0.0630	-0.0611	-0.0593	-0.0584
	W	0.0	0.2636	0.4880	0.6383	0.6887	0.6310	0.4806	0.2615	0.0000
0.050	A	2.9426	2.9271	2.8813	2.8070	2.7070	2.5852	2.4542	2.3481	2.3072
	RHO	5.5644	5.5051	5.3438	5.1276	4.9267	4.8228	4.8673	4.9983	5.0681
	P	2.8095	2.7503	2.5868	2.3558	2.1051	1.8795	1.7093	1.6069	1.5731
	U	3.2701	3.3323	3.5126	3.7936	4.1469	4.5320	4.8886	5.1413	5.2321
	V	-0.1372	-0.1366	-0.1348	-0.1320	-0.1286	-0.1250	-0.1210	-0.1169	-0.1151
	W	0.0	0.2842	0.5272	0.6930	0.7555	0.7049	0.5487	0.3031	0.0000
0.100	A	2.9424	2.9256	2.8762	2.7967	2.6914	2.5672	2.4408	2.3435	2.3070
	RHO	5.5619	5.5079	5.3614	5.1658	4.9854	4.8913	4.9201	5.0157	5.0660
	P	2.8077	2.7489	2.5862	2.3560	2.1056	1.8797	1.7091	1.6062	1.5722
	U	3.2665	3.3328	3.5240	3.8188	4.1821	4.5661	4.9094	5.1461	5.2301
	V	-0.2693	-0.2682	-0.2649	-0.2599	-0.2536	-0.2460	-0.2368	-0.2277	-0.2236
	W	0.0	0.3157	0.5874	0.7766	0.8552	0.8095	0.6382	0.3547	0.0000
0.200	A	2.9413	2.9230	2.8693	2.7837	2.6727	2.5470	2.4264	2.3384	2.3064
	RHO	5.5522	5.5057	5.3794	5.2106	5.0541	4.9672	4.9736	5.0290	5.0586
	P	2.8009	2.7429	2.5824	2.3544	2.1051	1.8790	1.7073	1.6034	1.5690
	U	3.2608	3.3294	3.5268	3.8288	4.1969	4.5800	4.9165	5.1459	5.2269
	V	-0.3965	-0.3949	-0.3903	-0.3832	-0.3741	-0.3624	-0.3477	-0.3334	-0.3271
	W	0.0	0.3407	0.6348	0.8415	0.9305	0.8846	0.6990	0.3881	0.0000
0.300	A	2.9397	2.9204	2.8638	2.7743	2.6601	2.5342	2.4174	2.3349	2.3053
	RHO	5.5370	5.4963	5.3855	5.2365	5.0959	5.0112	5.0006	5.0302	5.0474
	P	2.7901	2.7333	2.5753	2.3501	2.1026	1.8766	1.7040	1.5990	1.5641
	U	3.2533	3.3234	3.5247	3.8314	4.2025	4.5850	4.9177	5.1432	5.2226
	V	-0.5189	-0.5169	-0.5110	-0.5019	-0.4900	-0.4743	-0.4542	-0.4349	-0.4265
	W	0.0	0.3619	0.6748	0.8955	0.9918	0.9438	0.7451	0.4128	0.0000
0.400	A	2.9376	2.9174	2.8587	2.7664	2.6501	2.5244	2.4106	2.3319	2.3040
	RHO	5.5169	5.4813	5.3840	5.2517	5.1236	5.0395	5.0148	5.0248	5.0331
	P	2.7759	2.7203	2.5654	2.3436	2.0982	1.8726	1.6992	1.5932	1.5579
	U	3.2441	3.3153	3.5193	3.8292	4.2024	4.5847	4.9155	5.1387	5.2174
	V	-0.6370	-0.6344	-0.6273	-0.6162	-0.6015	-0.5818	-0.5566	-0.5326	-0.5224
	W	0.0	0.3805	0.7095	0.9420	1.0435	0.9924	0.7818	0.4320	0.0000
0.500	A	2.9350	2.9142	2.8537	2.7593	2.6415	2.5163	2.4049	2.3291	2.3024
	RHO	5.4923	5.4614	5.3765	5.2592	5.1423	5.0578	5.0207	5.0148	5.0159
	P	2.7587	2.7044	2.5529	2.3349	2.0921	1.8673	1.6932	1.5862	1.5505
	U	3.2335	3.3054	3.5114	3.8236	4.1985	4.5809	4.9107	5.1330	5.2112
	V	-0.7510	-0.7480	-0.7395	-0.7264	-0.7088	-0.6852	-0.6552	-0.6270	-0.6152
	W	0.0	0.3970	0.7403	0.9827	1.0881	1.0332	0.8120	0.4476	0.0000
0.600	A	2.9319	2.9106	2.8487	2.7527	2.6339	2.5091	2.3999	2.3263	2.3006
	RHO	5.4639	5.4374	5.3639	5.2605	5.1531	5.0685	5.0205	5.0011	4.9963
	P	2.7386	2.6859	2.5381	2.3242	2.0845	1.8606	1.6860	1.5781	1.5420
	U	3.2216	3.2941	3.5015	3.8154	4.1915	4.5745	4.9041	5.1261	5.2043
	V	-0.8612	-0.8577	-0.8478	-0.8326	-0.8122	-0.7849	-0.7505	-0.7186	-0.7052
	W	0.0	0.4119	0.7680	1.0190	1.1279	1.0682	0.8373	0.4605	0.0000
0.700	A	2.9285	2.9067	2.8436	2.7463	2.6268	2.5027	2.3953	2.3236	2.2986
	RHO	5.4318	5.4095	5.3469	5.2567	5.1583	5.0733	5.0154	4.9842	4.9744
	P	2.7162	2.6649	2.5210	2.3118	2.0754	1.8529	1.6778	1.5691	1.5326
	U	3.2086	3.2815	3.4900	3.8051	4.1824	4.5660	4.8960	5.1183	5.1966
	V	-0.9681	-0.9641	-0.9527	-0.9352	-0.9123	-0.8811	-0.8427	-0.8075	-0.7929
	W	0.0	0.4255	0.7930	1.0514	1.1615	1.0986	0.8589	0.4713	0.0000
0.800	A	2.9246	2.9025	2.8384	2.7401	2.6202	2.4967	2.3909	2.3207	2.2964
	RHO	5.3964	5.3781	5.3260	5.2483	5.1585	5.0733	5.0064	4.9647	4.9504
	P	2.6914	2.6418	2.5020	2.2977	2.0650	1.8440	1.6687	1.5591	1.5222
	U	3.1947	3.2678	3.4770	3.7931	4.1714	4.5559	4.8868	5.1097	5.1882
	V	-1.0719	-1.0673	-1.0543	-1.0345	-1.0083	-0.9741	-0.9321	-0.8940	-0.8783
	W	0.0	0.4379	0.8159	1.0808	1.1922	1.1252	0.8774	0.4805	0.0000
0.900	A	2.9204	2.8980	2.8331	2.7340	2.6139	2.4911	2.3867	2.3178	2.2940
	RHO	5.3579	5.3435	5.3014	5.2358	5.1544	5.0690	4.9939	4.9426	4.9243
	P	2.6646	2.6166	2.4812	2.2820	2.0534	1.8342	1.6587	1.5483	1.5110
	U	3.1798	3.2531	3.4628	3.7797	4.1589	4.5446	4.8766	5.1004	5.1792
	V	-1.1730	-1.1678	-1.1531	-1.1308	-1.1016	-1.0641	-1.0190	-0.9785	-0.9618
	W	0.0	0.4494	0.8368	1.1075	1.2198	1.1487	0.8935	0.4883	0.0000
1.000	A	2.9159	2.8932	2.8277	2.7279	2.6078	2.4858	2.3825	2.3148	2.2913
	RHO	5.3165	5.3057	5.2733	5.2195	5.1463	5.0609	4.9784	4.9182	4.8961
	P	2.6358	2.5895	2.4586	2.2648	2.0406	1.8234	1.6478	1.5366	1.4989
THS/THC		1.1996	1.1984	1.1946	1.1880	1.1782	1.1659	1.1530	1.1432	1.1395

M= 7.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)= 4.8990

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.9649	3.0072	3.1283	3.3139	3.5399	3.7741	3.9782	4.1138	4.1599
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2998	0.5634	0.7575	0.8501	0.8129	0.6304	0.3340	0.0000
0.0	A	3.0070	2.9956	2.9630	2.9135	2.8546	2.7962	2.7488	2.7191	2.7091
	RHO	5.6040	5.4988	5.2058	4.7859	4.3213	3.8966	3.5772	3.3881	3.3263
	P	2.9546	2.8772	2.6649	2.3689	2.0533	1.7765	1.5760	1.4606	1.4235
	U	2.9648	3.0291	3.2169	3.5149	3.9027	4.3654	4.8707	5.2739	5.4247
	V	-0.0358	-0.0356	-0.0350	-0.0341	-0.0333	-0.0321	-0.0313	-0.0295	-0.0287
	W	0.0	0.3193	0.5925	0.7769	0.8368	0.7490	0.5430	0.2855	0.0000
0.025	A	3.0069	2.9906	2.9426	2.8647	2.7588	2.6237	2.4495	2.2843	2.2169
	RHO	5.6038	5.5172	5.2794	4.9526	4.6291	4.4274	4.5053	4.8005	4.9672
	P	2.9544	2.8773	2.6655	2.3699	2.0543	1.7771	1.5762	1.4606	1.4234
	U	2.9646	3.0335	3.2346	3.5518	3.9605	4.4343	4.9203	5.2894	5.4246
	V	-0.0712	-0.0708	-0.0695	-0.0677	-0.0654	-0.0633	-0.0613	-0.0588	-0.0574
	W	0.0	0.3329	0.6177	0.8109	0.8772	0.7993	0.6033	0.3294	0.0000
0.050	A	3.0069	2.9893	2.9376	2.8536	2.7399	2.5970	2.4262	2.2761	2.2168
	RHO	5.6031	5.5216	5.2981	4.9930	4.6953	4.5206	4.5927	4.8349	4.9667
	P	2.9539	2.8770	2.6658	2.3707	2.0552	1.7777	1.5764	1.4605	1.4232
	U	2.9635	3.0379	3.2539	3.5920	4.0210	4.5014	4.9660	5.3031	5.4241
	V	-0.1410	-0.1402	-0.1379	-0.1344	-0.1302	-0.1261	-0.1215	-0.1159	-0.1130
	W	0.0	0.3550	0.6595	0.8685	0.9476	0.8826	0.6888	0.3850	0.0000
0.100	A	3.0066	2.9875	2.9310	2.8397	2.7172	2.5675	2.4022	2.2677	2.2166
	RHO	5.6005	5.5258	5.3217	5.0445	4.7777	4.6279	4.6854	4.8688	4.9646
	P	2.9519	2.8757	2.6658	2.3719	2.0568	1.7788	1.5766	1.4600	1.4223
	U	2.9595	3.0399	3.2723	3.6319	4.0794	4.5620	5.0045	5.3130	5.4221
	V	-0.2765	-0.2750	-0.2710	-0.2651	-0.2577	-0.2495	-0.2385	-0.2252	-0.2187
	W	0.0	0.3905	0.7270	0.9623	1.0613	1.0086	0.8037	0.4527	0.0000
0.200	A	3.0055	2.9843	2.9219	2.8217	2.6895	2.5344	2.3772	2.2590	2.2160
	RHO	5.5903	5.5258	5.3495	5.1102	4.8814	4.7528	4.7833	4.8990	4.9574
	P	2.9444	2.8696	2.6631	2.3724	2.0588	1.7801	1.5761	1.4578	1.4195
	U	2.9533	3.0371	3.2788	3.6502	4.1065	4.5887	5.0197	5.3152	5.4191
	V	-0.4065	-0.4045	-0.3990	-0.3910	-0.3809	-0.3686	-0.3505	-0.3292	-0.3192
	W	0.0	0.4197	0.7824	1.0385	1.1516	1.1025	0.8820	0.4957	0.0000
0.300	A	3.0038	2.9811	2.9147	2.8087	2.6708	2.5138	2.3624	2.2537	2.2150
	RHO	5.5742	5.5181	5.3639	5.1537	4.9509	4.8313	4.8380	4.9101	4.9468
	P	2.9326	2.8595	2.6570	2.3706	2.0592	1.7802	1.5744	1.4542	1.4152
	U	2.9450	3.0311	3.2789	3.6578	4.1195	4.6010	5.0254	5.3138	5.4151
	V	-0.5315	-0.5290	-0.5221	-0.5120	-0.4994	-0.4828	-0.4576	-0.4288	-0.4155
	W	0.0	0.4450	0.8303	1.1038	1.2271	1.1775	0.9412	0.5269	0.0000
0.400	A	3.0015	2.9777	2.9081	2.7978	2.6561	2.4985	2.3517	2.2496	2.2138
	RHO	5.5531	5.5043	5.3698	5.1848	5.0029	4.8878	4.8732	4.9121	4.9332
	P	2.9171	2.8458	2.6480	2.3665	2.0583	1.7792	1.5715	1.4495	1.4097
	U	2.9350	3.0227	3.2748	3.6588	4.1240	4.6052	5.0256	5.3102	5.4101
	V	-0.6517	-0.6487	-0.6404	-0.6283	-0.6131	-0.5923	-0.5603	-0.5245	-0.5083
	W	0.0	0.4676	0.8727	1.1610	1.2919	1.2396	0.9881	0.5509	0.0000
0.500	A	2.9987	2.9740	2.9018	2.7882	2.6438	2.4862	2.3433	2.2461	2.2124
	RHO	5.5275	5.4855	5.3692	5.2070	5.0432	4.9303	4.8964	4.9082	4.9171
	P	2.8982	2.8290	2.6363	2.3603	2.0554	1.7770	1.5677	1.4438	1.4033
	U	2.9234	3.0123	3.2674	3.6550	4.1227	4.6039	5.0224	5.3050	5.4043
	V	-0.7676	-0.7640	-0.7542	-0.7400	-0.7222	-0.6972	-0.6589	-0.6169	-0.5981
	W	0.0	0.4880	0.9109	1.2119	1.3483	1.2920	1.0264	0.5700	0.0000
0.600	A	2.9955	2.9700	2.8957	2.7794	2.6330	2.4759	2.3362	2.2429	2.2107
	RHO	5.4978	5.4622	5.3631	5.2222	5.0748	4.9629	4.9112	4.8998	4.8988
	P	2.8764	2.8094	2.6221	2.3522	2.0514	1.7739	1.5630	1.4372	1.3960
	U	2.9106	3.0003	3.2575	3.6476	4.1172	4.5989	5.0166	5.2986	5.3977
	V	-0.8795	-0.8754	-0.8639	-0.8475	-0.8269	-0.7978	-0.7537	-0.7062	-0.6852
	W	0.0	0.5066	0.9456	1.2577	1.3982	1.3371	1.0583	0.5856	0.0000
0.700	A	2.9918	2.9657	2.8896	2.7711	2.6234	2.4669	2.3301	2.2398	2.2089
	RHO	5.4644	5.4350	5.3522	5.2316	5.0993	4.9879	4.9197	4.8880	4.8784
	P	2.8520	2.7873	2.6057	2.3424	2.0462	1.7699	1.5575	1.4298	1.3879
	U	2.8965	2.9868	3.2455	3.6375	4.1085	4.5910	5.0090	5.2912	5.3904
	V	-0.9878	-0.9830	-0.9699	-0.9510	-0.9274	-0.8943	-0.8451	-0.7929	-0.7699
	W	0.0	0.5238	0.9774	1.2992	1.4425	1.3761	1.0853	0.5985	0.0000
0.800	A	2.9878	2.9610	2.8834	2.7632	2.6145	2.4589	2.3246	2.2368	2.2068
	RHO	5.4276	5.4042	5.3370	5.2359	5.1179	5.0066	4.9231	4.8732	4.8561
	P	2.8252	2.7628	2.5873	2.3310	2.0399	1.7650	1.5512	1.4217	1.3790
	U	2.8815	2.9721	3.2318	3.6251	4.0974	4.5809	4.9999	5.2829	5.3825
	V	-1.0928	-1.0873	-1.0723	-1.0508	-1.0240	-0.9871	-0.9333	-0.8771	-0.8526
	W	0.0	0.5397	1.0067	1.3371	1.4824	1.4104	1.1083	0.6093	0.0000
0.900	A	2.9834	2.9561	2.8772	2.7556	2.6063	2.4516	2.3196	2.2339	2.2046
	RHO	5.3877	5.3699	5.3178	5.2355	5.1314	5.0203	4.9225	4.8557	4.8318
	P	2.7961	2.7362	2.5669	2.3181	2.0325	1.7594	1.5443	1.4129	1.3694
	U	2.8656	2.9564	3.2167	3.6109	4.0844	4.5692	4.9896	5.2739	5.3740
	V	-1.1949	-1.1887	-1.1716	-1.1472	-1.1171	-1.0764	-1.0186	-0.9592	-0.9334
	W	0.0	0.5544	1.0338	1.3718	1.5184	1.4406	1.1280	0.6185	0.0000
1.000	A	2.9786	2.9509	2.8710	2.7482	2.5986	2.4450	2.3149	2.2309	2.2022
	RHO	5.3448	5.3325	5.2950	5.2309	5.1403	5.0296	4.9183	4.8359	4.8058
	P	2.7650	2.7076	2.5448	2.3037	2.0243	1.7531	1.5368	1.4033	1.3590
THS/THC		1.2130	1.2118	1.2078	1.2004	1.1888	1.1728	1.1551	1.1409	1.1356

M= 8.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0
	U	4.9989
	V	0.0000
	W	0.0
-0.000	A	2.9668
	RHO	5.5406
	P	2.1772
	U	4.9989
	V	-0.0348
	W	0.0
0.025	A	2.9668
	RHO	5.5404
	P	2.1771
	U	4.9987
	V	-0.0691
	W	0.0
0.050	A	2.9667
	RHO	5.5398
	P	2.1768
	U	4.9980
	V	-0.1369
	W	0.0
0.100	A	2.9665
	RHO	5.5376
	P	2.1756
	U	4.9953
	V	-0.2685
	W	0.0
0.200	A	2.9656
	RHO	5.5294
	P	2.1710
	U	4.9910
	V	-0.3954
	W	0.0
0.300	A	2.9642
	RHO	5.5165
	P	2.1639
	U	4.9852
	V	-0.5180
	W	0.0
0.400	A	2.9624
	RHO	5.4995
	P	2.1546
	U	4.9781
	V	-0.6366
	W	0.0
0.500	A	2.9602
	RHO	5.4788
	P	2.1433
	U	4.9697
	V	-0.7518
	W	0.0
0.600	A	2.9576
	RHO	5.4548
	P	2.1301
	U	4.9603
	V	-0.8636
	W	0.0
0.700	A	2.9546
	RHO	5.4276
	P	2.1153
	U	4.9499
	V	-0.9726
	W	0.0
0.800	A	2.9514
	RHO	5.3976
	P	2.0989
	U	4.9386
	V	-1.0788
	W	0.0
0.900	A	2.9478
	RHO	5.3648
	P	2.0811
	U	4.9264
	V	-1.1827
	W	0.0
1.000	A	2.9439
	RHO	5.3293
	P	2.0618

THS/THC 1.1553

M= 8.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.9431	4.9445	4.9485	4.9545	4.9616	4.9687	4.9747	4.9787	4.9801
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0100	0.0185	0.0241	0.0261	0.0241	0.0185	0.0100	0.0000
0.0	A	2.9855	2.9850	2.9837	2.9817	2.9793	2.9770	2.9750	2.9736	2.9732
	RHO	5.5506	5.5463	5.5339	5.5154	5.4936	5.4719	5.4536	5.4414	5.4371
	P	2.2086	2.2062	2.1993	2.1890	2.1769	2.1649	2.1548	2.1480	2.1456
	U	4.9431	4.9472	4.9591	4.9770	4.9982	5.0195	5.0377	5.0499	5.0542
	V	-0.0349	-0.0349	-0.0349	-0.0348	-0.0347	-0.0347	-0.0346	-0.0346	-0.0346
	W	0.0	0.0132	0.0243	0.0317	0.0343	0.0317	0.0242	0.0131	0.0000
0.025	A	2.9855	2.9841	2.9801	2.9741	2.9670	2.9598	2.9536	2.9495	2.9480
	RHO	5.5504	5.5495	5.5468	5.5431	5.5390	5.5353	5.5324	5.5307	5.5301
	P	2.2085	2.2061	2.1992	2.1889	2.1768	2.1648	2.1547	2.1479	2.1455
	U	4.9429	4.9471	4.9590	4.9769	4.9981	5.0194	5.0376	5.0498	5.0541
	V	-0.0694	-0.0694	-0.0694	-0.0693	-0.0691	-0.0690	-0.0689	-0.0689	-0.0688
	W	0.0	0.0145	0.0267	0.0349	0.0378	0.0349	0.0267	0.0145	0.0000
0.050	A	2.9854	2.9840	2.9800	2.9740	2.9669	2.9597	2.9535	2.9494	2.9479
	RHO	5.5499	5.5489	5.5464	5.5427	5.5385	5.5349	5.5319	5.5301	5.5295
	P	2.2082	2.2058	2.1989	2.1886	2.1765	2.1645	2.1544	2.1476	2.1452
	U	4.9422	4.9464	4.9583	4.9762	4.9975	5.0188	5.0369	5.0491	5.0533
	V	-0.1375	-0.1375	-0.1374	-0.1371	-0.1369	-0.1367	-0.1364	-0.1363	-0.1363
	W	0.0	0.0163	0.0300	0.0393	0.0425	0.0393	0.0301	0.0163	0.0000
0.100	A	2.9852	2.9838	2.9798	2.9738	2.9666	2.9594	2.9533	2.9492	2.9477
	RHO	5.5477	5.5468	5.5443	5.5406	5.5366	5.5329	5.5299	5.5280	5.5273
	P	2.2070	2.2046	2.1977	2.1874	2.1753	2.1633	2.1532	2.1464	2.1441
	U	4.9394	4.9436	4.9556	4.9736	4.9949	5.0162	5.0343	5.0464	5.0507
	V	-0.2698	-0.2697	-0.2695	-0.2690	-0.2685	-0.2680	-0.2676	-0.2673	-0.2672
	W	0.0	0.0187	0.0346	0.0452	0.0490	0.0453	0.0347	0.0188	0.0000
0.200	A	2.9843	2.9829	2.9789	2.9728	2.9657	2.9585	2.9524	2.9483	2.9468
	RHO	5.5394	5.5385	5.5361	5.5326	5.5285	5.5248	5.5218	5.5198	5.5192
	P	2.2024	2.2000	2.1931	2.1828	2.1708	2.1588	2.1487	2.1420	2.1396
	U	4.9350	4.9392	4.9513	4.9693	4.9906	5.0119	5.0301	5.0422	5.0464
	V	-0.3974	-0.3973	-0.3968	-0.3962	-0.3954	-0.3946	-0.3940	-0.3935	-0.3933
	W	0.0	0.0204	0.0378	0.0494	0.0536	0.0496	0.0380	0.0206	0.0000
0.300	A	2.9829	2.9815	2.9774	2.9714	2.9643	2.9571	2.9510	2.9469	2.9455
	RHO	5.5264	5.5256	5.5232	5.5198	5.5159	5.5121	5.5090	5.5070	5.5064
	P	2.1952	2.1928	2.1859	2.1757	2.1637	2.1518	2.1417	2.1350	2.1327
	U	4.9291	4.9334	4.9454	4.9635	4.9848	5.0062	5.0243	5.0365	5.0407
	V	-0.5207	-0.5205	-0.5199	-0.5190	-0.5180	-0.5170	-0.5161	-0.5154	-0.5152
	W	0.0	0.0218	0.0404	0.0528	0.0572	0.0529	0.0406	0.0220	0.0000
0.400	A	2.9810	2.9796	2.9756	2.9696	2.9624	2.9553	2.9492	2.9451	2.9437
	RHO	5.5093	5.5085	5.5062	5.5028	5.4990	5.4953	5.4922	5.4902	5.4895
	P	2.1856	2.1833	2.1765	2.1663	2.1544	2.1426	2.1325	2.1259	2.1235
	U	4.9219	4.9262	4.9383	4.9564	4.9777	4.9991	5.0173	5.0294	5.0337
	V	-0.6401	-0.6398	-0.6391	-0.6380	-0.6367	-0.6354	-0.6343	-0.6335	-0.6332
	W	0.0	0.0230	0.0425	0.0556	0.0602	0.0557	0.0427	0.0231	0.0000
0.500	A	2.9788	2.9774	2.9733	2.9673	2.9602	2.9530	2.9469	2.9429	2.9415
	RHO	5.4884	5.4876	5.4854	5.4822	5.4784	5.4747	5.4717	5.4697	5.4690
	P	2.1741	2.1717	2.1650	2.1549	2.1431	2.1313	2.1214	2.1147	2.1124
	U	4.9135	4.9177	4.9298	4.9480	4.9694	4.9909	5.0091	5.0212	5.0255
	V	-0.7558	-0.7555	-0.7546	-0.7534	-0.7518	-0.7503	-0.7489	-0.7480	-0.7477
	W	0.0	0.0239	0.0443	0.0579	0.0628	0.0581	0.0445	0.0241	0.0000
0.600	A	2.9761	2.9747	2.9707	2.9647	2.9576	2.9504	2.9444	2.9403	2.9389
	RHO	5.4642	5.4634	5.4613	5.4581	5.4544	5.4508	5.4478	5.4458	5.4451
	P	2.1606	2.1583	2.1516	2.1416	2.1299	2.1183	2.1084	2.1018	2.0995
	U	4.9039	4.9082	4.9203	4.9385	4.9600	4.9815	4.9997	5.0119	5.0162
	V	-0.8683	-0.8680	-0.8670	-0.8655	-0.8637	-0.8619	-0.8603	-0.8593	-0.8589
	W	0.0	0.0248	0.0458	0.0599	0.0650	0.0601	0.0460	0.0249	0.0000
0.700	A	2.9731	2.9717	2.9677	2.9617	2.9546	2.9475	2.9414	2.9374	2.9360
	RHO	5.4368	5.4361	5.4340	5.4309	5.4274	5.4238	5.4209	5.4189	5.4182
	P	2.1455	2.1432	2.1366	2.1267	2.1151	2.1036	2.0938	2.0873	2.0850
	U	4.8933	4.8976	4.9098	4.9280	4.9496	4.9711	4.9894	5.0016	5.0059
	V	-0.9779	-0.9775	-0.9763	-0.9747	-0.9727	-0.9706	-0.9689	-0.9677	-0.9673
	W	0.0	0.0255	0.0472	0.0617	0.0669	0.0619	0.0474	0.0257	0.0000
0.800	A	2.9698	2.9684	2.9644	2.9584	2.9513	2.9442	2.9382	2.9342	2.9327
	RHO	5.4065	5.4058	5.4038	5.4009	5.3974	5.3940	5.3911	5.3891	5.3885
	P	2.1287	2.1265	2.1199	2.1102	2.0988	2.0874	2.0777	2.0713	2.0690
	U	4.8819	4.8862	4.8984	4.9167	4.9383	4.9599	4.9782	4.9905	4.9948
	V	-1.0847	-1.0843	-1.0830	-1.0812	-1.0789	-1.0767	-1.0747	-1.0734	-1.0730
	W	0.0	0.0262	0.0484	0.0633	0.0686	0.0635	0.0486	0.0263	0.0000
0.900	A	2.9662	2.9648	2.9608	2.9548	2.9477	2.9406	2.9346	2.9306	2.9292
	RHO	5.3734	5.3727	5.3708	5.3680	5.3647	5.3614	5.3585	5.3566	5.3560
	P	2.1105	2.1083	2.1018	2.0922	2.0813	2.0697	2.0602	2.0538	2.0516
	U	4.8696	4.8739	4.8861	4.9045	4.9261	4.9478	4.9662	4.9785	4.9828
	V	-1.1892	-1.1887	-1.1873	-1.1853	-1.1828	-1.1803	-1.1782	-1.1768	-1.1763
	W	0.0	0.0268	0.0495	0.0648	0.0702	0.0649	0.0497	0.0269	0.0000
1.000	A	2.9622	2.9608	2.9568	2.9508	2.9438	2.9367	2.9307	2.9267	2.9253
	RHO	5.3376	5.3369	5.3352	5.3325	5.3293	5.3261	5.3233	5.3215	5.3208
	P	2.0909	2.0886	2.0823	2.0729	2.0617	2.0506	2.0412	2.0350	2.0328
THS/THC		1.1568	1.1567	1.1564	1.1559	1.1554	1.1548	1.1543	1.1540	1.1539

M= 8.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.7143	4.7218	4.7431	4.7750	4.8127	4.8504	4.8824	4.9037	4.9113
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0531	0.0982	0.1285	0.1393	0.1287	0.0985	0.0533	0.0000
0.0	A	3.0586	3.0562	3.0494	3.0392	3.0272	3.0152	3.0051	2.9983	2.9960
	RHO	5.5888	5.5669	5.5051	5.4136	5.3075	5.2033	5.1167	5.0596	5.0397
	P	2.3341	2.3213	2.2853	2.2323	2.1713	2.1119	2.0628	2.0306	2.0195
	U	4.7142	4.7338	4.7900	4.8760	4.9804	5.0883	5.1827	5.2473	5.2703
	V	-0.0355	-0.0355	-0.0353	-0.0351	-0.0348	-0.0345	-0.0342	-0.0340	-0.0340
	W	0.0	0.0665	0.1227	0.1597	0.1720	0.1580	0.1204	0.0649	0.0000
0.025	A	3.0586	3.0524	3.0345	3.0066	2.9720	2.9354	2.9026	2.8796	2.8713
	RHO	5.5886	5.5806	5.5591	5.5313	5.5060	5.4898	5.4843	5.4852	5.4865
	P	2.3340	2.3212	2.2852	2.2322	2.1712	2.1118	2.0627	2.0305	2.0194
	U	4.7141	4.7339	4.7910	4.8779	4.9828	5.0904	5.1839	5.2475	5.2701
	V	-0.0707	-0.0706	-0.0703	-0.0698	-0.0692	-0.0686	-0.0681	-0.0677	-0.0676
	W	0.0	0.0725	0.1339	0.1748	0.1891	0.1745	0.1335	0.0722	0.0000
0.050	A	3.0585	3.0522	3.0339	3.0057	2.9709	2.9344	2.9019	2.8794	2.8713
	RHO	5.5880	5.5805	5.5604	5.5341	5.5096	5.4931	5.4861	5.4854	5.4859
	P	2.3336	2.3209	2.2849	2.2319	2.1709	2.1115	2.0624	2.0303	2.0191
	U	4.7133	4.7335	4.7915	4.8793	4.9847	5.0921	5.1846	5.2473	5.2694
	V	-0.1401	-0.1399	-0.1393	-0.1383	-0.1371	-0.1359	-0.1348	-0.1340	-0.1337
	W	0.0	0.0809	0.1496	0.1959	0.2126	0.1971	0.1513	0.0821	0.0000
0.100	A	3.0583	3.0518	3.0331	3.0045	2.9695	2.9330	2.9010	2.8789	2.8711
	RHO	5.5858	5.5789	5.5602	5.5356	5.5121	5.4952	5.4866	5.4841	5.4838
	P	2.3323	2.3196	2.2837	2.2308	2.1698	2.1104	2.0613	2.0292	2.0180
	U	4.7104	4.7309	4.7898	4.8786	4.9845	5.0916	5.1833	5.2451	5.2669
	V	-0.2752	-0.2748	-0.2735	-0.2715	-0.2691	-0.2665	-0.2641	-0.2624	-0.2618
	W	0.0	0.0925	0.1714	0.2249	0.2448	0.2275	0.1751	0.0951	0.0000
0.200	A	3.0573	3.0507	3.0316	3.0025	2.9672	2.9310	2.8994	2.8779	2.8702
	RHO	5.5773	5.5711	5.5544	5.5318	5.5095	5.4921	5.4817	5.4770	5.4758
	P	2.3274	2.3147	2.2789	2.2263	2.1655	2.1063	2.0572	2.0250	2.0139
	U	4.7057	4.7265	4.7859	4.8752	4.9814	5.0884	5.1799	5.2413	5.2629
	V	-0.4056	-0.4049	-0.4030	-0.4000	-0.3963	-0.3923	-0.3887	-0.3861	-0.3852
	W	0.0	0.1010	0.1872	0.2458	0.2677	0.2490	0.1917	0.1042	0.0000
0.300	A	3.0559	3.0491	3.0298	3.0004	2.9650	2.9289	2.8976	2.8764	2.8689
	RHO	5.5640	5.5583	5.5429	5.5219	5.5004	5.4828	5.4711	5.4651	5.4633
	P	2.3196	2.3070	2.2715	2.2192	2.1588	2.0997	2.0508	2.0186	2.0075
	U	4.6995	4.7204	4.7801	4.8699	4.9763	5.0835	5.1747	5.2360	5.2575
	V	-0.5316	-0.5307	-0.5281	-0.5242	-0.5192	-0.5138	-0.5089	-0.5055	-0.5042
	W	0.0	0.1078	0.1998	0.2624	0.2858	0.2658	0.2046	0.1112	0.0000
0.400	A	3.0539	3.0471	3.0276	2.9980	2.9626	2.9266	2.8956	2.8746	2.8672
	RHO	5.5463	5.5411	5.5269	5.5071	5.4864	5.4687	5.4562	5.4492	5.4470
	P	2.3093	2.2968	2.2617	2.2098	2.1497	2.0910	2.0422	2.0102	1.9991
	U	4.6918	4.7128	4.7728	4.8629	4.9697	5.0769	5.1682	5.2294	5.2509
	V	-0.6535	-0.6525	-0.6493	-0.6443	-0.6381	-0.6314	-0.6253	-0.6210	-0.6195
	W	0.0	0.1135	0.2104	0.2762	0.3008	0.2797	0.2153	0.1169	0.0000
0.500	A	3.0516	3.0447	3.0250	2.9953	2.9599	2.9240	2.8932	2.8724	2.8651
	RHO	5.5247	5.5200	5.5068	5.4882	5.4683	5.4506	5.4375	5.4297	5.4272
	P	2.2967	2.2844	2.2496	2.1983	2.1387	2.0804	2.0319	2.0000	1.9889
	U	4.6828	4.7040	4.7642	4.8546	4.9616	5.0690	5.1604	5.2216	5.2431
	V	-0.7718	-0.7705	-0.7668	-0.7608	-0.7534	-0.7455	-0.7382	-0.7331	-0.7319
	W	0.0	0.1184	0.2194	0.2880	0.3136	0.2914	0.2242	0.1218	0.0000
0.600	A	3.0488	3.0419	3.0221	2.9924	2.9569	2.9211	2.8905	2.8699	2.8627
	RHO	5.4996	5.4953	5.4831	5.4657	5.4466	5.4290	5.4154	5.4070	5.4042
	P	2.2821	2.2700	2.2357	2.1849	2.1259	2.0681	2.0199	1.9881	1.9771
	U	4.6727	4.6939	4.7544	4.8450	4.9523	5.0600	5.1515	5.2128	5.2344
	V	-0.8868	-0.8853	-0.8809	-0.8740	-0.8655	-0.8563	-0.8479	-0.8420	-0.8399
	W	0.0	0.1227	0.2273	0.2983	0.3245	0.3016	0.2319	0.1259	0.0000
0.700	A	3.0456	3.0387	3.0189	2.9891	2.9537	2.9180	2.8875	2.8671	2.8599
	RHO	5.4713	5.4673	5.4561	5.4398	5.4215	5.4041	5.3902	5.3813	5.3783
	P	2.2657	2.2537	2.2199	2.1698	2.1115	2.0542	2.0064	1.9748	1.9638
	U	4.6616	4.6828	4.7434	4.8344	4.9419	5.0498	5.1416	5.2030	5.2246
	V	-0.9987	-0.9970	-0.9920	-0.9842	-0.9745	-0.9641	-0.9547	-0.9481	-0.9457
	W	0.0	0.1265	0.2343	0.3074	0.3343	0.3104	0.2386	0.1295	0.0000
0.800	A	3.0421	3.0352	3.0153	2.9855	2.9501	2.9145	2.8843	2.8640	2.8569
	RHO	5.4399	5.4362	5.4260	5.4109	5.3934	5.3763	5.3621	5.3528	5.3496
	P	2.2475	2.2357	2.2024	2.1530	2.0955	2.0388	1.9914	1.9601	1.9492
	U	4.6494	4.6707	4.7315	4.8227	4.9306	5.0388	5.1308	5.1924	5.2141
	V	-1.1078	-1.1059	-1.1003	-1.0916	-1.0808	-1.0693	-1.0589	-1.0516	-1.0490
	W	0.0	0.1299	0.2406	0.3155	0.3430	0.3183	0.2445	0.1327	0.0000
0.900	A	3.0383	3.0313	3.0114	2.9816	2.9463	2.9109	2.8807	2.8606	2.8535
	RHO	5.4056	5.4023	5.3930	5.3790	5.3623	5.3456	5.3313	5.3217	5.3183
	P	2.2277	2.2161	2.1834	2.1348	2.0781	2.0221	1.9751	1.9441	1.9333
	U	4.6364	4.6578	4.7188	4.8102	4.9184	5.0269	5.1192	5.1810	5.2027
	V	-1.2144	-1.2123	-1.2061	-1.1966	-1.1847	-1.1721	-1.1608	-1.1529	-1.1500
	W	0.0	0.1329	0.2462	0.3227	0.3507	0.3253	0.2498	0.1355	0.0000
1.000	A	3.0341	3.0271	3.0073	2.9774	2.9422	2.9069	2.8769	2.8569	2.8499
	RHO	5.3685	5.3656	5.3572	5.3443	5.3285	5.3122	5.2979	5.2881	5.2846
	P	2.2063	2.1950	2.1629	2.1151	2.0593	2.0040	1.9576	1.9268	1.9161
THS/THC		1.1629	1.1624	1.1610	1.1589	1.1562	1.1534	1.1509	1.1491	1.1485

M= 8.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.4159	4.4319	4.4775	4.5462	4.6277	4.7095	4.7790	4.8253	4.8415
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1135	0.2107	0.2771	0.3017	0.2796	0.2139	0.1154	0.0000
0.0	A	3.1464	3.1415	3.1275	3.1066	3.0820	3.0575	3.0369	3.0233	3.0186
	RHO	5.6323	5.5885	5.4652	5.2849	5.0788	4.8802	4.7183	4.6136	4.5775
	P	2.4892	2.4622	2.3865	2.2770	2.1535	2.0367	1.9427	1.8826	1.8620
	U	4.4159	4.4520	4.5569	4.7201	4.9239	5.1419	5.3395	5.4785	5.5286
	V	-0.0364	-0.0363	-0.0360	-0.0355	-0.0350	-0.0344	-0.0338	-0.0333	-0.0332
	W	0.0	0.1352	0.2489	0.3233	0.3466	0.3165	0.2395	0.1286	0.0000
0.025	A	3.1464	3.1356	3.1039	3.0534	2.9878	2.9141	2.8436	2.7917	2.7725
	RHO	5.6321	5.6093	5.5486	5.4709	5.4041	5.3724	5.3815	5.4106	5.4259
	P	2.4891	2.4621	2.3865	2.2770	2.1536	2.0367	1.9427	1.8825	1.8619
	U	4.4157	4.4530	4.5611	4.7282	4.9343	5.1516	5.3455	5.4802	5.5285
	V	-0.0724	-0.0722	-0.0716	-0.0707	-0.0695	-0.0684	-0.0673	-0.0664	-0.0661
	W	0.0	0.1456	0.2690	0.3509	0.3791	0.3495	0.2672	0.1447	0.0000
0.050	A	3.1463	3.1351	3.1022	3.0501	2.9834	2.9098	2.8408	2.7908	2.7724
	RHO	5.6315	5.6104	5.5542	5.4820	5.4195	5.3879	5.3918	5.4136	5.4254
	P	2.4887	2.4618	2.3862	2.2768	2.1535	2.0365	1.9425	1.8823	1.8617
	U	4.4148	4.4535	4.5649	4.7358	4.9442	5.1606	5.3508	5.4814	5.5278
	V	-0.1435	-0.1430	-0.1419	-0.1401	-0.1379	-0.1354	-0.1331	-0.1313	-0.1306
	W	0.0	0.1608	0.2978	0.3905	0.4248	0.3949	0.3044	0.1658	0.0000
0.100	A	3.1461	3.1343	3.1001	3.0463	2.9785	2.9050	2.8375	2.7896	2.7722
	RHO	5.6292	5.6101	5.5592	5.4936	5.4356	5.4037	5.4017	5.4153	5.4233
	P	2.4873	2.4604	2.3851	2.2759	2.1527	2.0358	1.9416	1.8813	1.8607
	U	4.4116	4.4516	4.5665	4.7411	4.9516	5.1671	5.3539	5.4806	5.5255
	V	-0.2820	-0.2812	-0.2790	-0.2754	-0.2709	-0.2657	-0.2606	-0.2567	-0.2552
	W	0.0	0.1827	0.3390	0.4463	0.4881	0.4564	0.3536	0.1931	0.0000
0.200	A	3.1451	3.1327	3.0969	3.0413	2.9722	2.8990	2.8335	2.7878	2.7714
	RHO	5.6204	5.6039	5.5597	5.5021	5.4495	5.4168	5.4074	5.4178	5.4155
	P	2.4819	2.4552	2.3805	2.2719	2.1492	2.0324	1.9381	1.8777	1.8569
	U	4.4066	4.4473	4.5640	4.7407	4.9523	5.1675	5.3526	5.4776	5.5217
	V	-0.4158	-0.4146	-0.4113	-0.4060	-0.3991	-0.3912	-0.3833	-0.3772	-0.3749
	W	0.0	0.1989	0.3696	0.4872	0.5336	0.4998	0.3875	0.2117	0.0000
0.300	A	3.1435	3.1308	3.0940	3.0372	2.9675	2.8946	2.8303	2.7860	2.7702
	RHO	5.6066	5.5920	5.5526	5.5007	5.4517	5.4183	5.4040	5.4024	5.4035
	P	2.4733	2.4470	2.3730	2.2653	2.1432	2.0268	1.9325	1.8720	1.8512
	U	4.3998	4.4411	4.5590	4.7370	4.9494	5.1645	5.3489	5.4730	5.5167
	V	-0.5451	-0.5436	-0.5391	-0.5321	-0.5229	-0.5122	-0.5016	-0.4935	-0.4904
	W	0.0	0.2122	0.3944	0.5201	0.5699	0.5337	0.4137	0.2260	0.0000
0.400	A	3.1415	3.1285	3.0909	3.0334	2.9633	2.8907	2.8272	2.7839	2.7686
	RHO	5.5882	5.5752	5.5400	5.4928	5.4469	5.4129	5.3948	5.3887	5.3878
	P	2.4620	2.4360	2.3629	2.2563	2.1352	2.0192	1.9251	1.8645	1.8436
	U	4.3916	4.4331	4.5519	4.7310	4.9441	5.1593	5.3434	5.4670	5.5106
	V	-0.6702	-0.6684	-0.6629	-0.6541	-0.6425	-0.6293	-0.6160	-0.6059	-0.6021
	W	0.0	0.2333	0.4154	0.5477	0.6000	0.5616	0.4350	0.2374	0.0000
0.500	A	3.1389	3.1257	3.0877	3.0295	2.9592	2.8869	2.8242	2.7817	2.7666
	RHO	5.5657	5.5542	5.5228	5.4798	5.4365	5.4022	5.3811	5.3714	5.3688
	P	2.4482	2.4226	2.3505	2.2453	2.1252	2.0099	1.9160	1.8554	1.8346
	U	4.3819	4.4237	4.5432	4.7230	4.9368	5.1524	5.3363	5.4599	5.5033
	V	-0.7916	-0.7893	-0.7828	-0.7723	-0.7585	-0.7426	-0.7269	-0.7149	-0.7104
	W	0.0	0.2333	0.4336	0.5715	0.6257	0.5852	0.4529	0.2470	0.0000
0.600	A	3.1360	3.1226	3.0841	3.0255	2.9550	2.8830	2.8210	2.7791	2.7644
	RHO	5.5396	5.5294	5.5014	5.4625	5.4215	5.3872	5.3636	5.3508	5.3469
	P	2.4321	2.4069	2.3361	2.2323	2.1135	1.9990	1.9055	1.8450	1.8241
	U	4.3711	4.4131	4.5331	4.7136	4.9283	5.1439	5.3281	5.4517	5.4951
	V	-0.9094	-0.9068	-0.8991	-0.8870	-0.8713	-0.8526	-0.8346	-0.8208	-0.8157
	W	0.0	0.2420	0.4496	0.5924	0.6483	0.6055	0.4681	0.2551	0.0000
0.700	A	3.1326	3.1191	3.0803	3.0214	2.9508	2.8791	2.8177	2.7763	2.7618
	RHO	5.5100	5.5011	5.4764	5.4412	5.4028	5.3684	5.3426	5.3273	5.3222
	P	2.4139	2.3893	2.3197	2.2175	2.1002	1.9866	1.8936	1.8332	1.8123
	U	4.3591	4.4012	4.5217	4.7028	4.9177	5.1342	5.3187	5.4425	5.4861
	V	-1.0240	-1.0210	-1.0123	-0.9984	-0.9803	-0.9596	-0.9393	-0.9240	-0.9182
	W	0.0	0.2498	0.4639	0.6108	0.6677	0.6232	0.4813	0.2621	0.0000
0.800	A	3.1289	3.1153	3.0762	3.0171	2.9465	2.8751	2.8142	2.7733	2.7590
	RHO	5.4772	5.4696	5.4480	5.4165	5.3805	5.3462	5.3187	5.3011	5.2950
	P	2.3938	2.3697	2.3015	2.2011	2.0854	1.9729	1.8804	1.8202	1.7994
	U	4.3461	4.3884	4.5092	4.6908	4.9063	5.1234	5.3084	5.4325	5.4762
	V	-1.1357	-1.1323	-1.1225	-1.1070	-1.0868	-1.0638	-1.0415	-1.0247	-1.0184
	W	0.0	0.2568	0.4767	0.6273	0.6851	0.6388	0.4929	0.2682	0.0000
0.900	A	3.1248	3.1111	3.0718	3.0126	2.9420	2.8709	2.8105	2.7701	2.7559
	RHO	5.4415	5.4350	5.4165	5.3885	5.3550	5.3210	5.2919	5.2723	5.2653
	P	2.3720	2.3484	2.2817	2.1832	2.0692	1.9579	1.8660	1.8060	1.7853
	U	4.3322	4.3746	4.4957	4.6778	4.8939	5.1116	5.2972	5.4217	5.4655
	V	-1.2448	-1.2411	-1.2301	-1.2129	-1.1906	-1.1655	-1.1412	-1.1231	-1.1163
	W	0.0	0.2632	0.4883	0.6422	0.7007	0.6527	0.5031	0.2735	0.0000
1.000	A	3.1203	3.1066	3.0672	3.0078	2.9374	2.8666	2.8066	2.7665	2.7525
	RHO	5.4028	5.3975	5.3820	5.3574	5.3264	5.2928	5.2624	5.2410	5.2333
	P	2.3484	2.3254	2.2603	2.1638	2.0516	1.9417	1.8505	1.7908	1.7701
THS/THC		1.1714	1.1706	1.1681	1.1641	1.1588	1.1530	1.1476	1.1438	1.1424

M= 8.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.1030	4.1285	4.2013	4.3116	4.4433	4.5767	4.6901	4.7656	4.7919
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1809	0.3372	0.4464	0.4898	0.4565	0.3493	0.1877	0.0000
0.0	A	3.2300	3.2225	3.2011	3.1689	3.1310	3.0934	3.0620	3.0415	3.0344
	RHO	5.6717	5.6061	5.4222	5.1552	4.8541	4.5694	4.3425	4.1989	4.1500
	P	2.6417	2.5990	2.4804	2.3112	2.1244	1.9520	1.8177	1.7341	1.7058
	U	4.1029	4.1532	4.2999	4.5311	4.8267	5.1553	5.4661	5.6915	5.7740
	V	-0.0373	-0.0371	-0.0367	-0.0361	-0.0353	-0.0344	-0.0335	-0.0327	-0.0324
	W	0.0	0.2063	0.3802	0.4935	0.5274	0.4778	0.3585	0.1916	0.0000
0.025	A	3.2300	3.2158	3.1738	3.1056	3.0141	2.9051	2.7926	2.7043	2.6706
	RHO	5.6715	5.6294	5.5162	5.3682	5.2383	5.1814	5.2211	5.3110	5.3574
	P	2.6415	2.5989	2.4805	2.3113	2.1246	1.9522	1.8177	1.7340	1.7058
	U	4.1027	4.1555	4.3089	4.5487	4.8506	5.1788	5.4813	5.6961	5.7738
	V	-0.0741	-0.0738	-0.0730	-0.0717	-0.0701	-0.0684	-0.0667	-0.0652	-0.0646
	W	0.0	0.2199	0.4063	0.5301	0.5717	0.5256	0.4014	0.2177	0.0000
0.050	A	3.2299	3.2149	3.1705	3.0991	3.0047	2.8949	2.7853	2.7019	2.6705
	RHO	5.6709	5.6319	5.5270	5.3906	5.2715	5.2180	5.2480	5.3199	5.3569
	P	2.6411	2.5986	2.4803	2.3113	2.1246	1.9522	1.8176	1.7338	1.7055
	U	4.1018	4.1572	4.3178	4.5662	4.8742	5.2013	5.4953	5.7000	5.7732
	V	-0.1470	-0.1464	-0.1448	-0.1423	-0.1391	-0.1356	-0.1319	-0.1288	-0.1275
	W	0.0	0.2403	0.4453	0.5844	0.6363	0.5929	0.4592	0.2515	0.0000
0.100	A	3.2297	3.2136	3.1666	3.0915	2.9943	2.8837	2.7775	2.6993	2.6703
	RHO	5.6685	5.6333	5.5388	5.4160	5.3086	5.2576	5.2758	5.3278	5.3548
	P	2.6396	2.5972	2.4794	2.3109	2.1244	1.9518	1.8170	1.7330	1.7046
	U	4.0983	4.1566	4.3244	4.5815	4.8948	5.2204	5.5062	5.7017	5.7711
	V	-0.2890	-0.2879	-0.2848	-0.2800	-0.2738	-0.2663	-0.2582	-0.2514	-0.2486
	W	0.0	0.2706	0.5030	0.6636	0.7284	0.6853	0.5351	0.2945	0.0000
0.200	A	3.2286	3.2114	3.1612	3.0819	2.9811	2.8708	2.7687	2.6959	2.6696
	RHO	5.6594	5.6292	5.5482	5.4426	5.3486	5.2988	5.3017	5.3312	5.3472
	P	2.6336	2.5918	2.4751	2.3078	2.1221	1.9496	1.8144	1.7298	1.7012
	U	4.0928	4.1527	4.3245	4.5861	4.9022	5.2269	5.5088	5.7000	5.7676
	V	-0.4261	-0.4246	-0.4201	-0.4130	-0.4037	-0.3922	-0.3796	-0.3689	-0.3647
	W	0.0	0.2939	0.5469	0.7231	0.7960	0.7508	0.5871	0.3231	0.0000
0.300	A	3.2270	3.2090	3.1567	3.0749	2.9723	2.8622	2.7628	2.6933	2.6684
	RHO	5.6450	5.6187	5.5478	5.4545	5.3693	5.3192	5.3114	5.3264	5.3357
	P	2.6243	2.5830	2.4679	2.3022	2.1176	1.9454	1.8099	1.7249	1.6961
	U	4.0855	4.1464	4.3208	4.5854	4.9033	5.2276	5.5074	5.6963	5.7629
	V	-0.5586	-0.5566	-0.5508	-0.5415	-0.5293	-0.5136	-0.4965	-0.4821	-0.4764
	W	0.0	0.3133	0.5832	0.7718	0.8503	0.8023	0.6270	0.3446	0.0000
0.400	A	3.2248	3.2062	3.1523	3.0687	2.9650	2.8553	2.7579	2.6908	2.6669
	RHO	5.6259	5.6029	5.5405	5.4575	5.3794	5.3288	5.3124	5.3164	5.3207
	P	2.6118	2.5713	2.4580	2.2944	2.1112	1.9395	1.8038	1.7184	1.6894
	U	4.0766	4.1381	4.3144	4.5811	4.9004	5.2247	5.5033	5.6910	5.7571
	V	-0.6868	-0.6843	-0.6771	-0.6656	-0.6503	-0.6307	-0.6094	-0.5915	-0.5845
	W	0.0	0.3300	0.6144	0.8132	0.8957	0.8446	0.6592	0.3618	0.0000
0.500	A	3.2221	3.2031	3.1480	3.0630	2.9586	2.8493	2.7535	2.6882	2.6651
	RHO	5.6025	5.5825	5.5279	5.4541	5.3821	5.3310	5.3073	5.3023	5.3026
	P	2.5967	2.5569	2.4456	2.2843	2.1030	1.9321	1.7963	1.7105	1.6814
	U	4.0661	4.1282	4.3059	4.5741	4.8945	5.2191	5.4974	5.6845	5.7504
	V	-0.8109	-0.8080	-0.7993	-0.7856	-0.7670	-0.7439	-0.7186	-0.6975	-0.6892
	W	0.0	0.3447	0.6417	0.8491	0.9347	0.8803	0.6859	0.3759	0.0000
0.600	A	3.2190	3.1996	3.1435	3.0574	2.9524	2.8437	2.7493	2.6855	2.6630
	RHO	5.5753	5.5581	5.5107	5.4454	5.3790	5.3273	5.2974	5.2848	5.2818
	P	2.5790	2.5401	2.4310	2.2724	2.0931	1.9232	1.7875	1.7014	1.6721
	U	4.0544	4.1169	4.2955	4.5650	4.8863	5.2115	5.4898	5.6769	5.7427
	V	-0.9314	-0.9279	-0.9179	-0.9019	-0.8803	-0.8536	-0.8245	-0.8005	-0.7911
	W	0.0	0.3578	0.6661	0.8808	0.9687	0.9113	0.7086	0.3877	0.0000
0.700	A	3.2154	3.1957	3.1389	3.0519	2.9465	2.8384	2.7452	2.6826	2.6606
	RHO	5.5445	5.5299	5.4894	5.4320	5.3709	5.3190	5.2835	5.2643	5.2584
	P	2.5591	2.5211	2.4145	2.2587	2.0817	1.9130	1.7775	1.6912	1.6618
	U	4.0415	4.1043	4.2837	4.5542	4.8764	5.2022	5.4810	5.6683	5.7343
	V	-1.0485	-1.0445	-1.0330	-1.0147	-0.9901	-0.9599	-0.9274	-0.9007	-0.8903
	W	0.0	0.3697	0.6879	0.9091	0.9987	0.9378	0.7281	0.3979	0.0000
0.800	A	3.2114	3.1915	3.1340	3.0464	2.9408	2.8332	2.7411	2.6796	2.6580
	RHO	5.5104	5.4983	5.4643	5.4146	5.3586	5.3065	5.2661	5.2411	5.2327
	P	2.5371	2.5001	2.3960	2.2434	2.0689	1.9016	1.7664	1.6800	1.6504
	U	4.0276	4.0905	4.2705	4.5418	4.8649	5.1916	5.4711	5.6589	5.7250
	V	-1.1626	-1.1581	-1.1450	-1.1243	-1.0968	-1.0633	-1.0275	-0.9985	-0.9871
	W	0.0	0.3805	0.7077	0.9345	1.0255	0.9613	0.7451	0.4066	0.0000
0.900	A	3.2071	3.1869	3.1289	3.0409	2.9352	2.8282	2.7370	2.6764	2.6552
	RHO	5.4731	5.4635	5.4358	5.3935	5.3425	5.2904	5.2450	5.2154	5.2047
	P	2.5131	2.4772	2.3758	2.2265	2.0548	1.8891	1.7543	1.6677	1.6381
	U	4.0127	4.0758	4.2563	4.5282	4.8522	5.1798	5.4602	5.6487	5.7150
	V	-1.2739	-1.2698	-1.2541	-1.2310	-1.2005	-1.1639	-1.1252	-1.0940	-1.0818
	W	0.0	0.3904	0.7258	0.9576	1.0494	0.9822	0.7600	0.4142	0.0000
1.000	A	3.2024	3.1820	3.1236	3.0352	2.9296	2.8231	2.7329	2.6730	2.6521
	RHO	5.4329	5.4256	5.4040	5.3689	5.3228	5.2710	5.2223	5.1872	5.1744
	P	2.4873	2.4524	2.3539	2.2081	2.0395	1.8754	1.7412	1.6545	1.6248
THS/THC		1.1810	1.1799	1.1766	1.1711	1.1635	1.1545	1.1457	1.1392	1.1368

M= 8.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.7742	3.8101	3.9128	4.0692	4.2579	4.4507	4.6162	4.7240	4.7639
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2546	0.4767	0.6359	0.7049	0.6637	0.5096	0.2721	0.0000
0.0	A	3.3092	3.2991	3.2699	3.2260	3.1740	3.1225	3.0800	3.0526	3.0432
	RHO	5.7078	5.6206	5.3769	5.0255	4.6333	4.2691	3.9864	3.8122	3.7539
	P	2.7905	2.7310	2.5666	2.3349	2.0838	1.8582	1.6882	1.5859	1.5520
	U	3.7741	3.8365	4.0191	4.3086	4.6849	5.1204	5.5564	5.8848	6.0064
	V	-0.0382	-0.0380	-0.0375	-0.0367	-0.0357	-0.0345	-0.0334	-0.0322	-0.0316
	W	0.0	0.2802	0.5177	0.6740	0.7200	0.6467	0.4786	0.2542	0.0000
0.025	A	3.3092	3.2924	3.2426	3.1615	3.0507	2.9113	2.7532	2.6190	2.5660
	RHO	5.7076	5.6433	5.4683	5.2338	5.0167	4.9117	4.9892	5.1787	5.2796
	P	2.7903	2.7309	2.5669	2.3354	2.0843	1.8585	1.6883	1.5858	1.5519
	U	3.7739	3.8402	4.0337	4.3381	4.7277	5.1656	5.5868	5.8942	6.0062
	V	-0.0760	-0.0756	-0.0745	-0.0728	-0.0708	-0.0686	-0.0663	-0.0642	-0.0632
	W	0.0	0.2957	0.5470	0.7147	0.7702	0.7048	0.5363	0.2917	0.0000
0.050	A	3.3091	3.2912	3.2379	3.1515	3.0349	2.8923	2.7385	2.6140	2.5660
	RHO	5.7069	5.6470	5.4842	5.2676	5.0703	4.9773	5.0429	5.1981	5.2790
	P	2.7899	2.7306	2.5669	2.3357	2.0847	1.8588	1.6884	1.5857	1.5517
	U	3.7729	3.8436	4.0488	4.3687	4.7709	5.2093	5.6151	5.9025	6.0057
	V	-0.1507	-0.1500	-0.1479	-0.1446	-0.1406	-0.1362	-0.1314	-0.1256	-0.1245
	W	0.0	0.3197	0.5929	0.7787	0.8481	0.7906	0.6150	0.3397	0.0000
0.100	A	3.3089	3.2894	3.2321	3.1396	3.0167	2.8715	2.7231	2.6087	2.5658
	RHO	5.7045	5.6501	5.5030	5.3083	5.1326	5.0504	5.0995	5.2170	5.2770
	P	2.7882	2.7293	2.5663	2.3358	2.0852	1.8590	1.6881	1.5850	1.5509
	U	3.7691	3.8445	4.0622	4.3976	4.8111	5.2483	5.6388	5.9081	6.0036
	V	-0.2963	-0.2950	-0.2911	-0.2851	-0.2775	-0.2684	-0.2574	-0.2467	-0.2421
	W	0.0	0.3567	0.6634	0.8765	0.9646	0.9124	0.7191	0.3996	0.0000
0.200	A	3.3078	3.2865	3.2240	3.1244	2.9949	2.8480	2.7063	2.6020	2.5651
	RHO	5.6950	5.6485	5.5227	5.3564	5.2063	5.1321	5.1577	5.2320	5.2696
	P	2.7817	2.7236	2.5627	2.3343	2.0847	1.8583	1.6865	1.5824	1.5478
	U	3.7631	3.8411	4.0658	4.4096	4.8286	5.2645	5.6474	5.9083	6.0004
	V	-0.4368	-0.4348	-0.4294	-0.4209	-0.4093	-0.3958	-0.3784	-0.3616	-0.3544
	W	0.0	0.3860	0.7190	0.9526	1.0528	1.0003	0.7901	0.4387	0.0000
0.300	A	3.3060	3.2835	3.2177	3.1135	2.9802	2.8330	2.6959	2.5988	2.5640
	RHO	5.6800	5.6396	5.5302	5.3848	5.2516	5.1802	5.1879	5.2344	5.2585
	P	2.7714	2.7144	2.5561	2.3303	2.0823	1.8561	1.6833	1.5782	1.5433
	U	3.7551	3.8349	4.0641	4.4132	4.8355	5.2709	5.6494	5.9057	5.9960
	V	-0.5723	-0.5698	-0.5628	-0.5519	-0.5374	-0.5184	-0.4946	-0.4720	-0.4624
	W	0.0	0.4109	0.7660	1.0162	1.1249	1.0699	0.8443	0.4677	0.0000
0.400	A	3.3037	3.2802	3.2118	3.1044	2.9686	2.8215	2.6880	2.5954	2.5626
	RHO	5.6600	5.6251	5.5299	5.4021	5.2825	5.2120	5.2046	5.2299	5.2442
	P	2.7578	2.7020	2.5466	2.3241	2.0782	1.8524	1.6789	1.5728	1.5374
	U	3.7454	3.8264	4.0588	4.4116	4.8364	5.2713	5.6475	5.9013	5.9906
	V	-0.7033	-0.7003	-0.6916	-0.6783	-0.6603	-0.6365	-0.6066	-0.5786	-0.5668
	W	0.0	0.4328	0.8069	1.0709	1.1859	1.1272	0.8877	0.4905	0.0000
0.500	A	3.3008	3.2766	3.2061	3.0961	2.9585	2.8120	2.6815	2.5923	2.5609
	RHO	5.6357	5.6056	5.5234	5.4116	5.3036	5.2331	5.2125	5.2105	5.2271
	P	2.7412	2.6867	2.5347	2.3159	2.0725	1.8474	1.6732	1.5662	1.5304
	U	3.7341	3.8160	4.0506	4.4061	4.8327	5.2678	5.6428	5.8954	5.9843
	V	-0.8301	-0.8264	-0.8162	-0.8002	-0.7788	-0.7503	-0.7147	-0.6817	-0.6679
	W	0.0	0.4523	0.8433	1.1191	1.2385	1.1757	0.9236	0.5090	0.0000
0.600	A	3.2975	3.2726	3.2005	3.0885	2.9497	2.8038	2.6757	2.5892	2.5590
	RHO	5.6073	5.5819	5.5118	5.4147	5.3171	5.2464	5.2140	5.2073	5.2074
	P	2.7219	2.6689	2.5204	2.3058	2.0653	1.8412	1.6664	1.5585	1.5223
	U	3.7214	3.8039	4.0402	4.3977	4.8258	5.2614	5.6361	5.8884	5.9771
	V	-0.9529	-0.9487	-0.9367	-0.9181	-0.8932	-0.8601	-0.8192	-0.7818	-0.7662
	W	0.0	0.4699	0.8760	1.1620	1.2849	1.2173	0.9538	0.5244	0.0000
0.700	A	3.2937	3.2603	3.1947	3.0811	2.9415	2.7963	2.6704	2.5862	2.5568
	RHO	5.5752	5.5542	5.4956	5.4124	5.3246	5.2535	5.2105	5.1909	5.1855
	P	2.7002	2.6486	2.5040	2.2939	2.0568	1.8339	1.6587	1.5499	1.5134
	U	3.7075	3.7935	4.0279	4.3869	4.8162	5.2527	5.6279	5.8803	5.9692
	V	-1.0722	-1.0674	-1.0535	-1.0322	-1.0038	-0.9663	-0.9205	-0.8791	-0.8620
	W	0.0	0.4860	0.9057	1.2096	1.3259	1.2536	0.9797	0.5374	0.0000
0.800	A	3.2895	3.2636	3.1889	3.0740	2.9339	2.7894	2.6654	2.5830	2.5544
	RHO	5.5398	5.5229	5.4754	5.4055	5.3268	5.2554	5.2028	5.1716	5.1613
	P	2.6761	2.6262	2.4857	2.2804	2.0469	1.8255	1.6501	1.5434	1.5035
	U	3.6925	3.7758	4.0141	4.3742	4.8047	5.2422	5.6182	5.8714	5.9605
	V	-1.1883	-1.1827	-1.1670	-1.1428	-1.1107	-1.0690	-1.0189	-0.9739	-0.9555
	W	0.0	0.5007	0.9328	1.2355	1.3626	1.2855	1.0020	0.5485	0.0000
0.900	A	3.2849	3.2586	3.1829	3.0671	2.9266	2.7829	2.6606	2.5798	2.5518
	RHO	5.5011	5.4883	5.4513	5.3943	5.3245	5.2529	5.1914	5.1498	5.1350
	P	2.6500	2.6017	2.4655	2.2653	2.0359	1.8162	1.6405	1.5301	1.4928
	U	3.6765	3.7600	3.9989	4.3599	4.7915	5.2303	5.6076	5.8617	5.9512
	V	-1.3015	-1.2952	-1.2774	-1.2501	-1.2144	-1.1687	-1.1145	-1.0665	-1.0469
	W	0.0	0.5143	0.9577	1.2674	1.3955	1.3138	1.0215	0.5581	0.0000
1.000	A	3.2799	3.2533	3.1768	3.0601	2.9195	2.7768	2.6559	2.5765	2.5490
	RHO	5.4593	5.4504	5.4237	5.3791	5.3181	5.2466	5.1768	5.1255	5.1067
	P	2.6219	2.5753	2.4436	2.2488	2.0237	1.8060	1.6302	1.5190	1.4813
THS/THC		1.1920	1.1908	1.1870	1.1803	1.1704	1.1581	1.1453	1.1355	1.1319

M= 8.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)= 5.6125

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.4273	3.4744	3.6094	3.8162	4.0681	4.3291	4.5563	4.7073	4.7586
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.3342	0.6280	0.8443	0.9474	0.9054	0.7016	0.3720	0.0000
0.0	A	3.3839	3.3710	3.3340	3.2779	3.2139	3.1444	3.0903	3.0563	3.0448
	RHO	5.7412	5.6326	5.3301	4.8965	4.4165	3.9775	3.6469	3.4507	3.3865
	P	2.9349	2.8574	2.6449	2.3487	2.0328	1.7557	1.5548	1.4390	1.4016
	U	3.4272	3.5003	3.7136	4.0529	4.4948	5.0232	5.5985	6.0552	6.2255
	V	-0.0393	-0.0391	-0.0384	-0.0373	-0.0360	-0.0349	-0.0336	-0.0318	-0.0309
	W	0.0	0.3574	0.6628	0.8679	0.9327	0.8324	0.6025	0.3167	0.0000
0.025	A	3.3839	3.3650	3.3094	3.2189	3.0954	2.9368	2.7320	2.5383	2.4593
	RHO	5.7410	5.6528	5.4107	5.0794	4.7545	4.5613	4.6670	5.0029	5.1906
	P	2.9347	2.8575	2.6455	2.3496	2.0337	1.7563	1.5559	1.4390	1.4015
	U	3.4269	3.5053	3.7340	4.0950	4.5605	5.1005	5.6535	6.0723	6.2254
	V	-0.0782	-0.0777	-0.0763	-0.0741	-0.0714	-0.0689	-0.0664	-0.0634	-0.0618
	W	0.0	0.3734	0.6925	0.9080	0.9805	0.8916	0.6722	0.3671	0.0000
0.050	A	3.3838	3.3635	3.3035	3.2059	3.0734	2.9059	2.7053	2.5289	2.4593
	RHO	5.7403	5.6574	5.4307	5.1223	4.8249	4.6603	4.7599	5.0396	5.1901
	P	2.9342	2.8573	2.6458	2.3503	2.0346	1.7568	1.5552	1.4389	1.4013
	U	3.4258	3.5104	3.7561	4.1408	4.6291	5.1761	5.7047	6.0876	6.2249
	V	-0.1549	-0.1540	-0.1513	-0.1473	-0.1423	-0.1373	-0.1317	-0.1250	-0.1216
	W	0.0	0.3994	0.7416	0.9757	1.0631	0.9887	0.7711	0.4310	0.0000
0.100	A	3.3835	3.3613	3.2959	3.1897	3.0470	2.8717	2.6777	2.5194	2.4591
	RHO	5.7377	5.6621	5.4558	5.1770	4.9125	4.7746	4.8592	5.0762	5.1880
	P	2.9324	2.8560	2.6458	2.3515	2.0361	1.7578	1.5554	1.4384	1.4006
	U	3.4216	3.5130	3.7774	4.1867	4.6958	5.2449	5.7483	6.0990	6.2230
	V	-0.3042	-0.3025	-0.2979	-0.2908	-0.2820	-0.2720	-0.2587	-0.2432	-0.2357
	W	0.0	0.4412	0.8210	1.0857	1.1963	1.1357	0.9045	0.5094	0.0000
0.200	A	3.3823	3.3577	3.2853	3.1687	3.0146	2.8333	2.6486	2.5093	2.4584
	RHO	5.7277	5.6628	5.4858	5.2471	5.0432	4.9085	4.9650	5.1096	5.1809
	P	2.9252	2.8502	2.6432	2.3520	2.0380	1.7591	1.5549	1.4363	1.3979
	U	3.4150	3.5104	3.7854	4.2081	4.7273	5.2759	5.7660	6.1018	6.2199
	V	-0.4480	-0.4456	-0.4391	-0.4295	-0.4173	-0.4022	-0.3805	-0.3558	-0.3444
	W	0.0	0.4754	0.8860	1.1753	1.3022	1.2456	0.9960	0.5597	0.0000
0.300	A	3.3804	3.3542	3.2769	3.1535	2.9928	2.8092	2.6313	2.5032	2.4574
	RHO	5.7120	5.6557	5.5020	5.2940	5.0979	4.9935	5.0253	5.1229	5.1703
	P	2.9140	2.8406	2.6375	2.3503	2.0384	1.7592	1.5533	1.4330	1.3939
	U	3.4063	3.5043	3.7864	4.2176	4.7429	5.2907	5.7731	6.1007	6.2158
	V	-0.5865	-0.5835	-0.5753	-0.5631	-0.5477	-0.5273	-0.4973	-0.4638	-0.4486
	W	0.0	0.5052	0.9424	1.2521	1.3910	1.3339	1.0656	0.5964	0.0000
0.400	A	3.3780	3.3503	3.2693	3.1409	2.9756	2.7912	2.6188	2.4984	2.4561
	RHO	5.6911	5.6426	5.5095	5.3281	5.1544	5.0554	5.0648	5.1264	5.1567
	P	2.8991	2.8275	2.6290	2.3465	2.0374	1.7583	1.5507	1.4286	1.3887
	U	3.3956	3.4955	3.7825	4.2196	4.7489	5.2963	5.7742	6.0973	6.2107
	V	-0.7201	-0.7165	-0.7065	-0.6918	-0.6731	-0.6475	-0.6094	-0.5678	-0.5492
	W	0.0	0.5318	0.9924	1.3196	1.4675	1.4072	1.1211	0.6248	0.0000
0.500	A	3.3749	3.3462	3.2621	3.1297	2.9611	2.7768	2.6099	2.4944	2.4546
	RHO	5.6657	5.6244	5.5104	5.3531	5.1989	5.1026	5.0915	5.1237	5.1406
	P	2.8810	2.8114	2.6178	2.3407	2.0351	1.7564	1.5472	1.4232	1.3827
	U	3.3833	3.4846	3.7750	4.2162	4.7485	5.2958	5.7713	6.0922	6.2048
	V	-0.8492	-0.8449	-0.8330	-0.8157	-0.7936	-0.7629	-0.7172	-0.6683	-0.6467
	W	0.0	0.5559	1.0375	1.3798	1.5344	1.4694	1.1667	0.6477	0.0000
0.600	A	3.3714	3.3417	3.2551	3.1194	2.9485	2.7646	2.6007	2.4908	2.4528
	RHO	5.6361	5.6016	5.5056	5.3710	5.2343	5.1395	5.1093	5.1162	5.1222
	P	2.8599	2.7925	2.6042	2.3332	2.0315	1.7536	1.5428	1.4170	1.3758
	U	3.3695	3.4717	3.7646	4.2088	4.7433	5.2910	5.7657	6.0857	6.1981
	V	-0.9741	-0.9691	-0.9553	-0.9351	-0.9095	-0.8737	-0.8211	-0.7656	-0.7414
	W	0.0	0.5780	1.0786	1.4340	1.5936	1.5231	1.2049	0.6664	0.0000
0.700	A	3.3674	3.3369	3.2481	3.1098	2.9372	2.7540	2.5936	2.4873	2.4509
	RHO	5.6027	5.5747	5.4959	5.3828	5.2624	5.1682	5.1204	5.1051	5.1017
	P	2.8363	2.7711	2.5885	2.3239	2.0267	1.7499	1.5376	1.4100	1.3681
	U	3.3545	3.4573	3.7520	4.1983	4.7345	5.2831	5.7579	6.0781	6.1907
	V	-1.0952	-1.0894	-1.0735	-1.0503	-1.0210	-0.9803	-0.9213	-0.8602	-0.8336
	W	0.0	0.5983	1.1163	1.4834	1.6465	1.5699	1.2373	0.6820	0.0000
0.800	A	3.3630	3.3317	3.2411	3.1006	2.9268	2.7446	2.5872	2.4840	2.4487
	RHO	5.5659	5.5440	5.4817	5.3893	5.2843	5.1905	5.1262	5.0909	5.0793
	P	2.8102	2.7473	2.5707	2.3131	2.0208	1.7455	1.5318	1.4024	1.3596
	U	3.3383	3.4416	3.7374	4.1852	4.7229	5.2727	5.7486	6.0697	6.1825
	V	-1.2129	-1.2063	-1.1881	-1.1616	-1.1283	-1.0828	-1.0182	-0.9522	-0.9236
	W	0.0	0.6171	1.1510	1.5285	1.6942	1.6111	1.2651	0.6952	0.0000
0.900	A	3.3581	3.3262	3.2341	3.0919	2.9172	2.7361	2.5814	2.4807	2.4463
	RHO	5.5257	5.5099	5.4635	5.3910	5.3009	5.2074	5.1276	5.0740	5.0549
	P	2.7818	2.7214	2.5510	2.3007	2.0139	1.7403	1.5253	1.3940	1.3505
	U	3.3212	3.4247	3.7212	4.1701	4.7093	5.2604	5.7379	6.0604	6.1738
	V	-1.3275	-1.3200	-1.2993	-1.2693	-1.2319	-1.1815	-1.1119	-1.0419	-1.0117
	W	0.0	0.6346	1.1832	1.5699	1.7374	1.6475	1.2891	0.7064	0.0000
1.000	A	3.3528	3.3204	3.2269	3.0833	2.9082	2.7283	2.5760	2.4774	2.4438
	RHO	5.4825	5.4724	5.4414	5.3884	5.3129	5.2197	5.1252	5.0546	5.0286
	P	2.7514	2.6935	2.5295	2.2869	2.0063	1.7345	1.5183	1.3850	1.3407
THS/THC		1.2049	1.2037	1.1996	1.1921	1.1804	1.1645	1.1468	1.1329	1.1276

M=10.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0
	U	6.2903
	V	0.0000
	W	0.0
-0.000	A	3.6175
	RHO	5.7598
	P	2.1536
	U	6.2902
	V	-0.0411
	W	0.0
0.025	A	3.6175
	RHO	5.7596
	P	2.1535
	U	6.2900
	V	-0.0819
	W	0.0
0.050	A	3.6174
	RHO	5.7590
	P	2.1532
	U	6.2892
	V	-0.1621
	W	0.0
0.100	A	3.6172
	RHO	5.7569
	P	2.1521
	U	6.2862
	V	-0.3184
	W	0.0
0.200	A	3.6161
	RHO	5.7488
	P	2.1478
	U	6.2814
	V	-0.4694
	W	0.0
0.300	A	3.6145
	RHO	5.7360
	P	2.1412
	U	6.2749
	V	-0.6155
	W	0.0
0.400	A	3.6124
	RHO	5.7192
	P	2.1324
	U	6.2668
	V	-0.7573
	W	0.0
0.500	A	3.6098
	RHO	5.6986
	P	2.1216
	U	6.2574
	V	-0.8951
	W	0.0
0.600	A	3.6068
	RHO	5.6746
	P	2.1091
	U	6.2468
	V	-1.0292
	W	0.0
0.700	A	3.6033
	RHO	5.6474
	P	2.0950
	U	6.2350
	V	-1.1600
	W	0.0
0.800	A	3.5994
	RHO	5.6173
	P	2.0794
	U	6.2221
	V	-1.2878
	W	0.0
0.900	A	3.5952
	RHO	5.5843
	P	2.0623
	U	6.2082
	V	-1.4129
	W	0.0
1.000	A	3.5906
	RHO	5.5486
	P	2.0438

THS/THC 1.1472

M=10.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.2208	6.2225	6.2273	6.2344	6.2429	6.2514	6.2586	6.2634	6.2651
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0120	0.0221	0.0289	0.0313	0.0289	0.0221	0.0120	0.0000
0.0	A	3.6415	3.6409	3.6393	3.6368	3.6339	3.6310	3.6285	3.6269	3.6263
	RHO	5.7674	5.7628	5.7498	5.7303	5.7076	5.6846	5.6653	5.6525	5.6480
	P	2.1851	2.1827	2.1758	2.1654	2.1533	2.1413	2.1311	2.1244	2.1220
	U	6.2207	6.2259	6.2407	6.2629	6.2893	6.3159	6.3386	6.3538	6.3591
	V	-0.0413	-0.0413	-0.0413	-0.0412	-0.0411	-0.0410	-0.0410	-0.0409	-0.0409
	W	0.0	0.0160	0.0295	0.0385	0.0417	0.0385	0.0294	0.0159	0.0000
0.025	A	3.6415	3.6397	3.6346	3.6269	3.6178	3.6085	3.6006	3.5952	3.5933
	RHO	5.7673	5.7655	5.7643	5.7613	5.7581	5.7553	5.7533	5.7522	5.7518
	P	2.1850	2.1826	2.1757	2.1653	2.1532	2.1412	2.1310	2.1243	2.1219
	U	6.2205	6.2257	6.2405	6.2628	6.2893	6.3158	6.3384	6.3536	6.3589
	V	-0.0823	-0.0822	-0.0822	-0.0820	-0.0819	-0.0817	-0.0815	-0.0815	-0.0815
	W	0.0	0.0176	0.0326	0.0426	0.0461	0.0426	0.0326	0.0176	0.0000
0.050	A	3.6414	3.6396	3.6345	3.6268	3.6176	3.6084	3.6005	3.5951	3.5933
	RHO	5.7667	5.7659	5.7638	5.7609	5.7578	5.7549	5.7529	5.7516	5.7512
	P	2.1847	2.1823	2.1754	2.1651	2.1530	2.1409	2.1308	2.1240	2.1216
	U	6.2197	6.2249	6.2398	6.2622	6.2886	6.3151	6.3377	6.3528	6.3581
	V	-0.1630	-0.1629	-0.1627	-0.1625	-0.1621	-0.1618	-0.1615	-0.1614	-0.1613
	W	0.0	0.0199	0.0368	0.0481	0.0521	0.0482	0.0369	0.0200	0.0000
0.100	A	3.6411	3.6393	3.6342	3.6265	3.6173	3.6081	3.6002	3.5949	3.5930
	RHO	5.7646	5.7638	5.7618	5.7589	5.7558	5.7530	5.7508	5.7495	5.7491
	P	2.1836	2.1811	2.1742	2.1639	2.1518	2.1398	2.1297	2.1229	2.1205
	U	6.2166	6.2219	6.2368	6.2592	6.2857	6.3122	6.3348	6.3499	6.3552
	V	-0.3202	-0.3201	-0.3197	-0.3191	-0.3185	-0.3178	-0.3172	-0.3168	-0.3167
	W	0.0	0.0230	0.0426	0.0557	0.0604	0.0559	0.0428	0.0232	0.0000
0.200	A	3.6401	3.6383	3.6331	3.6254	3.6162	3.6070	3.5991	3.5938	3.5920
	RHO	5.7564	5.7557	5.7538	5.7510	5.7480	5.7451	5.7429	5.7415	5.7410
	P	2.1792	2.1768	2.1699	2.1597	2.1476	2.1356	2.1255	2.1187	2.1164
	U	6.2117	6.2170	6.2319	6.2544	6.2809	6.3074	6.3300	6.3451	6.3504
	V	-0.4721	-0.4719	-0.4713	-0.4704	-0.4694	-0.4684	-0.4675	-0.4669	-0.4667
	W	0.0	0.0253	0.0467	0.0611	0.0663	0.0613	0.0470	0.0254	0.0000
0.300	A	3.6385	3.6367	3.6315	3.6237	3.6146	3.6054	3.5975	3.5922	3.5904
	RHO	5.7436	5.7429	5.7410	5.7384	5.7354	5.7325	5.7303	5.7289	5.7284
	P	2.1724	2.1700	2.1632	2.1530	2.1410	2.1290	2.1189	2.1122	2.1098
	U	6.2051	6.2104	6.2254	6.2478	6.2744	6.3010	6.3236	6.3387	6.3440
	V	-0.6191	-0.6189	-0.6181	-0.6170	-0.6155	-0.6142	-0.6130	-0.6122	-0.6119
	W	0.0	0.0271	0.0500	0.0655	0.0709	0.0656	0.0503	0.0272	0.0000
0.400	A	3.6363	3.6345	3.6293	3.6216	3.6124	3.6032	3.5954	3.5901	3.5883
	RHO	5.7266	5.7259	5.7241	5.7216	5.7186	5.7158	5.7136	5.7121	5.7116
	P	2.1634	2.1611	2.1542	2.1441	2.1322	2.1203	2.1102	2.1035	2.1012
	U	6.1969	6.2022	6.2173	6.2398	6.2664	6.2931	6.3157	6.3308	6.3361
	V	-0.7618	-0.7615	-0.7605	-0.7591	-0.7574	-0.7556	-0.7542	-0.7532	-0.7528
	W	0.0	0.0285	0.0528	0.0690	0.0748	0.0692	0.0530	0.0287	0.0000
0.500	A	3.6337	3.6318	3.6267	3.6189	3.6098	3.6006	3.5928	3.5876	3.5857
	RHO	5.7058	5.7052	5.7035	5.7010	5.6981	5.6954	5.6931	5.6917	5.6912
	P	2.1525	2.1501	2.1434	2.1333	2.1214	2.1096	2.0997	2.0930	2.0907
	U	6.1874	6.1927	6.2078	6.2304	6.2571	6.2837	6.3064	6.3215	6.3269
	V	-0.9004	-0.9000	-0.8989	-0.8972	-0.8952	-0.8931	-0.8913	-0.8902	-0.8897
	W	0.0	0.0298	0.0551	0.0721	0.0781	0.0723	0.0554	0.0300	0.0000
0.600	A	3.6306	3.6288	3.6236	3.6159	3.6067	3.5975	3.5898	3.5845	3.5827
	RHO	5.6816	5.6810	5.6794	5.6770	5.6742	5.6716	5.6693	5.6679	5.6674
	P	2.1397	2.1374	2.1307	2.1207	2.1089	2.0972	2.0874	2.0808	2.0785
	U	6.1766	6.1819	6.1970	6.2197	6.2464	6.2731	6.2959	6.3110	6.3163
	V	-1.0354	-1.0349	-1.0336	-1.0316	-1.0292	-1.0269	-1.0249	-1.0235	-1.0230
	W	0.0	0.0309	0.0572	0.0748	0.0813	0.0749	0.0574	0.0311	0.0000
0.700	A	3.6271	3.6253	3.6201	3.6124	3.6032	3.5941	3.5863	3.5811	3.5793
	RHO	5.6542	5.6536	5.6521	5.6498	5.6472	5.6446	5.6424	5.6410	5.6405
	P	2.1253	2.1229	2.1163	2.1064	2.0948	2.0832	2.0735	2.0669	2.0646
	U	6.1646	6.1699	6.1851	6.2078	6.2346	6.2614	6.2842	6.2994	6.3047
	V	-1.1670	-1.1664	-1.1650	-1.1627	-1.1601	-1.1574	-1.1551	-1.1535	-1.1530
	W	0.0	0.0319	0.0590	0.0771	0.0835	0.0773	0.0592	0.0321	0.0000
0.800	A	3.6232	3.6213	3.6162	3.6085	3.5994	3.5902	3.5825	3.5773	3.5755
	RHO	5.6238	5.6233	5.6218	5.6196	5.6171	5.6146	5.6125	5.6111	5.6106
	P	2.1093	2.1070	2.1005	2.0907	2.0792	2.0678	2.0581	2.0516	2.0494
	U	6.1515	6.1569	6.1720	6.1948	6.2217	6.2486	6.2714	6.2867	6.2920
	V	-1.2955	-1.2949	-1.2933	-1.2908	-1.2879	-1.2849	-1.2823	-1.2806	-1.2800
	W	0.0	0.0328	0.0606	0.0792	0.0858	0.0793	0.0608	0.0329	0.0000
0.900	A	3.6189	3.6171	3.6119	3.6042	3.5951	3.5860	3.5783	3.5732	3.5713
	RHO	5.5905	5.5900	5.5887	5.5866	5.5842	5.5818	5.5798	5.5784	5.5780
	P	2.0918	2.0896	2.0831	2.0735	2.0622	2.0509	2.0413	2.0349	2.0327
	U	6.1374	6.1428	6.1580	6.1809	6.2078	6.2348	6.2577	6.2730	6.2784
	V	-1.4214	-1.4208	-1.4190	-1.4162	-1.4130	-1.4097	-1.4069	-1.4050	-1.4043
	W	0.0	0.0335	0.0620	0.0811	0.0878	0.0812	0.0622	0.0337	0.0000
1.000	A	3.6142	3.6124	3.6072	3.5996	3.5905	3.5814	3.5737	3.5686	3.5668
	RHO	5.5544	5.5540	5.5527	5.5508	5.5486	5.5463	5.5443	5.5430	5.5426
	P	2.0730	2.0707	2.0644	2.0549	2.0437	2.0326	2.0232	2.0169	2.0147
THS/THC		1.1486	1.1485	1.1482	1.1478	1.1472	1.1467	1.1462	1.1459	1.1458

M=10.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.9361	5.9451	5.9706	6.0089	6.0541	6.0994	6.1378	6.1635	6.1725
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0637	0.1178	0.1542	0.1672	0.1545	0.1183	0.0640	0.0000
0.0	A	3.7353	3.7323	3.7239	3.7113	3.6965	3.6817	3.6691	3.6638	3.6579
	RHO	5.7965	5.7736	5.7086	5.6127	5.5013	5.3919	5.3009	5.2410	5.2201
	P	2.3107	2.2980	2.2619	2.2088	2.1477	2.0882	2.0390	2.0068	1.9956
	U	5.9360	5.9603	6.0303	6.1374	6.2674	6.4017	6.5192	6.5996	6.6282
	V	-0.0422	-0.0421	-0.0419	-0.0416	-0.0412	-0.0408	-0.0404	-0.0402	-0.0400
	W	0.0	0.0809	0.1491	0.1940	0.2088	0.1918	0.1460	0.0787	0.0000
0.025	A	3.7353	3.7274	3.7044	3.6686	3.6242	3.5771	3.5349	3.5054	3.4947
	RHO	5.7963	5.7888	5.7689	5.7439	5.7226	5.7114	5.7110	5.7159	5.7186
	P	2.3106	2.2979	2.2618	2.2087	2.1476	2.0881	2.0389	2.0067	1.9955
	U	5.9358	5.9605	6.0316	6.1398	6.2704	6.4044	6.5207	6.5999	6.6280
	V	-0.0839	-0.0838	-0.0834	-0.0827	-0.0820	-0.0812	-0.0805	-0.0799	-0.0798
	W	0.0	0.0884	0.1633	0.2132	0.2305	0.2127	0.1627	0.0880	0.0000
0.050	A	3.7352	3.7271	3.7037	3.6674	3.6228	3.5758	3.5340	3.5051	3.4947
	RHO	5.7958	5.7888	5.7703	5.7469	5.7265	5.7150	5.7130	5.7161	5.7181
	P	2.3103	2.2976	2.2615	2.2085	2.1474	2.0878	2.0387	2.0064	1.9952
	U	5.9350	5.9601	6.0323	6.1417	6.2728	6.4065	6.5217	6.5997	6.6273
	V	-0.1663	-0.1661	-0.1652	-0.1640	-0.1624	-0.1608	-0.1593	-0.1583	-0.1580
	W	0.0	0.0991	0.1834	0.2400	0.2605	0.2414	0.1853	0.1005	0.0000
0.100	A	3.7349	3.7266	3.7027	3.6659	3.6210	3.5742	3.5329	3.5045	3.4944
	RHO	5.7936	5.7872	5.7704	5.7488	5.7295	5.7175	5.7138	5.7149	5.7160
	P	2.3091	2.2964	2.2604	2.2074	2.1463	2.0868	2.0376	2.0054	1.9942
	U	5.9317	5.9573	6.0306	6.1411	6.2729	6.4062	6.5204	6.5973	6.6245
	V	-0.3271	-0.3265	-0.3249	-0.3223	-0.3191	-0.3157	-0.3126	-0.3104	-0.3096
	W	0.0	0.1140	0.2113	0.2772	0.3016	0.2803	0.2157	0.1172	0.0000
0.200	A	3.7339	3.7253	3.7009	3.6635	3.6182	3.5716	3.5310	3.5033	3.4934
	RHO	5.7852	5.7797	5.7648	5.7455	5.7274	5.7150	5.7092	5.7080	5.7081
	P	2.3045	2.2918	2.2559	2.2032	2.1423	2.0829	2.0338	2.0016	1.9904
	U	5.9264	5.9523	6.0262	6.1374	6.2696	6.4029	6.5166	6.5931	6.6200
	V	-0.4826	-0.4818	-0.4793	-0.4754	-0.4705	-0.4653	-0.4605	-0.4572	-0.4559
	W	0.0	0.1249	0.2315	0.3040	0.3310	0.3078	0.2370	0.1288	0.0000
0.300	A	3.7322	3.7235	3.6987	3.6610	3.6155	3.5691	3.5289	3.5016	3.4919
	RHO	5.7720	5.7671	5.7537	5.7360	5.7188	5.7061	5.6990	5.6963	5.6958
	P	2.2971	2.2845	2.2489	2.1965	2.1359	2.0768	2.0277	1.9955	1.9843
	U	5.9194	5.9454	6.0197	6.1315	6.2640	6.3973	6.5109	6.5872	6.6140
	V	-0.6332	-0.6321	-0.6288	-0.6235	-0.6173	-0.6103	-0.6036	-0.5991	-0.5975
	W	0.0	0.1337	0.2478	0.3254	0.3544	0.3295	0.2537	0.1378	0.0000
0.400	A	3.7299	3.7212	3.6961	3.6581	3.6126	3.5663	3.5264	3.4995	3.4899
	RHO	5.7545	5.7500	5.7379	5.7216	5.7052	5.6924	5.6844	5.6806	5.6795
	P	2.2873	2.2749	2.2396	2.1876	2.1274	2.0686	2.0197	1.9876	1.9764
	U	5.9107	5.9369	6.0116	6.1237	6.2566	6.3900	6.5037	6.5798	6.6066
	V	-0.7794	-0.7783	-0.7738	-0.7673	-0.7591	-0.7503	-0.7424	-0.7367	-0.7347
	W	0.0	0.1411	0.2615	0.3433	0.3738	0.3475	0.2674	0.1453	0.0000
0.500	A	3.7271	3.7183	3.6931	3.6550	3.6094	3.5633	3.5236	3.4969	3.4875
	RHO	5.7331	5.7290	5.7180	5.7030	5.6874	5.6746	5.6658	5.6612	5.6598
	P	2.2754	2.2631	2.2282	2.1767	2.1173	2.0585	2.0099	1.9779	1.9668
	U	5.9005	5.9268	6.0018	6.1143	6.2475	6.3812	6.4949	6.5711	6.5979
	V	-0.9214	-0.9197	-0.9147	-0.9069	-0.8971	-0.8867	-0.8771	-0.8704	-0.8680
	W	0.0	0.1474	0.2732	0.3586	0.3904	0.3628	0.2791	0.1516	0.0000
0.600	A	3.7238	3.7150	3.6896	3.6514	3.6059	3.5599	3.5205	3.4940	3.4847
	RHO	5.7080	5.7044	5.6945	5.6806	5.6659	5.6531	5.6439	5.6385	5.6368
	P	2.2615	2.2494	2.2149	2.1640	2.1049	2.0468	1.9985	1.9667	1.9556
	U	5.8890	5.9154	5.9906	6.1035	6.2370	6.3710	6.4849	6.5612	6.5880
	V	-1.0596	-1.0576	-1.0518	-1.0427	-1.0314	-1.0193	-1.0084	-1.0006	-0.9978
	W	0.0	0.1530	0.2835	0.3720	0.4048	0.3760	0.2891	0.1570	0.0000
0.700	A	3.7201	3.7112	3.6858	3.6475	3.6023	3.5561	3.5170	3.4937	3.4815
	RHO	5.6797	5.6765	5.6676	5.6549	5.6410	5.6284	5.6187	5.6128	5.6109
	P	2.2458	2.2338	2.1998	2.1496	2.0911	2.0336	1.9857	1.9541	1.9431
	U	5.8763	5.9027	5.9782	6.0914	6.2253	6.3596	6.4737	6.5502	6.5770
	V	-1.1943	-1.1921	-1.1855	-1.1751	-1.1624	-1.1486	-1.1363	-1.1276	-1.1245
	W	0.0	0.1580	0.2927	0.3839	0.4175	0.3876	0.2979	0.1617	0.0000
0.800	A	3.7160	3.7071	3.6816	3.6433	3.5978	3.5521	3.5131	3.4871	3.4779
	RHO	5.6482	5.6453	5.6374	5.6259	5.6130	5.6006	5.5907	5.5843	5.5821
	P	2.2284	2.2166	2.1832	2.1336	2.0759	2.0190	1.9715	1.9401	1.9291
	U	5.8624	5.8889	5.9646	6.0781	6.2124	6.3470	6.4615	6.5381	6.5650
	V	-1.3259	-1.3234	-1.3160	-1.3045	-1.2902	-1.2750	-1.2613	-1.2517	-1.2482
	W	0.0	0.1624	0.3008	0.3945	0.4288	0.3979	0.3057	0.1659	0.0000
0.900	A	3.7115	3.7025	3.6770	3.6387	3.5933	3.5477	3.5090	3.4831	3.4740
	RHO	5.6137	5.6113	5.6043	5.5940	5.5819	5.5699	5.5598	5.5531	5.5507
	P	2.2094	2.1978	2.1649	2.1161	2.0592	2.0030	1.9559	1.9248	1.9139
	U	5.8475	5.8741	5.9500	6.0638	6.1985	6.3335	6.4483	6.5252	6.5522
	V	-1.4548	-1.4519	-1.4437	-1.4310	-1.4153	-1.3986	-1.3837	-1.3732	-1.3694
	W	0.0	0.1664	0.3082	0.4040	0.4393	0.4071	0.3126	0.1696	0.0000
1.000	A	3.7065	3.6975	3.6720	3.6337	3.5884	3.5430	3.5045	3.4787	3.4697
	RHO	5.5763	5.5743	5.5683	5.5592	5.5480	5.5364	5.5262	5.5192	5.5167
	P	2.1888	2.1774	2.1452	2.0972	2.0411	1.9857	1.9391	1.9083	1.8975
THS/THC		1.1548	1.1543	1.1529	1.1507	1.1480	1.1452	1.1427	1.1409	1.1403

M=10.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 7.0355

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.5651	5.5844	5.6393	5.7220	5.8201	5.9186	6.0023	6.0580	6.0775
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1367	0.2538	0.3336	0.3632	0.3366	0.2575	0.1390	0.0000
0.0	A	3.8478	3.8418	3.8245	3.7986	3.7681	3.7378	3.7123	3.6954	3.6895
	RHO	5.8297	5.7839	5.6550	5.4662	5.2504	5.0425	4.8729	4.7631	4.7252
	P	2.4661	2.4390	2.3633	2.2536	2.1303	2.0129	1.9187	1.8585	1.8378
	U	5.5651	5.6100	5.7406	5.9440	6.1978	6.4692	6.7150	6.8878	6.9501
	V	-0.0432	-0.0431	-0.0427	-0.0421	-0.0414	-0.0406	-0.0398	-0.0392	-0.0390
	W	0.0	0.1644	0.3027	0.3928	0.4207	0.3838	0.2902	0.1558	0.0000
0.025	A	3.8478	3.8340	3.7934	3.7286	3.6445	3.5497	3.4590	3.3921	3.3673
	RHO	5.8295	5.8071	5.7478	5.6733	5.6129	5.5912	5.6127	5.6528	5.6725
	P	2.4660	2.4389	2.3632	2.2536	2.1303	2.0129	1.9187	1.8584	1.8377
	U	5.5648	5.6113	5.7460	5.9539	6.2106	6.4811	6.7224	6.8899	6.9500
	V	-0.0860	-0.0857	-0.0850	-0.0838	-0.0824	-0.0808	-0.0793	-0.0782	-0.0777
	W	0.0	0.1778	0.3282	0.4280	0.4620	0.4257	0.3253	0.1761	0.0000
0.050	A	3.8477	3.8334	3.7913	3.7245	3.6389	3.5442	3.4554	3.3909	3.3673
	RHO	5.8289	5.8083	5.7538	5.6854	5.6296	5.6080	5.6239	5.6561	5.6720
	P	2.4657	2.4386	2.3630	2.2534	2.1299	2.0127	1.9185	1.8581	1.8375
	U	5.5639	5.6120	5.7508	5.9635	6.2228	6.4923	6.7290	6.8915	6.9493
	V	-0.1706	-0.1731	-0.1686	-0.1663	-0.1633	-0.1601	-0.1570	-0.1546	-0.1538
	W	0.0	0.1972	0.3651	0.4785	0.5202	0.4835	0.3726	0.2029	0.0000
0.100	A	3.8474	3.8324	3.7886	3.7197	3.6326	3.5381	3.4513	3.3895	3.3670
	RHO	5.8267	5.8082	5.7594	5.6981	5.6472	5.6253	5.6348	5.6582	5.6699
	P	2.4643	2.4374	2.3619	2.2525	2.1291	2.0120	1.9177	1.8573	1.8365
	U	5.5603	5.6101	5.7531	5.9704	6.2324	6.5007	6.7331	6.8909	6.9467
	V	-0.3358	-0.3348	-0.3319	-0.3272	-0.3212	-0.3144	-0.3078	-0.3027	-0.3008
	W	0.0	0.2252	0.4179	0.5500	0.6012	0.5620	0.4353	0.2378	0.0000
0.200	A	3.8463	3.8305	3.7846	3.7133	3.6247	3.5306	3.4462	3.3873	3.3661
	RHO	5.8181	5.8024	5.7608	5.7081	5.6630	5.6403	5.6419	5.6551	5.6622
	P	2.4592	2.4325	2.3576	2.2488	2.1258	2.0088	1.9144	1.8538	1.8330
	U	5.5546	5.6053	5.7506	5.9705	6.2339	6.5017	6.7321	6.8876	6.9425
	V	-0.4958	-0.4943	-0.4899	-0.4829	-0.4738	-0.4634	-0.4531	-0.4453	-0.4423
	W	0.0	0.2461	0.4571	0.6025	0.6597	0.6177	0.4789	0.2616	0.0000
0.300	A	3.8445	3.8282	3.7811	3.7083	3.6188	3.5251	3.4422	3.3851	3.3647
	RHO	5.8044	5.7908	5.7544	5.7078	5.6665	5.6432	5.6395	5.6462	5.6503
	P	2.4511	2.4247	2.3505	2.2426	2.1203	2.0036	1.9092	1.8485	1.8277
	U	5.5470	5.5983	5.7451	5.9667	6.2311	6.4988	6.7282	6.8826	6.9370
	V	-0.6507	-0.6487	-0.6429	-0.6336	-0.6214	-0.6074	-0.5936	-0.5830	-0.5790
	W	0.0	0.2632	0.4891	0.6449	0.7064	0.6615	0.5127	0.2800	0.0000
0.400	A	3.8421	3.8254	3.7773	3.7035	3.6135	3.5202	3.4385	3.3827	3.3628
	RHO	5.7862	5.7743	5.7424	5.7009	5.6629	5.6389	5.6311	5.6328	5.6347
	P	2.4404	2.4143	2.3410	2.2341	2.1127	1.9965	1.9022	1.8415	1.8206
	U	5.5376	5.5893	5.7372	5.9601	6.2254	6.4932	6.7222	6.8760	6.9301
	V	-0.8310	-0.7985	-0.7913	-0.7797	-0.7644	-0.7469	-0.7296	-0.7165	-0.7115
	W	0.0	0.2778	0.5163	0.6807	0.7454	0.6976	0.5403	0.2949	0.0000
0.500	A	3.8391	3.8222	3.7734	3.6988	3.6085	3.5155	3.4348	3.3800	3.3606
	RHO	5.7639	5.7536	5.7256	5.6887	5.6536	5.6292	5.6179	5.6156	5.6158
	P	2.4272	2.4015	2.3293	2.2237	2.1033	1.9877	1.8937	1.8330	1.8121
	U	5.5266	5.5786	5.7274	5.9513	6.2173	6.4855	6.7144	6.8680	6.9221
	V	-0.9470	-0.9440	-0.9353	-0.9214	-0.9032	-0.8823	-0.8617	-0.8461	-0.8402
	W	0.0	0.2906	0.5399	0.7116	0.7783	0.7283	0.5635	0.3073	0.0000
0.600	A	3.8356	3.8185	3.7691	3.6940	3.6034	3.5108	3.4309	3.3770	3.3579
	RHO	5.7378	5.7289	5.7047	5.6720	5.6395	5.6150	5.6009	5.5952	5.5939
	P	2.4119	2.3866	2.3155	2.2113	2.0922	1.9774	1.8837	1.8231	1.8022
	U	5.5141	5.5665	5.7159	5.9406	6.2074	6.4761	6.7052	6.8589	6.9129
	V	-1.0890	-1.0856	-1.0754	-1.0592	-1.0381	-1.0139	-0.9902	-0.9723	-0.9656
	W	0.0	0.3019	0.5607	0.7387	0.8083	0.7548	0.5835	0.3179	0.0000
0.700	A	3.8317	3.8143	3.7645	3.6889	3.5983	3.5061	3.4269	3.3737	3.3550
	RHO	5.7083	5.7007	5.6800	5.6513	5.6215	5.5968	5.5804	5.5718	5.5692
	P	2.3945	2.3697	2.2998	2.1973	2.0796	1.9657	1.8724	1.8119	1.7910
	U	5.5004	5.5529	5.7029	5.9283	6.1959	6.4652	6.6947	6.8486	6.9128
	V	-1.2275	-1.2235	-1.2119	-1.1934	-1.1694	-1.1421	-1.1154	-1.0954	-1.0878
	W	0.0	0.3120	0.5794	0.7629	0.8337	0.7781	0.6008	0.3271	0.0000
0.800	A	3.8272	3.8097	3.7596	3.6837	3.5930	3.5012	3.4228	3.3702	3.3517
	RHO	5.6754	5.6692	5.6518	5.6270	5.5998	5.5752	5.5567	5.5456	5.5419
	P	2.3752	2.3510	2.2825	2.1816	2.0655	1.9527	1.8600	1.7996	1.7788
	U	5.4854	5.5382	5.6885	5.9147	6.1830	6.4529	6.6831	6.8374	6.8917
	V	-1.3626	-1.3582	-1.3450	-1.3243	-1.2975	-1.2671	-1.2376	-1.2156	-1.2073
	W	0.0	0.3212	0.5962	0.7845	0.8566	0.7986	0.6160	0.3351	0.0000
0.900	A	3.8224	3.8048	3.7544	3.6782	3.5875	3.4962	3.4184	3.3663	3.3481
	RHO	5.6394	5.6345	5.6204	5.5993	5.5747	5.5504	5.5301	5.5167	5.5121
	P	2.3542	2.3305	2.2634	2.1645	2.0503	1.9384	1.8463	1.7862	1.7654
	U	5.4694	5.5223	5.6731	5.8998	6.1688	6.4396	6.6704	6.8252	6.8797
	V	-1.4948	-1.4898	-1.4752	-1.4522	-1.4226	-1.3893	-1.3571	-1.3333	-1.3244
	W	0.0	0.3295	0.6114	0.8041	0.8772	0.8170	0.6295	0.3422	0.0000
1.000	A	3.8171	3.7994	3.7488	3.6725	3.5823	3.4910	3.4137	3.3622	3.3441
	RHO	5.6005	5.5967	5.5858	5.5685	5.5464	5.5225	5.5007	5.4854	5.4798
	P	2.3314	2.3083	2.2428	2.1458	2.0332	1.9229	1.8315	1.7717	1.7509
THS/THC		1.1632	1.1623	1.1598	1.1558	1.1505	1.1447	1.1393	1.1354	1.1340

M=10.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.1766	5.2074	5.2953	5.4284	5.5874	5.7483	5.8853	5.9764	6.0081
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2185	0.4072	0.5389	0.5911	0.5508	0.4215	0.2266	0.0000
0.0	A	3.9548	3.9455	3.9190	3.8792	3.8322	3.7856	3.7466	3.7211	3.7122
	RHO	5.8600	5.7916	5.5996	5.3209	5.0064	4.7089	4.4716	4.3213	4.2701
	P	2.6187	2.5760	2.4572	2.2877	2.1007	1.9280	1.7934	1.7096	1.6813
	U	5.1765	5.2390	5.4217	5.7097	6.0780	6.4873	6.8739	7.1539	7.2562
	V	-0.0443	-0.0442	-0.0436	-0.0428	-0.0418	-0.0405	-0.0394	-0.0384	-0.0380
	W	0.0	0.2511	0.4625	0.5998	0.6400	0.5789	0.4338	0.2318	0.0000
0.025	A	3.9548	3.9367	3.8830	3.7957	3.6783	3.5379	3.3929	3.2792	3.2356
	RHO	5.8598	5.8175	5.7042	5.5581	5.4346	5.3915	5.4526	5.5643	5.6203
	P	2.6186	2.5759	2.4573	2.2879	2.1009	1.9282	1.7934	1.7095	1.6812
	U	5.1762	5.2419	5.4329	5.7314	6.1075	6.5161	6.8923	7.1594	7.2560
	V	-0.0882	-0.0878	-0.0867	-0.0851	-0.0830	-0.0807	-0.0784	-0.0765	-0.0757
	W	0.0	0.2686	0.4960	0.6465	0.6965	0.6397	0.4882	0.2647	0.0000
0.050	A	3.9547	3.9355	3.8789	3.7875	3.6663	3.5250	3.3838	3.2761	3.2356
	RHO	5.8592	5.8202	5.7160	5.5823	5.4704	5.4311	5.4817	5.5740	5.6197
	P	2.6182	2.5756	2.4572	2.2879	2.1009	1.9282	1.7933	1.7093	1.6809
	U	5.1752	5.2442	5.4440	5.7533	6.1366	6.5438	6.9096	7.1642	7.2553
	V	-0.1750	-0.1743	-0.1722	-0.1689	-0.1648	-0.1601	-0.1552	-0.1511	-0.1495
	W	0.0	0.2948	0.5460	0.7160	0.7790	0.7253	0.5615	0.3075	0.0000
0.100	A	3.9544	3.9340	3.8738	3.7778	3.6527	3.5108	3.3740	3.2728	3.2353
	RHO	5.8569	5.8220	5.7288	5.6098	5.5106	5.4741	5.5121	5.5829	5.6177
	P	2.6167	2.5743	2.4563	2.2874	2.1006	1.9278	1.7928	1.7085	1.6801
	U	5.1713	5.2438	5.4527	5.7726	6.1626	6.5678	6.9235	7.1667	7.2529
	V	-0.3447	-0.3433	-0.3393	-0.3329	-0.3246	-0.3148	-0.3042	-0.2954	-0.2918
	W	0.0	0.3337	0.6200	0.8175	0.8968	0.8433	0.6583	0.3622	0.0000
0.200	A	3.9532	3.9312	3.8670	3.7656	3.6363	3.4944	3.3627	3.2686	3.2345
	RHO	5.8480	5.8185	5.7398	5.6393	5.5547	5.5197	5.5413	5.5874	5.6102
	P	2.6112	2.5692	2.4523	2.2846	2.0985	1.9258	1.7903	1.7056	1.6770
	U	5.1651	5.2395	5.4535	5.7791	6.1724	6.5765	6.9273	7.1651	7.2491
	V	-0.5089	-0.5069	-0.5010	-0.4917	-0.4792	-0.4641	-0.4477	-0.4339	-0.4284
	W	0.0	0.3636	0.6765	0.8941	0.9837	0.9275	0.7250	0.3989	0.0000
0.300	A	3.9513	3.9283	3.8614	3.7566	3.6250	3.4835	3.3552	3.2654	3.2332
	RHO	5.8338	5.8084	5.7405	5.6532	5.5783	5.5433	5.5532	5.5834	5.5987
	P	2.6023	2.5609	2.4455	2.2794	2.0944	1.9219	1.7861	1.7010	1.6722
	U	5.1568	5.2325	5.4497	5.7791	6.1747	6.5783	6.9263	7.1612	7.2440
	V	-0.6680	-0.6653	-0.6576	-0.6453	-0.6287	-0.6084	-0.5861	-0.5676	-0.5602
	W	0.0	0.3886	0.7234	0.9569	1.0537	0.9939	0.7765	0.4267	0.0000
0.400	A	3.9487	3.9250	3.8560	3.7489	3.6157	3.4747	3.3491	3.2623	3.2314
	RHO	5.8149	5.7930	5.7343	5.6581	5.5909	5.5554	5.5560	5.5740	5.5838
	P	2.5905	2.5498	2.4361	2.2720	2.0884	1.9164	1.7805	1.6949	1.6659
	U	5.1466	5.2232	5.4427	5.7747	6.1720	6.5756	6.9221	7.1554	7.2376
	V	-0.8222	-0.8189	-0.8093	-0.7940	-0.7734	-0.7478	-0.7200	-0.6970	-0.6879
	W	0.0	0.4102	0.7637	1.0104	1.1125	1.0487	0.8182	0.4490	0.0000
0.500	A	3.9456	3.9212	3.8507	3.7417	3.6075	3.4671	3.3435	3.2592	3.2293
	RHO	5.7917	5.7730	5.7226	5.6563	5.5957	5.5596	5.5523	5.5604	5.5658
	P	2.5761	2.5361	2.4244	2.2626	2.0807	1.9094	1.7735	1.6876	1.6584
	U	5.1346	5.2119	5.4331	5.7671	6.1658	6.5697	6.9157	7.1483	7.2302
	V	-0.9719	-0.9680	-0.9565	-0.9382	-0.9134	-0.8829	-0.8498	-0.8226	-0.8119
	W	0.0	0.4293	0.7992	1.0571	1.1633	1.0953	0.8531	0.4674	0.0000
0.600	A	3.9419	3.9170	3.8452	3.7348	3.5999	3.4601	3.3384	3.2560	3.2269
	RHO	5.7645	5.7488	5.7062	5.6489	5.5944	5.5578	5.5436	5.5433	5.5450
	P	2.5592	2.5201	2.4105	2.2513	2.0714	1.9011	1.7652	1.6790	1.6497
	U	5.1212	5.1990	5.4214	5.7569	6.1569	6.5613	6.9074	7.1399	7.2217
	V	-1.1175	-1.1129	-1.0995	-1.0781	-1.0493	-1.0140	-0.9759	-0.9448	-0.9326
	W	0.0	0.4464	0.8308	1.0984	1.2077	1.1354	0.8829	0.4830	0.0000
0.700	A	3.9376	3.9124	3.8395	3.7280	3.5926	3.4535	3.3334	3.2526	3.2242
	RHO	5.7337	5.7209	5.6855	5.6369	5.5880	5.5511	5.5307	5.5231	5.5215
	P	2.5400	2.5019	2.3947	2.2383	2.0605	1.8915	1.7558	1.6694	1.6400
	U	5.1064	5.1845	5.4079	5.7447	6.1457	6.5510	6.8976	7.1304	7.2123
	V	-1.2593	-1.2540	-1.2387	-1.2141	-1.1813	-1.1413	-1.0985	-1.0638	-1.0503
	W	0.0	0.4619	0.8593	1.1354	1.2473	1.1706	0.9086	0.4964	0.0000
0.800	A	3.9329	3.9073	3.8336	3.7212	3.5855	3.4471	3.3284	3.2490	3.2212
	RHO	5.6996	5.6893	5.6609	5.6205	5.5772	5.5400	5.5143	5.5001	5.4957
	P	2.5189	2.4817	2.3770	2.2237	2.0485	1.8808	1.7454	1.6588	1.6292
	U	5.0903	5.1687	5.3928	5.7306	6.1328	6.5391	6.8865	7.1199	7.2020
	V	-1.3977	-1.3917	-1.3742	-1.3465	-1.3097	-1.2652	-1.2181	-1.1801	-1.1654
	W	0.0	0.4760	0.8852	1.1687	1.2822	1.2016	0.9311	0.5079	0.0000
0.900	A	3.9277	3.9018	3.8274	3.7143	3.5785	3.4408	3.3234	3.2452	3.2179
	RHO	5.6621	5.6545	5.6328	5.6003	5.5623	5.5251	5.4945	5.4745	5.4675
	P	2.4957	2.4596	2.3576	2.2075	2.0352	1.8689	1.7339	1.6473	1.6176
	U	5.0731	5.1517	5.3764	5.7150	6.1183	6.5258	6.8743	7.1085	7.1909
	V	-1.5330	-1.5262	-1.5066	-1.4756	-1.4348	-1.3860	-1.3348	-1.2940	-1.2781
	W	0.0	0.4889	0.9088	1.1990	1.3138	1.2293	0.9509	0.5181	0.0000
1.000	A	3.9221	3.8959	3.8210	3.7074	3.5715	3.4346	3.3184	3.2412	3.2143
	RHO	5.6215	5.6164	5.6013	5.5765	5.5438	5.5068	5.4717	5.4463	5.4371
	P	2.4707	2.4357	2.3365	2.1899	2.0205	1.8560	1.7215	1.6347	1.6049
THS/THC		1.1726	1.1715	1.1681	1.1625	1.1548	1.1458	1.1371	1.1306	1.1282

M=10.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.7690	4.8124	4.9367	5.1260	5.3542	5.5875	5.7876	5.9204	5.9663
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.3082	0.5769	0.7695	0.8529	0.8025	0.6160	0.3291	0.0000
0.0	A	4.0560	4.0434	4.0074	3.9530	3.8885	3.8245	3.7716	3.7374	3.7257
	RHO	5.8880	5.7971	5.5433	5.1772	4.7684	4.3887	4.0934	3.9113	3.8502
	P	2.7676	2.7080	2.5435	2.3114	2.0603	1.8341	1.6637	1.5610	1.5270
	U	4.7689	4.8465	5.0736	5.4342	5.9032	6.4461	6.9885	7.3957	7.5461
	V	-0.0455	-0.0453	-0.0446	-0.0435	-0.0422	-0.0408	-0.0392	-0.0376	-0.0369
	W	0.0	0.3414	0.6303	0.8193	0.8734	0.7826	0.5782	0.3070	0.0000
0.025	A	4.0560	4.0346	3.9712	3.8675	3.7253	3.5458	3.3416	3.1685	3.1002
	RHO	5.8878	5.8224	5.6452	5.4096	5.1964	5.1065	5.2150	5.4419	5.5606
	P	2.7674	2.7080	2.5437	2.3118	2.0605	1.8343	1.6638	1.5610	1.5269
	U	4.7686	4.8511	5.0918	5.4707	5.9563	6.5014	7.0253	7.4071	7.5460
	V	-0.0906	-0.0901	-0.0886	-0.0864	-0.0837	-0.0809	-0.0778	-0.0750	-0.0737
	W	0.0	0.3613	0.6680	0.8718	0.9378	0.8567	0.6512	0.3542	0.0000
0.050	A	4.0559	4.0330	3.9652	3.8548	3.7052	3.5217	3.3232	3.1622	3.1001
	RHO	5.8872	5.8265	5.6624	5.4460	5.2539	5.1773	5.2731	5.4630	5.5600
	P	2.7670	2.7077	2.5437	2.3121	2.0608	1.8346	1.6638	1.5608	1.5267
	U	4.7675	4.8554	5.1108	5.5089	6.0095	6.5552	7.0600	7.4172	7.5454
	V	-0.1797	-0.1787	-0.1760	-0.1718	-0.1665	-0.1607	-0.1542	-0.1480	-0.1453
	W	0.0	0.3923	0.7270	0.9540	1.0376	0.9661	0.7511	0.4148	0.0000
0.100	A	4.0556	4.0308	3.9577	3.8395	3.6823	3.4952	3.3036	3.1556	3.0999
	RHO	5.8847	5.8301	5.6828	5.4899	5.3215	5.2566	5.3350	5.4839	5.5580
	P	2.7655	2.7064	2.5432	2.3123	2.0613	1.8348	1.6636	1.5602	1.5259
	U	4.7632	4.8570	5.1279	5.5453	6.0598	6.6037	7.0896	7.4244	7.5432
	V	-0.3538	-0.3520	-0.3470	-0.3392	-0.3291	-0.3170	-0.3025	-0.2887	-0.2828
	W	0.0	0.4399	0.8177	1.0795	1.1869	1.1217	0.8837	0.4910	0.0000
0.200	A	4.0543	4.0272	3.9475	3.8201	3.6542	3.4652	3.2823	3.1481	3.0991
	RHO	5.8755	5.8292	5.7047	5.5423	5.4017	5.3462	5.3996	5.5014	5.5507
	P	2.7594	2.7011	2.5398	2.3109	2.0608	1.8342	1.6621	1.5578	1.5231
	U	4.7563	4.8535	5.1331	5.5609	6.0823	6.6246	7.1008	7.4251	7.5396
	V	-0.5222	-0.5197	-0.5125	-0.5013	-0.4865	-0.4679	-0.4450	-0.4235	-0.4144
	W	0.0	0.4776	0.8893	1.1775	1.3004	1.2347	0.9749	0.5412	0.0000
0.300	A	4.0523	4.0236	3.9394	3.8062	3.6354	3.4460	3.2690	3.1431	3.0978
	RHO	5.8607	5.8210	5.7139	5.5740	5.4520	5.4000	5.4342	5.5053	5.5397
	P	2.7497	2.6925	2.5336	2.3072	2.0587	1.8321	1.6592	1.5539	1.5189
	U	4.7473	4.8466	5.1319	5.5664	6.0920	6.6335	7.1041	7.4227	7.5349
	V	-0.6852	-0.6820	-0.6727	-0.6582	-0.6387	-0.6135	-0.5824	-0.5533	-0.5412
	W	0.0	0.5098	0.9499	1.2595	1.3934	1.3245	1.0448	0.5787	0.0000
0.400	A	4.0495	4.0196	3.9321	3.7946	3.6204	3.4313	3.2589	3.1389	3.0962
	RHO	5.8410	5.8070	5.7151	5.5942	5.4873	5.4363	5.4543	5.5020	5.5254
	P	2.7367	2.6807	2.5247	2.3014	2.0549	1.8287	1.6550	1.5489	1.5134
	U	4.7361	4.8370	5.1263	5.5655	6.0941	6.6351	7.1027	7.4181	7.5290
	V	-0.8432	-0.8392	-0.8277	-0.8098	-0.7857	-0.7540	-0.7149	-0.6789	-0.6639
	W	0.0	0.5380	1.0029	1.3305	1.4725	1.3989	1.1012	0.6084	0.0000
0.500	A	4.0462	4.0152	3.9250	3.7841	3.6077	3.4191	3.2505	3.1350	3.0943
	RHO	5.8168	5.7881	5.7100	5.6062	5.5117	5.4614	5.4650	5.4936	5.5083
	P	2.7209	2.6661	2.5134	2.2937	2.0496	1.8241	1.6498	1.5427	1.5069
	U	4.7232	4.8252	5.1173	5.5599	6.0908	6.6319	7.0980	7.4117	7.5221
	V	-0.9964	-0.9916	-0.9779	-0.9565	-0.9277	-0.8896	-0.8430	-0.8005	-0.7830
	W	0.0	0.5633	1.0501	1.3931	1.5411	1.4621	1.1481	0.6326	0.0000
0.600	A	4.0423	4.0104	3.9180	3.7744	3.5963	3.4085	3.2432	3.1313	3.0921
	RHO	5.7886	5.7648	5.6997	5.6117	5.5285	5.4781	5.4689	5.4812	5.4886
	P	2.7024	2.6491	2.4998	2.2842	2.0433	1.8184	1.6435	1.5355	1.4993
	U	4.7086	4.8114	5.1056	5.5507	6.0834	6.6252	7.0908	7.4041	7.5143
	V	-1.1452	-1.1396	-1.1236	-1.0986	-1.0650	-1.0208	-0.9671	-0.9188	-0.8989
	W	0.0	0.5862	1.0926	1.4490	1.6015	1.5167	1.1878	0.6529	0.0000
0.700	A	4.0378	4.0052	3.9109	3.7652	3.5859	3.3993	3.2365	3.1276	3.0896
	RHO	5.7565	5.7374	5.6846	5.6116	5.5391	5.4883	5.4675	5.4654	5.4666
	P	2.6815	2.6296	2.4842	2.2730	2.0353	1.8116	1.6363	1.5275	1.4909
	U	4.6925	4.7959	5.0917	5.5386	6.0729	6.6157	7.0818	7.3953	7.5055
	V	-1.2900	-1.2835	-1.2650	-1.2364	-1.1980	-1.1479	-1.0876	-1.0339	-1.0120
	W	0.0	0.6071	1.1313	1.4994	1.6554	1.5645	1.2220	0.6701	0.0000
0.800	A	4.0328	3.9996	3.9037	3.7563	3.5761	3.3902	3.2302	3.1239	3.0868
	RHO	5.7210	5.7063	5.6653	5.6066	5.5441	5.4930	5.4615	5.4465	5.4423
	P	2.6583	2.6081	2.4666	2.2602	2.0251	1.8038	1.6282	1.5186	1.4816
	U	4.6752	4.7790	5.0758	5.5241	6.0603	6.6040	7.0712	7.3854	7.4960
	V	-1.4312	-1.4238	-1.4027	-1.3702	-1.3269	-1.2739	-1.2048	-1.1463	-1.1225
	W	0.0	0.6264	1.1668	1.5452	1.7036	1.6066	1.2517	0.6849	0.0000
0.900	A	4.0273	3.9935	3.8963	3.7475	3.5669	3.3820	3.2243	3.1200	3.0838
	RHO	5.6820	5.6717	5.6420	5.5972	5.5444	5.4931	5.4517	5.4251	5.4159
	P	2.6330	2.5844	2.4473	2.2459	2.0154	1.7952	1.6193	1.5089	1.4716
	U	4.6567	4.7607	5.0583	5.5077	6.0453	6.5906	7.0593	7.3747	7.4857
	V	-1.5691	-1.5607	-1.5369	-1.5003	-1.4520	-1.3905	-1.3188	-1.2561	-1.2308
	W	0.0	0.6442	1.1994	1.5871	1.7472	1.6442	1.2776	0.6977	0.0000
1.000	A	4.0213	3.9871	3.8888	3.7389	3.5583	3.3743	3.2185	3.1161	3.0806
	RHO	5.6399	5.6337	5.6150	5.5836	5.5403	5.4890	5.4385	5.4011	5.3873
	P	2.6057	2.5588	2.4261	2.2301	2.0039	1.7856	1.6097	1.4984	1.4607
THS/THC		1.1833	1.1820	1.1781	1.1713	1.1614	1.1490	1.1363	1.1266	1.1230

M=10.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)= 7.0356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.3399	4.3970	4.5608	4.8116	5.1170	5.4335	5.7086	5.8914	5.9537
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.4053	0.7616	1.0239	1.1488	1.0971	0.8494	0.4508	0.0000
0.0	A	4.1513	4.1353	4.0895	4.0109	3.9368	3.8541	3.7867	3.7441	3.7297
	RHO	5.9141	5.8012	5.4868	5.0358	4.5364	4.0794	3.7347	3.5296	3.4623
	P	2.9120	2.8345	2.6217	2.3251	2.0088	1.7313	1.5300	1.4137	1.3761
	U	4.3398	4.4306	4.6959	5.1178	5.6685	6.3286	7.0447	7.6098	7.8199
	V	-0.0468	-0.0465	-0.0456	-0.0443	-0.0426	-0.0411	-0.0392	-0.0370	-0.0359
	W	0.0	0.4358	0.8073	1.0556	1.1312	1.0059	0.7263	0.3818	0.0000
0.025	A	4.1512	4.1273	4.0567	3.9414	3.7831	3.5782	3.3131	3.0631	2.9613
	RHO	5.9139	5.8238	5.5768	5.2402	4.9147	4.7341	4.8792	5.2735	5.4917
	P	2.9118	2.8345	2.6222	2.3259	2.0095	1.7318	1.5302	1.4137	1.3760
	U	4.3395	4.4369	4.7212	5.1703	5.7499	6.4232	7.1111	7.6303	7.8198
	V	-0.0931	-0.0925	-0.0907	-0.0880	-0.0845	-0.0812	-0.0777	-0.0737	-0.0717
	W	0.0	0.4565	0.8459	1.1075	1.1932	1.0822	0.8147	0.4449	0.0000
0.050	A	4.1512	4.1254	4.0491	3.9247	3.7549	3.5391	3.2797	3.0515	2.9613
	RHO	5.9132	5.8289	5.5983	5.2866	4.9907	4.8408	4.9796	5.3135	5.4912
	P	2.9114	2.8343	2.6225	2.3266	2.0104	1.7324	1.5304	1.4136	1.3758
	U	4.3382	4.4433	4.7489	5.2274	5.8353	6.5159	7.1733	7.6488	7.8192
	V	-0.1847	-0.1835	-0.1802	-0.1750	-0.1685	-0.1618	-0.1542	-0.1454	-0.1412
	W	0.0	0.4931	0.9093	1.1949	1.2997	1.2066	0.9401	0.5254	0.0000
0.100	A	4.1508	4.1226	4.0393	3.9039	3.7211	3.4957	3.2448	3.0394	2.9611
	RHO	5.9107	5.8341	5.6255	5.3454	5.0851	4.9644	5.0879	5.3540	5.4892
	P	2.9096	2.8331	2.6225	2.3277	2.0118	1.7333	1.5305	1.4131	1.3751
	U	4.3335	4.4472	4.7760	5.2850	5.9183	6.6014	7.2273	7.6632	7.8171
	V	-0.3634	-0.3613	-0.3552	-0.3460	-0.3344	-0.3209	-0.3032	-0.2832	-0.2738
	W	0.0	0.5439	1.0117	1.3366	1.4708	1.3946	1.1099	0.6252	0.0000
0.200	A	4.1494	4.1181	4.0258	3.8770	3.6797	3.4465	3.2077	3.0267	2.9603
	RHO	5.9010	5.8358	5.6583	5.4213	5.2049	5.1106	5.2050	5.3919	5.4821
	P	2.9029	2.8277	2.6201	2.3282	2.0136	1.7345	1.5301	1.4113	1.3726
	U	4.3260	4.4446	4.7868	5.3126	5.9584	6.6406	7.2500	7.6672	7.8139
	V	-0.5360	-0.5330	-0.5245	-0.5117	-0.4954	-0.4749	-0.4463	-0.4148	-0.4004
	W	0.0	0.5882	1.0956	1.4521	1.6073	1.5359	1.2274	0.6897	0.0000
0.300	A	4.1473	4.1137	4.0152	3.8575	3.6515	3.4155	3.1854	3.0189	2.9592
	RHO	5.8856	5.8295	5.6768	5.4726	5.2866	5.2045	5.2729	5.4081	5.4715
	P	2.8923	2.8186	2.6148	2.3267	2.0141	1.7347	1.5287	1.4082	1.3689
	U	4.3160	4.4380	4.7890	5.3255	5.9789	6.6601	7.2597	7.6666	7.8095
	V	-0.7028	-0.6989	-0.6881	-0.6718	-0.6510	-0.6234	-0.5839	-0.5412	-0.5221
	W	0.0	0.6267	1.1685	1.5514	1.7221	1.6499	1.3173	0.7372	0.0000
0.400	A	4.1444	4.1091	4.0056	3.8413	3.6294	3.3923	3.1693	3.0129	2.9577
	RHO	5.8650	5.8171	5.6864	5.5107	5.3493	5.2738	5.3183	5.4138	5.4580
	P	2.8782	2.8062	2.6068	2.3232	2.0133	1.7339	1.5263	1.4041	1.3642
	U	4.3038	4.4282	4.7853	5.3293	5.9878	6.6684	7.2621	7.6633	7.8040
	V	-0.8642	-0.8594	-0.8462	-0.8264	-0.8013	-0.7663	-0.7162	-0.6631	-0.6397
	W	0.0	0.6611	1.2333	1.6389	1.8213	1.7452	1.3895	0.7742	0.0000
0.500	A	4.1408	4.1040	3.9965	3.8270	3.6108	3.3735	3.1566	3.0079	2.9559
	RHO	5.8398	5.7995	5.6891	5.5394	5.3993	5.3275	5.3500	5.4127	5.4419
	P	2.8609	2.7909	2.5962	2.3179	2.0113	1.7323	1.5231	1.3992	1.3585
	U	4.2896	4.4157	4.7773	5.3265	5.9886	6.6692	7.2598	7.6579	7.7976
	V	-1.0205	-1.0148	-0.9991	-0.9757	-0.9455	-0.9038	-0.8437	-0.7811	-0.7538
	W	0.0	0.6924	1.2918	1.7172	1.9085	1.8265	1.4492	0.8042	0.0000
0.600	A	4.1366	4.0986	3.9877	3.8138	3.5944	3.3577	3.1460	3.0034	2.9539
	RHO	5.8104	5.7773	5.6861	5.5607	5.4399	5.3702	5.3721	5.4067	5.4234
	P	2.8407	2.7728	2.5834	2.3109	2.0081	1.7298	1.5191	1.3934	1.3521
	U	4.2738	4.4011	4.7658	5.3187	5.9836	6.6647	7.2541	7.6510	7.7904
	V	-1.1721	-1.1655	-1.1471	-1.1198	-1.0847	-1.0361	-0.9668	-0.8956	-0.8648
	W	0.0	0.7210	1.3453	1.7880	1.9863	1.8969	1.4995	0.8289	0.0000
0.700	A	4.1318	4.0927	3.9790	3.8016	3.5798	3.3440	3.1368	2.9991	2.9517
	RHO	5.7770	5.7508	5.6779	5.5757	5.4723	5.4042	5.3869	5.3967	5.4028
	P	2.8179	2.7523	2.5684	2.3023	2.0038	1.7266	1.5144	1.3869	1.3449
	U	4.2564	4.3845	4.7514	5.3071	5.9742	6.6563	7.2458	7.6428	7.7823
	V	-1.3195	-1.3118	-1.2906	-1.2592	-1.2193	-1.1636	-1.0857	-1.0069	-0.9731
	W	0.0	0.7475	1.3944	1.8524	2.0554	1.9586	1.5424	0.8497	0.0000
0.800	A	4.1265	4.0865	3.9702	3.7899	3.5664	3.3318	3.1286	2.9951	2.9492
	RHO	5.7401	5.7205	5.6652	5.5853	5.4993	5.4314	5.3959	5.3834	5.3802
	P	2.7927	2.7294	2.5514	2.2921	1.9985	1.7227	1.5091	1.3798	1.3371
	U	4.2377	4.3663	4.7347	5.2923	5.9613	6.6448	7.2356	7.6335	7.7734
	V	-1.4630	-1.4542	-1.4299	-1.3941	-1.3485	-1.2864	-1.2008	-1.1154	-1.0790
	W	0.0	0.7720	1.4397	1.9115	2.1182	2.0131	1.5795	0.8674	0.0000
0.900	A	4.1207	4.0798	3.9614	3.7787	3.5541	3.3208	3.1212	2.9911	2.9465
	RHO	5.6997	5.6865	5.6483	5.5899	5.5203	5.4528	5.4002	5.3673	5.3557
	P	2.7652	2.7043	2.5325	2.2805	1.9923	1.7181	1.5031	1.3720	1.3285
	U	4.2177	4.3467	4.7160	5.2749	5.9455	6.6310	7.2237	7.6234	7.7638
	V	-1.6031	-1.5931	-1.5655	-1.5249	-1.4736	-1.4059	-1.3124	-1.2213	-1.1826
	W	0.0	0.7948	1.4818	1.9660	2.1752	2.0616	1.6118	0.8825	0.0000
1.000	A	4.1144	4.0728	3.9526	3.7679	3.5425	3.3108	3.1144	2.9871	2.9436
	RHO	5.6560	5.6489	5.6273	5.5900	5.5363	5.4693	5.4005	5.3485	5.3292
	P	2.7356	2.6772	2.5118	2.2675	1.9851	1.7128	1.4966	1.3635	1.3193
THS/THC		1.1956	1.1943	1.1902	1.1826	1.1703	1.1548	1.1372	1.1234	1.1182

M=15.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0
	U	9.4966
	V	0.0000
	W	0.0
-0.000	A	5.2880
	RHO	5.9997
	P	2.1304
	U	9.4965
	V	-0.0583
	W	0.0
0.025	A	5.2880
	RHO	5.9995
	P	2.1303
	U	9.4962
	V	-0.1161
	W	0.0
0.050	A	5.2879
	RHO	5.9990
	P	2.1301
	U	9.4952
	V	-0.2301
	W	0.0
0.100	A	5.2875
	RHO	5.9969
	P	2.1290
	U	9.4911
	V	-0.4523
	W	0.0
0.200	A	5.2861
	RHO	5.9889
	P	2.1250
	U	9.4846
	V	-0.6675
	W	0.0
0.300	A	5.2839
	RHO	5.9763
	P	2.1188
	U	9.4759
	V	-0.8762
	W	0.0
0.400	A	5.2809
	RHO	5.9596
	P	2.1105
	U	9.4651
	V	-1.0790
	W	0.0
0.500	A	5.2773
	RHO	5.9391
	P	2.1003
	U	9.4524
	V	-1.2764
	W	0.0
0.600	A	5.2730
	RHO	5.9151
	P	2.0885
	U	9.4380
	V	-1.4690
	W	0.0
0.700	A	5.2682
	RHO	5.8879
	P	2.0751
	U	9.4219
	V	-1.6570
	W	0.0
0.800	A	5.2627
	RHO	5.8577
	P	2.0602
	U	9.4044
	V	-1.8410
	W	0.0
0.900	A	5.2568
	RHO	5.8246
	P	2.0439
	U	9.3855
	V	-2.0214
	W	0.0
1.000	A	5.2503
	RHO	5.7886
	P	2.0262

THS/THC 1.1392

M=15.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=10.5833

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	9.3928	9.3951	9.4020	9.4123	9.4245	9.4366	9.4469	9.4538	9.4562
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0172	0.0317	0.0415	0.0449	0.0415	0.0317	0.0172	0.0000
0.0	A	5.3250	5.3241	5.3217	5.3180	5.3137	5.3094	5.3058	5.3033	5.3025
	RHO	6.0044	5.9996	5.9858	5.9653	5.9412	5.9171	5.8968	5.8832	5.8785
	P	2.1620	2.1596	2.1526	2.1423	2.1302	2.1181	2.1079	2.1012	2.0988
	U	9.3926	9.4004	9.4225	9.4557	9.4952	9.5349	9.5688	9.5915	9.5995
	V	-0.0586	-0.0586	-0.0586	-0.0584	-0.0583	-0.0582	-0.0581	-0.0580	-0.0580
	W	0.0	0.0233	0.0430	0.0561	0.0607	0.0560	0.0428	0.0232	0.0000
0.025	A	5.3249	5.3222	5.3144	5.3025	5.2884	5.2741	5.2618	5.2536	5.2507
	RHO	6.0042	6.0037	6.0021	6.0000	5.9980	5.9964	5.9954	5.9949	5.9948
	P	2.1619	2.1595	2.1526	2.1422	2.1301	2.1180	2.1079	2.1011	2.0987
	U	9.3923	9.4002	9.4223	9.4556	9.4951	9.5348	9.5686	9.5912	9.5992
	V	-0.1167	-0.1167	-0.1165	-0.1164	-0.1161	-0.1158	-0.1156	-0.1155	-0.1155
	W	0.0	0.0258	0.0477	0.0623	0.0674	0.0622	0.0476	0.0258	0.0000
0.050	A	5.3249	5.3221	5.3142	5.3023	5.2882	5.2739	5.2617	5.2535	5.2506
	RHO	6.0037	6.0031	6.0016	5.9996	5.9976	5.9960	5.9949	5.9944	5.9942
	P	2.1616	2.1592	2.1523	2.1420	2.1298	2.1178	2.1076	2.1008	2.0984
	U	9.3913	9.3991	9.4214	9.4547	9.4942	9.5339	9.5676	9.5902	9.5982
	V	-0.2314	-0.2313	-0.2310	-0.2306	-0.2301	-0.2296	-0.2292	-0.2289	-0.2288
	W	0.0	0.0293	0.0541	0.0708	0.0766	0.0708	0.0543	0.0294	0.0000
0.100	A	5.3245	5.3217	5.3138	5.3019	5.2877	5.2735	5.2613	5.2531	5.2502
	RHO	6.0016	6.0011	5.9996	5.9977	5.9957	5.9941	5.9930	5.9923	5.9921
	P	2.1606	2.1581	2.1512	2.1409	2.1289	2.1167	2.1066	2.0998	2.0974
	U	9.3871	9.3950	9.4173	9.4508	9.4904	9.5300	9.5637	9.5863	9.5942
	V	-0.4551	-0.4549	-0.4543	-0.4534	-0.4524	-0.4513	-0.4505	-0.4499	-0.4496
	W	0.0	0.0341	0.0630	0.0824	0.0893	0.0826	0.0633	0.0343	0.0000
0.200	A	5.3230	5.3203	5.3123	5.3004	5.2862	5.2720	5.2598	5.2517	5.2488
	RHO	5.9935	5.9931	5.9917	5.9899	5.9880	5.9863	5.9851	5.9844	5.9842
	P	2.1565	2.1541	2.1472	2.1369	2.1248	2.1128	2.1026	2.0959	2.0935
	U	9.3806	9.3885	9.4108	9.4443	9.4839	9.5236	9.5573	9.5799	9.5878
	V	-0.6717	-0.6714	-0.6705	-0.6692	-0.6675	-0.6660	-0.6646	-0.6637	-0.6633
	W	0.0	0.0375	0.0694	0.0907	0.0984	0.0910	0.0697	0.0378	0.0000
0.300	A	5.3208	5.3180	5.3100	5.2981	5.2839	5.2697	5.2576	5.2495	5.2466
	RHO	5.9809	5.9804	5.9792	5.9774	5.9756	5.9739	5.9727	5.9719	5.9717
	P	2.1501	2.1477	2.1409	2.1306	2.1186	2.1066	2.0965	2.0897	2.0874
	U	9.3717	9.3795	9.4020	9.4356	9.4753	9.5150	9.5487	9.5713	9.5792
	V	-0.8819	-0.8814	-0.8803	-0.8785	-0.8763	-0.8741	-0.8723	-0.8710	-0.8706
	W	0.0	0.0403	0.0745	0.0974	0.1055	0.0977	0.0748	0.0405	0.0000
0.400	A	5.3178	5.3150	5.3070	5.2951	5.2809	5.2667	5.2546	5.2465	5.2437
	RHO	5.9640	5.9636	5.9624	5.9608	5.9590	5.9573	5.9561	5.9553	5.9550
	P	2.1417	2.1392	2.1324	2.1222	2.1103	2.0984	2.0883	2.0816	2.0793
	U	9.3607	9.3686	9.3911	9.4248	9.4645	9.5043	9.5381	9.5607	9.5686
	V	-1.0861	-1.0855	-1.0840	-1.0818	-1.0792	-1.0764	-1.0741	-1.0725	-1.0720
	W	0.0	0.0426	0.0787	0.1030	0.1115	0.1032	0.0791	0.0428	0.0000
0.500	A	5.3141	5.3113	5.3033	5.2914	5.2772	5.2631	5.2510	5.2429	5.2401
	RHO	5.9433	5.9429	5.9419	5.9403	5.9386	5.9370	5.9358	5.9350	5.9347
	P	2.1313	2.1289	2.1221	2.1120	2.1001	2.0883	2.0783	2.0717	2.0693
	U	9.3478	9.3557	9.3783	9.4120	9.4518	9.4917	9.5255	9.5482	9.5561
	V	-1.2849	-1.2842	-1.2824	-1.2798	-1.2765	-1.2733	-1.2705	-1.2687	-1.2680
	W	0.0	0.0445	0.0824	0.1077	0.1167	0.1080	0.0827	0.0448	0.0000
0.600	A	5.3098	5.3070	5.2990	5.2871	5.2729	5.2588	5.2468	5.2387	5.2359
	RHO	5.9192	5.9188	5.9178	5.9164	5.9147	5.9132	5.9120	5.9112	5.9110
	P	2.1191	2.1168	2.1101	2.1001	2.0883	2.0766	2.0667	2.0601	2.0577
	U	9.3331	9.3411	9.3636	9.3975	9.4374	9.4774	9.5113	9.5340	9.5419
	V	-1.4787	-1.4779	-1.4759	-1.4728	-1.4691	-1.4653	-1.4621	-1.4599	-1.4592
	W	0.0	0.0463	0.0855	0.1119	0.1212	0.1121	0.0859	0.0465	0.0000
0.700	A	5.3048	5.3020	5.2941	5.2822	5.2681	5.2539	5.2420	5.2339	5.2311
	RHO	5.8917	5.8914	5.8905	5.8892	5.8877	5.8862	5.8850	5.8843	5.8840
	P	2.1054	2.1031	2.0965	2.0865	2.0749	2.0633	2.0535	2.0469	2.0446
	U	9.3168	9.3248	9.3474	9.3814	9.4214	9.4614	9.4955	9.5181	9.5261
	V	-1.5680	-1.6672	-1.6648	-1.6613	-1.6571	-1.6529	-1.6492	-1.6468	-1.6459
	W	0.0	0.0478	0.0884	0.1156	0.1252	0.1158	0.0887	0.0480	0.0000
0.800	A	5.2993	5.2965	5.2886	5.2767	5.2626	5.2485	5.2366	5.2286	5.2258
	RHO	5.8612	5.8610	5.8601	5.8589	5.8575	5.8562	5.8551	5.8543	5.8541
	P	2.0902	2.0879	2.0813	2.0715	2.0600	2.0485	2.0388	2.0323	2.0301
	U	9.2990	9.3070	9.3297	9.3637	9.4039	9.4441	9.4781	9.5009	9.5089
	V	-1.8533	-1.8524	-1.8498	-1.8458	-1.8412	-1.8364	-1.8323	-1.8296	-1.8286
	W	0.0	0.0492	0.0909	0.1188	0.1288	0.1191	0.0912	0.0494	0.0000
0.900	A	5.2933	5.2905	5.2826	5.2707	5.2565	5.2426	5.2307	5.2227	5.2199
	RHO	5.8278	5.8275	5.8268	5.8257	5.8245	5.8232	5.8222	5.8215	5.8212
	P	2.0735	2.0712	2.0648	2.0551	2.0437	2.0324	2.0228	2.0164	2.0141
	U	9.2799	9.2879	9.3106	9.3447	9.3850	9.4253	9.4595	9.4823	9.4903
	V	-2.0349	-2.0339	-2.0310	-2.0267	-2.0215	-2.0163	-2.0118	-2.0088	-2.0077
	W	0.0	0.0504	0.0932	0.1218	0.1319	0.1220	0.0934	0.0506	0.0000
1.000	A	5.2867	5.2839	5.2760	5.2641	5.2501	5.2361	5.2242	5.2163	5.2135
	RHO	5.7915	5.7913	5.7906	5.7897	5.7885	5.7875	5.7865	5.7858	5.7856
	P	2.0554	2.0532	2.0468	2.0373	2.0261	2.0149	2.0054	1.9991	1.9969
THS/THC		1.1407	1.1406	1.1403	1.1398	1.1393	1.1387	1.1382	1.1379	1.1378

M=15.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=10.5837

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.9675	8.9805	9.0172	9.0722	9.1373	9.2025	9.2577	9.2946	9.3076
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0916	0.1695	0.2218	0.2405	0.2223	0.1701	0.0920	0.0000
0.0	A	5.4696	5.4652	5.4527	5.4341	5.4123	5.3901	5.3715	5.3591	5.3548
	RHO	6.0223	5.9982	5.9300	5.8291	5.7123	5.5973	5.5013	5.4382	5.4163
	P	2.2879	2.2750	2.2389	2.1857	2.1245	2.0649	2.0156	1.9833	1.9721
	U	8.9674	9.0038	9.1084	9.2684	9.4627	9.6634	9.8389	9.9590	10.0016
	V	-0.0599	-0.0598	-0.0595	-0.0590	-0.0584	-0.0577	-0.0572	-0.0568	-0.0566
	W	0.0	0.1179	0.2172	0.2825	0.3043	0.2791	0.2124	0.1145	0.0000
0.025	A	5.4696	5.4574	5.4219	5.3658	5.2983	5.2257	5.1604	5.1148	5.0983
	RHO	6.0221	6.0152	5.9974	5.9759	5.9596	5.9546	5.9604	5.9701	5.9747
	P	2.2878	2.2750	2.2388	2.1857	2.1244	2.0648	2.0155	1.9833	1.9721
	U	8.9672	9.0041	9.1104	9.2720	9.4672	9.6674	9.8412	9.9595	10.0014
	V	-0.1193	-0.1191	-0.1184	-0.1175	-0.1163	-0.1150	-0.1139	-0.1131	-0.1128
	W	0.0	0.1295	0.2390	0.3119	0.3370	0.3109	0.2378	0.1286	0.0000
0.050	A	5.4695	5.4570	5.4209	5.3650	5.2961	5.2236	5.1591	5.1143	5.0982
	RHO	6.0216	6.0153	5.9989	5.9791	5.9639	5.9585	5.9627	5.9704	5.9742
	P	2.2875	2.2747	2.2385	2.1854	2.1242	2.0646	2.0153	1.9830	1.9718
	U	8.9660	9.0036	9.1115	9.2749	9.4713	9.6706	9.8427	9.9593	10.0004
	V	-0.2367	-0.2362	-0.2350	-0.2330	-0.2305	-0.2280	-0.2256	-0.2240	-0.2234
	W	0.0	0.1458	0.2696	0.3529	0.3829	0.3547	0.2723	0.1477	0.0000
0.100	A	5.4691	5.4563	5.4195	5.3628	5.2934	5.2212	5.1574	5.1135	5.0979
	RHO	6.0195	6.0139	5.9992	5.9814	5.9673	5.9615	5.9638	5.9693	5.9721
	P	2.2863	2.2736	2.2375	2.1844	2.1233	2.0637	2.0144	1.9821	1.9709
	U	8.9616	8.9999	9.1094	9.2746	9.4715	9.6707	9.8413	9.9562	9.9967
	V	-0.4660	-0.4651	-0.4624	-0.4584	-0.4534	-0.4480	-0.4431	-0.4397	-0.4385
	W	0.0	0.1687	0.3124	0.4098	0.4459	0.4143	0.3187	0.1731	0.0000
0.200	A	5.4676	5.4545	5.4168	5.3592	5.2894	5.2174	5.1546	5.1118	5.0965
	RHO	6.0112	6.0065	5.9941	5.9787	5.9659	5.9595	5.9596	5.9626	5.9643
	P	2.2820	2.2692	2.2333	2.1805	2.1195	2.0600	2.0108	1.9785	1.9673
	U	8.9545	8.9932	9.1036	9.2698	9.4674	9.6664	9.8364	9.9506	9.9908
	V	-0.6882	-0.6869	-0.6829	-0.6767	-0.6691	-0.6609	-0.6534	-0.6482	-0.6463
	W	0.0	0.1854	0.3436	0.4511	0.4912	0.4567	0.3516	0.1910	0.0000
0.300	A	5.4652	5.4519	5.4137	5.3555	5.2855	5.2137	5.1516	5.1094	5.0944
	RHO	5.9982	5.9941	5.9832	5.9696	5.9578	5.9511	5.9497	5.9512	5.9521
	P	2.2750	2.2624	2.2268	2.1742	2.1135	2.0542	2.0051	1.9728	1.9616
	U	8.9450	8.9839	9.0950	9.2620	9.4600	9.6591	9.8289	9.9427	9.9828
	V	-0.9040	-0.9021	-0.8969	-0.8886	-0.8783	-0.8673	-0.8573	-0.8502	-0.8477
	W	0.0	0.1990	0.3688	0.4842	0.5273	0.4903	0.3774	0.2051	0.0000
0.400	A	5.4621	5.4486	5.4100	5.3515	5.2813	5.2098	5.1481	5.1064	5.0917
	RHO	5.9808	5.9773	5.9677	5.9556	5.9447	5.9378	5.9354	5.9356	5.9360
	P	2.2658	2.2533	2.2180	2.1658	2.1055	2.0465	1.9975	1.9654	1.9542
	U	8.9332	8.9724	9.0839	9.2515	9.4503	9.6494	9.8192	9.9328	9.9729
	V	-1.1136	-1.1114	-1.1048	-1.0945	-1.0816	-1.0678	-1.0553	-1.0465	-1.0433
	W	0.0	0.2104	0.3900	0.5120	0.5574	0.5182	0.3987	0.2166	0.0000
0.500	A	5.4582	5.4446	5.4057	5.3470	5.2767	5.2054	5.1442	5.1029	5.0883
	RHO	5.9595	5.9564	5.9481	5.9373	5.9272	5.9203	5.9171	5.9163	5.9163
	P	2.2545	2.2422	2.2072	2.1555	2.0957	2.0370	1.9883	1.9563	1.9451
	U	8.9194	8.9587	9.0707	9.2389	9.4379	9.6376	9.8075	9.9212	9.9612
	V	-1.3178	-1.3151	-1.3071	-1.2948	-1.2794	-1.2629	-1.2480	-1.2375	-1.2336
	W	0.0	0.2203	0.4083	0.5359	0.5832	0.5420	0.4169	0.2264	0.0000
0.600	A	5.4536	5.4399	5.4009	5.3419	5.2716	5.2006	5.1397	5.0988	5.0844
	RHO	5.9345	5.9319	5.9247	5.9152	5.9060	5.8991	5.8953	5.8937	5.8934
	P	2.2413	2.2291	2.1945	2.1434	2.0842	2.0260	1.9776	1.9457	1.9346
	U	8.9038	8.9432	9.0556	9.2242	9.4237	9.6238	9.7940	9.9079	9.9479
	V	-1.5168	-1.5136	-1.5044	-1.4901	-1.4722	-1.4531	-1.4359	-1.4237	-1.4193
	W	0.0	0.2290	0.4244	0.5568	0.6058	0.5627	0.4326	0.2349	0.0000
0.700	A	5.4484	5.4346	5.3954	5.3364	5.2661	5.1953	5.1348	5.0942	5.0799
	RHO	5.9062	5.9039	5.8978	5.8896	5.8813	5.8746	5.8702	5.8680	5.8674
	P	2.2263	2.2143	2.1802	2.1297	2.0711	2.0134	1.9654	1.9337	1.9226
	U	8.8864	8.9259	9.0387	9.2078	9.4078	9.6084	9.7789	9.8931	9.9331
	V	-1.7112	-1.7076	-1.6971	-1.6808	-1.6605	-1.6388	-1.6193	-1.6056	-1.6007
	W	0.0	0.2368	0.4387	0.5754	0.6257	0.5809	0.4464	0.2423	0.0000
0.800	A	5.4425	5.4287	5.3894	5.3303	5.2601	5.1895	5.1294	5.0891	5.0749
	RHO	5.8746	5.8727	5.8677	5.8607	5.8533	5.8468	5.8421	5.8394	5.8386
	P	2.2097	2.1978	2.1642	2.1145	2.0566	1.9995	1.9519	1.9204	1.9094
	U	8.8674	8.9071	9.0201	9.1898	9.3903	9.5914	9.7624	9.8768	9.9170
	V	-1.9013	-1.8973	-1.8855	-1.8672	-1.8445	-1.8204	-1.7988	-1.7836	-1.7781
	W	0.0	0.2438	0.4515	0.5920	0.6435	0.5971	0.4587	0.2489	0.0000
0.900	A	5.4361	5.4223	5.3829	5.3238	5.2537	5.1833	5.1235	5.0834	5.0694
	RHO	5.8399	5.8385	5.8345	5.8288	5.8223	5.8161	5.8112	5.8081	5.8070
	P	2.1914	2.1798	2.1468	2.0978	2.0407	1.9843	1.9371	1.9059	1.8950
	U	8.8470	8.8868	9.0002	9.1702	9.3713	9.5730	9.7444	9.8592	9.8996
	V	-2.0877	-2.0832	-2.0701	-2.0499	-2.0253	-1.9985	-1.9748	-1.9582	-1.9522
	W	0.0	0.2501	0.4631	0.6070	0.6595	0.6117	0.4697	0.2547	0.0000
1.000	A	5.4291	5.4152	5.3758	5.3167	5.2468	5.1767	5.1171	5.0773	5.0634
	RHO	5.8023	5.8013	5.7984	5.7938	5.7883	5.7825	5.7775	5.7740	5.7727
	P	2.1717	2.1603	2.1279	2.0797	2.0234	1.9677	1.9211	1.8902	1.8794
THS/THC		1.1468	1.1463	1.1449	1.1427	1.1403	1.1372	1.1346	1.1329	1.1323

M=15.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.4139	8.4417	8.5210	8.6403	8.7819	8.9241	9.0447	9.1252	9.1533
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1973	0.3662	0.4814	0.5241	0.4856	0.3715	0.2005	0.0000
0.0	A	5.6428	5.6338	5.6082	5.5698	5.5246	5.4795	5.4416	5.4165	5.4077
	RHO	6.0431	5.9952	5.8600	5.6622	5.4360	5.2180	5.0400	4.9247	4.8850
	P	2.4434	2.4163	2.3404	2.2306	2.1068	1.9895	1.8951	1.8347	1.8140
	U	8.4138	8.4810	8.6763	8.9803	9.3597	9.7654	10.1325	10.3903	10.4832
	V	-0.0616	-0.0614	-0.0608	-0.0599	-0.0587	-0.0574	-0.0562	-0.0553	-0.0549
	W	0.0	0.2399	0.4414	0.5723	0.6124	0.5580	0.4217	0.2263	0.0000
0.025	A	5.6428	5.6216	5.5592	5.4594	5.3296	5.1832	5.0428	4.9394	4.9010
	RHO	6.0430	6.0211	5.9637	5.8936	5.8411	5.8317	5.8684	5.9219	5.9471
	P	2.4433	2.4162	2.3404	2.2306	2.1068	1.9895	1.8951	1.8347	1.8139
	U	8.4136	8.4830	8.6842	8.9950	9.3786	9.7829	10.1433	10.3934	10.4830
	V	-0.1225	-0.1222	-0.1209	-0.1191	-0.1168	-0.1143	-0.1119	-0.1101	-0.1095
	W	0.0	0.2604	0.4805	0.6262	0.6754	0.6218	0.4750	0.2570	0.0000
0.050	A	5.6427	5.6206	5.5559	5.4531	5.3212	5.1749	5.0374	4.9376	4.9009
	RHO	6.0424	6.0224	5.9702	5.9067	5.8592	5.8499	5.8807	5.9255	5.9465
	P	2.4430	2.4159	2.3402	2.2304	2.1067	1.9893	1.8949	1.8344	1.8137
	U	8.4123	8.4842	8.6915	9.0093	9.3969	9.7995	10.1532	10.3958	10.4821
	V	-0.2433	-0.2424	-0.2401	-0.2364	-0.2318	-0.2267	-0.2218	-0.2180	-0.2166
	W	0.0	0.2902	0.5371	0.7035	0.7645	0.7101	0.5470	0.2978	0.0000
0.100	A	5.6422	5.6192	5.5518	5.4458	5.3115	5.1656	5.0312	4.9354	4.9006
	RHO	6.0402	6.0226	5.9765	5.9205	5.8785	5.8690	5.8927	5.9280	5.9445
	P	2.4418	2.4148	2.3392	2.2296	2.1063	1.9886	1.8941	1.8336	1.8128
	U	8.4075	8.4819	8.6954	9.0202	9.4117	9.8125	10.1597	10.3953	10.4787
	V	-0.4794	-0.4778	-0.4731	-0.4658	-0.4563	-0.4455	-0.4352	-0.4273	-0.4243
	W	0.0	0.3331	0.6181	0.8132	0.8885	0.8304	0.6430	0.3512	0.0000
0.200	A	5.6407	5.6164	5.5459	5.4361	5.2995	5.1542	5.0235	4.9322	4.8993
	RHO	6.0317	6.0171	5.9788	5.9322	5.8965	5.8862	5.9014	5.9255	5.9369
	P	2.4370	2.4132	2.3351	2.2261	2.1029	1.9857	1.8911	1.8304	1.8096
	U	8.3997	8.4755	8.6925	9.0211	9.4147	9.8148	10.1590	10.3913	10.4732
	V	-0.7085	-0.7052	-0.6992	-0.6882	-0.6738	-0.6574	-0.6413	-0.6291	-0.6245
	W	0.0	0.3654	0.6786	0.8941	0.9787	0.9161	0.7101	0.3879	0.0000
0.300	A	5.6381	5.6131	5.5406	5.4286	5.2906	5.1459	5.0176	4.9290	4.8974
	RHO	6.0183	6.0058	5.9732	5.9332	5.9018	5.8907	5.9000	5.9170	5.9251
	P	2.4294	2.4029	2.3285	2.2203	2.0977	1.9808	1.8862	1.8254	1.8046
	U	8.3893	8.4660	8.6854	9.0165	9.4116	9.8115	10.1541	10.3847	10.4659
	V	-0.9310	-0.9278	-0.9186	-0.9039	-0.8845	-0.8626	-0.8409	-0.8244	-0.8183
	W	0.0	0.3919	0.7280	0.9597	1.0513	0.9838	0.7624	0.4163	0.0000
0.400	A	5.6348	5.6091	5.5352	5.4215	5.2827	5.1385	5.0121	4.9256	4.8948
	RHO	6.0002	5.9897	5.9618	5.9273	5.8994	5.8877	5.8925	5.9039	5.9096
	P	2.4192	2.3930	2.3195	2.2123	2.0906	1.9741	1.8797	1.8189	1.7980
	U	8.3765	8.4539	8.6749	9.0079	9.4043	9.8044	10.1463	10.3759	10.4568
	V	-1.1472	-1.1433	-1.1318	-1.1134	-1.0893	-1.0617	-1.0346	-1.0141	-1.0064
	W	0.0	0.4145	0.7701	1.0152	1.1115	1.0400	0.8053	0.4394	0.0000
0.500	A	5.6306	5.6045	5.5294	5.4146	5.2752	5.1316	5.0067	4.9218	4.8917
	RHO	5.9781	5.9691	5.9456	5.9160	5.8912	5.8791	5.8801	5.8871	5.8907
	P	2.4067	2.3809	2.3084	2.2024	2.0817	1.9659	1.8717	1.8109	1.7899
	U	8.3615	8.4394	8.6617	8.9942	9.3938	9.7943	10.1361	10.3654	10.4461
	V	-1.3577	-1.3530	-1.3392	-1.3171	-1.2883	-1.2552	-1.2229	-1.1986	-1.1895
	W	0.0	0.4343	0.8069	1.0633	1.1636	1.0878	0.8416	0.4589	0.0000
0.600	A	5.6257	5.5993	5.5233	5.4075	5.2677	5.1247	5.0011	4.9176	4.8880
	RHO	5.9521	5.9447	5.9251	5.9001	5.8782	5.8657	5.8636	5.8668	5.8688
	P	2.3920	2.3667	2.2953	2.1908	2.0713	1.9567	1.8623	1.8016	1.7806
	U	8.3445	8.4227	8.6460	8.9818	9.3805	9.7817	10.1238	10.3532	10.4339
	V	-1.5629	-1.5573	-1.5412	-1.5155	-1.4823	-1.4437	-1.4064	-1.3784	-1.3679
	W	0.0	0.4520	0.8394	1.1057	1.2091	1.1294	0.8728	0.4755	0.0000
0.700	A	5.6201	5.5934	5.5166	5.4001	5.2602	5.1178	4.9954	4.9130	4.8839
	RHO	5.9225	5.9166	5.9008	5.8800	5.8609	5.8486	5.8436	5.8435	5.8441
	P	2.3754	2.3505	2.2804	2.1774	2.0593	1.9451	1.8517	1.7911	1.7701
	U	8.3257	8.4042	8.6283	8.9652	9.3650	9.7671	10.1097	10.3395	10.4203
	V	-1.7631	-1.7568	-1.7383	-1.7090	-1.6708	-1.6274	-1.5854	-1.5540	-1.5423
	W	0.0	0.4678	0.8686	1.1435	1.2495	1.1659	0.9001	0.4900	0.0000
0.800	A	5.6138	5.5869	5.5096	5.3925	5.2525	5.1107	4.9894	4.9080	4.8793
	RHO	5.8896	5.8850	5.8728	5.8562	5.8399	5.8274	5.8203	5.8174	5.8167
	P	2.3569	2.3326	2.2638	2.1625	2.0459	1.9328	1.8399	1.7794	1.7585
	U	8.3052	8.3839	8.6087	8.9466	9.3474	9.7506	10.0941	10.3244	10.4054
	V	-1.9590	-1.9519	-1.9310	-1.8981	-1.8553	-1.8070	-1.7605	-1.7259	-1.7129
	W	0.0	0.4821	0.8949	1.1775	1.2855	1.1983	0.9241	0.5027	0.0000
0.900	A	5.6069	5.5797	5.5020	5.3846	5.2446	5.1034	4.9831	4.9026	4.8743
	RHO	5.8534	5.8502	5.8415	5.8290	5.8153	5.8031	5.7939	5.7885	5.7867
	P	2.3367	2.3129	2.2455	2.1461	2.0312	1.9193	1.8269	1.7667	1.7458
	U	8.2831	8.3621	8.5875	8.9263	9.3282	9.7225	10.0771	10.3081	10.3894
	V	-2.1509	-2.1429	-2.1197	-2.0830	-2.0357	-1.9827	-1.9319	-1.8942	-1.8803
	W	0.0	0.4952	0.9189	1.2083	1.3183	1.2273	0.9456	0.5139	0.0000
1.000	A	5.5994	5.5720	5.4940	5.3763	5.2365	5.0959	4.9765	4.8968	4.8688
	RHO	5.8141	5.8123	5.8069	5.7984	5.7875	5.7756	5.7647	5.7570	5.7542
	P	2.3148	2.2915	2.2257	2.1283	2.0152	1.9045	1.8129	1.7529	1.7321
THS/THC		1.1551	1.1543	1.1517	1.1477	1.1423	1.1365	1.1311	1.1272	1.1258

M=15.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.8347	7.8793	8.0066	8.1992	8.4294	8.6621	8.8602	8.9920	9.0379
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.3162	0.5893	0.7799	0.8553	0.7968	0.6097	0.3278	0.0000
0.0	A	5.8072	5.7934	5.7541	5.6950	5.6252	5.5558	5.4977	5.4596	5.4464
	RHO	6.0626	5.9910	5.7904	5.4990	5.1701	4.8589	4.6105	4.4529	4.3992
	P	2.5962	2.5534	2.4345	2.2648	2.0774	1.9045	1.7696	1.6855	1.6571
	U	7.8346	7.9281	8.2010	8.6316	9.1825	9.7944	10.3716	10.7889	10.9413
	V	-0.0632	-0.0630	-0.0621	-0.0608	-0.0592	-0.0573	-0.0555	-0.0539	-0.0532
	W	0.0	0.3668	0.6750	0.8743	0.9313	0.8410	0.6295	0.3361	0.0000
0.025	A	5.8072	5.7794	5.6970	5.5628	5.3818	5.1648	4.9403	4.7640	4.6965
	RHO	6.0624	6.0200	5.9071	5.7628	5.6487	5.6227	5.7098	5.8482	5.9160
	P	2.5961	2.5533	2.4346	2.2649	2.0775	1.9046	1.7696	1.6854	1.6570
	U	7.8343	7.9324	8.2178	8.6639	9.2260	9.8366	10.3986	10.7971	10.9411
	V	-0.1259	-0.1253	-0.1236	-0.1210	-0.1177	-0.1141	-0.1104	-0.1073	-0.1061
	W	0.0	0.3937	0.7264	0.9460	1.0178	0.9337	0.7120	0.3859	0.0000
0.050	A	5.8070	5.7776	5.6907	5.5502	5.3636	5.1452	4.9265	4.7594	4.6964
	RHO	6.0618	6.0230	5.9199	5.7900	5.6874	5.6655	5.7415	5.8588	5.9154
	P	2.5957	2.5531	2.4344	2.2649	2.0776	1.9046	1.7695	1.6852	1.6568
	U	7.8329	7.9360	8.2345	8.6965	9.2693	9.8777	10.4241	10.8043	10.9402
	V	-0.2499	-0.2488	-0.2455	-0.2403	-0.2338	-0.2263	-0.2187	-0.2123	-0.2097
	W	0.0	0.4339	0.8033	1.0525	1.1441	1.0644	0.8235	0.4509	0.0000
0.100	A	5.8066	5.7753	5.6830	5.5354	5.3427	5.1236	4.9115	4.7543	4.6961
	RHO	6.0595	6.0251	5.9339	5.8199	5.7312	5.7126	5.7749	5.8688	5.9134
	P	2.5944	2.5519	2.4336	2.2645	2.0774	1.9043	1.7690	1.6845	1.6560
	U	7.8276	7.9359	8.2480	8.7259	9.3085	9.9138	10.4451	10.8083	10.9371
	V	-0.4928	-0.4907	-0.4843	-0.4743	-0.4612	-0.4456	-0.4290	-0.4152	-0.4097
	W	0.0	0.4938	0.9170	1.2085	1.3249	1.2451	0.9717	0.5346	0.0000
0.200	A	5.8049	5.7712	5.6726	5.5167	5.3176	5.0985	4.8943	4.7481	4.6949
	RHO	6.0508	6.0222	5.9466	5.8526	5.7799	5.7632	5.8080	5.8748	5.9060
	P	2.5891	2.5471	2.4299	2.2619	2.0754	1.9024	1.7667	1.6818	1.6531
	U	7.8191	7.9304	8.2500	8.7365	9.3242	9.9278	10.4516	10.8067	10.9321
	V	-0.7286	-0.7254	-0.7161	-0.7013	-0.6815	-0.6577	-0.6319	-0.6136	-0.6021
	W	0.0	0.5399	1.0041	1.3265	1.4587	1.3748	1.0744	0.5911	0.0000
0.300	A	5.8023	5.7670	5.6642	5.5031	5.3004	5.0817	4.8829	4.7433	4.6931
	RHO	6.0368	6.0126	5.9486	5.8689	5.8068	5.7904	5.8225	5.8717	5.8946
	P	2.5808	2.5393	2.4235	2.2570	2.0716	1.8988	1.7628	1.6775	1.6486
	U	7.8078	7.9210	8.2455	8.7376	9.3287	9.9315	10.4511	10.8018	10.9254
	V	-0.9575	-0.9533	-0.9410	-0.9215	-0.8951	-0.8629	-0.8281	-0.7994	-0.7881
	W	0.0	0.5786	1.0766	1.4237	1.5671	1.4776	1.1541	0.6341	0.0000
0.400	A	5.7987	5.7622	5.6562	5.4914	5.2862	5.0683	4.8736	4.7388	4.6908
	RHO	6.0181	5.9976	5.9435	5.8759	5.8222	5.8054	5.8273	5.8630	5.8797
	P	2.5696	2.5288	2.4146	2.2500	2.0660	1.8937	1.7576	1.6719	1.6428
	U	7.7939	7.9084	8.2364	8.7326	9.3261	9.9288	10.4462	10.7944	10.9171
	V	-1.1799	-1.1747	-1.1595	-1.1350	-1.1022	-1.0617	-1.0182	-0.9824	-0.9684
	W	0.0	0.6121	1.1392	1.5068	1.6586	1.5628	1.2190	0.6688	0.0000
0.500	A	5.7942	5.7568	5.6483	5.4806	5.2737	5.0567	4.8653	4.7343	4.6879
	RHO	5.9951	5.9780	5.9328	5.8758	5.8294	5.8121	5.8253	5.8500	5.8617
	P	2.5558	2.5157	2.4035	2.2412	2.0588	1.8872	1.7510	1.6650	1.6358
	U	7.7775	7.8931	8.2237	8.7227	9.3184	9.9215	10.4380	10.7851	10.9073
	V	-1.3963	-1.3931	-1.3718	-1.3425	-1.3031	-1.2547	-1.2027	-1.1604	-1.1438
	W	0.0	0.6417	1.1944	1.5795	1.7376	1.6354	1.2736	0.6977	0.0000
0.600	A	5.7890	5.7507	5.6403	5.4702	5.2621	5.0461	4.8576	4.7297	4.6845
	RHO	5.9680	5.9542	5.9172	5.8701	5.8303	5.8124	5.8181	5.8334	5.8409
	P	2.5397	2.5005	2.3904	2.2305	2.0501	1.8794	1.7433	1.6570	1.6277
	U	7.7590	7.8754	8.2079	8.7093	9.3067	9.9107	10.4272	10.7740	10.8960
	V	-1.6071	-1.5998	-1.5784	-1.5443	-1.4983	-1.4422	-1.3822	-1.3338	-1.3149
	W	0.0	0.6683	1.2437	1.6440	1.8071	1.6984	1.3203	0.7222	0.0000
0.700	A	5.7830	5.7441	5.6319	5.4601	5.2512	5.0362	4.8502	4.7248	4.6808
	RHO	5.9372	5.9264	5.8973	5.8594	5.8258	5.8076	5.8064	5.8135	5.8175
	P	2.5214	2.4830	2.3753	2.2182	2.0403	1.8704	1.7345	1.6480	1.6185
	U	7.7386	7.8555	8.1894	8.6927	9.2919	9.8971	10.4142	10.7614	10.8836
	V	-1.8129	-1.8045	-1.7799	-1.7407	-1.6882	-1.6246	-1.5572	-1.5030	-1.4819
	W	0.0	0.6925	1.2883	1.7018	1.8688	1.7537	1.3608	0.7433	0.0000
0.800	A	5.7763	5.7368	5.6233	5.4500	5.2405	5.0266	4.8429	4.7198	4.6766
	RHO	5.9029	5.8950	5.8733	5.8443	5.8166	5.7982	5.7910	5.7908	5.7915
	P	2.5010	2.4636	2.3584	2.2043	2.0285	1.8603	1.7247	1.6380	1.6084
	U	7.7164	7.8337	8.1688	8.6736	9.2744	9.8811	10.3995	10.7475	10.8699
	V	-2.0140	-2.0044	-1.9765	-1.9322	-1.8733	-1.8024	-1.7280	-1.6685	-1.6455
	W	0.0	0.7146	1.3288	1.7542	1.9241	1.8028	1.3965	0.7616	0.0000
0.900	A	5.7689	5.7290	5.6143	5.4398	5.2302	5.0173	4.8356	4.7144	4.6720
	RHO	5.8653	5.8601	5.8457	5.8252	5.8033	5.7847	5.7721	5.7653	5.7632
	P	2.4787	2.4424	2.3397	2.1889	2.0159	1.8492	1.7139	1.6271	1.5974
	U	7.6926	7.8102	8.1461	8.6523	9.2547	9.8631	10.3831	10.7323	10.8551
	V	-2.2109	-2.2031	-2.1688	-2.1193	-2.0539	-1.9759	-1.8950	-1.8307	-1.8059
	W	0.0	0.7348	1.3660	1.8019	1.9743	1.8466	1.4280	0.7778	0.0000
1.000	A	5.7608	5.7205	5.6049	5.4296	5.2199	5.0081	4.8283	4.7088	4.6670
	RHO	5.8244	5.8219	5.8145	5.8023	5.7861	5.7677	5.7501	5.7372	5.7325
	P	2.4545	2.4193	2.3195	2.1721	2.0020	1.8369	1.7022	1.6154	1.5855
THS/THC		1.1644	1.1633	1.1599	1.1542	1.1464	1.1374	1.1286	1.1222	1.1198

M=15.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	7.2280	7.2910	7.4714	7.7461	8.0773	8.4156	8.7057	8.8982	8.9648
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.4472	0.8372	1.1167	1.2373	1.1637	0.8930	0.4774	0.0000
	A	5.9625	5.9438	5.8903	5.8095	5.7135	5.6182	5.5393	5.4881	5.4705
	RHO	6.0809	5.9862	5.7215	5.3396	4.9131	4.5166	4.2081	4.0174	3.9534
	P	2.7452	2.6855	2.5208	2.2884	2.0366	1.8103	1.6396	1.5365	1.5024
0.025	U	7.2278	7.3437	7.6830	8.2219	8.9236	9.7361	10.5459	11.1522	11.3756
	V	-0.0650	-0.0646	-0.0635	-0.0619	-0.0598	-0.0575	-0.0550	-0.0525	-0.0514
	W	0.0	0.4990	0.9204	1.1947	1.2705	1.1355	0.8375	0.4444	0.0000
	A	5.9625	5.9298	5.8328	5.6736	5.4545	5.1766	4.8599	4.5914	4.4854
	RHO	6.0807	6.0145	5.8353	5.5993	5.3918	5.3208	5.4670	5.7398	5.8806
	P	2.7451	2.6855	2.5210	2.2888	2.0370	1.8106	1.6397	1.5365	1.5023
0.050	U	7.2275	7.3507	7.7102	8.2764	9.0018	9.8172	10.5995	11.1685	11.3754
	V	-0.1293	-0.1286	-0.1264	-0.1230	-0.1188	-0.1142	-0.1093	-0.1047	-0.1027
	W	0.0	0.5298	0.9787	1.2755	1.3697	1.2489	0.9483	0.5156	0.0000
	A	5.9623	5.9273	5.8236	5.6541	5.4238	5.1400	4.8321	4.5820	4.4853
	RHO	6.0801	6.0189	5.8539	5.6386	5.4539	5.3974	5.5302	5.7630	5.8800
	P	2.7447	2.6853	2.5210	2.2890	2.0374	1.8108	1.6397	1.5364	1.5021
0.100	U	7.2259	7.3573	7.7387	8.3333	9.0812	9.8965	10.6504	11.1835	11.3747
	V	-0.2568	-0.2554	-0.2512	-0.2446	-0.2363	-0.2270	-0.2165	-0.2069	-0.2027
	W	0.0	0.5775	1.0696	1.4020	1.5233	1.4162	1.1002	0.6076	0.0000
	A	5.9619	5.9240	5.8120	5.6307	5.3883	5.0996	4.8024	4.5719	4.4850
	RHO	6.0778	6.0230	5.8760	5.6861	5.5272	5.4839	5.5982	5.7863	5.8780
	P	2.7432	2.6841	2.5205	2.2892	2.0378	1.8110	1.6395	1.5358	1.5014
0.200	U	7.2201	7.3602	7.7649	8.3883	9.1568	9.9692	10.6947	11.1946	11.3718
	V	-0.5065	-0.5038	-0.4959	-0.4836	-0.4675	-0.4481	-0.4252	-0.4039	-0.3948
	W	0.0	0.6509	1.2093	1.5954	1.7524	1.6546	1.3030	0.7240	0.0000
	A	5.9601	5.9186	5.7964	5.6009	5.3455	5.0535	4.7696	4.5605	4.4839
	RHO	6.0687	6.0229	5.9003	5.7434	5.6153	5.5826	5.6705	5.8066	5.8708
	P	2.7375	2.6791	2.5174	2.2879	2.0374	1.8104	1.6381	1.5336	1.4988
0.300	U	7.2108	7.3559	7.7736	8.4127	9.1914	10.0014	10.7123	11.1964	11.3673
	V	-0.7487	-0.7448	-0.7334	-0.7156	-0.6921	-0.6622	-0.6263	-0.5931	-0.5791
	W	0.0	0.7092	1.3199	1.7466	1.9273	1.8287	1.4433	0.8012	0.0000
	A	5.9572	5.9132	5.7842	5.5796	5.3166	5.0239	4.7491	4.5529	4.4822
	RHO	6.0542	6.0153	5.9115	5.7788	5.6703	5.6429	5.7102	5.8125	5.8598
	P	2.7283	2.6709	2.5115	2.2845	2.0355	1.8086	1.6354	1.5300	1.4949
0.400	U	7.1984	7.3468	7.7732	8.4223	9.2074	10.0159	10.7185	11.1937	11.3611
	V	-0.9837	-0.9786	-0.9638	-0.9406	-0.9095	-0.8692	-0.8204	-0.7756	-0.7570
	W	0.0	0.7590	1.4136	1.8736	2.0714	1.9677	1.5516	0.8593	0.0000
	A	5.9534	5.9074	5.7732	5.5618	5.2935	5.0012	4.7336	4.5467	4.4800
	RHO	6.0347	6.0020	5.9144	5.8022	5.7106	5.6845	5.7343	5.8107	5.8456
	P	2.7161	2.6598	2.5032	2.2792	2.0320	1.8055	1.6316	1.5253	1.4898
0.500	U	7.1832	7.3339	7.7663	8.4225	9.2120	10.0199	10.7176	11.1880	11.3535
	V	-1.2119	-1.2056	-1.1873	-1.1587	-1.1199	-1.0693	-1.0079	-0.9523	-0.9294
	W	0.0	0.8028	1.4960	1.9837	2.1943	2.0835	1.6395	0.9056	0.0000
	A	5.9487	5.9011	5.7626	5.5459	5.2739	4.9824	4.7208	4.5410	4.4774
	RHO	6.0108	5.9836	5.9108	5.8171	5.7395	5.7142	5.7484	5.8034	5.8285
	P	2.7010	2.6459	2.4925	2.2720	2.0272	1.8013	1.6268	1.5196	1.4837
0.600	U	7.1654	7.3178	7.7545	8.4158	9.2088	10.0168	10.7122	11.1800	11.3445
	V	-1.4338	-1.4262	-1.4044	-1.3701	-1.3237	-1.2629	-1.1896	-1.1239	-1.0970
	W	0.0	0.8421	1.5694	2.0812	2.3013	2.1823	1.7129	0.9436	0.0000
	A	5.9431	5.8942	5.7521	5.5311	5.2564	4.9661	4.7096	4.5355	4.4744
	RHO	5.9826	5.9607	5.9018	5.8252	5.7602	5.7350	5.7552	5.7919	5.8088
	P	2.6833	2.6296	2.4796	2.2630	2.0213	1.7960	1.6210	1.5130	1.4767
0.700	U	7.1453	7.2989	7.7388	8.4039	9.1997	10.0086	10.7032	11.1701	11.3342
	V	-1.5498	-1.6439	-1.6154	-1.5753	-1.5212	-1.4504	-1.3660	-1.2909	-1.2603
	W	0.0	0.8777	1.6357	2.1685	2.3963	2.2680	1.7755	0.9756	0.0000
	A	5.9367	5.8866	5.7415	5.5171	5.2404	4.9514	4.6995	4.5302	4.4710
	RHO	5.9506	5.9337	5.8879	5.8276	5.7741	5.7489	5.7562	5.7768	5.7867
	P	2.6632	2.6110	2.4647	2.2525	2.0135	1.7897	1.6143	1.5054	1.4689
0.800	U	7.1231	7.2777	7.7198	8.3877	9.1860	9.9962	10.6914	11.1586	11.3228
	V	-1.8604	-1.8502	-1.8207	-1.7746	-1.7127	-1.6323	-1.5373	-1.4538	-1.4198
	W	0.0	0.9104	1.6961	2.2475	2.4805	2.3433	1.8295	1.0029	0.0000
	A	5.9296	5.8785	5.7308	5.5036	5.2255	4.9380	4.6901	4.5248	4.4672
	RHO	5.9149	5.9028	5.8697	5.8248	5.7824	5.7569	5.7525	5.7587	5.7623
	P	2.6409	2.5903	2.4480	2.2404	2.0053	1.7826	1.6068	1.4971	1.4602
0.900	U	7.0991	7.2543	7.6980	8.3681	9.1686	9.9808	10.6774	11.1456	11.3103
	V	-2.0662	-2.0545	-2.0208	-1.9685	-1.8986	-1.8089	-1.7041	-1.6129	-1.5760
	W	0.0	0.9404	1.7516	2.3194	2.5566	2.4101	1.8767	1.0266	0.0000
	A	5.9217	5.8698	5.7199	5.4904	5.2115	4.9255	4.6812	4.5193	4.4631
	RHO	5.8758	5.8683	5.8474	5.8174	5.7856	5.7600	5.7446	5.7377	5.7357
	P	2.6164	2.5675	2.4294	2.2268	1.9953	1.7745	1.5985	1.4881	1.4508
1.000	U	7.0734	7.2289	7.6738	8.3456	9.1482	9.9626	10.6616	11.1315	11.2967
	V	-2.2676	-2.2543	-2.2163	-2.1573	-2.0793	-1.9806	-1.8668	-1.7686	-1.7292
	W	0.0	0.9683	1.8028	2.3853	2.6255	2.4697	1.9182	1.0471	0.0000
	A	5.9131	5.8604	5.7088	5.4774	5.1980	4.9137	4.6726	4.5137	4.4586
	RHO	5.8333	5.8303	5.8212	5.8057	5.7843	5.7587	5.7332	5.7141	5.7070
	P	2.5900	2.5427	2.4091	2.2118	1.9846	1.7656	1.5895	1.4783	1.4406
THS/THC		1.1748	1.1735	1.1695	1.1626	1.1526	1.1402	1.1274	1.1178	1.1142

M=15.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	6.5906	6.6736	6.9118	7.2766	7.7209	8.1809	8.5806	8.8459	8.9366
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.5894	1.1078	1.4892	1.6706	1.5944	1.2333	0.6551	0.0000
	A	6.1084	6.0847	6.0166	5.9132	5.7895	5.6661	5.5653	5.5014	5.4797
	RHO	6.0986	5.9812	5.6539	5.1843	4.6642	4.1880	3.8283	3.6137	3.5431
	P	2.8896	2.8120	2.5990	2.3019	1.9852	1.7073	1.5057	1.3888	1.3510
0.025	U	6.5904	6.7258	7.1217	7.7518	8.5758	9.5654	10.6353	11.4748	11.7861
	V	-0.0669	-0.0664	-0.0651	-0.0630	-0.0604	-0.0579	-0.0549	-0.0514	-0.0497
	W	0.0	0.6374	1.1798	1.5399	1.6453	1.4573	1.0495	0.5515	0.0000
	A	6.1084	6.0720	5.9642	5.7878	5.5440	5.2264	4.8142	4.4259	4.2682
	RHO	6.0984	6.0064	5.7546	5.4132	5.0883	4.9236	5.1166	5.5833	5.8397
	P	2.8895	2.8121	2.5994	2.3027	1.9859	1.7078	1.5058	1.3888	1.3509
0.050	U	6.5900	6.7354	7.1598	7.8304	8.6968	9.7041	10.7314	11.5043	11.7859
	V	-0.1331	-0.1321	-0.1294	-0.1252	-0.1199	-0.1145	-0.1087	-0.1024	-0.0993
	W	0.0	0.6696	1.2396	1.6206	1.7417	1.5753	1.1840	0.6465	0.0000
	A	6.1083	6.0690	5.9525	5.7620	5.5008	5.1669	4.7638	4.4085	4.2681
	RHO	6.0978	6.0119	5.7778	5.4632	5.1704	5.0390	5.2258	5.6271	5.8392
	P	2.8891	2.8118	2.5997	2.3033	1.9867	1.7083	1.5060	1.3887	1.3508
0.100	U	6.5883	6.7452	7.2014	7.9157	8.8232	9.8408	10.8225	11.5313	11.7852
	V	-0.2642	-0.2624	-0.2573	-0.2493	-0.2391	-0.2282	-0.2158	-0.2021	-0.1956
	W	0.0	0.7216	1.3378	1.7557	1.9080	1.7661	1.3747	0.7684	0.0000
	A	6.1078	6.0648	5.9374	5.7301	5.4490	5.1006	4.7107	4.3903	4.2678
	RHO	6.0953	6.0178	5.8072	5.5268	5.2725	5.1734	5.3448	5.6722	5.8372
	P	2.8874	2.8107	2.5997	2.3043	1.9879	1.7091	1.5061	1.3883	1.3501
0.200	U	6.5819	6.7516	7.2427	8.0026	8.9482	9.9683	10.9027	11.5529	11.7825
	V	-0.5207	-0.5173	-0.5080	-0.4935	-0.4753	-0.4531	-0.4249	-0.3940	-0.3798
	W	0.0	0.8048	1.4960	1.9745	2.1698	2.0545	1.6341	0.9205	0.0000
	A	6.1059	6.0580	5.9167	5.6886	5.3853	5.0251	4.6538	4.3709	4.2668
	RHO	6.0858	6.0234	5.8431	5.6090	5.4027	5.3337	5.4752	5.7157	5.8302
	P	2.8811	2.8057	2.5975	2.3049	1.9897	1.7103	1.5058	1.3866	1.3478
0.300	U	6.5716	6.7489	7.2599	8.0450	9.0092	10.0278	10.9374	11.5597	11.7784
	V	-0.7692	-0.7644	-0.7512	-0.7309	-0.7045	-0.6715	-0.6261	-0.5776	-0.5559
	W	0.0	0.8733	1.6259	2.1531	2.3805	2.2723	1.8148	1.0198	0.0000
	A	6.1028	6.0515	5.9005	5.6586	5.3419	4.9771	4.6194	4.3589	4.2652
	RHO	6.0707	6.0150	5.8641	5.6653	5.4924	5.4380	5.5522	5.7354	5.8196
	P	2.8711	2.7971	2.5925	2.3035	1.9902	1.7105	1.5045	1.3838	1.3444
0.400	U	6.5580	6.7403	7.2646	8.0659	9.0416	10.0586	10.9532	11.5599	11.7727
	V	-1.0100	-1.0039	-0.9868	-0.9608	-0.9270	-0.8823	-0.8199	-0.7544	-0.7254
	W	0.0	0.9330	1.7388	2.3070	2.5584	2.4490	1.9541	1.0934	0.0000
	A	6.0987	6.0446	5.8860	5.6336	5.3076	4.9410	4.5944	4.3499	4.2633
	RHO	6.0504	6.0034	5.8760	5.7079	5.5621	5.5159	5.6049	5.7438	5.8061
	P	2.8577	2.7854	2.5850	2.3004	1.9896	1.7100	1.5024	1.3801	1.3401
0.500	U	6.5413	6.7271	7.2608	8.0733	9.0567	10.0727	10.9583	11.5561	11.7658
	V	-1.2436	-1.2361	-1.2151	-1.1833	-1.1419	-1.0858	-1.0067	-0.9251	-0.8896
	W	0.0	0.9864	1.8394	2.4429	2.7128	2.5973	2.0668	1.1513	0.0000
	A	6.0937	6.0373	5.8722	5.6116	5.2786	4.9117	4.5746	4.3423	4.2609
	RHO	6.0254	5.9865	5.8808	5.7407	5.6185	5.5773	5.6425	5.7448	5.7900
	P	2.8412	2.7708	2.5751	2.2956	1.9879	1.7086	1.4995	1.3755	1.3348
0.600	U	6.5218	6.7102	7.2506	8.0711	9.0600	10.0758	10.9565	11.5495	11.7576
	V	-1.4704	-1.4615	-1.4364	-1.3987	-1.3495	-1.2819	-1.1871	-1.0907	-1.0491
	W	0.0	1.0350	1.9305	2.5649	2.8483	2.7246	2.1604	1.1985	0.0000
	A	6.0878	6.0294	5.8589	5.5914	5.2532	4.8871	4.5582	4.3356	4.2582
	RHO	5.9961	5.9649	5.8797	5.7659	5.6653	5.6268	5.6697	5.7404	5.7715
	P	2.8219	2.7536	2.5630	2.2891	1.9852	1.7065	1.4959	1.3702	1.3289
0.700	U	6.4999	6.6902	7.2353	8.0616	9.0547	10.0712	10.9498	11.5408	11.7482
	V	-1.5911	-1.6806	-1.6512	-1.6071	-1.5498	-1.4709	-1.3613	-1.2515	-1.2045
	W	0.0	1.0796	2.0138	2.6755	2.9703	2.8353	2.2398	1.2377	0.0000
	A	6.0810	6.0208	5.8458	5.5726	5.2305	4.8656	4.5439	4.3293	4.2551
	RHO	5.9628	5.9389	5.8733	5.7846	5.7035	5.6672	5.6890	5.7318	5.7508
	P	2.7999	2.7338	2.5487	2.2811	1.9814	1.7037	1.4916	1.3642	1.3272
0.800	U	6.4758	6.6673	7.2158	8.0462	9.0427	10.0607	10.9393	11.5303	11.7377
	V	-1.9060	-1.8938	-1.8599	-1.8091	-1.7436	-1.6534	-1.5301	-1.4080	-1.3563
	W	0.0	1.1208	2.0905	2.7765	3.0795	2.9328	2.3080	1.2708	0.0000
	A	6.0734	6.0117	5.8327	5.5547	5.2097	4.8466	4.5314	4.3233	4.2517
	RHO	5.9258	5.9089	5.8623	5.7977	5.7354	5.7002	5.7021	5.7198	5.7281
	P	2.7756	2.7118	2.5325	2.2716	1.9767	1.7003	1.4868	1.3576	1.3149
0.900	U	6.4498	6.6421	7.1929	8.0263	9.0256	10.0457	10.9260	11.5183	11.7263
	V	-2.1157	-2.1018	-2.0629	-2.0051	-1.9335	-1.8296	-1.6936	-1.5609	-1.5048
	W	0.0	1.1591	2.1615	2.8693	3.1787	3.0194	2.3672	1.2992	0.0000
	A	6.0651	6.0020	5.8195	5.5376	5.1905	4.8295	4.5200	4.3175	4.2481
	RHO	5.8851	5.8751	5.8468	5.8056	5.7614	5.7270	5.7100	5.7046	5.7033
	P	2.7490	2.6876	2.5145	2.2607	1.9711	1.6962	1.4814	1.3504	1.3070
1.000	U	6.4220	6.6148	7.1670	8.0024	9.0042	10.0272	10.9104	11.5050	11.7139
	V	-2.3208	-2.3050	-2.2608	-2.1953	-2.1115	-1.9998	-1.8522	-1.7102	-1.6505
	W	0.0	1.1948	2.2275	2.9551	3.2690	3.0967	2.4190	1.3236	0.0000
	A	6.0559	5.9917	5.8062	5.5210	5.1726	4.8139	4.5095	4.3118	4.2441
	RHO	5.8411	5.8376	5.8271	5.8088	5.7822	5.7486	5.7136	5.6867	5.6767
	P	2.7202	2.6613	2.4945	2.2484	1.9645	1.6916	1.4754	1.3425	1.2984
THS/THC		1.1867	1.1854	1.1811	1.1734	1.1614	1.1453	1.1278	1.1141	1.1090

M=15.0, THC=45.0, ALPHA/THC=0.30, GAMMA=1.4, BETA*SIN(THC)=10.5830

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.9173	6.0218	6.3223	6.7845	7.3527	7.9507	8.4810	8.8357	8.9551
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.7421	1.3993	1.8942	2.1521	2.0950	1.6477	0.8714	0.0000
0.0	A	6.2448	6.2160	6.1330	6.0063	5.8531	5.6988	5.5745	5.4989	5.4737
	RHO	6.1163	5.9763	5.5880	5.0340	4.4239	3.8707	3.4666	3.2377	3.1644
	P	3.0287	2.9322	2.6690	2.3061	1.9245	1.5963	1.3679	1.2432	1.2039
	U	5.9171	6.0700	6.5150	7.2219	8.1431	9.2433	10.5986	11.7464	12.1719
	V	-0.0690	-0.0684	-0.0668	-0.0643	-0.0609	-0.0582	-0.0552	-0.0505	-0.0479
	W	0.0	0.7827	1.4551	1.9147	2.0730	1.8425	1.2766	0.6572	0.0000
0.025	A	6.2447	6.2053	6.0889	5.9025	5.6396	5.3203	4.8269	4.2750	4.0458
	RHO	6.1158	5.9972	5.6709	5.2156	4.7684	4.4434	4.6244	5.3571	5.7920
	P	3.0285	2.9324	2.6698	2.3074	1.9259	1.5971	1.3682	1.2432	1.2039
	U	5.9167	6.0819	6.5628	7.3238	8.3057	9.4634	10.7640	11.7968	12.1718
	V	-0.1373	-0.1361	-0.1328	-0.1279	-0.1213	-0.1144	-0.1087	-0.1006	-0.0959
	W	0.0	0.8140	1.5115	1.9864	2.1503	1.9338	1.4210	0.7784	0.0000
0.050	A	6.2446	6.2019	6.0760	5.8716	5.5884	5.2351	4.7402	4.2446	4.0457
	RHO	6.1151	6.0035	5.6964	5.2734	4.8595	4.5915	4.7963	5.4338	5.7914
	P	3.0281	2.9323	2.6704	2.3086	1.9271	1.5979	1.3685	1.2432	1.2037
	U	5.9148	6.0948	6.6179	7.4392	8.4855	9.6840	10.9198	11.8431	12.1712
	V	-0.2724	-0.2701	-0.2639	-0.2546	-0.2413	-0.2292	-0.2165	-0.1985	-0.1886
	W	0.0	0.8671	1.6100	2.1186	2.3042	2.1207	1.6434	0.9337	0.0000
0.100	A	6.2441	6.1971	6.0583	5.8320	5.5233	5.1366	4.6499	4.2134	4.0455
	RHO	6.1125	6.0107	5.7313	5.3501	4.9816	4.7742	4.9861	5.5136	5.7895
	P	3.0263	2.9312	2.6711	2.3108	1.9296	1.5996	1.3690	1.2429	1.2032
	U	5.9076	6.1049	6.6759	7.5626	8.6718	9.8925	11.0571	11.8807	12.1688
	V	-0.5359	-0.5318	-0.5207	-0.5043	-0.4828	-0.4596	-0.4288	-0.3864	-0.3648
	W	0.0	0.9563	1.7782	2.3485	2.5795	2.4402	1.9603	1.1258	0.0000
0.200	A	6.2420	6.1891	6.0329	5.7794	5.4385	5.0223	4.5650	4.1812	4.0445
	RHO	6.1025	6.0157	5.7778	5.4553	5.1494	5.0039	5.1990	5.5933	5.7826
	P	3.0193	2.9261	2.6703	2.3138	1.9341	1.6027	1.3698	1.2417	1.2012
	U	5.8962	6.1039	6.7032	7.6267	8.7677	9.9932	11.1184	11.8946	12.1649
	V	-0.7907	-0.7853	-0.7695	-0.7469	-0.7182	-0.6848	-0.6336	-0.5656	-0.5325
	W	0.0	1.0325	1.9225	2.5466	2.8158	2.6976	2.1854	1.2493	0.0000
0.300	A	6.2388	6.1815	6.0127	5.7405	5.3792	4.9492	4.4993	4.1625	4.0431
	RHO	6.0866	6.0123	5.8086	5.5328	5.2738	5.1619	5.3297	5.6342	5.7725
	P	3.0083	2.9173	2.6667	2.3152	1.9378	1.6056	1.3701	1.2397	1.1982
	U	5.8810	6.0958	6.7142	7.6626	8.8223	10.0483	11.1490	11.8987	12.1598
	V	-1.0370	-1.0297	-1.0100	-0.9816	-0.9463	-0.9026	-0.8303	-0.7375	-0.6936
	W	0.0	1.1006	2.0515	2.7228	3.0229	2.9125	2.3599	1.3396	0.0000
0.400	A	6.2344	6.1736	5.9947	5.7079	5.3317	4.8945	4.4599	4.1493	4.0413
	RHO	6.0654	6.0025	5.8300	5.5956	5.3765	5.2862	5.4235	5.6576	5.7598
	P	2.9936	2.9051	2.6604	2.3150	1.9408	1.6081	1.3699	1.2369	1.1945
	U	5.8626	6.0824	6.7142	7.6788	8.8519	10.0777	11.1631	11.8974	12.1534
	V	-1.2755	-1.2666	-1.2426	-1.2083	-1.1665	-1.1122	-1.0192	-0.9031	-0.8494
	W	0.0	1.1628	2.1688	2.8820	3.2073	3.0959	2.5008	1.4096	0.0000
0.500	A	6.2290	6.1651	5.9777	5.6791	5.2915	4.8507	4.4295	4.1389	4.0392
	RHO	6.0393	5.9872	5.8439	5.6483	5.4649	5.3893	5.4953	5.6705	5.7447
	P	2.9756	2.8898	2.6517	2.3132	1.9431	1.6102	1.3692	1.2335	1.1901
	U	5.8412	6.0647	6.7061	7.6825	8.8644	10.0902	11.1665	11.8926	12.1459
	V	-1.5068	-1.4962	-1.4676	-1.4272	-1.3785	-1.3133	-1.2305	-1.0632	-1.0005
	W	0.0	1.2201	2.2767	3.0275	3.3724	3.2550	2.6176	1.4659	0.0000
0.600	A	6.2227	6.1561	5.9613	5.6528	5.2564	4.8142	4.4051	4.1302	4.0367
	RHO	6.0087	5.9670	5.8517	5.6930	5.5425	5.4776	5.5519	5.6761	5.7275
	P	2.9546	2.8716	2.6407	2.3100	1.9446	1.6121	1.3681	1.2295	1.1852
	U	5.8172	6.0433	6.6915	7.6763	8.8646	10.0919	11.1629	11.8850	12.1373
	V	-1.7313	-1.7139	-1.6855	-1.6386	-1.5824	-1.5061	-1.3747	-1.2184	-1.1478
	W	0.0	1.2734	2.3766	3.1613	3.5221	3.3946	2.7161	1.5121	0.0000
0.700	A	6.2155	6.1466	5.9453	5.6284	5.2251	4.7830	4.3848	4.1226	4.0341
	RHO	5.9741	5.9423	5.8540	5.7310	5.6118	5.5545	5.5976	5.6763	5.7084
	P	2.9307	2.8508	2.6275	2.3054	1.9455	1.6136	1.3666	1.2251	1.1796
	U	5.7909	6.0188	6.6717	7.6623	8.8552	10.0832	11.1541	11.8755	12.1278
	V	-1.9497	-1.9354	-1.8968	-1.8426	-1.7784	-1.6909	-1.5424	-1.3691	-1.2915
	W	0.0	1.3232	2.4697	3.2850	3.6585	3.5180	2.8003	1.5508	0.0000
0.800	A	6.2075	6.1364	5.9294	5.6054	5.1969	4.7560	4.3674	4.1157	4.0311
	RHO	5.9356	5.9135	5.8514	5.7631	5.6739	5.6224	5.6348	5.6723	5.6875
	P	2.9043	2.8276	2.6124	2.2994	1.9459	1.6149	1.3649	1.2201	1.1736
	U	5.7626	5.9916	6.6475	7.6421	8.8385	10.0689	11.1414	11.8643	12.1173
	V	-2.1625	-2.1461	-2.1019	-2.0399	-1.9668	-1.8679	-1.7038	-1.5158	-1.4323
	W	0.0	1.3699	2.5568	3.4000	3.7833	3.6279	2.8729	1.5834	0.0000
0.900	A	6.1987	6.1257	5.9136	5.5835	5.1713	4.7322	4.3524	4.1094	4.0279
	RHO	5.8934	5.8807	5.8441	5.7899	5.7297	5.6830	5.6654	5.6647	5.6649
	P	2.8755	2.8021	2.5952	2.2921	1.9455	1.6163	1.3628	1.2147	1.1671
	U	5.7325	5.9621	6.6197	7.6167	8.8160	10.0495	11.1257	11.8518	12.1060
	V	-2.3703	-2.3518	-2.3013	-2.2338	-2.1481	-2.0375	-1.8593	-1.6589	-1.5703
	W	0.0	1.4138	2.6384	3.5071	3.8983	3.7265	2.9360	1.6113	0.0000
1.000	A	6.1890	6.1143	5.8978	5.5625	5.1472	4.7110	4.3392	4.1034	4.0244
	RHO	5.8478	5.8441	5.8324	5.8116	5.7801	5.7375	5.6907	5.6541	5.6405
	P	2.8444	2.7744	2.5762	2.2835	1.9445	1.6170	1.3606	1.2089	1.1600
THS/THC		1.2007	1.1994	1.1952	1.1870	1.1735	1.1539	1.1304	1.1114	1.1042

M=20.0, THC=45.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0
	U	12.6905
	V	0.0000
	W	0.0
-0.000	A	6.9850
	RHO	6.0899
	P	2.1224
	U	12.6904
	V	-0.0762
	W	0.0
0.025	A	6.9850
	RHO	6.0897
	P	2.1223
	U	12.6901
	V	-0.1517
	W	0.0
0.050	A	6.9848
	RHO	6.0892
	P	2.1220
	U	12.6887
	V	-0.3007
	W	0.0
0.100	A	6.9844
	RHO	6.0871
	P	2.1210
	U	12.6835
	V	-0.5914
	W	0.0
0.200	A	6.9825
	RHO	6.0791
	P	2.1171
	U	12.6752
	V	-0.8731
	W	0.0
0.300	A	6.9796
	RHO	6.0666
	P	2.1110
	U	12.6640
	V	-1.1463
	W	0.0
0.400	A	6.9758
	RHO	6.0499
	P	2.1029
	U	12.6502
	V	-1.4122
	W	0.0
0.500	A	6.9711
	RHO	6.0294
	P	2.0929
	U	12.6339
	V	-1.6710
	W	0.0
0.600	A	6.9655
	RHO	6.0055
	P	2.0813
	U	12.6154
	V	-1.9236
	W	0.0
0.700	A	6.9592
	RHO	5.9783
	P	2.0681
	U	12.5948
	V	-2.1705
	W	0.0
0.800	A	6.9522
	RHO	5.9481
	P	2.0535
	U	12.5722
	V	-2.4121
	W	0.0
0.900	A	6.9444
	RHO	5.9149
	P	2.0374
	U	12.5479
	V	-2.6492
	W	0.0
1.000	A	6.9359
	RHO	5.8788
	P	2.0201

THS/THC 1.1365

M=20.0, THC=45.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	12.5522	12.5554	12.5645	12.5779	12.5938	12.6099	12.6233	12.6323	12.6356
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0225	0.0416	0.0544	0.0589	0.0544	0.0416	0.0225	0.0000
0.0	A	7.0348	7.0337	7.0304	7.0256	7.0199	7.0141	7.0093	7.0060	7.0049
	RHO	6.0934	6.0885	6.0744	6.0535	6.0289	6.0044	5.9837	5.9699	5.9651
	P	2.1540	2.1515	2.1446	2.1342	2.1221	2.1100	2.0999	2.0931	2.0907
	U	12.5521	12.5624	12.5919	12.6361	12.6885	12.7415	12.7866	12.8168	12.8275
	V	-0.0766	-0.0766	-0.0765	-0.0763	-0.0762	-0.0760	-0.0759	-0.0758	-0.0757
	W	0.0	0.0307	0.0567	0.0740	0.0800	0.0739	0.0565	0.0305	0.0000
0.025	A	7.0348	7.0311	7.0205	7.0046	6.9855	6.9662	6.9497	6.9386	6.9347
	RHO	6.0932	6.0927	6.0914	6.0897	6.0881	6.0870	6.0864	6.0862	6.0862
	P	2.1539	2.1514	2.1445	2.1342	2.1223	2.1103	2.0998	2.0930	2.0906
	U	12.5518	12.5621	12.5916	12.6360	12.6885	12.7414	12.7864	12.8165	12.8271
	V	-0.1526	-0.1526	-0.1523	-0.1520	-0.1517	-0.1513	-0.1511	-0.1509	-0.1508
	W	0.0	0.0341	0.0630	0.0823	0.0890	0.0822	0.0629	0.0341	0.0000
0.050	A	7.0346	7.0309	7.0203	7.0043	6.9853	6.9661	6.9496	6.9385	6.9346
	RHO	6.0927	6.0922	6.0910	6.0893	6.0879	6.0866	6.0860	6.0857	6.0857
	P	2.1536	2.1512	2.1442	2.1339	2.1218	2.1097	2.0995	2.0927	2.0904
	U	12.5504	12.5608	12.5904	12.6349	12.6874	12.7403	12.7852	12.8153	12.8258
	V	-0.3025	-0.3024	-0.3020	-0.3014	-0.3007	-0.3000	-0.2995	-0.2990	-0.2989
	W	0.0	0.0388	0.0716	0.0937	0.1014	0.0938	0.0718	0.0389	0.0000
0.100	A	7.0341	7.0304	7.0198	7.0037	6.9847	6.9654	6.9490	6.9380	6.9341
	RHO	6.0906	6.0901	6.0890	6.0874	6.0859	6.0848	6.0840	6.0837	6.0836
	P	2.1526	2.1501	2.1432	2.1329	2.1208	2.1087	2.0985	2.0917	2.0894
	U	12.5451	12.5555	12.5853	12.6298	12.6825	12.7353	12.7802	12.8102	12.8208
	V	-0.5951	-0.5949	-0.5941	-0.5929	-0.5915	-0.5900	-0.5888	-0.5880	-0.5877
	W	0.0	0.0452	0.0836	0.1093	0.1184	0.1096	0.0839	0.0455	0.0000
0.200	A	7.0323	7.0286	7.0179	7.0018	6.9827	6.9635	6.9472	6.9362	6.9323
	RHO	6.0826	6.0822	6.0811	6.0797	6.0782	6.0770	6.0762	6.0758	6.0757
	P	2.1486	2.1462	2.1393	2.1290	2.1169	2.1048	2.0947	2.0879	2.0856
	U	12.5366	12.5471	12.5769	12.6216	12.6743	12.7272	12.7720	12.8020	12.8125
	V	-0.8787	-0.8783	-0.8771	-0.8753	-0.8731	-0.8709	-0.8691	-0.8678	-0.8674
	W	0.0	0.0498	0.0922	0.1205	0.1305	0.1209	0.0926	0.0502	0.0000
0.300	A	7.0294	7.0256	7.0149	6.9988	6.9797	6.9605	6.9443	6.9333	6.9294
	RHO	6.0699	6.0696	6.0686	6.0672	6.0659	6.0647	6.0638	6.0633	6.0632
	P	2.1424	2.1399	2.1331	2.1228	2.1108	2.0988	2.0887	2.0819	2.0796
	U	12.5252	12.5357	12.5656	12.6104	12.6632	12.7161	12.7610	12.7910	12.8015
	V	-1.1540	-1.1534	-1.1518	-1.1494	-1.1465	-1.1435	-1.1410	-1.1393	-1.1387
	W	0.0	0.0535	0.0990	0.1295	0.1404	0.1299	0.0995	0.0539	0.0000
0.400	A	7.0255	7.0217	7.0110	6.9949	6.9753	6.9567	6.9404	6.9295	6.9257
	RHO	6.0531	6.0528	6.0519	6.0506	6.0493	6.0481	6.0473	6.0468	6.0466
	P	2.1340	2.1316	2.1248	2.1146	2.1027	2.0907	2.0807	2.0743	2.0716
	U	12.5112	12.5217	12.5516	12.5965	12.6494	12.7024	12.7474	12.7774	12.7879
	V	-1.4217	-1.4209	-1.4189	-1.4159	-1.4123	-1.4086	-1.4055	-1.4034	-1.4026
	W	0.0	0.0566	0.1047	0.1370	0.1485	0.1374	0.1052	0.0570	0.0000
0.500	A	7.0207	7.0169	7.0062	6.9901	6.9713	6.9519	6.9357	6.9248	6.9210
	RHO	6.0325	6.0322	6.0314	6.0302	6.0290	6.0278	6.0270	6.0265	6.0263
	P	2.1239	2.1215	2.1147	2.1046	2.0927	2.0809	2.0709	2.0642	2.0619
	U	12.4946	12.5051	12.5352	12.5801	12.6331	12.6862	12.7313	12.7614	12.7720
	V	-1.6824	-1.6816	-1.6792	-1.6755	-1.6712	-1.6668	-1.6630	-1.6604	-1.6596
	W	0.0	0.0593	0.1097	0.1434	0.1554	0.1438	0.1102	0.0597	0.0000
0.600	A	7.0151	7.0113	7.0006	6.9845	6.9655	6.9464	6.9302	6.9193	6.9155
	RHO	6.0084	6.0081	6.0073	6.0063	6.0051	6.0041	6.0033	6.0027	6.0026
	P	2.1120	2.1096	2.1029	2.0929	2.0811	2.0694	2.0594	2.0528	2.0505
	U	12.4757	12.4863	12.5164	12.5614	12.6145	12.6679	12.7130	12.7431	12.7538
	V	-1.9368	-1.9358	-1.9330	-1.9288	-1.9238	-1.9187	-1.9143	-1.9114	-1.9104
	W	0.0	0.0616	0.1140	0.1491	0.1615	0.1494	0.1145	0.0620	0.0000
0.700	A	7.0086	7.0049	6.9942	6.9781	6.9591	6.9401	6.9239	6.9131	6.9093
	RHO	5.9810	5.9807	5.9800	5.9791	5.9781	5.9771	5.9763	5.9758	5.9756
	P	2.0985	2.0962	2.0895	2.0796	2.0679	2.0563	2.0465	2.0399	2.0376
	U	12.4548	12.4654	12.4955	12.5407	12.5940	12.6473	12.6926	12.7229	12.7335
	V	-2.1855	-2.1844	-2.1812	-2.1764	-2.1707	-2.1649	-2.1601	-2.1566	-2.1554
	W	0.0	0.0637	0.1178	0.1540	0.1669	0.1544	0.1182	0.0640	0.0000
0.800	A	7.0015	6.9977	6.9870	6.9709	6.9523	6.9339	6.9189	6.9082	6.9044
	RHO	5.9504	5.9502	5.9497	5.9488	5.9479	5.9473	5.9468	5.9458	5.9456
	P	2.0835	2.0812	2.0746	2.0648	2.0533	2.0418	2.0321	2.0256	2.0233
	U	12.4318	12.4425	12.4727	12.5180	12.5715	12.6250	12.6703	12.7006	12.7113
	V	-2.4289	-2.4276	-2.4240	-2.4188	-2.4123	-2.4059	-2.4004	-2.3967	-2.3954
	W	0.0	0.0656	0.1212	0.1585	0.1717	0.1588	0.1216	0.0659	0.0000
0.900	A	6.9936	6.9898	6.9791	6.9631	6.9442	6.9253	6.9092	6.8985	6.8947
	RHO	5.9169	5.9167	5.9162	5.9156	5.9148	5.9140	5.9133	5.9129	5.9127
	P	2.0671	2.0648	2.0584	2.0487	2.0373	2.0259	2.0163	2.0099	2.0077
	U	12.4071	12.4178	12.4481	12.4935	12.5472	12.6007	12.6463	12.6757	12.6874
	V	-2.6675	-2.6662	-2.6622	-2.6564	-2.6494	-2.6423	-2.6362	-2.6321	-2.6307
	W	0.0	0.0672	0.1243	0.1625	0.1763	0.1628	0.1247	0.0675	0.0000
1.000	A	6.9849	6.9812	6.9705	6.9546	6.9357	6.9168	6.9008	6.8901	6.8864
	RHO	5.8805	5.8804	5.8800	5.8795	5.8788	5.8781	5.8776	5.8772	5.8771
	P	2.0493	2.0471	2.0407	2.0312	2.0203	2.0088	1.9993	1.9930	1.9907
THS/THC		1.1380	1.1378	1.1375	1.1371	1.1365	1.1360	1.1355	1.1352	1.1350

M=20.0, THC=45.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	11.9860	12.0031	12.0514	12.1236	12.2092	12.2947	12.3672	12.4157	12.4326
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1203	0.2226	0.2913	0.3158	0.2919	0.2234	0.1208	0.0000
0.0	A	7.2296	7.2237	7.2072	7.1824	7.1531	7.1243	7.0993	7.0829	7.0772
	RHO	6.1068	6.0823	6.0128	5.9100	5.7909	5.6737	5.5762	5.5120	5.4896
	P	2.2799	2.2671	2.2309	2.1777	2.1164	2.0568	2.0075	1.9752	1.9640
	U	11.9860	12.0344	12.1737	12.3868	12.6455	12.9120	13.1464	13.3063	13.3631
	V	-0.0784	-0.0782	-0.0778	-0.0771	-0.0763	-0.0755	-0.0746	-0.0741	-0.0739
	W	0.0	0.1556	0.2866	0.3727	0.4013	0.3681	0.2801	0.1519	0.0000
0.025	A	7.2295	7.2131	7.1654	7.0912	6.9989	6.9010	6.8130	6.7515	6.7294
	RHO	6.1066	6.1030	6.0929	6.0629	6.0485	6.0461	6.0545	6.0662	6.0715
	P	2.2798	2.2670	2.2308	2.1776	2.1164	2.0567	2.0074	1.9751	1.9639
	U	11.9856	12.0348	12.1763	12.3916	12.6516	12.9180	13.1495	13.3079	13.3629
	V	-0.1560	-0.1557	-0.1549	-0.1535	-0.1519	-0.1502	-0.1487	-0.1476	-0.1472
	W	0.0	0.1711	0.3159	0.4121	0.4453	0.4108	0.3141	0.1699	0.0000
0.050	A	7.2294	7.2126	7.1640	7.0888	6.9961	6.8983	6.8113	6.7509	6.7292
	RHO	6.1061	6.1031	6.0845	6.0663	6.0533	6.0502	6.0569	6.0665	6.0709
	P	2.2795	2.2667	2.2305	2.1774	2.1151	2.0565	2.0072	1.9749	1.9636
	U	11.9842	12.0342	12.1779	12.3955	12.6565	12.9224	13.1516	13.3067	13.3617
	V	-0.3096	-0.3093	-0.3073	-0.3046	-0.3012	-0.2978	-0.2947	-0.2924	-0.2917
	W	0.0	0.1930	0.3570	0.4672	0.5069	0.4695	0.3604	0.1954	0.0000
0.100	A	7.2289	7.2117	7.1621	7.0858	6.9924	6.8950	6.8091	6.7499	6.7288
	RHO	6.1040	6.0986	6.0849	6.0687	6.0567	6.0533	6.0581	6.0654	6.0689
	P	2.2784	2.2656	2.2295	2.1764	2.1152	2.0556	2.0063	1.9739	1.9627
	U	11.9785	12.0294	12.1753	12.3952	12.6575	12.9227	13.1499	13.3033	13.3569
	V	-0.6098	-0.6086	-0.6051	-0.5995	-0.5928	-0.5855	-0.5788	-0.5742	-0.5725
	W	0.0	0.2238	0.4145	0.5437	0.5915	0.5495	0.4228	0.2297	0.0000
0.200	A	7.2270	7.2093	7.1586	7.0810	6.9870	6.8900	6.8054	6.7476	6.7271
	RHO	6.0958	6.0914	6.0799	6.0662	6.0555	6.0516	6.0541	6.0588	6.0611
	P	2.2741	2.2614	2.2255	2.1726	2.1115	2.0520	2.0027	1.9704	1.9592
	U	11.9694	12.0209	12.1679	12.3893	12.6523	12.9174	13.1437	13.2957	13.3493
	V	-0.9010	-0.8992	-0.8938	-0.8855	-0.8750	-0.8640	-0.8539	-0.8467	-0.8441
	W	0.0	0.2463	0.4565	0.5992	0.6524	0.6066	0.4669	0.2537	0.0000
0.300	A	7.2239	7.2060	7.1545	7.0762	6.9818	6.8852	6.8014	6.7445	6.7244
	RHO	6.0828	6.0790	6.0692	6.0572	6.0475	6.0434	6.0443	6.0474	6.0490
	P	2.2674	2.2547	2.2190	2.1664	2.1057	2.0464	1.9972	1.9649	1.9537
	U	11.9572	12.0090	12.1569	12.3793	12.6433	12.9082	13.1341	13.2857	13.3391
	V	-1.1839	-1.1814	-1.1743	-1.1630	-1.1491	-1.1342	-1.1206	-1.1110	-1.1076
	W	0.0	0.2646	0.4904	0.6438	0.7011	0.6518	0.5017	0.2726	0.0000
0.400	A	7.2198	7.2016	7.1497	7.0709	6.9763	6.8800	6.7969	6.7437	6.7208
	RHO	6.0655	6.0623	6.0538	6.0433	6.0345	6.0302	6.0300	6.0319	6.0329
	P	2.2583	2.2458	2.2104	2.1582	2.0979	2.0388	1.9898	1.9576	1.9464
	U	11.9421	11.9942	12.1428	12.3659	12.6303	12.8957	13.1217	13.2731	13.3263
	V	-1.4590	-1.4559	-1.4470	-1.4330	-1.4155	-1.3968	-1.3799	-1.3680	-1.3636
	W	0.0	0.2830	0.5190	0.6813	0.7417	0.6894	0.5305	0.2882	0.0000
0.500	A	7.2147	7.1964	7.1441	7.0649	6.9703	6.8742	6.7917	6.7360	6.7164
	RHO	6.0442	6.0415	6.0342	6.0252	6.0173	6.0128	6.0118	6.0127	6.0133
	P	2.2472	2.2348	2.1998	2.1481	2.0882	2.0295	1.9808	1.9487	1.9376
	U	11.9243	11.9767	12.1258	12.3497	12.6146	12.8806	13.1067	13.2582	13.3114
	V	-1.7270	-1.7233	-1.7126	-1.6958	-1.6749	-1.6526	-1.6323	-1.6181	-1.6129
	W	0.0	0.2934	0.5437	0.7135	0.7765	0.7216	0.5551	0.3014	0.0000
0.600	A	7.2087	7.1903	7.1377	7.0583	6.9637	6.8679	6.7859	6.7307	6.7113
	RHO	6.0193	6.0170	6.0109	6.0032	5.9962	5.9918	5.9901	5.9901	5.9903
	P	2.2342	2.2220	2.1874	2.1363	2.0769	2.0187	1.9702	1.9383	1.9272
	U	11.9042	11.9567	12.1063	12.3308	12.5965	12.8629	13.0895	13.2411	13.2944
	V	-1.9885	-1.9842	-1.9716	-1.9522	-1.9279	-1.9020	-1.8786	-1.8621	-1.8562
	W	0.0	0.3052	0.5654	0.7419	0.8071	0.7496	0.5764	0.3129	0.0000
0.700	A	7.2019	7.1834	7.1306	7.0511	6.9564	6.8610	6.7795	6.7247	6.7054
	RHO	5.9909	5.9890	5.9841	5.9776	5.9716	5.9673	5.9651	5.9644	5.9644
	P	2.2195	2.2075	2.1733	2.1228	2.0641	2.0064	1.9583	1.9266	1.9155
	U	11.8818	11.9344	12.0846	12.3097	12.5761	12.8431	13.0701	13.2221	13.2755
	V	-2.2440	-2.2391	-2.2248	-2.2026	-2.1751	-2.1457	-2.1192	-2.1006	-2.0939
	W	0.0	0.3157	0.5848	0.7670	0.8341	0.7743	0.5951	0.3230	0.0000
0.800	A	7.1943	7.1758	7.1228	7.0432	6.9486	6.8535	6.7724	6.7180	6.6989
	RHO	5.9593	5.9578	5.9540	5.9488	5.9436	5.9396	5.9370	5.9358	5.9355
	P	2.2031	2.1913	2.1577	2.1078	2.0499	1.9927	1.9450	1.9135	1.9026
	U	11.8573	11.9101	12.0607	12.2865	12.5536	12.8213	13.0489	13.2012	13.2548
	V	-2.4940	-2.4886	-2.4725	-2.4476	-2.4169	-2.3841	-2.3548	-2.3341	-2.3267
	W	0.0	0.3251	0.6022	0.7896	0.8582	0.7963	0.6117	0.3319	0.0000
0.900	A	7.1859	7.1673	7.1143	7.0346	6.9402	6.8454	6.7647	6.7107	6.6918
	RHO	5.9246	5.9236	5.9208	5.9168	5.9126	5.9089	5.9061	5.9044	5.9038
	P	2.1852	2.1735	2.1405	2.0914	2.0342	1.9778	1.9305	1.8993	1.8884
	U	11.8309	11.8839	12.0348	12.2613	12.5291	12.7976	13.0259	13.1787	13.2323
	V	-2.7392	-2.7331	-2.7154	-2.6879	-2.6543	-2.6180	-2.5857	-2.5632	-2.5550
	W	0.0	0.3337	0.6179	0.8099	0.8799	0.8161	0.6266	0.3398	0.0000
1.000	A	7.1767	7.1581	7.1050	7.0254	6.9312	6.8367	6.7565	6.7028	6.6840
	RHO	5.8868	5.8862	5.8845	5.8819	5.8786	5.8753	5.8723	5.8702	5.8695
	P	2.1657	2.1543	2.1218	2.0736	2.0173	1.9615	1.9148	1.8838	1.8730
THS/THC		1.1441	1.1436	1.1422	1:1400	1.1372	1.1344	1.1318	1.1301	1.1295

M=23.0, THC=45.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	11.2493	11.2858	11.3900	11.5469	11.7331	11.9200	12.0786	12.1844	12.2214
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2595	0.4815	0.6330	0.6890	0.6385	0.4884	0.2636	0.0000
0.0	A	7.4626	7.4507	7.4167	7.3657	7.3056	7.2458	7.1954	7.1620	7.1504
	RHO	6.1227	6.0738	5.9364	5.7352	5.5051	5.2833	5.1322	4.9849	4.9445
	P	2.4355	2.4084	2.3325	2.2225	2.0987	1.9813	1.8869	1.8264	1.8057
	U	11.2491	11.3396	11.5986	12.0035	12.5088	13.0491	13.5378	13.8809	14.0046
	V	-0.3806	-0.0833	-0.0795	-0.0783	-0.0767	-0.0750	-0.0733	-0.0721	-0.0716
	W	0.0	0.3167	0.5827	0.7551	0.8077	0.7358	0.5559	0.2983	0.0000
0.025	A	7.4626	7.4341	7.3502	7.2158	7.0410	6.8437	6.6545	6.5150	6.4632
	RHO	6.1225	6.1038	6.0443	5.9759	5.9267	5.9224	5.9652	6.0241	6.0515
	P	2.4354	2.4083	2.3324	2.2225	2.0987	1.9813	1.8868	1.8264	1.8056
	U	11.2487	11.3413	11.6092	12.0231	12.5339	13.0722	13.5521	13.8851	14.0044
	V	-0.1604	-0.1598	-0.1582	-0.1557	-0.1527	-0.1493	-0.1460	-0.1436	-0.1427
	W	0.0	0.3443	0.6352	0.8276	0.8923	0.8213	0.6273	0.3394	0.0000
0.050	A	7.4625	7.4328	7.3457	7.2074	7.0297	6.8326	6.6472	6.5125	6.4631
	RHO	6.1219	6.1022	6.0510	5.9895	5.9454	5.9412	5.9779	6.0279	6.0510
	P	2.4351	2.4080	2.3322	2.2224	2.0986	1.9811	1.8867	1.8262	1.8054
	U	11.2471	11.3429	11.6190	12.0422	12.5583	13.0943	13.5652	13.8882	14.0033
	V	-0.3185	-0.3174	-0.3142	-0.3092	-0.3029	-0.2960	-0.2893	-0.2843	-0.2823
	W	0.0	0.3843	0.7111	0.9314	1.0118	0.9397	0.7238	0.3940	0.0000
0.100	A	7.4619	7.4309	7.3402	7.1975	7.0168	6.8201	6.6389	6.5097	6.4626
	RHO	6.1197	6.1025	6.0575	6.0038	5.9654	5.9609	5.9905	6.0306	6.0490
	P	2.4339	2.4069	2.3312	2.2216	2.0979	1.9805	1.8859	1.8254	1.8046
	U	11.2409	11.3400	11.6244	12.0569	12.5781	13.1119	13.5742	13.8879	13.9989
	V	-0.5279	-0.6258	-0.6194	-0.6095	-0.5966	-0.5821	-0.5680	-0.5572	-0.5532
	W	0.0	0.4420	0.8200	1.0787	1.1785	1.1013	0.8527	0.4657	0.0000
0.200	A	7.4599	7.4272	7.3323	7.1847	7.0007	6.8049	6.6286	6.5054	6.4611
	RHO	6.1113	6.0971	6.0603	6.0161	5.9843	5.9790	5.9997	6.0282	6.0414
	P	2.4292	2.4024	2.3273	2.2182	2.0949	1.9776	1.8830	1.8223	1.8014
	U	11.2310	11.3319	11.6209	12.0584	12.5825	13.1152	13.5735	13.8828	13.9919
	V	-0.9285	-0.9252	-0.9158	-0.9008	-0.8813	-0.8591	-0.8373	-0.8208	-0.8145
	W	0.0	0.4854	0.9014	1.1876	1.2998	1.2165	0.9429	0.5151	0.0000
0.300	A	7.4566	7.4229	7.3253	7.1746	6.9888	6.7937	6.6208	6.5012	6.4585
	RHO	6.0979	6.0859	6.0549	6.0176	5.9902	5.9841	5.9987	6.0199	6.0296
	P	2.4218	2.3952	2.3208	2.2125	2.0898	1.9728	1.8782	1.8174	1.7965
	U	11.2177	11.3197	11.6118	12.0528	12.5788	13.1113	13.5675	13.8744	13.9826
	V	-1.2204	-1.2161	-1.2036	-1.1836	-1.1575	-1.1275	-1.0981	-1.0759	-1.0676
	W	0.0	0.5211	0.9681	1.2760	1.3972	1.3078	1.0134	0.5534	0.0000
0.400	A	7.4522	7.4177	7.3182	7.1652	6.9783	6.7840	6.6135	6.4967	6.4552
	RHO	6.0800	6.0699	6.0437	6.0121	5.9883	5.9816	5.9915	6.0079	6.0141
	P	2.4118	2.3856	2.3120	2.2047	2.0829	1.9663	1.8719	1.8110	1.7901
	U	11.2011	11.3041	11.5985	12.0420	12.5697	13.1024	13.5576	13.8634	13.9710
	V	-1.5044	-1.4990	-1.4834	-1.4584	-1.4257	-1.3882	-1.3515	-1.3238	-1.3134
	W	0.0	0.5516	1.0249	1.3508	1.4789	1.3836	1.0714	0.5846	0.0000
0.500	A	7.4468	7.4117	7.3106	7.1560	6.9683	6.7747	6.6063	6.4917	6.4512
	RHO	6.0578	6.0495	6.0277	6.0011	5.9805	5.9734	5.9796	5.9902	5.9953
	P	2.3995	2.3737	2.3011	2.1950	2.0742	1.9583	1.8640	1.8032	1.7822
	U	11.1818	11.2855	11.5815	12.0270	12.5563	13.0896	13.5446	13.8499	13.9573
	V	-1.7810	-1.7746	-1.7558	-1.7258	-1.6865	-1.6418	-1.5980	-1.5650	-1.5527
	W	0.0	0.5784	1.0744	1.4158	1.5492	1.4483	1.1204	0.6109	0.0000
0.600	A	7.4404	7.4048	7.3025	7.1466	6.9584	6.7655	6.5990	6.4863	6.4464
	RHO	6.0319	6.0251	6.0074	5.9855	5.9678	5.9604	5.9632	5.9700	5.9735
	P	2.3851	2.3597	2.2882	2.1836	2.0643	1.9488	1.8549	1.7941	1.7731
	U	11.1599	11.2640	11.5614	12.0086	12.5394	13.0736	13.5290	13.8343	13.9417
	V	-2.0508	-2.0433	-2.0214	-1.9864	-1.9408	-1.8889	-1.8383	-1.8004	-1.7862
	W	0.0	0.6022	1.1184	1.4731	1.6109	1.5045	1.1627	0.6334	0.0000
0.700	A	7.4331	7.3971	7.2938	7.1369	6.9484	6.7565	6.5915	6.4803	6.4411
	RHO	6.0023	5.9970	5.9831	5.9657	5.9509	5.9433	5.9433	5.9468	5.9487
	P	2.3688	2.3438	2.2736	2.1705	2.0522	1.9380	1.8444	1.7838	1.7628
	U	11.1356	11.2401	11.5386	11.9872	12.5195	13.0549	13.5110	13.8168	13.9243
	V	-2.3144	-2.3058	-2.2806	-2.2437	-2.1888	-2.1299	-2.0729	-2.0303	-2.0144
	W	0.0	0.6236	1.1579	1.5243	1.6655	1.5540	1.1996	0.6530	0.0000
0.800	A	7.4249	7.3886	7.2845	7.1269	6.9383	6.7472	6.5836	6.4737	6.4351
	RHO	5.9693	5.9655	5.9553	5.9421	5.9301	5.9226	5.9202	5.9207	5.9213
	P	2.3506	2.3262	2.2572	2.1558	2.0391	1.9259	1.8329	1.7724	1.7515
	U	11.1090	11.2139	11.5133	11.9633	12.4973	13.0337	13.4910	13.7975	13.9053
	V	-2.5722	-2.5626	-2.5342	-2.4892	-2.4311	-2.3655	-2.3023	-2.2553	-2.2379
	W	0.0	0.6432	1.1935	1.5703	1.7144	1.5979	1.2323	0.6703	0.0000
0.900	A	7.4158	7.3793	7.2746	7.1164	6.9279	6.7376	6.5753	6.4667	6.4286
	RHO	5.9331	5.9306	5.9240	5.9150	5.9058	5.8985	5.8939	5.8918	5.8912
	P	2.3306	2.3068	2.2393	2.1397	2.0247	1.9126	1.8202	1.7599	1.7390
	U	11.0805	11.1857	11.4859	11.9370	12.4722	13.0104	13.4691	13.7766	13.8848
	V	-2.8250	-2.8142	-2.7826	-2.7326	-2.6683	-2.5962	-2.5271	-2.4750	-2.4570
	W	0.0	0.6608	1.2260	1.6121	1.7584	1.6373	1.2614	0.6856	0.0000
1.000	A	7.4060	7.3692	7.2640	7.1055	6.9171	6.7277	6.5667	6.4592	6.4215
	RHO	5.8927	5.8926	5.8895	5.8845	5.8782	5.8712	5.8648	5.8603	5.8586
	P	2.3090	2.2857	2.2198	2.1221	2.0089	1.8981	1.8064	1.7464	1.7256
THS/THC		1.1524	1.1515	1.1489	1.1448	1.1395	1.1337	1.1282	1.1244	1.1230

M=20.0, THC=45.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	10.4786	10.5372	10.7048	10.9583	11.2612	11.5676	11.8283	12.0018	12.0621
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.4162	0.7757	1.0266	1.1257	1.0486	0.8024	0.4315	0.0000
	A	7.6838	7.6655	7.6132	7.5347	7.4419	7.3497	7.2725	7.2218	7.2042
	RHO	6.1377	6.0650	5.8612	5.5651	5.2309	4.9146	4.6620	4.5018	4.4472
	P	2.5884	2.5456	2.4266	2.2567	2.0693	1.8963	1.7612	1.6771	1.6487
0.025	U	10.4784	10.6029	10.9664	11.5399	12.2736	13.0887	13.8571	14.4123	14.6150
	V	-0.0828	-0.0824	-0.0813	-0.0795	-0.0773	-0.0748	-0.0722	-0.0701	-0.0692
	W	0.0	0.4844	0.8912	1.1538	1.2283	1.1085	0.8293	0.4427	0.0000
	A	7.6837	7.6664	7.5356	7.3551	7.1114	6.8188	6.5160	6.2781	6.1871
	RHO	6.1375	6.0952	5.9827	5.8406	5.7289	5.7099	5.8075	5.9568	6.0293
	P	2.5883	2.5455	2.4266	2.2569	2.0694	1.8964	1.7613	1.6770	1.6486
0.050	U	10.4780	10.6086	10.9886	11.5827	12.3313	13.1445	13.8926	14.4230	14.6147
	V	-0.1648	-0.1641	-0.1618	-0.1582	-0.1538	-0.1488	-0.1439	-0.1397	-0.1380
	W	0.0	0.5205	0.9603	1.2501	1.3444	1.2328	0.9398	0.5093	0.0000
	A	7.6836	7.6440	7.5272	7.3382	7.0869	6.7926	6.4975	6.2720	6.1870
	RHO	6.1370	6.0983	5.9957	5.8675	5.7687	5.7540	5.8402	5.9678	6.0288
	P	2.5879	2.5452	2.4265	2.2569	2.0695	1.8964	1.7612	1.6769	1.6484
0.100	U	10.4762	10.6135	11.0110	11.6261	12.3888	13.1990	13.9265	14.4326	14.6136
	V	-0.3274	-0.3259	-0.3214	-0.3145	-0.3055	-0.2954	-0.2849	-0.2763	-0.2728
	W	0.0	0.5747	1.0636	1.3933	1.5143	1.4081	1.0893	0.5964	0.0000
	A	7.6830	7.6409	7.5169	7.3183	7.0589	6.7636	6.4774	6.2652	6.1865
	RHO	6.1347	6.1005	6.0102	5.8984	5.8139	5.8026	5.8749	5.9782	6.0268
	P	2.5866	2.5441	2.4257	2.2565	2.0692	1.8961	1.7607	1.6762	1.6476
0.200	U	10.4694	10.6136	11.0292	11.6656	12.4413	13.2474	13.9547	14.4382	14.6097
	V	-0.6460	-0.6430	-0.6344	-0.6208	-0.6029	-0.5818	-0.5593	-0.5407	-0.5332
	W	0.0	0.6552	1.2166	1.6030	1.7573	1.6509	1.2882	0.7087	0.0000
	A	7.6808	7.6355	7.5029	7.2933	7.0252	6.7298	6.4544	6.2569	6.1851
	RHO	6.1260	6.0978	6.0235	5.9323	5.8644	5.8553	5.9094	5.9847	6.0194
	P	2.5815	2.5394	2.4221	2.2539	2.0673	1.8942	1.7584	1.6735	1.6448
0.300	U	10.4585	10.6067	11.0323	11.6801	12.4625	13.2663	13.9636	14.4363	14.6033
	V	-0.9554	-0.9511	-0.9384	-0.9183	-0.8915	-0.8590	-0.8241	-0.7953	-0.7838
	W	0.0	0.7174	1.3339	1.7619	1.9371	1.8253	1.4264	0.7847	0.0000
	A	7.6773	7.6299	7.4917	7.2750	7.0020	6.7073	6.4390	6.2505	6.1827
	RHO	6.1122	6.0884	6.0260	5.9495	5.8925	5.8838	5.9250	5.9820	6.0081
	P	2.5733	2.5317	2.4158	2.2492	2.0636	1.8907	1.7547	1.6694	1.6404
0.400	U	10.4439	10.5947	11.0269	11.6821	12.4691	13.2717	13.9635	14.4302	14.5948
	V	-1.2560	-1.2503	-1.2337	-1.2070	-1.1712	-1.1274	-1.0803	-1.0416	-1.0263
	W	0.0	0.7694	1.4316	1.8928	2.0832	1.9639	1.5338	0.8427	0.0000
	A	7.6726	7.6236	7.4811	7.2593	6.9830	6.6894	6.4266	6.2446	6.1796
	RHO	6.0935	6.0737	6.0214	5.9573	5.9091	5.8999	5.9306	5.9736	5.9932
	P	2.5623	2.5214	2.4071	2.2424	2.0582	1.8858	1.7496	1.6639	1.6348
0.500	U	10.4260	10.5785	11.0154	11.6759	12.4662	13.2687	13.9575	14.4210	14.5842
	V	-1.5484	-1.5413	-1.5206	-1.4874	-1.4426	-1.3877	-1.3286	-1.2854	-1.2615
	W	0.0	0.8146	1.5160	2.0049	2.2067	2.0793	1.6215	0.8896	0.0000
	A	7.6668	7.6165	7.4706	7.2449	6.9663	6.6738	6.4155	6.2387	6.1759
	RHO	6.0705	6.0542	6.0111	5.9579	5.9172	5.9076	5.9293	5.9608	5.9752
	P	2.5488	2.5086	2.3963	2.2337	2.0511	1.8794	1.7432	1.6572	1.6279
0.600	U	10.4049	10.5588	10.9991	11.6636	12.4567	13.2597	13.9472	14.4091	14.5717
	V	-1.8331	-1.8246	-1.7997	-1.7598	-1.7061	-1.6404	-1.5700	-1.5128	-1.4905
	W	0.0	0.8546	1.5905	2.1031	2.3135	2.1771	1.6952	0.9286	0.0000
	A	7.6600	7.6086	7.4599	7.2310	6.9508	6.6596	6.4053	6.2326	6.1716
	RHO	6.0435	6.0304	5.9958	5.9527	5.9189	5.9088	5.9226	5.9443	5.9544
	P	2.5329	2.4936	2.3833	2.2233	2.0426	1.8718	1.7356	1.6494	1.6200
0.700	U	10.3811	10.5359	10.9788	11.6465	12.4423	13.2461	13.9335	14.3951	14.5575
	V	-2.1106	-2.1006	-2.0716	-2.0250	-1.9623	-1.8861	-1.8048	-1.7393	-1.7138
	W	0.0	0.8906	1.6571	2.1903	2.4074	2.2624	1.7585	0.9618	0.0000
	A	7.6522	7.5998	7.4489	7.2175	6.9361	6.6463	6.3954	6.2263	6.1667
	RHO	6.0127	6.0027	5.9761	5.9426	5.9152	5.9046	5.9115	5.9246	5.9309
	P	2.5149	2.4765	2.3685	2.2112	2.0327	1.8631	1.7271	1.6405	1.6110
0.800	U	10.3546	10.5103	10.9550	11.6252	12.4231	13.2287	13.9171	14.3790	14.5416
	V	-2.3816	-2.3702	-2.3367	-2.2832	-2.2118	-2.1252	-2.0338	-1.9605	-1.9320
	W	0.0	0.9232	1.7174	2.2686	2.4913	2.3374	1.8136	0.9905	0.0000
	A	7.6434	7.5903	7.4375	7.2041	6.9223	6.6336	6.3858	6.2196	6.1613
	RHO	5.9784	5.9713	5.9524	5.9280	5.9067	5.8959	5.8964	5.9020	5.9050
	P	2.4948	2.4573	2.3519	2.1975	2.0215	1.8532	1.7175	1.6308	1.6012
0.900	U	10.3259	10.4821	10.9283	11.6006	12.4005	13.2082	13.8982	14.3613	14.5242
	V	-2.6467	-2.6336	-2.5956	-2.5352	-2.4553	-2.3584	-2.2574	-2.1769	-2.1458
	W	0.0	0.9531	1.7723	2.3396	2.5659	2.4039	1.8619	1.0155	0.0000
	A	7.6338	7.5800	7.4255	7.1906	6.9082	6.6212	6.3762	6.2126	6.1554
	RHO	5.9407	5.9365	5.9250	5.9093	5.8940	5.8831	5.8779	5.8766	5.8766
	P	2.4728	2.4363	2.3335	2.1824	2.0091	1.8423	1.7069	1.6201	1.5904
1.000	U	10.2950	10.4516	10.8990	11.5731	12.3753	13.1852	13.8773	14.3419	14.5053
	V	-2.9064	-2.8917	-2.8490	-2.7815	-2.6924	-2.5862	-2.4761	-2.3890	-2.3554
	W	0.0	0.9805	1.8226	2.4042	2.6337	2.4635	1.9048	1.0375	0.0000
	A	7.6232	7.5689	7.4131	7.1770	6.8965	6.6090	6.3665	6.2053	6.1489
	RHO	5.8997	5.8982	5.8939	5.8868	5.8773	5.8665	5.8562	5.8486	5.8458
	P	2.4489	2.4136	2.3135	2.1659	1.9955	1.8303	1.6955	1.6086	1.5708
THS/THC		1.1615	1.1604	1.1570	1.1513	1.1435	1.1345	1.1257	1.1192	1.1169

M=20.0, THC=45.0, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	9.6717	9.7547	9.9924	10.3543	10.7905	11.2364	11.6184	11.8720	11.9597
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.5893	1.1031	1.4713	1.6300	1.5328	1.1761	0.6289	0.0000
0.0	A	7.8915	7.8677	7.7966	7.6892	7.5617	7.4349	7.3299	7.2618	7.2383
	RHO	6.1523	6.0562	5.7874	5.3997	4.9665	4.5639	4.2505	4.0567	3.9916
	P	2.7374	2.6777	2.5129	2.2804	2.0285	1.8020	1.6312	1.5280	1.4938
	U	9.6715	9.8258	10.2775	10.9952	11.9300	13.0125	14.0905	14.8968	15.1938
	V	-0.0852	-0.0846	-0.0832	-0.0810	-0.0781	-0.0750	-0.0715	-0.0682	-0.0668
	W	0.0	0.6593	1.2155	1.5768	1.6755	1.4963	1.1027	0.5850	0.0000
0.025	A	7.8925	7.8486	7.7183	7.5044	7.2094	6.8346	6.4072	6.0447	5.9016
	RHO	6.1521	6.0856	5.9058	5.6699	5.4649	5.4016	5.5630	5.8546	6.0043
	P	2.7373	2.6777	2.5131	2.2807	2.0289	1.8023	1.6313	1.5280	1.4937
	U	9.6710	9.8351	10.3137	11.0676	12.0337	13.1197	14.1612	14.9184	15.1936
	V	-0.1695	-0.1684	-0.1655	-0.1609	-0.1552	-0.1489	-0.1422	-0.1360	-0.1333
	W	0.0	0.7007	1.2940	1.6857	1.8089	1.6483	1.2511	0.6802	0.0000
0.050	A	7.8923	7.8453	7.7059	7.4782	7.1681	6.7856	6.3700	6.0321	5.9015
	RHO	6.1515	6.0901	5.9250	5.7103	5.5288	5.4805	5.6283	5.8786	6.0039
	P	2.7369	2.6775	2.5131	2.2810	2.0292	1.8025	1.6313	1.5279	1.4936
	U	9.6691	9.8439	10.3517	11.1434	12.1393	13.2250	14.2287	14.9382	15.1926
	V	-0.3366	-0.3347	-0.3290	-0.3201	-0.3089	-0.2961	-0.2819	-0.2687	-0.2631
	W	0.0	0.7649	1.4163	1.8558	2.0149	1.8728	1.4546	0.8033	0.0000
0.100	A	7.8917	7.8409	7.6904	7.4467	7.1204	6.7314	6.3301	6.0186	5.9011
	RHO	6.1492	6.0944	5.9478	5.7592	5.6043	5.5697	5.6987	5.9028	6.0019
	P	2.7355	2.6763	2.5126	2.2811	2.0295	1.8027	1.6311	1.5273	1.4929
	U	9.6616	9.8481	10.3869	11.2169	12.2401	13.3218	14.2877	14.9531	15.1891
	V	-0.5641	-0.6605	-0.6498	-0.6331	-0.6114	-0.5849	-0.5538	-0.5250	-0.5128
	W	0.0	0.8637	1.6044	2.1160	2.3234	2.1931	1.7267	0.9594	0.0000
0.200	A	7.8894	7.8337	7.6695	7.4067	7.0629	6.6694	6.2861	6.0034	5.8997
	RHO	6.1402	6.0946	5.9730	5.8183	5.6949	5.6720	5.7740	5.9243	5.9947
	P	2.7299	2.6714	2.5096	2.2799	2.0292	1.8021	1.6297	1.5251	1.4904
	U	9.6496	9.8428	10.3990	11.2498	12.2866	13.3651	14.3115	14.9559	15.1832
	V	-0.9822	-0.9769	-0.9615	-0.9374	-0.9052	-0.8646	-0.8159	-0.7711	-0.7524
	W	0.0	0.9422	1.7534	2.3196	2.5589	2.4274	1.9155	1.0633	0.0000
0.300	A	7.8857	7.8266	7.6532	7.3780	7.0240	6.6295	6.2586	5.9933	5.8975
	RHO	6.1257	6.0873	5.9848	5.8551	5.7530	5.7348	5.8157	5.9309	5.9837
	P	2.7209	2.6634	2.5038	2.2766	2.0273	1.8003	1.6272	1.5217	1.4866
	U	9.6336	9.8312	10.3990	11.2633	12.3086	13.3849	14.3202	14.9527	15.1754
	V	-1.2911	-1.2842	-1.2642	-1.2325	-1.1900	-1.1352	-1.0690	-1.0088	-0.9837
	W	0.0	1.0093	1.8799	2.4908	2.7531	2.6148	2.0615	1.1417	0.0000
0.400	A	7.8807	7.8189	7.6384	7.3541	6.9930	6.5989	6.2377	5.9849	5.8947
	RHO	6.1064	6.0742	5.9883	5.8798	5.7945	5.7786	5.8415	5.9297	5.9695
	P	2.7089	2.6525	2.4957	2.2714	2.0240	1.7974	1.6235	1.5171	1.4816
	U	9.6139	9.8147	10.3905	11.2642	12.3154	13.3910	14.3197	14.9456	15.1658
	V	-1.5914	-1.5828	-1.5579	-1.5188	-1.4659	-1.3969	-1.3139	-1.2389	-1.2081
	W	0.0	1.0684	1.9908	2.6394	2.9190	2.7711	2.1803	1.2042	0.0000
0.500	A	7.8745	7.8196	7.6242	7.3327	6.9665	6.5735	6.2204	5.9774	5.8913
	RHO	6.0825	6.0560	5.9854	5.8958	5.8251	5.8101	5.8569	5.9228	5.9524
	P	2.6940	2.6389	2.4852	2.2644	2.0193	1.7933	1.6188	1.5116	1.4757
	U	9.5910	9.7940	10.3755	11.2561	12.3120	13.3876	14.3131	14.9356	15.1545
	V	-1.8835	-1.8732	-1.8434	-1.7966	-1.7333	-1.6504	-1.5511	-1.4626	-1.4263
	W	0.0	1.1214	2.0898	2.7710	3.0637	2.9047	2.2796	1.2557	0.0000
0.600	A	7.8672	7.8014	7.6103	7.3129	6.9433	6.5515	6.2054	5.9702	5.8874
	RHO	6.0544	6.0333	5.9769	5.9050	5.8472	5.8325	5.8649	5.9117	5.9327
	P	2.6766	2.6229	2.4726	2.2556	2.0133	1.7882	1.6131	1.5051	1.4688
	U	9.5650	9.7696	10.3554	11.2410	12.3007	13.3775	14.3019	14.9231	15.1415
	V	-2.1681	-2.1560	-2.1211	-2.0664	-1.9925	-1.8961	-1.7816	-1.6803	-1.6391
	W	0.0	1.1696	2.1794	2.8891	3.1917	3.0208	2.3644	1.2991	0.0000
0.700	A	7.8589	7.7915	7.5963	7.2941	6.9215	6.5319	6.1919	5.9631	5.8830
	RHO	6.0223	6.0064	5.9635	5.9082	5.8626	5.8478	5.8669	5.8970	5.9106
	P	2.6568	2.6045	2.4579	2.2453	2.0061	1.7821	1.6066	1.4978	1.4612
	U	9.5363	9.7421	10.3310	11.2204	12.2833	13.3619	14.2871	14.9085	15.1269
	V	-2.6458	-2.6318	-2.5917	-2.5287	-2.4440	-2.1345	-2.0056	-1.8927	-1.8470
	W	0.0	1.2137	2.2612	2.9960	3.3062	3.1229	2.4378	1.3363	0.0000
0.800	A	7.8496	7.7838	7.5821	7.2760	6.9015	6.5139	6.1793	5.9560	5.8782
	RHO	5.9867	5.9756	5.9456	5.9063	5.8721	5.8571	5.8640	5.8791	5.8861
	P	2.6348	2.5841	2.4414	2.2335	1.9973	1.7751	1.5993	1.4897	1.4527
	U	9.5052	9.7118	10.3028	11.1952	12.2611	13.3422	14.2693	14.8921	15.1111
	V	-2.7173	-2.7013	-2.6554	-2.5848	-2.4885	-2.3663	-2.2238	-2.1004	-2.0506
	W	0.0	1.2544	2.3362	3.0934	3.4095	3.2136	2.5019	1.3684	0.0000
0.900	A	7.8392	7.7693	7.5676	7.2584	6.8826	6.4971	6.1674	5.9488	5.8728
	RHO	5.9475	5.9412	5.9237	5.8997	5.8765	5.8614	5.8569	5.8583	5.8595
	P	2.6107	2.5616	2.4232	2.2202	1.9883	1.7673	1.5913	1.4808	1.4435
	U	9.4718	9.6790	10.2715	11.1662	12.2348	13.3190	14.2490	14.8740	15.0939
	V	-2.9831	-2.9650	-2.9132	-2.8328	-2.7262	-2.5913	-2.4367	-2.3037	-2.2505
	W	0.0	1.2920	2.4055	3.1828	3.5031	3.2947	2.5585	1.3965	0.0000
1.000	A	7.8280	7.7570	7.5528	7.2410	6.8645	6.4813	6.1560	5.9415	5.8671
	RHO	5.9048	5.9031	5.8978	5.8888	5.8763	5.8612	5.8462	5.8349	5.8307
	P	2.5845	2.5371	2.4031	2.2055	1.9778	1.7587	1.5825	1.4713	1.4336
THS/THC		1.1718	1.1705	1.1666	1.1596	1.1496	1.1371	1.1243	1.1147	1.1111

M=20.0, THC=45.0, ALPHA/THC=0.25, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.8246	8.9341	9.2482	9.7293	10.3150	10.9217	11.4484	11.7981	11.9177
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.7773	1.4608	1.9639	2.2029	2.1018	1.6253	0.8636	0.0000
0.0	A	8.0886	8.0571	7.9666	7.8292	7.6646	7.5005	7.3662	7.2811	7.2522
	RHO	6.1667	6.0476	5.7155	5.2391	4.7113	4.2280	3.8628	3.6447	3.5729
	P	2.8818	2.8042	2.5911	2.2938	1.9770	1.6990	1.4971	1.3832	1.3422
	U	8.8244	9.0046	9.5315	10.3704	11.4681	12.7874	14.2121	15.3278	15.7409
	V	-0.0876	-0.0870	-0.0852	-0.0824	-0.0790	-0.0754	-0.0712	-0.0665	-0.0643
	W	0.0	0.8423	1.5584	2.0328	2.1697	1.9190	1.3806	0.7254	0.0000
0.025	A	8.0885	8.0397	7.8952	7.6582	7.3301	6.9015	6.3447	5.8204	5.6075
	RHO	6.1665	6.0738	5.8203	5.4774	5.1531	4.9950	5.2073	5.7035	5.9758
	P	2.8817	2.8042	2.5915	2.2946	1.9777	1.6994	1.4973	1.3832	1.3422
	U	8.8238	9.0174	9.5822	10.4751	11.6289	12.9710	14.3386	15.3664	15.7407
	V	-0.1744	-0.1731	-0.1695	-0.1638	-0.1565	-0.1492	-0.1414	-0.1327	-0.1285
	W	0.0	0.8857	1.6392	2.1417	2.2998	2.0779	1.5607	0.8523	0.0000
0.050	A	8.0884	8.0357	7.8795	7.6236	7.2723	6.8218	6.2775	5.7972	5.6074
	RHO	6.1659	6.0795	5.8442	5.5288	5.2375	5.1138	5.3199	5.7490	5.9753
	P	2.8813	2.8040	2.5917	2.2952	1.9784	1.6999	1.4974	1.3831	1.3420
	U	8.8217	9.0305	9.6378	10.5887	11.7971	13.1522	14.4590	15.4021	15.7398
	V	-0.3464	-0.3439	-0.3370	-0.3262	-0.3125	-0.2976	-0.2806	-0.2620	-0.2532
	W	0.0	0.9558	1.7715	2.3239	2.5213	2.3342	1.9162	1.0153	0.0000
0.100	A	8.0878	8.0300	7.8591	7.5805	7.2024	6.7329	6.2063	5.7729	5.6070
	RHO	6.1634	6.0856	5.8744	5.5941	5.3426	5.2523	5.4431	5.7959	5.9733
	P	2.8797	2.8029	2.5917	2.2962	1.9796	1.7007	1.4976	1.3797	1.3414
	U	8.8134	9.0394	9.6931	10.7047	11.9634	13.3216	14.5655	15.4310	15.7366
	V	-0.6829	-0.6785	-0.6658	-0.6462	-0.6213	-0.5911	-0.5526	-0.5109	-0.4920
	W	0.0	1.0680	1.9847	2.6185	2.8759	2.7219	2.1643	1.2193	0.0000
0.200	A	8.0853	8.0210	7.8312	7.5247	7.1167	6.6313	6.1297	5.7467	5.6057
	RHO	6.1540	6.0886	5.9116	5.6788	5.4767	5.4180	5.5788	5.8416	5.9663
	P	2.8736	2.7980	2.5896	2.2967	1.9813	1.7018	1.4972	1.3780	1.3392
	U	8.8002	9.0362	9.7166	10.7617	12.0454	13.4014	14.6121	15.4403	15.7313
	V	-1.0095	-1.0031	-0.9851	-0.9575	-0.9215	-0.8763	-0.8147	-0.7494	-0.7203
	W	0.0	1.1602	2.1597	2.8591	3.1598	3.0150	2.4074	1.3528	0.0000
0.300	A	8.0813	8.0124	7.8094	7.4844	7.0582	6.5665	6.0833	5.7307	5.6037
	RHO	6.1390	6.0835	5.9335	5.7371	5.5696	5.5264	5.6596	5.8628	5.9557
	P	2.8637	2.7896	2.5848	2.2955	1.9819	1.7021	1.4960	1.3753	1.3359
	U	8.7826	9.0253	9.7235	10.7903	12.0893	13.4430	14.6337	15.4419	15.7242
	V	-1.3262	-1.3180	-1.2947	-1.2593	-1.2133	-1.1519	-1.0672	-0.9790	-0.9403
	W	0.0	1.2407	2.3119	3.0665	3.3997	3.2532	2.5953	1.4522	0.0000
0.400	A	8.0760	8.0033	7.7900	7.4508	7.0119	6.5177	6.0496	5.7186	5.6012
	RHO	6.1188	6.0722	5.9462	5.7813	5.6419	5.6078	5.7151	5.8722	5.9423
	P	2.8506	2.7782	2.5774	2.2924	1.9814	1.7016	1.4940	1.3717	1.3316
	U	8.7610	9.0085	9.7192	10.8010	12.1102	13.4626	14.6412	15.4366	15.7155
	V	-1.6337	-1.6235	-1.5950	-1.5516	-1.4948	-1.4180	-1.3107	-1.2009	-1.1534
	W	0.0	1.3128	2.4477	3.2500	3.6081	3.4535	2.7475	1.5305	0.0000
0.500	A	8.0694	7.9936	7.7717	7.4211	6.9728	6.4782	6.0229	5.7084	5.5981
	RHO	6.0939	6.0556	5.9518	5.8157	5.7008	5.6722	5.7552	5.8741	5.9261
	P	2.8343	2.7638	2.5677	2.2877	1.9798	1.7004	1.4912	1.3672	1.3266
	U	8.7358	8.9868	9.7064	10.7989	12.1155	13.4677	14.6396	15.4284	15.7051
	V	-1.9326	-1.9234	-1.8864	-1.8348	-1.7672	-1.6747	-1.5459	-1.4162	-1.3605
	W	0.0	1.3784	2.5707	3.4148	3.7921	3.6257	2.8744	1.5943	0.0000
0.600	A	8.0617	7.9831	7.7539	7.3939	6.9385	6.4449	6.0006	5.6995	5.5946
	RHO	6.0646	6.0342	5.9514	5.8424	5.7496	5.7245	5.7844	5.8704	5.9076
	P	2.8153	2.7468	2.5558	2.2815	1.9772	1.6984	1.4877	1.3621	1.3208
	U	8.7075	8.9609	9.6868	10.7871	12.1094	13.4624	14.6314	15.4175	15.6933
	V	-2.2235	-2.2092	-2.1693	-2.1090	-2.0304	-1.9224	-1.7735	-1.6255	-1.5624
	W	0.0	1.4386	2.6832	3.5643	3.9565	3.7759	2.9821	1.6476	0.0000
0.700	A	8.0528	7.9718	7.7364	7.3686	6.9078	6.4159	5.9815	5.6911	5.5907
	RHO	6.0314	6.0084	5.9458	5.8625	5.7904	5.7673	5.8056	5.8624	5.8869
	P	2.7937	2.7274	2.5419	2.2737	1.9736	1.6957	1.4837	1.3563	1.3143
	U	8.6763	8.9313	9.6618	10.7677	12.0945	13.4495	14.6184	15.4043	15.6801
	V	-2.5071	-2.4936	-2.4444	-2.3750	-2.2848	-2.1615	-1.9938	-1.8294	-1.7597
	W	0.0	1.4943	2.7869	3.7011	4.1047	3.9082	3.0748	1.6927	0.0000
0.800	A	8.0429	7.9598	7.7189	7.3446	6.8797	6.3991	5.9645	5.6833	5.5864
	RHO	5.9942	5.9785	5.9353	5.8769	5.8243	5.8026	5.8202	5.8508	5.8641
	P	2.7697	2.7057	2.5260	2.2644	1.9691	1.6925	1.4790	1.3498	1.3072
	U	8.6425	8.8987	9.6322	10.7420	12.0726	13.4304	14.6017	15.3892	15.6657
	V	-2.7841	-2.7652	-2.7123	-2.6331	-2.5308	-2.3925	-2.2074	-2.0283	-1.9529
	W	0.0	1.5461	2.8830	3.8269	4.2392	4.0259	3.1555	1.7314	0.0000
0.900	A	8.0319	7.9470	7.7014	7.3216	6.8539	6.3670	5.9492	5.6756	5.5816
	RHO	5.9536	5.9448	5.9204	5.8862	5.8523	5.8316	5.8296	5.8361	5.8393
	P	2.7434	2.6818	2.5082	2.2538	1.9637	1.6886	1.4738	1.3428	1.2994
	U	8.6064	8.8633	9.5987	10.7113	12.0451	13.4068	14.5818	15.3724	15.6500
	V	-3.0551	-3.0336	-2.9736	-2.8840	-2.7693	-2.6159	-2.4149	-2.2229	-2.1424
	W	0.0	1.5944	2.9724	3.9432	4.3619	4.1312	3.2262	1.7649	0.0000
1.000	A	8.0199	7.9334	7.6836	7.2994	6.8297	6.3459	5.9352	5.6681	5.5765
	RHO	5.9093	5.9074	5.9012	5.8906	5.8753	5.8552	5.8345	5.8186	5.8126
	P	2.7149	2.6558	2.4885	2.2418	1.9574	1.6842	1.4681	1.3352	1.2911
THS/THC		1.1836	1.1823	1.1780	1.1702	1.1581	1.1420	1.1245	1.1139	1.1058

M=20.0, THC=45.0, ALPHA/THC=0.30, GAMMA=1.4, BETA*SIN(THC)=14.1245

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.9307	8.0686	8.4650	9.0751	9.8249	10.6140	11.3133	11.7810	11.9386
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.9792	1.8465	2.4996	2.8401	2.7641	2.1726	1.1491	0.0000
0.0	A	8.2717	8.2334	8.1232	7.9547	7.7509	7.5455	7.3799	7.2789	7.2453
	RHO	6.1812	6.0395	5.6458	5.0841	4.4654	3.9043	3.4942	3.2616	3.1869
	P	3.0209	2.9244	2.6611	2.2979	1.9162	1.5878	1.3593	1.2344	1.1950
	U	7.9305	8.1338	8.7257	9.6667	10.8929	12.3613	14.1677	15.6915	16.2555
	V	-0.0904	-0.0896	-0.0875	-0.0842	-0.0797	-0.0759	-0.0717	-0.0652	-0.0618
	W	0.0	1.0345	1.9226	2.5283	2.7340	2.4247	1.6773	0.8636	0.0000
0.025	A	8.2716	8.2188	8.0629	7.8128	7.4593	7.0281	6.3607	5.6150	5.3057
	RHO	6.1810	6.0613	5.7322	5.2734	4.8245	4.5025	4.7046	5.4812	5.9426
	P	3.0207	2.9245	2.6618	2.2992	1.9174	1.5886	1.3596	1.2344	1.1949
	U	7.9298	8.1497	8.7896	9.8024	11.1096	12.6529	14.3851	15.7576	16.2553
	V	-0.1799	-0.1784	-0.1740	-0.1673	-0.1581	-0.1491	-0.1411	-0.1300	-0.1238
	W	0.0	1.0768	1.9988	2.6254	2.8389	2.5491	1.8712	1.0252	0.0000
0.050	A	8.2715	8.2143	8.0454	7.7711	7.3902	6.9138	6.2448	5.5746	5.3056
	RHO	6.1803	6.0678	5.7585	5.3329	4.9183	4.6550	4.8818	5.5608	5.9420
	P	3.0203	2.9244	2.6624	2.3004	1.9187	1.5894	1.3599	1.2343	1.1948
	U	7.9274	8.1670	8.8632	9.9562	11.3490	12.9452	14.5906	15.8184	16.2546
	V	-0.3570	-0.3541	-0.3458	-0.3332	-0.3161	-0.2988	-0.2811	-0.2566	-0.2434
	W	0.0	1.1486	2.1320	2.8039	3.0468	2.8010	2.1693	1.2328	0.0000
0.100	A	8.2708	8.2078	8.0216	7.7178	7.3022	6.7816	6.1239	5.5328	5.3053
	RHO	6.1778	6.0753	5.7943	5.4117	5.0438	4.8430	5.0784	5.6439	5.9401
	P	3.0185	2.9234	2.6631	2.3025	1.9211	1.5910	1.3604	1.2341	1.1942
	U	7.9181	8.1808	8.9408	10.1210	11.5973	13.2223	14.7725	15.8685	16.2515
	V	-0.7030	-0.6976	-0.6826	-0.6604	-0.6311	-0.5993	-0.5573	-0.4998	-0.4710
	W	0.0	1.2688	2.3588	3.1140	3.4179	3.2309	2.5944	1.4902	0.0000
0.200	A	8.2681	8.1972	7.9874	7.6469	7.1885	6.6278	5.9963	5.4896	5.3041
	RHO	6.1678	6.0807	5.8422	5.5198	5.2164	5.0802	5.2998	5.7277	5.9332
	P	3.0117	2.9184	2.6623	2.3055	1.9254	1.5940	1.3611	1.2329	1.1923
	U	7.9034	8.1799	8.9777	10.2070	11.7257	13.3568	14.8544	15.8872	16.2468
	V	-1.0379	-1.0302	-1.0093	-0.9786	-0.9393	-0.8934	-0.8233	-0.7319	-0.6877
	W	0.0	1.3717	2.5535	3.3811	3.7363	3.5774	2.8972	1.6563	0.0000
0.300	A	8.2639	8.1870	7.9603	7.5945	7.1086	6.5292	5.9211	5.4645	5.3023
	RHO	6.1520	6.0777	5.8742	5.5996	5.3447	5.2441	5.4365	5.7712	5.9231
	P	3.0010	2.9098	2.6588	2.3069	1.9291	1.5969	1.3614	1.2310	1.1895
	U	7.8839	8.1699	8.9931	10.2548	11.7992	13.4312	14.8960	15.8933	16.2403
	V	-1.3620	-1.3522	-1.3255	-1.2868	-1.2383	-1.1780	-1.0793	-0.9547	-0.8961
	W	0.0	1.4636	2.7275	3.6187	4.0157	3.8672	3.1324	1.7781	0.0000
0.400	A	8.2582	8.1765	7.9361	7.5506	7.0445	6.4552	5.8677	5.4467	5.3000
	RHO	6.1309	6.0683	5.8966	5.6645	5.4509	5.3734	5.5352	5.7965	5.9104
	P	2.9865	2.8978	2.6527	2.3068	1.9321	1.5994	1.3612	1.2283	1.1859
	U	7.8601	8.1528	8.9941	10.2782	11.8397	13.4713	14.9155	15.8921	16.2324
	V	-1.6762	-1.6642	-1.6316	-1.5847	-1.5271	-1.4521	-1.3252	-1.1695	-1.0977
	W	0.0	1.5474	2.8858	3.8337	4.2644	4.1151	3.3230	1.8729	0.0000
0.500	A	8.2512	8.1653	7.9133	7.5118	6.9901	6.3958	5.8266	5.4327	5.2973
	RHO	6.1049	6.0533	5.9115	5.7193	5.5427	5.4812	5.6110	5.8109	5.8953
	P	2.9688	2.8828	2.6442	2.3051	1.9345	1.6015	1.3606	1.2250	1.1816
	U	7.8324	8.1300	8.9841	10.2841	11.8575	13.4890	14.9210	15.8863	16.2230
	V	-1.9811	-1.9667	-1.9280	-1.8727	-1.8055	-1.7153	-1.5616	-1.3771	-1.2934
	W	0.0	1.6248	3.0315	4.0302	4.4881	4.3305	3.4813	1.9492	0.0000
0.600	A	8.2429	8.1534	7.8914	7.4763	6.9426	6.3463	5.7935	5.4210	5.2942
	RHO	6.0744	6.0334	5.9202	5.7660	5.6237	5.5737	5.6712	5.8177	5.8781
	P	2.9481	2.8649	2.6334	2.3021	1.9361	1.6034	1.3596	1.2212	1.1768
	U	7.8014	8.1024	8.9657	10.2770	11.8589	13.4912	14.9171	15.8770	16.2123
	V	-2.2773	-2.2606	-2.2152	-2.1509	-2.0734	-1.9679	-1.7889	-1.5786	-1.4841
	W	0.0	1.6968	3.1665	4.2112	4.6913	4.5198	3.6151	2.0121	0.0000
0.700	A	8.2335	8.1408	7.8699	7.4433	6.9092	6.3039	5.7659	5.4108	5.2907
	RHO	6.0398	6.0089	5.9235	5.8059	5.6961	5.6546	5.7200	5.8139	5.8590
	P	2.9246	2.8445	2.6205	2.2976	1.9372	1.6051	1.3583	1.2169	1.1714
	U	7.7673	8.0707	8.9402	10.2594	11.8475	13.4819	14.9063	15.8651	16.2004
	V	-2.5658	-2.5464	-2.4939	-2.4197	-2.3312	-2.2102	-2.0077	-1.7743	-1.6705
	W	0.0	1.7641	3.2924	4.3788	4.8759	4.6875	3.7297	2.0649	0.0000
0.800	A	8.2230	8.1273	7.8487	7.4123	6.8618	6.2671	5.7423	5.4017	5.2869
	RHO	6.0013	5.9802	5.9217	5.8400	5.7614	5.7264	5.7601	5.8157	5.8380
	P	2.8995	2.8216	2.6056	2.2919	1.9377	1.6065	1.3567	1.2121	1.1656
	U	7.7305	8.0355	8.9091	10.2335	11.8265	13.4640	14.8904	15.8511	16.1873
	V	-2.8471	-2.8249	-2.7647	-2.6799	-2.5791	-2.4423	-2.2184	-1.9648	-1.8528
	W	0.0	1.8272	3.4102	4.5346	5.0454	4.8372	3.8288	2.1095	0.0000
0.900	A	8.2114	8.1131	7.8276	7.3828	6.8265	6.2347	5.7219	5.3932	5.2828
	RHO	5.9590	5.9476	5.9153	5.8686	5.8203	5.7906	5.7933	5.8089	5.8153
	P	2.8700	2.7953	2.5888	2.2848	1.9375	1.6078	1.3548	1.2069	1.1592
	U	7.6914	7.9972	8.8731	10.2007	11.7975	13.4392	14.8705	15.8353	16.1730
	V	-3.1221	-3.0969	-3.0283	-2.9317	-2.8177	-2.6649	-2.4215	-2.1509	-2.0318
	W	0.0	1.8867	3.5208	4.6799	5.2014	4.9715	3.9152	2.1477	0.0000
1.000	A	8.1987	8.0981	7.8064	7.3546	6.7945	6.2059	5.7040	5.3853	5.2784
	RHO	5.9132	5.9111	5.9043	5.8922	5.8737	5.8486	5.8209	5.7991	5.7908
	P	2.8392	2.7689	2.5701	2.2765	1.9369	1.6090	1.3527	1.2013	1.1524
THS/THC		1.1974	1.1961	1.1918	1.1836	1.1731	1.1503	1.1269	1.1079	1.1008

M= 3.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 2.0853

XI	PHI	0.0
	U	1.4298
	V	0.0000
	W	0.0
-0.000	A	1.5463
	RHO	3.7627
	P	2.6272
	U	1.4297
	V	-0.0305
	W	0.0
0.025	A	1.5463
	RHO	3.7623
	P	2.6269
	U	1.4292
	V	-0.0601
	W	0.0
0.050	A	1.5462
	RHO	3.7613
	P	2.6259
	U	1.4274
	V	-0.1164
	W	0.0
0.100	A	1.5459
	RHO	3.7575
	P	2.6221
	U	1.4211
	V	-0.2193
	W	0.0
0.200	A	1.5448
	RHO	3.7445
	P	2.6055
	U	1.4119
	V	-0.3112
	W	0.0
0.300	A	1.5433
	RHO	3.7266
	P	2.5920
	U	1.4009
	V	-0.3938
	W	0.0
0.400	A	1.5416
	RHO	3.7054
	P	2.5714
	U	1.3885
	V	-0.4686
	W	0.0
0.500	A	1.5397
	RHO	3.6822
	P	2.5489
	U	1.3752
	V	-0.5367
	W	0.0
0.600	A	1.5376
	RHO	3.6575
	P	2.5250
	U	1.3614
	V	-0.5990
	W	0.0
0.700	A	1.5354
	RHO	3.6320
	P	2.5004
	U	1.3474
	V	-0.6563
	W	0.0
0.800	A	1.5332
	RHO	3.6059
	P	2.4753
	U	1.3333
	V	-0.7092
	W	0.0
0.900	A	1.5310
	RHO	3.5795
	P	2.4499
	U	1.3193
	V	-0.7583
	W	0.0
1.000	A	1.5287
	RHO	3.5529
	P	2.4245
THS/THC		1.3455

M= 4.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 2.8555

XI		PHI 0.0
	U	2.1467
	V	C.0000
	W	0.0
-0.000	A	1.8106
	RHO	4.4185
	P	2.3793
	U	2.1467
	V	-0.0275
	W	C.0
0.C25	A	1.8106
	RHO	4.4183
	P	2.3791
	U	2.1464
	V	-0.0546
	W	0.0
0.05C	A	1.8105
	RHO	4.4175
	P	2.3785
	U	2.1454
	V	-0.1070
	W	C.0
C.100	A	1.8103
	RHO	4.4147
	P	2.3764
	U	2.1417
	V	-0.2064
	W	0.0
C.200	A	1.8095
	RHO	4.4045
	P	2.3687
	U	2.1360
	V	-C.2990
	W	0.0
0.300	A	1.8082
	RHO	4.3894
	P	2.3574
	U	2.1287
	V	-0.3858
	W	0.0
0.400	A	1.8067
	RHO	4.3705
	P	2.3431
	U	2.1201
	V	-C.4673
	W	C.0
0.500	A	1.8048
	RHO	4.3484
	P	2.3266
	U	2.11C4
	V	-0.5442
	W	0.0
0.600	A	1.8028
	RHO	4.3239
	P	2.3082
	U	2.0999
	V	-C.6169
	W	0.0
0.700	A	1.80C6
	RHO	4.2572
	P	2.2883
	U	2.0886
	V	-0.6859
	W	C.0
0.8C0	A	1.7982
	RHO	4.2688
	P	2.2672
	U	2.0769
	V	-C.7516
	W	C.0
C.900	A	1.7956
	RHO	4.2389
	P	2.2450
	U	2.0648
	V	-C.8142
	W	C.0
1.0C0	A	1.7930
	RHO	4.2C75
	P	2.2218

THS/THC 1.2405

M= 4.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 2.8555

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	2.1130	2.1141	2.1172	2.1217	2.1271	2.1325	2.1371	2.1402	2.1412
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0073	0.0135	0.0177	0.0191	0.0177	0.0135	0.0073	0.0000
	A	1.8185	1.8183	1.8176	1.8165	1.8152	1.8139	1.8129	1.8122	1.8119
	RHO	4.4359	4.4328	4.4240	4.4110	4.3956	4.3803	4.3674	4.3588	4.3558
	P	2.4096	2.4072	2.4006	2.3906	2.3790	2.3674	2.3577	2.3512	2.3489
0.025	U	2.1129	2.1154	2.1226	2.1333	2.1461	2.1590	2.1700	2.1774	2.1800
	V	-0.0277	-0.0277	-0.0276	-0.0276	-0.0275	-0.0275	-0.0275	-0.0275	-0.0275
	W	0.0	0.0089	0.0165	0.0216	0.0233	0.0215	0.0165	0.0089	0.0000
	A	1.8185	1.8179	1.8162	1.8137	1.8107	1.8076	1.8050	1.8032	1.8026
	RHO	4.4356	4.4342	4.4301	4.4241	4.4172	4.4107	4.4053	4.4018	4.4005
	P	2.4094	2.4070	2.4004	2.3905	2.3788	2.3672	2.3575	2.3510	2.3487
0.050	U	2.1127	2.1152	2.1223	2.1331	2.1459	2.1588	2.1698	2.1771	2.1797
	V	-0.0548	-0.0547	-0.0547	-0.0546	-0.0546	-0.0545	-0.0544	-0.0544	-0.0544
	W	0.0	0.0096	0.0177	0.0231	0.0251	0.0232	0.0177	0.0096	0.0000
	A	1.8184	1.8179	1.8162	1.8136	1.8106	1.8075	1.8049	1.8032	1.8025
	RHO	4.4349	4.4334	4.4294	4.4235	4.4166	4.4100	4.4046	4.4010	4.3998
	P	2.4088	2.4065	2.3998	2.3899	2.3783	2.3667	2.3569	2.3504	2.3482
0.100	U	2.1116	2.1142	2.1214	2.1322	2.1450	2.1578	2.1688	2.1761	2.1787
	V	-0.1074	-0.1074	-0.1073	-0.1072	-0.1071	-0.1069	-0.1068	-0.1067	-0.1067
	W	0.0	0.0104	0.0193	0.0253	0.0274	0.0253	0.0194	0.0105	0.0000
	A	1.8182	1.8176	1.8159	1.8134	1.8104	1.8073	1.8047	1.8029	1.8023
	RHO	4.4320	4.4306	4.4266	4.4207	4.4140	4.4073	4.4019	4.3983	4.3970
	P	2.4066	2.4043	2.3977	2.3878	2.3762	2.3646	2.3549	2.3484	2.3461
0.200	U	2.1079	2.1104	2.1176	2.1285	2.1413	2.1542	2.1651	2.1725	2.1750
	V	-0.2071	-0.2071	-0.2069	-0.2067	-0.2064	-0.2061	-0.2059	-0.2058	-0.2057
	W	0.0	0.0116	0.0214	0.0280	0.0304	0.0281	0.0216	0.0117	0.0000
	A	1.8174	1.8168	1.8151	1.8125	1.8095	1.8064	1.8038	1.8021	1.8015
	RHO	4.4217	4.4204	4.4164	4.4107	4.4039	4.3974	4.3919	4.3882	4.3870
	P	2.3988	2.3965	2.3899	2.3801	2.3685	2.3570	2.3473	2.3408	2.3386
0.300	U	2.1021	2.1046	2.1119	2.1228	2.1357	2.1485	2.1595	2.1668	2.1694
	V	-0.3001	-0.3000	-0.2998	-0.2995	-0.2991	-0.2987	-0.2984	-0.2981	-0.2980
	W	0.0	0.0123	0.0228	0.0299	0.0324	0.0300	0.0230	0.0124	0.0000
	A	1.8161	1.8155	1.8138	1.8113	1.8082	1.8052	1.8026	1.8009	1.8003
	RHO	4.4065	4.4051	4.4013	4.3956	4.3890	4.3824	4.3769	4.3733	4.3721
	P	2.3872	2.3849	2.3784	2.3686	2.3572	2.3458	2.3361	2.3297	2.3275
0.400	U	2.0947	2.0972	2.1045	2.1155	2.1284	2.1413	2.1523	2.1596	2.1622
	V	-0.3871	-0.3870	-0.3868	-0.3864	-0.3859	-0.3854	-0.3849	-0.3846	-0.3845
	W	0.0	0.0129	0.0239	0.0312	0.0339	0.0313	0.0240	0.0130	0.0000
	A	1.8145	1.8139	1.8122	1.8097	1.8067	1.8036	1.8010	1.7993	1.7987
	RHO	4.3873	4.3860	4.3822	4.3766	4.3701	4.3636	4.3582	4.3546	4.3533
	P	2.3727	2.3704	2.3639	2.3543	2.3429	2.3316	2.3221	2.3157	2.3135
0.500	U	2.0860	2.0885	2.0958	2.1068	2.1198	2.1327	2.1437	2.1511	2.1537
	V	-0.4689	-0.4688	-0.4685	-0.4680	-0.4674	-0.4668	-0.4663	-0.4660	-0.4659
	W	0.0	0.0133	0.0247	0.0323	0.0350	0.0324	0.0249	0.0135	0.0000
	A	1.8127	1.8121	1.8104	1.8078	1.8048	1.8018	1.7992	1.7975	1.7969
	RHO	4.3650	4.3637	4.3600	4.3546	4.3481	4.3418	4.3364	4.3328	4.3315
	P	2.3558	2.3536	2.3472	2.3377	2.3264	2.3153	2.3058	2.2995	2.2973
0.600	U	2.0762	2.0788	2.0861	2.0971	2.1101	2.1231	2.1341	2.1415	2.1441
	V	-0.5459	-0.5458	-0.5455	-0.5449	-0.5443	-0.5436	-0.5431	-0.5427	-0.5426
	W	0.0	0.0137	0.0254	0.0332	0.0360	0.0333	0.0255	0.0138	0.0000
	A	1.8106	1.8100	1.8083	1.8058	1.8028	1.7998	1.7972	1.7955	1.7949
	RHO	4.3401	4.3389	4.3353	4.3299	4.3236	4.3174	4.3120	4.3085	4.3073
	P	2.3371	2.3349	2.3286	2.3191	2.3081	2.2970	2.2877	2.2815	2.2793
0.700	U	2.0655	2.0681	2.0755	2.0865	2.0996	2.1126	2.1237	2.1311	2.1337
	V	-0.6188	-0.6186	-0.6183	-0.6177	-0.6170	-0.6163	-0.6157	-0.6153	-0.6152
	W	0.0	0.0140	0.0259	0.0339	0.0368	0.0340	0.0261	0.0141	0.0000
	A	1.8084	1.8078	1.8061	1.8035	1.8005	1.7975	1.7950	1.7933	1.7927
	RHO	4.3132	4.3120	4.3085	4.3032	4.2970	4.2909	4.2857	4.2821	4.2809
	P	2.3168	2.3146	2.3084	2.2991	2.2882	2.2773	2.2681	2.2620	2.2598
0.800	U	2.0542	2.0568	2.0642	2.0753	2.0884	2.1015	2.1126	2.1200	2.1226
	V	-0.6878	-0.6877	-0.6873	-0.6867	-0.6860	-0.6853	-0.6846	-0.6842	-0.6841
	W	0.0	0.0143	0.0264	0.0345	0.0374	0.0346	0.0266	0.0144	0.0000
	A	1.8059	1.8053	1.8037	1.8011	1.7982	1.7952	1.7926	1.7909	1.7903
	RHO	4.2845	4.2833	4.2799	4.2747	4.2687	4.2626	4.2575	4.2540	4.2528
	P	2.2952	2.2931	2.2870	2.2778	2.2671	2.2563	2.2473	2.2412	2.2391
0.900	U	2.0424	2.0450	2.0524	2.0635	2.0766	2.0898	2.1009	2.1084	2.1110
	V	-0.7535	-0.7534	-0.7530	-0.7524	-0.7517	-0.7509	-0.7502	-0.7498	-0.7496
	W	0.0	0.0145	0.0268	0.0351	0.0380	0.0352	0.0270	0.0146	0.0000
	A	1.8034	1.8028	1.8011	1.7986	1.7956	1.7926	1.7901	1.7884	1.7878
	RHO	4.2542	4.2530	4.2497	4.2447	4.2388	4.2328	4.2278	4.2244	4.2232
	P	2.2726	2.2705	2.2644	2.2554	2.2449	2.2343	2.2253	2.2194	2.2173
1.000	U	2.0301	2.0327	2.0402	2.0513	2.0645	2.0776	2.0888	2.0963	2.0989
	V	-0.8162	-0.8161	-0.8157	-0.8150	-0.8143	-0.8135	-0.8129	-0.8124	-0.8122
	W	0.0	0.0147	0.0272	0.0355	0.0385	0.0356	0.0273	0.0148	0.0000
	A	1.8007	1.8001	1.7984	1.7959	1.7930	1.7900	1.7875	1.7858	1.7852
	RHO	4.2226	4.2214	4.2182	4.2133	4.2075	4.2016	4.1967	4.1934	4.1922
	P	2.2489	2.2469	2.2410	2.2321	2.2217	2.2113	2.2024	2.1966	2.1945
THS/THC		1.2426	1.2425	1.2420	1.2414	1.2406	1.2397	1.2391	1.2386	1.2384

M= 4.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 2.8555

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.9730	1.9787	1.9949	2.0192	2.0479	2.0765	2.1007	2.1168	2.1225
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0388	0.0718	0.0938	0.1015	0.0935	0.0714	0.0385	0.0000
0.0	A	1.8497	1.8484	1.8447	1.8392	1.8328	1.8264	1.8211	1.8176	1.8163
	RHO	4.5028	4.4870	4.4424	4.3766	4.3006	4.2264	4.1649	4.1247	4.1106
	P	2.5305	2.5181	2.4832	2.4318	2.3729	2.3158	2.2688	2.2381	2.2275
	U	1.9729	1.9845	2.0180	2.0694	2.1522	2.1974	2.2549	2.2945	2.3086
	V	-0.0281	-0.0281	-0.0280	-0.0278	-0.0276	-0.0275	-0.0273	-0.0272	-0.0271
	W	0.0	0.0452	0.0834	0.1086	0.1171	0.1077	0.0821	0.0443	0.0000
0.025	A	1.8497	1.8471	1.8396	1.8278	1.8132	1.7977	1.7837	1.7738	1.7703
	RHO	4.5025	4.4931	4.4671	4.4312	4.3937	4.3623	4.3411	4.3301	4.3269
	P	2.5303	2.5179	2.4830	2.4317	2.3728	2.3157	2.2687	2.2380	2.2273
	U	1.9726	1.9845	2.0186	2.0708	2.1339	2.1950	2.2558	2.2946	2.3084
	V	-0.0556	-0.0556	-0.0554	-0.0551	-0.0547	-0.0544	-0.0541	-0.0539	-0.0538
	W	0.0	0.0480	0.0888	0.1160	0.1256	0.1161	0.0889	0.0481	0.0000
0.050	A	1.8496	1.8470	1.8392	1.8273	1.8126	1.7971	1.7833	1.7737	1.7702
	RHO	4.5017	4.4927	4.4676	4.4328	4.3960	4.3644	4.3422	4.3300	4.3262
	P	2.5297	2.5173	2.4824	2.4312	2.3723	2.3152	2.2682	2.2375	2.2268
	U	1.9715	1.9836	2.0185	2.0713	2.1349	2.1958	2.2559	2.2940	2.3074
	V	-0.1092	-0.1090	-0.1087	-0.1081	-0.1074	-0.1067	-0.1061	-0.1056	-0.1055
	W	0.0	0.0520	0.0962	0.1261	0.1371	0.1272	0.0977	0.0531	0.0000
0.100	A	1.8494	1.8466	1.8387	1.8266	1.8117	1.7963	1.7827	1.7733	1.7700
	RHO	4.4988	4.4901	4.4662	4.4326	4.3966	4.3648	4.3415	4.3279	4.3235
	P	2.5274	2.5151	2.4803	2.4292	2.3704	2.3133	2.2663	2.2355	2.2249
	U	1.9675	1.9799	2.0153	2.0689	2.1329	2.1936	2.2532	2.2907	2.3039
	V	-0.2105	-0.2102	-0.2096	-0.2085	-0.2072	-0.2058	-0.2045	-0.2035	-0.2032
	W	0.0	0.0572	0.1061	0.1394	0.1519	0.1414	0.1089	0.0592	0.0000
0.200	A	1.8485	1.8457	1.8376	1.8252	1.8102	1.7949	1.7815	1.7724	1.7692
	RHO	4.4880	4.4799	4.4574	4.4255	4.3904	4.3584	4.3339	4.3188	4.3138
	P	2.5189	2.5067	2.4723	2.4216	2.3632	2.3063	2.2593	2.2286	2.2179
	U	1.9613	1.9739	2.0097	2.0637	2.1279	2.1928	2.2482	2.2854	2.2986
	V	-0.3048	-0.3045	-0.3035	-0.3021	-0.3003	-0.2982	-0.2963	-0.2949	-0.2944
	W	0.0	0.0609	0.1129	0.1484	0.1619	0.1508	0.1162	0.0632	0.0000
0.300	A	1.8472	1.8443	1.8361	1.8236	1.8086	1.7933	1.7801	1.7712	1.7680
	RHO	4.4719	4.4643	4.4429	4.4123	4.3780	4.3460	4.3208	4.3050	4.2996
	P	2.5063	2.4943	2.4603	2.4102	2.3523	2.2958	2.2490	2.2183	2.2077
	U	1.9535	1.9661	2.0022	2.0565	2.1210	2.1860	2.2414	2.2786	2.2917
	V	-0.3929	-0.3925	-0.3914	-0.3896	-0.3873	-0.3848	-0.3823	-0.3805	-0.3798
	W	0.0	0.0636	0.1181	0.1552	0.1693	0.1577	0.1216	0.0661	0.0000
0.400	A	1.8455	1.8426	1.8343	1.8218	1.8068	1.7916	1.7785	1.7697	1.7666
	RHO	4.4517	4.4445	4.4242	4.3946	4.3612	4.3294	4.3038	4.2874	4.2818
	P	2.4905	2.4786	2.4452	2.3958	2.3385	2.2825	2.2360	2.2055	2.1949
	U	1.9443	1.9570	1.9933	2.0479	2.1126	2.1777	2.2332	2.2704	2.2835
	V	-0.4754	-0.4750	-0.4738	-0.4717	-0.4691	-0.4661	-0.4632	-0.4611	-0.4603
	W	0.0	0.0659	0.1222	0.1607	0.1752	0.1632	0.1257	0.0684	0.0000
0.500	A	1.8436	1.8407	1.8323	1.8198	1.8048	1.7896	1.7767	1.7679	1.7649
	RHO	4.4283	4.4215	4.4020	4.3735	4.3409	4.3093	4.2836	4.2668	4.2610
	P	2.4722	2.4606	2.4277	2.3790	2.3225	2.2670	2.2209	2.1906	2.1800
	U	1.9340	1.9468	1.9832	2.0380	2.1030	2.1683	2.2239	2.2612	2.2743
	V	-0.5531	-0.5526	-0.5513	-0.5491	-0.5461	-0.5428	-0.5396	-0.5372	-0.5363
	W	0.0	0.0677	0.1256	0.1651	0.1800	0.1675	0.1291	0.0702	0.0000
0.600	A	1.8414	1.8385	1.8301	1.8176	1.8026	1.7875	1.7746	1.7660	1.7629
	RHO	4.4023	4.3958	4.3772	4.3497	4.3179	4.2867	4.2608	4.2438	4.2379
	P	2.4519	2.4405	2.4082	2.3603	2.3046	2.2498	2.2041	2.1739	2.1634
	U	1.9229	1.9357	1.9723	2.0273	2.0924	2.1580	2.2137	2.2512	2.2643
	V	-0.6264	-0.6259	-0.6244	-0.6221	-0.6189	-0.6153	-0.6119	-0.6093	-0.6083
	W	0.0	0.0693	0.1285	0.1688	0.1840	0.1711	0.1318	0.0716	0.0000
0.700	A	1.8390	1.8361	1.8278	1.8152	1.8003	1.7852	1.7724	1.7639	1.7608
	RHO	4.3742	4.3680	4.3502	4.3237	4.2926	4.2618	4.2359	4.2188	4.2127
	P	2.4300	2.4188	2.3871	2.3400	2.2852	2.2310	2.1858	2.1559	2.1455
	U	1.9110	1.9239	1.9606	2.0158	2.0812	2.1465	2.2029	2.2404	2.2536
	V	-0.6957	-0.6952	-0.6937	-0.6912	-0.6880	-0.6842	-0.6805	-0.6778	-0.6768
	W	0.0	0.0706	0.1309	0.1719	0.1873	0.1742	0.1341	0.0728	0.0000
0.800	A	1.8365	1.8336	1.8252	1.8127	1.7978	1.7828	1.7701	1.7616	1.7586
	RHO	4.3443	4.3384	4.3213	4.2958	4.2655	4.2351	4.2093	4.1920	4.1859
	P	2.4067	2.3958	2.3647	2.3185	2.2645	2.2111	2.1663	2.1367	2.1264
	U	1.8987	1.9116	1.9485	2.0038	2.0694	2.1353	2.1915	2.2291	2.2424
	V	-0.7615	-0.7610	-0.7595	-0.7569	-0.7536	-0.7497	-0.7459	-0.7430	-0.7420
	W	0.0	0.0717	0.1330	0.1746	0.1901	0.1767	0.1360	0.0738	0.0000
0.900	A	1.8339	1.8309	1.8226	1.8100	1.7952	1.7803	1.7676	1.7592	1.7562
	RHO	4.3129	4.3072	4.2909	4.2663	4.2368	4.2068	4.1810	4.1637	4.1575
	P	2.3824	2.3717	2.3412	2.2959	2.2427	2.1901	2.1458	2.1165	2.1062
	U	1.8860	1.8989	1.9359	1.9914	2.0571	2.1233	2.1796	2.2174	2.2307
	V	-0.8242	-0.8236	-0.8221	-0.8195	-0.8161	-0.8122	-0.8083	-0.8054	-0.8044
	W	0.0	0.0728	0.1348	0.1770	0.1926	0.1785	0.1376	0.0747	0.0000
1.000	A	1.8311	1.8281	1.8198	1.8073	1.7925	1.7776	1.7651	1.7566	1.7537
	RHO	4.2801	4.2747	4.2591	4.2353	4.2066	4.1770	4.1514	4.1340	4.1278
	P	2.3571	2.3466	2.3168	2.2723	2.2200	2.1681	2.1244	2.0953	2.0852
THS/THC		1.2525	1.2518	1.2497	1.2465	1.2425	1.2384	1.2346	1.2321	1.2312

M= 4.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 2.8555

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.7849	1.7971	1.8319	1.8841	1.9461	2.0081	2.0605	2.0952	2.1072
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0830	0.1539	0.2022	0.2197	0.2029	0.1541	0.0825	0.0000
0.0	A	1.8875	1.8849	1.8773	1.8660	1.8528	1.8399	1.8292	1.8223	1.8199
	RHO	4.5809	4.5485	4.4576	4.3251	4.1747	4.0313	3.9158	3.8419	3.8165
	P	2.6808	2.6543	2.5803	2.4735	2.3540	2.2416	2.1522	2.0955	2.0762
	U	1.7848	1.8062	1.8682	1.9651	2.0870	2.2193	2.3413	2.4284	2.4600
	V	-0.0289	-0.0288	-0.0286	-0.0283	-0.0280	-0.0276	-0.0272	-0.0270	-0.0268
	W	0.0	0.0921	0.1700	0.2213	0.2378	0.2173	0.1645	0.0883	0.0000
0.025	A	1.8875	1.8830	1.8698	1.8487	1.8214	1.7904	1.7602	1.7375	1.7290
	RHO	4.5806	4.5573	4.4934	4.4063	4.3201	4.2576	4.2291	4.2256	4.2277
	P	2.6806	2.6541	2.5802	2.4736	2.3541	2.2417	2.1521	2.0954	2.0760
	U	1.7845	1.8067	1.8712	1.9710	2.0950	2.2270	2.3462	2.4297	2.4598
	V	-0.0572	-0.0570	-0.0566	-0.0560	-0.0553	-0.0546	-0.0540	-0.0535	-0.0533
	W	0.0	0.0968	0.1791	0.2341	0.2534	0.2340	0.1791	0.0970	0.0000
0.050	A	1.8874	1.8827	1.8689	1.8470	1.8190	1.7879	1.7584	1.7369	1.7290
	RHO	4.5798	4.5576	4.4968	4.4140	4.3312	4.2690	4.2367	4.2276	4.2270
	P	2.6799	2.6535	2.5798	2.4734	2.3539	2.2414	2.1518	2.0949	2.0755
	U	1.7833	1.8065	1.8733	1.9760	2.1019	2.2336	2.3500	2.4303	2.4589
	V	-0.1121	-0.1118	-0.1111	-0.1099	-0.1086	-0.1072	-0.1059	-0.1048	-0.1044
	W	0.0	0.1036	0.1921	0.2524	0.2752	0.2564	0.1981	0.1080	0.0000
0.100	A	1.8872	1.8822	1.8677	1.8450	1.8163	1.7852	1.7565	1.7362	1.7288
	RHO	4.5766	4.5558	4.4990	4.4210	4.3417	4.2795	4.2429	4.2278	4.2244
	P	2.6773	2.6511	2.5778	2.4718	2.3526	2.2401	2.1503	2.0932	2.0738
	U	1.7788	1.8029	1.8722	1.9777	2.1053	2.2365	2.3505	2.4281	2.4555
	V	-0.2158	-0.2153	-0.2141	-0.2122	-0.2098	-0.2070	-0.2041	-0.2017	-0.2008
	W	0.0	0.1131	0.2103	0.2774	0.3043	0.2854	0.2217	0.1213	0.0000
0.200	A	1.8862	1.8810	1.8657	1.8421	1.8128	1.7818	1.7541	1.7349	1.7280
	RHO	4.5650	4.5462	4.4945	4.4227	4.3476	4.2850	4.2432	4.2216	4.2153
	P	2.6677	2.6420	2.5698	2.4651	2.3468	2.2345	2.1445	2.0871	2.0675
	U	1.7721	1.7967	1.8672	1.9742	2.1028	2.2339	2.3470	2.4234	2.4504
	V	-0.3119	-0.3114	-0.3098	-0.3074	-0.3040	-0.3000	-0.2956	-0.2920	-0.2906
	W	0.0	0.1199	0.2232	0.2949	0.3240	0.3044	0.2367	0.1296	0.0000
0.300	A	1.8848	1.8794	1.8637	1.8396	1.8100	1.7792	1.7521	1.7335	1.7269
	RHO	4.5478	4.5305	4.4828	4.4154	4.3433	4.2805	4.2355	4.2095	4.2019
	P	2.6537	2.6285	2.5576	2.4544	2.3373	2.2256	2.1356	2.0780	2.0583
	U	1.7636	1.7885	1.8599	1.9678	2.0970	2.2283	2.3410	2.4170	2.4438
	V	-0.4014	-0.4008	-0.3990	-0.3961	-0.3921	-0.3870	-0.3813	-0.3767	-0.3748
	W	0.0	0.1253	0.2332	0.3083	0.3389	0.3185	0.2476	0.1355	0.0000
0.400	A	1.8830	1.8775	1.8616	1.8371	1.8074	1.7767	1.7500	1.7319	1.7255
	RHO	4.5263	4.5103	4.4659	4.4025	4.3329	4.2700	4.2227	4.1944	4.1851
	P	2.6361	2.6115	2.5421	2.4406	2.3250	2.2141	2.1242	2.0666	2.0468
	U	1.7536	1.7788	1.8507	1.9594	2.0892	2.2207	2.3334	2.4093	2.4360
	V	-0.4849	-0.4843	-0.4824	-0.4792	-0.4746	-0.4686	-0.4619	-0.4564	-0.4542
	W	0.0	0.1297	0.2414	0.3191	0.3507	0.3294	0.2559	0.1399	0.0000
0.500	A	1.8809	1.8754	1.8592	1.8346	1.8048	1.7743	1.7479	1.7302	1.7239
	RHO	4.5014	4.4867	4.4453	4.3852	4.3180	4.2554	4.2064	4.1759	4.1656
	P	2.6159	2.5918	2.5240	2.4244	2.3103	2.2004	2.1110	2.0533	2.0334
	U	1.7425	1.7678	1.8403	1.9495	2.0798	2.2117	2.3245	2.4005	2.4272
	V	-0.5632	-0.5625	-0.5605	-0.5571	-0.5521	-0.5455	-0.5380	-0.5317	-0.5292
	W	0.0	0.1334	0.2482	0.3281	0.3603	0.3382	0.2625	0.1434	0.0000
0.600	A	1.8786	1.8730	1.8568	1.8320	1.8022	1.7718	1.7458	1.7283	1.7221
	RHO	4.4739	4.4602	4.4216	4.3648	4.2998	4.2375	4.1872	4.1550	4.1439
	P	2.5935	2.5701	2.5038	2.4063	2.2939	2.1851	2.0961	2.0385	2.0186
	U	1.7306	1.7560	1.8288	1.9385	2.0693	2.2015	2.3147	2.3908	2.4176
	V	-0.6368	-0.6361	-0.6341	-0.6305	-0.6252	-0.6180	-0.6099	-0.6031	-0.6004
	W	0.0	0.1365	0.2540	0.3356	0.3683	0.3454	0.2678	0.1462	0.0000
0.700	A	1.8761	1.8705	1.8541	1.8293	1.7995	1.7693	1.7435	1.7262	1.7202
	RHO	4.4443	4.4316	4.3955	4.3417	4.2789	4.2170	4.1657	4.1320	4.1204
	P	2.5695	2.5467	2.4820	2.3865	2.2760	2.1683	2.0799	2.0224	2.0026
	U	1.7180	1.7436	1.8166	1.9267	2.0579	2.1905	2.3040	2.3804	2.4073
	V	-0.7061	-0.7055	-0.7034	-0.6998	-0.6943	-0.6868	-0.6782	-0.6710	-0.6682
	W	0.0	0.1393	0.2591	0.3420	0.3751	0.3514	0.2722	0.1485	0.0000
0.800	A	1.8735	1.8678	1.8514	1.8265	1.7968	1.7667	1.7411	1.7240	1.7181
	RHO	4.4129	4.4012	4.3675	4.3165	4.2557	4.1943	4.1422	4.1074	4.0952
	P	2.5442	2.5219	2.4589	2.3654	2.2568	2.1504	2.0626	2.0053	1.9855
	U	1.7050	1.7306	1.8038	1.9142	2.0458	2.1789	2.2928	2.3694	2.3965
	V	-0.7718	-0.7711	-0.7690	-0.7654	-0.7598	-0.7521	-0.7432	-0.7358	-0.7328
	W	0.0	0.1417	0.2634	0.3476	0.3809	0.3564	0.2758	0.1503	0.0000
0.900	A	1.8707	1.8650	1.8485	1.8237	1.7940	1.7641	1.7387	1.7217	1.7158
	RHO	4.3801	4.3692	4.3378	4.2895	4.2306	4.1659	4.1171	4.0813	4.0686
	P	2.5177	2.4961	2.4347	2.3433	2.2365	2.1315	2.0443	1.9872	1.9674
	U	1.6916	1.7173	1.7907	1.9014	2.0333	2.1668	2.2811	2.3580	2.3852
	V	-0.8340	-0.8334	-0.8313	-0.8277	-0.8220	-0.8142	-0.8052	-0.7977	-0.7947
	W	0.0	0.1438	0.2673	0.3525	0.3859	0.3607	0.2788	0.1519	0.0000
1.000	A	1.8678	1.8620	1.8456	1.8207	1.7911	1.7614	1.7361	1.7193	1.7134
	RHO	4.3461	4.3360	4.3067	4.2609	4.2039	4.1438	4.0905	4.0537	4.0406
	P	2.4904	2.4694	2.4095	2.3202	2.2153	2.1116	2.0251	1.9683	1.9485
THS/THC		1.2680	1.2668	1.2630	1.2570	1.2491	1.2403	1.2321	1.2262	1.2241

M= 5.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 3.6115

XI	PHI	0.0
	U	2.7915
	V	0.0000
	W	0.0
-0.000	A	2.1075
	RHO	4.8852
	P	2.2809
	U	2.7911
	V	-0.0287
	W	0.0
0.025	A	2.1074
	RHO	4.8849
	P	2.2807
	U	2.7913
	V	-0.0570
	W	0.0
0.050	A	2.1074
	RHO	4.8843
	P	2.2803
	U	2.7904
	V	-0.1123
	W	0.0
0.100	A	2.1072
	RHO	4.8817
	P	2.2786
	U	2.7872
	V	-0.2180
	W	0.0
0.200	A	2.1064
	RHO	4.8724
	P	2.2725
	U	2.7822
	V	-0.3180
	W	0.0
0.300	A	2.1051
	RHO	4.8582
	P	2.2633
	U	2.7758
	V	-0.4127
	W	0.0
0.400	A	2.1036
	RHO	4.8400
	P	2.2514
	U	2.7680
	V	-0.5029
	W	0.0
0.500	A	2.1017
	RHO	4.8184
	P	2.2374
	U	2.7591
	V	-0.5888
	W	0.0
0.600	A	2.0995
	RHO	4.7940
	P	2.2215
	U	2.7493
	V	-0.6710
	W	0.0
0.700	A	2.0972
	RHO	4.7671
	P	2.2041
	U	2.7387
	V	-0.7497
	W	0.0
0.800	A	2.0946
	RHO	4.7380
	P	2.1853
	U	2.7275
	V	-0.8253
	W	0.0
0.900	A	2.0919
	RHO	4.7070
	P	2.1652
	U	2.7157
	V	-0.8982
	W	0.0
1.000	A	2.0889
	RHO	4.6740
	P	2.1441

THS/THC 1.2022

M= 5.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 3.6115

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.7509	2.7520	2.7554	2.7604	2.7662	2.7721	2.7771	2.7804	2.7816
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0080	0.0147	0.0192	0.0208	0.0192	0.0147	0.0080	0.0000
0.0	A	2.1181	2.1178	2.1170	2.1157	2.1141	2.1126	2.1113	2.1104	2.1101
	RHO	4.9004	4.8968	4.8867	4.8717	4.8539	4.8363	4.8214	4.8115	4.8080
	P	2.3112	2.3089	2.3022	2.2923	2.2806	2.2690	2.2593	2.2528	2.2505
	U	2.7508	2.7538	2.7624	2.7754	2.7908	2.8064	2.8157	2.8286	2.8317
	V	-0.0289	-0.0289	-0.0288	-0.0288	-0.0287	-0.0287	-0.0287	-0.0286	-0.0286
	W	0.0	0.0101	0.0186	0.0243	0.0262	0.0242	0.0185	0.0100	0.0000
0.025	A	2.1181	2.1173	2.1151	2.1117	2.1076	2.1035	2.0999	2.0975	2.0967
	RHO	4.9001	4.8988	4.8951	4.8898	4.8838	4.8780	4.8734	4.8705	4.8694
	P	2.3110	2.3087	2.3020	2.2921	2.2805	2.2689	2.2591	2.2526	2.2503
	U	2.7506	2.7536	2.7623	2.7753	2.7907	2.8062	2.8195	2.8284	2.8315
	V	-0.0572	-0.0572	-0.0572	-0.0571	-0.0570	-0.0569	-0.0569	-0.0568	-0.0568
	W	0.0	0.0109	0.0201	0.0263	0.0285	0.0263	0.0202	0.0109	0.0000
0.050	A	2.1181	2.1173	2.1150	2.1116	2.1075	2.1034	2.0998	2.0975	2.0966
	RHO	4.8995	4.8982	4.8945	4.8892	4.8832	4.8775	4.8728	4.8698	4.8688
	P	2.3106	2.3083	2.3016	2.2917	2.2800	2.2685	2.2587	2.2522	2.2499
	U	2.7497	2.7528	2.7614	2.7745	2.7900	2.8055	2.8187	2.8275	2.8307
	V	-0.1127	-0.1127	-0.1126	-0.1125	-0.1123	-0.1121	-0.1120	-0.1119	-0.1119
	W	0.0	0.0121	0.0223	0.0291	0.0316	0.0292	0.0224	0.0121	0.0000
0.100	A	2.1178	2.1170	2.1148	2.1113	2.1072	2.1031	2.0996	2.0972	2.0964
	RHO	4.8969	4.8956	4.8921	4.8868	4.8809	4.8751	4.8704	4.8673	4.8663
	P	2.3089	2.3066	2.2999	2.2900	2.2784	2.2668	2.2571	2.2505	2.2483
	U	2.7465	2.7495	2.7583	2.7713	2.7868	2.8024	2.8156	2.8244	2.8275
	V	-0.2189	-0.2188	-0.2187	-0.2184	-0.2180	-0.2177	-0.2174	-0.2172	-0.2172
	W	0.0	0.0136	0.0251	0.0329	0.0356	0.0330	0.0253	0.0137	0.0000
0.200	A	2.1170	2.1162	2.1139	2.1105	2.1064	2.1023	2.0988	2.0964	2.0956
	RHO	4.8874	4.8862	4.8827	4.8776	4.8717	4.8659	4.8612	4.8581	4.8570
	P	2.3027	2.3004	2.2937	2.2839	2.2723	2.2607	2.2510	2.2445	2.2423
	U	2.7414	2.7445	2.7532	2.7664	2.7819	2.7975	2.8107	2.8195	2.8226
	V	-0.3193	-0.3192	-0.3189	-0.3185	-0.3180	-0.3175	-0.3171	-0.3168	-0.3167
	W	0.0	0.0146	0.0271	0.0354	0.0384	0.0355	0.0272	0.0148	0.0000
0.300	A	2.1158	2.1150	2.1127	2.1092	2.1051	2.1010	2.0976	2.0952	2.0944
	RHO	4.8731	4.8719	4.8685	4.8635	4.8576	4.8519	4.8471	4.8440	4.8429
	P	2.2932	2.2909	2.2843	2.2745	2.2630	2.2516	2.2419	2.2354	2.2332
	U	2.7348	2.7379	2.7467	2.7599	2.7754	2.7910	2.8043	2.8131	2.8162
	V	-0.4144	-0.4143	-0.4140	-0.4134	-0.4128	-0.4122	-0.4116	-0.4112	-0.4111
	W	0.0	0.0155	0.0286	0.0374	0.0405	0.0375	0.0288	0.0156	0.0000
0.400	A	2.1142	2.1134	2.1111	2.1076	2.1036	2.0995	2.0960	2.0937	2.0928
	RHO	4.8547	4.8535	4.8502	4.8453	4.8395	4.8339	4.8291	4.8260	4.8249
	P	2.2811	2.2788	2.2723	2.2626	2.2512	2.2398	2.2302	2.2238	2.2216
	U	2.7270	2.7301	2.7389	2.7521	2.7677	2.7833	2.7966	2.8054	2.8085
	V	-0.5049	-0.5048	-0.5043	-0.5037	-0.5029	-0.5022	-0.5015	-0.5010	-0.5009
	W	0.0	0.0161	0.0298	0.0390	0.0423	0.0391	0.0300	0.0162	0.0000
0.500	A	2.1123	2.1115	2.1092	2.1057	2.1017	2.0976	2.0941	2.0918	2.0910
	RHO	4.8329	4.8318	4.8285	4.8237	4.8181	4.8125	4.8078	4.8047	4.8036
	P	2.2668	2.2645	2.2581	2.2485	2.2372	2.2259	2.2164	2.2101	2.2078
	U	2.7180	2.7211	2.7299	2.7432	2.7588	2.7745	2.7878	2.7967	2.7998
	V	-0.5911	-0.5910	-0.5905	-0.5898	-0.5889	-0.5880	-0.5872	-0.5867	-0.5865
	W	0.0	0.0167	0.0308	0.0403	0.0437	0.0404	0.0310	0.0168	0.0000
0.600	A	2.1101	2.1093	2.1070	2.1036	2.0995	2.0955	2.0920	2.0897	2.0889
	RHO	4.8083	4.8071	4.8040	4.7993	4.7937	4.7882	4.7836	4.7805	4.7794
	P	2.2506	2.2484	2.2420	2.2325	2.2213	2.2102	2.2008	2.1945	2.1923
	U	2.7081	2.7112	2.7201	2.7333	2.7490	2.7647	2.7781	2.7870	2.7901
	V	-0.6736	-0.6734	-0.6728	-0.6720	-0.6711	-0.6701	-0.6692	-0.6686	-0.6684
	W	0.0	0.0171	0.0317	0.0414	0.0449	0.0415	0.0318	0.0172	0.0000
0.700	A	2.1077	2.1069	2.1046	2.1012	2.0972	2.0931	2.0897	2.0874	2.0865
	RHO	4.7811	4.7800	4.7769	4.7723	4.7669	4.7615	4.7569	4.7539	4.7528
	P	2.2328	2.2306	2.2243	2.2150	2.2039	2.1929	2.1836	2.1774	2.1753
	U	2.6973	2.7005	2.7094	2.7227	2.7384	2.7542	2.7676	2.7765	2.7797
	V	-0.7525	-0.7523	-0.7517	-0.7509	-0.7498	-0.7487	-0.7478	-0.7471	-0.7469
	W	0.0	0.0175	0.0324	0.0424	0.0459	0.0425	0.0326	0.0176	0.0000
0.800	A	2.1051	2.1043	2.1020	2.0986	2.0946	2.0905	2.0871	2.0848	2.0840
	RHO	4.7517	4.7506	4.7476	4.7432	4.7379	4.7326	4.7281	4.7251	4.7241
	P	2.2136	2.2115	2.2053	2.1960	2.1852	2.1743	2.1651	2.1590	2.1568
	U	2.6860	2.6891	2.6980	2.7114	2.7272	2.7430	2.7564	2.7654	2.7685
	V	-0.8284	-0.8282	-0.8275	-0.8266	-0.8254	-0.8243	-0.8233	-0.8226	-0.8223
	W	0.0	0.0179	0.0330	0.0432	0.0468	0.0433	0.0332	0.0180	0.0000
0.900	A	2.1023	2.1015	2.0993	2.0959	2.0918	2.0878	2.0844	2.0821	2.0813
	RHO	4.7203	4.7193	4.7164	4.7120	4.7068	4.7017	4.6973	4.6943	4.6933
	P	2.1932	2.1911	2.1850	2.1759	2.1651	2.1544	2.1454	2.1393	2.1372
	U	2.6740	2.6772	2.6861	2.6996	2.7154	2.7312	2.7447	2.7537	2.7568
	V	-0.9014	-0.9012	-0.9005	-0.8995	-0.8983	-0.8970	-0.8960	-0.8953	-0.8950
	W	0.0	0.0182	0.0336	0.0439	0.0476	0.0440	0.0337	0.0183	0.0000
1.000	A	2.0994	2.0986	2.0963	2.0929	2.0889	2.0849	2.0815	2.0792	2.0784
	RHO	4.6871	4.6861	4.6833	4.6790	4.6740	4.6689	4.6646	4.6617	4.6607
	P	2.1716	2.1695	2.1635	2.1545	2.1440	2.1334	2.1245	2.1185	2.1165
THS/THC		1.2041	1.2039	1.2035	1.2029	1.2022	1.2015	1.2009	1.2004	1.2003

M= 5.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 3.6115

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.5830	2.5892	2.6070	2.6336	2.6649	2.6962	2.7227	2.7403	2.7465
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0425	0.0785	0.1026	0.1109	0.1023	0.0781	0.0421	0.0000
0.0	A	2.1600	2.1584	2.1539	2.1473	2.1394	2.1317	2.1251	2.1208	2.1193
	RHO	4.9583	4.9403	4.8893	4.8140	4.7268	4.6416	4.5709	4.5244	4.5083
	P	2.4319	2.4195	2.3846	2.3333	2.2744	2.2172	2.1701	2.1393	2.1286
	U	2.5829	2.5970	2.6375	2.6997	2.7755	2.8542	2.9234	2.9710	2.9879
	V	-0.0293	-0.0293	-0.0292	-0.0290	-0.0288	-0.0286	-0.0284	-0.0283	-0.0282
	W	0.0	0.0509	0.0939	0.1222	0.1316	0.1209	0.0921	0.0497	0.0000
0.025	A	2.1600	2.1565	2.1463	2.1305	2.1109	2.0899	2.0710	2.0577	2.0529
	RHO	4.9581	4.9489	4.9237	4.8897	4.8555	4.8288	4.8129	4.8060	4.8043
	P	2.4317	2.4194	2.3845	2.3332	2.2743	2.2171	2.1699	2.1391	2.1284
	U	2.5827	2.5970	2.6383	2.7013	2.7775	2.8560	2.9244	2.9711	2.9877
	V	-0.0582	-0.0581	-0.0579	-0.0575	-0.0572	-0.0568	-0.0564	-0.0561	-0.0561
	W	0.0	0.0547	0.1010	0.1319	0.1427	0.1318	0.1009	0.0546	0.0000
0.050	A	2.1599	2.1563	2.1460	2.1299	2.1100	2.0891	2.0705	2.0575	2.0528
	RHO	4.9574	4.9486	4.9246	4.8918	4.8585	4.8315	4.8143	4.8060	4.8037
	P	2.4313	2.4189	2.3840	2.3328	2.2740	2.2167	2.1696	2.1387	2.1280
	U	2.5818	2.5964	2.6385	2.7023	2.7789	2.8572	2.9248	2.9707	2.9869
	V	-0.1146	-0.1144	-0.1140	-0.1134	-0.1126	-0.1118	-0.1110	-0.1105	-0.1103
	W	0.0	0.0600	0.1110	0.1454	0.1579	0.1464	0.1125	0.0610	0.0000
0.100	A	2.1597	2.1560	2.1454	2.1290	2.1090	2.0882	2.0698	2.0571	2.0526
	RHO	4.9548	4.9465	4.9238	4.8925	4.8600	4.8327	4.8142	4.8042	4.8012
	P	2.4294	2.4171	2.3824	2.3313	2.2725	2.2153	2.1681	2.1372	2.1265
	U	2.5783	2.5932	2.6360	2.7007	2.7778	2.8559	2.9229	2.9680	2.9839
	V	-0.2226	-0.2224	-0.2216	-0.2203	-0.2187	-0.2170	-0.2155	-0.2144	-0.2139
	W	0.0	0.0672	0.1245	0.1635	0.1780	0.1656	0.1275	0.0693	0.0000
0.200	A	2.1588	2.1550	2.1441	2.1275	2.1073	2.0866	2.0685	2.0562	2.0518
	RHO	4.9449	4.9373	4.9163	4.8868	4.8554	4.8278	4.8077	4.7960	4.7923
	P	2.4227	2.4105	2.3760	2.3252	2.2667	2.2097	2.1625	2.1317	2.1210
	U	2.5729	2.5880	2.6313	2.6963	2.7738	2.8519	2.9186	2.9635	2.9793
	V	-0.3247	-0.3243	-0.3232	-0.3214	-0.3191	-0.3165	-0.3142	-0.3125	-0.3118
	W	0.0	0.0723	0.1340	0.1761	0.1919	0.1787	0.1377	0.0749	0.0000
0.300	A	2.1575	2.1537	2.1426	2.1258	2.1056	2.0849	2.0671	2.0550	2.0507
	RHO	4.9300	4.9228	4.9031	4.8750	4.8444	4.8167	4.7957	4.7830	4.7788
	P	2.4124	2.4004	2.3662	2.3159	2.2578	2.2011	2.1541	2.1233	2.1126
	U	2.5659	2.5812	2.6247	2.6901	2.7678	2.8460	2.9127	2.9574	2.9732
	V	-0.4214	-0.4209	-0.4194	-0.4171	-0.4141	-0.4109	-0.4078	-0.4055	-0.4047
	W	0.0	0.0763	0.1414	0.1859	0.2026	0.1886	0.1453	0.0790	0.0000
0.400	A	2.1558	2.1519	2.1408	2.1239	2.1036	2.0831	2.0654	2.0534	2.0492
	RHO	4.9108	4.9041	4.8854	4.8585	4.8287	4.8011	4.7795	4.7661	4.7615
	P	2.3993	2.3874	2.3537	2.3039	2.2464	2.1900	2.1433	2.1126	2.1019
	U	2.5576	2.5729	2.6167	2.6824	2.7603	2.8387	2.9054	2.9502	2.9659
	V	-0.5132	-0.5126	-0.5109	-0.5081	-0.5045	-0.5006	-0.4968	-0.4941	-0.4931
	W	0.0	0.0795	0.1475	0.1938	0.2112	0.1966	0.1514	0.0823	0.0000
0.500	A	2.1538	2.1499	2.1387	2.1217	2.1015	2.0810	2.0634	2.0516	2.0474
	RHO	4.8881	4.8817	4.8640	4.8383	4.8093	4.7819	4.7599	4.7459	4.7411
	P	2.3838	2.3720	2.3388	2.2897	2.2328	2.1769	2.1305	2.0999	2.0893
	U	2.5481	2.5635	2.6074	2.6734	2.7516	2.8301	2.8970	2.9418	2.9576
	V	-0.6006	-0.5999	-0.5980	-0.5948	-0.5907	-0.5861	-0.5817	-0.5786	-0.5774
	W	0.0	0.0823	0.1526	0.2004	0.2184	0.2032	0.1564	0.0850	0.0000
0.600	A	2.1516	2.1476	2.1364	2.1194	2.0991	2.0787	2.0613	2.0496	2.0454
	RHO	4.8623	4.8564	4.8396	4.8150	4.7868	4.7556	4.7374	4.7230	4.7180
	P	2.3662	2.3547	2.3220	2.2736	2.2173	2.1621	2.1160	2.0856	2.0751
	U	2.5377	2.5531	2.5972	2.6634	2.7418	2.8206	2.8876	2.9325	2.9483
	V	-0.6840	-0.6833	-0.6811	-0.6775	-0.6729	-0.6678	-0.6630	-0.6595	-0.6582
	W	0.0	0.0846	0.1569	0.2061	0.2244	0.2087	0.1606	0.0872	0.0000
0.700	A	2.1491	2.1451	2.1338	2.1168	2.0966	2.0763	2.0589	2.0473	2.0432
	RHO	4.8340	4.8284	4.8125	4.7850	4.7616	4.7347	4.7124	4.6977	4.6925
	P	2.3470	2.3356	2.3035	2.2558	2.2003	2.1457	2.1000	2.0699	2.0594
	U	2.5264	2.5419	2.5862	2.6526	2.7313	2.8102	2.8775	2.9225	2.9383
	V	-0.7639	-0.7630	-0.7606	-0.7568	-0.7518	-0.7462	-0.7409	-0.7371	-0.7357
	W	0.0	0.0867	0.1607	0.2109	0.2297	0.2134	0.1642	0.0892	0.0000
0.800	A	2.1463	2.1424	2.1311	2.1141	2.0939	2.0737	2.0564	2.0449	2.0408
	RHO	4.8034	4.7981	4.7831	4.7606	4.7341	4.7076	4.6852	4.6702	4.6650
	P	2.3262	2.3151	2.2835	2.2367	2.1820	2.1280	2.0828	2.0529	2.0425
	U	2.5145	2.5300	2.5744	2.6410	2.7199	2.7992	2.8666	2.9118	2.9277
	V	-0.8404	-0.8395	-0.8369	-0.8328	-0.8274	-0.8214	-0.8158	-0.8117	-0.8102
	W	0.0	0.0885	0.1640	0.2152	0.2342	0.2175	0.1673	0.0908	0.0000
0.900	A	2.1434	2.1394	2.1281	2.1112	2.0910	2.0709	2.0537	2.0423	2.0382
	RHO	4.7708	4.7658	4.7516	4.7302	4.7044	4.6784	4.6560	4.6409	4.6355
	P	2.3041	2.2932	2.2623	2.2162	2.1624	2.1091	2.0644	2.0348	2.0245
	U	2.5020	2.5176	2.5621	2.6289	2.7081	2.7875	2.8552	2.9005	2.9165
	V	-0.9140	-0.9130	-0.9103	-0.9059	-0.9002	-0.8939	-0.8879	-0.8837	-0.8821
	W	0.0	0.0901	0.1669	0.2189	0.2381	0.2211	0.1699	0.0922	0.0000
1.000	A	2.1403	2.1363	2.1250	2.1081	2.0880	2.0679	2.0509	2.0395	2.0355
	RHO	4.7363	4.7317	4.7183	4.6978	4.6729	4.6483	4.6269	4.6057	4.6043
	P	2.2808	2.2702	2.2398	2.1947	2.1417	2.0891	2.0450	2.0156	2.0054
THS/THC		1.2126	1.2120	1.2101	1.2072	1.2037	1.1999	1.1966	1.1943	1.1935

M= 5.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 3.6115

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	2.3607	2.3740	2.4122	2.4695	2.5374	2.6054	2.6629	2.7010	2.7142
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0910	0.1688	0.2217	0.2408	0.2224	0.1692	0.0908	0.0000
	A	2.2103	2.2071	2.1979	2.1841	2.1681	2.1523	2.1392	2.1306	2.1276
	RHO	5.0251	4.9884	4.8853	4.7347	4.5635	4.3957	4.2670	4.1818	4.1525
	P	2.5808	2.5544	2.4808	2.3744	2.2551	2.1426	2.0527	1.9955	1.9760
0.025	U	2.3606	2.3864	2.4614	2.5786	2.7260	2.8854	3.0317	3.1355	3.1731
	V	-0.0301	-0.0300	-0.0298	-0.0294	-0.0291	-0.0287	-0.0283	-0.0279	-0.0278
	W	0.0	0.1037	0.1911	0.2484	0.2664	0.2421	0.1839	0.0987	0.0000
	A	2.2103	2.2042	2.1865	2.1581	2.1212	2.0752	2.0383	2.0075	1.9965
	RHO	5.0249	5.0009	4.9361	4.8496	4.7678	4.7148	4.6996	4.7082	4.7153
	P	2.5806	2.5543	2.4807	2.3745	2.2551	2.1426	2.0526	1.9954	1.9759
0.050	U	2.3603	2.3872	2.4650	2.5855	2.7351	2.8941	3.0371	3.1370	3.1729
	V	-0.0596	-0.0594	-0.0590	-0.0584	-0.0576	-0.0568	-0.0561	-0.0555	-0.0552
	W	0.0	0.1101	0.2035	0.2656	0.2871	0.2648	0.2025	0.1097	0.0000
	A	2.2102	2.2039	2.1854	2.1560	2.1182	2.0761	2.0363	2.0072	1.9965
	RHO	5.0241	5.0016	4.9405	4.8589	4.7810	4.7283	4.7086	4.7107	4.7147
	P	2.5801	2.5538	2.4804	2.3742	2.2550	2.1424	2.0524	1.9951	1.9755
0.100	U	2.3593	2.3872	2.4678	2.5917	2.7434	2.9018	3.0416	3.1375	3.1722
	V	-0.1174	-0.1171	-0.1163	-0.1151	-0.1136	-0.1119	-0.1104	-0.1091	-0.1087
	W	0.0	0.1194	0.2213	0.2904	0.3161	0.2943	0.2271	0.1238	0.0000
	A	2.2100	2.2033	2.1839	2.1534	2.1148	2.0727	2.0339	2.0063	1.9963
	RHO	5.0213	5.0005	4.9440	4.8681	4.7943	4.7415	4.7166	4.7116	4.7123
	P	2.5780	2.5519	2.4788	2.3730	2.2539	2.1414	2.0512	1.9937	1.9741
0.200	U	2.3555	2.3845	2.4680	2.5950	2.7486	2.9063	3.0433	3.1364	3.1694
	V	-0.2280	-0.2275	-0.2260	-0.2238	-0.2209	-0.2176	-0.2141	-0.2114	-0.2103
	W	0.0	0.1326	0.2464	0.3248	0.3557	0.3332	0.2566	0.1414	0.0000
	A	2.2090	2.2020	2.1816	2.1499	2.1104	2.0686	2.0310	2.0049	1.9955
	RHO	5.0109	4.9924	4.9418	4.8729	4.8039	4.7505	4.7194	4.7066	4.7037
	P	2.5706	2.5448	2.4725	2.3677	2.2493	2.1369	2.0465	1.9888	1.9691
0.300	U	2.3496	2.3793	2.4642	2.5930	2.7476	2.9051	3.0409	3.1326	3.1650
	V	-0.3323	-0.3316	-0.3297	-0.3265	-0.3224	-0.3174	-0.3121	-0.3079	-0.3062
	W	0.0	0.1423	0.2646	0.3494	0.3834	0.3597	0.2794	0.1528	0.0000
	A	2.2077	2.2004	2.1794	2.1470	2.1071	2.0654	2.0287	2.0034	1.9944
	RHO	4.9951	4.9783	4.9321	4.8683	4.8026	4.7487	4.7136	4.6959	4.6908
	P	2.5592	2.5339	2.4627	2.3590	2.2416	2.1296	2.0393	1.9814	1.9615
0.400	U	2.3421	2.3721	2.4580	2.5879	2.7433	2.9008	3.0361	3.1272	3.1593
	V	-0.4309	-0.4301	-0.4277	-0.4238	-0.4184	-0.4119	-0.4050	-0.3994	-0.3972
	W	0.0	0.1500	0.2791	0.3687	0.4048	0.3799	0.2950	0.1613	0.0000
	A	2.2059	2.1984	2.1770	2.1442	2.1041	2.0626	2.0264	2.0018	1.9930
	RHO	4.9748	4.9595	4.9171	4.8576	4.7946	4.7404	4.7024	4.6811	4.6745
	P	2.5447	2.5198	2.4498	2.3477	2.2314	2.1200	2.0298	1.9719	1.9520
0.500	U	2.3330	2.3633	2.4499	2.5807	2.7367	2.8945	3.0295	3.1204	3.1524
	V	-0.5243	-0.5233	-0.5206	-0.5160	-0.5096	-0.5017	-0.4932	-0.4864	-0.4838
	W	0.0	0.1565	0.2911	0.3845	0.4221	0.3959	0.3072	0.1678	0.0000
	A	2.2037	2.1962	2.1745	2.1413	2.1011	2.0598	2.0241	1.9995	1.9914
	RHO	4.9508	4.9368	4.8978	4.8422	4.7817	4.7275	4.6871	4.6631	4.6552
	P	2.5275	2.5032	2.4345	2.3340	2.2190	2.1085	2.0186	1.9606	1.9407
0.600	U	2.3228	2.3533	2.4405	2.5719	2.7284	2.8865	3.0217	3.1125	3.1445
	V	-0.6130	-0.6120	-0.6088	-0.6036	-0.5963	-0.5872	-0.5774	-0.5695	-0.5665
	W	0.0	0.1620	0.3013	0.3979	0.4365	0.4091	0.3171	0.1731	0.0000
	A	2.2013	2.1937	2.1718	2.1383	2.0981	2.0570	2.0217	1.9979	1.9895
	RHO	4.9237	4.9109	4.8750	4.8230	4.7649	4.7108	4.6686	4.6423	4.6334
	P	2.5082	2.4843	2.4171	2.3183	2.2049	2.0954	2.0059	1.9480	1.9280
0.700	U	2.3116	2.3422	2.4298	2.5618	2.7188	2.8773	3.0127	3.1037	3.1357
	V	-0.6975	-0.6963	-0.6929	-0.6871	-0.6790	-0.6688	-0.6579	-0.6491	-0.6457
	W	0.0	0.1668	0.3102	0.4094	0.4488	0.4202	0.3254	0.1775	0.0000
	A	2.1986	2.1909	2.1689	2.1353	2.0950	2.0541	2.0191	1.9957	1.9875
	RHO	4.8940	4.8823	4.8493	4.8007	4.7449	4.6911	4.6473	4.6192	4.6095
	P	2.4870	2.4637	2.3980	2.3010	2.1893	2.0808	1.9918	1.9340	1.9140
0.800	U	2.2995	2.3303	2.4182	2.5506	2.7082	2.8671	3.0029	3.0941	3.1262
	V	-0.7781	-0.7769	-0.7731	-0.7668	-0.7580	-0.7469	-0.7350	-0.7255	-0.7218
	W	0.0	0.1710	0.3179	0.4193	0.4593	0.4296	0.3323	0.1811	0.0000
	A	2.1958	2.1880	2.1658	2.1321	2.0919	2.0512	2.0165	1.9934	1.9852
	RHO	4.8619	4.8513	4.8211	4.7757	4.7221	4.6687	4.6237	4.5939	4.5835
	P	2.4642	2.4415	2.3773	2.2823	2.1723	2.0650	1.9765	1.9189	1.8990
0.900	U	2.2848	2.3177	2.4059	2.5387	2.6967	2.8561	2.9923	3.0839	3.1161
	V	-0.8553	-0.8539	-0.8499	-0.8432	-0.8337	-0.8218	-0.8091	-0.7990	-0.7951
	W	0.0	0.1748	0.3248	0.4281	0.4685	0.4377	0.3383	0.1842	0.0000
	A	2.1927	2.1849	2.1626	2.1289	2.0887	2.0482	2.0138	1.9908	1.9828
	RHO	4.8278	4.8182	4.7906	4.7483	4.6969	4.6440	4.5980	4.5668	4.5557
	P	2.4400	2.4179	2.3553	2.2623	2.1541	2.0480	1.9602	1.9028	1.8829
1.000	U	2.2736	2.3045	2.3929	2.5261	2.6846	2.8445	2.9812	3.0730	3.1054
	V	-0.9293	-0.9279	-0.9236	-0.9164	-0.9063	-0.8938	-0.8804	-0.8699	-0.8658
	W	0.0	0.1781	0.3308	0.4358	0.4765	0.4446	0.3434	0.1869	0.0000
	A	2.1894	2.1816	2.1592	2.1255	2.0854	2.0451	2.0109	1.9882	1.9802
	RHO	4.7918	4.7832	4.7582	4.7188	4.6696	4.6172	4.5704	4.5375	4.5263
	P	2.4146	2.3931	2.3320	2.2411	2.1348	2.0301	1.9429	1.8857	1.8659
THS/THC		1.2253	1.2242	1.2208	1.2154	1.2084	1.2007	1.1934	1.1883	1.1864

M= 5.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 3.6115

X1	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.1216	2.1429	2.2040	2.2964	2.4067	2.5181	2.6124	2.6745	2.6958
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1456	0.2712	0.3587	0.3929	0.3649	0.2771	0.1471	0.0000
0.0	A	2.2583	2.2533	2.2391	2.2180	2.1933	2.1691	2.1494	2.1366	2.1322
	RHO	5.0866	5.0308	4.8747	4.6489	4.3958	4.1550	3.9727	3.8564	3.8171
	P	2.7269	2.6852	2.5692	2.4042	2.2230	2.0571	1.9293	1.8507	1.8243
	U	2.1215	2.1572	2.2615	2.4263	2.6385	2.8788	3.1120	3.2842	3.3475
	V	-0.0310	-0.0309	-0.0305	-0.0300	-0.0295	-0.0289	-0.0283	-0.0277	-0.0275
	W	0.0	0.1591	0.2938	0.3822	0.4089	0.3761	0.2768	0.1478	0.0000
0.025	A	2.2582	2.2503	2.2270	2.1893	2.1387	2.0773	2.0119	1.9591	1.9387
	RHO	5.0863	5.0439	4.9283	4.7723	4.6238	4.5353	4.5345	4.5866	4.6168
	P	2.7267	2.6851	2.5694	2.4046	2.2234	2.0574	1.9294	1.8506	1.8242
	U	2.1212	2.1589	2.2689	2.4411	2.6596	2.9005	3.1264	3.2885	3.3473
	V	-0.0614	-0.0612	-0.0605	-0.0594	-0.0583	-0.0572	-0.0561	-0.0551	-0.0547
	W	0.0	0.1670	0.3090	0.4037	0.4358	0.4007	0.3060	0.1661	0.0000
0.050	A	2.2582	2.2498	2.2250	2.1851	2.1323	2.0700	2.0064	1.9573	1.9387
	RHO	5.0855	5.0456	4.9369	4.7908	4.6522	4.5677	4.5588	4.5946	4.6162
	P	2.7262	2.6846	2.5692	2.4047	2.2236	2.0575	1.9293	1.8503	1.8239
	U	2.1200	2.1600	2.2759	2.4557	2.6800	2.9206	3.1390	3.2919	3.3466
	V	-0.1209	-0.1204	-0.1192	-0.1173	-0.1151	-0.1129	-0.1105	-0.1083	-0.1073
	W	0.0	0.1791	0.3321	0.4364	0.4758	0.4441	0.3446	0.1891	0.0000
0.100	A	2.2579	2.2489	2.2224	2.1801	2.1250	2.0621	2.0008	1.9553	1.9385
	RHO	5.0825	5.0458	4.9460	4.8117	4.6837	4.6021	4.5828	4.6010	4.6138
	P	2.7239	2.6827	2.5680	2.4042	2.2234	2.0571	1.9286	1.8492	1.8226
	U	2.1158	2.1580	2.2800	2.4673	2.6966	2.9363	3.1477	3.2926	3.3439
	V	-0.2344	-0.2337	-0.2317	-0.2285	-0.2246	-0.2199	-0.2144	-0.2093	-0.2072
	W	0.0	0.1969	0.3663	0.4842	0.5328	0.5028	0.3938	0.2171	0.0000
0.200	A	2.2569	2.2472	2.2187	2.1737	2.1163	2.0532	1.9945	1.9528	1.9378
	RHO	5.0714	5.0392	4.9513	4.8323	4.7163	4.6358	4.6032	4.6020	4.6056
	P	2.7156	2.6751	2.5622	2.4003	2.2206	2.0544	1.9251	1.8450	1.8180
	U	2.1093	2.1528	2.2781	2.4692	2.7010	2.9402	3.1484	3.2898	3.3398
	V	-0.3411	-0.3402	-0.3376	-0.3335	-0.3281	-0.3210	-0.3124	-0.3045	-0.3012
	W	0.0	0.2105	0.3922	0.5197	0.5738	0.5431	0.4260	0.2349	0.0000
0.300	A	2.2554	2.2452	2.2155	2.1689	2.1103	2.0473	1.9904	1.9509	1.9368
	RHO	5.0545	5.0258	4.9470	4.8391	4.7311	4.6504	4.6086	4.5953	4.5934
	P	2.7029	2.6633	2.5527	2.3931	2.2150	2.0491	1.9193	1.8385	1.8113
	U	2.1009	2.1453	2.2726	2.4662	2.6996	2.9387	3.1454	3.2851	3.3343
	V	-0.4416	-0.4406	-0.4375	-0.4327	-0.4259	-0.4166	-0.4051	-0.3946	-0.3902
	W	0.0	0.2216	0.4132	0.5481	0.6059	0.5738	0.4498	0.2476	0.0000
0.400	A	2.2535	2.2430	2.2124	2.1647	2.1054	2.0426	1.9870	1.9489	1.9355
	RHO	5.0330	5.0073	4.9364	4.8378	4.7361	4.6551	4.6060	4.5839	4.5780
	P	2.6868	2.6482	2.5399	2.3831	2.2069	2.0418	1.9117	1.8302	1.8028
	U	2.0910	2.1359	2.2648	2.4601	2.6947	2.9329	3.1399	3.2788	3.3277
	V	-0.5365	-0.5353	-0.5320	-0.5264	-0.5184	-0.5072	-0.4932	-0.4803	-0.4750
	W	0.0	0.2311	0.4310	0.5718	0.6321	0.5983	0.4683	0.2574	0.0000
0.500	A	2.2512	2.2404	2.2092	2.1607	2.1010	2.0385	1.9839	1.9469	1.9339
	RHO	5.0076	4.9846	4.9208	4.8305	4.7344	4.6531	4.5981	4.5688	4.5599
	P	2.6679	2.6302	2.5246	2.3708	2.1969	2.0326	1.9024	1.8205	1.7928
	U	2.0798	2.1252	2.2551	2.4517	2.6872	2.9268	3.1327	3.2714	3.3202
	V	-0.6263	-0.6251	-0.6214	-0.6152	-0.6062	-0.5932	-0.5769	-0.5621	-0.5560
	W	0.0	0.2393	0.4463	0.5920	0.6540	0.6183	0.4832	0.2652	0.0000
0.600	A	2.2486	2.2377	2.2059	2.1569	2.0968	2.0347	1.9809	1.9448	1.9322
	RHO	4.9790	4.9585	4.9012	4.8185	4.7275	4.6460	4.5861	4.5510	4.5395
	P	2.6466	2.6100	2.5070	2.3564	2.1850	2.0220	1.8918	1.8095	1.7816
	U	2.0677	2.1133	2.2440	2.4415	2.6779	2.9180	3.1242	3.2630	3.3119
	V	-0.7116	-0.7102	-0.7062	-0.6996	-0.6895	-0.6751	-0.6569	-0.6404	-0.6337
	W	0.0	0.2466	0.4597	0.6095	0.6727	0.6351	0.4954	0.2715	0.0000
0.700	A	2.2458	2.2347	2.2025	2.1530	2.0929	2.0311	1.9780	1.9426	1.9303
	RHO	4.9478	4.9296	4.8783	4.8028	4.7165	4.6350	4.5768	4.5307	4.5171
	P	2.6233	2.5878	2.4877	2.3404	2.1717	2.0100	1.8799	1.7974	1.7693
	U	2.0547	2.1005	2.2318	2.4301	2.6672	2.9080	3.1146	3.2538	3.3028
	V	-0.7927	-0.7912	-0.7869	-0.7798	-0.7689	-0.7532	-0.7334	-0.7156	-0.7083
	W	0.0	0.2530	0.4716	0.6248	0.6889	0.6493	0.5056	0.2767	0.0000
0.800	A	2.2428	2.2315	2.1990	2.1492	2.0890	2.0276	1.9751	1.9403	1.9282
	RHO	4.9142	4.8983	4.8527	4.7838	4.7020	4.6207	4.5528	4.5083	4.4928
	P	2.5985	2.5641	2.4667	2.3229	2.1571	1.9969	1.8671	1.7842	1.7560
	U	2.0411	2.0871	2.2187	2.4176	2.6554	2.8969	3.1042	3.2439	3.2931
	V	-0.8701	-0.8685	-0.8639	-0.8563	-0.8446	-0.8278	-0.8067	-0.7878	-0.7801
	W	0.0	0.2588	0.4822	0.6384	0.7030	0.6615	0.5142	0.2811	0.0000
0.900	A	2.2395	2.2281	2.1954	2.1454	2.0852	2.0241	1.9722	1.9379	1.9260
	RHO	4.8786	4.8648	4.8246	4.7620	4.6846	4.6036	4.5325	4.4841	4.4669
	P	2.5722	2.5389	2.4444	2.3042	2.1413	1.9827	1.8533	1.7703	1.7418
	U	2.0270	2.0731	2.2050	2.4044	2.6428	2.8850	3.0932	3.2334	3.2829
	V	-0.9441	-0.9424	-0.9376	-0.9294	-0.9170	-0.8993	-0.8772	-0.8575	-0.8495
	W	0.0	0.2641	0.4917	0.6505	0.7154	0.6721	0.5216	0.2847	0.0000
1.000	A	2.2361	2.2246	2.1917	2.1416	2.0815	2.0207	1.9693	1.9354	1.9236
	RHO	4.8413	4.8295	4.7943	4.7378	4.6646	4.5840	4.5101	4.4581	4.4394
	P	2.5447	2.5125	2.4209	2.2843	2.1245	1.9676	1.8387	1.7554	1.7268
THS/THC		1.2412	1.2397	1.2352	1.2276	1.2171	1.2048	1.1928	1.1840	1.1808

M= 6.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.3618

XI		PHI 0.0
	U	3.4155
	V	C.0000
	W	0.0
-0.000	A	2.4222
	RHO	5.2060
	P	2.2297
	U	3.4155
	V	-0.0311
	W	0.0
0.025	A	2.4221
	RHO	5.2058
	P	2.2296
	U	3.4152
	V	-0.0617
	W	0.0
0.050	A	2.4221
	RHO	5.2052
	P	2.2292
	U	3.4144
	V	-0.1217
	W	0.0
0.100	A	2.4219
	RHO	5.2028
	P	2.2278
	U	3.4113
	V	-0.2372
	W	0.0
0.200	A	2.4210
	RHO	5.1938
	P	2.2224
	U	3.4065
	V	-0.3470
	W	0.0
0.300	A	2.4197
	RHO	5.1800
	P	2.2141
	U	3.4001
	V	-0.4518
	W	0.0
C.4CC	A	2.4181
	RHO	5.1622
	P	2.2035
	U	3.3924
	V	-0.5520
	W	0.0
0.5C0	A	2.4161
	RHO	5.1409
	P	2.1908
	U	3.3836
	V	-0.6480
	W	0.0
0.6C0	A	2.4138
	RHO	5.1166
	P	2.1763
	U	3.3737
	V	-0.7403
	W	0.0
0.700	A	2.4112
	RHO	5.0896
	P	2.1602
	U	3.3630
	V	-0.8292
	W	0.0
0.800	A	2.4084
	RHO	5.0602
	P	2.1428
	U	3.3515
	V	-0.9150
	W	C.0
0.900	A	2.4054
	RHO	5.0286
	P	2.1241
	U	3.3394
	V	-C.9980
	W	0.0
1.000	A	2.4022
	RHO	4.9949
	P	2.1042

THS/THC 1.1828

M= 6.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 4.3618

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.3675	3.3688	3.3725	3.3780	3.3845	3.3910	3.3965	3.4002	3.4015
	V	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	-0.0000
	W	0.0	0.0088	0.0163	0.0213	0.0231	0.0213	0.0163	0.0088	0.0000
0.0	A	2.4356	2.4352	2.4342	2.4326	2.4308	2.4290	2.4275	2.4264	2.4261
	RHO	5.2190	5.2151	5.2041	5.1877	5.1684	5.1491	5.1329	5.1221	5.1182
	P	2.2601	2.2577	2.2511	2.2411	2.2295	2.2178	2.2081	2.2015	2.1992
	U	3.3674	3.3710	3.3812	3.3965	3.4147	3.4331	3.4488	3.4593	3.4630
	V	-0.0312	-0.0312	-0.0312	-0.0311	-0.0311	-0.0310	-0.0310	-0.0310	-0.0310
	W	0.0	0.0114	0.0210	0.0274	0.0297	0.0274	0.0209	0.0113	0.0000
0.025	A	2.4355	2.4346	2.4317	2.4274	2.4223	2.4171	2.4127	2.4097	2.4086
	RHO	5.2188	5.2176	5.2144	5.2097	5.2045	5.1997	5.1958	5.1934	5.1926
	P	2.2600	2.2576	2.2509	2.2410	2.2293	2.2177	2.2079	2.2014	2.1991
	U	3.3672	3.3708	3.3810	3.3964	3.4146	3.4330	3.4486	3.4591	3.4628
	V	-0.0620	-0.0620	-0.0618	-0.0618	-0.0617	-0.0616	-0.0615	-0.0615	-0.0615
	W	0.0	0.0124	0.0230	0.0300	0.0325	0.0300	0.0230	0.0124	0.0000
0.050	A	2.4355	2.4345	2.4316	2.4273	2.4222	2.4170	2.4126	2.4096	2.4085
	RHO	5.2181	5.2170	5.2138	5.2092	5.2040	5.1992	5.1953	5.1928	5.1920
	P	2.2596	2.2572	2.2506	2.2406	2.2290	2.2173	2.2076	2.2010	2.1988
	U	3.3664	3.3700	3.3802	3.3957	3.4139	3.4323	3.4479	3.4583	3.4620
	V	-0.1223	-0.1223	-0.1221	-0.1220	-0.1218	-0.1216	-0.1214	-0.1213	-0.1212
	W	0.0	0.0138	0.0256	0.0335	0.0363	0.0335	0.0257	0.0139	0.0000
0.100	A	2.4353	2.4343	2.4314	2.4271	2.4219	2.4168	2.4123	2.4094	2.4083
	RHO	5.2157	5.2146	5.2115	5.2070	5.2018	5.1969	5.1930	5.1904	5.1896
	P	2.2581	2.2558	2.2491	2.2392	2.2275	2.2159	2.2061	2.1996	2.1973
	U	3.3632	3.3668	3.3772	3.3926	3.4109	3.4293	3.4449	3.4553	3.4589
	V	-0.2383	-0.2382	-0.2380	-0.2376	-0.2372	-0.2368	-0.2365	-0.2362	-0.2361
	W	0.0	0.0158	0.0291	0.0381	0.0413	0.0382	0.0293	0.0159	0.0000
0.200	A	2.4344	2.4334	2.4305	2.4262	2.4211	2.4159	2.4115	2.4085	2.4075
	RHO	5.2066	5.2056	5.2025	5.1981	5.1930	5.1882	5.1842	5.1816	5.1807
	P	2.2526	2.2503	2.2436	2.2338	2.2221	2.2106	2.2008	2.1943	2.1920
	U	3.3583	3.3619	3.3723	3.3878	3.4061	3.4245	3.4401	3.4505	3.4542
	V	-0.3486	-0.3485	-0.3482	-0.3477	-0.3471	-0.3464	-0.3459	-0.3456	-0.3454
	W	0.0	0.0171	0.0316	0.0414	0.0449	0.0415	0.0318	0.0172	0.0000
0.300	A	2.4331	2.4321	2.4292	2.4249	2.4198	2.4146	2.4102	2.4072	2.4062
	RHO	5.1927	5.1917	5.1888	5.1844	5.1794	5.1746	5.1706	5.1675	5.1670
	P	2.2442	2.2419	2.2353	2.2255	2.2139	2.2024	2.1927	2.1862	2.1840
	U	3.3518	3.3555	3.3659	3.3814	3.3998	3.4182	3.4338	3.4442	3.4479
	V	-0.4539	-0.4537	-0.4533	-0.4526	-0.4518	-0.4510	-0.4503	-0.4499	-0.4497
	W	0.0	0.0181	0.0336	0.0439	0.0476	0.0441	0.0338	0.0183	0.0000
0.400	A	2.4314	2.4304	2.4275	2.4232	2.4181	2.4129	2.4085	2.4056	2.4046
	RHO	5.1748	5.1737	5.1709	5.1666	5.1617	5.1569	5.1529	5.1503	5.1494
	P	2.2333	2.2310	2.2245	2.2147	2.2033	2.1918	2.1822	2.1758	2.1735
	U	3.3440	3.3477	3.3581	3.3737	3.3921	3.4105	3.4262	3.4366	3.4403
	V	-0.5546	-0.5544	-0.5538	-0.5530	-0.5520	-0.5511	-0.5502	-0.5496	-0.5494
	W	0.0	0.0190	0.0351	0.0460	0.0498	0.0461	0.0353	0.0191	0.0000
0.500	A	2.4294	2.4284	2.4255	2.4212	2.4160	2.4109	2.4065	2.4036	2.4026
	RHO	5.1532	5.1522	5.1495	5.1453	5.1405	5.1358	5.1318	5.1292	5.1283
	P	2.2203	2.2180	2.2116	2.2019	2.1906	2.1792	2.1697	2.1633	2.1611
	U	3.3350	3.3387	3.3492	3.3648	3.3833	3.4017	3.4174	3.4279	3.4316
	V	-0.6510	-0.6508	-0.6502	-0.6492	-0.6481	-0.6470	-0.6460	-0.6453	-0.6451
	W	0.0	0.0197	0.0365	0.0477	0.0517	0.0478	0.0367	0.0199	0.0000
0.600	A	2.4271	2.4261	2.4232	2.4189	2.4138	2.4086	2.4043	2.4014	2.4003
	RHO	5.1287	5.1277	5.1250	5.1210	5.1163	5.1116	5.1077	5.1051	5.1042
	P	2.2055	2.2033	2.1969	2.1873	2.1761	2.1649	2.1554	2.1491	2.1469
	U	3.3251	3.3287	3.3392	3.3549	3.3734	3.3919	3.4077	3.4182	3.4219
	V	-0.7437	-0.7435	-0.7428	-0.7417	-0.7404	-0.7391	-0.7380	-0.7372	-0.7370
	W	0.0	0.0203	0.0376	0.0492	0.0533	0.0493	0.0378	0.0205	0.0000
0.700	A	2.4245	2.4235	2.4206	2.4163	2.4112	2.4061	2.4017	2.3988	2.3978
	RHO	5.1014	5.1005	5.0979	5.0939	5.0894	5.0848	5.0810	5.0784	5.0775
	P	2.1891	2.1869	2.1806	2.1711	2.1600	2.1490	2.1396	2.1334	2.1312
	U	3.3142	3.3179	3.3284	3.3441	3.3627	3.3813	3.3970	3.4076	3.4113
	V	-0.8329	-0.8327	-0.8319	-0.8307	-0.8293	-0.8279	-0.8266	-0.8258	-0.8255
	W	0.0	0.0209	0.0386	0.0505	0.0547	0.0506	0.0388	0.0210	0.0000
0.800	A	2.4217	2.4207	2.4178	2.4135	2.4084	2.4033	2.3990	2.3961	2.3951
	RHO	5.0717	5.0708	5.0683	5.0645	5.0600	5.0556	5.0518	5.0493	5.0484
	P	2.1713	2.1691	2.1629	2.1536	2.1426	2.1317	2.1224	2.1163	2.1141
	U	3.3026	3.3063	3.3168	3.3326	3.3512	3.3699	3.3857	3.3963	3.4000
	V	-0.9191	-0.9188	-0.9179	-0.9166	-0.9151	-0.9135	-0.9122	-0.9113	-0.9109
	W	0.0	0.0213	0.0394	0.0516	0.0559	0.0517	0.0396	0.0215	0.0000
0.900	A	2.4186	2.4176	2.4147	2.4104	2.4054	2.4003	2.3960	2.3931	2.3921
	RHO	5.0398	5.0389	5.0365	5.0328	5.0285	5.0241	5.0205	5.0180	5.0171
	P	2.1522	2.1500	2.1439	2.1347	2.1239	2.1131	2.1040	2.0979	2.0958
	U	3.2903	3.2940	3.3046	3.3204	3.3391	3.3578	3.3737	3.3843	3.3880
	V	-1.0023	-1.0020	-1.0011	-0.9997	-0.9981	-0.9964	-0.9949	-0.9939	-0.9936
	W	0.0	0.0217	0.0402	0.0526	0.0570	0.0527	0.0404	0.0219	0.0000
1.000	A	2.4153	2.4143	2.4115	2.4072	2.4021	2.3971	2.3928	2.3899	2.3889
	RHO	5.0058	5.0050	5.0026	4.9991	4.9949	4.9907	4.9871	4.9846	4.9838
	P	2.1319	2.1298	2.1237	2.1147	2.1040	2.0934	2.0844	2.0784	2.0763
THS/THC		1.1846	1.1845	1.1841	1.1835	1.1828	1.1821	1.1815	1.1811	1.1810

M= 6.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 4.3618

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.1697	3.1766	3.1963	3.2258	3.2606	3.2954	3.3248	3.3444	3.3513
	V	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000
	W	C.0	0.0471	0.0871	0.1139	0.1232	0.1137	0.0868	0.0469	0.0000
0.0	A	2.4881	2.4862	2.4810	2.4731	2.4639	2.4547	2.4470	2.4418	2.4400
	RHO	5.2682	5.2486	5.1932	5.1114	5.0167	4.9239	4.8469	4.7963	4.7787
	P	2.3809	2.3685	2.3335	2.2822	2.2232	2.1655	2.1186	2.0877	2.0770
	U	3.1696	3.1862	3.2342	3.3077	3.3973	3.4902	3.5719	3.6280	3.6479
	V	-0.0318	-0.0317	-0.0316	-0.0314	-0.0312	-0.0309	-0.0307	-0.0305	-0.0304
	W	0.0	0.0577	0.1063	0.1383	0.1488	0.1367	0.1040	0.0561	0.0000
0.025	A	2.4881	2.4837	2.4709	2.4511	2.4263	2.3999	2.3761	2.3594	2.3534
	RHO	5.2680	5.2591	5.2352	5.2034	5.1728	5.1505	5.1359	5.1370	5.1368
	P	2.3807	2.3683	2.3334	2.2821	2.2231	2.1658	2.1185	2.0876	2.0769
	U	3.1694	3.1864	3.2352	3.3096	3.3997	3.4924	3.5731	3.6282	3.6477
	V	-0.0631	-0.0630	-0.0627	-0.0623	-0.0618	-0.0614	-0.0609	-0.0606	-0.0605
	W	0.0	0.0623	0.1151	0.1503	0.1625	0.1500	0.1148	C.0621	0.0000
0.050	A	2.4880	2.4835	2.4705	2.4503	2.4254	2.3990	2.3755	2.3592	2.3533
	RHO	5.2674	5.2590	5.2363	5.2059	5.1762	5.1540	5.1417	5.1371	5.1362
	P	2.3803	2.3679	2.3331	2.2818	2.2228	2.1655	2.1182	2.0873	2.0765
	U	3.1685	3.1858	3.2355	3.3109	3.4014	3.4939	3.5737	3.6278	3.6470
	V	-0.1245	-0.1243	-0.1238	-0.1230	-0.1221	-0.1211	-0.1202	-0.1195	-0.1193
	W	0.0	0.0689	0.1275	0.1670	0.1813	0.1661	0.1291	C.0700	0.0000
0.100	A	2.4878	2.4832	2.4698	2.4493	2.4241	2.3979	2.3748	2.3588	2.3531
	RHO	5.2648	5.2570	5.2358	5.2071	5.1784	5.1558	5.1419	5.1355	5.1339
	P	2.3787	2.3664	2.3316	2.2804	2.2215	2.1642	2.1169	2.0860	2.0752
	U	3.1651	3.1828	3.2333	3.3097	3.4007	3.4930	3.5720	3.6253	3.6441
	V	-0.2427	-0.2424	-0.2414	-0.2398	-0.2379	-0.2358	-0.2339	-0.2325	-0.2320
	W	0.0	0.0780	0.1445	0.1897	0.2065	0.1921	0.1479	0.0804	C.0000
0.200	A	2.4869	2.4821	2.4685	2.4476	2.4222	2.3961	2.3734	2.3578	2.3523
	RHO	5.2555	5.2484	5.2290	5.2023	5.1748	5.1518	5.1362	5.1278	5.1253
	P	2.3728	2.3605	2.3260	2.2751	2.2164	2.1593	2.1120	2.0811	2.0703
	U	3.1599	3.1777	3.2288	3.3056	3.3970	3.4893	3.5680	3.6210	3.6396
	V	-0.3552	-0.3547	-0.3533	-0.3510	-0.3481	-0.3450	-0.3421	-C.3400	-0.3392
	W	0.0	0.0845	0.1566	0.2057	0.2242	0.2086	0.1607	0.0874	0.0000
0.300	A	2.4855	2.4807	2.4668	2.4457	2.4203	2.3943	2.3718	2.3565	2.3511
	RHO	5.2410	5.2345	5.2164	5.1913	5.1646	5.1415	5.1248	5.1152	5.1121
	P	2.3637	2.3516	2.3173	2.2668	2.2085	2.1516	2.1045	2.0736	2.0629
	U	3.1530	3.1710	3.2224	3.2996	3.3913	3.4836	3.5623	3.6151	3.6337
	V	-0.4625	-0.4618	-0.4600	-0.4570	-0.4532	-0.4491	-0.4452	-0.4425	-0.4414
	W	0.0	0.0896	0.1661	0.2183	0.2379	0.2214	0.1705	0.0927	0.0000
0.400	A	2.4837	2.4788	2.4648	2.4436	2.4181	2.3922	2.3699	2.3548	2.3495
	RHO	5.2223	5.2162	5.1993	5.1755	5.1497	5.1265	5.1091	5.0986	5.0951
	P	2.3519	2.3399	2.3060	2.2561	2.1983	2.1417	2.0948	2.0640	2.0533
	U	3.1447	3.1628	3.2144	3.2920	3.3840	3.4764	3.5552	3.6079	3.6265
	V	-0.5649	-0.5642	-0.5619	-0.5583	-0.5537	-0.5486	-0.5439	-0.5405	-0.5393
	W	0.0	0.0938	0.1740	0.2286	0.2491	0.2317	0.1784	0.0970	0.0000
0.500	A	2.4816	2.4767	2.4626	2.4413	2.4158	2.3900	2.3678	2.3529	2.3477
	RHO	5.1999	5.1942	5.1784	5.1558	5.1308	5.1078	5.0858	5.0787	5.0749
	P	2.3378	2.3259	2.2925	2.2432	2.1859	2.1299	2.0832	2.0526	2.0419
	U	3.1352	3.1533	3.2052	3.2831	3.3753	3.4680	3.5468	3.5957	3.6183
	V	-0.6631	-0.6622	-0.6595	-0.6554	-0.6500	-0.6441	-0.6386	-0.6346	-0.6331
	W	0.0	0.0974	0.1806	0.2372	0.2584	0.2403	0.1850	C.1005	0.0000
0.600	A	2.4792	2.4742	2.4600	2.4387	2.4132	2.3875	2.3655	2.3507	2.3455
	RHO	5.1743	5.1691	5.1543	5.1328	5.1087	5.0858	5.0675	5.0558	5.0518
	P	2.3217	2.3100	2.2771	2.2284	2.1719	2.1163	2.0700	2.0395	2.0289
	U	3.1246	3.1428	3.1949	3.2730	3.3656	3.4585	3.5375	3.5904	3.6090
	V	-0.7572	-0.7562	-0.7532	-0.7485	-0.7424	-0.7358	-0.7295	-0.7250	-0.7234
	W	0.0	0.1005	0.1864	0.2447	0.2665	0.2477	0.1906	0.1035	0.0000
0.700	A	2.4764	2.4715	2.4573	2.4359	2.4104	2.3848	2.3629	2.3483	2.3431
	RHO	5.1459	5.1410	5.1272	5.1069	5.0836	5.0610	5.0425	5.0304	5.0262
	P	2.3039	2.2924	2.2601	2.2121	2.1562	2.1013	2.0554	2.0251	2.0146
	U	3.1131	3.1314	3.1837	3.2621	3.3549	3.4480	3.5273	3.5803	3.5990
	V	-0.8478	-0.8467	-0.8434	-0.8381	-0.8314	-0.8240	-0.8172	-0.8122	-0.8104
	W	0.0	0.1033	0.1914	0.2512	0.2734	0.2540	0.1953	0.1061	0.0000
0.800	A	2.4735	2.4685	2.4542	2.4328	2.4074	2.3819	2.3602	2.3456	2.3405
	RHO	5.1150	5.1105	5.0976	5.0784	5.0560	5.0337	5.0151	5.0027	4.9984
	P	2.2845	2.2733	2.2415	2.1943	2.1392	2.0849	2.0394	2.0094	1.9989
	U	3.1009	3.1192	3.1716	3.2503	3.3434	3.4368	3.5163	3.5695	3.5882
	V	-0.9351	-0.9338	-0.9302	-0.9245	-0.9172	-0.9092	-0.9018	-0.8964	-0.8945
	W	0.0	0.1057	0.1958	0.2569	0.2795	0.2595	0.1995	0.1083	0.0000
0.900	A	2.4702	2.4652	2.4510	2.4296	2.4043	2.3788	2.3572	2.3428	2.3377
	RHO	5.0819	5.0777	5.0657	5.0476	5.0260	5.0041	4.9854	4.9728	4.9684
	P	2.2638	2.2528	2.2216	2.1752	2.1209	2.0673	2.0223	1.9925	1.9822
	U	3.0880	3.1064	3.1585	3.2378	3.3312	3.4249	3.5046	3.5580	3.5768
	V	-1.0194	-1.0181	-1.0142	-1.0080	-1.0002	-0.9916	-0.9837	-0.9779	-0.9759
	W	0.0	0.1078	0.1997	0.2620	0.2849	0.2644	0.2031	0.1102	0.0000
1.000	A	2.4668	2.4618	2.4476	2.4262	2.4009	2.3756	2.3541	2.3397	2.3347
	RHO	5.0465	5.0427	5.0316	5.0146	4.9939	4.9724	4.9538	4.9410	4.9364
	P	2.2418	2.2310	2.2004	2.1549	2.1015	2.0486	2.0041	1.9746	1.9643
THS/THC		1.1926	1.1920	1.1902	1.1875	1.1841	1.1805	1.1773	1.1751	1.1743

M= 6.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 4.3618

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.9091	2.9240	2.9665	3.0303	3.1060	3.1818	3.2458	3.2883	3.3031
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.1015	0.1882	0.2470	0.2683	0.2478	0.1886	0.1013	0.0000
0.0	A	2.5510	2.5472	2.5363	2.5202	2.5012	2.4825	2.4669	2.4567	2.4531
	RHO	5.3246	5.2850	5.1735	5.0107	4.8253	4.6477	4.5036	4.4108	4.3789
	P	2.5295	2.5032	2.4296	2.3232	2.2038	2.0911	2.0009	1.9434	1.9238
	U	2.9090	2.9395	3.0282	3.1669	3.3412	3.5255	3.7018	3.8237	3.8679
	V	-0.0326	-0.0325	-0.0322	-0.0318	-0.0314	-0.0309	-0.0304	-0.0300	-0.0299
	W	0.0	0.1175	0.2164	0.2809	0.3009	0.2743	0.2073	0.1113	0.0000
0.025	A	2.5509	2.5434	2.5212	2.4856	2.4391	2.3861	2.3347	2.2963	2.2820
	RHO	5.3244	5.3004	5.2358	5.1512	5.0746	5.0311	5.0284	5.0482	5.0599
	P	2.5294	2.5031	2.4295	2.3233	2.2038	2.0911	2.0008	1.9433	1.9237
	U	2.9087	2.9405	3.0324	3.1749	3.3517	3.5353	3.7079	3.8255	3.8677
	V	-0.0646	-0.0644	-0.0639	-0.0632	-0.0623	-0.0613	-0.0604	-0.0597	-0.0594
	W	0.0	0.1256	0.2318	0.3024	0.3265	0.3009	0.2300	0.1246	0.0000
0.050	A	2.5509	2.5430	2.5198	2.4829	2.4354	2.3824	2.3322	2.2955	2.2820
	RHO	5.3237	5.3013	5.2409	5.1618	5.0894	5.0463	5.0385	5.0511	5.0593
	P	2.5289	2.5027	2.4292	2.3231	2.2037	2.0909	2.0006	1.9430	1.9233
	U	2.9078	2.9407	3.0360	3.1823	3.3614	3.5483	3.7132	3.8266	3.8670
	V	-0.1276	-0.1272	-0.1263	-0.1248	-0.1230	-0.1210	-0.1191	-0.1176	-0.1170
	W	0.0	0.1373	0.2542	0.3333	0.3627	0.3373	0.2602	0.1418	0.0000
0.100	A	2.5506	2.5423	2.5180	2.4798	2.4312	2.3783	2.3294	2.2945	2.2818
	RHO	5.3211	5.3006	5.2453	5.1725	5.1048	5.0614	5.0479	5.0526	5.0570
	P	2.5272	2.5010	2.4279	2.3220	2.2028	2.0900	1.9956	1.9419	1.9221
	U	2.9041	2.9383	3.0368	3.1869	3.3681	3.5542	3.7157	3.8259	3.8643
	V	-0.2488	-0.2482	-0.2464	-0.2437	-0.2401	-0.2360	-0.2318	-0.2285	-0.2272
	W	0.0	0.1540	0.2859	0.3766	0.4122	0.3860	0.2993	0.1637	0.0000
0.200	A	2.5497	2.5409	2.5154	2.4756	2.4260	2.3733	2.3259	2.2929	2.2810
	RHO	5.3112	5.2932	5.2445	5.1795	5.1171	5.0731	5.0525	5.0483	5.0487
	P	2.5206	2.4948	2.4224	2.3173	2.1987	2.0860	1.9955	1.9375	1.9177
	U	2.8983	2.9333	3.0336	3.1856	3.3680	3.5538	3.7139	3.8220	3.8601
	V	-0.3640	-0.3632	-0.3607	-0.3567	-0.3515	-0.3453	-0.3388	-0.3337	-0.3317
	W	0.0	0.1663	0.3092	0.4079	0.4474	0.4155	0.3257	0.1781	0.0000
0.300	A	2.5482	2.5391	2.5128	2.4722	2.4221	2.3696	2.3232	2.2913	2.2799
	RHO	5.2960	5.2799	5.2360	5.1767	5.1179	5.0732	5.0481	5.0382	5.0361
	P	2.5105	2.4851	2.4136	2.3097	2.1918	2.0796	1.9890	1.9309	1.9110
	U	2.8908	2.9262	3.0277	3.1810	3.3643	3.5501	3.7095	3.8168	3.8546
	V	-0.4737	-0.4726	-0.4695	-0.4645	-0.4577	-0.4494	-0.4408	-0.4340	-0.4314
	W	0.0	0.1763	0.3278	0.4328	0.4748	0.4454	0.3456	0.1889	0.0000
0.400	A	2.5463	2.5370	2.5102	2.4689	2.4185	2.3663	2.3206	2.2895	2.2784
	RHO	5.2763	5.2618	5.2220	5.1674	5.1116	5.0666	5.0379	5.0239	5.0200
	P	2.4975	2.4724	2.4021	2.2995	2.1827	2.0710	1.9806	1.9224	1.9024
	U	2.8818	2.9175	3.0198	3.1742	3.3581	3.5441	3.7032	3.8102	3.8478
	V	-0.5783	-0.5771	-0.5734	-0.5673	-0.5590	-0.5489	-0.5384	-0.5300	-0.5268
	W	0.0	0.1847	0.3434	0.4534	0.4973	0.4662	0.3615	0.1975	0.0000
0.500	A	2.5441	2.5346	2.5073	2.4657	2.4151	2.3631	2.3180	2.2875	2.2767
	RHO	5.2528	5.2397	5.2036	5.1532	5.1001	5.0549	5.0235	5.0062	5.0009
	P	2.4819	2.4573	2.3882	2.2871	2.1716	2.0607	1.9705	1.9123	1.8923
	U	2.8715	2.9075	3.0104	3.1655	3.3501	3.5364	3.6956	3.8025	3.8401
	V	-0.6783	-0.6769	-0.6726	-0.6656	-0.6560	-0.6442	-0.6318	-0.6221	-0.6184
	W	0.0	0.1919	0.3568	0.4709	0.5163	0.4835	0.3746	0.2044	0.0000
0.600	A	2.5414	2.5319	2.5043	2.4623	2.4116	2.3599	2.3153	2.2853	2.2747
	RHO	5.2259	5.2141	5.1815	5.1350	5.0844	5.0392	5.0056	4.9856	4.9791
	P	2.4641	2.4401	2.3723	2.2728	2.1588	2.0487	1.9589	1.9008	1.8808
	U	2.8601	2.8963	2.9997	3.1554	3.3406	3.5273	3.6868	3.7938	3.8314
	V	-0.7741	-0.7725	-0.7677	-0.7598	-0.7489	-0.7356	-0.7216	-0.7107	-0.7065
	W	0.0	0.1982	0.3684	0.4860	0.5325	0.4982	0.3856	0.2102	0.0000
0.700	A	2.5385	2.5289	2.5011	2.4588	2.4082	2.3566	2.3125	2.2829	2.2725
	RHO	5.1961	5.1856	5.1561	5.1134	5.0653	5.0202	4.9847	4.9625	4.9549
	P	2.4444	2.4209	2.3546	2.2569	2.1444	2.0354	1.9460	1.8880	1.8680
	U	2.8477	2.8841	2.9879	3.1442	3.3299	3.5172	3.6770	3.7842	3.8220
	V	-0.8661	-0.8643	-0.8590	-0.8502	-0.8382	-0.8234	-0.8081	-0.7960	-0.7915
	W	0.0	0.2038	0.3787	0.4993	0.5465	0.5109	0.3950	0.2152	0.0000
0.800	A	2.5354	2.5256	2.4976	2.4553	2.4046	2.3533	2.3096	2.2803	2.2701
	RHO	5.1637	5.1544	5.1280	5.0887	5.0430	4.9983	4.9613	4.9370	4.9286
	P	2.4231	2.4002	2.3353	2.2395	2.1287	2.0208	1.9320	1.8741	1.8541
	U	2.8346	2.8711	2.9752	3.1320	3.3183	3.5061	3.6664	3.7740	3.8118
	V	-0.9546	-0.9526	-0.9468	-0.9373	-0.9241	-0.9081	-0.8915	-0.8786	-0.8736
	W	0.0	0.2088	0.3878	0.5110	0.5589	0.5219	0.4030	0.2194	0.0000
0.900	A	2.5319	2.5221	2.4940	2.4516	2.4010	2.3499	2.3065	2.2776	2.2675
	RHO	5.1290	5.1208	5.0973	5.0614	5.0181	4.9738	4.9355	4.9095	4.9003
	P	2.4004	2.3780	2.3146	2.2208	2.1118	2.0051	1.9168	1.8592	1.8392
	U	2.8208	2.8574	2.9618	3.1190	3.3058	3.4942	3.6550	3.7630	3.8010
	V	-1.0400	-1.0378	-1.0315	-1.0211	-1.0070	-0.9898	-0.9722	-0.9585	-0.9532
	W	0.0	0.2133	0.3960	0.5215	0.5698	0.5315	0.4101	0.2231	0.0000
1.000	A	2.5283	2.5184	2.4903	2.4477	2.3972	2.3464	2.3034	2.2747	2.2647
	RHO	5.0921	5.0850	5.0643	5.0318	4.9908	4.9469	4.9075	4.8800	4.8701
	P	2.3762	2.3545	2.2927	2.2008	2.0937	1.9883	1.9007	1.8433	1.8234
THS/THC		1.2043	1.2033	1.2000	1.1948	1.1881	1.1807	1.1738	1.1685	1.1672

M= 6.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 4.3618

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.6311	2.6550	2.7232	2.8265	2.9497	3.0729	3.1792	3.2486	3.2725
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1627	0.3030	0.4007	0.4386	0.4072	0.3093	0.1647	0.0000
0.0	A	2.6106	2.6048	2.5881	2.5632	2.5340	2.5054	2.4818	2.4666	2.4613
	RHO	5.3762	5.3163	5.1483	4.9052	4.6323	4.3764	4.1744	4.0477	4.0048
	P	2.6749	2.6332	2.5175	2.3527	2.1715	2.0054	1.8771	1.7978	1.7712
	U	2.6310	2.6732	2.7965	2.9914	3.2426	3.5267	3.8007	4.0015	4.0757
	V	-0.0335	-0.0334	-0.0330	-0.0324	-0.0318	-0.0311	-0.0304	-0.0296	-0.0294
	W	0.0	0.1803	0.3325	0.4317	0.4609	0.4163	0.3112	0.1661	0.0000
0.025	A	2.6106	2.6008	2.5716	2.5244	2.4606	2.3829	2.3003	2.2341	2.2085
	RHO	5.3760	5.3325	5.2147	5.0578	4.9136	4.8383	4.8594	4.9339	4.9738
	P	2.6748	2.6332	2.5176	2.3530	2.1718	2.0056	1.8771	1.7977	1.7711
	U	2.6307	2.6753	2.8051	3.0086	3.2668	3.5511	3.8166	4.0067	4.0755
	V	-0.0665	-0.0662	-0.0654	-0.0643	-0.0629	-0.0616	-0.0602	-0.0590	-0.0584
	W	0.0	0.1904	0.3518	0.4590	0.4946	0.4541	0.3466	0.1881	0.0000
0.050	A	2.6106	2.6001	2.5691	2.5192	2.4528	2.3741	2.2939	2.2315	2.2085
	RHO	5.3753	5.3346	5.2246	5.0788	4.9455	4.8744	4.8863	4.9428	4.9732
	P	2.6743	2.6328	2.5175	2.3531	2.1720	2.0057	1.8770	1.7975	1.7708
	U	2.6296	2.6768	2.8135	3.0257	3.2904	3.5740	3.8310	4.0105	4.0748
	V	-0.1312	-0.1307	-0.1293	-0.1271	-0.1245	-0.1217	-0.1188	-0.1161	-0.1150
	W	0.0	0.2057	0.3811	0.5003	0.5448	0.5078	0.3938	0.2160	0.0000
0.100	A	2.6103	2.5990	2.5660	2.5131	2.4438	2.3645	2.2871	2.2296	2.2083
	RHO	5.3725	5.3354	5.2353	5.1026	4.9812	4.9132	4.9136	4.9504	4.9710
	P	2.6723	2.6311	2.5164	2.3526	2.1718	2.0054	1.8763	1.7965	1.7697
	U	2.6255	2.6754	2.8192	3.0401	3.3104	3.5927	3.8416	4.0119	4.0723
	V	-0.2557	-0.2548	-0.2524	-0.2486	-0.2437	-0.2379	-0.2312	-0.2251	-0.2226
	W	0.0	0.2284	0.4247	0.5609	0.6165	0.5811	0.4548	0.2506	0.0000
0.200	A	2.6093	2.5971	2.5615	2.5052	2.4332	2.3537	2.2756	2.2267	2.2076
	RHO	5.3620	5.3299	5.2429	5.1272	5.0192	4.9526	4.9381	4.9529	4.9630
	P	2.6650	2.6245	2.5114	2.3492	2.1693	2.0029	1.8733	1.7928	1.7657
	U	2.6191	2.6705	2.8182	3.0436	3.3168	3.5964	3.8434	4.0097	4.0683
	V	-0.3737	-0.3726	-0.3693	-0.3641	-0.3572	-0.3483	-0.3379	-0.3285	-0.3246
	W	0.0	0.2459	0.4578	0.6062	0.6685	0.6322	0.4955	0.2730	0.0000
0.300	A	2.6077	2.5950	2.5578	2.4994	2.4259	2.3465	2.2746	2.2244	2.2065
	RHO	5.3459	5.3178	5.2406	5.1371	5.0379	4.9712	4.9463	4.9473	4.9510
	P	2.6539	2.6141	2.5029	2.3429	2.1644	1.9983	1.8682	1.7871	1.7597
	U	2.6109	2.6632	2.8134	3.0417	3.3167	3.5981	3.8412	4.0053	4.0631
	V	-0.4858	-0.4844	-0.4804	-0.4741	-0.4652	-0.4535	-0.4394	-0.4268	-0.4217
	W	0.0	0.2603	0.4850	0.6428	0.7098	0.6715	0.5259	0.2894	0.0000
0.400	A	2.6057	2.5925	2.5541	2.4944	2.4199	2.3408	2.2705	2.2222	2.2051
	RHO	5.3251	5.3001	5.2317	5.1384	5.0462	4.9751	4.9459	4.9366	4.9357
	P	2.6394	2.6005	2.4915	2.3340	2.1572	1.9917	1.8614	1.7797	1.7521
	U	2.6010	2.6540	2.8060	3.0363	3.3126	3.5941	3.8363	3.9954	4.0568
	V	-0.5924	-0.5908	-0.5862	-0.5788	-0.5681	-0.5537	-0.5363	-0.5209	-0.5146
	W	0.0	0.2726	0.5081	0.6737	0.7439	0.7033	0.5500	0.3022	0.0000
0.500	A	2.6032	2.5897	2.5505	2.4897	2.4146	2.3359	2.2669	2.2200	2.2035
	RHO	5.3003	5.2782	5.2175	5.1334	5.0473	4.9757	4.9357	4.9222	4.9176
	P	2.6222	2.5842	2.4777	2.3229	2.1482	1.9835	1.8530	1.7710	1.7431
	U	2.5897	2.6432	2.7965	3.0283	3.3057	3.5876	3.8295	3.9922	4.0495
	V	-0.6941	-0.6923	-0.6871	-0.6786	-0.6663	-0.6493	-0.6290	-0.6110	-0.6037
	W	0.0	0.2834	0.5282	0.7001	0.7727	0.7297	0.5697	0.3125	0.0000
0.600	A	2.6004	2.5866	2.5467	2.4851	2.4096	2.3313	2.2634	2.2177	2.2017
	RHO	5.2720	5.2527	5.1991	5.1234	5.0429	4.9749	4.9291	4.9047	4.8972
	P	2.6026	2.5656	2.4617	2.3098	2.1375	1.9739	1.8434	1.7610	1.7330
	U	2.5773	2.6312	2.7854	3.0183	3.2967	3.5791	3.8213	3.9840	4.0413
	V	-0.7912	-0.7893	-0.7835	-0.7739	-0.7600	-0.7409	-0.7179	-0.6978	-0.6896
	W	0.0	0.2929	0.5459	0.7232	0.7975	0.7520	0.5860	0.3209	0.0000
0.700	A	2.5974	2.5833	2.5428	2.4806	2.4049	2.3270	2.2601	2.2153	2.1996
	RHO	5.2407	5.2240	5.1771	5.1092	5.0339	4.9657	4.9149	4.8845	4.8745
	P	2.5810	2.5451	2.4438	2.2952	2.1254	1.9630	1.8327	1.7499	1.7218
	U	2.5640	2.6181	2.7730	3.0068	3.2861	3.5692	3.8118	3.9750	4.0324
	V	-0.8843	-0.8821	-0.8758	-0.8652	-0.8498	-0.8286	-0.8034	-0.7813	-0.7724
	W	0.0	0.3015	0.5616	0.7436	0.8191	0.7711	0.5998	0.3280	0.0000
0.800	A	2.5940	2.5798	2.5388	2.4762	2.4003	2.3229	2.2568	2.2128	2.1974
	RHO	5.2069	5.1926	5.1520	5.0914	5.0210	4.9529	4.8977	4.8621	4.8499
	P	2.5577	2.5228	2.4243	2.2790	2.1119	1.9510	1.8209	1.7379	1.7096
	U	2.5499	2.6042	2.7596	2.9941	3.2743	3.5581	3.8015	3.9652	4.0228
	V	-0.9736	-0.9713	-0.9643	-0.9527	-0.9359	-0.9129	-0.8857	-0.8621	-0.8526
	W	0.0	0.3092	0.5757	0.7618	0.8381	0.7877	0.6116	0.3340	0.0000
0.900	A	2.5904	2.5760	2.5347	2.4717	2.3959	2.3189	2.2534	2.2101	2.1950
	RHO	5.1706	5.1587	5.1241	5.0706	5.0050	4.9370	4.8778	4.8376	4.8234
	P	2.5328	2.4990	2.4033	2.2615	2.0973	1.9380	1.8082	1.7250	1.6965
	U	2.5352	2.5896	2.7453	2.9805	3.2613	3.5461	3.7904	3.9547	4.0126
	V	-1.0596	-1.0570	-1.0494	-1.0368	-1.0187	-0.9941	-0.9652	-0.9403	-0.9303
	W	0.0	0.3162	0.5885	0.7781	0.8549	0.8022	0.6218	0.3391	0.0000
1.000	A	2.5865	2.5720	2.5304	2.4672	2.3914	2.3145	2.2501	2.2073	2.1924
	RHO	5.1323	5.1225	5.0936	5.0469	4.9859	4.9183	4.8556	4.8112	4.7952
	P	2.5066	2.4739	2.3810	2.2428	2.0816	1.9240	1.7947	1.7113	1.6826
THS/THC		1.2185	1.2171	1.2127	1.2054	1.1955	1.1838	1.1725	1.1642	1.1611

M= 7.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.1080

XI	PHI	0.0
	U	4.0295
	V	0.0000
	W	0.0
-0.000	A	2.7482
	RHO	5.4297
	P	2.1995
	U	4.0295
	V	-0.0339
	W	0.0
0.025	A	2.7482
	RHO	5.4295
	P	2.1994
	U	4.0292
	V	-0.0675
	W	0.0
0.050	A	2.7481
	RHO	5.4289
	P	2.1990
	U	4.0284
	V	-0.1332
	W	0.0
0.100	A	2.7479
	RHO	5.4266
	P	2.1977
	U	4.0253
	V	-0.2600
	W	0.0
0.200	A	2.7470
	RHO	5.4178
	P	2.1927
	U	4.0203
	V	-0.3811
	W	0.0
0.300	A	2.7456
	RHO	5.4043
	P	2.1851
	U	4.0137
	V	-0.4970
	W	0.0
0.400	A	2.7438
	RHO	5.3867
	P	2.1751
	U	4.0058
	V	-0.6082
	W	0.0
0.500	A	2.7417
	RHO	5.3655
	P	2.1632
	U	3.9966
	V	-0.7151
	W	0.0
0.600	A	2.7392
	RHO	5.3413
	P	2.1495
	U	3.9864
	V	-0.8182
	W	0.0
0.700	A	2.7364
	RHO	5.3142
	P	2.1343
	U	3.9751
	V	-0.9177
	W	0.0
0.800	A	2.7334
	RHO	5.2847
	P	2.1176
	U	3.9631
	V	-1.0140
	W	0.0
0.900	A	2.7300
	RHO	5.2528
	P	2.0998
	U	3.9503
	V	-1.1073
	W	0.0
1.000	A	2.7265
	RHO	5.2186
	P	2.0807
THS/THC		1.1715

M= 7.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 5.1080

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.9740	3.9754	3.9795	3.9856	3.9928	4.0000	4.0062	4.0102	4.0117
	V	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.0098	0.0181	0.0236	0.0256	0.0236	0.0181	0.0098	0.0000
0.0	A	2.7643	2.7639	2.7627	2.7610	2.7589	2.7568	2.7550	2.7538	2.7534
	RHO	5.4408	5.4367	5.4250	5.4076	5.3872	5.3668	5.3496	5.3382	5.3342
	P	2.2299	2.2276	2.2209	2.2109	2.1992	2.1876	2.1778	2.1713	2.1690
	U	3.9739	3.9780	3.9898	4.0076	4.0286	4.0455	4.0580	4.0802	4.0845
	V	-0.0341	-0.0341	-0.0341	-0.0340	-0.0340	-0.0339	-0.0338	-0.0338	-0.0338
	W	0.0	0.0128	0.0236	0.0309	0.0324	0.0308	0.0236	0.0127	0.0000
0.025	A	2.7643	2.7631	2.7597	2.7545	2.7484	2.7421	2.7368	2.7332	2.7319
	RHO	5.4405	5.4395	5.4367	5.4326	5.4281	5.4240	5.4209	5.4185	5.4183
	P	2.2298	2.2274	2.2208	2.2108	2.1991	2.1875	2.1777	2.1711	2.1689
	U	3.9737	3.9778	3.9897	4.0074	4.0286	4.0458	4.0579	4.0800	4.0843
	V	-0.0678	-0.0678	-0.0677	-0.0676	-0.0675	-0.0673	-0.0673	-0.0672	-0.0672
	W	0.0	0.0140	0.0259	0.0339	0.0367	0.0339	0.0259	0.0140	0.0000
0.050	A	2.7642	2.7631	2.7596	2.7544	2.7483	2.7420	2.7367	2.7331	2.7318
	RHO	5.4399	5.4389	5.4361	5.4321	5.4277	5.4236	5.4204	5.4184	5.4177
	P	2.2294	2.2271	2.2204	2.2105	2.1988	2.1871	2.1773	2.1708	2.1685
	U	3.9728	3.9770	3.9889	4.0067	4.0278	4.0450	4.0671	4.0792	4.0834
	V	-0.1339	-0.1338	-0.1337	-0.1335	-0.1332	-0.1330	-0.1328	-0.1327	-0.1326
	W	0.0	0.0157	0.0291	0.0380	0.0412	0.0381	0.0292	0.0158	0.0000
0.100	A	2.7640	2.7628	2.7594	2.7542	2.7480	2.7418	2.7364	2.7329	2.7316
	RHO	5.4376	5.4366	5.4339	5.4299	5.4255	5.4214	5.4181	5.4161	5.4154
	P	2.2281	2.2257	2.2191	2.2091	2.1974	2.1858	2.1760	2.1695	2.1672
	U	3.9696	3.9738	3.9858	4.0036	4.0248	4.0460	4.0640	4.0761	4.0803
	V	-0.2613	-0.2612	-0.2610	-0.2606	-0.2601	-0.2596	-0.2592	-0.2589	-0.2588
	W	0.0	0.0180	0.0333	0.0436	0.0473	0.0437	0.0335	0.0181	0.0000
0.200	A	2.7631	2.7619	2.7584	2.7532	2.7470	2.7408	2.7355	2.7320	2.7307
	RHO	5.4287	5.4278	5.4252	5.4213	5.4170	5.4129	5.4095	5.4074	5.4066
	P	2.2230	2.2207	2.2140	2.2041	2.1925	2.1809	2.1711	2.1646	2.1623
	U	3.9646	3.9688	3.9808	3.9987	4.0199	4.0411	4.0592	4.0712	4.0755
	V	-0.3831	-0.3829	-0.3825	-0.3819	-0.3812	-0.3804	-0.3798	-0.3794	-0.3792
	W	0.0	0.0196	0.0363	0.0475	0.0515	0.0477	0.0365	0.0198	0.0000
0.300	A	2.7617	2.7605	2.7570	2.7518	2.7456	2.7394	2.7341	2.7306	2.7294
	RHO	5.4151	5.4142	5.4116	5.4079	5.4036	5.3995	5.3962	5.3940	5.3932
	P	2.2152	2.2129	2.2063	2.1964	2.1848	2.1733	2.1636	2.1571	2.1548
	U	3.9579	3.9621	3.9741	3.9921	4.0134	4.0346	4.0527	4.0648	4.0690
	V	-0.4996	-0.4994	-0.4988	-0.4980	-0.4971	-0.4961	-0.4953	-0.4947	-0.4945
	W	0.0	0.0209	0.0387	0.0506	0.0548	0.0507	0.0389	0.0211	0.0000
0.400	A	2.7599	2.7587	2.7552	2.7500	2.7438	2.7376	2.7324	2.7288	2.7276
	RHO	5.3973	5.3964	5.3940	5.3903	5.3862	5.3821	5.3787	5.3765	5.3758
	P	2.2050	2.2027	2.1962	2.1864	2.1749	2.1634	2.1538	2.1473	2.1451
	U	3.9458	3.9541	3.9661	3.9842	4.0054	4.0267	4.0448	4.0569	4.0612
	V	-0.6113	-0.6111	-0.6105	-0.6095	-0.6083	-0.6071	-0.6060	-0.6054	-0.6051
	W	0.0	0.0219	0.0406	0.0531	0.0576	0.0533	0.0408	0.0221	0.0000
0.500	A	2.7577	2.7565	2.7530	2.7478	2.7417	2.7355	2.7302	2.7267	2.7255
	RHO	5.3760	5.3751	5.3727	5.3692	5.3651	5.3611	5.3578	5.3556	5.3548
	P	2.1928	2.1905	2.1840	2.1743	2.1630	2.1516	2.1420	2.1356	2.1334
	U	3.9405	3.9449	3.9568	3.9749	3.9963	4.0176	4.0358	4.0479	4.0521
	V	-0.7188	-0.7186	-0.7178	-0.7166	-0.7152	-0.7138	-0.7126	-0.7118	-0.7115
	W	0.0	0.0228	0.0422	0.0552	0.0599	0.0554	0.0424	0.0230	0.0000
0.600	A	2.7552	2.7540	2.7505	2.7453	2.7392	2.7330	2.7277	2.7242	2.7230
	RHO	5.3515	5.3507	5.3484	5.3449	5.3409	5.3370	5.3338	5.3316	5.3308
	P	2.1788	2.1766	2.1701	2.1606	2.1493	2.1381	2.1286	2.1222	2.1200
	U	3.9301	3.9344	3.9465	3.9646	3.9860	4.0074	4.0256	4.0378	4.0420
	V	-0.8224	-0.8220	-0.8212	-0.8199	-0.8183	-0.8167	-0.8153	-0.8144	-0.8140
	W	0.0	0.0236	0.0436	0.0570	0.0618	0.0572	0.0438	0.0237	0.0000
0.700	A	2.7524	2.7512	2.7477	2.7425	2.7364	2.7302	2.7250	2.7215	2.7203
	RHO	5.3241	5.3234	5.3211	5.3178	5.3140	5.3101	5.3070	5.3048	5.3040
	P	2.1633	2.1610	2.1547	2.1452	2.1341	2.1230	2.1136	2.1073	2.1051
	U	3.9188	3.9230	3.9352	3.9533	3.9748	3.9963	4.0145	4.0267	4.0310
	V	-0.9223	-0.9220	-0.9210	-0.9195	-0.9178	-0.9160	-0.9145	-0.9134	-0.9131
	W	0.0	0.0242	0.0448	0.0586	0.0635	0.0588	0.0450	0.0244	0.0000
0.800	A	2.7493	2.7481	2.7446	2.7394	2.7333	2.7272	2.7220	2.7185	2.7173
	RHO	5.2943	5.2935	5.2914	5.2882	5.2845	5.2808	5.2776	5.2755	5.2748
	P	2.1463	2.1441	2.1378	2.1285	2.1175	2.1065	2.0972	2.0910	2.0889
	U	3.9065	3.9108	3.9230	3.9412	3.9628	3.9843	4.0026	4.0148	4.0191
	V	-1.0190	-1.0186	-1.0176	-1.0160	-1.0141	-1.0121	-1.0104	-1.0093	-1.0089
	W	0.0	0.0248	0.0459	0.0600	0.0651	0.0602	0.0461	0.0250	0.0000
0.900	A	2.7459	2.7447	2.7413	2.7361	2.7300	2.7239	2.7187	2.7152	2.7140
	RHO	5.2620	5.2613	5.2593	5.2562	5.2526	5.2490	5.2460	5.2439	5.2432
	P	2.1280	2.1259	2.1197	2.1105	2.0996	2.0888	2.0796	2.0735	2.0714
	U	3.8936	3.8979	3.9101	3.9284	3.9500	3.9716	3.9899	4.0022	4.0065
	V	-1.1128	-1.1124	-1.1113	-1.1095	-1.1074	-1.1053	-1.1035	-1.1023	-1.1018
	W	0.0	0.0253	0.0469	0.0613	0.0664	0.0614	0.0470	0.0255	0.0000
1.000	A	2.7423	2.7411	2.7377	2.7325	2.7264	2.7203	2.7152	2.7117	2.7105
	RHO	5.2276	5.2269	5.2250	5.2221	5.2186	5.2151	5.2121	5.2101	5.2094
	P	2.1086	2.1064	2.1003	2.0913	2.0806	2.0699	2.0609	2.0548	2.0527
THS/THC		1.1733	1.1731	1.1727	1.1722	1.1715	1.1708	1.1702	1.1698	1.1697

M= 7.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 5.108C

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.7455	3.7532	3.7751	3.8078	3.8465	3.8851	3.9178	3.9396	3.9473
	V	C.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0524	0.0968	0.1265	0.1369	0.1263	0.0965	0.0521	0.0000
0.0	A	2.8274	2.8253	2.8192	2.8101	2.7995	2.7889	2.7800	2.7741	2.7720
	RHO	5.4826	5.4620	5.4035	5.3172	5.2171	5.1192	5.0379	4.9844	4.9658
	P	2.3508	2.3384	2.3034	2.2521	2.1930	2.1356	2.0882	2.0572	2.0465
	U	3.7454	3.7646	3.8201	3.9052	4.0089	4.1164	4.2108	4.2756	4.2986
	V	-0.0348	-0.0347	-0.0346	-0.0343	-0.0340	-0.0337	-0.0334	-0.0333	-0.0332
	W	0.0	0.0649	0.1196	0.1555	0.1674	0.1536	0.1169	0.0636	0.0000
0.025	A	2.8274	2.8221	2.8068	2.7830	2.7532	2.7214	2.6928	2.6726	2.6654
	RHO	5.4824	5.4739	5.4510	5.4213	5.3939	5.3760	5.3693	5.3696	5.3707
	P	2.3507	2.3383	2.3033	2.2520	2.1929	2.1355	2.0881	2.0571	2.0464
	U	3.7452	3.7648	3.8213	3.9074	4.0116	4.1188	4.2122	4.2758	4.2984
	V	-0.0690	-0.0689	-0.0686	-0.0682	-0.0676	-0.0670	-0.0665	-0.0661	-0.0660
	W	0.0	0.0705	0.1301	0.1698	0.1836	0.1694	0.1296	0.0701	0.0000
0.050	A	2.8273	2.8219	2.8063	2.7820	2.7520	2.7204	2.6921	2.6724	2.6653
	RHO	5.4818	5.4738	5.4523	5.4241	5.3977	5.3754	5.3712	5.3698	5.3701
	P	2.3503	2.3379	2.3030	2.2517	2.1926	2.1352	2.0878	2.0568	2.0461
	U	3.7443	3.7643	3.8218	3.9090	4.0137	4.1206	4.2130	4.2755	4.2977
	V	-0.1364	-0.1362	-0.1356	-0.1347	-0.1335	-0.1323	-0.1313	-0.1305	-0.1302
	W	0.0	0.0783	0.1449	0.1897	0.2059	0.1909	0.1466	0.0795	0.0000
0.100	A	2.8271	2.8215	2.8055	2.7809	2.7506	2.7191	2.6912	2.6719	2.6651
	RHO	5.4794	5.4720	5.4521	5.4257	5.4003	5.3816	5.3717	5.3684	5.3678
	P	2.3488	2.3365	2.3016	2.2504	2.1914	2.1340	2.0866	2.0556	2.0448
	U	3.7408	3.7613	3.8197	3.9080	4.0133	4.1200	4.2114	4.2730	4.2948
	V	-0.2666	-0.2662	-0.2650	-0.2631	-0.2608	-0.2583	-0.2560	-0.2544	-0.2538
	W	0.0	0.0892	0.1652	0.2169	0.2361	0.2195	0.1690	0.0918	0.0000
0.200	A	2.8261	2.8204	2.8040	2.7789	2.7484	2.7170	2.6896	2.6709	2.6642
	RHO	5.4702	5.4636	5.4457	5.4215	5.3973	5.3783	5.3664	5.3609	5.3594
	P	2.3433	2.3311	2.2965	2.2455	2.1867	2.1295	2.0821	2.0511	2.0403
	U	3.7354	3.7561	3.8151	3.9040	4.0097	4.1163	4.2074	4.2686	4.2902
	V	-0.3909	-0.3903	-0.3885	-0.3858	-0.3823	-0.3785	-0.3750	-0.3725	-0.3716
	W	0.0	0.0970	0.1798	0.2362	0.2574	0.2395	0.1844	0.1003	0.0000
0.300	A	2.8247	2.8189	2.8022	2.7768	2.7463	2.7150	2.6879	2.6695	2.6629
	RHO	5.4561	5.4500	5.4336	5.4110	5.3877	5.3684	5.3554	5.3485	5.3464
	P	2.3349	2.3227	2.2884	2.2378	2.1794	2.1224	2.0752	2.0442	2.0334
	U	3.7283	3.7491	3.8085	3.8979	4.0039	4.1106	4.2016	4.2626	4.2841
	V	-0.5098	-0.5090	-0.5068	-0.5031	-0.4986	-0.4936	-0.4889	-0.4856	-0.4844
	W	0.0	0.1032	0.1914	0.2514	0.2740	0.2549	0.1964	0.1067	0.0000
0.400	A	2.8228	2.8169	2.8001	2.7745	2.7439	2.7127	2.6858	2.6677	2.6613
	RHO	5.4376	5.4321	5.4168	5.3956	5.3733	5.3539	5.3401	5.3321	5.3296
	P	2.3238	2.3118	2.2778	2.2277	2.1698	2.1131	2.0661	2.0352	2.0245
	U	3.7197	3.7406	3.8004	3.8901	3.9964	4.1033	4.1943	4.2553	4.2767
	V	-0.6238	-0.6229	-0.6201	-0.6157	-0.6101	-0.6039	-0.5982	-0.5941	-0.5926
	W	0.0	0.1084	0.2010	0.2640	0.2876	0.2676	0.2060	0.1120	0.0000
0.500	A	2.8204	2.8145	2.7976	2.7719	2.7413	2.7102	2.6836	2.6656	2.6593
	RHO	5.4154	5.4103	5.3962	5.3763	5.3548	5.3355	5.3210	5.3124	5.3095
	P	2.3105	2.2987	2.2652	2.2156	2.1582	2.1020	2.0553	2.0245	2.0138
	U	3.7098	3.7308	3.7908	3.8809	3.9875	4.0946	4.1857	4.2468	4.2682
	V	-0.7334	-0.7323	-0.7290	-0.7239	-0.7173	-0.7101	-0.7033	-0.6985	-0.6968
	W	0.0	0.1128	0.2092	0.2747	0.2991	0.2782	0.2141	0.1163	0.0000
0.600	A	2.8178	2.8118	2.7948	2.7691	2.7385	2.7075	2.6810	2.6632	2.6570
	RHO	5.3899	5.3852	5.3722	5.3535	5.3328	5.3137	5.2989	5.2896	5.2865
	P	2.2953	2.2837	2.2506	2.2017	2.1450	2.0892	2.0428	2.0122	2.0016
	U	3.6987	3.7158	3.7800	3.8704	3.9774	4.0847	4.1760	4.2372	4.2587
	V	-0.8389	-0.8376	-0.8339	-0.8280	-0.8205	-0.8123	-0.8047	-0.7992	-0.7972
	W	0.0	0.1167	0.2162	0.2839	0.3090	0.2872	0.2210	0.1200	0.0000
0.700	A	2.8148	2.8088	2.7918	2.7660	2.7354	2.7045	2.6782	2.6606	2.6544
	RHO	5.3615	5.3572	5.3452	5.3277	5.3079	5.2891	5.2739	5.2641	5.2608
	P	2.2784	2.2669	2.2344	2.1862	2.1301	2.0750	2.0299	1.9986	1.9880
	U	3.6867	3.7078	3.7682	3.8589	3.9662	4.0738	4.1654	4.2267	4.2482
	V	-0.9406	-0.9392	-0.9350	-0.9285	-0.9201	-0.9110	-0.9025	-0.8965	-0.8943
	W	0.0	0.1200	0.2224	0.2919	0.3177	0.2951	0.2269	0.1232	0.0000
0.800	A	2.8116	2.8055	2.7884	2.7627	2.7321	2.7014	2.6752	2.6577	2.6515
	RHO	5.3304	5.3265	5.3155	5.2992	5.2802	5.2617	5.2464	5.2363	5.2327
	P	2.2600	2.2487	2.2167	2.1693	2.1140	2.0594	2.0138	1.9837	1.9732
	U	3.6737	3.6950	3.7556	3.8465	3.9541	4.0621	4.1535	4.2154	4.2370
	V	-1.0389	-1.0374	-1.0328	-1.0256	-1.0164	-1.0065	-0.9973	-0.9907	-0.9883
	W	0.0	0.1230	0.2279	0.2990	0.3252	0.3020	0.2321	0.1260	0.0000
0.900	A	2.8080	2.8020	2.7848	2.7591	2.7286	2.6980	2.6720	2.6546	2.6485
	RHO	5.2969	5.2934	5.2833	5.2682	5.2502	5.2320	5.2165	5.2061	5.2025
	P	2.2401	2.2290	2.1976	2.1510	2.0965	2.0426	1.9975	1.9676	1.9572
	U	3.6601	3.6814	3.7421	3.8333	3.9412	4.0495	4.1417	4.2033	4.2250
	V	-1.1341	-1.1325	-1.1275	-1.1197	-1.1098	-1.0990	-1.0891	-1.0821	-1.0795
	W	0.0	0.1257	0.2328	0.3054	0.3320	0.3081	0.2367	0.1284	0.0000
1.000	A	2.8042	2.7982	2.7810	2.7553	2.7249	2.6944	2.6685	2.6512	2.6451
	RHO	5.2612	5.2580	5.2488	5.2348	5.2177	5.2000	5.1845	5.1739	5.1701
	P	2.2189	2.2081	2.1773	2.1315	2.0779	2.0247	1.9801	1.9505	1.9402
THS/THC		1.1811	1.1805	1.1787	1.1760	1.1726	1.1691	1.1660	1.1635	1.1631

M= 7.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 5.1080

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.4452	3.4618	3.5091	3.5802	3.6645	3.7485	3.8202	3.8675	3.8840
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.1130	0.2096	0.2751	0.2988	0.2759	0.2101	0.1129	0.0000
0.0	A	2.9028	2.8984	2.8859	2.8673	2.8454	2.8238	2.8058	2.7939	2.7898
	RHO	5.5305	5.4888	5.3716	5.2003	5.0052	4.8181	4.6662	4.5682	4.5346
	P	2.4994	2.4731	2.3995	2.2931	2.1735	2.0606	1.9702	1.9126	1.8929
	U	3.4451	3.4804	3.5831	3.7437	3.9455	4.1632	4.3622	4.5029	4.5537
	V	-0.0357	-0.0356	-0.0353	-0.0348	-0.0343	-0.0337	-0.0331	-0.0326	-0.0325
	W	0.0	0.1324	0.2436	0.3160	0.3381	0.3080	0.2327	0.1248	0.0000
0.025	A	2.9028	2.8937	2.8671	2.8243	2.7683	2.7045	2.6426	2.5964	2.5792
	RHO	5.5303	5.5064	5.4424	5.3598	5.2880	5.2526	5.2602	5.2893	5.3048
	P	2.4993	2.4730	2.3994	2.2931	2.1736	2.0606	1.9702	1.9125	1.8923
	U	3.4448	3.4815	3.5879	3.7528	3.9573	4.1744	4.3691	4.5049	4.5536
	V	-0.0708	-0.0706	-0.0700	-0.0691	-0.0680	-0.0669	-0.0658	-0.0649	-0.0646
	W	0.0	0.1420	0.2621	0.3417	0.3687	0.3395	0.2594	0.1404	0.0000
0.050	A	2.9027	2.89 ?	2.8654	2.8212	2.7640	2.7002	2.6397	2.5955	2.5792
	RHO	5.5296	5.50 ,	5.4480	5.3713	5.3041	5.2690	5.2712	5.2925	5.3042
	P	2.4989	2.4726	2.3991	2.2929	2.1734	2.0605	1.9700	1.9122	1.8925
	U	3.4438	3.4820	3.5921	3.7613	3.9685	4.1846	4.3751	4.5062	4.5529
	V	-0.1399	-0.1396	-0.1384	-0.1367	-0.1345	-0.1322	-0.1299	-0.1281	-0.1274
	W	0.0	0.1560	0.2888	0.3786	0.4117	0.3828	0.2952	0.1608	0.0000
0.100	A	2.9024	2.8925	2.8634	2.8175	2.7591	2.6954	2.6364	2.5943	2.5790
	RHO	5.5271	5.5069	5.4530	5.3832	5.3209	5.2856	5.2816	5.2943	5.3020
	P	2.4973	2.4711	2.3979	2.2919	2.1726	2.0596	1.9690	1.9112	1.8914
	U	3.4400	3.4797	3.5936	3.7671	3.9766	4.1918	4.3785	4.5053	4.5501
	V	-0.2735	-0.2728	-0.2707	-0.2674	-0.2631	-0.2582	-0.2531	-0.2492	-0.2477
	W	0.0	0.1761	0.3269	0.4305	0.4710	0.4408	0.3418	0.1868	0.0000
0.200	A	2.9014	2.8909	2.8603	2.8126	2.7530	2.6855	2.6324	2.5925	2.5782
	RHO	5.5176	5.5001	5.4532	5.3918	5.3352	5.2993	5.2876	5.2906	5.2938
	P	2.4912	2.4654	2.3928	2.2876	2.1688	2.0560	1.9652	1.9072	1.8873
	U	3.4341	3.4746	3.5905	3.7663	3.9772	4.1920	4.3769	4.5018	4.5459
	V	-0.4011	-0.4000	-0.3970	-0.3923	-0.3859	-0.3784	-0.3707	-0.3646	-0.3623
	W	0.0	0.1910	0.3550	0.4683	0.5134	0.4813	0.3735	0.2042	0.0000
0.300	A	2.8999	2.8890	2.8574	2.8086	2.7484	2.6852	2.6293	2.5907	2.5770
	RHO	5.5027	5.4872	5.4455	5.3901	5.3374	5.3008	5.2841	5.2809	5.2814
	P	2.4819	2.4563	2.3847	2.2805	2.1625	2.0500	1.9593	1.9011	1.8811
	U	3.4263	3.4673	3.5847	3.7620	3.9738	4.1885	4.3726	4.4966	4.5402
	V	-0.5229	-0.5217	-0.5178	-0.5117	-0.5033	-0.4933	-0.4830	-0.4750	-0.4719
	W	0.0	0.2031	0.3777	0.4985	0.5467	0.5126	0.3977	0.2173	0.0000
0.400	A	2.8978	2.8867	2.8545	2.8049	2.7443	2.6814	2.6264	2.5887	2.5754
	RHO	5.4833	5.4696	5.4322	5.3819	5.3324	5.2953	5.2748	5.2670	5.2654
	P	2.4696	2.4445	2.3739	2.2710	2.1540	2.0420	1.9514	1.8932	1.8731
	U	3.4170	3.4583	3.5766	3.7551	3.9677	4.1826	4.3664	4.4899	4.5334
	V	-0.6397	-0.6381	-0.6335	-0.6260	-0.6158	-0.6035	-0.5908	-0.5808	-0.5771
	W	0.0	0.2134	0.3967	0.5236	0.5742	0.5380	0.4171	0.2278	0.0000
0.500	A	2.8954	2.8840	2.8513	2.8012	2.7404	2.6778	2.6234	2.5866	2.5735
	RHO	5.4600	5.4478	5.4144	5.3686	5.3219	5.2846	5.2610	5.2495	5.2463
	P	2.4549	2.4303	2.3609	2.2594	2.1436	2.0324	1.9420	1.8837	1.8636
	U	3.4062	3.4478	3.5669	3.7462	3.9596	4.1748	4.3586	4.4820	4.5255
	V	-0.7516	-0.7498	-0.7445	-0.7357	-0.7237	-0.7093	-0.6944	-0.6827	-0.6783
	W	0.0	0.2222	0.4131	0.5451	0.5974	0.5593	0.4332	0.2364	0.0000
0.600	A	2.8925	2.8810	2.8479	2.7974	2.7365	2.6741	2.6204	2.5842	2.5714
	RHO	5.4332	5.4225	5.3927	5.3510	5.3071	5.2697	5.2435	5.2290	5.2245
	P	2.4381	2.4139	2.3458	2.2459	2.1315	2.0211	1.9311	1.8729	1.8528
	U	3.3942	3.4361	3.5557	3.7358	3.9498	4.1655	4.3456	4.4731	4.5166
	V	-0.8593	-0.8572	-0.8511	-0.8412	-0.8275	-0.8111	-0.7942	-0.7810	-0.7759
	W	0.0	0.2300	0.4275	0.5638	0.6174	0.5775	0.4468	0.2436	0.0000
0.700	A	2.8893	2.8777	2.8443	2.7935	2.7325	2.6705	2.6173	2.5816	2.5690
	RHO	5.4034	5.3940	5.3676	5.3299	5.2886	5.2512	5.2229	5.2059	5.2003
	P	2.4194	2.3958	2.3290	2.2308	2.1179	2.0085	1.9189	1.8608	1.8408
	U	3.3812	3.4233	3.5433	3.7240	3.9387	4.1550	4.3395	4.4633	4.5068
	V	-0.9629	-0.9606	-0.9539	-0.9427	-0.9275	-0.9092	-0.8905	-0.8759	-0.8704
	W	0.0	0.2369	0.4402	0.5802	0.6349	0.5932	0.4585	0.2497	0.0000
0.800	A	2.8858	2.8741	2.8405	2.7895	2.7285	2.6667	2.6140	2.5788	2.5664
	RHO	5.3709	5.3627	5.3396	5.3057	5.2669	5.2257	5.1897	5.1804	5.1738
	P	2.3990	2.3759	2.3106	2.2143	2.1030	1.9947	1.9057	1.8477	1.8276
	U	3.3673	3.4095	3.5299	3.7112	3.9265	4.1434	4.3284	4.4526	4.4963
	V	-1.0630	-1.0605	-1.0530	-1.0407	-1.0240	-1.0041	-0.9837	-0.9679	-0.9619
	W	0.0	0.2431	0.4515	0.5948	0.6503	0.6070	0.4686	0.2550	0.0000
0.900	A	2.8821	2.8703	2.8364	2.7853	2.7244	2.6625	2.6107	2.5758	2.5635
	RHO	5.3358	5.3288	5.3088	5.2786	5.2423	5.2054	5.1739	5.1527	5.1452
	P	2.3771	2.3546	2.2908	2.1964	2.0869	1.9758	1.8913	1.8335	1.8135
	U	3.3527	3.3950	3.5157	3.6975	3.9134	4.1310	4.3166	4.4412	4.4850
	V	-1.1598	-1.1570	-1.1488	-1.1355	-1.1174	-1.0958	-1.0740	-1.0572	-1.0508
	W	0.0	0.2487	0.4617	0.6078	0.6639	0.6151	0.4774	0.2597	0.0000
1.000	A	2.8780	2.8661	2.8322	2.7810	2.7202	2.6590	2.6071	2.5726	2.5605
	RHO	5.2984	5.2926	5.2756	5.2488	5.2150	5.1787	5.1459	5.1229	5.1146
	P	2.3538	2.3319	2.2697	2.1773	2.0696	1.9638	1.8780	1.8184	1.7985
THS/THC		1.1923	1.1912	1.1880	1.1829	1.1763	1.1691	1.1624	1.1576	1.1559

M= 7.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 5.1080

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.1261	3.1528	3.2290	3.3442	3.4817	3.6203	3.7377	3.8151	3.8419
	V	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.1817	0.3383	0.4471	0.4893	0.4541	0.3451	0.1840	0.0000
0.0	A	2.9741	2.9674	2.9482	2.9194	2.8857	2.8526	2.8253	2.8075	2.8014
	RHO	5.5743	5.5115	5.3353	5.0803	4.7939	4.5248	4.3122	4.1785	4.1332
	P	2.6446	2.6029	2.4872	2.3224	2.1411	1.9748	1.8461	1.7665	1.7397
	U	3.1260	3.1748	3.3175	3.5432	3.8343	4.1630	4.4751	4.7104	4.7951
	V	-0.0367	-0.0365	-0.0361	-0.0354	-0.0347	-0.0338	-0.0329	-0.0321	-0.0318
	W	0.0	0.2031	0.3743	0.4854	0.5173	0.4666	0.3486	0.1860	0.0000
0.025	A	2.9741	2.9623	2.9275	2.8708	2.7940	2.7002	2.6006	2.5209	2.4902
	RHO	5.5741	5.5301	5.4112	5.2546	5.1146	5.0505	5.0896	5.1825	5.2305
	P	2.6444	2.6028	2.4873	2.3227	2.1414	1.9750	1.8462	1.7665	1.7397
	U	3.1257	3.1773	3.3275	3.5629	3.8617	4.1904	4.4568	4.7157	4.7950
	V	-0.0728	-0.0725	-0.0716	-0.0703	-0.0687	-0.0671	-0.0654	-0.0639	-0.0633
	W	0.0	0.2153	0.3976	0.5182	0.5578	0.5117	0.3903	0.2117	0.0000
0.050	A	2.9740	2.9615	2.9245	2.8646	2.7847	2.6899	2.5932	2.5184	2.4902
	RHO	5.5734	5.5324	5.4220	5.2773	5.1491	5.0895	5.1186	5.1922	5.2300
	P	2.6440	2.6025	2.4872	2.3227	2.1416	1.9751	1.8461	1.7662	1.7394
	U	3.1246	3.1792	3.3372	3.5827	3.8887	4.2164	4.5131	4.7202	4.7943
	V	-0.1439	-0.1434	-0.1417	-0.1392	-0.1361	-0.1327	-0.1291	-0.1260	-0.1247
	W	0.0	0.2337	0.4329	0.5678	0.6178	0.5755	0.4460	0.2446	0.0000
0.100	A	2.9738	2.9603	2.9208	2.8573	2.7741	2.6788	2.5852	2.5157	2.4900
	RHO	5.5707	5.5336	5.4338	5.3033	5.1879	5.1316	5.1483	5.2007	5.2278
	P	2.6422	2.6010	2.4862	2.3223	2.1413	1.9748	1.8455	1.7653	1.7384
	U	3.1204	3.1781	3.3444	3.5996	3.9120	4.2382	4.5255	4.7221	4.7918
	V	-0.2812	-0.2802	-0.2773	-0.2727	-0.2669	-0.2598	-0.2518	-0.2448	-0.2418
	W	0.0	0.2612	0.4855	0.6407	0.7038	0.6630	0.5186	0.2857	0.0000
0.200	A	2.9727	2.9581	2.9156	2.8481	2.7615	2.6658	2.5764	2.5124	2.4892
	RHO	5.5606	5.5288	5.4430	5.3307	5.2298	5.1752	5.1759	5.2043	5.2199
	P	2.6355	2.5949	2.4816	2.3192	2.1391	1.9725	1.8427	1.7619	1.7347
	U	3.1139	3.1733	3.3440	3.6045	3.9201	4.2454	4.5282	4.7201	4.7878
	V	-0.4120	-0.4106	-0.4067	-0.4004	-0.3919	-0.3812	-0.3687	-0.3577	-0.3531
	W	0.0	0.2823	0.5256	0.6955	0.7666	0.7244	0.5675	0.3126	0.0000
0.300	A	2.9710	2.9557	2.9112	2.8412	2.7529	2.6573	2.5705	2.5098	2.4881
	RHO	5.5450	5.5172	5.4421	5.3428	5.2515	5.1568	5.1863	5.1995	5.2080
	P	2.6251	2.5852	2.4738	2.3133	2.1345	1.9682	1.8380	1.7566	1.7292
	U	3.1053	3.1658	3.3395	3.6033	3.9210	4.2460	4.5265	4.7159	4.7826
	V	-0.5368	-0.5351	-0.5302	-0.5223	-0.5114	-0.4970	-0.4802	-0.4655	-0.4595
	W	0.0	0.2999	0.5587	0.7401	0.8167	0.7722	0.6045	0.3325	0.0000
0.400	A	2.9688	2.9530	2.9070	2.8353	2.7458	2.6506	2.5658	2.5073	2.4866
	RHO	5.5246	5.5003	5.4343	5.3460	5.2623	5.2071	5.1876	5.1894	5.1928
	P	2.6116	2.5725	2.4631	2.3050	2.1279	1.9622	1.8316	1.7498	1.7221
	U	3.0950	3.1563	3.3320	3.5982	3.9175	4.2424	4.5218	4.7099	4.7761
	V	-0.6560	-0.6540	-0.6482	-0.6388	-0.6256	-0.6078	-0.5870	-0.5688	-0.5615
	W	0.0	0.3149	0.5869	0.7777	0.8583	0.8110	0.6339	0.3481	0.0000
0.500	A	2.9662	2.9499	2.9029	2.8298	2.7395	2.6448	2.5615	2.5049	2.4849
	RHO	5.5000	5.4789	5.4212	5.3426	5.2654	5.2058	5.1827	5.1754	5.1748
	P	2.5954	2.5572	2.4501	2.2947	2.1195	1.9546	1.8239	1.7417	1.7138
	U	3.0832	3.1451	3.3223	3.5902	3.9107	4.2361	4.5151	4.7027	4.7687
	V	-0.7701	-0.7679	-0.7612	-0.7504	-0.7349	-0.7140	-0.6895	-0.6682	-0.6597
	W	0.0	0.3281	0.6115	0.8102	0.8937	0.8434	0.6581	0.3608	0.0000
0.600	A	2.9631	2.9466	2.8986	2.8246	2.7338	2.6395	2.5576	2.5023	2.4829
	RHO	5.4719	5.4537	5.4036	5.3340	5.2628	5.2066	5.1732	5.1582	5.1543
	P	2.5768	2.5396	2.4350	2.2824	2.1095	1.9456	1.8149	1.7323	1.7043
	U	3.0702	3.1325	3.3108	3.5800	3.9017	4.2276	4.5068	4.6944	4.7604
	V	-0.8796	-0.8771	-0.8696	-0.8573	-0.8397	-0.8159	-0.7881	-0.7641	-0.7544
	W	0.0	0.3399	0.6332	0.8387	0.9243	0.8710	0.6783	0.3714	0.0000
0.700	A	2.9597	2.9429	2.8942	2.8194	2.7283	2.6345	2.5537	2.4996	2.4807
	RHO	5.4407	5.4253	5.3822	5.3210	5.2553	5.1985	5.1598	5.1383	5.1315
	P	2.5562	2.5200	2.4180	2.2686	2.0981	1.9354	1.8048	1.7219	1.6937
	U	3.0561	3.1187	3.2978	3.5681	3.8907	4.2174	4.4972	4.6851	4.7512
	V	-0.9848	-0.9820	-0.9737	-0.9600	-0.9403	-0.9139	-0.8830	-0.8567	-0.8461
	W	0.0	0.3504	0.6527	0.8639	0.9511	0.8948	0.6956	0.3802	0.0000
0.800	A	2.9560	2.9389	2.8896	2.8143	2.7230	2.6257	2.5500	2.4969	2.4783
	RHO	5.4066	5.3938	5.3576	5.3043	5.2439	5.1874	5.1433	5.1159	5.1066
	P	2.5339	2.4987	2.3994	2.2532	2.0854	1.9240	1.7937	1.7106	1.6822
	U	3.0411	3.1039	3.2836	3.5548	3.8783	4.2060	4.4865	4.6750	4.7413
	V	-1.0862	-1.0831	-1.0739	-1.0588	-1.0371	-1.0082	-0.9748	-0.9464	-0.9350
	W	0.0	0.3600	0.6702	0.8865	0.9748	0.9156	0.7105	0.3878	0.0000
0.900	A	2.9520	2.9347	2.8850	2.8092	2.7178	2.6251	2.5462	2.4939	2.4757
	RHO	5.3700	5.3597	5.3298	5.2842	5.2289	5.1724	5.1240	5.0914	5.0798
	P	2.5099	2.4758	2.3793	2.2365	2.0715	1.9117	1.7818	1.6984	1.6699
	U	3.0254	3.0884	3.2685	3.5403	3.8648	4.1934	4.4749	4.6642	4.7308
	V	-1.1841	-1.1807	-1.1706	-1.1540	-1.1304	-1.0992	-1.0635	-1.0334	-1.0214
	W	0.0	0.3687	0.6861	0.9068	0.9958	0.9338	0.7234	0.3944	0.0000
1.000	A	2.9477	2.9303	2.8801	2.8040	2.7127	2.6205	2.5425	2.4909	2.4729
	RHO	5.3311	5.3231	5.2994	5.2610	5.2107	5.1545	5.1021	5.0647	5.0512
	P	2.4844	2.4515	2.3578	2.2186	2.0566	1.8985	1.7689	1.6854	1.6567
THS/THC		1.2056	1.2042	1.1999	1.1928	1.1830	1.1716	1.1606	1.1526	1.1496

M= 8.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.8520

XI	PHI	0.0
	U	4.6378
	V	-0.0000
	W	0.0
-0.000	A	3.0819
	RHO	5.5895
	P	2.1801
	U	4.6377
	V	-0.0371
	W	0.0
0.025	A	3.0819
	RHO	5.5893
	P	2.1800
	U	4.6375
	V	-0.0738
	W	0.0
0.050	A	3.0818
	RHO	5.5887
	P	2.1796
	U	4.6366
	V	-0.1458
	W	0.0
0.100	A	3.0816
	RHO	5.5864
	P	2.1784
	U	4.6333
	V	-0.2850
	W	0.0
0.200	A	3.0806
	RHO	5.5777
	P	2.1737
	U	4.6281
	V	-0.4182
	W	0.0
0.300	A	3.0791
	RHO	5.5643
	P	2.1664
	U	4.6213
	V	-0.5459
	W	0.0
0.400	A	3.0772
	RHO	5.5469
	P	2.1569
	U	4.6129
	V	-0.6688
	W	0.0
0.500	A	3.0749
	RHO	5.5258
	P	2.1454
	U	4.6032
	V	-0.7871
	W	0.0
0.600	A	3.0722
	RHO	5.5016
	P	2.1323
	U	4.5923
	V	-0.9013
	W	0.0
0.700	A	3.0691
	RHO	5.4745
	P	2.1176
	U	4.5804
	V	-1.0118
	W	0.0
0.800	A	3.0658
	RHO	5.4449
	P	2.1015
	U	4.5676
	V	-1.1189
	W	0.0
0.900	A	3.0622
	RHO	5.4128
	P	2.0842
	U	4.5540
	V	-1.2229
	W	0.0
1.000	A	3.0583
	RHO	5.3784
	P	2.0657

THS/THC 1.1643

M= 8.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 5.8520

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	4.5746	4.5762	4.5807	4.5875	4.5954	4.6034	4.6102	4.6147	4.6163
	V	0.0000	-0.0000	-0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0108	0.0200	0.0261	0.0282	0.0261	0.0199	0.0108	0.0000
	A	3.1007	3.1003	3.0989	3.0969	3.0946	3.0922	3.0902	3.0888	3.0884
	RHO	5.5989	5.5947	5.5826	5.5645	5.5433	5.5221	5.5042	5.4923	5.4881
	P	2.2105	2.2082	2.2015	2.1915	2.1798	2.1682	2.1584	2.1518	2.1495
0.025	U	4.5745	4.5792	4.5926	4.6128	4.6368	4.6605	4.6815	4.6954	4.7003
	V	-0.0373	-0.0373	-0.0373	-0.0372	-0.0371	-0.0371	-0.0370	-0.0370	-0.0370
	W	0.0	0.0143	0.0264	0.0344	0.0372	0.0344	0.0263	0.0142	0.0000
	A	3.1007	3.0993	3.0953	3.0893	3.0821	3.0748	3.0686	3.0644	3.0629
	RHO	5.5987	5.5978	5.5952	5.5916	5.5878	5.5843	5.5817	5.5801	5.5796
	P	2.2104	2.2081	2.2014	2.1914	2.1797	2.1681	2.1583	2.1517	2.1494
0.050	U	4.5743	4.5790	4.5925	4.6127	4.6367	4.6608	4.6814	4.6952	4.7000
	V	-0.0742	-0.0742	-0.0741	-0.0739	-0.0738	-0.0737	-0.0736	-0.0735	-0.0735
	W	0.0	0.0157	0.0290	0.0379	0.0410	0.0379	0.0290	0.0157	0.0000
	A	3.1006	3.0993	3.0952	3.0892	3.0820	3.0747	3.0685	3.0643	3.0628
	RHO	5.5981	5.5972	5.5947	5.5912	5.5874	5.5839	5.5812	5.5796	5.5790
	P	2.2101	2.2077	2.2011	2.1911	2.1794	2.1677	2.1579	2.1514	2.1491
0.100	U	4.5734	4.5782	4.5917	4.6120	4.6360	4.6601	4.6806	4.6943	4.6992
	V	-0.1466	-0.1465	-0.1464	-0.1461	-0.1458	-0.1456	-0.1453	-0.1452	-0.1452
	W	0.0	0.0177	0.0327	0.0427	0.0463	0.0428	0.0328	0.0177	0.0000
	A	3.1004	3.0990	3.0950	3.0889	3.0817	3.0744	3.0682	3.0640	3.0626
	RHO	5.5958	5.5949	5.5925	5.5891	5.5853	5.5817	5.5790	5.5773	5.5767
	P	2.2088	2.2065	2.1998	2.1898	2.1781	2.1665	2.1567	2.1502	2.1479
0.200	U	4.5701	4.5748	4.5884	4.6087	4.6328	4.6569	4.6774	4.6911	4.6960
	V	-0.2866	-0.2864	-0.2861	-0.2856	-0.2850	-0.2845	-0.2840	-0.2837	-0.2835
	W	0.0	0.0203	0.0376	0.0492	0.0533	0.0493	0.0378	0.0205	0.0000
	A	3.0994	3.0980	3.0940	3.0879	3.0807	3.0734	3.0672	3.0631	3.0616
	RHO	5.5871	5.5863	5.5839	5.5806	5.5769	5.5733	5.5705	5.5687	5.5681
	P	2.2040	2.2016	2.1950	2.1851	2.1734	2.1618	2.1520	2.1455	2.1432
0.300	U	4.5648	4.5656	4.5832	4.6036	4.6277	4.6518	4.6723	4.6860	4.6908
	V	-0.4204	-0.4203	-0.4198	-0.4191	-0.4182	-0.4174	-0.4166	-0.4161	-0.4160
	W	0.0	0.0222	0.0411	0.0538	0.0583	0.0539	0.0413	0.0224	0.0000
	A	3.0979	3.0965	3.0925	3.0864	3.0792	3.0719	3.0658	3.0616	3.0602
	RHO	5.5736	5.5728	5.5706	5.5673	5.5636	5.5601	5.5573	5.5555	5.5549
	P	2.1965	2.1942	2.1876	2.1777	2.1661	2.1546	2.1449	2.1384	2.1361
0.400	U	4.5578	4.5626	4.5762	4.5967	4.6208	4.6450	4.6655	4.6793	4.6841
	V	-0.5489	-0.5487	-0.5481	-0.5471	-0.5460	-0.5449	-0.5439	-0.5432	-0.5430
	W	0.0	0.0237	0.0438	0.0573	0.0622	0.0575	0.0441	0.0239	0.0000
	A	3.0960	3.0945	3.0905	3.0844	3.0772	3.0700	3.0638	3.0597	3.0583
	RHO	5.5560	5.5552	5.5530	5.5499	5.5463	5.5429	5.5400	5.5382	5.5375
	P	2.1868	2.1845	2.1779	2.1681	2.1566	2.1452	2.1355	2.1291	2.1268
0.500	U	4.5493	4.5541	4.5678	4.5883	4.6125	4.6367	4.6573	4.6710	4.6759
	V	-0.6724	-0.6722	-0.6714	-0.6702	-0.6688	-0.6674	-0.6662	-0.6654	-0.6651
	W	0.0	0.0249	0.0461	0.0603	0.0654	0.0605	0.0464	0.0251	0.0000
	A	3.0936	3.0922	3.0881	3.0820	3.0748	3.0676	3.0615	3.0574	3.0559
	RHO	5.5347	5.5340	5.5319	5.5289	5.5254	5.5220	5.5192	5.5173	5.5167
	P	2.1751	2.1728	2.1663	2.1566	2.1452	2.1338	2.1242	2.1178	2.1156
0.600	U	4.5395	4.5443	4.5580	4.5785	4.6028	4.6271	4.6477	4.6615	4.6663
	V	-0.7914	-0.7911	-0.7902	-0.7888	-0.7872	-0.7855	-0.7841	-0.7831	-0.7827
	W	0.0	0.0260	0.0480	0.0628	0.0681	0.0630	0.0483	0.0261	0.0000
	A	3.0909	3.0894	3.0854	3.0793	3.0721	3.0649	3.0588	3.0547	3.0533
	RHO	5.5103	5.5096	5.5076	5.5047	5.5013	5.4979	5.4952	5.4934	5.4927
	P	2.1617	2.1594	2.1530	2.1434	2.1321	2.1208	2.1113	2.1050	2.1027
0.700	U	4.5284	4.5333	4.5470	4.5676	4.5920	4.6163	4.6369	4.6508	4.6556
	V	-0.9062	-0.9059	-0.9049	-0.9033	-0.9014	-0.8995	-0.8979	-0.8967	-0.8964
	W	0.0	0.0269	0.0497	0.0650	0.0704	0.0651	0.0499	0.0270	0.0000
	A	3.0878	3.0864	3.0823	3.0763	3.0691	3.0619	3.0558	3.0517	3.0503
	RHO	5.4829	5.4823	5.4804	5.4776	5.4743	5.4710	5.4683	5.4666	5.4659
	P	2.1467	2.1444	2.1381	2.1286	2.1174	2.1063	2.0969	2.0906	2.0884
0.800	U	4.5164	4.5212	4.5350	4.5557	4.5801	4.6045	4.6252	4.6390	4.6439
	V	-1.0173	-1.0169	-1.0157	-1.0140	-1.0119	-1.0098	-1.0079	-1.0067	-1.0063
	W	0.0	0.0276	0.0511	0.0669	0.0724	0.0670	0.0513	0.0278	0.0000
	A	3.0844	3.0830	3.0789	3.0729	3.0657	3.0586	3.0525	3.0484	3.0470
	RHO	5.4529	5.4523	5.4505	5.4478	5.4447	5.4416	5.4389	5.4372	5.4366
	P	2.1303	2.1281	2.1218	2.1124	2.1014	2.0904	2.0811	2.0749	2.0727
0.900	U	4.5034	4.5082	4.5221	4.5428	4.5673	4.5917	4.6125	4.6264	4.6313
	V	-1.1249	-1.1245	-1.1232	-1.1213	-1.1190	-1.1167	-1.1147	-1.1133	-1.1129
	W	0.0	0.0283	0.0524	0.0685	0.0742	0.0687	0.0526	0.0285	0.0000
	A	3.0807	3.0793	3.0753	3.0692	3.0621	3.0550	3.0489	3.0449	3.0434
	RHO	5.4205	5.4199	5.4182	5.4157	5.4127	5.4096	5.4071	5.4054	5.4048
	P	2.1126	2.1104	2.1042	2.0949	2.0841	2.0732	2.0640	2.0579	2.0557
1.000	U	4.4895	4.4944	4.5083	4.5291	4.5536	4.5782	4.5990	4.6130	4.6179
	V	-1.2294	-1.2289	-1.2276	-1.2255	-1.2230	-1.2205	-1.2183	-1.2168	-1.2163
	W	0.0	0.0290	0.0535	0.0700	0.0758	0.0701	0.0537	0.0291	0.0000
	A	3.0768	3.0754	3.0713	3.0653	3.0582	3.0511	3.0451	3.0410	3.0396
	RHO	5.3858	5.3852	5.3836	5.3812	5.3784	5.3755	5.3730	5.3713	5.3707
	P	2.0936	2.0915	2.0854	2.0763	2.0656	2.0549	2.0458	2.0398	2.0376
THS/THC		1.1660	1.1659	1.1655	1.1650	1.1643	1.1636	1.1630	1.1626	1.1625

M= 8.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 5.8520

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.3150	4.3235	4.3478	4.3840	4.4268	4.4655	4.5056	4.5257	4.5382
	V	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
	W	0.0	0.0579	0.1070	0.1399	0.1514	0.1357	0.1067	0.0576	0.0000
0.0	A	3.1743	3.1719	3.1650	3.1547	3.1426	3.1306	3.1205	3.1138	3.1114
	RHO	5.6349	5.6134	5.5528	5.4633	5.3595	5.2579	5.1735	5.1179	5.0986
	P	2.3315	2.3191	2.2841	2.2327	2.1736	2.1161	2.0667	2.0377	2.0269
	U	4.3149	4.3368	4.4000	4.4967	4.6146	4.7368	4.8441	4.9177	4.9439
	V	-0.0381	-0.0380	-0.0378	-0.0375	-0.0372	-0.0369	-0.0365	-0.0363	-0.0362
	W	0.0	0.0724	0.1335	0.1735	0.1867	0.1713	0.1303	0.0702	0.0000
0.025	A	3.1743	3.1681	3.1503	3.1224	3.0877	3.0506	3.0172	2.9937	2.9852
	RHO	5.6347	5.6264	5.6046	5.5766	5.5518	5.5311	5.5337	5.5366	5.5387
	P	2.3314	2.3190	2.2840	2.2326	2.1735	2.1160	2.0686	2.0376	2.0268
	U	4.3147	4.3370	4.4013	4.4992	4.6177	4.7356	4.8457	4.9180	4.9437
	V	-0.0756	-0.0755	-0.0751	-0.0746	-0.0740	-0.0733	-0.0727	-0.0722	-0.0721
	W	0.0	0.0789	0.1456	0.1901	0.2054	0.1855	0.1449	0.0784	0.0000
0.050	A	3.1742	3.1679	3.1497	3.1214	3.0864	3.0494	3.0164	2.9934	2.9851
	RHO	5.6341	5.6264	5.6059	5.5796	5.5557	5.5407	5.5358	5.5369	5.5381
	P	2.3310	2.3186	2.2837	2.2323	2.1732	2.1157	2.0683	2.0373	2.0265
	U	4.3138	4.3365	4.4019	4.5010	4.6201	4.7417	4.8466	4.9178	4.9429
	V	-0.1496	-0.1493	-0.1486	-0.1475	-0.1462	-0.1448	-0.1435	-0.1426	-0.1423
	W	0.0	0.0880	0.1628	0.2131	0.2312	0.2143	0.1645	0.0893	0.0000
0.100	A	3.1739	3.1675	3.1488	3.1200	3.0848	3.0479	3.0154	2.9929	2.9849
	RHO	5.6317	5.6247	5.6059	5.5814	5.5586	5.5432	5.5365	5.5355	5.5359
	P	2.3297	2.3173	2.2824	2.2311	2.1721	2.1146	2.0672	2.0361	2.0253
	U	4.3102	4.3334	4.3999	4.5002	4.6200	4.7412	4.8452	4.9152	4.9399
	V	-0.2926	-0.2921	-0.2907	-0.2885	-0.2858	-0.2829	-0.2802	-0.2783	-0.2776
	W	0.0	0.1006	0.1864	0.2446	0.2663	0.2476	0.1906	0.1036	0.0000
0.200	A	3.1729	3.1663	3.1471	3.1178	3.0823	3.0456	3.0136	2.9917	2.9840
	RHO	5.6227	5.6165	5.5998	5.5776	5.5562	5.5403	5.5315	5.5282	5.5275
	P	2.3245	2.3122	2.2775	2.2265	2.1676	2.1103	2.0629	2.0319	2.0211
	U	4.3045	4.3280	4.3951	4.4962	4.6163	4.7375	4.8411	4.9106	4.9351
	V	-0.4295	-0.4288	-0.4268	-0.4235	-0.4195	-0.4150	-0.4110	-0.4080	-0.4070
	W	0.0	0.1098	0.2035	0.2672	0.2911	0.2708	0.2086	0.1134	0.0000
0.300	A	3.1713	3.1646	3.1451	3.1156	3.0799	3.0434	3.0117	2.9902	2.9826
	RHO	5.6087	5.6031	5.5879	5.5674	5.5470	5.5308	5.5208	5.5160	5.5147
	P	2.3164	2.3042	2.2698	2.2192	2.1607	2.1036	2.0563	2.0259	2.0145
	U	4.2970	4.3207	4.3882	4.4858	4.6103	4.7316	4.8350	4.9044	4.9288
	V	-0.5609	-0.5599	-0.5572	-0.5530	-0.5476	-0.5418	-0.5363	-0.5325	-0.5310
	W	0.0	0.1170	0.2170	0.2851	0.3106	0.2890	0.2225	0.1210	0.0000
0.400	A	3.1693	3.1624	3.1428	3.1130	3.0773	3.0409	3.0095	2.9883	2.9808
	RHO	5.5904	5.5853	5.5714	5.5524	5.5328	5.5166	5.5056	5.4998	5.4980
	P	2.3058	2.2938	2.2597	2.2096	2.1515	2.0947	2.0477	2.0167	2.0060
	U	4.2879	4.3117	4.3796	4.4816	4.6025	4.7239	4.8274	4.8966	4.9210
	V	-0.6871	-0.6859	-0.6826	-0.6774	-0.6708	-0.6635	-0.6569	-0.6521	-0.6503
	W	0.0	0.1231	0.2283	0.2998	0.3266	0.3038	0.2339	0.1271	0.0000
0.500	A	3.1668	3.1599	3.1401	3.1102	3.0744	3.0381	3.0070	2.9860	2.9786
	RHO	5.5684	5.5637	5.5510	5.5333	5.5146	5.4984	5.4868	5.4801	5.4780
	P	2.2931	2.2812	2.2476	2.1979	2.1404	2.0841	2.0373	2.0065	1.9958
	U	4.2774	4.3013	4.3695	4.4719	4.5931	4.7148	4.8184	4.8877	4.9121
	V	-0.8085	-0.8072	-0.8033	-0.7972	-0.7894	-0.7809	-0.7730	-0.7673	-0.7653
	W	0.0	0.1283	0.2379	0.3124	0.3402	0.3163	0.2434	0.1322	0.0000
0.600	A	3.1639	3.1569	3.1370	3.1071	3.0713	3.0351	3.0042	2.9834	2.9761
	RHO	5.5429	5.5387	5.5271	5.5107	5.4928	5.4768	5.4647	5.4574	5.4550
	P	2.2784	2.2667	2.2336	2.1846	2.1277	2.0718	2.0253	1.9947	1.9840
	U	4.2657	4.2897	4.3581	4.4608	4.5824	4.7044	4.8081	4.8776	4.9020
	V	-0.9257	-0.9242	-0.9198	-0.9127	-0.9039	-0.8941	-0.8851	-0.8787	-0.8763
	W	0.0	0.1329	0.2463	0.3233	0.3519	0.3270	0.2516	0.1366	0.0000
0.700	A	3.1606	3.1536	3.1337	3.1037	3.0679	3.0319	3.0012	2.9805	2.9733
	RHO	5.5145	5.5107	5.5001	5.4849	5.4680	5.4522	5.4398	5.4319	5.4293
	P	2.2621	2.2506	2.2179	2.1696	2.1134	2.0581	2.0120	1.9816	1.9710
	U	4.2528	4.2769	4.3456	4.4486	4.5705	4.6929	4.7969	4.8665	4.8910
	V	-1.0389	-1.0372	-1.0323	-1.0244	-1.0145	-1.0036	-0.9936	-0.9865	-0.9839
	W	0.0	0.1369	0.2536	0.3328	0.3622	0.3364	0.2586	0.1404	0.0000
0.800	A	3.1570	3.1500	3.1300	3.1000	3.0643	3.0284	2.9979	2.9774	2.9702
	RHO	5.4833	5.4799	5.4704	5.4564	5.4404	5.4249	5.4122	5.4040	5.4011
	P	2.2442	2.2329	2.2008	2.1532	2.0977	2.0431	1.9974	1.9672	1.9567
	U	4.2391	4.2632	4.3321	4.4354	4.5577	4.6804	4.7847	4.8545	4.8791
	V	-1.1486	-1.1467	-1.1412	-1.1326	-1.1217	-1.1097	-1.0988	-1.0910	-1.0882
	W	0.0	0.1404	0.2602	0.3413	0.3712	0.3446	0.2648	0.1437	0.0000
0.900	A	3.1531	3.1461	3.1261	3.0961	3.0604	3.0247	2.9943	2.9740	2.9668
	RHO	5.4496	5.4456	5.4381	5.4253	5.4102	5.3951	5.3822	5.3737	5.3707
	P	2.2249	2.2138	2.1823	2.1355	2.0808	2.0268	1.9816	1.9517	1.9412
	U	4.2244	4.2486	4.3177	4.4214	4.5440	4.6670	4.7717	4.8417	4.8664
	V	-1.2549	-1.2529	-1.2469	-1.2375	-1.2257	-1.2128	-1.2010	-1.1926	-1.1895
	W	0.0	0.1436	0.2660	0.3488	0.3792	0.3515	0.2703	0.1466	0.0000
1.000	A	3.1489	3.1419	3.1219	3.0919	3.0563	3.0207	2.9905	2.9703	2.9632
	RHO	5.4135	5.4109	5.4034	5.3918	5.3776	5.3629	5.3500	5.3412	5.3380
	P	2.2043	2.1934	2.1625	2.1166	2.0628	2.0055	1.9647	1.9351	1.9247
THS/THC		1.1737	1.1731	1.1714	1.1687	1.1654	1.1619	1.1588	1.1567	1.1560

M= 8.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 5.8520

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.9744	3.9928	4.0452	4.1240	4.2174	4.3108	4.3858	4.4423	4.4606
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
	W	0.0	0.1252	0.2322	0.3048	0.3310	0.3056	0.2328	0.1252	0.0000
0.0	A	3.2620	3.2571	3.2429	3.2218	3.1970	3.1725	3.1520	3.1385	3.1338
	RHO	5.6761	5.6329	5.5116	5.3344	5.1323	4.9385	4.7811	4.6795	4.6446
	P	2.4802	2.4538	2.3802	2.2737	2.1541	2.0411	1.9505	1.8928	1.8730
	U	3.9743	4.0145	4.1314	4.3140	4.5435	4.7911	5.0171	5.1767	5.2344
	V	-0.0391	-0.0390	-0.0386	-0.0381	-0.0375	-0.0368	-0.0361	-0.0356	-0.0354
	W	0.0	0.1478	0.2719	0.3525	0.3770	0.3432	0.2591	0.1390	0.0000
0.025	A	3.2620	3.2515	3.2204	3.1706	3.1053	3.0307	2.9584	2.9045	2.8844
	RHO	5.6758	5.6521	5.5887	5.5080	5.4401	5.4112	5.4271	5.4636	5.4820
	P	2.4801	2.4537	2.3801	2.2737	2.1541	2.0411	1.9505	1.8927	1.8729
	U	3.9740	4.0158	4.1367	4.3243	4.5568	4.8035	5.0248	5.1789	5.2342
	V	-0.0776	-0.0774	-0.0767	-0.0757	-0.0744	-0.0731	-0.0718	-0.0708	-0.0704
	W	0.0	0.1590	0.2934	0.3823	0.4123	0.3755	0.2899	0.1565	0.0000
0.050	A	3.2619	3.2509	3.2185	3.1670	3.1003	3.0258	2.9551	2.9034	2.8844
	RHO	5.6752	5.6532	5.5947	5.5202	5.4572	5.4286	5.4388	5.4669	5.4814
	P	2.4797	2.4534	2.3799	2.2736	2.1540	2.0409	1.9503	1.8924	1.8726
	U	3.9730	4.0164	4.1416	4.3340	4.5695	4.8151	5.0316	5.1805	5.2335
	V	-0.1535	-0.1531	-0.1518	-0.1498	-0.1472	-0.1445	-0.1417	-0.1397	-0.1389
	W	0.0	0.1753	0.3244	0.4251	0.4622	0.4255	0.3312	0.1804	0.0000
0.100	A	3.2616	3.2501	3.2162	3.1627	3.0947	3.0203	2.9514	2.9021	2.8841
	RHO	5.6727	5.6525	5.6002	5.5329	5.4751	5.4463	5.4499	5.4690	5.4792
	P	2.4782	2.4520	2.3787	2.2726	2.1532	2.0401	1.9494	1.8914	1.8716
	U	3.9690	4.0141	4.1436	4.3408	4.5790	4.8235	5.0356	5.1797	5.2307
	V	-0.3005	-0.2997	-0.2972	-0.2933	-0.2883	-0.2825	-0.2767	-0.2721	-0.2704
	W	0.0	0.1987	0.3688	0.4856	0.5311	0.4865	0.3813	0.2105	0.0000
0.200	A	3.2606	3.2483	3.2127	3.1571	3.0876	3.0135	2.9468	2.9001	2.8833
	RHO	5.6633	5.6463	5.6010	5.5426	5.4909	5.4614	5.4569	5.4657	5.4711
	P	2.4724	2.4465	2.3739	2.2685	2.1496	2.0367	1.9458	1.8877	1.8677
	U	3.9628	4.0088	4.1406	4.3404	4.5801	4.8242	5.0343	5.1762	5.2263
	V	-0.4412	-0.4400	-0.4365	-0.4308	-0.4234	-0.4145	-0.4056	-0.3985	-0.3959
	W	0.0	0.2162	0.4017	0.5297	0.5805	0.5441	0.4222	0.2308	0.0000
0.300	A	3.2589	3.2462	3.2095	3.1526	3.0824	3.0086	2.9432	2.8981	2.8820
	RHO	5.6487	5.6338	5.5939	5.5418	5.4941	5.4640	5.4541	5.4562	5.4588
	P	2.4635	2.4379	2.3661	2.2618	2.1436	2.0310	1.9401	1.8819	1.8619
	U	3.9546	4.0012	4.1346	4.3361	4.5769	4.8208	5.0300	5.1708	5.2204
	V	-0.5760	-0.5745	-0.5699	-0.5626	-0.5528	-0.5410	-0.5290	-0.5197	-0.5161
	W	0.0	0.2304	0.4282	0.5651	0.6196	0.5808	0.4505	0.2462	0.0000
0.400	A	3.2567	3.2437	3.2062	3.1484	3.0778	3.0043	2.9359	2.8959	2.8803
	RHO	5.6295	5.6164	5.5811	5.5343	5.4900	5.4593	5.4453	5.4426	5.4429
	P	2.4518	2.4266	2.3558	2.2527	2.1355	2.0234	1.9327	1.8743	1.8543
	U	3.9447	3.9917	4.1262	4.3290	4.5707	4.8148	5.0236	5.1639	5.2133
	V	-0.7054	-0.7035	-0.6980	-0.6891	-0.6770	-0.6625	-0.6477	-0.6361	-0.6317
	W	0.0	0.2424	0.4506	0.5946	0.6519	0.6107	0.4734	0.2584	0.0000
0.500	A	3.2540	3.2408	3.2026	3.1442	3.0733	3.0002	2.9367	2.8935	2.8783
	RHO	5.6064	5.5949	5.5636	5.5216	5.4803	5.4492	5.4320	5.4252	5.4239
	P	2.4377	2.4129	2.3433	2.2416	2.1255	2.0142	1.9236	1.8653	1.8452
	U	3.9332	3.9806	4.1159	4.3197	4.5622	4.8068	5.0155	5.1557	5.2049
	V	-0.8298	-0.8276	-0.8212	-0.8107	-0.7965	-0.7794	-0.7619	-0.7483	-0.7432
	W	0.0	0.2528	0.4699	0.6199	0.6793	0.6359	0.4924	0.2686	0.0000
0.600	A	3.2509	3.2375	3.1989	3.1400	3.0689	2.9961	2.9333	2.8909	2.8760
	RHO	5.5797	5.5697	5.5423	5.5046	5.4661	5.4349	5.4149	5.4049	5.4021
	P	2.4214	2.3972	2.3289	2.2287	2.1140	2.0034	1.9132	1.8549	1.8348
	U	3.9205	3.9681	4.1041	4.3087	4.5519	4.7970	5.0060	5.1463	5.1956
	V	-0.9496	-0.9471	-0.9398	-0.9278	-0.9116	-0.8921	-0.8721	-0.8567	-0.8509
	W	0.0	0.2620	0.4869	0.6420	0.7030	0.6574	0.5085	0.2772	0.0000
0.700	A	3.2474	3.2338	3.1949	3.1357	3.0645	2.9920	2.9299	2.8881	2.8734
	RHO	5.5499	5.5413	5.5174	5.4839	5.4480	5.4169	5.3946	5.3819	5.3778
	P	2.4033	2.3796	2.3126	2.2141	2.1009	1.9913	1.9016	1.8434	1.8233
	U	3.9066	3.9544	4.0909	4.2963	4.5402	4.7859	4.9954	5.1359	5.1853
	V	-1.0653	-1.0625	-1.0543	-1.0408	-1.0226	-1.0009	-0.9788	-0.9617	-0.9552
	W	0.0	0.2702	0.5019	0.6615	0.7237	0.6761	0.5224	0.2845	0.0000
0.800	A	3.2436	3.2299	3.1906	3.1312	3.0600	2.9878	2.9263	2.8850	2.8705
	RHO	5.5172	5.5099	5.4895	5.4599	5.4267	5.3957	5.3715	5.3563	5.3512
	P	2.3836	2.3604	2.2948	2.1981	2.0865	1.9780	1.8888	1.8307	1.8107
	U	3.8917	3.9357	4.0766	4.2826	4.5273	4.7737	4.9838	5.1247	5.1742
	V	-1.1771	-1.1740	-1.1649	-1.1501	-1.1300	-1.1062	-1.0820	-1.0635	-1.0565
	W	0.0	0.2775	0.5154	0.6789	0.7421	0.6925	0.5345	0.2909	0.0000
0.900	A	3.2394	3.2256	3.1862	3.1265	3.0554	2.9836	2.9225	2.8817	2.8674
	RHO	5.4819	5.4759	5.4588	5.4330	5.4023	5.3717	5.3458	5.3285	5.3224
	P	2.3622	2.3396	2.2756	2.1808	2.0709	1.9636	1.8749	1.8171	1.7970
	U	3.8760	3.9241	4.0614	4.2680	4.5133	4.7604	4.9712	5.1127	5.1624
	V	-1.2855	-1.2821	-1.2721	-1.2559	-1.2340	-1.2082	-1.1823	-1.1624	-1.1549
	W	0.0	0.2841	0.5276	0.6944	0.7584	0.7070	0.5451	0.2964	0.0000
1.000	A	3.2349	3.2211	3.1815	3.1217	3.0506	2.9752	2.9186	2.8783	2.8641
	RHO	5.4442	5.4394	5.4254	5.4033	5.3753	5.3451	5.3177	5.2985	5.2916
	P	2.3395	2.3175	2.2550	2.1622	2.0542	1.9481	1.8601	1.8025	1.7825
THS/THC		1.1846	1.1836	1.1804	1.1754	1.1689	1.1617	1.1551	1.1504	1.1487

M= 8.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 5.8520

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.6133	3.6429	3.7275	3.8554	4.0079	4.1617	4.2918	4.3778	4.4075
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.2016	0.3754	0.4962	0.5428	0.5036	0.3828	0.2042	0.0000
0.0	A	3.3450	3.3373	3.3156	3.2830	3.2447	3.2071	3.1760	3.1557	3.1488
	RHO	5.7138	5.6489	5.4670	5.2036	4.9075	4.6293	4.4091	4.2706	4.2235
	P	2.6252	2.5836	2.4679	2.3030	2.1217	1.9552	1.8263	1.7464	1.7196
	U	3.6132	3.6687	3.8310	4.0878	4.4190	4.7528	5.1516	5.4136	5.5095
	V	-0.0402	-0.0400	-0.0395	-0.0388	-0.0379	-0.0369	-0.0355	-0.0349	-0.0345
	W	0.0	0.2269	0.4178	0.5414	0.5764	0.5154	0.3878	0.2069	0.0000
0.025	A	3.3449	3.3313	3.2908	3.2247	3.1350	3.0254	2.9089	2.8159	2.7801
	RHO	5.7136	5.6693	5.5499	5.3938	5.2577	5.2025	5.2559	5.3634	5.4179
	P	2.6251	2.5835	2.4680	2.3032	2.1219	1.9554	1.8263	1.7464	1.7195
	U	3.6129	3.6715	3.8422	4.1100	4.4498	4.8234	5.1713	5.4196	5.5094
	V	-0.0799	-0.0795	-0.0785	-0.0770	-0.0751	-0.0732	-0.0713	-0.0695	-0.0688
	W	0.0	0.2411	0.4450	0.5796	0.6234	0.5715	0.4357	0.2363	0.0000
0.050	A	3.3449	3.3303	3.2873	3.2176	3.1243	3.0135	2.9004	2.8131	2.7800
	RHO	5.7129	5.6718	5.5613	5.4179	5.2940	5.2436	5.2865	5.3736	5.4173
	P	2.6247	2.5832	2.4678	2.3033	2.1220	1.9554	1.8262	1.7462	1.7192
	U	3.6118	3.6737	3.8534	4.1324	4.4802	4.8526	5.1895	5.4246	5.5087
	V	-0.1580	-0.1573	-0.1554	-0.1525	-0.1489	-0.1450	-0.1408	-0.1371	-0.1355
	W	0.0	0.2626	0.4862	0.6374	0.6931	0.6483	0.5000	0.2742	0.0000
0.100	A	3.3446	3.3289	3.2830	3.2091	3.1121	3.0006	2.8913	2.8100	2.7798
	RHO	5.7103	5.6733	5.5739	5.4454	5.3351	5.2882	5.3181	5.3829	5.4151
	P	2.6230	2.5817	2.4669	2.3029	2.1218	1.9551	1.8256	1.7453	1.7183
	U	3.6073	3.6729	3.8618	4.1519	4.5069	4.8775	5.2038	5.4270	5.5061
	V	-0.3090	-0.3079	-0.3045	-0.2992	-0.2923	-0.2841	-0.2748	-0.2666	-0.2632
	W	0.0	0.2947	0.5476	0.7224	0.7931	0.7468	0.5840	0.3217	0.0000
0.200	A	3.3434	3.3265	3.2770	3.1984	3.0975	2.9857	2.8811	2.8062	2.7790
	RHO	5.7004	5.6689	5.5844	5.4750	5.3800	5.3350	5.3480	5.3874	5.4073
	P	2.6166	2.5759	2.4625	2.2999	2.1197	1.9530	1.8230	1.7421	1.7148
	U	3.6005	3.6680	3.8620	4.1580	4.5166	4.8861	5.2073	5.4251	5.5020
	V	-0.4535	-0.4519	-0.4472	-0.4398	-0.4298	-0.4172	-0.4026	-0.3899	-0.3848
	W	0.0	0.3194	0.5945	0.7864	0.8664	0.8184	0.6409	0.3530	0.0000
0.300	A	3.3416	3.3238	3.2720	3.1906	3.0876	2.9760	2.8744	2.8033	2.7778
	RHO	5.6850	5.6577	5.5843	5.4887	5.4038	5.3588	5.3600	5.3831	5.3956
	P	2.6068	2.5667	2.4551	2.2944	2.1154	1.9489	1.8185	1.7371	1.7096
	U	3.5914	3.6602	3.8576	4.1574	4.5184	4.8874	5.2059	5.4209	5.4966
	V	-0.5916	-0.5896	-0.5838	-0.5744	-0.5615	-0.5446	-0.5250	-0.5080	-0.5011
	W	0.0	0.3400	0.6333	0.8387	0.9252	0.8744	0.6842	0.3763	0.0000
0.400	A	3.3392	3.3208	3.2673	3.1838	3.0794	2.9683	2.8650	2.8005	2.7762
	RHO	5.6649	5.6412	5.5774	5.4932	5.4164	5.3710	5.3625	5.3735	5.3804
	P	2.5938	2.5546	2.4450	2.2865	2.1091	1.9432	1.8125	1.7306	1.7029
	U	3.5805	3.6502	3.8499	4.1524	4.5151	4.8842	5.2013	5.4148	5.4899
	V	-0.7240	-0.7217	-0.7147	-0.7035	-0.6876	-0.6667	-0.6424	-0.6214	-0.6129
	W	0.0	0.3577	0.6665	0.8830	0.9741	0.9200	0.7189	0.3947	0.0000
0.500	A	3.3363	3.3174	3.2626	3.1775	3.0722	2.9616	2.8642	2.7978	2.7743
	RHO	5.6405	5.6202	5.5649	5.4911	5.4211	5.3752	5.3587	5.3598	5.3624
	P	2.5782	2.5399	2.4325	2.2766	2.1011	1.9360	1.8052	1.7228	1.6949
	U	3.5680	3.6383	3.8397	4.1442	4.5084	4.8778	5.1945	5.4073	5.4822
	V	-0.8510	-0.8483	-0.8403	-0.8272	-0.8086	-0.7838	-0.7552	-0.7306	-0.7208
	W	0.0	0.3733	0.6955	0.9213	1.0159	0.9583	0.7475	0.4098	0.0000
0.600	A	3.3330	3.3137	3.2578	3.1715	3.0656	2.9555	2.8597	2.7950	2.7722
	RHO	5.6125	5.5953	5.5480	5.4835	5.4198	5.3734	5.3500	5.3429	5.3419
	P	2.5603	2.5230	2.4179	2.2649	2.0916	1.9274	1.7966	1.7139	1.6858
	U	3.5541	3.6249	3.8276	4.1336	4.4990	4.8650	5.1859	5.3987	5.4735
	V	-0.9732	-0.9701	-0.9610	-0.9461	-0.9248	-0.8965	-0.8639	-0.8360	-0.8250
	W	0.0	0.3872	0.7212	0.9550	1.0521	0.9910	0.7716	0.4223	0.0000
0.700	A	3.3293	3.3096	3.2529	3.1656	3.0593	2.9468	2.8554	2.7920	2.7698
	RHO	5.5813	5.5669	5.5271	5.4714	5.4136	5.3668	5.3374	5.3231	5.3190
	P	2.5404	2.5040	2.4016	2.2515	2.0806	1.9176	1.7869	1.7040	1.6757
	U	3.5390	3.6102	3.8138	4.1210	4.4875	4.8564	5.1758	5.3890	5.4639
	V	-1.0909	-1.0874	-1.0773	-1.0605	-1.0366	-1.0051	-0.9688	-0.9381	-0.9259
	W	0.0	0.3997	0.7443	0.9850	1.0839	1.0194	0.7922	0.4329	0.0000
0.800	A	3.3252	3.3053	3.2478	3.1598	3.0533	2.9444	2.8511	2.7890	2.7672
	RHO	5.5471	5.5355	5.5028	5.4554	5.4031	5.3561	5.3214	5.3008	5.2940
	P	2.5186	2.4833	2.3835	2.2367	2.0684	1.9068	1.7763	1.6931	1.6647
	U	3.5229	3.5944	3.7986	4.1068	4.4744	4.8463	5.1646	5.3784	5.4536
	V	-1.2045	-1.2006	-1.1893	-1.1708	-1.1444	-1.1098	-1.0703	-1.0371	-1.0239
	W	0.0	0.4110	0.7651	1.0118	1.1122	1.0442	0.8100	0.4420	0.0000
0.900	A	3.3208	3.3006	3.2425	3.1540	3.0474	2.9391	2.8469	2.7857	2.7644
	RHO	5.5103	5.5013	5.4753	5.4359	5.3890	5.3420	5.3025	5.2763	5.2671
	P	2.4953	2.4610	2.3640	2.2206	2.0551	1.8949	1.7648	1.6814	1.6528
	U	3.5060	3.5776	3.7824	4.0913	4.4599	4.8330	5.1524	5.3670	5.4425
	V	-1.3144	-1.3101	-1.2977	-1.2773	-1.2485	-1.2110	-1.1687	-1.1333	-1.1193
	W	0.0	0.4213	0.7840	1.0360	1.1374	1.0661	0.8255	0.4499	0.0000
1.000	A	3.3160	3.2957	3.2371	3.1482	3.0416	2.9339	2.8427	2.7824	2.7614
	RHO	5.4710	5.4644	5.4450	5.4133	5.3716	5.3248	5.2810	5.2496	5.2382
	P	2.4704	2.4372	2.3430	2.2032	2.0406	1.8821	1.7524	1.6688	1.6402
THS/THC		1.1975	1.1961	1.1919	1.1848	1.1751	1.1639	1.1530	1.1451	1.1422

M=10.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 7.3358

XI	PHI	0.0
	U	5.8445
	V	0.0000
	W	0.0
-0.000	A	3.7641
	RHO	5.7941
	P	2.1575
	U	5.8444
	V	-0.0440
	W	0.0
0.025	A	3.7641
	RHO	5.7939
	P	2.1574
	U	5.8442
	V	-0.0875
	W	0.0
0.050	A	3.7640
	RHO	5.7933
	P	2.1571
	U	5.8432
	V	-0.1730
	W	0.0
0.100	A	3.7637
	RHO	5.7910
	P	2.1559
	U	5.8395
	V	-0.3386
	W	0.0
0.200	A	3.7626
	RHO	5.7825
	P	2.1515
	U	5.8337
	V	-0.4975
	W	0.0
0.300	A	3.7609
	RHO	5.7693
	P	2.1446
	U	5.8259
	V	-0.6502
	W	0.0
0.400	A	3.7586
	RHO	5.7520
	P	2.1356
	U	5.8165
	V	-0.7974
	W	0.0
0.500	A	3.7559
	RHO	5.7311
	P	2.1247
	U	5.8055
	V	-0.9395
	W	0.0
0.600	A	3.7527
	RHO	5.7069
	P	2.1122
	U	5.7931
	V	-1.0770
	W	0.0
0.700	A	3.7491
	RHO	5.6798
	P	2.0981
	U	5.7795
	V	-1.2102
	W	0.0
0.800	A	3.7452
	RHO	5.6500
	P	2.0828
	U	5.7649
	V	-1.3396
	W	0.0
0.900	A	3.7409
	RHO	5.6177
	P	2.0661
	U	5.7493
	V	-1.4655
	W	0.0
1.000	A	3.7363
	RHO	5.5830
	P	2.0483
RHS/THC		1.1559

M=10.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 7.3358

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.7660	5.7679	5.7733	5.7814	5.7910	5.8005	5.8066	5.8140	5.8159
	V	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.0129	0.0239	0.0313	0.0338	0.0312	0.0239	0.0129	0.0000
0.0	A	3.7882	3.7876	3.7860	3.7835	3.7806	3.7777	3.7752	3.7735	3.7729
	RHO	5.8013	5.7969	5.7842	5.7652	5.7430	5.7208	5.7021	5.6896	5.6852
	P	2.1880	2.1856	2.1789	2.1689	2.1572	2.1456	2.1357	2.1292	2.1269
	U	5.7659	5.7717	5.7884	5.8135	5.8433	5.8733	5.8989	5.9161	5.9222
	V	-0.0443	-0.0443	-0.0442	-0.0441	-0.0440	-0.0439	-0.0438	-0.0438	-0.0438
	W	0.0	0.0173	0.0320	0.0418	0.0452	0.0417	0.0319	0.0172	0.0000
0.025	A	3.7882	3.7864	3.7813	3.7736	3.7644	3.7550	3.7470	3.7416	3.7397
	RHO	5.8011	5.8004	5.7982	5.7953	5.7923	5.7897	5.7878	5.7868	5.7865
	P	2.1879	2.1855	2.1788	2.1688	2.1571	2.1455	2.1356	2.1291	2.1268
	U	5.7657	5.7715	5.7882	5.8134	5.8432	5.8732	5.8987	5.9155	5.9219
	V	-0.0880	-0.0879	-0.0879	-0.0877	-0.0875	-0.0873	-0.0872	-0.0871	-0.0871
	W	0.0	0.0191	0.0354	0.0462	0.0500	0.0462	0.0354	0.0191	0.0000
0.050	A	3.7881	3.7863	3.7812	3.7735	3.7642	3.7545	3.7469	3.7415	3.7396
	RHO	5.8005	5.7998	5.7977	5.7949	5.7919	5.7893	5.7874	5.7863	5.7859
	P	2.1875	2.1852	2.1785	2.1685	2.1568	2.1452	2.1353	2.1288	2.1265
	U	5.7647	5.7706	5.7874	5.8126	5.8424	5.8724	5.8979	5.9150	5.9209
	V	-0.1740	-0.1739	-0.1737	-0.1734	-0.1731	-0.1727	-0.1724	-0.1722	-0.1721
	W	0.0	0.0216	0.0400	0.0523	0.0566	0.0524	0.0401	0.0217	0.0000
0.100	A	3.7878	3.7860	3.7809	3.7731	3.7639	3.7545	3.7466	3.7412	3.7393
	RHO	5.7983	5.7976	5.7956	5.7928	5.7899	5.7872	5.7852	5.7840	5.7837
	P	2.1864	2.1840	2.1773	2.1672	2.1556	2.1440	2.1342	2.1276	2.1253
	U	5.7609	5.7668	5.7837	5.8090	5.8389	5.8688	5.8943	5.9114	5.9173
	V	-0.3406	-0.3404	-0.3400	-0.3394	-0.3386	-0.3379	-0.3373	-0.3369	-0.3367
	W	0.0	0.0250	0.0463	0.0605	0.0656	0.0607	0.0465	0.0252	0.0000
0.200	A	3.7867	3.7849	3.7797	3.7719	3.7627	3.7534	3.7454	3.7401	3.7382
	RHO	5.7897	5.7890	5.7872	5.7845	5.7816	5.7790	5.7769	5.7756	5.7752
	P	2.1818	2.1795	2.1728	2.1629	2.1512	2.1396	2.1298	2.1233	2.1210
	U	5.7550	5.7609	5.7778	5.8032	5.8331	5.8631	5.8886	5.9056	5.9116
	V	-0.5004	-0.5002	-0.4996	-0.4986	-0.4975	-0.4964	-0.4955	-0.4948	-0.4946
	W	0.0	0.0274	0.0508	0.0664	0.0720	0.0666	0.0510	0.0276	0.0000
0.300	A	3.7850	3.7831	3.7780	3.7702	3.7609	3.7516	3.7437	3.7384	3.7365
	RHO	5.7764	5.7758	5.7740	5.7714	5.7686	5.7660	5.7639	5.7626	5.7621
	P	2.1748	2.1725	2.1659	2.1560	2.1444	2.1328	2.1230	2.1165	2.1143
	U	5.7471	5.7530	5.7700	5.7954	5.8254	5.8554	5.8809	5.8980	5.9040
	V	-0.6541	-0.6538	-0.6530	-0.6518	-0.6503	-0.6488	-0.6475	-0.6467	-0.6464
	W	0.0	0.0294	0.0543	0.0710	0.0770	0.0712	0.0546	0.0296	0.0000
0.400	A	3.7827	3.7809	3.7757	3.7679	3.7586	3.7493	3.7414	3.7362	3.7343
	RHO	5.7589	5.7583	5.7566	5.7542	5.7514	5.7488	5.7467	5.7454	5.7450
	P	2.1656	2.1633	2.1567	2.1469	2.1354	2.1239	2.1142	2.1077	2.1055
	U	5.7375	5.7435	5.7604	5.7859	5.8160	5.8461	5.8716	5.8887	5.8947
	V	-0.8022	-0.8018	-0.8008	-0.7993	-0.7975	-0.7957	-0.7941	-0.7930	-0.7926
	W	0.0	0.0309	0.0572	0.0748	0.0811	0.0751	0.0575	0.0312	0.0000
0.500	A	3.7799	3.7781	3.7729	3.7651	3.7558	3.7466	3.7387	3.7335	3.7316
	RHO	5.7378	5.7372	5.7356	5.7333	5.7306	5.7281	5.7260	5.7247	5.7242
	P	2.1545	2.1522	2.1457	2.1359	2.1245	2.1131	2.1035	2.0971	2.0948
	U	5.7263	5.7323	5.7493	5.7749	5.8050	5.8352	5.8608	5.8779	5.8839
	V	-0.9451	-0.9447	-0.9435	-0.9418	-0.9396	-0.9375	-0.9356	-0.9343	-0.9339
	W	0.0	0.0323	0.0597	0.0781	0.0846	0.0783	0.0600	0.0325	0.0000
0.600	A	3.7767	3.7749	3.7698	3.7619	3.7527	3.7434	3.7356	3.7303	3.7285
	RHO	5.7134	5.7128	5.7113	5.7091	5.7066	5.7041	5.7021	5.7007	5.7003
	P	2.1417	2.1394	2.1329	2.1233	2.1120	2.1007	2.0912	2.0848	2.0826
	U	5.7137	5.7197	5.7368	5.7624	5.7927	5.8229	5.8485	5.8657	5.8717
	V	-1.0834	-1.0829	-1.0816	-1.0795	-1.0771	-1.0746	-1.0725	-1.0710	-1.0705
	W	0.0	0.0334	0.0618	0.0809	0.0877	0.0811	0.0621	0.0337	0.0000
0.700	A	3.7730	3.7712	3.7660	3.7583	3.7491	3.7399	3.7320	3.7268	3.7250
	RHO	5.6860	5.6855	5.6841	5.6820	5.6796	5.6772	5.6752	5.6739	5.6735
	P	2.1273	2.1251	2.1187	2.1092	2.0980	2.0868	2.0774	2.0711	2.0689
	U	5.7000	5.7060	5.7231	5.7488	5.7791	5.8094	5.8351	5.8523	5.8584
	V	-1.2174	-1.2169	-1.2154	-1.2131	-1.2104	-1.2076	-1.2052	-1.2036	-1.2030
	W	0.0	0.0345	0.0637	0.0833	0.0903	0.0835	0.0640	0.0347	0.0000
0.800	A	3.7690	3.7672	3.7620	3.7543	3.7451	3.7359	3.7281	3.7229	3.7211
	RHO	5.6559	5.6555	5.6541	5.6522	5.6499	5.6476	5.6457	5.6444	5.6440
	P	2.1116	2.1094	2.1031	2.0937	2.0826	2.0716	2.0622	2.0560	2.0538
	U	5.6851	5.6911	5.7083	5.7340	5.7644	5.7948	5.8206	5.8379	5.8440
	V	-1.3475	-1.3470	-1.3453	-1.3428	-1.3398	-1.3367	-1.3341	-1.3323	-1.3317
	W	0.0	0.0354	0.0654	0.0855	0.0927	0.0857	0.0657	0.0356	0.0000
0.900	A	3.7647	3.7629	3.7577	3.7500	3.7408	3.7316	3.7239	3.7187	3.7168
	RHO	5.6233	5.6229	5.6216	5.6198	5.6176	5.6155	5.6136	5.6124	5.6120
	P	2.0945	2.0924	2.0861	2.0769	2.0660	2.0551	2.0459	2.0397	2.0375
	U	5.6692	5.6752	5.6925	5.7183	5.7488	5.7793	5.8052	5.8225	5.8285
	V	-1.4741	-1.4735	-1.4717	-1.4689	-1.4657	-1.4623	-1.4595	-1.4575	-1.4568
	W	0.0	0.0362	0.0669	0.0875	0.0948	0.0877	0.0671	0.0364	0.0000
1.000	A	3.7600	3.7582	3.7530	3.7453	3.7362	3.7270	3.7193	3.7141	3.7123
	RHO	5.5883	5.5879	5.5867	5.5850	5.5830	5.5810	5.5792	5.5781	5.5776
	P	2.0763	2.0741	2.0680	2.0589	2.0481	2.0374	2.0283	2.0222	2.0201
THS/THC		1.1577	1.1575	1.1572	1.1566	1.1559	1.1553	1.1547	1.1543	1.1542

M=10.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 7.3256

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.4437	5.4539	5.4830	5.5265	5.5779	5.6292	5.6726	5.7016	5.7117
	V	0.0000	0.0000	-0.0000	0.0	0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.0655	0.1285	0.1880	0.1818	0.1678	0.1282	0.0692	0.0000
0.0	A	3.8824	3.8794	3.8709	3.8582	3.8433	3.8284	3.8159	3.8076	3.8046
	RHO	5.8289	5.8065	5.7431	5.6495	5.5410	5.4347	5.3463	5.2882	5.2679
	P	2.3091	2.2966	2.2616	2.2102	2.1510	2.0934	2.0459	2.0148	2.0041
	U	5.4436	5.4708	5.5493	5.6696	5.8161	5.9680	6.1012	6.1926	6.2252
	V	-0.0452	-0.0451	-0.0449	-0.0445	-0.0441	-0.0436	-0.0432	-0.0429	-0.0428
	W	0.0	0.0880	0.1621	0.2107	0.2266	0.2079	0.1581	0.0852	0.0000
0.025	A	3.8824	3.8745	3.8517	3.8160	3.7715	3.7239	3.6810	3.6508	3.6399
	RHO	5.8287	5.8209	5.8005	5.7750	5.7539	5.7438	5.7452	5.7518	5.7552
	P	2.3089	2.2965	2.2615	2.2101	2.1509	2.0933	2.0458	2.0147	2.0040
	U	5.4433	5.4711	5.5510	5.6727	5.8200	5.9714	6.1032	6.1931	6.2250
	V	-0.0898	-0.0897	-0.0892	-0.0885	-0.0877	-0.0868	-0.0860	-0.0854	-0.0852
	W	0.0	0.0962	0.1776	0.2317	0.2503	0.2309	0.1765	0.0955	0.0000
0.050	A	3.8823	3.8743	3.8509	3.8147	3.7698	3.7224	3.6800	3.6505	3.6399
	RHO	5.8281	5.8209	5.8020	5.7782	5.7582	5.7477	5.7474	5.7521	5.7547
	P	2.3086	2.2962	2.2612	2.2098	2.1506	2.0931	2.0456	2.0145	2.0037
	U	5.4423	5.4706	5.5518	5.6750	5.8230	5.9741	6.1044	6.1928	6.2241
	V	-0.1778	-0.1774	-0.1765	-0.1752	-0.1734	-0.1716	-0.1700	-0.1688	-0.1684
	W	0.0	0.1078	0.1993	0.2609	0.2831	0.2623	0.2014	0.1092	0.0000
0.100	A	3.8820	3.8737	3.8498	3.8130	3.7678	3.7205	3.6788	3.6495	3.6396
	RHO	5.8258	5.8193	5.8021	5.7804	5.7615	5.7506	5.7484	5.7508	5.7525
	P	2.3073	2.2950	2.2600	2.2087	2.1496	2.0920	2.0445	2.0134	2.0026
	U	5.4382	5.4671	5.5497	5.6744	5.8232	5.9739	6.1030	6.1900	6.2207
	V	-0.3482	-0.3477	-0.3458	-0.3431	-0.3396	-0.3358	-0.3324	-0.3299	-0.3290
	W	0.0	0.1239	0.2295	0.3011	0.3277	0.3046	0.2345	0.1274	0.0000
0.200	A	3.8808	3.8723	3.8478	3.8103	3.7648	3.7177	3.6766	3.6485	3.6385
	RHO	5.8170	5.8114	5.7964	5.7771	5.7596	5.7482	5.7438	5.7437	5.7443
	P	2.3024	2.2901	2.2554	2.2043	2.1454	2.0880	2.0405	2.0094	1.9986
	U	5.4319	5.4610	5.5444	5.6700	5.8193	5.9695	6.0985	6.1849	6.2153
	V	-0.5120	-0.5110	-0.5084	-0.5042	-0.4989	-0.4933	-0.4880	-0.4843	-0.4829
	W	0.0	0.1356	0.2513	0.3300	0.3595	0.3344	0.2575	0.1400	0.0000
0.300	A	3.8790	3.8703	3.8455	3.8076	3.7618	3.7150	3.6743	3.6467	3.6369
	RHO	5.8032	5.7982	5.7849	5.7674	5.7509	5.7392	5.7334	5.7317	5.7316
	P	2.2948	2.2826	2.2482	2.1974	2.1388	2.0816	2.0343	2.0032	1.9924
	U	5.4234	5.4528	5.5367	5.6629	5.8127	5.9634	6.0918	6.1779	6.2082
	V	-0.6694	-0.6682	-0.6647	-0.6592	-0.6522	-0.6446	-0.6377	-0.6327	-0.6308
	W	0.0	0.1450	0.2688	0.3530	0.3846	0.3577	0.2755	0.1497	0.0000
0.400	A	3.8766	3.8678	3.8427	3.8045	3.7587	3.7120	3.6717	3.6445	3.6348
	RHO	5.7851	5.7807	5.7687	5.7527	5.7371	5.7254	5.7185	5.7157	5.7150
	P	2.2848	2.2727	2.2386	2.1883	2.1302	2.0733	2.0261	1.9951	1.9844
	U	5.4131	5.4426	5.5270	5.6537	5.8039	5.9548	6.0832	6.1693	6.1996
	V	-0.8210	-0.8195	-0.8152	-0.8084	-0.7998	-0.7904	-0.7818	-0.7756	-0.7734
	W	0.0	0.1528	0.2833	0.3721	0.4053	0.3769	0.2901	0.1577	0.0000
0.500	A	3.8736	3.8648	3.8395	3.8011	3.7553	3.7087	3.6688	3.6418	3.6323
	RHO	5.7632	5.7592	5.7485	5.7339	5.7193	5.7075	5.6999	5.6961	5.6951
	P	2.2727	2.2608	2.2271	2.1773	2.1197	2.0632	2.0163	1.9854	1.9747
	U	5.4011	5.4308	5.5155	5.6427	5.7933	5.9445	6.0731	6.1592	6.1895
	V	-0.9673	-0.9655	-0.9605	-0.9525	-0.9423	-0.9312	-0.9210	-0.9137	-0.9111
	W	0.0	0.1596	0.2958	0.3884	0.4229	0.3931	0.3025	0.1643	0.0000
0.600	A	3.8702	3.8613	3.8359	3.7974	3.7516	3.7052	3.6655	3.6388	3.6293
	RHO	5.7378	5.7343	5.7247	5.7115	5.6978	5.6861	5.6780	5.6735	5.6721
	P	2.2587	2.2469	2.2137	2.1645	2.1075	2.0515	2.0049	1.9742	1.9635
	U	5.3877	5.4175	5.5025	5.6301	5.7811	5.9327	6.0615	6.1478	6.1781
	V	-1.1087	-1.1067	-1.1009	-1.0917	-1.0801	-1.0673	-1.0557	-1.0473	-1.0443
	W	0.0	0.1655	0.3067	0.4025	0.4381	0.4071	0.3131	0.1700	0.0000
0.700	A	3.8664	3.8574	3.8319	3.7934	3.7475	3.7013	3.6619	3.6354	3.6260
	RHO	5.7094	5.7063	5.6978	5.6859	5.6731	5.6616	5.6531	5.6480	5.6463
	P	2.2430	2.2315	2.1987	2.1502	2.0939	2.0384	1.9922	1.9617	1.9511
	U	5.3730	5.4029	5.4882	5.6162	5.7676	5.9195	6.0487	6.1351	6.1655
	V	-1.2457	-1.2434	-1.2369	-1.2265	-1.2135	-1.1992	-1.1862	-1.1769	-1.1736
	W	0.0	0.1707	0.3163	0.4150	0.4515	0.4193	0.3223	0.1750	0.0000
0.800	A	3.8621	3.8531	3.8275	3.7890	3.7432	3.6972	3.6579	3.6316	3.6224
	RHO	5.6781	5.6754	5.6680	5.6574	5.6455	5.6343	5.6255	5.6199	5.6180
	P	2.2258	2.2145	2.1823	2.1345	2.0789	2.0240	1.9782	1.9479	1.9374
	U	5.3571	5.3871	5.4727	5.6011	5.7530	5.9053	6.0348	6.1215	6.1520
	V	-1.3785	-1.3760	-1.3688	-1.3574	-1.3429	-1.3273	-1.3130	-1.3028	-1.2991
	W	0.0	0.1753	0.3248	0.4261	0.4633	0.4301	0.3305	0.1793	0.0000
0.900	A	3.8575	3.8485	3.8228	3.7843	3.7386	3.6927	3.6537	3.6276	3.6184
	RHO	5.6442	5.6419	5.6356	5.6262	5.6152	5.6044	5.5954	5.5895	5.5874
	P	2.2073	2.1961	2.1645	2.1175	2.0626	2.0085	1.9631	1.9331	1.9226
	U	5.3402	5.3703	5.4561	5.5849	5.7372	5.8900	6.0200	6.1069	6.1375
	V	-1.5077	-1.5050	-1.4970	-1.4846	-1.4689	-1.4519	-1.4364	-1.4254	-1.4214
	W	0.0	0.1755	0.3325	0.4360	0.4739	0.4357	0.3377	0.1832	0.0000
1.000	A	3.8525	3.8435	3.8178	3.7793	3.7337	3.6880	3.6492	3.6233	3.6142
	RHO	5.6078	5.6059	5.6006	5.5924	5.5825	5.5721	5.5629	5.5567	5.5544
	P	2.1873	2.1764	2.1454	2.0992	2.0452	1.9918	1.9469	1.9172	1.9068
THS/THC		1.1652	1.1646	1.1629	1.1602	1.1570	1.1535	1.1505	1.1484	1.1477

M=10.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 7.3356

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	5.0214	5.0435	5.1067	5.2016	5.3139	5.4264	5.5216	5.5847	5.6068
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.1508	0.2796	0.3669	0.3984	0.3675	0.2803	0.1508	0.0000
	A	3.9946	3.9885	3.9710	3.9448	3.9142	3.8838	3.8583	3.8416	3.8357
	RHO	5.8608	5.8158	5.6893	5.5044	5.2936	5.0913	4.9268	4.8207	4.7841
	P	2.4578	2.4315	2.3577	2.2512	2.1314	2.0183	1.9276	1.8697	1.8499
0.025	U	5.0213	5.0712	5.2166	5.4438	5.7292	6.0366	6.3173	6.5153	6.5868
	V	-0.0464	-0.0463	-0.0459	-0.0452	-0.0444	-0.0435	-0.0426	-0.0420	-0.0417
	W	0.0	0.1797	0.3305	0.4281	0.4574	0.4161	0.3140	0.1684	0.0000
	A	3.9946	3.9814	3.9414	3.8776	3.7939	3.6982	3.6053	3.5361	3.5103
	RHO	5.8605	5.8370	5.7748	5.6970	5.6348	5.6151	5.6426	5.6893	5.7119
	P	2.4577	2.4314	[illegible]	2.2512	2.1315	2.0183	1.9275	1.8696	1.8498
0.050	U	5.0210	5.0729	5.2281	5.4564	5.7455	6.0520	6.3267	6.5180	6.5866
	V	-0.0923	-0.0920	-0.0911	-0.0898	-0.0882	-0.0865	-0.0848	-0.0835	-0.0830
	W	0.0	0.1939	0.3577	0.4660	0.5022	0.4621	0.3529	0.1910	0.0000
	A	3.9945	3.9804	3.9390	3.8730	3.7876	3.6920	3.6011	3.5347	3.5103
	RHO	5.8599	5.8383	5.7812	5.7100	5.6530	5.6336	5.6551	5.6930	5.7114
	P	2.4573	2.4310	2.3575	2.2510	2.1313	2.0181	1.9273	1.8694	1.8495
0.100	U	5.0198	5.0737	5.2293	5.4684	5.7611	6.0662	6.3352	6.5200	6.5858
	V	-0.1827	-0.1821	-0.1805	-0.1779	-0.1746	-0.1711	-0.1676	-0.1645	-0.1639
	W	0.0	0.2147	0.3973	0.5205	0.5655	0.5254	0.4050	0.2206	0.0000
	A	3.9942	3.9794	3.9361	3.8676	3.7805	3.6855	3.5965	3.5331	3.5100
	RHO	5.8575	5.8382	5.7873	5.7238	5.6724	5.6529	5.6673	5.6954	5.7092
	P	2.4559	2.4297	2.3564	2.2502	2.1306	2.0174	1.9265	1.8684	1.8485
0.200	U	5.0153	5.0713	5.2323	5.4773	5.7732	6.0770	6.3405	6.5194	6.5827
	V	-0.3582	-0.3571	-0.3539	-0.3489	-0.3424	-0.3350	-0.3275	-0.3217	-0.3195
	W	0.0	0.2447	0.4540	0.5976	0.6534	0.6112	0.4737	0.2585	0.0000
	A	3.9929	3.9773	3.9317	3.8606	3.7716	3.6765	3.5907	3.5306	3.5090
	RHO	5.8483	5.8320	5.7890	5.7350	5.6901	5.6658	5.6756	5.6926	5.7012
	P	2.4505	2.4246	2.3518	2.2463	2.1272	2.0142	1.9232	1.8649	1.8449
0.300	U	5.0083	5.0655	5.2293	5.4775	5.7753	6.0785	6.3394	6.5157	6.5778
	V	-0.5266	-0.5251	-0.5205	-0.5132	-0.5035	-0.4921	-0.4806	-0.4717	-0.4683
	W	0.0	0.2670	0.4961	0.6541	0.7167	0.6715	0.5210	0.2848	0.0000
	A	3.9910	3.9748	3.9278	3.8550	3.7651	3.6704	3.5863	3.5283	3.5075
	RHO	5.8339	5.8199	5.7826	5.7353	5.6948	5.6738	5.6737	5.6836	5.6891
	P	2.4421	2.4164	2.3445	2.2400	2.1216	2.0088	1.9178	1.8595	1.8394
0.400	U	4.9990	5.0569	5.2227	5.4731	5.7722	6.0752	6.3349	6.5097	6.5713
	V	-0.6885	-0.6865	-0.6806	-0.6710	-0.6582	-0.6431	-0.6277	-0.6157	-0.6112
	W	0.0	0.2853	0.5303	0.6996	0.7669	0.7187	0.5574	0.3045	0.0000
	A	3.9884	3.9718	3.9238	3.8498	3.7593	3.6650	3.5823	3.5257	3.5056
	RHO	5.8150	5.8028	5.7704	5.7287	5.6918	5.6703	5.6657	5.6702	5.6733
	P	2.4310	2.4057	2.3348	2.2314	2.1130	2.0017	1.9108	1.8524	1.8323
0.500	U	4.9877	5.0461	5.2133	5.4653	5.7655	6.0687	6.3279	6.5020	6.5633
	V	-0.8443	-0.8419	-0.8347	-0.8229	-0.8072	-0.7884	-0.7693	-0.7545	-0.7489
	W	0.0	0.3009	0.5593	0.7378	0.8086	0.7574	0.5869	0.3204	0.0000
	A	3.9852	3.9683	3.9195	3.8447	3.7538	3.6559	3.5783	3.5228	3.5032
	RHO	5.7920	5.7815	5.7535	5.7168	5.6831	5.6612	5.6530	5.6531	5.6543
	P	2.4175	2.3927	2.3229	2.2209	2.1046	1.9929	1.9023	1.8438	1.8237
0.600	U	4.9746	5.0335	5.2017	5.4549	5.7561	6.0597	6.3189	6.4928	6.5540
	V	-0.9945	-0.9916	-0.9832	-0.9694	-0.9507	-0.9284	-0.9059	-0.8885	-0.8819
	W	0.0	0.3144	0.5843	0.7706	0.8442	0.7900	0.6116	0.3336	0.0000
	A	3.9816	3.9644	3.9150	3.8395	3.7484	3.6550	3.5743	3.5197	3.5005
	RHO	5.7654	5.7565	5.7325	5.7005	5.6697	5.6476	5.6364	5.6329	5.6325
	P	2.4020	2.3777	2.3091	2.2086	2.0936	1.9827	1.8924	1.8340	1.8139
0.700	U	4.9600	5.0192	5.1882	5.4425	5.7445	6.0488	6.3083	6.4823	6.5435
	V	-1.1395	-1.1362	-1.1265	-1.1107	-1.0892	-1.0638	-1.0380	-1.0182	-1.0107
	W	0.0	0.3263	0.6063	0.7994	0.8750	0.8181	0.6326	0.3448	0.0000
	A	3.9774	3.9601	3.9101	3.8342	3.7429	3.6500	3.5761	3.5164	3.4975
	RHO	5.7356	5.7282	5.7080	5.6803	5.6523	5.6302	5.6164	5.6099	5.6081
	P	2.3846	2.3608	2.2935	2.1947	2.0811	1.9712	1.8813	1.8230	1.8029
0.800	U	4.9440	5.0035	5.1731	5.4283	5.7313	6.0343	6.2963	6.4706	6.5319
	V	-1.2798	-1.2761	-1.2651	-1.2473	-1.2232	-1.1947	-1.1660	-1.1440	-1.1356
	W	0.0	0.3369	0.6260	0.8248	0.9021	0.8425	0.6508	0.3544	0.0000
	A	3.9729	3.9553	3.9050	3.8288	3.7374	3.6449	3.5658	3.5128	3.4941
	RHO	5.7028	5.6968	5.6802	5.6567	5.6315	5.6065	5.5935	5.5843	5.5814
	P	2.3656	2.3423	2.2764	2.1793	2.0674	1.9585	1.8691	1.8110	1.7909
0.900	U	4.9269	4.9865	5.1567	5.4126	5.7165	6.0224	6.2831	6.4579	6.5193
	V	-1.4157	-1.4116	-1.3994	-1.3796	-1.3530	-1.3216	-1.2902	-1.2662	-1.2571
	W	0.0	0.3465	0.6436	0.8475	0.9262	0.8641	0.6668	0.3628	0.0000
	A	3.9679	3.9503	3.8996	3.8231	3.7318	3.6357	3.5613	3.5089	3.4905
	RHO	5.6673	5.6626	5.6495	5.6300	5.6076	5.5858	5.5680	5.5564	5.5524
	P	2.3450	2.3223	2.2579	2.1627	2.0524	1.9447	1.8559	1.7979	1.7779
1.000	U	4.9087	4.9684	5.1391	5.3957	5.7005	6.0072	6.2688	6.4442	6.5059
	V	-1.5477	-1.5432	-1.5298	-1.5080	-1.4790	-1.4449	-1.4110	-1.3852	-1.3754
	W	0.0	0.3552	0.6595	0.8679	0.9477	0.8852	0.6808	0.3701	0.0000
	A	3.9626	3.9448	3.8940	3.8173	3.7261	3.6344	3.5566	3.5048	3.4866
	RHO	5.6292	5.6258	5.6160	5.6005	5.5808	5.5594	5.5399	5.5263	5.5213
	P	2.3229	2.3008	2.2380	2.1448	2.0363	1.9259	1.8417	1.7840	1.7639
THS/THC		1.1758	1.1748	1.1717	1.1667	1.1602	1.1531	1.1466	1.1420	1.1403

M=10.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)= 7.3358

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.5749	4.6106	4.7127	4.8669	5.0509	5.2363	5.3933	5.4969	5.5329
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.2433	0.4530	0.5986	0.6547	0.6072	0.4616	0.2465	0.0000
0.0	A	4.1005	4.0911	4.0641	4.0238	3.9764	3.9297	3.8910	3.8658	3.8571
	RHO	5.8902	5.8227	5.6335	5.3594	5.0511	4.7613	4.5316	4.3869	4.3378
	P	2.6028	2.5611	2.4454	2.2805	2.0990	1.9323	1.8031	1.7230	1.6960
	U	4.5748	4.6437	4.8455	5.1649	5.5770	6.0418	6.4868	6.8112	6.9297
	V	-0.0478	-0.0476	-0.0470	-0.0460	-0.0449	-0.0436	-0.0422	-0.0411	-0.0405
	W	0.0	0.2759	0.5078	0.6573	0.6988	0.6290	0.4693	0.2504	0.0000
0.025	A	4.1005	4.0831	4.0313	3.9468	3.8317	3.6968	3.5412	3.4217	3.3757
	RHO	5.8900	5.8454	5.7257	5.5709	5.4403	5.3580	5.4713	5.5995	5.6630
	P	2.6027	2.5611	2.4455	2.2807	2.0992	1.9325	1.8031	1.7229	1.6960
	U	4.5744	4.6472	4.8594	5.1923	5.6148	6.0750	6.5106	6.8183	6.9295
	V	-0.0950	-0.0946	-0.0933	-0.0913	-0.0890	-0.0865	-0.0840	-0.0818	-0.0808
	W	0.0	0.2941	0.5426	0.7062	0.7588	0.6949	0.5256	0.2872	0.0000
0.050	A	4.1004	4.0818	4.0269	3.9378	3.8182	3.6759	3.5305	3.4182	3.3757
	RHO	5.8893	5.8481	5.7379	5.5966	5.4792	5.4418	5.5041	5.6104	5.6624
	P	2.6023	2.5608	2.4454	2.2807	2.0993	1.9325	1.8030	1.7228	1.6957
	U	4.5731	4.6501	4.8734	5.2200	5.6522	6.1148	6.5329	6.8245	6.9288
	V	-0.1881	-0.1872	-0.1848	-0.1811	-0.1765	-0.1714	-0.1660	-0.1613	-0.1594
	W	0.0	0.3216	0.5954	0.7800	0.8475	0.7886	0.6108	0.3349	0.0000
0.100	A	4.1000	4.0801	4.0214	3.9271	3.8028	3.6556	3.5191	3.4143	3.3754
	RHO	5.8868	5.8499	5.7515	5.6263	5.5232	5.4858	5.5382	5.6206	5.6603
	P	2.6007	2.5594	2.4445	2.2803	2.0991	1.9322	1.8025	1.7220	1.6948
	U	4.5682	4.6495	4.8843	5.2447	5.6856	6.1457	6.5507	6.8278	6.9259
	V	-0.3686	-0.3671	-0.3628	-0.3560	-0.3471	-0.3364	-0.3245	-0.3141	-0.3099
	W	0.0	0.3628	0.6740	0.8887	0.9751	0.9176	0.7174	0.3952	0.0000
0.200	A	4.0987	4.0771	4.0139	3.9135	3.7843	3.6408	3.5062	3.4096	3.3745
	RHO	5.8772	5.8461	5.7635	5.6585	5.5721	5.5408	5.5713	5.6263	5.6525
	P	2.5948	2.5540	2.4404	2.2776	2.0971	1.9302	1.8000	1.7190	1.6916
	U	4.5604	4.6442	4.8853	5.2530	5.6983	6.1571	6.5558	6.8260	6.9214
	V	-0.5418	-0.5397	-0.5337	-0.5241	-0.5110	-0.4946	-0.4760	-0.4600	-0.4535
	W	0.0	0.3946	0.7342	0.9708	1.0691	1.0093	0.7902	0.4351	0.0000
0.300	A	4.0966	4.0739	4.0077	3.9035	3.7716	3.6284	3.4977	3.4060	3.3731
	RHO	5.8621	5.8355	5.7647	5.6743	5.5988	5.5677	5.5854	5.6228	5.6609
	P	2.5854	2.5453	2.4334	2.2724	2.0931	1.9264	1.7959	1.7143	1.6867
	U	4.5501	4.6355	4.8808	5.2532	5.7014	6.1556	6.5548	6.8215	6.9154
	V	-0.7080	-0.7054	-0.6978	-0.6854	-0.6684	-0.6465	-0.6214	-0.5999	-0.5912
	W	0.0	0.4211	0.7842	1.0382	1.1446	1.0813	0.8458	0.4651	0.0000
0.400	A	4.0938	4.0703	4.0019	3.8950	3.7613	3.6186	3.4909	3.4027	3.3713
	RHO	5.8421	5.8195	5.7587	5.6807	5.6137	5.5823	5.5897	5.6138	5.6258
	P	2.5732	2.5338	2.4238	2.2650	2.0872	1.9211	1.7902	1.7082	1.6804
	U	4.5376	4.6242	4.8724	5.2481	5.6985	6.1567	6.5502	6.8149	6.9080
	V	-0.8677	-0.8646	-0.8554	-0.8405	-0.8196	-0.7923	-0.7612	-0.7346	-0.7239
	W	0.0	0.4440	0.8271	1.0954	1.2079	1.1403	0.8906	0.4885	0.0000
0.500	A	4.0904	4.0662	3.9961	3.8872	3.7522	3.6102	3.4849	3.3994	3.3691
	RHO	5.8180	5.7988	5.7472	5.6801	5.6205	5.5885	5.5873	5.6006	5.6079
	P	2.5583	2.5198	2.4120	2.2556	2.0797	1.9143	1.7833	1.7009	1.6729
	U	4.5233	4.6107	4.8610	5.2392	5.6914	6.1499	6.5427	6.8066	6.8995
	V	-1.0214	-1.0178	-1.0071	-0.9897	-0.9650	-0.9327	-0.8958	-0.8645	-0.8521
	W	0.0	0.4642	0.8647	1.1451	1.2621	1.1900	0.9278	0.5085	0.0000
0.600	A	4.0865	4.0618	3.9902	3.8797	3.7439	3.6026	3.4794	3.3960	3.3666
	RHO	5.7902	5.7742	5.7311	5.6739	5.6211	5.5885	5.5798	5.5840	5.5873
	P	2.5412	2.5036	2.3981	2.2445	2.0707	1.9062	1.7752	1.6925	1.6643
	U	4.5073	4.5953	4.8472	5.2273	5.6810	6.1403	6.5332	6.7970	6.8898
	V	-1.1696	-1.1655	-1.1533	-1.1333	-1.1050	-1.0679	-1.0257	-0.9902	-0.9762
	W	0.0	0.4822	0.8981	1.1889	1.3093	1.2327	0.9593	0.5249	0.0000
0.700	A	4.0821	4.0569	3.9842	3.8724	3.7361	3.5955	3.4740	3.3925	3.3639
	RHO	5.7589	5.7460	5.7108	5.6630	5.6164	5.5834	5.5681	5.5644	5.5643
	P	2.5220	2.4854	2.3824	2.2318	2.0603	1.8970	1.7661	1.6831	1.6548
	U	4.4899	4.5784	4.8314	5.2130	5.6681	6.1284	6.5220	6.7862	6.8791
	V	-1.3127	-1.3081	-1.2944	-1.2718	-1.2400	-1.1984	-1.1514	-1.1121	-1.0966
	W	0.0	0.4985	0.9282	1.2280	1.3509	1.2658	0.9864	0.5389	0.0000
0.800	A	4.0772	4.0516	3.9780	3.8652	3.7285	3.5867	3.4689	3.3888	3.3608
	RHO	5.7246	5.7146	5.6870	5.6480	5.6073	5.5741	5.5529	5.5423	5.5392
	P	2.5010	2.4654	2.3651	2.2176	2.0487	1.8867	1.7560	1.6727	1.6443
	U	4.4713	4.5601	4.8139	5.1968	5.6532	6.1148	6.5054	6.7743	6.8675
	V	-1.4512	-1.4460	-1.4307	-1.4057	-1.3704	-1.3246	-1.2732	-1.2305	-1.2137
	W	0.0	0.5133	0.9554	1.2631	1.3879	1.3025	1.0099	0.5509	0.0000
0.900	A	4.0719	4.0460	3.9715	3.8580	3.7212	3.5822	3.4637	3.3850	3.3575
	RHO	5.6875	5.6803	5.6598	5.6294	5.5944	5.5611	5.5346	5.5178	5.5120
	P	2.4783	2.4438	2.3462	2.2021	2.0359	1.8754	1.7451	1.6616	1.6330
	U	4.4516	4.5406	4.7951	5.1790	5.6367	6.0996	6.4956	6.7615	6.8550
	V	-1.5855	-1.5797	-1.5628	-1.5352	-1.4965	-1.4467	-1.3915	-1.3458	-1.3279
	W	0.0	0.5268	0.9801	1.2948	1.4211	1.3314	1.0305	0.5614	0.0000
1.000	A	4.0662	4.0400	3.9649	3.8508	3.7140	3.5757	3.4586	3.3810	3.3540
	RHO	5.6478	5.6432	5.6296	5.6074	5.5780	5.5448	5.5136	5.4911	5.4828
	P	2.4541	2.4207	2.3259	2.1853	2.0221	1.8632	1.7333	1.6496	1.6209
THS/THC		1.1882	1.1868	1.1826	1.1756	1.1660	1.1549	1.1443	1.1365	1.1337

M=10.0, THC=47.5, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)= 7.3358

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.0995	4.1504	4.2961	4.5177	4.7845	5.0564	5.2882	5.4404	5.4924
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.3466	0.6483	0.8636	0.9550	0.8948	0.6809	0.3595	0.0000
0.0	A	4.1999	4.1870	4.1503	4.0950	4.0297	3.9656	3.9134	3.8801	3.8687
	RHO	5.9180	5.8279	5.5766	5.2149	4.8126	4.4417	4.1568	3.9828	3.9247
	P	2.7434	2.6851	2.5244	2.2982	2.0539	1.8357	1.6730	1.5758	1.5438
	U	4.0993	4.1844	4.4335	4.8258	5.3489	5.9641	6.5971	7.0771	7.2539
	V	-0.0494	-0.0491	-0.0482	-0.0469	-0.0454	-0.0440	-0.0422	-0.0403	-0.0395
	W	0.0	0.3778	0.6972	0.9055	0.9620	0.8545	0.6261	0.3317	0.0000
0.025	A	4.1998	4.1795	4.1194	4.0209	3.8849	3.7078	3.4955	3.3102	3.2366
	RHO	5.9177	5.8487	5.6610	5.4099	5.1795	5.0817	5.2104	5.4720	5.6070
	P	2.7432	2.6851	2.5247	2.2987	2.0544	1.8361	1.6732	1.5758	1.5437
	U	4.0990	4.1900	4.4558	4.8755	5.4171	6.0375	6.6459	7.0919	7.2537
	V	-0.0981	-0.0975	-0.0958	-0.0931	-0.0900	-0.0869	-0.0837	-0.0803	-0.0787
	W	0.0	0.3978	0.7350	0.9578	1.0270	0.9330	0.7069	0.3850	0.0000
0.050	A	4.1997	4.1779	4.1132	4.0074	3.8625	3.6797	3.4736	3.3028	3.2366
	RHO	5.9170	5.8527	5.6785	5.4476	5.2408	5.1606	5.2766	5.4963	5.6064
	P	2.7428	2.6848	2.5248	2.2991	2.0549	1.8364	1.6732	1.5757	1.5435
	U	4.0975	4.1952	4.4794	4.9238	5.4867	6.1087	6.6516	7.1051	7.2530
	V	-0.1941	-0.1930	-0.1898	-0.1849	-0.1789	-0.1726	-0.1655	-0.1582	-0.1549
	W	0.0	0.4294	0.7954	1.0425	1.1315	1.0513	0.8179	0.4531	0.0000
0.100	A	4.1994	4.1756	4.1052	3.9907	3.8364	3.6487	3.4504	3.2949	3.2363
	RHO	5.9144	5.8563	5.6997	5.4940	5.3143	5.2456	5.3472	5.5203	5.6043
	P	2.7410	2.6835	2.5243	2.2995	2.0555	1.8367	1.6730	1.5750	1.5427
	U	4.0919	4.1970	4.5009	4.9705	5.5524	6.1727	6.7304	7.1146	7.2504
	V	-0.3801	-0.3782	-0.3727	-0.3642	-0.3534	-0.3404	-0.3241	-0.3076	-0.3004
	W	0.0	0.4789	0.8901	1.1747	1.2913	1.2217	0.9650	0.5376	0.0000
0.200	A	4.1979	4.1716	4.0941	3.9694	3.8048	3.6138	3.4254	3.2863	3.2355
	RHO	5.9041	5.8551	5.7230	5.5507	5.4029	5.3507	5.4209	5.5406	5.5969
	P	2.7344	2.6778	2.5210	2.2984	2.0555	1.8364	1.6716	1.5726	1.5398
	U	4.0831	4.1924	4.5075	4.9906	5.5818	6.2003	6.7452	7.1158	7.2463
	V	-0.5580	-0.5555	-0.5481	-0.5367	-0.5215	-0.5016	-0.4756	-0.4498	-0.4387
	W	0.0	0.5186	0.9657	1.2791	1.4140	1.3455	1.0653	0.5925	0.0000
0.300	A	4.1956	4.1676	4.0853	3.9539	3.7835	3.5916	3.4101	3.2806	3.2342
	RHO	5.8882	5.8462	5.7332	5.5859	5.4593	5.4118	5.4607	5.5461	5.5857
	P	2.7240	2.6687	2.5147	2.2951	2.0538	1.8347	1.6688	1.5687	1.5355
	U	4.0717	4.1838	4.5061	4.9979	5.5948	6.2121	6.7458	7.1131	7.2407
	V	-0.7284	-0.7253	-0.7163	-0.7021	-0.6828	-0.6561	-0.6206	-0.5859	-0.5711
	W	0.0	0.5525	1.0299	1.3668	1.5146	1.4436	1.1416	0.6330	0.0000
0.400	A	4.1926	4.1633	4.0773	3.9410	3.7667	3.5749	3.3986	3.2760	3.2325
	RHO	5.8672	5.8315	5.7352	5.6091	5.4993	5.4537	5.4845	5.5439	5.5714
	P	2.7105	2.6564	2.5057	2.2896	2.0505	1.8317	1.6649	1.5637	1.5300
	U	4.0579	4.1719	4.4993	4.9971	5.5979	6.2148	6.7485	7.1078	7.2339
	V	-0.8917	-0.8880	-0.8775	-0.8608	-0.8374	-0.8041	-0.7595	-0.7167	-0.6986
	W	0.0	0.5823	1.0861	1.4426	1.6000	1.5243	1.2026	0.6648	0.0000
0.500	A	4.1890	4.1585	4.0695	3.9295	3.7524	3.5611	3.3893	3.2718	3.2306
	RHO	5.8418	5.8119	5.7309	5.6237	5.5283	5.4833	5.4981	5.5364	5.5545
	P	2.6941	2.6414	2.4943	2.2822	2.0457	1.8275	1.6599	1.5576	1.5235
	U	4.0420	4.1575	4.4884	4.9905	5.5943	6.2114	6.7431	7.1005	7.2260
	V	-1.0485	-1.0443	-1.0322	-1.0130	-0.9856	-0.9461	-0.8931	-0.8428	-0.8217
	W	0.0	0.6089	1.1361	1.5094	1.6738	1.5925	1.2529	0.6906	0.0000
0.600	A	4.1848	4.1534	4.0620	3.9189	3.7398	3.5453	3.3812	3.2679	3.2283
	RHO	5.8125	5.7880	5.7212	5.6316	5.5490	5.5040	5.5045	5.5249	5.5352
	P	2.6752	2.6241	2.4808	2.2730	2.0396	1.8223	1.6539	1.5506	1.5161
	U	4.0245	4.1409	4.4745	4.9757	5.5858	6.2037	6.7345	7.0918	7.2170
	V	-1.1993	-1.1946	-1.1809	-1.1591	-1.1279	-1.0823	-1.0216	-0.9646	-0.9410
	W	0.0	0.6330	1.1810	1.5689	1.7386	1.6511	1.2952	0.7120	0.0000
0.700	A	4.1801	4.1479	4.0544	3.9089	3.7284	3.5389	3.3740	3.2640	3.2258
	RHO	5.7798	5.7604	5.7070	5.6338	5.5630	5.5177	5.5053	5.5101	5.5138
	P	2.6541	2.6046	2.4654	2.2623	2.0323	1.8160	1.6471	1.5428	1.5079
	U	4.0055	4.1226	4.4579	4.9655	5.5736	6.1927	6.7246	7.0817	7.2071
	V	-1.3447	-1.3394	-1.3240	-1.2996	-1.2644	-1.2131	-1.1456	-1.0827	-1.0567
	W	0.0	0.6550	1.2218	1.6224	1.7960	1.7020	1.3312	0.7300	0.0000
0.800	A	4.1749	4.1420	4.0467	3.8993	3.7178	3.5294	3.3674	3.2602	3.2231
	RHO	5.7440	5.7294	5.6888	5.6312	5.5715	5.5258	5.5015	5.4925	5.4904
	P	2.6311	2.5833	2.4483	2.2502	2.0239	1.8090	1.6395	1.5343	1.4989
	U	3.9852	4.1028	4.4394	4.9486	5.5585	6.1751	6.7124	7.0766	7.1964
	V	-1.4851	-1.4791	-1.4620	-1.4348	-1.3957	-1.3391	-1.2654	-1.1973	-1.1693
	W	0.0	0.6751	1.2591	1.6709	1.8472	1.7466	1.3624	0.7453	0.0000
0.900	A	4.1692	4.1358	4.0390	3.8900	3.7079	3.5206	3.3612	3.2563	3.2201
	RHO	5.7053	5.6954	5.6669	5.6243	5.5751	5.5291	5.4940	5.4725	5.4651
	P	2.6064	2.5602	2.4296	2.2367	2.0144	1.8011	1.6312	1.5250	1.4893
	U	3.9638	4.0817	4.4192	4.9297	5.5412	6.1636	6.6988	7.0585	7.1848
	V	-1.6209	-1.6143	-1.5953	-1.5651	-1.5221	-1.4604	-1.3812	-1.3087	-1.2790
	W	0.0	0.6937	1.2933	1.7150	1.8934	1.7862	1.3894	0.7586	0.0000
1.000	A	4.1632	4.1292	4.0312	3.8809	3.6985	3.5124	3.3552	3.2524	3.2169
	RHO	5.6640	5.6585	5.6417	5.6135	5.5745	5.5283	5.4832	5.4501	5.4380
	P	2.5800	2.5356	2.4095	2.2220	2.0040	1.7925	1.6222	1.5151	1.4789
THS/THC		1.2031	1.2015	1.1964	1.1877	1.1751	1.1596	1.1439	1.1321	1.1278

M=15.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=11.0346

XI	PHI	0.0
	U	8.8358
	V	0.0000
	W	C.0
-0.000	A	5.5123
	RHO	6.0165
	P	2.1354
	U	8.8357
	V	-0.0625
	W	C.0
0.025	A	5.5123
	RHO	6.0163
	P	2.1353
	U	8.8354
	V	-C.1244
	W	0.0
0.050	A	5.5122
	RHO	6.0157
	P	2.1350
	U	8.8341
	V	-C.2460
	W	0.0
0.100	A	5.5118
	RHO	6.0135
	P	2.1339
	U	8.8291
	V	-0.4821
	W	0.0
0.200	A	5.5103
	RHO	6.0051
	P	2.1297
	U	8.8213
	V	-C.7091
	W	C.0
0.300	A	5.5079
	RHO	5.9921
	P	2.1233
	U	8.8108
	V	-C.9280
	W	0.0
0.4C0	A	5.5047
	RHO	5.9749
	P	2.1147
	U	8.7980
	V	-1.1393
	W	C.0
0.500	A	5.5009
	RHO	5.9541
	P	2.1044
	U	8.7831
	V	-1.3437
	W	0.0
0.600	A	5.4964
	RHO	5.9300
	P	2.0925
	U	8.7663
	V	-1.5419
	W	0.0
C.7C0	A	5.4914
	RHO	5.9029
	P	2.0791
	U	8.7478
	V	-1.7344
	W	C.0
C.800	A	5.4858
	RHO	5.8729
	P	2.0644
	U	8.7277
	V	-1.9216
	W	0.0
0.900	A	5.4797
	RHO	5.8404
	P	2.0484
	U	8.7063
	V	-2.1040
	W	C.0
1.CC0	A	5.4731
	RHO	5.8054
	P	2.0312

THS/THC 1.1478

M=15.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=11.0346

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.7187	8.7215	8.7292	8.7409	8.7546	8.7683	8.7799	8.7877	8.7904
	V	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0186	0.0344	0.0449	0.0486	0.0449	0.0343	0.0186	0.0000
0.0	A	5.5495	5.5486	5.5462	5.5425	5.5382	5.5338	5.5301	5.5277	5.5268
	RHO	6.0210	6.0163	6.0030	5.9831	5.9598	5.9365	5.9168	5.9037	5.8991
	P	2.1659	2.1635	2.1568	2.1468	2.1351	2.1234	2.1136	2.1070	2.1047
	U	8.7186	8.7273	8.7522	8.7896	8.8341	8.8788	8.9170	8.9427	8.9517
	V	-0.0629	-0.0629	-0.0628	-0.0626	-0.0625	-0.0624	-0.0623	-0.0622	-0.0622
	W	0.0	0.0253	0.0466	0.0609	0.0658	0.0607	0.0464	0.0251	0.0000
0.025	A	5.5495	5.5467	5.5388	5.5269	5.5127	5.4984	5.4860	5.4777	5.4747
	RHO	6.0208	6.0202	6.0187	6.0166	6.0146	6.0130	6.0121	6.0117	6.0116
	P	2.1658	2.1634	2.1567	2.1467	2.1350	2.1233	2.1135	2.1069	2.1046
	U	8.7183	8.7270	8.7520	8.7895	8.8340	8.8787	8.9168	8.9424	8.9514
	V	-0.1251	-0.1250	-0.1249	-0.1246	-0.1244	-0.1241	-0.1239	-0.1238	-0.1237
	W	0.0	0.0280	0.0517	0.0676	0.0731	0.0676	0.0517	0.0280	0.0000
0.050	A	5.5494	5.5466	5.5387	5.5268	5.5125	5.4982	5.4859	5.4776	5.4746
	RHO	6.0203	6.0197	6.0182	6.0162	6.0142	6.0126	6.0117	6.0112	6.0111
	P	2.1655	2.1631	2.1564	2.1464	2.1347	2.1230	2.1132	2.1066	2.1044
	U	8.7170	8.7257	8.7508	8.7884	8.8329	8.8776	8.9157	8.9412	8.9501
	V	-0.2475	-0.2474	-0.2471	-0.2466	-0.2461	-0.2455	-0.2451	-0.2448	-0.2447
	W	0.0	0.0318	0.0588	0.0768	0.0832	0.0768	0.0589	0.0319	0.0000
0.100	A	5.5489	5.5462	5.5382	5.5263	5.5120	5.4977	5.4854	5.4771	5.4742
	RHO	6.0180	6.0175	6.0161	6.0142	6.0122	6.0106	6.0096	6.0090	6.0089
	P	2.1644	2.1620	2.1553	2.1453	2.1336	2.1220	2.1121	2.1056	2.1033
	U	8.7119	8.7208	8.7459	8.7836	8.8282	8.8725	8.9109	8.9363	8.9452
	V	-0.4851	-0.4849	-0.4842	-0.4833	-0.4822	-0.4811	-0.4801	-0.4794	-0.4792
	W	0.0	0.0370	0.0684	0.0894	0.0969	0.0857	0.0687	0.0372	0.0000
0.200	A	5.5474	5.5446	5.5366	5.5246	5.5104	5.4960	5.4838	5.4756	5.4727
	RHO	6.0056	6.0091	6.0078	6.0060	6.0042	6.0025	6.0014	6.0008	6.0005
	P	2.1601	2.1578	2.1511	2.1412	2.1295	2.1178	2.1080	2.1015	2.0992
	U	8.7039	8.7128	8.7380	8.7758	8.8205	8.8652	8.9032	8.9286	8.9376
	V	-0.7137	-0.7133	-0.7123	-0.7110	-0.7092	-0.7075	-0.7060	-0.7050	-0.7047
	W	0.0	0.0407	0.0752	0.0984	0.1067	0.0987	0.0757	0.0410	0.0000
0.300	A	5.5450	5.5422	5.5342	5.5221	5.5079	5.4936	5.4814	5.4732	5.4704
	RHO	5.9965	5.9960	5.9948	5.9931	5.9913	5.9897	5.9885	5.9878	5.9876
	P	2.1535	2.1512	2.1446	2.1346	2.1230	2.1114	2.1017	2.0951	2.0929
	U	8.6933	8.7022	8.7275	8.7653	8.8101	8.8549	8.8929	8.9184	8.9273
	V	-0.9339	-0.9335	-0.9322	-0.9304	-0.9280	-0.9258	-0.9238	-0.9225	-0.9220
	W	0.0	0.0436	0.0807	0.1055	0.1144	0.1059	0.0811	0.0439	0.0000
0.400	A	5.5417	5.5389	5.5309	5.5189	5.5047	5.4904	5.4783	5.4701	5.4672
	RHO	5.9792	5.9788	5.9776	5.9760	5.9743	5.9727	5.9716	5.9708	5.9706
	P	2.1448	2.1425	2.1359	2.1261	2.1145	2.1030	2.0933	2.0868	2.0845
	U	8.6803	8.6891	8.7145	8.7525	8.7973	8.8422	8.8803	8.9058	8.9148
	V	-1.1467	-1.1461	-1.1446	-1.1422	-1.1394	-1.1366	-1.1341	-1.1324	-1.1319
	W	0.0	0.0461	0.0852	0.1115	0.1208	0.1118	0.0857	0.0464	0.0000
0.500	A	5.5379	5.5350	5.5270	5.5150	5.5008	5.4866	5.4744	5.4663	5.4634
	RHO	5.9581	5.9578	5.9567	5.9552	5.9536	5.9521	5.9509	5.9502	5.9500
	P	2.1343	2.1320	2.1254	2.1157	2.1042	2.0928	2.0832	2.0767	2.0745
	U	8.6651	8.6740	8.6994	8.7375	8.7824	8.8274	8.8656	8.8911	8.9001
	V	-1.3525	-1.3518	-1.3500	-1.3472	-1.3439	-1.3405	-1.3376	-1.3356	-1.3349
	W	0.0	0.0482	0.0891	0.1165	0.1263	0.1168	0.0895	0.0485	0.0000
0.600	A	5.5333	5.5305	5.5225	5.5105	5.4963	5.4821	5.4700	5.4619	5.4591
	RHO	5.9338	5.9335	5.9325	5.9311	5.9296	5.9282	5.9270	5.9263	5.9261
	P	2.1221	2.1198	2.1133	2.1037	2.0923	2.0810	2.0714	2.0651	2.0628
	U	8.6480	8.6569	8.6824	8.7206	8.7656	8.8107	8.8490	8.8746	8.8836
	V	-1.5520	-1.5513	-1.5491	-1.5459	-1.5421	-1.5382	-1.5349	-1.5326	-1.5318
	W	0.0	0.0500	0.0924	0.1209	0.1310	0.1212	0.0929	0.0503	0.0000
0.700	A	5.5282	5.5254	5.5174	5.5054	5.4913	5.4771	5.4650	5.4569	5.4541
	RHO	5.9064	5.9061	5.9052	5.9040	5.9026	5.9012	5.9002	5.8995	5.8992
	P	2.1084	2.1061	2.0997	2.0902	2.0789	2.0677	2.0583	2.0520	2.0497
	U	8.6291	8.6381	8.6636	8.7019	8.7471	8.7923	8.8307	8.8563	8.8654
	V	-1.7456	-1.7448	-1.7425	-1.7389	-1.7345	-1.7302	-1.7264	-1.7239	-1.7230
	W	0.0	0.0516	0.0954	0.1247	0.1352	0.1250	0.0958	0.0519	0.0000
0.800	A	5.5225	5.5197	5.5117	5.4998	5.4856	5.4715	5.4595	5.4514	5.4486
	RHO	5.8762	5.8759	5.8752	5.8741	5.8728	5.8715	5.8705	5.8699	5.8696
	P	2.0933	2.0911	2.0848	2.0753	2.0642	2.0532	2.0438	2.0375	2.0354
	U	8.6087	8.6177	8.6433	8.6817	8.7270	8.7724	8.8108	8.8366	8.8456
	V	-1.9340	-1.9331	-1.9305	-1.9265	-1.9218	-1.9169	-1.9128	-1.9100	-1.9090
	W	0.0	0.0530	0.0980	0.1282	0.1389	0.1284	0.0984	0.0533	0.0000
0.900	A	5.5163	5.5136	5.5056	5.4936	5.4795	5.4654	5.4534	5.4454	5.4426
	RHO	5.8434	5.8431	5.8425	5.8415	5.8403	5.8392	5.8383	5.8376	5.8374
	P	2.0769	2.0748	2.0685	2.0592	2.0483	2.0373	2.0281	2.0219	2.0198
	U	8.5869	8.5959	8.6216	8.6601	8.7056	8.7511	8.7896	8.8155	8.8245
	V	-2.1176	-2.1166	-2.1137	-2.1094	-2.1042	-2.0990	-2.0944	-2.0914	-2.0903
	W	0.0	0.0543	0.1004	0.1312	0.1422	0.1315	0.1007	0.0545	0.0000
1.000	A	5.5097	5.5069	5.4989	5.4870	5.4729	5.4589	5.4469	5.4390	5.4362
	RHO	5.8080	5.8078	5.8073	5.8064	5.8054	5.8044	5.8036	5.8030	5.8028
	P	2.0594	2.0572	2.0511	2.0419	2.0311	2.0203	2.0112	2.0051	2.0030
THS/THC		1.1495	1.1494	1.1490	1.1485	1.1478	1.1472	1.1466	1.1462	1.1461

M=15.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=11.0346

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.2383	8.2530	8.2948	8.3575	8.4314	8.5053	8.5678	8.6095	8.6241
	V	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
	W	0.0	0.1001	0.1851	0.2419	0.2618	0.2415	0.1845	0.0997	0.0000
0.0	A	5.6944	5.6900	5.6774	5.6585	5.6364	5.6142	5.5957	5.5833	5.5790
	RHO	6.0386	6.0151	5.9487	5.8507	5.7370	5.6256	5.5330	5.4721	5.4509
	P	2.2871	2.2747	2.2396	2.1881	2.1288	2.0712	2.0236	1.9925	1.9817
	U	8.2381	8.2788	8.3959	8.5755	8.7941	9.0207	9.2193	9.3556	9.4041
	V	-0.0643	-0.0642	-0.0638	-0.0633	-0.0626	-0.0619	-0.0613	-0.0608	-0.0607
	W	0.0	0.1283	0.2362	0.3069	0.3299	0.3026	0.2301	0.1240	0.0000
0.025	A	5.6944	5.6823	5.6471	5.5922	5.5236	5.4504	5.3842	5.3377	5.3209
	RHO	6.0384	6.0311	6.0124	5.9901	5.9734	5.9689	5.9761	5.9871	5.9922
	P	2.2870	2.2746	2.2395	2.1880	2.1288	2.0711	2.0235	1.9924	1.9816
	U	8.2378	8.2792	8.3984	8.5800	8.7998	9.0257	9.2223	9.3562	9.4038
	V	-0.1279	-0.1277	-0.1270	-0.1259	-0.1246	-0.1232	-0.1220	-0.1211	-0.1208
	W	0.0	0.1407	0.2598	0.3388	0.3660	0.3375	0.2579	0.1395	0.0000
0.050	A	5.6943	5.6819	5.6460	5.5902	5.5211	5.4481	5.3827	5.3372	5.3208
	RHO	6.0378	6.0312	6.0141	5.9936	5.9781	5.9732	5.9785	5.9874	5.9917
	P	2.2867	2.2743	2.2393	2.1878	2.1285	2.0709	2.0233	1.9922	1.9813
	U	8.2364	8.2786	8.3998	8.5836	8.8045	9.0297	9.2242	9.3560	9.4026
	V	-0.2533	-0.2528	-0.2514	-0.2492	-0.2466	-0.2438	-0.2413	-0.2395	-0.2388
	W	0.0	0.1584	0.2929	0.3833	0.4158	0.3852	0.2957	0.1604	0.0000
0.100	A	5.6938	5.6811	5.6444	5.5877	5.5181	5.4453	5.3809	5.3363	5.3204
	RHO	6.0355	6.0297	6.0145	5.9961	5.9819	5.9765	5.9798	5.9863	5.9895
	P	2.2855	2.2731	2.2381	2.1867	2.1275	2.0699	2.0223	1.9912	1.9803
	U	8.2309	8.2740	8.3972	8.5833	8.8053	9.0300	9.2226	9.3524	9.3981
	V	-0.4969	-0.4959	-0.4932	-0.4889	-0.4834	-0.4777	-0.4723	-0.4686	-0.4672
	W	0.0	0.1830	0.3391	0.4449	0.4841	0.4499	0.3462	0.1881	0.0000
0.200	A	5.6922	5.6791	5.6414	5.5837	5.5136	5.4411	5.3778	5.3344	5.3190
	RHO	6.0269	6.0220	6.0091	5.9934	5.9805	5.9747	5.9756	5.9794	5.9814
	P	2.2809	2.2686	2.2338	2.1826	2.1236	2.0661	2.0186	1.9874	1.9766
	U	8.2223	8.2658	8.3903	8.5776	8.8003	9.0249	9.2167	9.3456	9.3910
	V	-0.7314	-0.7300	-0.7259	-0.7194	-0.7112	-0.7024	-0.6943	-0.6886	-0.6865
	W	0.0	0.2010	0.3726	0.4892	0.5329	0.4956	0.3816	0.2074	0.0000
0.300	A	5.6896	5.6763	5.6381	5.5798	5.5094	5.4371	5.3745	5.3319	5.3167
	RHO	6.0133	6.0091	5.9979	5.9841	5.9724	5.9662	5.9656	5.9676	5.9688
	P	2.2737	2.2615	2.2270	2.1761	2.1175	2.0602	2.0127	1.9816	1.9708
	U	8.2108	8.2547	8.3799	8.5682	8.7915	9.0162	9.2078	9.3362	9.3814
	V	-0.9575	-0.9557	-0.9502	-0.9416	-0.9308	-0.9191	-0.9082	-0.9006	-0.8977
	W	0.0	0.2155	0.3995	0.5246	0.5715	0.5316	0.4093	0.2224	0.0000
0.400	A	5.6862	5.6728	5.6341	5.5754	5.5048	5.4329	5.3767	5.3287	5.3138
	RHO	5.9954	5.9917	5.9821	5.9698	5.9592	5.9528	5.9510	5.9518	5.9524
	P	2.2642	2.2522	2.2180	2.1676	2.1093	2.0523	2.0050	1.9740	1.9632
	U	8.1968	8.2409	8.3667	8.5558	8.7798	9.0048	9.1963	9.3246	9.3698
	V	-1.1758	-1.1735	-1.1668	-1.1562	-1.1427	-1.1281	-1.1147	-1.1052	-1.1017
	W	0.0	0.2277	0.4220	0.5542	0.6036	0.5612	0.4320	0.2347	0.0000
0.500	A	5.6821	5.6685	5.6295	5.5705	5.4999	5.4282	5.3666	5.3249	5.3103
	RHO	5.9736	5.9704	5.9621	5.9514	5.9416	5.9352	5.9326	5.9324	5.9326
	P	2.2527	2.2408	2.2070	2.1571	2.0993	2.0427	1.9957	1.9648	1.9540
	U	8.1805	8.2248	8.3512	8.5409	8.7655	8.9909	9.1826	9.3110	9.3561
	V	-1.3869	-1.3842	-1.3762	-1.3636	-1.3477	-1.3304	-1.3146	-1.3032	-1.2991
	W	0.0	0.2381	0.4414	0.5795	0.6309	0.5864	0.4512	0.2451	0.0000
0.600	A	5.6773	5.6636	5.6244	5.5652	5.4946	5.4231	5.3619	5.3207	5.3061
	RHO	5.9483	5.9456	5.9385	5.9292	5.9204	5.9141	5.9108	5.9098	5.9096
	P	2.2394	2.2276	2.1943	2.1450	2.0878	2.0316	1.9849	1.9542	1.9435
	U	8.1621	8.2086	8.3334	8.5238	8.7490	8.9749	9.1669	9.2955	9.3407
	V	-1.5914	-1.5882	-1.5790	-1.5645	-1.5463	-1.5264	-1.5082	-1.4953	-1.4906
	W	0.0	0.2473	0.4583	0.6016	0.6547	0.6082	0.4678	0.2540	0.0000
0.700	A	5.6718	5.6581	5.6187	5.5594	5.4888	5.4176	5.3568	5.3159	5.3015
	RHO	5.9198	5.9176	5.9117	5.9037	5.8959	5.8897	5.8860	5.8843	5.8838
	P	2.2244	2.2128	2.1799	2.1313	2.0747	2.0192	1.9728	1.9422	1.9316
	U	8.1419	8.1866	8.3138	8.5048	8.7306	8.9571	9.1456	9.2784	9.3237
	V	-1.7898	-1.7863	-1.7759	-1.7596	-1.7390	-1.7167	-1.6963	-1.6818	-1.6766
	W	0.0	0.2555	0.4733	0.6211	0.6756	0.6274	0.4823	0.2618	0.0000
0.800	A	5.6658	5.6520	5.6125	5.5532	5.4826	5.4117	5.3512	5.3106	5.2964
	RHO	5.8884	5.8867	5.8819	5.8752	5.8683	5.8625	5.8584	5.8561	5.8554
	P	2.2079	2.1965	2.1642	2.1162	2.0604	2.0054	1.9595	1.9291	1.9186
	U	8.1201	8.1649	8.2925	8.4840	8.7105	8.9376	9.1306	9.2595	9.3053
	V	-1.9827	-1.9788	-1.9672	-1.9492	-1.9264	-1.9018	-1.8793	-1.8634	-1.8576
	W	0.0	0.2628	0.4868	0.6384	0.6942	0.6443	0.4950	0.2686	0.0000
0.900	A	5.6592	5.6454	5.6058	5.5465	5.4760	5.4053	5.3452	5.3049	5.2908
	RHO	5.8543	5.8530	5.8493	5.8440	5.8381	5.8325	5.8282	5.8255	5.8245
	P	2.1900	2.1788	2.1471	2.0999	2.0448	1.9905	1.9450	1.9149	1.9044
	U	8.0968	8.1417	8.2698	8.4617	8.6889	8.9167	9.1103	9.2400	9.2855
	V	-2.1705	-2.1662	-2.1536	-2.1337	-2.1089	-2.0821	-2.0577	-2.0404	-2.0342
	W	0.0	0.2694	0.4989	0.6540	0.7108	0.6594	0.5064	0.2747	0.0000
1.000	A	5.6521	5.6382	5.5987	5.5393	5.4690	5.3986	5.3388	5.2988	5.2847
	RHO	5.8176	5.8167	5.8141	5.8101	5.8052	5.8000	5.7955	5.7924	5.7913
	P	2.1708	2.1598	2.1287	2.0823	2.0281	1.9745	1.9294	1.8996	1.8892
THS/THC		1.1570	1.1564	1.1547	1.1520	1.1488	1.1454	1.1424	1.1403	1.1396

M=15.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=11.0246

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.6096	7.6416	7.7328	7.8697	8.0319	8.1943	8.3316	8.4228	8.4546
	V	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.2177	0.4036	0.5297	0.5750	0.5310	0.4046	0.2177	0.0000
0.0	A	5.8667	5.8576	5.8317	5.7929	5.7473	5.7021	5.6643	5.6392	5.6306
	RHO	6.0593	6.0123	5.8802	5.6872	5.4670	5.2555	5.0835	4.9724	4.9342
	P	2.4360	2.4096	2.3358	2.2292	2.1093	1.9959	1.9051	1.8471	1.8272
	U	7.6095	7.6841	7.9011	8.2403	8.6663	9.1253	9.5433	9.8381	9.9445
	V	-0.0662	-0.0660	-0.0653	-0.0643	-0.0631	-0.0616	-0.0603	-0.0592	-0.0589
	W	0.0	0.2621	0.4817	0.6236	0.6658	0.6052	0.4564	0.2447	0.0000
0.025	A	5.8667	5.8461	5.7851	5.6869	5.5579	5.4104	5.2671	5.1604	5.1206
	RHO	6.0591	6.0359	5.9753	5.9011	5.8460	5.8375	5.8790	5.9380	5.9657
	P	2.4359	2.4095	2.3358	2.2292	2.1093	1.9959	1.9050	1.8470	1.8271
	U	7.6091	7.6865	7.9110	8.2589	8.6903	9.1475	9.5570	9.8420	9.9442
	V	-0.1316	-0.1311	-0.1298	-0.1278	-0.1253	-0.1226	-0.1200	-0.1180	-0.1173
	W	0.0	0.2839	0.5234	0.6814	0.7339	0.6749	0.5152	0.2787	0.0000
0.050	A	5.8666	5.8450	5.7814	5.6800	5.5485	5.4010	5.2609	5.1583	5.1205
	RHO	6.0585	6.0374	5.9822	5.9152	5.8656	5.8575	5.8924	5.9420	5.9651
	P	2.4355	2.4092	2.3356	2.2290	2.1092	1.9958	1.9049	1.8468	1.8269
	U	7.6075	7.6880	7.9202	8.2769	8.7134	9.1685	9.5656	9.8451	9.9431
	V	-0.2607	-0.2598	-0.2572	-0.2533	-0.2483	-0.2427	-0.2373	-0.2332	-0.2316
	W	0.0	0.3157	0.5840	0.7646	0.8304	0.7712	0.5943	0.3237	0.0000
0.100	A	5.8661	5.8434	5.7769	5.6718	5.5376	5.3905	5.2538	5.1559	5.1202
	RHO	6.0561	6.0375	5.9889	5.9301	5.8866	5.8764	5.9057	5.9449	5.9630
	P	2.4342	2.4080	2.3345	2.2282	2.1085	1.9951	1.9041	1.8459	1.8260
	U	7.6015	7.6850	7.9251	8.2906	8.7320	9.1850	9.5779	9.8447	9.9390
	V	-0.5119	-0.5102	-0.5053	-0.4975	-0.4875	-0.4759	-0.4643	-0.4555	-0.4521
	W	0.0	0.3616	0.6708	0.8826	0.9648	0.9021	0.6990	0.3820	0.0000
0.200	A	5.8644	5.8404	5.7704	5.6611	5.5242	5.3777	5.2452	5.1523	5.1188
	RHO	6.0471	6.0317	5.9916	5.9429	5.9064	5.8574	5.9155	5.9426	5.9552
	P	2.4291	2.4031	2.3303	2.2246	2.1054	1.9921	1.9010	1.8426	1.8226
	U	7.5920	7.6772	7.9216	8.2919	8.7361	9.1881	9.5772	9.8395	9.9325
	V	-0.7537	-0.7513	-0.7441	-0.7327	-0.7176	-0.7000	-0.6823	-0.6686	-0.6634
	W	0.0	0.3960	0.7356	0.9695	1.0619	0.9947	0.7715	0.4217	0.0000
0.300	A	5.8616	5.8368	5.7646	5.6528	5.5143	5.3684	5.2387	5.1488	5.1167
	RHO	6.0329	6.0199	5.9859	5.9445	5.9127	5.9030	5.9148	5.9341	5.9431
	P	2.4212	2.3955	2.3234	2.2187	2.1001	1.9871	1.8960	1.8375	1.8174
	U	7.5793	7.6657	7.9129	8.2865	8.7325	9.1843	9.5715	9.8321	9.9238
	V	-0.9867	-0.9836	-0.9743	-0.9593	-0.9393	-0.9157	-0.8920	-0.8737	-0.8667
	W	0.0	0.4242	0.7883	1.0397	1.1394	1.0674	0.8277	0.4521	0.0000
0.400	A	5.8580	5.8325	5.7587	5.6451	5.5057	5.3604	5.2327	5.1452	5.1140
	RHO	6.0142	6.0032	5.9744	5.9390	5.9110	5.9007	5.9076	5.9210	5.9274
	P	2.4107	2.3853	2.3142	2.2106	2.0929	1.9804	1.8894	1.8308	1.8107
	U	7.5639	7.6511	7.9004	8.2763	8.7239	9.1760	9.5624	9.8218	9.9131
	V	-1.2116	-1.2077	-1.1964	-1.1779	-1.1532	-1.1239	-1.0944	-1.0717	-1.0630
	W	0.0	0.4482	0.8331	1.0988	1.2040	1.1274	0.8735	0.4768	0.0000
0.500	A	5.8535	5.8275	5.7525	5.6375	5.4975	5.3529	5.2269	5.1411	5.1108
	RHO	5.9914	5.9822	5.9580	5.9279	5.9034	5.8926	5.8956	5.9042	5.9085
	P	2.3979	2.3730	2.3029	2.2006	2.0840	1.9722	1.8813	1.8228	1.8026
	U	7.5460	7.6338	7.8847	8.2624	8.7115	9.1642	9.5505	9.8095	9.9007
	V	-1.4288	-1.4243	-1.4109	-1.3850	-1.3596	-1.3250	-1.2900	-1.2632	-1.2530
	W	0.0	0.4692	0.8720	1.1499	1.2593	1.1781	0.9119	0.4973	0.0000
0.600	A	5.8484	5.8220	5.7460	5.6299	5.4895	5.3455	5.2210	5.1367	5.1070
	RHO	5.9649	5.9574	5.9375	5.9123	5.8910	5.8795	5.8795	5.8841	5.8867
	P	2.3830	2.3586	2.2897	2.1889	2.0736	1.9625	1.8720	1.8135	1.7933
	U	7.5259	7.6142	7.8663	8.2456	8.6961	9.1456	9.5362	9.7954	9.8865
	V	-1.6391	-1.6338	-1.6184	-1.5933	-1.5595	-1.5196	-1.4795	-1.4489	-1.4374
	W	0.0	0.4878	0.9063	1.1946	1.3074	1.2220	0.9448	0.5148	0.0000
0.700	A	5.8425	5.8158	5.7390	5.6222	5.4816	5.3382	5.2150	5.1320	5.1028
	RHO	5.9351	5.9291	5.9133	5.8928	5.8744	5.8632	5.8660	5.8612	5.8622
	P	2.3664	2.3424	2.2749	2.1756	2.0617	1.9516	1.8615	1.8031	1.7829
	U	7.5039	7.5926	7.8456	8.2263	8.6780	9.1327	9.5201	9.7797	9.8710
	V	-1.8429	-1.8370	-1.8195	-1.7911	-1.7531	-1.7083	-1.6635	-1.6293	-1.6165
	W	0.0	0.5044	0.9370	1.2344	1.3498	1.2603	0.9733	0.5299	0.0000
0.800	A	5.8360	5.8090	5.7316	5.6142	5.4735	5.3308	5.2087	5.1268	5.0981
	RHO	5.9022	5.8977	5.8857	5.8697	5.8542	5.8431	5.8374	5.8356	5.8354
	P	2.3480	2.3246	2.2585	2.1610	2.0486	1.9395	1.8459	1.7916	1.7715
	U	7.4802	7.5691	7.8230	8.2048	8.6579	9.1138	9.5022	9.7625	9.8540
	V	-2.0408	-2.0343	-2.0148	-1.9832	-1.9410	-1.8915	-1.8423	-1.8050	-1.7909
	W	0.0	0.5194	0.9645	1.2700	1.3876	1.2942	0.9984	0.5431	0.0000
0.900	A	5.8289	5.8017	5.7238	5.6060	5.4653	5.3233	5.2023	5.1214	5.0930
	RHO	5.8665	5.8634	5.8551	5.8433	5.8308	5.8199	5.8121	5.8076	5.8062
	P	2.3281	2.3053	2.2406	2.1450	2.0343	1.9263	1.8373	1.7792	1.7591
	U	7.4550	7.5441	7.7987	8.1815	8.6359	9.0932	9.4828	9.7440	9.8359
	V	-2.2334	-2.2261	-2.2047	-2.1699	-2.1236	-2.0658	-2.0165	-1.9762	-1.9611
	W	0.0	0.5331	0.9895	1.3021	1.4214	1.3244	1.0206	0.5548	0.0000
1.000	A	5.8213	5.7939	5.7156	5.5975	5.4569	5.3156	5.1955	5.1155	5.0874
	RHO	5.8280	5.8264	5.8216	5.8140	5.8043	5.7938	5.7841	5.7773	5.7749
	P	2.3068	2.2845	2.2214	2.1277	2.0189	1.9121	1.8237	1.7659	1.7458
THS/THC		1.1673	1.1663	1.1632	1.1582	1.1518	1.1448	1.1383	1.1338	1.1321

P=15.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=11.0346

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.9464	6.9982	7.1459	7.3691	7.6353	7.9034	8.1303	8.2803	8.3323
	V	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	W	0.0	0.3521	0.6556	0.8661	0.9470	0.8781	0.6677	0.3568	0.0000
0.0	A	6.0291	6.0150	5.9751	5.9151	5.8447	5.7752	5.7176	5.6800	5.6670
	RHO	6.0789	6.0086	5.8116	5.5260	5.2048	4.9025	4.6627	4.5114	4.4600
	P	2.5810	2.5393	2.4235	2.2584	2.0768	1.9099	1.7804	1.7001	1.6730
	U	6.9463	7.0492	7.3504	7.8274	8.4430	9.1366	9.7593	10.2814	10.4574
	V	-0.0682	-0.0679	-0.0669	-0.0654	-0.0637	-0.0617	-0.0596	-0.0578	-0.0570
	W	0.0	0.4026	0.7405	0.9574	1.0164	0.9136	0.6812	0.3633	0.0000
0.025	A	6.0290	6.0023	5.9231	5.7932	5.6159	5.3983	5.1673	4.9830	4.9120
	RHO	6.0787	6.0339	5.9142	5.7616	5.6382	5.6113	5.7087	5.8616	5.9360
	P	2.5809	2.5392	2.4235	2.2586	2.0770	1.9100	1.7804	1.7000	1.6729
	U	6.9458	7.0545	7.3711	7.8679	8.4984	9.1908	9.8339	10.2917	10.4571
	V	-0.1355	-0.1349	-0.1329	-0.1300	-0.1264	-0.1225	-0.1185	-0.1151	-0.1137
	W	0.0	0.4306	0.7940	1.0324	1.1081	1.0139	0.7723	0.4188	0.0000
0.050	A	6.0289	6.0005	5.9163	5.7795	5.5954	5.3759	5.1514	4.9777	4.9119
	RHO	6.0781	6.0369	5.9274	5.7892	5.6798	5.6583	5.7439	5.8735	5.9355
	P	2.5805	2.5389	2.4234	2.2586	2.0771	1.9100	1.7804	1.6998	1.6727
	U	6.9441	7.0589	7.3919	7.9090	8.5537	9.2435	9.8666	10.3009	10.4562
	V	-0.2686	-0.2673	-0.2636	-0.2580	-0.2509	-0.2429	-0.2345	-0.2272	-0.2243
	W	0.0	0.4729	0.8749	1.1454	1.2437	1.1563	0.8952	0.4908	0.0000
0.100	A	6.0284	5.9979	5.9080	5.7631	5.5719	5.3511	5.1341	4.9719	4.9116
	RHO	6.0757	6.0391	5.9422	5.8211	5.7273	5.7100	5.7809	5.8847	5.9334
	P	2.5790	2.5376	2.4226	2.2583	2.0769	1.9098	1.7798	1.6991	1.6719
	U	6.9374	7.0588	7.4089	7.9463	8.6038	9.2858	9.8934	10.3062	10.4524
	V	-0.5273	-0.5250	-0.5184	-0.5078	-0.4940	-0.4773	-0.4588	-0.4431	-0.4367
	W	0.0	0.5362	0.9956	1.3121	1.4388	1.3533	1.0576	0.5825	0.0000
0.200	A	6.0265	5.9935	5.8966	5.7424	5.5437	5.3225	5.1145	4.9648	4.9103
	RHO	6.0662	6.0359	5.9558	5.8564	5.7805	5.7659	5.8177	5.8917	5.9257
	P	2.5734	2.5326	2.4188	2.2557	2.0750	1.9079	1.7775	1.6963	1.6689
	U	6.9268	7.0519	7.4114	7.9597	8.6237	9.3076	9.9018	10.3044	10.4465
	V	-0.7763	-0.7731	-0.7637	-0.7486	-0.7282	-0.7026	-0.6740	-0.6496	-0.6397
	W	0.0	0.5851	1.0884	1.4385	1.5832	1.4940	1.1692	0.6438	0.0000
0.300	A	6.0236	5.9889	5.8873	5.7273	5.5244	5.3037	5.1017	4.9595	4.9084
	RHO	6.0514	6.0258	5.9583	5.8746	5.8104	5.7963	5.8343	5.8891	5.9142
	P	2.5646	2.5244	2.4122	2.2508	2.0713	1.9044	1.7737	1.6919	1.6643
	U	6.9128	7.0403	7.4061	7.9615	8.6297	9.3126	9.9015	10.2987	10.4385
	V	-1.0160	-1.0119	-0.9999	-0.9805	-0.9536	-0.9194	-0.8808	-0.8480	-0.8349
	W	0.0	0.6261	1.1655	1.5424	1.6998	1.6049	1.2551	0.6900	0.0000
0.400	A	6.0197	5.9836	5.8786	5.7145	5.5087	5.2888	5.0914	4.9546	4.9059
	RHO	6.0318	6.0103	5.9535	5.8829	5.8281	5.8136	5.8466	5.8808	5.8992
	P	2.5530	2.5135	2.4032	2.2439	2.0658	1.8994	1.7684	1.6862	1.6584
	U	6.8958	7.0250	7.3951	7.9555	8.6270	9.3057	9.8959	10.2901	10.4288
	V	-1.2469	-1.2420	-1.2275	-1.2038	-1.1708	-1.1281	-1.0799	-1.0394	-1.0233
	W	0.0	0.6616	1.2320	1.6310	1.7977	1.6963	1.3245	0.7270	0.0000
0.500	A	6.0149	5.9778	5.8701	5.7026	5.4950	5.2760	5.0824	4.9495	4.9029
	RHO	6.0078	5.9901	5.9430	5.8840	5.8372	5.8222	5.8398	5.8682	5.8812
	P	2.5388	2.5002	2.3919	2.2350	2.0587	1.8930	1.7619	1.6794	1.6514
	U	6.8761	7.0065	7.3798	7.9440	8.6180	9.3013	9.8864	10.2793	10.4174
	V	-1.4698	-1.4641	-1.4471	-1.4192	-1.3800	-1.3293	-1.2723	-1.2245	-1.2055
	W	0.0	0.6929	1.2904	1.7083	1.8820	1.7738	1.3825	0.7575	0.0000
0.600	A	6.0093	5.9714	5.8614	5.6914	5.4824	5.2645	5.0741	4.9450	4.8995
	RHO	5.9801	5.9658	5.9276	5.8794	5.8398	5.8243	5.8336	5.8520	5.8606
	P	2.5224	2.4847	2.3787	2.2245	2.0502	1.8854	1.7543	1.6714	1.6433
	U	6.8541	6.9854	7.3611	7.9281	8.6045	9.2887	9.8739	10.2665	10.4045
	V	-1.6852	-1.6786	-1.6591	-1.6271	-1.5820	-1.5237	-1.4582	-1.4038	-1.3823
	W	0.0	0.7209	1.3425	1.7766	1.9557	1.8405	1.4318	0.7832	0.0000
0.700	A	6.0030	5.9643	5.8525	5.6805	5.4706	5.2538	5.0662	4.9400	4.8956
	RHO	5.9489	5.9378	5.9081	5.8699	5.8370	5.8210	5.8231	5.8327	5.8376
	P	2.5040	2.4672	2.3637	2.2124	2.0404	1.8767	1.7457	1.6626	1.6342
	U	6.8300	6.9620	7.3395	7.9087	8.5872	9.2729	9.8590	10.2520	10.3902
	V	-1.8938	-1.8863	-1.8643	-1.8281	-1.7772	-1.7116	-1.6385	-1.5779	-1.5542
	W	0.0	0.7463	1.3894	1.8377	2.0209	1.8988	1.4743	0.8052	0.0000
0.800	A	5.9961	5.9568	5.8434	5.6698	5.4593	5.2436	5.0585	4.9347	4.8914
	RHO	5.9145	5.9065	5.8848	5.8561	5.8296	5.8132	5.8088	5.8108	5.8123
	P	2.4838	2.4480	2.3471	2.1989	2.0294	1.8670	1.7362	1.6528	1.6243
	U	6.8042	6.9367	7.3155	7.8865	8.5670	9.2545	9.8420	10.2361	10.3746
	V	-2.0960	-2.0877	-2.0630	-2.0226	-1.9661	-1.8935	-1.8134	-1.7475	-1.7216
	W	0.0	0.7694	1.4319	1.8927	2.0790	1.9502	1.5114	0.8243	0.0000
0.900	A	5.9885	5.9486	5.8340	5.6592	5.4483	5.2339	5.0510	4.9293	4.8868
	RHO	5.8771	5.8721	5.8581	5.8385	5.8181	5.8016	5.7913	5.7864	5.7849
	P	2.4618	2.4271	2.3289	2.1840	2.0173	1.8563	1.7258	1.6422	1.6136
	U	6.7768	6.9096	7.2894	7.8619	8.5443	9.2339	9.8233	10.2189	10.3580
	V	-2.2926	-2.2833	-2.2559	-2.2113	-2.1491	-2.0701	-1.9835	-1.9127	-1.8851
	W	0.0	0.7906	1.4708	1.9427	2.1313	1.9960	1.5441	0.8410	0.0000
1.000	A	5.9803	5.9400	5.8243	5.6485	5.4376	5.2243	5.0435	4.9236	4.8818
	RHO	5.8370	5.8348	5.8282	5.8173	5.8029	5.7865	5.7709	5.7596	5.7555
	P	2.4383	2.4047	2.3093	2.1679	2.0041	1.8447	1.7146	1.6309	1.6021
THS/THC		1.1793	1.1779	1.1737	1.1667	1.1572	1.1462	1.1357	1.1281	1.1253

M=15.0, THC=47.5, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)=11.0346

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.2427	6.3165	6.5278	6.8491	7.2358	7.6257	7.9653	8.1857	8.2612
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	0.0000	-0.0000
	W	0.0	0.5026	0.9399	1.2519	1.3839	1.2957	0.9858	0.5213	0.0000
0.0	A	6.1811	6.1620	6.1074	6.0253	5.9283	5.8328	5.7548	5.7049	5.6878
	RHO	6.0981	6.0046	5.7433	5.3673	4.9489	4.5629	4.2659	4.0840	4.0232
	P	2.7213	2.6631	2.5023	2.2760	2.0316	1.8132	1.6501	1.5525	1.5202
	U	6.2425	6.3693	6.7408	7.3324	8.1085	9.0279	9.9699	10.6813	10.9428
	V	-0.0704	-0.0700	-0.0687	-0.0668	-0.0645	-0.0621	-0.0593	-0.0564	-0.0552
	W	0.0	0.5515	1.0168	1.3185	1.3977	1.2354	0.9068	0.4804	0.0000
0.025	A	6.1811	6.1501	6.0582	5.9070	5.6973	5.4232	5.0950	4.8092	4.6958
	RHO	6.0979	6.0278	5.8377	5.5855	5.3596	5.2790	5.4426	5.7469	5.9023
	P	2.7212	2.6631	2.5026	2.2765	2.0321	1.8135	1.6502	1.5525	1.5202
	U	6.2420	6.3777	6.7741	7.4003	8.2090	9.1347	10.0403	10.7026	10.9426
	V	-0.1400	-0.1391	-0.1365	-0.1325	-0.1277	-0.1229	-0.1177	-0.1125	-0.1101
	W	0.0	0.5824	1.0752	1.3995	1.4981	1.3590	1.0290	0.5604	0.0000
0.050	A	6.1809	6.1476	6.0486	5.8863	5.6633	5.3808	5.0621	4.7981	4.6957
	RHO	6.0972	6.0322	5.8565	5.6260	5.4254	5.3633	5.5136	5.7730	5.9018
	P	2.7208	2.6628	2.5027	2.2769	2.0325	1.8138	1.6503	1.5524	1.5200
	U	6.2400	6.3857	6.8094	7.4721	8.3116	9.2390	10.1069	10.7218	10.9417
	V	-0.2773	-0.2756	-0.2708	-0.2633	-0.2542	-0.2443	-0.2331	-0.2219	-0.2169
	W	0.0	0.6312	1.1685	1.5299	1.6586	1.5394	1.1970	0.6630	0.0000
0.100	A	6.1804	6.1440	6.0363	5.8608	5.6234	5.3339	5.0272	4.7863	4.6954
	RHO	6.0946	6.0363	5.8794	5.6758	5.5042	5.4590	5.5899	5.7993	5.8997
	P	2.7192	2.6616	2.5023	2.2772	2.0331	1.8141	1.6501	1.5518	1.5192
	U	6.2324	6.3891	6.8422	7.5422	8.4095	9.3339	10.1643	10.7361	10.9383
	V	-0.5439	-0.5410	-0.5326	-0.5195	-0.5027	-0.4822	-0.4569	-0.4320	-0.4211
	W	0.0	0.7075	1.3144	1.7334	1.9037	1.7955	1.4207	0.7913	0.0000
0.200	A	6.1764	6.1381	6.0194	5.8201	5.5752	5.2807	4.9852	4.7733	4.6942
	RHO	6.0847	6.0359	5.9051	5.7372	5.5999	5.5688	5.6709	5.8224	5.8923
	P	2.7130	2.6563	2.4992	2.2762	2.0331	1.8138	1.6488	1.5495	1.5166
	U	6.2206	6.3835	6.8532	7.5733	8.4544	9.3758	10.1871	10.7387	10.9328
	V	-0.8000	-0.7960	-0.7846	-0.7667	-0.7428	-0.7115	-0.6713	-0.6323	-0.6157
	W	0.0	0.7688	1.4310	1.8942	2.0923	1.9855	1.5743	0.8754	0.0000
0.300	A	6.1752	6.1323	6.0061	5.8046	5.5426	5.2467	4.9658	4.7647	4.6924
	RHO	6.0690	6.0277	5.9172	5.7759	5.6617	5.6362	5.7157	5.8298	5.8812
	P	2.7032	2.6476	2.4932	2.2731	2.0315	1.8123	1.6463	1.5459	1.5126
	U	6.2049	6.3721	6.8526	7.5858	8.4753	9.3948	10.1952	10.7357	10.9256
	V	-1.0460	-1.0411	-1.0270	-1.0046	-0.9738	-0.9317	-0.8769	-0.8245	-0.8024
	W	0.0	0.8212	1.5303	2.0297	2.2477	2.1406	1.6919	0.9380	0.0000
0.400	A	6.1710	6.1260	5.9940	5.7849	5.5168	5.2210	4.9483	4.7578	4.6901
	RHO	6.0484	6.0137	5.9209	5.8022	5.7062	5.6832	5.7433	5.8289	5.8670
	P	2.6903	2.6360	2.4848	2.2680	2.0285	1.8095	1.6426	1.5412	1.5075
	U	6.1860	6.3561	6.8443	7.5864	8.4818	9.4005	10.1947	10.7292	10.9167
	V	-1.2826	-1.2768	-1.2600	-1.2333	-1.1959	-1.1433	-1.0745	-1.0096	-0.9825
	W	0.0	0.8674	1.6174	2.1473	2.3800	2.2658	1.7865	0.9873	0.0000
0.500	A	6.1658	6.1191	5.9825	5.7674	5.4949	5.1999	4.9340	4.7517	4.6874
	RHO	6.0233	5.9947	5.9180	5.8196	5.7393	5.7172	5.7601	5.8225	5.8500
	P	2.6747	2.6218	2.4740	2.2611	2.0241	1.8056	1.6379	1.5355	1.5014
	U	6.1643	6.3365	6.8301	7.5786	8.4783	9.3573	10.1885	10.7158	10.9063
	V	-1.5105	-1.5038	-1.4844	-1.4534	-1.4094	-1.3466	-1.2647	-1.1883	-1.1567
	W	0.0	0.9088	1.6951	2.2511	2.4948	2.3720	1.8650	1.0276	0.0000
0.600	A	6.1599	6.1117	5.9711	5.7512	5.4755	5.1818	4.9218	4.7459	4.6843
	RHO	5.9941	5.9713	5.9098	5.8301	5.7636	5.7418	5.7692	5.8118	5.8307
	P	2.6566	2.6052	2.4612	2.2525	2.0184	1.8008	1.6324	1.5290	1.4944
	U	6.1401	6.3137	6.8112	7.5645	8.4678	9.3878	10.1781	10.7084	10.8945
	V	-1.7303	-1.7227	-1.7006	-1.6652	-1.6146	-1.5422	-1.4482	-1.3614	-1.3257
	W	0.0	0.9463	1.7651	2.3439	2.5960	2.4636	1.9313	1.0612	0.0000
0.700	A	6.1531	6.1037	5.9599	5.7360	5.4580	5.1657	4.9108	4.7403	4.6809
	RHO	5.9615	5.9440	5.8967	5.8347	5.7810	5.7590	5.7723	5.7977	5.8092
	P	2.6364	2.5865	2.4465	2.2423	2.0116	1.7950	1.6260	1.5217	1.4867
	U	6.1137	6.2884	6.7887	7.5455	8.4517	9.3734	10.1645	10.6952	10.8814
	V	-1.9428	-1.9341	-1.9092	-1.8693	-1.8122	-1.7305	-1.6255	-1.5294	-1.4900
	W	0.0	0.9806	1.8288	2.4276	2.6859	2.5436	1.9881	1.0897	0.0000
0.800	A	6.1457	6.0951	5.9485	5.7215	5.4419	5.1512	4.9008	4.7347	4.6771
	RHO	5.9255	5.9132	5.8795	5.8342	5.7926	5.7702	5.7706	5.7806	5.7856
	P	2.6141	2.5660	2.4301	2.2308	2.0037	1.7884	1.6189	1.5136	1.4783
	U	6.0855	6.2610	6.7631	7.5225	8.4314	9.3554	10.1483	10.6804	10.8672
	V	-2.1484	-2.1388	-2.1109	-2.0663	-2.0026	-1.9120	-1.7970	-1.6927	-1.6501
	W	0.0	1.0121	1.8871	2.5036	2.7666	2.6141	2.0375	1.1141	0.0000
0.900	A	6.1376	6.0861	5.9371	5.7074	5.4267	5.1379	4.8915	4.7291	4.6729
	RHO	5.8866	5.8792	5.8585	5.8293	5.7991	5.7764	5.7649	5.7609	5.7601
	P	2.5901	2.5436	2.4121	2.2180	1.9948	1.7811	1.6111	1.5049	1.4691
	U	6.0558	6.2316	6.7351	7.4964	8.4077	9.3344	10.1302	10.6643	10.8519
	V	-2.3479	-2.3372	-2.3061	-2.2566	-2.1863	-2.0874	-1.9633	-1.8517	-1.8064
	W	0.0	1.0411	1.9408	2.5730	2.8393	2.6767	2.0806	1.1353	0.0000
1.000	A	6.1289	6.0765	5.9254	5.6937	5.4124	5.1254	4.8826	4.7235	4.6685
	RHO	5.8448	5.8421	5.8340	5.8202	5.8011	5.7782	5.7556	5.7389	5.7327
	P	2.5644	2.5196	2.3926	2.2039	1.9849	1.7730	1.6027	1.4956	1.4594
THS/THC		1.1935	1.1918	1.1868	1.1781	1.1656	1.1503	1.1349	1.1234	1.1191

M=20.0, THC=47.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0
	U	11.8130
	V	-0.0000
	W	0.0
-0.000	A	7.2863
	RHO	6.0996
	P	2.1277
	U	11.8129
	V	-0.0817
	W	0.0
0.025	A	7.2863
	RHO	6.0995
	P	2.1276
	U	11.8125
	V	-0.1626
	W	0.0
0.050	A	7.2861
	RHO	6.0989
	P	2.1273
	U	11.8108
	V	-0.3218
	W	0.0
0.100	A	7.2856
	RHO	6.0967
	P	2.1262
	U	11.8044
	V	-0.6309
	W	0.0
0.200	A	7.2836
	RHO	6.0884
	P	2.1222
	U	11.7944
	V	-0.9283
	W	0.0
0.300	A	7.2805
	RHO	6.0754
	P	2.1158
	U	11.7809
	V	-1.2153
	W	0.0
0.400	A	7.2764
	RHO	6.0582
	P	2.1075
	U	11.7646
	V	-1.4926
	W	0.0
0.500	A	7.2714
	RHO	6.0375
	P	2.0974
	U	11.7453
	V	-1.7611
	W	0.0
0.600	A	7.2656
	RHO	6.0134
	P	2.0857
	U	11.7237
	V	-2.0216
	W	0.0
0.700	A	7.2590
	RHO	5.9863
	P	2.0725
	U	11.6999
	V	-2.2746
	W	0.0
0.800	A	7.2517
	RHO	5.9563
	P	2.0580
	U	11.6740
	V	-2.5209
	W	0.0
0.900	A	7.2438
	RHO	5.9237
	P	2.0422
	U	11.6463
	V	-2.7612
	W	0.0
1.000	A	7.2352
	RHO	5.8886
	P	2.0253
THS/THC		1.1450

M=20.0, THC=47.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	11.6572	11.6608	11.6709	11.6862	11.7043	11.7223	11.7375	11.7477	11.7513
	V	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.0244	0.0451	0.0589	0.0638	0.0589	0.0451	0.0244	0.0000
0.0	A	7.3363	7.3352	7.3319	7.3270	7.3213	7.3156	7.3107	7.3074	7.3063
	RHO	6.1031	6.0983	6.0848	6.0646	6.0408	6.0170	5.9970	5.9837	5.9790
	P	2.1582	2.1558	2.1491	2.1391	2.1274	2.1157	2.1059	2.0993	2.0970
	U	11.6570	11.6687	11.7018	11.7515	11.8107	11.8703	11.9211	11.9553	11.9673
	V	-0.0823	-0.0823	-0.0821	-0.0819	-0.0818	-0.0816	-0.0814	-0.0813	-0.0813
	W	0.0	0.0333	0.0615	0.0803	0.0868	0.0801	0.0613	0.0331	0.0000
0.025	A	7.3363	7.3326	7.3220	7.3060	7.2869	7.2675	7.2509	7.2397	7.2357
	RHO	6.1029	6.1024	6.1011	6.0993	6.0977	6.0966	6.0960	6.0959	6.0959
	P	2.1581	2.1557	2.1490	2.1390	2.1273	2.1156	2.1058	2.0992	2.0969
	U	11.6567	11.6682	11.7015	11.7514	11.8106	11.8702	11.9209	11.9549	11.9669
	V	-0.1636	-0.1635	-0.1633	-0.1630	-0.1626	-0.1622	-0.1620	-0.1618	-0.1617
	W	0.0	0.0370	0.0684	0.0893	0.0966	0.0893	0.0683	0.0370	0.0000
0.050	A	7.3362	7.3324	7.3218	7.3058	7.2866	7.2673	7.2507	7.2395	7.2356
	RHO	6.1024	6.1019	6.1006	6.0989	6.0973	6.0962	6.0956	6.0954	6.0953
	P	2.1578	2.1555	2.1488	2.1388	2.1270	2.1153	2.1055	2.0989	2.0966
	U	11.6550	11.6667	11.7000	11.7500	11.8093	11.8687	11.9194	11.9533	11.9653
	V	-0.3238	-0.3237	-0.3232	-0.3227	-0.3219	-0.3211	-0.3205	-0.3201	-0.3199
	W	0.0	0.0421	0.0778	0.1017	0.1101	0.1018	0.0780	0.0422	0.0000
0.100	A	7.3357	7.3319	7.3212	7.3051	7.2859	7.2666	7.2501	7.2390	7.2351
	RHO	6.1001	6.0997	6.0985	6.0969	6.0954	6.0942	6.0936	6.0932	6.0931
	P	2.1567	2.1544	2.1477	2.1377	2.1260	2.1143	2.1044	2.0979	2.0956
	U	11.6485	11.6602	11.6938	11.7439	11.8033	11.8628	11.9133	11.9471	11.9591
	V	-0.6349	-0.6346	-0.6338	-0.6325	-0.6310	-0.6294	-0.6281	-0.6272	-0.6269
	W	0.0	0.0490	0.0907	0.1186	0.1285	0.1189	0.0911	0.0494	0.0000
0.200	A	7.3336	7.3299	7.3191	7.3030	7.2838	7.2645	7.2480	7.2370	7.2331
	RHO	6.0918	6.0914	6.0903	6.0888	6.0874	6.0862	6.0854	6.0850	6.0849
	P	2.1526	2.1502	2.1436	2.1336	2.1219	2.1103	2.1004	2.0939	2.0916
	U	11.6382	11.6501	11.6836	11.7339	11.7933	11.8529	11.9035	11.9373	11.9492
	V	-0.9344	-0.9340	-0.9327	-0.9308	-0.9284	-0.9261	-0.9241	-0.9228	-0.9223
	W	0.0	0.0540	0.0999	0.1307	0.1417	0.1311	0.1004	0.0544	0.0000
0.300	A	7.3305	7.3267	7.3159	7.2998	7.2806	7.2613	7.2449	7.2339	7.2300
	RHO	6.0787	6.0783	6.0773	6.0760	6.0745	6.0734	6.0726	6.0721	6.0720
	P	2.1461	2.1438	2.1371	2.1272	2.1156	2.1040	2.0942	2.0877	2.0854
	U	11.6245	11.6364	11.6701	11.7205	11.7800	11.8396	11.8902	11.9241	11.9360
	V	-1.2234	-1.2227	-1.2210	-1.2185	-1.2154	-1.2123	-1.2096	-1.2079	-1.2072
	W	0.0	0.0580	0.1072	0.1403	0.1521	0.1407	0.1078	0.0584	0.0000
0.400	A	7.3263	7.3225	7.3117	7.2956	7.2764	7.2572	7.2408	7.2299	7.2260
	RHO	6.0614	6.0611	6.0602	6.0590	6.0576	6.0565	6.0556	6.0552	6.0551
	P	2.1376	2.1353	2.1287	2.1188	2.1073	2.0957	2.0860	2.0795	2.0773
	U	11.6078	11.6196	11.6534	11.7039	11.7636	11.8233	11.8740	11.9080	11.9199
	V	-1.5026	-1.5018	-1.4997	-1.4966	-1.4928	-1.4889	-1.4856	-1.4834	-1.4826
	W	0.0	0.0613	0.1133	0.1482	0.1607	0.1487	0.1139	0.0617	0.0000
0.500	A	7.3212	7.3174	7.3067	7.2905	7.2714	7.2522	7.2358	7.2249	7.2211
	RHO	6.0405	6.0402	6.0394	6.0382	6.0370	6.0359	6.0351	6.0346	6.0344
	P	2.1272	2.1249	2.1184	2.1086	2.0972	2.0857	2.0761	2.0696	2.0674
	U	11.5882	11.6001	11.6340	11.6846	11.7445	11.8043	11.8551	11.8891	11.9011
	V	-1.7729	-1.7721	-1.7696	-1.7658	-1.7613	-1.7567	-1.7529	-1.7501	-1.7492
	W	0.0	0.0641	0.1185	0.1550	0.1680	0.1555	0.1191	0.0645	0.0000
0.600	A	7.3153	7.3115	7.3008	7.2846	7.2655	7.2463	7.2301	7.2192	7.2153
	RHO	6.0161	6.0158	6.0151	6.0141	6.0130	6.0120	6.0112	6.0107	6.0106
	P	2.1153	2.1130	2.1065	2.0968	2.0855	2.0741	2.0646	2.0582	2.0559
	U	11.5662	11.5781	11.6121	11.6628	11.7228	11.7829	11.8338	11.8679	11.8797
	V	-2.0351	-2.0341	-2.0313	-2.0270	-2.0218	-2.0165	-2.0120	-2.0089	-2.0078
	W	0.0	0.0666	0.1231	0.1610	0.1744	0.1614	0.1236	0.0670	0.0000
0.700	A	7.3086	7.3049	7.2941	7.2780	7.2589	7.2398	7.2236	7.2127	7.2089
	RHO	5.9887	5.9885	5.9879	5.9870	5.9860	5.9850	5.9843	5.9838	5.9837
	P	2.1018	2.0995	2.0931	2.0836	2.0723	2.0611	2.0516	2.0453	2.0431
	U	11.5420	11.5539	11.5879	11.6388	11.6990	11.7592	11.8102	11.8444	11.8563
	V	-2.2899	-2.2888	-2.2855	-2.2807	-2.2749	-2.2689	-2.2639	-2.2604	-2.2592
	W	0.0	0.0687	0.1271	0.1662	0.1801	0.1666	0.1276	0.0691	0.0000
0.800	A	7.3013	7.2975	7.2867	7.2706	7.2516	7.2325	7.2164	7.2055	7.2017
	RHO	5.9585	5.9583	5.9577	5.9570	5.9561	5.9553	5.9546	5.9542	5.9541
	P	2.0869	2.0847	2.0784	2.0689	2.0578	2.0467	2.0374	2.0311	2.0289
	U	11.5156	11.5276	11.5617	11.6128	11.6731	11.7334	11.7846	11.8189	11.8309
	V	-2.5378	-2.5366	-2.5330	-2.5277	-2.5212	-2.5147	-2.5090	-2.5052	-2.5039
	W	0.0	0.0706	0.1306	0.1708	0.1851	0.1712	0.1311	0.0710	0.0000
0.900	A	7.2932	7.2894	7.2787	7.2626	7.2436	7.2246	7.2085	7.1977	7.1939
	RHO	5.9256	5.9254	5.9250	5.9244	5.9236	5.9229	5.9223	5.9220	5.9218
	P	2.0708	2.0686	2.0624	2.0531	2.0421	2.0312	2.0219	2.0157	2.0136
	U	11.4875	11.4995	11.5337	11.5849	11.6454	11.7059	11.7572	11.7916	11.8036
	V	-2.7795	-2.7782	-2.7743	-2.7684	-2.7614	-2.7543	-2.7481	-2.7439	-2.7425
	W	0.0	0.0724	0.1338	0.1750	0.1896	0.1753	0.1343	0.0727	0.0000
1.000	A	7.2844	7.2806	7.2699	7.2539	7.2350	7.2160	7.2000	7.1892	7.1854
	RHO	5.8901	5.8900	5.8897	5.8892	5.8886	5.8880	5.8875	5.8872	5.8871
	P	2.0535	2.0513	2.0452	2.0360	2.0252	2.0144	2.0053	1.9992	1.9970
THS/THC		1.1467	1.1466	1.1462	1.1457	1.1450	1.1444	1.1438	1.1434	1.1433

M=20.0, THC=47.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	11.0180	11.0373	11.0923	11.1746	11.2717	11.3688	11.4509	11.5057	11.5248
	V	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1315	0.2431	0.3178	0.3439	0.3173	0.2424	0.1309	0.0000
0.0	A	7.5313	7.5255	7.5087	7.4837	7.4543	7.4250	7.4002	7.3838	7.3780
	RHO	6.1166	6.0928	6.0253	5.9256	5.8100	5.6967	5.6026	5.5406	5.5190
	P	2.2795	2.2671	2.2320	2.1804	2.1211	2.0635	2.0159	1.9847	1.9739
	U	11.0178	11.0719	11.2278	11.4668	11.7578	12.0564	12.3237	12.505C	12.5695
	V	-0.0842	-0.0840	-0.0835	-0.0828	-0.0819	-0.0809	-0.0801	-0.0795	-0.0792
	W	0.0	0.1693	0.3117	0.4050	0.4353	0.3991	0.3034	0.1635	0.0000
0.025	A	7.5313	7.5150	7.4677	7.3938	7.3015	7.2029	7.1138	7.0511	7.0285
	RHO	6.1165	6.1094	6.0914	6.0704	6.0555	6.0533	6.0627	6.0755	6.0813
	P	2.2794	2.2670	2.2319	2.1804	2.1211	2.0634	2.0158	1.9846	1.9738
	U	11.0173	11.0725	11.2310	11.4729	11.7653	12.066C	12.3276	12.5059	12.5691
	V	-0.1674	-0.1670	-0.1661	-0.1647	-0.1629	-0.161C	-0.1593	-0.1582	-0.1578
	W	0.0	0.1860	0.3433	0.4477	0.4835	0.4458	0.3407	0.1843	0.0000
0.050	A	7.5311	7.5145	7.4662	7.3912	7.2982	7.1998	7.1118	7.0505	7.0284
	RHO	6.1159	6.1095	6.0932	6.0740	6.0603	6.0577	6.0653	6.0758	6.0807
	P	2.2791	2.2667	2.2316	2.1801	2.1208	2.0632	2.0155	1.9844	1.9736
	U	11.0155	11.0718	11.2330	11.4777	11.7717	12.0714	12.3303	12.5056	12.5676
	V	-0.3316	-0.3309	-0.3290	-0.3261	-0.3226	-0.3188	-0.3154	-0.3130	-0.3121
	W	0.0	0.2097	0.3877	0.5074	0.5504	0.5058	0.3913	0.2122	0.0000
0.1C0	A	7.5306	7.5135	7.4641	7.3878	7.2941	7.1961	7.1093	7.0494	7.0279
	RHO	6.1136	6.1080	6.0936	6.0766	6.0643	6.0611	6.0666	6.0748	6.0786
	P	2.2779	2.2655	2.2305	2.1791	2.1199	2.0622	2.0146	1.9834	1.9726
	U	11.0085	11.0659	11.2299	11.4775	11.7729	12.0719	12.3283	12.5010	12.5619
	V	-0.6507	-0.6495	-0.6458	-0.6399	-0.6326	-0.6248	-0.6176	-0.6126	-0.6107
	W	0.0	0.2428	0.4497	0.5900	0.6420	0.5866	0.4591	0.2494	0.0000
0.200	A	7.5285	7.5109	7.4602	7.3825	7.2882	7.1906	7.1052	7.0468	7.0260
	RHO	6.1050	6.1004	6.0884	6.0741	6.0633	6.0596	6.0626	6.0680	6.0705
	P	2.2734	2.2611	2.2263	2.1751	2.1160	2.0585	2.0109	1.9798	1.9689
	U	10.9974	11.0554	11.2210	11.4703	11.7667	12.0656	12.3208	12.4923	12.5527
	V	-0.9583	-0.9564	-0.9508	-0.9421	-0.9311	-0.9192	-0.9083	-0.9005	-0.8977
	W	0.0	0.2670	0.4948	0.6496	0.7075	0.6580	0.5066	0.2754	0.0000
0.300	A	7.5251	7.5072	7.4557	7.3773	7.2826	7.1853	7.1CC9	7.0435	7.0232
	RHO	6.0915	6.0876	6.0774	6.0650	6.0553	6.0513	6.0527	6.0562	6.0580
	P	2.2664	2.2542	2.2196	2.1687	2.1100	2.0527	2.0052	1.9741	1.9633
	U	10.9827	11.0411	11.2078	11.4583	11.7555	12.0546	12.3095	12.4804	12.5405
	V	-1.2551	-1.2526	-1.2452	-1.2336	-1.2190	-1.2031	-1.1885	-1.1782	-1.1744
	W	0.0	0.2864	0.5310	0.6973	0.7595	0.7064	0.5439	0.2956	0.0000
0.400	A	7.5207	7.5026	7.4506	7.3716	7.2766	7.1757	7.0961	7.0394	7.0193
	RHO	6.0737	6.0703	6.0616	6.0509	6.0422	6.038C	6.0382	6.0405	6.0417
	P	2.2571	2.2450	2.2108	2.1603	2.1020	2.0450	1.9977	1.9666	1.9558
	U	10.9646	11.0233	11.1908	11.4424	11.7405	12.0359	12.2947	12.4655	12.5256
	V	-1.5419	-1.5387	-1.5296	-1.5152	-1.4971	-1.4774	-1.4593	-1.4465	-1.4418
	W	0.0	0.3028	0.5613	0.7371	0.8027	0.7464	0.5745	0.3121	0.0000
0.500	A	7.5153	7.4970	7.4446	7.3652	7.2701	7.1736	7.0906	7.0345	7.0147
	RHO	6.0519	6.0491	6.0417	6.0325	6.0248	6.0205	6.0199	6.0211	6.0218
	P	2.2458	2.2338	2.2000	2.1501	2.0922	2.0356	1.9885	1.9576	1.9468
	U	10.9436	11.0026	11.1708	11.4232	11.7221	12.0220	12.2772	12.4480	12.5080
	V	-1.8194	-1.8157	-1.8049	-1.7879	-1.7662	-1.7429	-1.7215	-1.7063	-1.7008
	W	0.0	0.3170	0.5875	0.7713	0.8397	0.7804	0.6005	0.3261	0.0000
0.600	A	7.5090	7.4906	7.4379	7.3583	7.2632	7.1669	7.0845	7.0290	7.0094
	RHO	6.0267	6.0243	6.0182	6.0104	6.0036	5.9955	5.9582	5.9985	5.9988
	P	2.2327	2.2209	2.1875	2.1381	2.0809	2.0247	1.9779	1.9472	1.9365
	U	10.9199	10.9791	11.1479	11.4012	11.7009	12.0015	12.2570	12.4281	12.4883
	V	-2.0884	-2.0841	-2.0717	-2.0520	-2.0272	-2.0004	-1.9758	-1.9583	-1.9520
	W	0.0	0.3294	0.6104	0.8011	0.8718	0.8059	0.6229	0.3382	0.0000
0.700	A	7.5019	7.4834	7.4305	7.3507	7.2556	7.1557	7.0778	7.0227	7.0033
	RHO	5.9982	5.9963	5.9914	5.9850	5.9792	5.9752	5.9734	5.9730	5.9730
	P	2.2179	2.2063	2.1734	2.1247	2.0681	2.0124	1.9660	1.9355	1.9248
	U	10.8938	10.9533	11.1226	11.3767	11.6772	11.9786	12.2347	12.4061	12.4664
	V	-2.3496	-2.3448	-2.3307	-2.3086	-2.2807	-2.2505	-2.2229	-2.2033	-2.1963
	W	0.0	0.3404	0.6307	0.8274	0.9001	0.8358	0.6424	0.3487	0.0000
0.800	A	7.4941	7.4755	7.4224	7.3425	7.2475	7.1519	7.0705	7.0159	6.9966
	RHO	5.9667	5.9654	5.9616	5.9566	5.9517	5.9480	5.9458	5.9449	5.9446
	P	2.2017	2.1902	2.1579	2.1099	2.0540	1.9989	1.9529	1.9226	1.9120
	U	10.8657	10.9252	11.0951	11.3499	11.6513	11.9535	12.2103	12.3823	12.4426
	V	-2.6037	-2.5984	-2.5827	-2.5581	-2.5272	-2.4939	-2.4635	-2.4419	-2.4342
	W	0.0	0.3503	0.6488	0.8510	0.9253	0.8587	0.6598	0.3580	0.0000
0.900	A	7.4854	7.4668	7.4136	7.3337	7.2389	7.1436	7.0626	7.0084	6.9894
	RHO	5.9325	5.9316	5.9289	5.9253	5.9214	5.918C	5.9156	5.9142	5.9137
	P	2.1840	2.1728	2.1410	2.0938	2.0387	1.9842	1.9387	1.9086	1.8981
	U	10.8355	10.8953	11.0657	11.3212	11.6235	11.9265	12.1841	12.3566	12.4172
	V	-2.8513	-2.8454	-2.8283	-2.8014	-2.7675	-2.7312	-2.6980	-2.6747	-2.6662
	W	0.0	0.3592	0.6652	0.8721	0.9478	0.8792	0.6752	0.3662	0.0000
1.000	A	7.4761	7.4574	7.4042	7.3242	7.2296	7.1348	7.0542	7.0004	6.9815
	RHO	5.8957	5.8952	5.8936	5.8913	5.8885	5.8855	5.8828	5.8810	5.8804
	P	2.1650	2.1541	2.1229	2.0764	2.0222	1.9684	1.9234	1.8936	1.8831
THS/THC		1.1541	1.1535	1.1518	1.1492	1.1459	1.1425	1.1396	1.1375	1.1368

M=20.0, THC=47.5, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	10.1819	10.2240	10.3439	10.5240	10.7373	10.9508	11.1314	11.2513	11.2932
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.2863	0.5308	0.6965	0.7562	0.6982	0.5320	0.2863	0.0000
0.0	A	7.7631	7.7510	7.7165	7.6650	7.6044	7.5444	7.4941	7.4609	7.4494
	RHO	6.1329	6.0852	5.9511	5.7550	5.5313	5.3164	5.1416	5.0287	4.9898
	P	2.4284	2.4020	2.3282	2.2215	2.1016	1.9882	1.8973	1.8392	1.8193
	U	10.1818	10.2810	10.5700	11.0215	11.5886	12.1594	12.7556	13.1476	13.2891
	V	-0.0867	-0.0863	-0.0855	-0.0841	-0.0824	-0.0806	-0.0787	-0.0774	-0.0768
	W	0.0	0.3459	0.6358	0.8228	0.8782	0.7981	0.6018	0.3226	0.0000
0.025	A	7.7631	7.7353	7.6533	7.5212	7.3475	7.1489	6.9559	6.8122	6.7586
	RHO	6.1327	6.1097	6.0497	5.9772	5.9250	5.9210	5.9680	6.0320	6.0616
	P	2.4283	2.4019	2.3282	2.2215	2.1016	1.9882	1.8972	1.8391	1.8192
	U	10.1812	10.2843	10.5831	11.0461	11.6203	12.2288	12.7737	13.1528	13.2887
	V	-0.1723	-0.1717	-0.1699	-0.1672	-0.1638	-0.1602	-0.1567	-0.1540	-0.1530
	W	0.0	0.3752	0.6918	0.9004	0.9696	0.8914	0.6804	0.3681	0.0000
0.050	A	7.7629	7.7338	7.6484	7.5119	7.3349	7.1364	6.9476	6.8094	6.7585
	RHO	6.1321	6.1113	6.0569	5.9916	5.9450	5.9414	5.9818	6.0361	6.0611
	P	2.4279	2.4016	2.3279	2.2214	2.1015	1.9880	1.8970	1.8389	1.8190
	U	10.1792	10.2863	10.5953	11.0701	11.6510	12.2567	12.7903	13.1569	13.2874
	V	-0.3415	-0.3403	-0.3368	-0.3315	-0.3247	-0.3172	-0.3099	-0.3044	-0.3022
	W	0.0	0.4179	0.7730	1.0120	1.0989	1.0205	0.7863	0.4282	0.0000
0.100	A	7.7623	7.7318	7.6424	7.5009	7.3204	7.1223	6.9382	6.8062	6.7580
	RHO	6.1298	6.1114	6.0639	6.0069	5.9667	5.9629	5.9955	6.0391	6.0590
	P	2.4267	2.4004	2.3269	2.2206	2.1008	1.9874	1.8963	1.8381	1.8181
	U	10.1715	10.2827	10.6021	11.0885	11.6760	12.2788	12.8016	13.1566	13.2821
	V	-0.6708	-0.6685	-0.6619	-0.6514	-0.6373	-0.6222	-0.6067	-0.5947	-0.5902
	W	0.0	0.4796	0.8897	1.1705	1.2792	1.1960	0.9267	0.5063	0.0000
0.200	A	7.7601	7.7277	7.6337	7.4866	7.3024	7.1052	6.9266	6.8014	6.7563
	RHO	6.1208	6.1058	6.0669	6.0204	5.9873	5.9828	6.0059	6.0370	6.0512
	P	2.4217	2.3957	2.3228	2.2171	2.0977	1.9844	1.8932	1.8348	1.8148
	U	10.1592	10.2727	10.5979	11.0907	11.6817	12.2833	12.8011	13.1505	13.2738
	V	-0.9882	-0.9849	-0.9753	-0.9598	-0.9394	-0.9156	-0.8917	-0.8733	-0.8664
	W	0.0	0.5259	0.9768	1.2873	1.4098	1.3204	1.0241	0.5597	0.0000
0.300	A	7.7565	7.7230	7.6260	7.4755	7.2893	7.0928	6.9179	6.7969	6.7536
	RHO	6.1068	6.0941	6.0615	6.0224	5.9942	5.9890	6.0056	6.0286	6.0391
	P	2.4139	2.3882	2.3161	2.2112	2.0926	1.9756	1.8884	1.8299	1.8098
	U	10.1429	10.2579	10.5870	11.0840	11.6776	12.2789	12.7941	13.1406	13.2627
	V	-1.2943	-1.2900	-1.2775	-1.2572	-1.2301	-1.1983	-1.1663	-1.1417	-1.1323
	W	0.0	0.5638	1.0478	1.3818	1.5142	1.4184	1.0997	0.6007	0.0000
0.400	A	7.7517	7.7174	7.6182	7.4653	7.2778	7.0821	6.9100	6.7921	6.7501
	RHO	6.0881	6.0776	6.0502	6.0173	5.9930	5.9872	5.9987	6.0157	6.0235
	P	2.4036	2.3782	2.3070	2.2033	2.0855	1.9730	1.8819	1.8233	1.8032
	U	10.1231	10.2391	10.5709	11.0711	11.6669	12.2684	12.7824	13.1277	13.2490
	V	-1.5899	-1.5847	-1.5693	-1.5443	-1.5107	-1.4712	-1.4314	-1.4009	-1.3893
	W	0.0	0.5962	1.1081	1.4615	1.6012	1.4992	1.1614	0.6339	0.0000
0.500	A	7.7459	7.7110	7.6100	7.4553	7.2669	7.0721	6.9024	6.7868	6.7458
	RHO	6.0653	6.0567	6.0340	6.0066	5.9858	5.9795	5.9869	5.9990	6.0046
	P	2.3910	2.3661	2.2960	2.1935	2.0768	1.9645	1.8740	1.8154	1.7953
	U	10.1000	10.2168	10.5507	11.0534	11.6511	12.2534	12.7673	13.1119	13.2331
	V	-1.8758	-1.8696	-1.8514	-1.8218	-1.7820	-1.7350	-1.6878	-1.6518	-1.6382
	W	0.0	0.6245	1.1606	1.5303	1.6758	1.5677	1.2133	0.6617	0.0000
0.600	A	7.7392	7.7037	7.6014	7.4453	7.2563	7.0624	6.8946	6.7810	6.7409
	RHO	6.0389	6.0319	6.0137	5.9913	5.9737	5.9671	5.9711	5.9790	5.9828
	P	2.3764	2.3520	2.2830	2.1820	2.0666	1.9555	1.8649	1.8063	1.7862
	U	10.0740	10.1915	10.5270	11.0318	11.6312	12.2347	12.7491	13.0938	13.2151
	V	-2.1527	-2.1456	-2.1246	-2.0904	-2.0446	-1.9906	-1.9365	-1.8953	-1.8797
	W	0.0	0.6496	1.2070	1.5908	1.7409	1.6270	1.2578	0.6853	0.0000
0.700	A	7.7315	7.6956	7.5922	7.4350	7.2457	7.0527	6.8867	6.7748	6.7354
	RHO	6.0091	6.0037	5.9896	5.9720	5.9574	5.9507	5.9518	5.9561	5.9583
	P	2.3600	2.3360	2.2684	2.1690	2.0550	1.9447	1.8546	1.7961	1.7760
	U	10.0456	10.1635	10.5004	11.0069	11.6081	12.2129	12.7283	13.0736	13.1950
	V	-2.4214	-2.4133	-2.3895	-2.3509	-2.2992	-2.2385	-2.1780	-2.1319	-2.1146
	W	0.0	0.6721	1.2484	1.6446	1.7983	1.6789	1.2965	0.7058	0.0000
0.800	A	7.7230	7.6867	7.5825	7.4245	7.2351	7.0429	6.8785	6.7681	6.7293
	RHO	5.9762	5.9723	5.9621	5.9491	5.9375	5.9308	5.9293	5.9305	5.9314
	P	2.3419	2.3185	2.2522	2.1546	2.0421	1.9329	1.8432	1.7849	1.7647
	U	10.0149	10.1332	10.4712	10.9792	11.5822	12.1886	12.7053	13.0516	13.1733
	V	-2.6824	-2.6734	-2.6469	-2.6039	-2.5465	-2.4754	-2.4128	-2.3624	-2.3434
	W	0.0	0.6924	1.2857	1.6928	1.8494	1.7248	1.3305	0.7237	0.0000
0.900	A	7.7137	7.6771	7.5723	7.4136	7.2243	7.0330	6.8700	6.7610	6.7227
	RHO	5.9403	5.9380	5.9315	5.9228	5.9143	5.9078	5.9041	5.9025	5.9022
	P	2.3223	2.2994	2.2346	2.1388	2.0280	1.9199	1.8308	1.7727	1.7526
	U	9.9822	10.1009	10.4397	10.9491	11.5537	12.1621	12.6804	13.0278	13.1500
	V	-2.9365	-2.9266	-2.8973	-2.8499	-2.7871	-2.7139	-2.6417	-2.5873	-2.5668
	W	0.0	0.7109	1.3196	1.7363	1.8953	1.7657	1.3607	0.7396	0.0000
1.000	A	7.7037	7.6668	7.5615	7.4024	7.2132	7.0228	6.8612	6.7533	6.7155
	RHO	5.9017	5.9008	5.8980	5.8936	5.8879	5.8818	5.8762	5.8722	5.8707
	P	2.3012	2.2789	2.2156	2.1218	2.0128	1.9060	1.8175	1.7596	1.7395
THS/THC		1.1644	1.1633	1.1602	1.1553	1.1489	1.1419	1.1355	1.1309	1.1293

M=20.0, THC=47.5, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	9.3006	9.3687	9.5631	9.8569	10.2072	10.5601	10.8588	11.0562	11.1247
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.4635	0.8629	1.1399	1.2463	1.1556	0.8787	0.4697	0.0000
0.0	A	7.9812	7.9626	7.9095	7.8299	7.7363	7.6439	7.5673	7.5172	7.4999
	RHO	6.1488	6.0774	5.8774	5.5876	5.2616	4.9547	4.7112	4.5575	4.5052
	P	2.5734	2.5317	2.4158	2.2507	2.0690	1.9021	1.7725	1.6921	1.6650
	U	9.3004	9.4374	9.8383	10.4733	11.2929	12.2162	13.0977	13.7384	13.9723
	V	-0.0893	-0.0889	-0.0876	-0.0856	-0.0832	-0.0806	-0.0777	-0.0753	-0.0743
	W	0.0	0.5316	0.9775	1.2632	1.3404	1.2042	0.8976	0.4786	0.0000
0.025	A	7.9812	7.9453	7.8388	7.6642	7.4254	7.1323	6.8211	6.5728	6.4772
	RHO	6.1485	6.1037	5.9841	5.8324	5.7120	5.6913	5.7584	5.9612	6.0399
	P	2.5733	2.5316	2.4159	2.2509	2.0692	1.9022	1.7725	1.6920	1.6649
	U	9.2998	9.4444	9.8658	10.5270	11.3664	12.2878	13.1433	13.7521	13.9720
	V	-0.1775	-0.1766	-0.1741	-0.1701	-0.1653	-0.1600	-0.1546	-0.1500	-0.1482
	W	0.0	0.5692	1.0494	1.3641	1.4635	1.3386	1.0194	0.5527	0.0000
0.050	A	7.9810	7.9429	7.8298	7.6457	7.3980	7.1024	6.7998	6.5657	6.4771
	RHO	6.1479	6.1068	5.9977	5.8607	5.7547	5.7395	5.8344	5.9734	6.0394
	P	2.5729	2.5313	2.4158	2.2510	2.0693	1.9022	1.7724	1.6918	1.6647
	U	9.2975	9.4504	9.8935	10.5817	11.4396	12.3575	13.1865	13.7642	13.9708
	V	-0.3519	-0.3502	-0.3453	-0.3377	-0.3281	-0.3173	-0.3059	-0.2962	-0.2922
	W	0.0	0.6260	1.1581	1.5158	1.6454	1.5255	1.1839	0.6491	0.0000
0.100	A	7.9804	7.9394	7.8186	7.6238	7.3666	7.0692	6.7767	6.5579	6.4766
	RHO	6.1455	6.1091	6.0129	5.8935	5.8034	5.7928	5.8727	5.9850	6.0373
	P	2.5715	2.5301	2.4150	2.2506	2.0692	1.9020	1.7720	1.6911	1.6639
	U	9.2889	9.4505	9.9164	10.6315	11.5064	12.4192	13.2224	13.7714	13.9660
	V	-0.6913	-0.6882	-0.6792	-0.6650	-0.6463	-0.6237	-0.5989	-0.5777	-0.5692
	W	0.0	0.7111	1.3204	1.7397	1.9074	1.7937	1.4016	0.7720	0.0000
0.200	A	7.9780	7.9336	7.8033	7.5961	7.3288	7.0309	6.7505	6.5485	6.4750
	RHO	6.1361	6.1061	6.0271	5.9301	5.8583	5.8505	5.9109	5.9925	6.0297
	P	2.5660	2.5251	2.4113	2.2481	2.0674	1.9002	1.7697	1.6884	1.6610
	U	9.2753	9.4417	9.9202	10.6499	11.5335	12.4434	13.2338	13.7695	13.9584
	V	-1.0183	-1.0140	-1.0012	-0.9808	-0.9531	-0.9186	-0.8800	-0.8473	-0.8341
	W	0.0	0.7770	1.4452	1.9058	2.1015	1.9828	1.5515	0.8542	0.0000
0.300	A	7.9741	7.9274	7.7910	7.5759	7.3028	7.0056	6.7333	6.5415	6.4725
	RHO	6.1214	6.0962	6.0300	5.9491	5.8895	5.8822	5.9285	5.9903	6.0182
	P	2.5574	2.5171	2.4048	2.2433	2.0637	1.8968	1.7659	1.6842	1.6565
	U	9.2572	9.4269	9.9137	10.6528	11.5420	12.4505	13.2341	13.7623	13.9484
	V	-1.3334	-1.3278	-1.3116	-1.2852	-1.2488	-1.2025	-1.1505	-1.1065	-1.0890
	W	0.0	0.8322	1.5491	2.0497	2.2585	2.1321	1.6671	0.9165	0.0000
0.400	A	7.9690	7.9206	7.7794	7.5586	7.2816	6.9856	6.7195	6.5351	6.4693
	RHO	6.1019	6.0809	6.0257	5.9582	5.9082	5.9006	5.9355	5.9823	6.0032
	P	2.5460	2.5064	2.3960	2.2365	2.0583	1.8919	1.7608	1.6786	1.6507
	U	9.2353	9.4072	9.8998	10.6456	11.5391	12.4474	13.2272	13.7515	13.9359
	V	-1.6373	-1.6306	-1.6109	-1.5787	-1.5338	-1.4761	-1.4111	-1.3567	-1.3351
	W	0.0	0.8800	1.6387	2.1692	2.3905	2.2553	1.7608	0.9664	0.0000
0.500	A	7.9628	7.9129	7.7680	7.5429	7.2634	6.9685	6.7075	6.5287	6.4654
	RHO	6.0780	6.0608	6.0156	5.9599	5.9182	5.9102	5.9353	5.9699	5.9853
	P	2.5321	2.4934	2.3849	2.2279	2.0514	1.8856	1.7545	1.6719	1.6438
	U	9.2099	9.3835	9.8803	10.6310	11.5280	12.4369	13.2152	13.7376	13.9213
	V	-1.9308	-1.9230	-1.8998	-1.8619	-1.8086	-1.7399	-1.6630	-1.5988	-1.5734
	W	0.0	0.9223	1.7175	2.2734	2.5043	2.3595	1.8390	1.0076	0.0000
0.600	A	7.9555	7.9045	7.7565	7.5279	7.2466	6.9531	6.6965	6.5224	6.4610
	RHO	6.0503	6.0366	6.0006	5.9559	5.9217	5.9130	5.9296	5.9538	5.9647
	P	2.5159	2.4781	2.3720	2.2176	2.0431	1.8782	1.7470	1.6641	1.6359
	U	9.1814	9.3562	9.8562	10.6108	11.5107	12.4210	13.1993	13.7213	13.9049
	V	-2.2148	-2.2058	-2.1791	-2.1355	-2.0741	-1.9950	-1.9067	-1.8335	-1.8047
	W	0.0	0.9602	1.7879	2.3657	2.6039	2.4502	1.9057	1.0424	0.0000
0.700	A	7.9473	7.8952	7.7448	7.5134	7.2308	6.9388	6.6860	6.5158	6.4560
	RHO	6.0191	6.0088	5.9813	5.9469	5.9195	5.9104	5.9196	5.9347	5.9416
	P	2.4978	2.4609	2.3572	2.2057	2.0335	1.8697	1.7386	1.6554	1.6271
	U	9.1503	9.3260	9.8283	10.5859	11.4886	12.4008	13.1803	13.7029	13.8866
	V	-2.4899	-2.4797	-2.4496	-2.4002	-2.3309	-2.2418	-2.1431	-2.0617	-2.0297
	W	0.0	0.9944	1.8513	2.4483	2.6921	2.5291	1.9634	1.0723	0.0000
0.800	A	7.9382	7.8853	7.7327	7.4991	7.2157	6.9253	6.6758	6.5089	6.4504
	RHO	5.9847	5.9775	5.9582	5.9336	5.9127	5.9033	5.9057	5.9129	5.9164
	P	2.4778	2.4419	2.3408	2.1924	2.0227	1.8602	1.7293	1.6459	1.6174
	U	9.1168	9.2932	9.7973	10.5572	11.4626	12.3772	13.1585	13.6826	13.8668
	V	-2.7570	-2.7455	-2.7118	-2.6566	-2.5795	-2.4810	-2.3726	-2.2838	-2.2490
	W	0.0	1.0257	1.9088	2.5229	2.7709	2.5589	2.0138	1.0982	0.0000
0.900	A	7.9282	7.8746	7.7203	7.4849	7.2011	6.9123	6.6659	6.5018	6.4445
	RHO	5.9472	5.9430	5.9316	5.9164	5.9018	5.8922	5.8866	5.8865	5.8889
	P	2.4561	2.4213	2.3229	2.1778	2.0108	1.8457	1.7191	1.6355	1.6069
	U	9.0813	9.2581	9.7635	10.5255	11.4333	12.3507	13.1346	13.6605	13.8454
	V	-3.0167	-3.0040	-2.9665	-2.9055	-2.8206	-2.7131	-2.5959	-2.5004	-2.4632
	W	0.0	1.0543	1.9615	2.5905	2.8418	2.6610	2.0583	1.1209	0.0000
1.000	A	7.9175	7.8632	7.7075	7.4708	7.1868	6.8996	6.6559	6.4943	6.4380
	RHO	5.9070	5.9057	5.9018	5.8955	5.8871	5.8775	5.8684	5.8618	5.8594
	P	2.4329	2.3991	2.3035	2.1619	1.9978	1.8382	1.7081	1.6244	1.5956
THS/THC		1.1762	1.1748	1.1706	1.1636	1.1542	1.1432	1.1328	1.1252	1.1224

M=20.0, THC=47.5, ALPHA/THC=0.20, GAMMA=1.4, BETA*SIN(THC)=14.7271

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	8.3663	8.4635	8.7419	9.1651	9.6745	10.1933	10.6350	10.9253	11.0248
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.6621	1.2382	1.6491	1.8227	1.7061	1.2579	0.6868	0.0000
	A	8.1854	8.1601	8.0876	7.9784	7.8495	7.7225	7.6186	7.5521	7.5293
	RHO	6.1645	6.0657	5.8049	5.4235	4.9992	4.6076	4.3061	4.1214	4.0595
	P	2.7137	2.6554	2.4947	2.2683	2.0238	1.8054	1.6422	1.5444	1.5121
0.025	U	8.3661	8.5348	9.0292	9.8168	10.8504	12.0748	13.3274	14.2721	14.6192
	V	-0.0923	-0.0917	-0.0899	-0.0873	-0.0842	-0.0810	-0.0772	-0.0734	-0.0717
	W	0.0	0.7282	1.3423	1.7396	1.8427	1.6326	1.1941	0.6326	0.0000
	A	8.1853	8.1438	8.0205	7.8173	7.5349	7.1653	6.7228	6.3378	6.1851
	RHO	6.1644	6.0939	5.9031	5.6506	5.4267	5.3525	5.5305	5.8515	6.0157
	P	2.7136	2.6554	2.4949	2.2688	2.0243	1.8057	1.6423	1.5444	1.5120
0.050	U	8.3654	8.5460	9.0734	9.9069	10.9835	12.2157	13.4200	14.3000	14.6189
	V	-0.1834	-0.1822	-0.1787	-0.1734	-0.1670	-0.1604	-0.1534	-0.1464	-0.1432
	W	0.0	0.7699	1.4210	1.8487	1.9777	1.7931	1.3574	0.7392	0.0000
	A	8.1852	8.1404	8.0075	7.7894	7.4893	7.1086	6.6790	6.3230	6.1849
	RHO	6.1636	6.0985	5.9224	5.6921	5.4941	5.4394	5.6033	5.8788	6.0151
	P	2.7132	2.6552	2.4950	2.2691	2.0247	1.8055	1.6423	1.5442	1.5118
0.100	U	8.3629	8.5568	9.1205	10.0024	11.1196	12.3536	13.5079	14.3255	14.6178
	V	-0.3633	-0.3611	-0.3547	-0.3447	-0.3324	-0.3189	-0.3038	-0.2888	-0.2821
	W	0.0	0.8356	1.5465	2.0242	2.1935	2.0352	1.5822	0.8763	0.0000
	A	8.1845	8.1357	7.9910	7.7552	7.4358	7.0458	6.6323	6.3073	6.1845
	RHO	6.1611	6.1027	5.9459	5.7432	5.5750	5.5277	5.6819	5.9060	6.0131
	P	2.7116	2.6540	2.4946	2.2695	2.0253	1.8062	1.6421	1.5437	1.5111
0.200	U	8.3532	8.5616	9.1645	10.0958	11.2499	12.4757	13.5842	14.3447	14.6135
	V	-0.7132	-0.7093	-0.6980	-0.6804	-0.6576	-0.6299	-0.5956	-0.5623	-0.5478
	W	0.0	0.9384	1.7429	2.2979	2.5229	2.3840	1.8819	1.0481	0.0000
	A	8.1819	8.1279	7.9684	7.7113	7.3711	6.9744	6.5814	6.2899	6.1830
	RHO	6.1512	6.1026	5.9724	5.8063	5.6734	5.6508	5.7658	5.9302	6.0057
	P	2.7055	2.6488	2.4916	2.2685	2.0253	1.8060	1.6409	1.5415	1.5085
0.300	U	8.3379	8.5547	9.1796	10.1378	11.3101	12.5357	13.6149	14.3484	14.6066
	V	-1.0496	-1.0443	-1.0289	-1.0046	-0.9722	-0.9297	-0.8755	-0.8233	-0.8011
	W	0.0	1.0209	1.8999	2.5144	2.7765	2.6353	2.0882	1.1611	0.0000
	A	8.1778	8.1201	7.9506	7.6797	7.3272	6.9288	6.5500	6.2785	6.1807
	RHO	6.1357	6.0947	5.9853	5.8464	5.7373	5.7206	5.8125	5.9383	5.9947
	P	2.6960	2.6403	2.4858	2.2655	2.0238	1.8044	1.6384	1.5380	1.5046
0.400	U	8.3177	8.5402	9.1796	10.1551	11.3385	12.5617	13.6262	14.3450	14.5974
	V	-1.3732	-1.3666	-1.3474	-1.3170	-1.2751	-1.2180	-1.1441	-1.0740	-1.0446
	W	0.0	1.0915	2.0338	2.6969	2.9857	2.8428	2.2465	1.2453	0.0000
	A	8.1723	8.1118	7.9345	7.6533	7.2925	6.8542	6.5265	6.2693	6.1778
	RHO	6.1152	6.0810	5.9896	5.8739	5.7835	5.7696	5.8416	5.9380	5.9804
	P	2.6833	2.6290	2.4775	2.2605	2.0208	1.8018	1.6348	1.5334	1.4996
0.500	U	8.2933	8.5197	9.1693	10.1567	11.3479	12.5700	13.6262	14.3367	14.5861
	V	-1.6848	-1.6769	-1.6541	-1.6177	-1.5666	-1.4952	-1.4025	-1.3156	-1.2794
	W	0.0	1.1538	2.1512	2.8554	3.1641	3.0116	2.3741	1.3119	0.0000
	A	8.1656	8.1027	7.9190	7.6298	7.2631	6.8658	6.5073	6.2611	6.1743
	RHO	6.0901	6.0621	5.9873	5.8924	5.8182	5.8054	5.8597	5.9320	5.9635
	P	2.6680	2.6150	2.4669	2.2537	2.0165	1.7980	1.6303	1.5279	1.4937
0.600	U	8.2652	8.4944	9.1512	10.1473	11.3443	12.5666	13.6187	14.3250	14.5729
	V	-1.9852	-1.9760	-1.9495	-1.9071	-1.8470	-1.7618	-1.6514	-1.5490	-1.5067
	W	0.0	1.2096	2.2560	2.9955	3.3192	3.1550	2.4801	1.3664	0.0000
	A	8.1578	8.0929	7.9040	7.6082	7.2371	6.8415	6.4909	6.2535	6.1703
	RHO	6.0611	6.0389	5.9795	5.9039	5.8440	5.8315	5.8699	5.9217	5.9441
	P	2.6502	2.5987	2.4544	2.2453	2.0110	1.7933	1.6249	1.5215	1.4869
0.700	U	8.2339	8.4650	9.1271	10.1295	11.3313	12.5546	13.6056	14.3105	14.5579
	V	-2.2752	-2.2647	-2.2345	-2.1861	-2.1169	-2.0184	-1.8916	-1.7751	-1.7274
	W	0.0	1.2603	2.3506	3.1209	3.4559	3.2789	2.5658	1.4119	0.0000
	A	8.1490	8.0824	7.8889	7.5878	7.2136	6.8199	6.4762	6.2461	6.1658
	RHO	6.0284	6.0118	5.9670	5.9094	5.8627	5.8500	5.8739	5.9078	5.9226
	P	2.6302	2.5803	2.4399	2.2354	2.0044	1.7877	1.6187	1.5143	1.4793
0.800	U	8.1997	8.4323	9.0981	10.1051	11.3108	12.5367	13.5883	14.2937	14.5412
	V	-2.5557	-2.5439	-2.5098	-2.4551	-2.3769	-2.2657	-2.1238	-1.9947	-1.9421
	W	0.0	1.3066	2.4367	3.2341	3.5777	3.3873	2.6470	1.4506	0.0000
	A	8.1392	8.0711	7.8738	7.5683	7.1919	6.8004	6.4629	6.2387	6.1609
	RHO	5.9925	5.9811	5.9502	5.9098	5.8754	5.8625	5.8730	5.8910	5.8989
	P	2.6082	2.5599	2.4237	2.2241	1.9967	1.7813	1.6117	1.5065	1.4711
0.900	U	8.1632	8.3967	9.0650	10.0755	11.2848	12.5136	13.5677	14.2748	14.5231
	V	-2.8276	-2.8143	-2.7761	-2.7149	-2.6276	-2.5042	-2.3487	-2.2084	-2.1513
	W	0.0	1.3492	2.5156	3.3371	3.6870	3.4830	2.7140	1.4838	0.0000
	A	8.1286	8.0592	7.8586	7.5496	7.1716	6.7824	6.4504	6.2314	6.1555
	RHO	5.9534	5.9471	5.9295	5.9055	5.8830	5.8658	5.8680	5.8714	5.8733
	P	2.5845	2.5379	2.4060	2.2115	1.9880	1.7741	1.6041	1.4979	1.4622
1.000	U	8.1245	8.3586	9.0286	10.0417	11.2541	12.4866	13.5444	14.2544	14.5036
	V	-3.0915	-3.0768	-3.0342	-2.9661	-2.8696	-2.7347	-2.5667	-2.4166	-2.3557
	W	0.0	1.3886	2.5883	3.4311	3.7858	3.5681	2.7727	1.5127	0.0000
	A	8.1171	8.0466	7.8432	7.5312	7.1523	6.7657	6.4385	6.2235	6.1497
	RHO	5.9115	5.9099	5.9052	5.8972	5.8860	5.8726	5.8594	5.8495	5.8459
	P	2.5591	2.5141	2.3867	2.1976	1.9783	1.7662	1.5959	1.4888	1.4526
THS/THC		1.1901	1.1885	1.1835	1.1748	1.1624	1.1471	1.1317	1.1203	1.1161

M= 4.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 2.9669

XI	PHI	0.0
	U	1.8995
	V	0.0000
	W	0.0
-0.000	A	1.8650
	RHO	4.5202
	P	2.3923
	U	1.8994
	V	-0.0306
	W	0.0
0.025	A	1.8650
	RHO	4.5199
	P	2.3920
	U	1.8991
	V	-0.0603
	W	0.0
0.050	A	1.8649
	RHO	4.5190
	P	2.3914
	U	1.8977
	V	-0.1177
	W	0.0
0.100	A	1.8647
	RHO	4.5158
	P	2.3890
	U	1.8927
	V	-0.2245
	W	0.0
0.200	A	1.8637
	RHO	4.5043
	P	2.3805
	U	1.8854
	V	-0.3220
	W	0.0
0.300	A	1.8623
	RHO	4.4878
	P	2.3683
	U	1.8762
	V	-0.4115
	W	0.0
0.400	A	1.8607
	RHO	4.4677
	P	2.3534
	U	1.8656
	V	-0.4940
	W	0.0
0.500	A	1.8588
	RHO	4.4449
	P	2.3367
	U	1.8541
	V	-0.5705
	W	0.0
0.600	A	1.8567
	RHO	4.4202
	P	2.3185
	U	1.8419
	V	-0.6416
	W	0.0
0.700	A	1.8545
	RHO	4.3940
	P	2.2993
	U	1.8291
	V	-0.7079
	W	0.0
0.800	A	1.8522
	RHO	4.3667
	P	2.2793
	U	1.8161
	V	-0.7701
	W	0.0
0.900	A	1.8498
	RHO	4.3386
	P	2.2588
	U	1.8029
	V	-0.8285
	W	0.0
1.000	A	1.8473
	RHO	4.3098
	P	2.2378

THS/THC 1.2642

M= 4.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 2.9669

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	1.8593	1.8606	1.8642	1.8696	1.8759	1.8823	1.8877	1.8913	1.8926
	V	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0083	0.0153	0.0200	0.0217	0.0200	0.0153	0.0083	0.0000
0.0	A	1.8731	1.8729	1.8721	1.8711	1.8698	1.8685	1.8674	1.8667	1.8664
	RHO	4.5372	4.5340	4.5253	4.5122	4.4968	4.4815	4.4685	4.4599	4.4569
	P	2.4221	2.4198	2.4132	2.4034	2.3920	2.3806	2.3710	2.3646	2.3623
	U	1.8592	1.8622	1.8706	1.8834	1.8985	1.9139	1.9270	1.9358	1.9390
	V	-0.0308	-0.0308	-0.0307	-0.0306	-0.0305	-0.0305	-0.0305	-0.0305	-0.0304
	W	0.0	0.0102	0.0189	0.0246	0.0267	0.0246	0.0188	0.0102	0.0000
0.025	A	1.8731	1.8725	1.8708	1.8682	1.8651	1.8620	1.8593	1.8575	1.8568
	RHO	4.5368	4.5354	4.5313	4.5254	4.5187	4.5123	4.5071	4.5039	4.5027
	P	2.4219	2.4195	2.4130	2.4032	2.3918	2.3804	2.3708	2.3644	2.3621
	U	1.8588	1.8618	1.8703	1.8831	1.8983	1.9136	1.9267	1.9355	1.9386
	V	-0.0608	-0.0607	-0.0606	-0.0605	-0.0603	-0.0602	-0.0601	-0.0601	-0.0601
	W	0.0	0.0110	0.0203	0.0265	0.0287	0.0265	0.0203	0.0110	0.0000
0.050	A	1.8730	1.8724	1.8707	1.8681	1.8650	1.8619	1.8592	1.8574	1.8568
	RHO	4.5359	4.5345	4.5305	4.5247	4.5183	4.5116	4.5064	4.5030	4.5018
	P	2.4212	2.4189	2.4123	2.4026	2.3911	2.3797	2.3701	2.3637	2.3615
	U	1.8574	1.8604	1.8690	1.8818	1.8973	1.9124	1.9254	1.9342	1.9373
	V	-0.1184	-0.1184	-0.1182	-0.1180	-0.1177	-0.1175	-0.1173	-0.1172	-0.1171
	W	0.0	0.0120	0.0222	0.0290	0.0314	0.0291	0.0223	0.0121	0.0000
0.100	A	1.8727	1.8721	1.8704	1.8678	1.8647	1.8616	1.8590	1.8572	1.8565
	RHO	4.5326	4.5312	4.5273	4.5215	4.5149	4.5085	4.5032	4.4998	4.4987
	P	2.4187	2.4164	2.4099	2.4001	2.3887	2.3773	2.3678	2.3614	2.3591
	U	1.8523	1.8554	1.8640	1.8769	1.8922	1.9075	1.9206	1.9293	1.9324
	V	-0.2258	-0.2257	-0.2254	-0.2250	-0.2245	-0.2241	-0.2237	-0.2234	-0.2234
	W	0.0	0.0133	0.0245	0.0321	0.0349	0.0323	0.0248	0.0134	0.0000
0.200	A	1.8718	1.8712	1.8695	1.8669	1.8638	1.8606	1.8580	1.8562	1.8556
	RHO	4.5210	4.5196	4.5158	4.5101	4.5036	4.4973	4.4920	4.4886	4.4873
	P	2.4100	2.4077	2.4013	2.3916	2.3803	2.3690	2.3594	2.3531	2.3509
	U	1.8448	1.8479	1.8565	1.8695	1.8848	1.9002	1.9133	1.9221	1.9252
	V	-0.3237	-0.3236	-0.3232	-0.3227	-0.3221	-0.3214	-0.3209	-0.3206	-0.3204
	W	0.0	0.0141	0.0261	0.0342	0.0371	0.0344	0.0264	0.0143	0.0000
0.300	A	1.8704	1.8698	1.8681	1.8655	1.8624	1.8593	1.8566	1.8549	1.8542
	RHO	4.5042	4.5029	4.4992	4.4937	4.4873	4.4810	4.4758	4.4723	4.4711
	P	2.3975	2.3952	2.3888	2.3793	2.3681	2.3569	2.3475	2.3412	2.3390
	U	1.8355	1.8385	1.8472	1.8603	1.8757	1.8911	1.9043	1.9131	1.9161
	V	-0.4135	-0.4134	-0.4130	-0.4123	-0.4116	-0.4108	-0.4102	-0.4098	-0.4096
	W	0.0	0.0147	0.0273	0.0357	0.0387	0.0359	0.0275	0.0149	0.0000
0.400	A	1.8687	1.8681	1.8664	1.8638	1.8607	1.8576	1.8550	1.8532	1.8526
	RHO	4.4837	4.4825	4.4789	4.4735	4.4673	4.4611	4.4560	4.4525	4.4513
	P	2.3823	2.3800	2.3737	2.3643	2.3532	2.3422	2.3329	2.3267	2.3245
	U	1.8248	1.8278	1.8366	1.8497	1.8652	1.8807	1.8939	1.9027	1.9058
	V	-0.4963	-0.4961	-0.4957	-0.4950	-0.4942	-0.4933	-0.4926	-0.4921	-0.4920
	W	0.0	0.0152	0.0282	0.0369	0.0400	0.0370	0.0284	0.0154	0.0000
0.500	A	1.8668	1.8662	1.8644	1.8618	1.8588	1.8557	1.8531	1.8513	1.8507
	RHO	4.4606	4.4594	4.4559	4.4507	4.4445	4.4386	4.4335	4.4301	4.4289
	P	2.3651	2.3629	2.3567	2.3474	2.3365	2.3256	2.3164	2.3103	2.3081
	U	1.8131	1.8161	1.8249	1.8381	1.8536	1.8692	1.8825	1.8913	1.8944
	V	-0.5728	-0.5727	-0.5722	-0.5715	-0.5705	-0.5698	-0.5690	-0.5685	-0.5683
	W	0.0	0.0156	0.0289	0.0378	0.0410	0.0380	0.0291	0.0158	0.0000
0.600	A	1.8647	1.8640	1.8623	1.8598	1.8567	1.8536	1.8510	1.8493	1.8487
	RHO	4.4355	4.4343	4.4309	4.4259	4.4203	4.4140	4.4090	4.4057	4.4046
	P	2.3465	2.3443	2.3382	2.3291	2.3183	2.3076	2.2985	2.2925	2.2904
	U	1.8006	1.8037	1.8126	1.8258	1.8414	1.8570	1.8703	1.8792	1.8823
	V	-0.6440	-0.6438	-0.6433	-0.6426	-0.6417	-0.6408	-0.6401	-0.6395	-0.6393
	W	0.0	0.0159	0.0295	0.0386	0.0418	0.0387	0.0297	0.0161	0.0000
0.700	A	1.8624	1.8618	1.8601	1.8575	1.8545	1.8514	1.8489	1.8471	1.8465
	RHO	4.4090	4.4078	4.4045	4.3996	4.3938	4.3880	4.3832	4.3799	4.3787
	P	2.3268	2.3247	2.3187	2.3097	2.2992	2.2886	2.2796	2.2737	2.2716
	U	1.7878	1.7909	1.7997	1.8130	1.8286	1.8443	1.8577	1.8666	1.8698
	V	-0.7103	-0.7101	-0.7097	-0.7090	-0.7081	-0.7072	-0.7064	-0.7059	-0.7057
	W	0.0	0.0162	0.0299	0.0392	0.0425	0.0394	0.0302	0.0164	0.0000
0.800	A	1.8601	1.8595	1.8578	1.8552	1.8522	1.8491	1.8466	1.8448	1.8442
	RHO	4.3813	4.3802	4.3770	4.3722	4.3666	4.3609	4.3561	4.3529	4.3518
	P	2.3065	2.3044	2.2985	2.2896	2.2792	2.2688	2.2600	2.2541	2.2520
	U	1.7746	1.7777	1.7866	1.7999	1.8156	1.8314	1.8447	1.8537	1.8568
	V	-0.7723	-0.7722	-0.7717	-0.7711	-0.7702	-0.7694	-0.7686	-0.7681	-0.7679
	W	0.0	0.0164	0.0304	0.0397	0.0431	0.0399	0.0306	0.0166	0.0000
0.900	A	1.8577	1.8571	1.8554	1.8528	1.8498	1.8468	1.8442	1.8425	1.8419
	RHO	4.3529	4.3518	4.3487	4.3440	4.3385	4.3330	4.3283	4.3251	4.3240
	P	2.2855	2.2835	2.2777	2.2690	2.2587	2.2484	2.2398	2.2340	2.2319
	U	1.7612	1.7643	1.7732	1.7866	1.8024	1.8182	1.8316	1.8406	1.8437
	V	-0.8306	-0.8305	-0.8301	-0.8294	-0.8285	-0.8278	-0.8271	-0.8266	-0.8264
	W	0.0	0.0166	0.0307	0.0402	0.0436	0.0404	0.0309	0.0168	0.0000
1.000	A	1.8552	1.8546	1.8529	1.8503	1.8473	1.8443	1.8418	1.8400	1.8394
	RHO	4.3238	4.3228	4.3197	4.3152	4.3098	4.3043	4.2997	4.2966	4.2955
	P	2.2642	2.2622	2.2564	2.2479	2.2378	2.2277	2.2191	2.2134	2.2114
THS/THC		1.2675	1.2673	1.2666	1.2656	1.2643	1.2631	1.2620	1.2613	1.2610

M= 5.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 3.7528

XI	PHI	0.0
	U	2.5177
	V	0.0000
	W	0.0
-0.000	A	2.1754
	RHO	4.9659
	P	2.2883
	U	2.5176
	V	-0.0313
	W	0.0
0.025	A	2.1753
	RHO	4.9657
	P	2.2882
	U	2.5173
	V	-0.0619
	W	0.0
0.050	A	2.1753
	RHO	4.9649
	P	2.2877
	U	2.5162
	V	-0.1215
	W	0.0
0.100	A	2.1750
	RHO	4.9621
	P	2.2859
	U	2.5121
	V	-0.2341
	W	0.0
0.200	A	2.1741
	RHO	4.9519
	P	2.2793
	U	2.5059
	V	-0.3391
	W	0.0
0.300	A	2.1728
	RHO	4.9367
	P	2.2695
	U	2.4980
	V	-0.4372
	W	0.0
0.400	A	2.1711
	RHO	4.9176
	P	2.2573
	U	2.4886
	V	-0.5293
	W	0.0
0.500	A	2.1692
	RHO	4.8955
	P	2.2430
	U	2.4782
	V	-0.6160
	W	0.0
0.600	A	2.1670
	RHO	4.8709
	P	2.2273
	U	2.4668
	V	-0.6979
	W	0.0
0.700	A	2.1646
	RHO	4.8442
	P	2.2102
	U	2.4548
	V	-0.7754
	W	0.0
0.800	A	2.1621
	RHO	4.8159
	P	2.1922
	U	2.4422
	V	-0.8490
	W	0.0
0.900	A	2.1594
	RHO	4.7862
	P	2.1732
	U	2.4292
	V	-0.9191
	W	0.0
1.000	A	2.1566
	RHO	4.7552
	P	2.1535

THS/THC 1.2187

M= 5.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 3.7528

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.4705	2.4719	2.4757	2.4814	2.4882	2.4950	2.5007	2.5045	2.5058
	V	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0
	W	0.0	0.0088	0.0163	0.0213	0.0230	0.0213	0.0163	0.0088	0.0000
0.0	A	2.1862	2.1858	2.1850	2.1837	2.1821	2.1806	2.1793	2.1784	2.1781
	RHO	4.9804	4.9769	4.9670	4.9521	4.9346	4.9172	4.9026	4.8928	4.8893
	P	2.3178	2.3156	2.3091	2.2994	2.2881	2.2768	2.2673	2.2609	2.2587
	U	2.4704	2.4739	2.4839	2.4989	2.5167	2.5347	2.5501	2.5605	2.5641
	V	-0.0315	-0.0315	-0.0314	-0.0313	-0.0313	-0.0312	-0.0312	-0.0312	-0.0312
	W	0.0	0.0112	0.0207	0.0270	0.0292	0.0270	0.0206	0.0112	0.0000
0.025	A	2.1861	2.1853	2.1831	2.1796	2.1755	2.1713	2.1677	2.1653	2.1645
	RHO	4.9802	4.9789	4.9753	4.9701	4.9643	4.9588	4.9545	4.9518	4.9508
	P	2.3177	2.3154	2.3089	2.2992	2.2879	2.2766	2.2671	2.2608	2.2585
	U	2.4701	2.4736	2.4836	2.4987	2.5165	2.5345	2.5499	2.5602	2.5638
	V	-0.0623	-0.0623	-0.0622	-0.0621	-0.0619	-0.0618	-0.0617	-0.0617	-0.0617
	W	0.0	0.0122	0.0225	0.0294	0.0318	0.0294	0.0225	0.0122	0.0000
0.050	A	2.1861	2.1853	2.1830	2.1795	2.1754	2.1712	2.1677	2.1652	2.1644
	RHO	4.9794	4.9781	4.9746	4.9695	4.9637	4.9583	4.9539	4.9511	4.9501
	P	2.3172	2.3149	2.3084	2.2987	2.2876	2.2761	2.2666	2.2603	2.2581
	U	2.4690	2.4725	2.4826	2.4977	2.5156	2.5335	2.5489	2.5591	2.5627
	V	-0.1222	-0.1221	-0.1220	-0.1218	-0.1215	-0.1213	-0.1211	-0.1210	-0.1209
	W	0.0	0.0135	0.0249	0.0325	0.0353	0.0326	0.0250	0.0135	0.0000
0.100	A	2.1858	2.1850	2.1827	2.1792	2.1751	2.1710	2.1674	2.1650	2.1641
	RHO	4.9766	4.9753	4.9719	4.9668	4.9611	4.9556	4.9512	4.9483	4.9473
	P	2.3153	2.3130	2.3066	2.2969	2.2855	2.2743	2.2648	2.2585	2.2563
	U	2.4648	2.4684	2.4785	2.4937	2.5116	2.5296	2.5449	2.5551	2.5587
	V	-0.2354	-0.2353	-0.2350	-0.2346	-0.2342	-0.2337	-0.2334	-0.2331	-0.2330
	W	0.0	0.0152	0.0281	0.0367	0.0398	0.0369	0.0283	0.0153	0.0000
0.200	A	2.1849	2.1841	2.1818	2.1783	2.1742	2.1700	2.1665	2.1641	2.1633
	RHO	4.9662	4.9650	4.9616	4.9567	4.9511	4.9456	4.9411	4.9382	4.9372
	P	2.3086	2.3063	2.2999	2.2903	2.2793	2.2678	2.2584	2.2521	2.2498
	U	2.4585	2.4621	2.4722	2.4874	2.5054	2.5235	2.5388	2.5490	2.5526
	V	-0.3408	-0.3407	-0.3403	-0.3398	-0.3392	-0.3385	-0.3379	-0.3376	-0.3374
	W	0.0	0.0163	0.0302	0.0395	0.0429	0.0397	0.0305	0.0165	0.0000
0.300	A	2.1835	2.1827	2.1804	2.1769	2.1729	2.1687	2.1651	2.1628	2.1619
	RHO	4.9508	4.9497	4.9464	4.9416	4.9361	4.9307	4.9262	4.9232	4.9222
	P	2.2986	2.2963	2.2899	2.2804	2.2693	2.2581	2.2487	2.2425	2.2403
	U	2.4504	2.4540	2.4642	2.4795	2.4975	2.5156	2.5310	2.5412	2.5448
	V	-0.4394	-0.4392	-0.4388	-0.4381	-0.4373	-0.4365	-0.4358	-0.4353	-0.4351
	W	0.0	0.0172	0.0319	0.0417	0.0452	0.0419	0.0321	0.0174	0.0000
0.400	A	2.1818	2.1810	2.1787	2.1752	2.1711	2.1670	2.1635	2.1611	2.1603
	RHO	4.9315	4.9304	4.9272	4.9226	4.9171	4.9118	4.9074	4.9045	4.9034
	P	2.2860	2.2838	2.2775	2.2681	2.2570	2.2460	2.2367	2.2305	2.2283
	U	2.4410	2.4445	2.4548	2.4701	2.4882	2.5063	2.5217	2.5320	2.5357
	V	-0.5318	-0.5316	-0.5311	-0.5303	-0.5294	-0.5285	-0.5276	-0.5271	-0.5269
	W	0.0	0.0179	0.0332	0.0434	0.0471	0.0436	0.0334	0.0181	0.0000
0.500	A	2.1799	2.1790	2.1767	2.1733	2.1692	2.1650	2.1615	2.1592	2.1584
	RHO	4.9091	4.9080	4.9049	4.9004	4.8951	4.8899	4.8855	4.8826	4.8816
	P	2.2715	2.2693	2.2631	2.2538	2.2428	2.2319	2.2227	2.2166	2.2144
	U	2.4303	2.4339	2.4442	2.4596	2.4778	2.4960	2.5114	2.5217	2.5254
	V	-0.6188	-0.6186	-0.6180	-0.6172	-0.6161	-0.6151	-0.6141	-0.6135	-0.6133
	W	0.0	0.0185	0.0342	0.0448	0.0485	0.0450	0.0345	0.0187	0.0000
0.600	A	2.1776	2.1768	2.1745	2.1711	2.1670	2.1629	2.1594	2.1570	2.1562
	RHO	4.8841	4.8831	4.8801	4.8757	4.8706	4.8655	4.8612	4.8583	4.8573
	P	2.2553	2.2532	2.2470	2.2379	2.2271	2.2163	2.2072	2.2012	2.1990
	U	2.4188	2.4224	2.4327	2.4482	2.4664	2.4847	2.5002	2.5105	2.5142
	V	-0.7008	-0.7006	-0.7000	-0.6991	-0.6980	-0.6968	-0.6958	-0.6952	-0.6949
	W	0.0	0.0190	0.0351	0.0460	0.0499	0.0462	0.0354	0.0192	0.0000
0.700	A	2.1752	2.1744	2.1721	2.1687	2.1646	2.1605	2.1570	2.1547	2.1539
	RHO	4.8572	4.8562	4.8533	4.8490	4.8440	4.8390	4.8348	4.8320	4.8310
	P	2.2379	2.2358	2.2298	2.2207	2.2101	2.1995	2.1905	2.1845	2.1824
	U	2.4066	2.4102	2.4206	2.4361	2.4544	2.4727	2.4882	2.4986	2.5023
	V	-0.7785	-0.7783	-0.7777	-0.7767	-0.7755	-0.7743	-0.7732	-0.7725	-0.7723
	W	0.0	0.0194	0.0359	0.0470	0.0509	0.0471	0.0361	0.0196	0.0000
0.800	A	2.1727	2.1718	2.1695	2.1661	2.1620	2.1580	2.1545	2.1522	2.1514
	RHO	4.8285	4.8275	4.8248	4.8206	4.8157	4.8109	4.8067	4.8040	4.8030
	P	2.2195	2.2174	2.2114	2.2025	2.1920	2.1815	2.1727	2.1668	2.1647
	U	2.3938	2.3975	2.4079	2.4234	2.4418	2.4601	2.4758	2.4862	2.4899
	V	-0.8522	-0.8520	-0.8513	-0.8503	-0.8491	-0.8479	-0.8468	-0.8460	-0.8458
	W	0.0	0.0198	0.0366	0.0478	0.0519	0.0480	0.0368	0.0199	0.0000
0.900	A	2.1699	2.1691	2.1668	2.1634	2.1594	2.1553	2.1518	2.1495	2.1487
	RHO	4.7984	4.7975	4.7948	4.7908	4.7860	4.7813	4.7772	4.7745	4.7736
	P	2.2001	2.1981	2.1922	2.1834	2.1731	2.1628	2.1540	2.1482	2.1462
	U	2.3807	2.3843	2.3947	2.4103	2.4288	2.4472	2.4629	2.4733	2.4770
	V	-0.9223	-0.9221	-0.9214	-0.9204	-0.9192	-0.9179	-0.9168	-0.9160	-0.9157
	W	0.0	0.0201	0.0371	0.0486	0.0527	0.0488	0.0374	0.0202	0.0000
1.000	A	2.1671	2.1663	2.1640	2.1606	2.1565	2.1525	2.1491	2.1468	2.1460
	RHO	4.7671	4.7662	4.7636	4.7597	4.7551	4.7505	4.7465	4.7438	4.7429
	P	2.1800	2.1780	2.1722	2.1636	2.1534	2.1433	2.1346	2.1289	2.1269
THS/THC		1.2213	1.2211	1.2206	1.2197	1.2187	1.2177	1.2169	1.2163	1.2161

M= 5.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 3.7528

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.2736	2.2808	2.3016	2.3326	2.3692	2.4055	2.4362	2.4566	2.4637
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0478	0.0883	0.1152	0.1243	0.1143	0.0869	0.0468	0.0000
0.0	A	2.2285	2.2269	2.2224	2.2156	2.2078	2.2000	2.1935	2.1892	2.1877
	RHO	5.0362	5.0182	4.9675	4.8927	4.8065	4.7225	4.6531	4.6076	4.5918
	P	2.4354	2.4233	2.3890	2.3389	2.2814	2.2257	2.1801	2.1503	2.1400
	U	2.2734	2.2895	2.3359	2.4074	2.4949	2.5864	2.6673	2.7231	2.7431
	V	-0.0322	-0.0322	-0.0320	-0.0317	-0.0314	-0.0311	-0.0308	-0.0306	-0.0305
	W	0.0	0.0571	0.1052	0.1367	0.1469	0.1346	0.1023	0.0551	0.0000
0.025	A	2.2285	2.2250	2.2150	2.1993	2.1795	2.1583	2.1389	2.1251	2.1201
	RHO	5.0359	5.0263	5.0003	4.9654	4.9315	4.9066	4.8935	4.8893	4.8888
	P	2.4353	2.4231	2.3889	2.3387	2.2813	2.2256	2.1799	2.1502	2.1398
	U	2.2731	2.2896	2.3370	2.4096	2.4978	2.5890	2.6688	2.7234	2.7428
	V	-0.0637	-0.0636	-0.0633	-0.0628	-0.0622	-0.0616	-0.0611	-0.0607	-0.0606
	W	0.0	0.0613	0.1132	0.1477	0.1595	0.1471	0.1125	0.0608	0.0000
0.050	A	2.2284	2.2248	2.2146	2.1985	2.1786	2.1574	2.1383	2.1249	2.1201
	RHO	5.0351	5.0260	5.0013	4.9680	4.9353	4.9099	4.8953	4.8894	4.8881
	P	2.4347	2.4226	2.3884	2.3383	2.2809	2.2252	2.1795	2.1497	2.1394
	U	2.2719	2.2888	2.3373	2.4110	2.4998	2.5907	2.6694	2.7229	2.7418
	V	-0.1250	-0.1248	-0.1242	-0.1232	-0.1221	-0.1209	-0.1198	-0.1191	-0.1188
	W	0.0	0.0672	0.1243	0.1628	0.1767	0.1638	0.1258	0.0683	0.0000
0.100	A	2.2281	2.2245	2.2139	2.1975	2.1774	2.1562	2.1375	2.1245	2.1198
	RHO	5.0321	5.0236	5.0004	4.9689	4.9371	4.9115	4.8954	4.8876	4.8855
	P	2.4327	2.4206	2.3865	2.3366	2.2792	2.2237	2.1779	2.1481	2.1378
	U	2.2673	2.2846	2.3341	2.4090	2.4984	2.5891	2.6670	2.7195	2.7381
	V	-0.2408	-0.2404	-0.2393	-0.2376	-0.2354	-0.2331	-0.2309	-0.2293	-0.2288
	W	0.0	0.0752	0.1393	0.1829	0.1993	0.1854	0.1428	0.0777	0.0000
0.200	A	2.2272	2.2234	2.2125	2.1958	2.1754	2.1544	2.1360	2.1235	2.1190
	RHO	5.0211	5.0134	4.9923	4.9630	4.9325	4.9067	4.8888	4.8789	4.8758
	P	2.4252	2.4133	2.3796	2.3301	2.2731	2.2177	2.1720	2.1422	2.1319
	U	2.2605	2.2780	2.3281	2.4036	2.4935	2.5842	2.6618	2.7140	2.7324
	V	-0.3484	-0.3479	-0.3464	-0.3440	-0.3410	-0.3376	-0.3344	-0.3321	-0.3313
	W	0.0	0.0807	0.1498	0.1968	0.2147	0.1999	0.1541	0.0838	0.0000
0.300	A	2.2257	2.2219	2.2108	2.1939	2.1735	2.1526	2.1344	2.1221	2.1178
	RHO	5.0048	4.9977	4.9781	4.9506	4.9212	4.8953	4.8763	4.8652	4.8616
	P	2.4142	2.4025	2.3692	2.3203	2.2638	2.2087	2.1633	2.1335	2.1232
	U	2.2517	2.2694	2.3199	2.3959	2.4862	2.5771	2.6547	2.7067	2.7250
	V	-0.4486	-0.4480	-0.4462	-0.4434	-0.4396	-0.4354	-0.4314	-0.4284	-0.4273
	W	0.0	0.0851	0.1578	0.2075	0.2263	0.2108	0.1625	0.0884	0.0000
0.400	A	2.2239	2.2200	2.2088	2.1918	2.1714	2.1506	2.1326	2.1205	2.1162
	RHO	4.9844	4.9778	4.9595	4.9335	4.9051	4.8793	4.8597	4.8477	4.8438
	P	2.4005	2.3889	2.3561	2.3078	2.2520	2.1974	2.1522	2.1226	2.1123
	U	2.2415	2.2593	2.3101	2.3866	2.4772	2.5684	2.6460	2.6981	2.7164
	V	-0.5424	-0.5417	-0.5397	-0.5364	-0.5321	-0.5272	-0.5224	-0.5189	-0.5176
	W	0.0	0.0885	0.1643	0.2160	0.2355	0.2194	0.1691	0.0919	0.0000
0.500	A	2.2218	2.2178	2.2066	2.1895	2.1691	2.1484	2.1306	2.1186	2.1144
	RHO	4.9607	4.9546	4.9375	4.9129	4.8854	4.8599	4.8399	4.8273	4.8231
	P	2.3845	2.3731	2.3410	2.2934	2.2383	2.1842	2.1394	2.1099	2.0997
	U	2.2301	2.2480	2.2991	2.3759	2.4669	2.5583	2.6362	2.6883	2.7067
	V	-0.6304	-0.6296	-0.6275	-0.6239	-0.6191	-0.6136	-0.6082	-0.6043	-0.6028
	W	0.0	0.0915	0.1697	0.2230	0.2432	0.2264	0.1744	0.0948	0.0000
0.600	A	2.2194	2.2155	2.2041	2.1871	2.1667	2.1460	2.1284	2.1165	2.1124
	RHO	4.9345	4.9288	4.9128	4.8894	4.8639	4.8378	4.8175	4.8045	4.8000
	P	2.3669	2.3557	2.3241	2.2774	2.2230	2.1696	2.1251	2.0958	2.0856
	U	2.2179	2.2358	2.2872	2.3642	2.4556	2.5473	2.6254	2.6777	2.6961
	V	-0.7131	-0.7124	-0.7101	-0.7063	-0.7011	-0.6952	-0.6894	-0.6851	-0.6835
	W	0.0	0.0939	0.1742	0.2290	0.2495	0.2322	0.1788	0.0972	0.0000
0.700	A	2.2169	2.2129	2.2016	2.1844	2.1641	2.1435	2.1260	2.1143	2.1102
	RHO	4.9062	4.9039	4.8859	4.8638	4.8383	4.8135	4.7930	4.7797	4.7751
	P	2.3479	2.3370	2.3060	2.2600	2.2064	2.1537	2.1096	2.0806	2.0704
	U	2.2049	2.2229	2.2745	2.3518	2.4435	2.5355	2.6138	2.6663	2.6848
	V	-0.7912	-0.7905	-0.7881	-0.7841	-0.7787	-0.7725	-0.7663	-0.7617	-0.7600
	W	0.0	0.0961	0.1782	0.2341	0.2550	0.2372	0.1826	0.0992	0.0000
0.800	A	2.2141	2.2102	2.1988	2.1817	2.1614	2.1409	2.1235	2.1119	2.1078
	RHO	4.8762	4.8713	4.8572	4.8363	4.8117	4.7873	4.7668	4.7532	4.7485
	P	2.3278	2.3171	2.2868	2.2416	2.1889	2.1368	2.0932	2.0644	2.0543
	U	2.1914	2.2095	2.2612	2.3388	2.4308	2.5231	2.6017	2.6544	2.6729
	V	-0.8652	-0.8644	-0.8619	-0.8579	-0.8524	-0.8458	-0.8396	-0.8347	-0.8329
	W	0.0	0.0979	0.1816	0.2385	0.2597	0.2414	0.1857	0.1009	0.0000
0.900	A	2.2113	2.2073	2.1959	2.1789	2.1586	2.1382	2.1209	2.1094	2.1053
	RHO	4.8448	4.8402	4.8271	4.8073	4.7836	4.7596	4.7391	4.7253	4.7204
	P	2.3069	2.2964	2.2667	2.2223	2.1704	2.1190	2.0759	2.0473	2.0374
	U	2.1776	2.1958	2.2476	2.3254	2.4175	2.5103	2.5892	2.6420	2.6606
	V	-0.9353	-0.9345	-0.9321	-0.9280	-0.9223	-0.9157	-0.9091	-0.9042	-0.9024
	W	0.0	0.0996	0.1846	0.2423	0.2638	0.2451	0.1885	0.1023	0.0000
1.000	A	2.2083	2.2043	2.1930	2.1759	2.1557	2.1354	2.1182	2.1067	2.1027
	RHO	4.8123	4.8080	4.7957	4.7769	4.7541	4.7306	4.7101	4.6961	4.6912
	P	2.2852	2.2750	2.2458	2.2023	2.1512	2.1005	2.0579	2.0296	2.0197
THS/THC		1.2336	1.2327	1.2301	1.2261	1.2211	1.2159	1.2113	1.2081	1.2070

M= 6.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.5320

XI		PHI 0.0
	U	3.1028
	V	0.0000
	W	0.0
-0.000	A	2.5049
	RHO	5.2709
	P	2.2365
	U	3.1027
	V	-0.0336
	W	0.0
0.025	A	2.5049
	RHO	5.2706
	P	2.2363
	U	3.1024
	V	-0.0667
	W	0.0
0.050	A	2.5048
	RHO	5.2700
	P	2.2359
	U	3.1014
	V	-0.1312
	W	0.0
0.100	A	2.5046
	RHO	5.2673
	P	2.2343
	U	3.0974
	V	-0.2540
	W	0.0
0.200	A	2.5036
	RHO	5.2576
	P	2.2286
	U	3.0915
	V	-0.3694
	W	0.0
0.300	A	2.5023
	RHO	5.2430
	P	2.2199
	U	3.0837
	V	-0.4783
	W	0.0
0.400	A	2.5005
	RHO	5.2245
	P	2.2089
	U	3.0745
	V	-0.5812
	W	0.0
0.500	A	2.4984
	RHO	5.2026
	P	2.1960
	U	3.0641
	V	-0.6787
	W	0.0
0.600	A	2.4960
	RHO	5.1781
	P	2.1815
	U	3.0526
	V	-0.7715
	W	0.0
0.700	A	2.4934
	RHO	5.1513
	P	2.1658
	U	3.0404
	V	-0.8599
	W	0.0
0.800	A	2.4907
	RHO	5.1225
	P	2.1488
	U	3.0274
	V	-0.9444
	W	0.0
0.900	A	2.4877
	RHO	5.0921
	P	2.1309
	U	3.0140
	V	-1.0253
	W	0.0
1.000	A	2.4845
	RHO	5.0600
	P	2.1122

THS/THC 1.1969

M= 6.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 4.5320

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.0476	3.0491	3.0533	3.0596	3.0671	3.0745	3.0808	3.0850	3.0865
	V	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0097	0.0179	0.0234	0.0253	0.0234	0.0179	0.0097	0.0000
0.0	A	2.5184	2.5180	2.5170	2.5155	2.5137	2.5118	2.5103	2.5093	2.5089
	RHO	5.2832	5.2794	5.2686	5.2525	5.2336	5.2147	5.1988	5.1882	5.1845
	P	2.2659	2.2636	2.2571	2.2475	2.2362	2.2249	2.2154	2.2091	2.2069
	U	3.0475	3.0516	3.0633	3.0808	3.1017	3.1228	3.1408	3.1529	3.1571
	V	-0.0339	-0.0339	-0.0338	-0.0337	-0.0337	-0.0336	-0.0336	-0.0335	-0.0335
	W	0.0	0.0126	0.0232	0.0303	0.0328	0.0303	0.0231	0.0125	0.0000
0.025	A	2.5184	2.5174	2.5145	2.5102	2.5051	2.4998	2.4954	2.4923	2.4912
	RHO	5.2829	5.2818	5.2786	5.2741	5.2691	5.2646	5.2610	5.2588	5.2581
	P	2.2658	2.2635	2.2570	2.2473	2.2360	2.2248	2.2153	2.2089	2.2067
	U	3.0473	3.0514	3.0631	3.0807	3.1016	3.1226	3.1406	3.1526	3.1569
	V	-0.0671	-0.0671	-0.0670	-0.0669	-0.0667	-0.0666	-0.0665	-0.0665	-0.0664
	W	0.0	0.0137	0.0254	0.0332	0.0359	0.0332	0.0254	0.0138	0.0000
0.050	A	2.5183	2.5173	2.5145	2.5101	2.5050	2.4997	2.4953	2.4922	2.4912
	RHO	5.2823	5.2811	5.2780	5.2736	5.2686	5.2641	5.2604	5.2582	5.2574
	P	2.2653	2.2631	2.2566	2.2469	2.2356	2.2243	2.2149	2.2085	2.2063
	U	3.0462	3.0503	3.0621	3.0797	3.1007	3.1217	3.1396	3.1516	3.1559
	V	-0.1319	-0.1319	-0.1317	-0.1315	-0.1312	-0.1310	-0.1308	-0.1306	-0.1306
	W	0.0	0.0153	0.0283	0.0371	0.0402	0.0372	0.0285	0.0154	0.0000
0.100	A	2.5181	2.5171	2.5142	2.5098	2.5047	2.4995	2.4950	2.4920	2.4909
	RHO	5.2796	5.2785	5.2755	5.2711	5.2662	5.2616	5.2579	5.2556	5.2548
	P	2.2637	2.2614	2.2550	2.2454	2.2343	2.2228	2.2133	2.2070	2.2048
	U	3.0422	3.0464	3.0582	3.0759	3.0969	3.1179	3.1358	3.1478	3.1520
	V	-0.2554	-0.2553	-0.2550	-0.2546	-0.2541	-0.2536	-0.2531	-0.2528	-0.2527
	W	0.0	0.0175	0.0323	0.0422	0.0458	0.0424	0.0325	0.0176	0.0000
0.200	A	2.5171	2.5161	2.5132	2.5089	2.5037	2.4985	2.4941	2.4911	2.4900
	RHO	5.2698	5.2687	5.2658	5.2616	5.2568	5.2522	5.2484	5.2460	5.2452
	P	2.2578	2.2556	2.2492	2.2396	2.2283	2.2171	2.2076	2.2014	2.1992
	U	3.0361	3.0403	3.0521	3.0699	3.0913	3.1120	3.1299	3.1419	3.1461
	V	-0.3714	-0.3713	-0.3709	-0.3703	-0.3695	-0.3688	-0.3681	-0.3677	-0.3675
	W	0.0	0.0189	0.0350	0.0458	0.0497	0.0460	0.0353	0.0191	0.0000
0.300	A	2.5157	2.5147	2.5118	2.5074	2.5023	2.4971	2.4927	2.4897	2.4886
	RHO	5.2550	5.2540	5.2512	5.2471	5.2423	5.2378	5.2340	5.2316	5.2307
	P	2.2490	2.2467	2.2404	2.2308	2.2197	2.2085	2.1991	2.1929	2.1907
	U	3.0282	3.0324	3.0443	3.0622	3.0832	3.1044	3.1223	3.1343	3.1385
	V	-0.4808	-0.4806	-0.4801	-0.4793	-0.4783	-0.4774	-0.4766	-0.4760	-0.4758
	W	0.0	0.0200	0.0371	0.0485	0.0526	0.0487	0.0374	0.0202	0.0000
0.400	A	2.5139	2.5129	2.5100	2.5056	2.5005	2.4953	2.4909	2.4879	2.4869
	RHO	5.2362	5.2352	5.2325	5.2285	5.2239	5.2194	5.2157	5.2133	5.2124
	P	2.2377	2.2355	2.2292	2.2198	2.2087	2.1977	2.1883	2.1821	2.1799
	U	3.0188	3.0230	3.0350	3.0529	3.0743	3.0952	3.1132	3.1252	3.1295
	V	-0.5842	-0.5839	-0.5833	-0.5824	-0.5813	-0.5801	-0.5791	-0.5785	-0.5782
	W	0.0	0.0210	0.0388	0.0507	0.0553	0.0509	0.0391	0.0212	0.0000
0.500	A	2.5118	2.5108	2.5079	2.5035	2.4984	2.4932	2.4888	2.4859	2.4848
	RHO	5.2141	5.2132	5.2105	5.2067	5.2022	5.1973	5.1941	5.1917	5.1909
	P	2.2245	2.2223	2.2161	2.2068	2.1958	2.1849	2.1757	2.1695	2.1673
	U	3.0082	3.0124	3.0244	3.0424	3.0636	3.0849	3.1029	3.1150	3.1192
	V	-0.6821	-0.6819	-0.6812	-0.6801	-0.6788	-0.6775	-0.6764	-0.6757	-0.6754
	W	0.0	0.0217	0.0402	0.0526	0.0573	0.0528	0.0405	0.0219	0.0000
0.600	A	2.5094	2.5084	2.5055	2.5011	2.4960	2.4909	2.4865	2.4835	2.4825
	RHO	5.1893	5.1884	5.1859	5.1821	5.1778	5.1735	5.1699	5.1675	5.1667
	P	2.2097	2.2076	2.2014	2.1922	2.1813	2.1705	2.1614	2.1553	2.1532
	U	2.9966	3.0008	3.0129	3.0309	3.0522	3.0735	3.0916	3.1037	3.1080
	V	-0.7752	-0.7750	-0.7742	-0.7730	-0.7715	-0.7702	-0.7689	-0.7681	-0.7678
	W	0.0	0.0224	0.0414	0.0541	0.0587	0.0543	0.0416	0.0226	0.0000
0.700	A	2.5068	2.5057	2.5029	2.4985	2.4934	2.4883	2.4839	2.4810	2.4800
	RHO	5.1622	5.1613	5.1589	5.1553	5.1511	5.1469	5.1433	5.1410	5.1402
	P	2.1936	2.1914	2.1853	2.1763	2.1656	2.1549	2.1459	2.1399	2.1378
	U	2.9842	2.9884	3.0005	3.0186	3.0399	3.0613	3.0795	3.0916	3.0959
	V	-0.8639	-0.8636	-0.8628	-0.8616	-0.8601	-0.8585	-0.8572	-0.8562	-0.8559
	W	0.0	0.0229	0.0424	0.0555	0.0601	0.0557	0.0427	0.0231	0.0000
0.800	A	2.5039	2.5029	2.5000	2.4957	2.4906	2.4855	2.4811	2.4782	2.4772
	RHO	5.1331	5.1322	5.1299	5.1264	5.1224	5.1183	5.1148	5.1125	5.1117
	P	2.1763	2.1742	2.1682	2.1592	2.1487	2.1382	2.1292	2.1233	2.1212
	U	2.9711	2.9753	2.9874	3.0056	3.0270	3.0485	3.0667	3.0789	3.0831
	V	-0.9486	-0.9483	-0.9475	-0.9461	-0.9445	-0.9429	-0.9415	-0.9405	-0.9402
	W	0.0	0.0234	0.0433	0.0566	0.0614	0.0568	0.0435	0.0236	0.0000
0.900	A	2.5009	2.4999	2.4970	2.4927	2.4876	2.4825	2.4782	2.4753	2.4743
	RHO	5.1022	5.1015	5.0992	5.0959	5.0919	5.0880	5.0846	5.0824	5.0816
	P	2.1580	2.1559	2.1500	2.1412	2.1308	2.1204	2.1116	2.1058	2.1037
	U	2.9574	2.9617	2.9738	2.9920	3.0135	3.0351	3.0533	3.0655	3.0698
	V	-1.0297	-1.0294	-1.0285	-1.0271	-1.0254	-1.0237	-1.0222	-1.0212	-1.0208
	W	0.0	0.0238	0.0441	0.0577	0.0625	0.0578	0.0443	0.0240	0.0000
1.000	A	2.4977	2.4967	2.4939	2.4896	2.4845	2.4794	2.4751	2.4722	2.4712
	RHO	5.0699	5.0691	5.0670	5.0638	5.0600	5.0561	5.0529	5.0507	5.0499
	P	2.1389	2.1368	2.1310	2.1223	2.1121	2.1019	2.0932	2.0874	2.0854
THS/THC		1.1994	1.1992	1.1987	1.1979	1.1970	1.1961	1.1953	1.1947	1.1945

M= 6.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 4.5320

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.8187	2.8267	2.8495	2.8837	2.9239	2.9640	2.9978	3.0202	3.0281
	V	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0526	0.0972	0.1268	0.1368	0.1259	0.0958	0.0516	0.0000
0.0	A	2.5712	2.5693	2.5640	2.5561	2.5468	2.5377	2.5300	2.5249	2.5231
	RHO	5.3302	5.3109	5.2562	5.1756	5.0825	4.9918	4.9166	4.8674	4.8503
	P	2.3829	2.3708	2.3367	2.2867	2.2294	2.1738	2.1281	2.0983	2.0880
	U	2.8186	2.8374	2.8918	2.9755	3.0780	3.1850	3.2793	3.3444	3.3676
	V	-0.0346	-0.0346	-0.0344	-0.0341	-0.0338	-0.0334	-0.0331	-0.0329	-0.0328
	W	0.0	0.0641	0.1180	0.1533	0.1647	0.1509	0.1147	0.0618	0.0000
0.025	A	2.5712	2.5669	2.5543	2.5346	2.5099	2.4832	2.4589	2.4417	2.4355
	RHO	5.3300	5.3207	5.2959	5.2635	5.2332	5.2129	5.2046	5.2043	5.2052
	P	2.3827	2.3707	2.3366	2.2866	2.2293	2.1737	2.1280	2.0982	2.0879
	U	2.8183	2.8376	2.8931	2.9781	3.0813	3.1879	3.2810	3.3447	3.3674
	V	-0.0686	-0.0685	-0.0681	-0.0676	-0.0670	-0.0663	-0.0657	-0.0653	-0.0652
	W	0.0	0.0692	0.1278	0.1667	0.1800	0.1660	0.1269	0.0686	0.0000
0.050	A	2.5711	2.5667	2.5538	2.5337	2.5087	2.4822	2.4582	2.4415	2.4354
	RHO	5.3293	5.3206	5.2972	5.2664	5.2371	5.2165	5.2067	5.2045	5.2046
	P	2.3823	2.3702	2.3362	2.2862	2.2289	2.1734	2.1277	2.0978	2.0875
	U	2.8171	2.8369	2.8936	2.9798	3.0837	3.1899	3.2819	3.3443	3.3664
	V	-0.1349	-0.1347	-0.1340	-0.1330	-0.1317	-0.1304	-0.1292	-0.1284	-0.1281
	W	0.0	0.0765	0.1415	0.1852	0.2010	0.1863	0.1431	0.0776	0.0000
0.100	A	2.5708	2.5662	2.5530	2.5325	2.5073	2.4808	2.4573	2.4410	2.4352
	RHO	5.3264	5.3184	5.2968	5.2679	5.2398	5.2188	5.2072	5.2029	5.2020
	P	2.3805	2.3685	2.3346	2.2847	2.2275	2.1720	2.1263	2.0964	2.0861
	U	2.8128	2.8330	2.8909	2.9784	3.0829	3.1889	3.2799	3.3412	3.3629
	V	-0.2613	-0.2608	-0.2596	-0.2577	-0.2552	-0.2526	-0.2501	-0.2484	-0.2477
	W	0.0	0.0864	0.1602	0.2103	0.2293	0.2130	0.1641	0.0892	0.0000
0.200	A	2.5698	2.5651	2.5515	2.5306	2.5051	2.4788	2.4557	2.4399	2.4343
	RHO	5.3161	5.3090	5.2895	5.2630	5.2363	5.2150	5.2014	5.1947	5.1928
	P	2.3741	2.3622	2.3285	2.2791	2.2221	2.1668	2.1211	2.0913	2.0809
	U	2.8061	2.8266	2.8852	2.9734	3.0784	3.1844	3.2750	3.3359	3.3574
	V	-0.3798	-0.3792	-0.3775	-0.3748	-0.3712	-0.3674	-0.3637	-0.3611	-0.3601
	W	0.0	0.0935	0.1734	0.2278	0.2484	0.2312	0.1782	0.0969	0.0000
0.300	A	2.5683	2.5635	2.5496	2.5285	2.5029	2.4767	2.4540	2.4385	2.4330
	RHO	5.3006	5.2940	5.2761	5.2515	5.2259	5.2044	5.1896	5.1816	5.1791
	P	2.3644	2.3526	2.3193	2.2704	2.2139	2.1588	2.1133	2.0835	2.0732
	U	2.7976	2.8182	2.8773	2.9660	3.0715	3.1776	3.2681	3.3289	3.3503
	V	-0.4913	-0.4906	-0.4885	-0.4850	-0.4806	-0.4756	-0.4709	-0.4675	-0.4662
	W	0.0	0.0990	0.1837	0.2414	0.2633	0.2451	0.1889	0.1027	0.0000
0.400	A	2.5664	2.5615	2.5475	2.5262	2.5005	2.4745	2.4520	2.4368	2.4314
	RHO	5.2808	5.2748	5.2583	5.2352	5.2106	5.1892	5.1736	5.1645	5.1616
	P	2.3520	2.3404	2.3076	2.2593	2.2033	2.1487	2.1034	2.0737	2.0634
	U	2.7875	2.8083	2.8676	2.9569	3.0627	3.1691	3.2597	3.3204	3.3418
	V	-0.5965	-0.5957	-0.5932	-0.5892	-0.5839	-0.5780	-0.5723	-0.5682	-0.5667
	W	0.0	0.1036	0.1921	0.2525	0.2753	0.2562	0.1974	0.1073	0.0000
0.500	A	2.5641	2.5592	2.5451	2.5237	2.4981	2.4721	2.4498	2.4348	2.4295
	RHO	5.2576	5.2521	5.2368	5.2151	5.1916	5.1703	5.1542	5.1444	5.1411
	P	2.3376	2.3262	2.2939	2.2462	2.1909	2.1367	2.0918	2.0622	2.0520
	U	2.7761	2.7970	2.8567	2.9463	3.0525	3.1592	3.2499	3.3107	3.3321
	V	-0.6960	-0.6950	-0.6923	-0.6878	-0.6818	-0.6751	-0.6686	-0.6639	-0.6621
	W	0.0	0.1074	0.1991	0.2617	0.2852	0.2654	0.2044	0.1111	0.0000
0.600	A	2.5616	2.5566	2.5425	2.5210	2.4954	2.4696	2.4474	2.4325	2.4273
	RHO	5.2316	5.2265	5.2124	5.1920	5.1694	5.1484	5.1319	5.1216	5.1181
	P	2.3214	2.3102	2.2784	2.2314	2.1769	2.1233	2.0787	2.0493	2.0391
	U	2.7637	2.7847	2.8446	2.9346	3.0411	3.1481	3.2391	3.3001	3.3215
	V	-0.7903	-0.7893	-0.7863	-0.7813	-0.7748	-0.7674	-0.7602	-0.7550	-0.7531
	W	0.0	0.1106	0.2052	0.2695	0.2937	0.2731	0.2102	0.1142	0.0000
0.700	A	2.5588	2.5538	2.5396	2.5181	2.4926	2.4668	2.4448	2.4301	2.4249
	RHO	5.2031	5.1985	5.1855	5.1664	5.1448	5.1241	5.1074	5.0966	5.0929
	P	2.3037	2.2927	2.2616	2.2153	2.1615	2.1085	2.0644	2.0352	2.0251
	U	2.7504	2.7715	2.8316	2.9219	3.0289	3.1362	3.2275	3.2886	3.3101
	V	-0.8800	-0.8789	-0.8757	-0.8704	-0.8634	-0.8553	-0.8476	-0.8420	-0.8399
	W	0.0	0.1135	0.2104	0.2763	0.3009	0.2798	0.2152	0.1169	0.0000
0.800	A	2.5558	2.5508	2.5366	2.5151	2.4896	2.4639	2.4421	2.4274	2.4223
	RHO	5.1727	5.1685	5.1565	5.1387	5.1183	5.0977	5.0808	5.0697	5.0658
	P	2.2849	2.2741	2.2435	2.1981	2.1451	2.0927	2.0490	2.0201	2.0100
	U	2.7365	2.7577	2.8180	2.9086	3.0158	3.1235	3.2151	3.2765	3.2980
	V	-0.9654	-0.9643	-0.9609	-0.9553	-0.9479	-0.9394	-0.9312	-0.9252	-0.9230
	W	0.0	0.1160	0.2150	0.2823	0.3073	0.2855	0.2195	0.1192	0.0000
0.900	A	2.5526	2.5476	2.5334	2.5119	2.4864	2.4609	2.4392	2.4246	2.4195
	RHO	5.1406	5.1367	5.1257	5.1091	5.0893	5.0694	5.0525	5.0411	5.0371
	P	2.2650	2.2545	2.2245	2.1799	2.1277	2.0760	2.0327	2.0041	1.9941
	U	2.7221	2.7433	2.8038	2.8947	3.0022	3.1103	3.2022	3.2638	3.2854
	V	-1.0470	-1.0458	-1.0423	-1.0365	-1.0288	-1.0199	-1.0113	-1.0051	-1.0027
	W	0.0	0.1182	0.2191	0.2875	0.3128	0.2905	0.2233	0.1212	0.0000
1.000	A	2.5493	2.5443	2.5300	2.5085	2.4832	2.4577	2.4361	2.4217	2.4166
	RHO	5.1069	5.1034	5.0933	5.0778	5.0593	5.0395	5.0225	5.0109	5.0068
	P	2.2443	2.2340	2.2046	2.1608	2.1094	2.0585	2.0156	1.9872	1.9773
THS/THC		1.2104	1.2096	1.2072	1.2034	1.1989	1.1941	1.1899	1.1870	1.1860

M= 6.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 4.5320

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.5106	2.5283	2.5785	2.6538	2.7428	2.8315	2.9060	2.9551	2.9722
	V	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0	-0.0000	0.0000
	W	0.0	0.1154	0.2138	0.2801	0.3031	0.2784	0.2105	0.1123	0.0000
0.0	A	2.6343	2.6304	2.6194	2.6030	2.5840	2.5653	2.5499	2.5399	2.5364
	RHO	5.3848	5.3453	5.2344	5.0731	4.8903	4.7163	4.5763	4.4868	4.4561
	P	2.5268	2.5009	2.4286	2.3245	2.2083	2.0989	2.0122	1.9573	1.9385
	U	2.5105	2.5448	2.6446	2.8013	3.0001	3.2179	3.4197	3.5636	3.6157
	V	-0.0359	-0.0357	-0.0354	-0.0348	-0.0342	-0.0335	-0.0329	-0.0324	-0.0322
	W	0.0	0.1319	0.2426	0.3141	0.3353	0.3039	0.2286	0.1224	0.0000
0.025	A	2.6342	2.6270	2.6056	2.5711	2.5253	2.4719	2.4188	2.3784	2.3633
	RHO	5.3845	5.3589	5.2899	5.2000	5.1203	5.0796	5.0860	5.1163	5.1325
	P	2.5267	2.5008	2.4286	2.3245	2.2081	2.0989	2.0121	1.9572	1.9384
	U	2.5102	2.5460	2.6500	2.8120	3.0144	3.2315	3.4281	3.5660	3.6155
	V	-0.0710	-0.0708	-0.0700	-0.0690	-0.0677	-0.0664	-0.0652	-0.0643	-0.0639
	W	0.0	0.1405	0.2592	0.3374	0.3633	0.3339	0.2548	0.1379	0.0000
0.050	A	2.6342	2.6265	2.6040	2.5680	2.5213	2.4675	2.4157	2.3774	2.3632
	RHO	5.3837	5.3598	5.2956	5.2120	5.1377	5.0976	5.0983	5.1198	5.1318
	P	2.5261	2.5004	2.4283	2.3244	2.2080	2.0988	2.0119	1.9569	1.9381
	U	2.5089	2.5464	2.6548	2.8219	3.0277	3.2438	3.4354	3.5676	3.6146
	V	-0.1396	-0.1391	-0.1378	-0.1358	-0.1334	-0.1308	-0.1282	-0.1262	-0.1254
	W	0.0	0.1531	0.2834	0.3712	0.4034	0.3750	0.2892	0.1577	0.0000
0.100	A	2.6339	2.6258	2.6020	2.5644	2.5161	2.4625	2.4124	2.3762	2.3630
	RHO	5.3807	5.3590	5.3006	5.2244	5.1557	5.1158	5.1097	5.1218	5.1294
	P	2.5242	2.4985	2.4268	2.3233	2.2071	2.0978	2.0108	1.9556	1.9368
	U	2.5039	2.5431	2.6560	2.8282	3.0370	3.2521	3.4392	3.5664	3.6114
	V	-0.2700	-0.2692	-0.2670	-0.2634	-0.2589	-0.2537	-0.2482	-0.2438	-0.2421
	W	0.0	0.1712	0.3179	0.4187	0.4584	0.4295	0.3334	0.1824	0.0000
0.200	A	2.6328	2.6241	2.5990	2.5595	2.5103	2.4566	2.4083	2.3744	2.3622
	RHO	5.3696	5.3508	5.3000	5.2332	5.1710	5.1306	5.1163	5.1179	5.1206
	P	2.5169	2.4916	2.4209	2.3184	2.2029	2.0938	2.0066	1.9511	1.9321
	U	2.4964	2.5366	2.6518	2.8268	3.0372	3.2520	3.4372	3.5622	3.6063
	V	-0.3919	-0.3909	-0.3880	-0.3833	-0.3769	-0.3691	-0.3609	-0.3542	-0.3516
	W	0.0	0.1845	0.3430	0.4529	0.4971	0.4666	0.3626	0.1984	0.0000
0.300	A	2.6311	2.6222	2.5961	2.5557	2.5054	2.4524	2.4052	2.3726	2.3610
	RHO	5.3529	5.3363	5.2912	5.2311	5.1733	5.1324	5.1128	5.1078	5.1076
	P	2.5059	2.4811	2.4116	2.3104	2.1963	2.0873	2.0000	1.9443	1.9253
	U	2.4868	2.5276	2.6445	2.8213	3.0329	3.2477	3.4320	3.5560	3.5997
	V	-0.5061	-0.5049	-0.5015	-0.4959	-0.4879	-0.4779	-0.4671	-0.4584	-0.4549
	W	0.0	0.1952	0.3631	0.4798	0.5270	0.4949	0.3845	0.2102	0.0000
0.400	A	2.6290	2.6198	2.5932	2.5520	2.5014	2.4486	2.4023	2.3707	2.3595
	RHO	5.3317	5.3170	5.2767	5.2222	5.1683	5.1268	5.1032	5.0935	5.0912
	P	2.4921	2.4678	2.3996	2.3000	2.1867	2.0787	1.9916	1.9358	1.9166
	U	2.4756	2.5168	2.6348	2.8129	3.0255	3.2406	3.4247	3.5483	3.5918
	V	-0.6134	-0.6121	-0.6083	-0.6019	-0.5926	-0.5807	-0.5676	-0.5570	-0.5529
	W	0.0	0.2041	0.3798	0.5019	0.5513	0.5174	0.4016	0.2195	0.0000
0.500	A	2.6266	2.6172	2.5901	2.5485	2.4977	2.4451	2.3995	2.3686	2.3577
	RHO	5.3070	5.2939	5.2580	5.2084	5.1575	5.1161	5.0894	5.0759	5.0720
	P	2.4759	2.4521	2.3853	2.2875	2.1757	2.0684	1.9815	1.9257	1.9065
	U	2.4630	2.5046	2.6234	2.8025	3.0160	3.2316	3.4157	3.5394	3.5828
	V	-0.7144	-0.7131	-0.7090	-0.7019	-0.6915	-0.6779	-0.6629	-0.6508	-0.6460
	W	0.0	0.2117	0.3939	0.5205	0.5715	0.5360	0.4156	0.2269	0.0000
0.600	A	2.6238	2.6143	2.5869	2.5449	2.4943	2.4417	2.3967	2.3663	2.3557
	RHO	5.2793	5.2677	5.2357	5.1907	5.1428	5.1015	5.0722	5.0557	5.0505
	P	2.4578	2.4347	2.3693	2.2733	2.1631	2.0568	1.9702	1.9144	1.8952
	U	2.4494	2.4912	2.6106	2.7906	3.0048	3.2210	3.4056	3.5294	3.5729
	V	-0.8099	-0.8095	-0.8042	-0.7966	-0.7852	-0.7702	-0.7536	-0.7401	-0.7349
	W	0.0	0.2183	0.4062	0.5365	0.5887	0.5516	0.4272	0.2330	0.0000
0.700	A	2.6209	2.6112	2.5835	2.5413	2.4903	2.4383	2.3938	2.3640	2.3535
	RHO	5.2492	5.2390	5.2107	5.1699	5.1248	5.0837	5.0524	5.0333	5.0269
	P	2.4382	2.4157	2.3519	2.2577	2.1492	2.0439	1.9578	1.9020	1.8828
	U	2.4350	2.4769	2.5969	2.7775	2.9925	3.2094	3.3944	3.5186	3.5622
	V	-0.9003	-0.8988	-0.8943	-0.8863	-0.8742	-0.8580	-0.8401	-0.8255	-0.8198
	W	0.0	0.2241	0.4169	0.5504	0.6035	0.5649	0.4370	0.2382	0.0000
0.800	A	2.6176	2.6079	2.5800	2.5376	2.4866	2.4349	2.3909	2.3614	2.3511
	RHO	5.2171	5.2083	5.1833	5.1465	5.1041	5.0633	5.0302	5.0090	5.0016
	P	2.4174	2.3954	2.3332	2.2410	2.1342	2.0300	1.9444	1.8889	1.8696
	U	2.4199	2.4620	2.5823	2.7636	2.9792	3.1968	3.3825	3.5071	3.5509
	V	-0.9861	-0.9846	-0.9800	-0.9717	-0.9589	-0.9418	-0.9228	-0.9073	-0.9013
	W	0.0	0.2293	0.4264	0.5626	0.6163	0.5763	0.4454	0.2425	0.0000
0.900	A	2.6142	2.6045	2.5764	2.5338	2.4829	2.4315	2.3878	2.3587	2.3486
	RHO	5.1834	5.1758	5.1540	5.1209	5.0813	5.0406	5.0061	4.9829	4.9748
	P	2.3955	2.3741	2.3135	2.2233	2.1182	2.0153	1.9302	1.8747	1.8555
	U	2.4044	2.4466	2.5672	2.7489	2.9652	3.1835	3.3699	3.4959	3.5390
	V	-1.0678	-1.0663	-1.0615	-1.0529	-1.0397	-1.0218	-1.0020	-0.9858	-0.9795
	W	0.0	0.2339	0.4348	0.5734	0.6277	0.5863	0.4527	0.2463	0.0000
1.000	A	2.6107	2.6009	2.5727	2.5301	2.4792	2.4281	2.3847	2.3559	2.3459
	RHO	5.1482	5.1418	5.1230	5.0933	5.0560	5.0161	4.9803	4.9554	4.9465
	P	2.3728	2.3520	2.2929	2.2047	2.1015	1.9998	1.9153	1.8599	1.8408
THS/THC		1.2275	1.2260	1.2215	1.2144	1.2052	1.1951	1.1859	1.1794	1.1771

M= 7.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.3073

X1	PHI	0.0
	U	3.6741
	V	-0.0000
	W	0.0
-0.000	A	2.8461
	RHO	5.4822
	P	2.2063
	U	3.6740
	V	-0.0367
	W	0.0
0.025	A	2.8461
	RHO	5.4820
	P	2.2061
	U	3.6737
	V	-0.0728
	W	0.0
0.050	A	2.8460
	RHO	5.4813
	P	2.2057
	U	3.6727
	V	-0.1434
	W	0.0
0.100	A	2.8457
	RHO	5.4788
	P	2.2043
	U	3.6687
	V	-0.2783
	W	0.0
0.200	A	2.8448
	RHO	5.4694
	P	2.1990
	U	3.6626
	V	-0.4057
	W	0.0
0.300	A	2.8433
	RHO	5.4551
	P	2.1910
	U	3.6546
	V	-0.5264
	W	0.0
0.400	A	2.8414
	RHO	5.4368
	P	2.1807
	U	3.6451
	V	-0.6410
	W	0.0
0.500	A	2.8391
	RHO	5.4152
	P	2.1686
	U	3.6343
	V	-0.7501
	W	0.0
0.600	A	2.8365
	RHO	5.3907
	P	2.1549
	U	3.6223
	V	-0.8542
	W	0.0
0.700	A	2.8337
	RHO	5.3638
	P	2.1398
	U	3.6095
	V	-0.9537
	W	0.0
0.800	A	2.8306
	RHO	5.3348
	P	2.1237
	U	3.5958
	V	-1.0492
	W	0.0
0.900	A	2.8273
	RHO	5.3039
	P	2.1065
	U	3.5815
	V	-1.1409
	W	0.0
1.000	A	2.8239
	RHO	5.2713
	P	2.0884

THS/THC 1.1845

M= 7.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 5.3073

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.6106	3.6123	3.6169	3.6239	3.6321	3.6403	3.6473	3.6519	3.6536
	V	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.0107	0.0198	0.0259	0.0280	0.0259	0.0198	0.0107	0.0000
0.0	A	2.8623	2.8619	2.8607	2.8589	2.8568	2.8547	2.8530	2.8518	2.8514
	RHO	5.4927	5.4887	5.4773	5.4604	5.4404	5.4206	5.4038	5.3926	5.3887
	P	2.2357	2.2334	2.2269	2.2173	2.2059	2.1947	2.1852	2.1789	2.1767
	U	3.6105	3.6152	3.6287	3.6489	3.6729	3.6972	3.7179	3.7318	3.7367
	V	-0.0370	-0.0369	-0.0368	-0.0367	-0.0367	-0.0366	-0.0366	-0.0366	-0.0366
	W	0.0	0.0141	0.0260	0.0340	0.0367	0.0339	0.0259	0.0140	0.0000
0.025	A	2.8623	2.8611	2.8577	2.8525	2.8463	2.8400	2.8346	2.8310	2.8297
	RHO	5.4925	5.4915	5.4887	5.4847	5.4804	5.4765	5.4736	5.4719	5.4713
	P	2.2355	2.2333	2.2268	2.2172	2.2058	2.1946	2.1851	2.1788	2.1765
	U	3.6103	3.6150	3.6285	3.6487	3.6728	3.6970	3.7177	3.7316	3.7365
	V	-0.0733	-0.0732	-0.0731	-0.0730	-0.0728	-0.0727	-0.0726	-0.0725	-0.0725
	W	0.0	0.0155	0.0286	0.0374	0.0404	0.0374	0.0286	0.0155	0.0000
0.050	A	2.8622	2.8610	2.8576	2.8524	2.8462	2.8399	2.8345	2.8309	2.8296
	RHO	5.4918	5.4908	5.4881	5.4842	5.4800	5.4761	5.4731	5.4713	5.4706
	P	2.2352	2.2329	2.2264	2.2168	2.2055	2.1942	2.1847	2.1784	2.1762
	U	3.6092	3.6139	3.6275	3.6478	3.6719	3.6961	3.7167	3.7306	3.7354
	V	-0.1442	-0.1442	-0.1440	-0.1437	-0.1434	-0.1431	-0.1429	-0.1427	-0.1427
	W	0.0	0.0174	0.0321	0.0419	0.0455	0.0420	0.0322	0.0174	0.0000
0.100	A	2.8619	2.8607	2.8573	2.8520	2.8459	2.8396	2.8342	2.8306	2.8294
	RHO	5.4892	5.4883	5.4856	5.4818	5.4776	5.4737	5.4707	5.4688	5.4681
	P	2.2337	2.2314	2.2250	2.2153	2.2043	2.1928	2.1833	2.1770	2.1748
	U	3.6052	3.6099	3.6235	3.6439	3.6681	3.6923	3.7129	3.7267	3.7315
	V	-0.2799	-0.2798	-0.2795	-0.2790	-0.2784	-0.2778	-0.2773	-0.2770	-0.2769
	W	0.0	0.0199	0.0368	0.0481	0.0521	0.0483	0.0370	0.0200	0.0000
0.200	A	2.8609	2.8597	2.8562	2.8510	2.8448	2.8386	2.8332	2.8297	2.8284
	RHO	5.4797	5.4788	5.4762	5.4726	5.4685	5.4646	5.4614	5.4594	5.4588
	P	2.2283	2.2260	2.2196	2.2100	2.1987	2.1875	2.1781	2.1718	2.1696
	U	3.5989	3.6037	3.6174	3.6378	3.6623	3.6863	3.7069	3.7207	3.7255
	V	-0.4081	-0.4079	-0.4074	-0.4067	-0.4058	-0.4049	-0.4042	-0.4037	-0.4035
	W	0.0	0.0216	0.0400	0.0524	0.0568	0.0526	0.0403	0.0218	0.0000
0.300	A	2.8594	2.8582	2.8547	2.8495	2.8433	2.8371	2.8318	2.8282	2.8269
	RHO	5.4653	5.4644	5.4619	5.4584	5.4543	5.4505	5.4474	5.4454	5.4446
	P	2.2201	2.2178	2.2114	2.2019	2.1907	2.1796	2.1702	2.1639	2.1617
	U	3.5908	3.5956	3.6093	3.6299	3.6541	3.6784	3.6991	3.7129	3.7177
	V	-0.5294	-0.5291	-0.5285	-0.5276	-0.5265	-0.5254	-0.5244	-0.5237	-0.5235
	W	0.0	0.0230	0.0425	0.0557	0.0604	0.0559	0.0428	0.0232	0.0000
0.400	A	2.8575	2.8563	2.8528	2.8475	2.8414	2.8351	2.8299	2.8263	2.8250
	RHO	5.4468	5.4459	5.4436	5.4402	5.4362	5.4324	5.4293	5.4273	5.4266
	P	2.2095	2.2073	2.2010	2.1916	2.1805	2.1694	2.1601	2.1539	2.1517
	U	3.5811	3.5859	3.5997	3.6203	3.6446	3.6690	3.6897	3.7035	3.7084
	V	-0.6445	-0.6443	-0.6435	-0.6424	-0.6411	-0.6397	-0.6386	-0.6378	-0.6375
	W	0.0	0.0241	0.0446	0.0584	0.0633	0.0586	0.0449	0.0243	0.0000
0.500	A	2.8552	2.8540	2.8505	2.8453	2.8391	2.8329	2.8276	2.8241	2.8228
	RHO	5.4249	5.4241	5.4218	5.4185	5.4147	5.4110	5.4079	5.4059	5.4052
	P	2.1971	2.1949	2.1887	2.1793	2.1684	2.1574	2.1482	2.1420	2.1398
	U	3.5701	3.5749	3.5887	3.6094	3.6338	3.6583	3.6790	3.6929	3.6977
	V	-0.7541	-0.7538	-0.7530	-0.7517	-0.7502	-0.7486	-0.7473	-0.7464	-0.7460
	W	0.0	0.0250	0.0463	0.0606	0.0657	0.0608	0.0466	0.0253	0.0000
0.600	A	2.8526	2.8513	2.8479	2.8427	2.8365	2.8303	2.8250	2.8215	2.8203
	RHO	5.4001	5.3994	5.3972	5.3940	5.3904	5.3867	5.3837	5.3817	5.3811
	P	2.1831	2.1809	2.1747	2.1655	2.1547	2.1438	2.1347	2.1286	2.1264
	U	3.5580	3.5628	3.5767	3.5974	3.6219	3.6464	3.6672	3.6811	3.6860
	V	-0.8587	-0.8583	-0.8574	-0.8560	-0.8543	-0.8526	-0.8511	-0.8500	-0.8497
	W	0.0	0.0258	0.0478	0.0625	0.0678	0.0627	0.0481	0.0260	0.0000
0.700	A	2.8497	2.8485	2.8450	2.8398	2.8336	2.8275	2.8223	2.8187	2.8175
	RHO	5.3729	5.3722	5.3702	5.3671	5.3636	5.3600	5.3571	5.3552	5.3545
	P	2.1677	2.1656	2.1595	2.1504	2.1396	2.1289	2.1199	2.1139	2.1117
	U	3.5449	3.5498	3.5636	3.5844	3.6093	3.6336	3.6545	3.6684	3.6733
	V	-0.9586	-0.9583	-0.9573	-0.9557	-0.9539	-0.9520	-0.9504	-0.9493	-0.9489
	W	0.0	0.0265	0.0491	0.0642	0.0695	0.0644	0.0493	0.0267	0.0000
0.800	A	2.8466	2.8454	2.8419	2.8367	2.8306	2.8244	2.8192	2.8157	2.8145
	RHO	5.3436	5.3429	5.3410	5.3380	5.3346	5.3313	5.3284	5.3265	5.3258
	P	2.1512	2.1491	2.1431	2.1341	2.1235	2.1129	2.1040	2.0980	2.0959
	U	3.5310	3.5359	3.5499	3.5707	3.5954	3.6200	3.6410	3.6550	3.6599
	V	-1.0544	-1.0541	-1.0530	-1.0513	-1.0494	-1.0473	-1.0456	-1.0444	-1.0440
	W	0.0	0.0271	0.0502	0.0656	0.0712	0.0658	0.0504	0.0273	0.0000
0.900	A	2.8432	2.8420	2.8386	2.8334	2.8273	2.8211	2.8160	2.8125	2.8112
	RHO	5.3124	5.3117	5.3099	5.3071	5.3038	5.3006	5.2978	5.2959	5.2953
	P	2.1336	2.1315	2.1256	2.1167	2.1063	2.0959	2.0871	2.0812	2.0791
	U	3.5165	3.5215	3.5354	3.5564	3.5811	3.6058	3.6268	3.6409	3.6458
	V	-1.1464	-1.1460	-1.1449	-1.1432	-1.1411	-1.1389	-1.1371	-1.1358	-1.1354
	W	0.0	0.0277	0.0512	0.0669	0.0725	0.0671	0.0514	0.0278	0.0000
1.000	A	2.8397	2.8385	2.8350	2.8299	2.8238	2.8177	2.8125	2.8090	2.8078
	RHO	5.2794	5.2788	5.2771	5.2745	5.2713	5.2682	5.2655	5.2637	5.2630
	P	2.1151	2.1131	2.1072	2.0985	2.0882	2.0780	2.0693	2.0635	2.0614
THS/THC		1.1869	1.1867	1.1862	1.1855	1.1846	1.1837	1.1829	1.1824	1.1822

M= 7.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 5.3973

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.3478	3.3567	3.3820	3.4198	3.4643	3.5087	3.5461	3.5710	3.5797
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0582	0.1075	0.1403	0.1515	0.1394	0.1061	0.0572	0.0000
0.0	A	2.9255	2.9233	2.9172	2.9081	2.8974	2.8869	2.8780	2.8721	2.8701
	RHO	5.5327	5.5124	5.4550	5.3703	5.2725	5.1771	5.0980	5.0461	5.0281
	P	2.3525	2.3404	2.3064	2.2564	2.1991	2.1435	2.0978	2.0680	2.0577
	U	3.3477	3.3694	3.4322	3.5286	3.6466	3.7697	3.8782	3.9529	3.9796
	V	-0.0378	-0.0377	-0.0375	-0.0372	-0.0368	-0.0364	-0.0361	-0.0359	-0.0358
	W	0.0	0.0718	0.1323	0.1718	0.1845	0.1690	0.1284	0.0692	0.0000
0.025	A	2.9255	2.9203	2.9052	2.8816	2.8519	2.8199	2.7908	2.7701	2.7627
	RHO	5.5325	5.5235	5.4998	5.4693	5.4420	5.4256	5.4214	5.4241	5.4262
	P	2.3524	2.3403	2.3063	2.2563	2.1990	2.1435	2.0977	2.0679	2.0576
	U	3.3474	3.3696	3.4337	3.5315	3.6503	3.7730	3.8801	3.9533	3.9794
	V	-0.0749	-0.0748	-0.0744	-0.0738	-0.0731	-0.0723	-0.0717	-0.0712	-0.0710
	W	0.0	0.0780	0.1439	0.1876	0.2026	0.1867	0.1427	0.0772	0.0000
0.050	A	2.9254	2.9201	2.9046	2.8806	2.8506	2.8187	2.7900	2.7698	2.7626
	RHO	5.5318	5.5235	5.5013	5.4725	5.4463	5.4296	5.4237	5.4244	5.4256
	P	2.3519	2.3399	2.3059	2.2560	2.1987	2.1432	2.0974	2.0676	2.0572
	U	3.3462	3.3690	3.4343	3.5336	3.6531	3.7754	3.8812	3.9539	3.9784
	V	-0.1475	-0.1473	-0.1465	-0.1454	-0.1439	-0.1424	-0.1411	-0.1401	-0.1398
	W	0.0	0.0866	0.1601	0.2095	0.2274	0.2107	0.1618	0.0878	0.0000
0.100	A	2.9251	2.9196	2.9037	2.8792	2.8489	2.8172	2.7889	2.7694	2.7624
	RHO	5.5291	5.5215	5.5011	5.4744	5.4494	5.4322	5.4244	5.4229	5.4231
	P	2.3504	2.3383	2.3044	2.2546	2.1974	2.1419	2.0962	2.0663	2.0559
	U	3.3418	3.3651	3.4318	3.5325	3.6528	3.7747	3.8794	3.9499	3.9748
	V	-0.2865	-0.2860	-0.2846	-0.2823	-0.2795	-0.2765	-0.2737	-0.2717	-0.2709
	W	0.0	0.0984	0.1824	0.2394	0.2607	0.2424	0.1867	0.1015	0.0000
0.200	A	2.9240	2.9184	2.9020	2.8770	2.8464	2.8148	2.7871	2.7682	2.7614
	RHO	5.5191	5.5124	5.4943	5.4701	5.4467	5.4290	5.4190	5.4151	5.4142
	P	2.3444	2.3325	2.2989	2.2494	2.1925	2.1371	2.0914	2.0615	2.0512
	U	3.3350	3.3586	3.4260	3.5276	3.6484	3.7703	3.8745	3.9446	3.9692
	V	-0.4175	-0.4169	-0.4149	-0.4117	-0.4075	-0.4031	-0.3989	-0.3959	-0.3947
	W	0.0	0.1069	0.1983	0.2605	0.2839	0.2642	0.2036	0.1107	0.0000
0.300	A	2.9224	2.9167	2.9000	2.8747	2.8440	2.8126	2.7852	2.7666	2.7601
	RHO	5.5040	5.4979	5.4815	5.4592	5.4369	5.4190	5.4077	5.4022	5.4007
	P	2.3354	2.3236	2.2904	2.2413	2.1848	2.1297	2.0842	2.0544	2.0440
	U	3.3263	3.3500	3.4179	3.5201	3.6414	3.7635	3.8676	3.9374	3.9620
	V	-0.5415	-0.5406	-0.5381	-0.5340	-0.5288	-0.5230	-0.5175	-0.5135	-0.5121
	W	0.0	0.1136	0.2107	0.2769	0.3019	0.2810	0.2165	0.1177	0.0000
0.400	A	2.9204	2.9145	2.8977	2.8722	2.8415	2.8101	2.7831	2.7648	2.7583
	RHO	5.4846	5.4791	5.4660	5.4434	5.4221	5.4043	5.3921	5.3855	5.3834
	P	2.3239	2.3123	2.2794	2.2310	2.1753	2.1203	2.0749	2.0452	2.0349
	U	3.3158	3.3397	3.4081	3.5107	3.6324	3.7547	3.8589	3.9287	3.9532
	V	-0.6589	-0.6579	-0.6549	-0.6501	-0.6439	-0.6369	-0.6302	-0.6254	-0.6236
	W	0.0	0.1191	0.2210	0.2903	0.3165	0.2945	0.2268	0.1233	0.0000
0.500	A	2.9179	2.9120	2.8951	2.8694	2.8387	2.8075	2.7807	2.7626	2.7562
	RHO	5.4616	5.4566	5.4429	5.4238	5.4034	5.3857	5.3729	5.3655	5.3630
	P	2.3103	2.2989	2.2665	2.2187	2.1633	2.1090	2.0640	2.0344	2.0241
	U	3.3039	3.3280	3.3967	3.4997	3.6219	3.7445	3.8488	3.9187	3.9433
	V	-0.7704	-0.7693	-0.7659	-0.7605	-0.7533	-0.7453	-0.7376	-0.7321	-0.7300
	W	0.0	0.1238	0.2296	0.3016	0.3287	0.3058	0.2354	0.1279	0.0000
0.600	A	2.9151	2.9092	2.8922	2.8664	2.8357	2.8046	2.7780	2.7601	2.7538
	RHO	5.4357	5.4312	5.4187	5.4009	5.3816	5.3641	5.3508	5.3427	5.3400
	P	2.2949	2.2837	2.2519	2.2047	2.1500	2.0963	2.0516	2.0222	2.0119
	U	3.2909	3.3151	3.3840	3.4875	3.6100	3.7330	3.8376	3.9076	3.9322
	V	-0.8767	-0.8754	-0.8717	-0.8656	-0.8577	-0.8487	-0.8402	-0.8340	-0.8317
	W	0.0	0.1278	0.2370	0.3113	0.3391	0.3153	0.2426	0.1318	0.0000
0.700	A	2.9121	2.9061	2.8890	2.8633	2.8326	2.8016	2.7752	2.7575	2.7512
	RHO	5.4072	5.4031	5.3918	5.3753	5.3573	5.3398	5.3262	5.3176	5.3147
	P	2.2781	2.2671	2.2358	2.1894	2.1354	2.0823	2.0380	2.0088	1.9986
	U	3.2770	3.3012	3.3704	3.4742	3.5972	3.7205	3.8254	3.8956	3.9203
	V	-0.9780	-0.9767	-0.9726	-0.9661	-0.9574	-0.9477	-0.9384	-0.9316	-0.9291
	W	0.0	0.1314	0.2435	0.3197	0.3481	0.3235	0.2488	0.1351	0.0000
0.800	A	2.9088	2.9028	2.8857	2.8599	2.8292	2.7984	2.7721	2.7546	2.7484
	RHO	5.3765	5.3729	5.3626	5.3475	5.3301	5.3133	5.2995	5.2905	5.2874
	P	2.2601	2.2492	2.2185	2.1729	2.1197	2.0672	2.0233	1.9943	1.9842
	U	3.2622	3.2866	3.3560	3.4601	3.5834	3.7072	3.8124	3.8829	3.9077
	V	-1.0750	-1.0735	-1.0692	-1.0622	-1.0530	-1.0425	-1.0326	-1.0253	-1.0227
	W	0.0	0.1345	0.2492	0.3271	0.3563	0.3307	0.2542	0.1380	0.0000
0.900	A	2.9052	2.8992	2.8821	2.8563	2.8257	2.7950	2.7689	2.7515	2.7453
	RHO	5.3440	5.3407	5.3315	5.3176	5.3012	5.2848	5.2708	5.2615	5.2582
	P	2.2409	2.2303	2.2002	2.1554	2.1029	2.0511	2.0077	1.9790	1.9689
	U	3.2469	3.2713	3.3409	3.4454	3.5690	3.6932	3.7988	3.8695	3.8943
	V	-1.1679	-1.1664	-1.1619	-1.1545	-1.1447	-1.1337	-1.1232	-1.1155	-1.1127
	W	0.0	0.1372	0.2543	0.3337	0.3629	0.3370	0.2589	0.1405	0.0000
1.000	A	2.9015	2.8955	2.8783	2.8526	2.8221	2.7915	2.7655	2.7482	2.7421
	RHO	5.3097	5.3068	5.2986	5.2859	5.2704	5.2544	5.2405	5.2309	5.2275
	P	2.2208	2.2104	2.1809	2.1369	2.0853	2.0342	1.9912	1.9628	1.9528
THS/THC		1.1973	1.1965	1.1942	1.1906	1.1863	1.1817	1.1777	1.1749	1.1739

M= 7.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 5.3073

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.9965	3.0160	3.0716	3.1551	3.2537	3.3519	3.4345	3.4890	3.5079
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.1279	0.2369	0.3103	0.3357	0.3084	0.2333	0.1247	0.0000
0.0	A	3.0007	2.9962	2.9836	2.9648	2.9428	2.9213	2.9034	2.8918	2.8877
	RHO	5.5790	5.5378	5.4218	5.2529	5.0613	4.8788	4.7316	4.6373	4.6050
	P	2.4958	2.4699	2.3978	2.2939	2.1776	2.0685	1.9817	1.9266	1.9078
	U	2.9964	3.0359	3.1509	3.3316	3.5607	3.8111	4.0425	4.2072	4.2669
	V	-0.0391	-0.0389	-0.0385	-0.0380	-0.0372	-0.0365	-0.0358	-0.0352	-0.0349
	W	0.0	0.1478	0.2717	0.3515	0.3747	0.3397	0.2556	0.1369	0.0000
0.025	A	3.0007	2.9920	2.9664	2.9249	2.8699	2.8057	2.7419	2.6937	2.6755
	RHO	5.5788	5.5532	5.4849	5.3971	5.3221	5.2892	5.3054	5.3443	5.3640
	P	2.4956	2.4698	2.3978	2.2940	2.1777	2.0685	1.9817	1.9265	1.9077
	U	2.9961	3.0373	3.1571	3.3436	3.5767	3.8262	4.0519	4.2099	4.2666
	V	-0.0774	-0.0772	-0.0764	-0.0752	-0.0738	-0.0723	-0.0710	-0.0699	-0.0695
	W	0.0	0.1581	0.2914	0.3793	0.4082	0.3749	0.2861	0.1548	0.0000
0.050	A	3.0006	2.9914	2.9645	2.9213	2.8648	2.8005	2.7384	2.6925	2.6755
	RHO	5.5780	5.5544	5.4911	5.4100	5.3405	5.3083	5.3183	5.3481	5.3634
	P	2.4951	2.4694	2.3975	2.2938	2.1776	2.0684	1.9814	1.9262	1.9074
	U	2.9947	3.0379	3.1627	3.3550	3.5917	3.8400	4.0601	4.2117	4.2658
	V	-0.1525	-0.1520	-0.1505	-0.1483	-0.1455	-0.1426	-0.1397	-0.1374	-0.1365
	W	0.0	0.1731	0.3203	0.4195	0.4557	0.4234	0.3265	0.1780	0.0000
0.100	A	3.0003	2.9906	2.9622	2.9171	2.8591	2.7948	2.7346	2.6911	2.6752
	RHO	5.5752	5.5538	5.4967	5.4235	5.3603	5.3279	5.3307	5.3504	5.3610
	P	2.4933	2.4678	2.3962	2.2928	2.1768	2.0675	1.9805	1.9251	1.9062
	U	2.9897	3.0348	3.1646	3.3627	3.6027	3.8499	4.0648	4.2108	4.2625
	V	-0.2959	-0.2950	-0.2925	-0.2884	-0.2833	-0.2772	-0.2710	-0.2660	-0.2641
	W	0.0	0.1948	0.3616	0.4762	0.5211	0.4880	0.3787	0.2071	0.0000
0.200	A	2.9991	2.9888	2.9587	2.9114	2.8523	2.7883	2.7299	2.6891	2.6744
	RHO	5.5645	5.5462	5.4972	5.4337	5.3771	5.3444	5.3386	5.3470	5.3524
	P	2.4867	2.4614	2.3907	2.2883	2.1729	2.0638	1.9766	1.9210	1.9019
	U	2.9821	3.0283	3.1608	3.3620	3.6038	3.8505	4.0631	4.2067	4.2573
	V	-0.4308	-0.4296	-0.4262	-0.4207	-0.4133	-0.4044	-0.3949	-0.3873	-0.3843
	W	0.0	0.2109	0.3920	0.5173	0.5675	0.5325	0.4137	0.2263	0.0000
0.300	A	2.9974	2.9867	2.9555	2.9070	2.8467	2.7830	2.7263	2.6871	2.6731
	RHO	5.5483	5.5323	5.4893	5.4328	5.3809	5.3476	5.3360	5.3374	5.3396
	P	2.4766	2.4518	2.3821	2.2809	2.1665	2.0578	1.9705	1.9147	1.8956
	U	2.9723	3.0192	3.1535	3.3567	3.5998	3.8465	4.0581	4.2005	4.2506
	V	-0.5579	-0.5565	-0.5524	-0.5457	-0.5363	-0.5247	-0.5122	-0.5022	-0.4983
	W	0.0	0.2238	0.4163	0.5498	0.6037	0.5666	0.4400	0.2405	0.0000
0.400	A	2.9951	2.9841	2.9522	2.9028	2.8422	2.7788	2.7231	2.6850	2.6715
	RHO	5.5276	5.5136	5.4756	5.4251	5.3769	5.3432	5.3273	5.3234	5.3234
	P	2.4636	2.4393	2.3709	2.2712	2.1579	2.0498	1.9626	1.9067	1.8875
	U	2.9606	3.0080	3.1436	3.3483	3.5926	3.8396	4.0508	4.1927	4.2426
	V	-0.6780	-0.6764	-0.6718	-0.6640	-0.6529	-0.6388	-0.6236	-0.6114	-0.6067
	W	0.0	0.2347	0.4366	0.5768	0.6332	0.5940	0.4609	0.2518	0.0000
0.500	A	2.9925	2.9813	2.9488	2.8988	2.8378	2.7748	2.7199	2.6827	2.6696
	RHO	5.5032	5.4909	5.4574	5.4121	5.3673	5.3334	5.3140	5.3061	5.3042
	P	2.4484	2.4246	2.3576	2.2594	2.1475	2.0401	1.9531	1.8972	1.8780
	U	2.9475	2.9953	3.1318	3.3377	3.5829	3.8304	4.0417	4.1835	4.2333
	V	-0.7916	-0.7909	-0.7848	-0.7761	-0.7635	-0.7472	-0.7297	-0.7156	-0.7101
	W	0.0	0.2440	0.4540	0.5996	0.6580	0.6168	0.4780	0.2609	0.0000
0.600	A	2.9895	2.9781	2.9452	2.8947	2.8336	2.7709	2.7168	2.6802	2.6674
	RHO	5.4757	5.4650	5.4357	5.3951	5.3534	5.3194	5.2973	5.2860	5.2827
	P	2.4313	2.4090	2.3424	2.2461	2.1355	2.0291	1.9425	1.8866	1.8673
	U	2.9332	2.9813	3.1186	3.3254	3.5714	3.8195	4.0313	4.1732	4.2231
	V	-0.8995	-0.8977	-0.8922	-0.8826	-0.8687	-0.8506	-0.8310	-0.8152	-0.8091
	W	0.0	0.2522	0.4690	0.6193	0.6791	0.6360	0.4924	0.2685	0.0000
0.700	A	2.9862	2.9746	2.9414	2.8907	2.8295	2.7671	2.7135	2.6776	2.6650
	RHO	5.4456	5.4364	5.4109	5.3748	5.3360	5.3021	5.2776	5.2635	5.2589
	P	2.4126	2.3899	2.3258	2.2313	2.1224	2.0169	1.9307	1.8748	1.8556
	U	2.9180	2.9662	3.1041	3.3117	3.5585	3.8074	4.0197	4.1620	4.2120
	V	-1.0022	-1.0003	-0.9944	-0.9841	-0.9690	-0.9493	-0.9279	-0.9107	-0.9041
	W	0.0	0.2594	0.4823	0.6365	0.6975	0.6525	0.5046	0.2749	0.0000
0.800	A	2.9827	2.9710	2.9375	2.8865	2.8253	2.7632	2.7102	2.6748	2.6624
	RHO	5.4133	5.4055	5.3835	5.3516	5.3157	5.2820	5.2556	5.2390	5.2334
	P	2.3926	2.3705	2.3079	2.2152	2.1080	2.0037	1.9179	1.8622	1.8430
	U	2.9020	2.9504	3.0887	3.2970	3.5445	3.7943	4.0072	4.1500	4.2002
	V	-1.1031	-1.0980	-1.0918	-1.0809	-1.0648	-1.0437	-1.0208	-1.0025	-0.9954
	W	0.0	0.2658	0.4941	0.6517	0.7135	0.6668	0.5151	0.2804	0.0000
0.900	A	2.9789	2.9671	2.9334	2.8822	2.8211	2.7593	2.7068	2.6719	2.6596
	RHO	5.3791	5.3726	5.3540	5.3260	5.2928	5.2595	5.2314	5.2126	5.2061
	P	2.3714	2.3499	2.2889	2.1982	2.0928	1.9895	1.9043	1.8488	1.8295
	U	2.8854	2.9340	3.0726	3.2814	3.5298	3.7803	3.9940	4.1373	4.1878
	V	-1.1936	-1.1915	-1.1850	-1.1735	-1.1565	-1.1342	-1.1102	-1.0939	-1.0884
	W	0.0	0.2715	0.5047	0.6652	0.7277	0.6793	0.5242	0.2851	0.0000
1.000	A	2.9749	2.9631	2.9292	2.8779	2.8169	2.7554	2.7034	2.6688	2.6567
	RHO	5.3432	5.3379	5.3226	5.2984	5.2677	5.2349	5.2053	5.1846	5.1772
	P	2.3493	2.3284	2.2689	2.1802	2.0766	1.9746	1.8900	1.8346	1.8154
THS/THC		1.2131	1.2117	1.2074	1.2006	1.1918	1.1822	1.1735	1.1673	1.1651

M= 8.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 6.0803

XI	PHI	0.0
	U	4.2379
	V	-0.3000
	W	0.0
-0.000	A	3.1950
	RHO	5.6324
	P	2.1870
	U	4.2378
	V	-0.0401
	W	0.0
0.025	A	3.1950
	RHO	5.6322
	P	2.1869
	U	4.2375
	V	-0.0796
	W	0.0
0.050	A	3.1949
	RHO	5.6315
	P	2.1865
	U	4.2364
	V	-0.1569
	W	0.0
0.100	A	3.1946
	RHO	5.6291
	P	2.1852
	U	4.2323
	V	-0.3051
	W	0.0
0.200	A	3.1936
	RHO	5.6198
	P	2.1802
	U	4.2259
	V	-0.4454
	W	0.0
0.300	A	3.1920
	RHO	5.6057
	P	2.1725
	U	4.2176
	V	-0.5786
	W	0.0
0.400	A	3.1899
	RHO	5.5876
	P	2.1627
	U	4.2075
	V	-0.7054
	W	0.0
0.500	A	3.1874
	RHO	5.5661
	P	2.1510
	U	4.1961
	V	-0.8265
	W	0.0
0.600	A	3.1846
	RHO	5.5417
	P	2.1378
	U	4.1834
	V	-0.9423
	W	0.0
0.700	A	3.1815
	RHO	5.5148
	P	2.1233
	U	4.1697
	V	-1.0533
	W	0.0
0.800	A	3.1782
	RHO	5.4856
	P	2.1076
	U	4.1552
	V	-1.1600
	W	0.0
0.900	A	3.1746
	RHO	5.4545
	P	2.0909
	U	4.1399
	V	-1.2626
	W	0.0
1.000	A	3.1707
	RHO	5.4215
	P	2.0732

THS/THC 1.1767

M= 8.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 6.0803

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.1660	4.1678	4.1729	4.1806	4.1897	4.1988	4.2064	4.2115	4.2133
	V	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	-0.0000
	W	0.0	0.0118	0.0219	0.0285	0.0309	0.0285	0.0218	0.0118	0.0000
0.0	A	3.2139	3.2134	3.2120	3.2100	3.2077	3.2053	3.2033	3.2020	3.2015
	RHO	5.6414	5.6373	5.6255	5.6079	5.5873	5.5667	5.5493	5.5378	5.5337
	P	2.2164	2.2142	2.2077	2.1980	2.1867	2.1755	2.1660	2.1596	2.1574
	U	4.1659	4.1712	4.1865	4.2094	4.2366	4.2641	4.2876	4.3034	4.3090
	V	-0.0404	-0.0404	-0.0403	-0.0402	-0.0401	-0.0401	-0.0400	-0.0400	-0.0400
	W	0.0	0.0157	0.0290	0.0378	0.0409	0.0377	0.0289	0.0156	0.0000
0.025	A	3.2138	3.2124	3.2085	3.2024	3.1952	3.1879	3.1816	3.1774	3.1759
	RHO	5.6412	5.6403	5.6378	5.6343	5.6305	5.6272	5.6248	5.6234	5.6230
	P	2.2163	2.2140	2.2076	2.1979	2.1865	2.1753	2.1658	2.1595	2.1573
	U	4.1656	4.1710	4.1863	4.2092	4.2365	4.2640	4.2874	4.3031	4.3087
	V	-0.0801	-0.0801	-0.0800	-0.0798	-0.0797	-0.0795	-0.0794	-0.0793	-0.0793
	W	0.0	0.0173	0.0319	0.0417	0.0451	0.0417	0.0319	0.0173	0.0000
0.050	A	3.2138	3.2124	3.2084	3.2023	3.1951	3.1878	3.1815	3.1773	3.1758
	RHO	5.6406	5.6397	5.6372	5.6338	5.6301	5.6268	5.6243	5.6228	5.6223
	P	2.2160	2.2137	2.2072	2.1976	2.1862	2.1750	2.1655	2.1592	2.1569
	U	4.1645	4.1699	4.1852	4.2083	4.2356	4.2631	4.2864	4.3021	4.3076
	V	-0.1579	-0.1578	-0.1576	-0.1573	-0.1570	-0.1567	-0.1564	-0.1562	-0.1561
	W	0.0	0.0194	0.0360	0.0470	0.0509	0.0471	0.0361	0.0195	0.0000
0.100	A	3.2135	3.2121	3.2080	3.2020	3.1948	3.1875	3.1812	3.1770	3.1755
	RHO	5.6380	5.6372	5.6348	5.6315	5.6278	5.6245	5.6219	5.6204	5.6199
	P	2.2146	2.2123	2.2058	2.1962	2.1849	2.1736	2.1642	2.1578	2.1556
	U	4.1603	4.1657	4.1811	4.2043	4.2317	4.2591	4.2824	4.2981	4.3036
	V	-0.3069	-0.3068	-0.3064	-0.3058	-0.3051	-0.3045	-0.3039	-0.3035	-0.3034
	W	0.0	0.0224	0.0414	0.0541	0.0587	0.0543	0.0416	0.0226	0.0000
0.200	A	3.2124	3.2110	3.2069	3.2009	3.1936	3.1864	3.1801	3.1760	3.1745
	RHO	5.6287	5.6279	5.6256	5.6224	5.6189	5.6155	5.6129	5.6113	5.6107
	P	2.2094	2.2072	2.2007	2.1912	2.1799	2.1687	2.1592	2.1529	2.1507
	U	4.1538	4.1592	4.1747	4.1979	4.2253	4.2528	4.2762	4.2918	4.2973
	V	-0.4480	-0.4478	-0.4473	-0.4464	-0.4455	-0.4445	-0.4436	-0.4430	-0.4428
	W	0.0	0.0244	0.0452	0.0591	0.0641	0.0593	0.0455	0.0246	0.0000
0.300	A	3.2108	3.2094	3.2053	3.1992	3.1920	3.1847	3.1785	3.1744	3.1729
	RHO	5.6145	5.6137	5.6115	5.6085	5.6053	5.6017	5.5990	5.5973	5.5968
	P	2.2016	2.1994	2.1930	2.1835	2.1723	2.1611	2.1517	2.1454	2.1432
	U	4.1452	4.1507	4.1662	4.1895	4.2170	4.2446	4.2680	4.2836	4.2891
	V	-0.5820	-0.5818	-0.5810	-0.5800	-0.5787	-0.5774	-0.5763	-0.5755	-0.5753
	W	0.0	0.0260	0.0481	0.0630	0.0683	0.0632	0.0484	0.0262	0.0000
0.400	A	3.2087	3.2073	3.2032	3.1971	3.1899	3.1826	3.1765	3.1723	3.1709
	RHO	5.5961	5.5954	5.5934	5.5904	5.5870	5.5838	5.5811	5.5794	5.5789
	P	2.1916	2.1893	2.1830	2.1736	2.1625	2.1514	2.1420	2.1358	2.1336
	U	4.1350	4.1405	4.1561	4.1794	4.2070	4.2346	4.2581	4.2738	4.2793
	V	-0.7095	-0.7092	-0.7084	-0.7071	-0.7056	-0.7040	-0.7026	-0.7017	-0.7014
	W	0.0	0.0273	0.0505	0.0661	0.0717	0.0664	0.0509	0.0276	0.0000
0.500	A	3.2062	3.2048	3.2007	3.1946	3.1874	3.1802	3.1740	3.1699	3.1685
	RHO	5.5744	5.5737	5.5717	5.5689	5.5655	5.5625	5.5599	5.5582	5.5576
	P	2.1797	2.1775	2.1712	2.1618	2.1508	2.1399	2.1306	2.1244	2.1223
	U	4.1234	4.1289	4.1445	4.1679	4.1956	4.2233	4.2468	4.2625	4.2680
	V	-0.8312	-0.8309	-0.8299	-0.8284	-0.8265	-0.8248	-0.8232	-0.8222	-0.8218
	W	0.0	0.0284	0.0526	0.0688	0.0746	0.0690	0.0529	0.0287	0.0000
0.600	A	3.2033	3.2019	3.1979	3.1918	3.1846	3.1774	3.1713	3.1672	3.1657
	RHO	5.5497	5.5490	5.5472	5.5445	5.5413	5.5382	5.5357	5.5340	5.5335
	P	2.1661	2.1640	2.1578	2.1485	2.1376	2.1268	2.1176	2.1115	2.1094
	U	4.1105	4.1160	4.1317	4.1552	4.1829	4.2107	4.2343	4.2500	4.2556
	V	-0.9476	-0.9472	-0.9461	-0.9444	-0.9424	-0.9404	-0.9387	-0.9375	-0.9370
	W	0.0	0.0294	0.0543	0.0710	0.0770	0.0713	0.0546	0.0296	0.0000
0.700	A	3.2002	3.1988	3.1947	3.1887	3.1815	3.1743	3.1682	3.1641	3.1627
	RHO	5.5224	5.5218	5.5201	5.5175	5.5145	5.5115	5.5090	5.5074	5.5068
	P	2.1513	2.1491	2.1430	2.1339	2.1231	2.1124	2.1033	2.0973	2.0952
	U	4.0966	4.1021	4.1178	4.1414	4.1692	4.1971	4.2207	4.2366	4.2421
	V	-1.0591	-1.0586	-1.0575	-1.0556	-1.0535	-1.0512	-1.0493	-1.0480	-1.0475
	W	0.0	0.0302	0.0558	0.0730	0.0791	0.0732	0.0561	0.0304	0.0000
0.800	A	3.1968	3.1953	3.1913	3.1852	3.1781	3.1709	3.1648	3.1608	3.1593
	RHO	5.4930	5.4924	5.4907	5.4883	5.4854	5.4826	5.4802	5.4786	5.4780
	P	2.1352	2.1331	2.1271	2.1181	2.1074	2.0969	2.0879	2.0819	2.0798
	U	4.0818	4.0873	4.1031	4.1268	4.1547	4.1826	4.2063	4.2222	4.2278
	V	-1.1661	-1.1657	-1.1644	-1.1625	-1.1601	-1.1577	-1.1557	-1.1543	-1.1537
	W	0.0	0.0309	0.0571	0.0747	0.0810	0.0749	0.0574	0.0311	0.0000
0.900	A	3.1931	3.1917	3.1876	3.1816	3.1745	3.1673	3.1613	3.1572	3.1558
	RHO	5.4615	5.4609	5.4594	5.4571	5.4544	5.4516	5.4493	5.4478	5.4472
	P	2.1181	2.1160	2.1101	2.1012	2.0907	2.0803	2.0715	2.0656	2.0635
	U	4.0663	4.0718	4.0877	4.1114	4.1394	4.1674	4.1912	4.2071	4.2127
	V	-1.2692	-1.2687	-1.2674	-1.2653	-1.2628	-1.2603	-1.2580	-1.2565	-1.2560
	W	0.0	0.0315	0.0583	0.0763	0.0827	0.0765	0.0586	0.0317	0.0000
1.000	A	3.1892	3.1878	3.1837	3.1777	3.1705	3.1635	3.1575	3.1534	3.1520
	RHO	5.4282	5.4277	5.4263	5.4241	5.4215	5.4189	5.4167	5.4152	5.4147
	P	2.1091	2.0980	2.0921	2.0834	2.0731	2.0628	2.0541	2.0483	2.0462
THS/THC		1.1790	1.1788	1.1784	1.1776	1.1768	1.1759	1.1752	1.1747	1.1745

M= 8.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 6.0803

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	3.8685	3.8783	3.9062	3.9480	3.9971	4.0461	4.0874	4.1149	4.1245
	V	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.0643	0.1187	0.1549	0.1672	0.1539	0.1172	0.0632	0.0000
	A	3.2874	3.2849	3.2780	3.2677	3.2555	3.2436	3.2336	3.2269	3.2245
	RHO	5.6759	5.6549	5.5955	5.5080	5.4069	5.3081	5.2262	5.1724	5.1538
	P	2.3332	2.3211	2.2871	2.2372	2.1798	2.1243	2.0785	2.0487	2.0383
0.025	U	3.8684	3.8931	3.9642	4.0736	4.2075	4.3470	4.4699	4.5545	4.5847
	V	-0.0413	-0.0412	-0.0410	-0.0407	-0.0403	-0.0398	-0.0394	-0.0391	-0.0390
	W	0.0	0.0800	0.1473	0.1912	0.2054	0.1881	0.1429	0.0769	0.0000
	A	3.2874	3.2813	3.2638	3.2363	3.2017	3.1644	3.1304	3.1064	3.0977
	RHO	5.6757	5.6670	5.6442	5.6153	5.5904	5.5770	5.5760	5.5812	5.5842
	P	2.3331	2.3210	2.2870	2.2371	2.1798	2.1242	2.0785	2.0486	2.0382
0.050	U	3.8681	3.8933	3.9659	4.0769	4.2116	4.3507	4.4720	4.5550	4.5845
	V	-0.0820	-0.0818	-0.0814	-0.0807	-0.0799	-0.0790	-0.0783	-0.0778	-0.0776
	W	0.0	0.0871	0.1607	0.2095	0.2261	0.2084	0.1593	0.0861	0.0000
	A	3.2873	3.2811	3.2631	3.2351	3.2002	3.1630	3.1295	3.1061	3.0976
	RHO	5.6750	5.6670	5.6457	5.6187	5.5950	5.5812	5.5784	5.5815	5.5836
	P	2.3327	2.3206	2.2866	2.2368	2.1795	2.1239	2.0781	2.0483	2.0379
0.100	U	3.8669	3.8927	3.9668	4.0793	4.2148	4.3534	4.4733	4.5547	4.5835
	V	-0.1616	-0.1613	-0.1604	-0.1591	-0.1575	-0.1558	-0.1543	-0.1532	-0.1528
	W	0.0	0.0970	0.1794	0.2348	0.2547	0.2360	0.1812	0.0983	0.0000
	A	3.2870	3.2806	3.2621	3.2335	3.1983	3.1613	3.1283	3.1055	3.0974
	RHO	5.6724	5.6651	5.6457	5.6208	5.5983	5.5842	5.5793	5.5801	5.5812
	P	2.3312	2.3191	2.2852	2.2355	2.1783	2.1227	2.0769	2.0471	2.0367
0.200	U	3.8623	3.8887	3.9642	4.0784	4.2148	4.3530	4.4716	4.5515	4.5797
	V	-0.3143	-0.3137	-0.3121	-0.3095	-0.3064	-0.3029	-0.2997	-0.2974	-0.2966
	W	0.0	0.1108	0.2053	0.2694	0.2933	0.2727	0.2100	0.1141	0.0000
	A	3.2858	3.2792	3.2602	3.2310	3.1955	3.1586	3.1264	3.1043	3.0964
	RHO	5.6626	5.6563	5.6393	5.6170	5.5961	5.5814	5.5743	5.5724	5.5723
	P	2.3256	2.3136	2.2800	2.2305	2.1736	2.1182	2.0725	2.0426	2.0322
0.300	U	3.8552	3.8819	3.9583	4.0734	4.2103	4.3485	4.4666	4.5460	4.5739
	V	-0.4588	-0.4580	-0.4557	-0.4520	-0.4473	-0.4422	-0.4374	-0.4339	-0.4327
	W	0.0	0.1207	0.2237	0.2939	0.3203	0.2981	0.2296	0.1249	0.0000
	A	3.2841	3.2774	3.2580	3.2285	3.1928	3.1561	3.1243	3.1026	3.0949
	RHO	5.6477	5.6421	5.6268	5.6065	5.5867	5.5718	5.5633	5.5598	5.5590
	P	2.3170	2.3052	2.2719	2.2229	2.1663	2.1112	2.0656	2.0357	2.0254
0.400	U	3.8459	3.8729	3.9499	4.0657	4.2031	4.3414	4.4594	4.5385	4.5663
	V	-0.5958	-0.5948	-0.5919	-0.5872	-0.5812	-0.5745	-0.5682	-0.5636	-0.5620
	W	0.0	0.1285	0.2383	0.3131	0.3413	0.3177	0.2447	0.1330	0.0000
	A	3.2819	3.2751	3.2555	3.2258	3.1903	3.1534	3.1219	3.1005	3.0930
	RHO	5.6286	5.6235	5.6097	5.5910	5.5723	5.5574	5.5479	5.5432	5.5419
	P	2.3060	2.2943	2.2615	2.2129	2.1569	2.1021	2.0567	2.0270	2.0166
0.500	U	3.8349	3.8620	3.9395	4.0558	4.1937	4.3323	4.4503	4.5293	4.5571
	V	-0.7260	-0.7248	-0.7214	-0.7158	-0.7085	-0.7004	-0.6928	-0.6873	-0.6852
	W	0.0	0.1350	0.2503	0.3289	0.3585	0.3335	0.2569	0.1396	0.0000
	A	3.2792	3.2723	3.2526	3.2227	3.1869	3.1505	3.1193	3.0982	3.0907
	RHO	5.6058	5.6012	5.5887	5.5716	5.5539	5.5391	5.5289	5.5233	5.5216
	P	2.2929	2.2815	2.2490	2.2011	2.1456	2.0913	2.0462	2.0166	2.0063
0.600	U	3.8223	3.8496	3.9274	4.0442	4.1826	4.3215	4.4397	4.5188	4.5467
	V	-0.8501	-0.8487	-0.8447	-0.8383	-0.8303	-0.8206	-0.8118	-0.8053	-0.8030
	W	0.0	0.1405	0.2605	0.3422	0.3729	0.3468	0.2670	0.1450	0.0000
	A	3.2762	3.2693	3.2494	3.2194	3.1836	3.1474	3.1164	3.0955	3.0881
	RHO	5.5799	5.5758	5.5646	5.5489	5.5322	5.5176	5.5069	5.5006	5.4986
	P	2.2781	2.2669	2.2349	2.1877	2.1329	2.0791	2.0343	2.0049	1.9946
0.700	U	3.8085	3.8359	3.9140	4.0313	4.1701	4.3094	4.4278	4.5071	4.5350
	V	-0.9685	-0.9670	-0.9626	-0.9554	-0.9461	-0.9356	-0.9257	-0.9185	-0.9158
	W	0.0	0.1453	0.2693	0.3537	0.3852	0.3581	0.2755	0.1496	0.0000
	A	3.2728	3.2659	3.2460	3.2159	3.1802	3.1441	3.1132	3.0926	3.0853
	RHO	5.5514	5.5478	5.5377	5.5235	5.5077	5.4934	5.4823	5.4755	5.4732
	P	2.2619	2.2508	2.2194	2.1729	2.1188	2.0656	2.0212	1.9919	1.9817
0.800	U	3.7936	3.8211	3.8995	4.0172	4.1564	4.2961	4.4149	4.4944	4.5224
	V	-1.0818	-1.0802	-1.0753	-1.0675	-1.0573	-1.0458	-1.0349	-1.0270	-1.0242
	W	0.0	0.1494	0.2770	0.3636	0.3959	0.3678	0.2829	0.1536	0.0000
	A	3.2692	3.2622	3.2422	3.2122	3.1765	3.1405	3.1099	3.0894	3.0822
	RHO	5.5206	5.5174	5.5085	5.4955	5.4808	5.4668	5.4555	5.4482	5.4457
	P	2.2443	2.2334	2.2026	2.1569	2.1035	2.0509	2.0070	1.9779	1.9678
0.900	U	3.7778	3.8054	3.8841	4.0021	4.1418	4.2819	4.4011	4.4808	4.5089
	V	-1.1904	-1.1887	-1.1835	-1.1751	-1.1641	-1.1517	-1.1400	-1.1315	-1.1284
	W	0.0	0.1531	0.2838	0.3724	0.4052	0.3764	0.2893	0.1570	0.0000
	A	3.2653	3.2583	3.2383	3.2082	3.1726	3.1368	3.1064	3.0860	3.0789
	RHO	5.4878	5.4850	5.4772	5.4655	5.4517	5.4381	5.4266	5.4190	5.4163
	P	2.2256	2.2150	2.1848	2.1398	2.0873	2.0353	1.9918	1.9630	1.9530
1.000	U	3.7613	3.7890	3.8679	3.9862	4.1263	4.2669	4.3865	4.4665	4.4947
	V	-1.2948	-1.2929	-1.2874	-1.2784	-1.2668	-1.2536	-1.2412	-1.2322	-1.2289
	W	0.0	0.1564	0.2898	0.3802	0.4135	0.3839	0.2949	0.1600	0.0000
	A	3.2612	3.2541	3.2341	3.2041	3.1685	3.1329	3.1026	3.0824	3.0753
	RHO	5.4531	5.4507	5.4439	5.4335	5.4207	5.4075	5.3960	5.3880	5.3852
	P	2.2060	2.1955	2.1659	2.1218	2.0701	2.0188	1.9758	1.9473	1.9373
THS/THC		1.1891	1.1883	1.1861	1.1826	1.1783	1.1739	1.1700	1.1673	1.1663

M= 8.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 6.0803

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.4723	3.4939	3.5553	3.6475	3.7564	3.8650	3.9562	4.0164	4.0374
	V	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.1413	0.2617	0.3428	0.3709	0.3407	0.2579	0.1379	0.0000
0.0	A	3.3747	3.3697	3.3553	3.3340	3.3091	3.2847	3.2644	3.2511	3.2465
	RHO	5.7159	5.6734	5.5538	5.3795	5.1818	4.9932	4.8410	4.7433	4.7098
	P	2.4761	2.4503	2.3783	2.2745	2.1583	2.0492	1.9623	1.9071	1.8882
	U	3.4722	3.5169	3.6475	3.8526	4.1125	4.3962	4.6580	4.8441	4.9114
	V	-0.0427	-0.0426	-0.0421	-0.0415	-0.0407	-0.0398	-0.0390	-0.0383	-0.0381
	W	0.0	0.1645	0.3024	0.3910	0.4165	0.3776	0.2841	0.1521	0.0000
0.025	A	3.3747	3.3646	3.3347	3.2864	3.2222	3.1474	3.0731	3.0169	2.9959
	RHO	5.7157	5.6903	5.6225	5.5365	5.4652	5.4384	5.4623	5.5080	5.5305
	P	2.4760	2.4502	2.3783	2.2746	2.1584	2.0492	1.9622	1.9070	1.8881
	U	3.4718	3.5186	3.6545	3.8660	4.1302	4.4129	4.6684	4.8470	4.9112
	V	-0.0847	-0.0844	-0.0835	-0.0822	-0.0805	-0.0790	-0.0774	-0.0762	-0.0757
	W	0.0	0.1765	0.3253	0.4232	0.4553	0.4181	0.3190	0.1726	0.0000
0.050	A	3.3746	3.3640	3.3326	3.2823	3.2165	3.1415	3.0691	3.0156	2.9958
	RHO	5.7150	5.6915	5.6291	5.5500	5.4845	5.4584	5.4759	5.5121	5.5299
	P	2.4756	2.4499	2.3780	2.2744	2.1583	2.0491	1.9620	1.9067	1.8879
	U	3.4704	3.5194	3.6608	3.8789	4.1473	4.4284	4.6776	4.8491	4.9103
	V	-0.1669	-0.1664	-0.1647	-0.1622	-0.1592	-0.1558	-0.1525	-0.1499	-0.1489
	W	0.0	0.1940	0.3588	0.4697	0.5101	0.4738	0.3654	0.1991	0.0000
0.100	A	3.3743	3.3630	3.3299	3.2774	3.2099	3.1350	3.0647	3.0141	2.9956
	RHO	5.7122	5.6911	5.6351	5.5642	5.5053	5.4789	5.4890	5.5147	5.5276
	P	2.4739	2.4483	2.3768	2.2734	2.1575	2.0483	1.9611	1.9056	1.8867
	U	3.4652	3.5164	3.6634	3.8879	4.1598	4.4397	4.6831	4.8484	4.9069
	V	-0.3245	-0.3236	-0.3207	-0.3161	-0.3102	-0.3034	-0.2963	-0.2907	-0.2885
	W	0.0	0.2192	0.4068	0.5355	0.5859	0.5485	0.4255	0.2327	0.0000
0.200	A	3.3730	3.3610	3.3260	3.2710	3.2018	3.1272	3.0594	3.0118	2.9946
	RHO	5.7018	5.6839	5.6363	5.5756	5.5235	5.4969	5.4978	5.5117	5.5191
	P	2.4676	2.4423	2.3716	2.2692	2.1538	2.0447	1.9574	1.9017	1.8827
	U	3.4572	3.5096	3.6597	3.8877	4.1616	4.4410	4.6817	4.8442	4.9016
	V	-0.4734	-0.4721	-0.4682	-0.4619	-0.4534	-0.4431	-0.4323	-0.4237	-0.4204
	W	0.0	0.2379	0.4422	0.5834	0.6398	0.6002	0.4661	0.2550	0.0000
0.300	A	3.3712	3.3587	3.3224	3.2660	3.1958	3.1216	3.0554	3.0096	2.9933
	RHO	5.6860	5.6704	5.6290	5.5756	5.5283	5.5011	5.4959	5.5023	5.5065
	P	2.4580	2.4331	2.3635	2.2622	2.1477	2.0390	1.9516	1.8958	1.8766
	U	3.4469	3.5000	3.6522	3.8824	4.1578	4.4372	4.6767	4.8378	4.8946
	V	-0.5141	-0.6125	-0.6078	-0.6000	-0.5891	-0.5757	-0.5615	-0.5531	-0.5457
	W	0.0	0.2531	0.4707	0.6215	0.6821	0.6400	0.4969	0.2716	0.0000
0.400	A	3.3687	3.3559	3.3187	3.2613	3.1906	3.1167	3.0518	3.0073	2.9915
	RHO	5.6655	5.6520	5.6159	5.5686	5.5252	5.4975	5.4877	5.4886	5.4903
	P	2.4456	2.4212	2.3528	2.2529	2.1395	2.0313	1.9441	1.8881	1.8689
	U	3.4346	3.4883	3.6419	3.8738	4.1504	4.4300	4.6692	4.8297	4.8861
	V	-0.7475	-0.7457	-0.7402	-0.7311	-0.7181	-0.7018	-0.6844	-0.6705	-0.6651
	W	0.0	0.2659	0.4945	0.6531	0.7168	0.6722	0.5214	0.2848	0.0000
0.500	A	3.3658	3.3528	3.3149	3.2568	3.1857	3.1122	3.0482	3.0048	2.9894
	RHO	5.6413	5.6297	5.5982	5.5563	5.5164	5.4884	5.4749	5.4714	5.4712
	P	2.4310	2.4071	2.3400	2.2417	2.1295	2.0221	1.9350	1.8791	1.8598
	U	3.4207	3.4748	3.6295	3.8627	4.1404	4.4206	4.6597	4.8201	4.8765
	V	-0.8742	-0.8722	-0.8661	-0.8557	-0.8408	-0.8219	-0.8018	-0.7856	-0.7794
	W	0.0	0.2769	0.5150	0.6800	0.7460	0.6990	0.5416	0.2955	0.0000
0.600	A	3.3626	3.3493	3.3109	3.2522	3.1813	3.1079	3.0447	3.0021	2.9871
	RHO	5.6139	5.6039	5.5767	5.5398	5.5031	5.4749	5.4585	5.4514	5.4496
	P	2.4145	2.3912	2.3254	2.2288	2.1181	2.0115	1.9248	1.8688	1.8496
	U	3.4055	3.4599	3.6155	3.8497	4.1283	4.4092	4.6487	4.8093	4.8657
	V	-0.9948	-0.9926	-0.9859	-0.9745	-0.9579	-0.9367	-0.9140	-0.8960	-0.8890
	W	0.0	0.2865	0.5328	0.7033	0.7710	0.7218	0.5586	0.3045	0.0000
0.700	A	3.3590	3.3455	3.3067	3.2476	3.1763	3.1036	3.0411	2.9992	2.9844
	RHO	5.5838	5.5754	5.5521	5.5198	5.4861	5.4581	5.4391	5.4289	5.4258
	P	2.3964	2.3736	2.3093	2.2145	2.1054	1.9997	1.9134	1.8575	1.8383
	U	3.3892	3.4439	3.6001	3.8352	4.1147	4.3964	4.6365	4.7974	4.8540
	V	-1.1098	-1.1075	-1.1003	-1.0878	-1.0697	-1.0465	-1.0217	-1.0019	-0.9943
	W	0.0	0.2950	0.5486	0.7237	0.7928	0.7414	0.5731	0.3122	0.0000
0.800	A	3.3550	3.3414	3.3024	3.2430	3.1715	3.0993	3.0375	2.9961	2.9816
	RHO	5.5513	5.5444	5.5249	5.4969	5.4661	5.4382	5.4171	5.4043	5.4001
	P	2.3769	2.3547	2.2919	2.1989	2.0915	1.9869	1.9011	1.8453	1.8261
	U	3.3721	3.4269	3.5836	3.8195	4.0999	4.3824	4.6233	4.7847	4.8415
	V	-1.2198	-1.2173	-1.2096	-1.1963	-1.1768	-1.1519	-1.1252	-1.1039	-1.0958
	W	0.0	0.3027	0.5626	0.7418	0.8119	0.7584	0.5857	0.3187	0.0000
0.900	A	3.3509	3.3371	3.2978	3.2382	3.1669	3.0949	3.0337	2.9929	2.9786
	RHO	5.5168	5.5112	5.4953	5.4714	5.4434	5.4158	5.3929	5.3778	5.3725
	P	2.3562	2.3346	2.2733	2.1823	2.0766	1.9732	1.8879	1.8323	1.8130
	U	3.3542	3.4092	3.5663	3.8028	4.0840	4.3675	4.6092	4.7713	4.8283
	V	-1.3252	-1.3226	-1.3144	-1.3003	-1.2795	-1.2531	-1.2248	-1.2024	-1.1938
	W	0.0	0.3095	0.5751	0.7579	0.8288	0.7734	0.5966	0.3244	0.0000
1.000	A	3.3464	3.3326	3.2931	3.2334	3.1622	3.0905	3.0298	2.9894	2.9753
	RHO	5.4805	5.4762	5.4636	5.4437	5.4184	5.3912	5.3667	5.3495	5.3434
	P	2.3345	2.3135	2.2538	2.1648	2.0609	1.9587	1.8739	1.8185	1.7993
THS/THC		1.2042	1.2028	1.1986	1.1920	1.1834	1.1741	1.1657	1.1597	1.1575

M=10.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 7.6220

XI		PHI 0.0
	U	5.3533
	V	0.0000
	W	0.0
-0.000	A	3.9075
	RHO	5.8239
	P	2.1647
	U	5.3532
	V	-0.0475
	W	0.0
0.025	A	3.9074
	RHO	5.8237
	P	2.1646
	U	5.3529
	V	-0.0944
	W	0.0
0.050	A	3.9074
	RHO	5.8231
	P	2.1643
	U	5.3517
	V	-0.1862
	W	0.0
0.100	A	3.9070
	RHO	5.8206
	P	2.1630
	U	5.3471
	V	-0.3626
	W	0.0
0.200	A	3.9058
	RHO	5.8116
	P	2.1583
	U	5.3399
	V	-0.5302
	W	0.0
0.300	A	3.9040
	RHO	5.7977
	P	2.1511
	U	5.3305
	V	-0.6899
	W	0.0
0.400	A	3.9015
	RHO	5.7798
	P	2.1418
	U	5.3191
	V	-0.8423
	W	0.0
0.500	A	3.8987
	RHO	5.7584
	P	2.1307
	U	5.3061
	V	-0.9883
	W	0.0
0.600	A	3.8953
	RHO	5.7341
	P	2.1181
	U	5.2916
	V	-1.1282
	W	0.0
0.700	A	3.8917
	RHO	5.7071
	P	2.1042
	U	5.2760
	V	-1.2627
	W	0.0
0.800	A	3.8877
	RHO	5.6778
	P	2.0891
	U	5.2592
	V	-1.3922
	W	0.0
0.900	A	3.8834
	RHO	5.6464
	P	2.0729
	U	5.2416
	V	-1.5172
	W	0.0
1.000	A	3.8788
	RHO	5.6130
	P	2.0558

THS/THC 1.1678

M=10.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 7.6220

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.2643	5.2664	5.2726	5.2818	5.2926	5.3035	5.3127	5.3188	5.3209
	V	0.0000	-0.0000	0.0	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000
	W	0.0	0.0142	0.0262	0.0342	0.0370	0.0341	0.0261	0.0141	0.0000
0.0	A	3.9316	3.9310	3.9294	3.9269	3.9239	3.9210	3.9185	3.9169	3.9163
	RHO	5.8309	5.8266	5.8143	5.7959	5.7743	5.7528	5.7347	5.7226	5.7184
	P	2.1942	2.1919	2.1854	2.1758	2.1644	2.1532	2.1437	2.1373	2.1351
	U	5.2642	5.2708	5.2896	5.3180	5.3518	5.3859	5.4149	5.4345	5.4414
	V	-0.0479	-0.0479	-0.0478	-0.0477	-0.0476	-0.0474	-0.0474	-0.0474	-0.0474
	W	0.0	0.0190	0.0351	0.0459	0.0495	0.0457	0.0350	0.0189	0.0000
0.025	A	3.9316	3.9298	3.9247	3.9170	3.9078	3.8984	3.8904	3.8849	3.8830
	RHO	5.8307	5.8299	5.8278	5.8249	5.8219	5.8195	5.8178	5.8168	5.8166
	P	2.1941	2.1918	2.1853	2.1756	2.1643	2.1530	2.1435	2.1372	2.1350
	U	5.2638	5.2704	5.2894	5.3179	5.3517	5.3857	5.4148	5.4342	5.4411
	V	-0.0950	-0.0950	-0.0948	-0.0947	-0.0944	-0.0942	-0.0941	-0.0940	-0.0940
	W	0.0	0.0210	0.0388	0.0507	0.0549	0.0507	0.0388	0.0210	0.0000
0.050	A	3.9315	3.9297	3.9246	3.9168	3.9076	3.8983	3.8903	3.8848	3.8829
	RHO	5.8300	5.8293	5.8273	5.8244	5.8215	5.8190	5.8172	5.8163	5.8159
	P	2.1937	2.1914	2.1850	2.1753	2.1640	2.1527	2.1432	2.1369	2.1347
	U	5.2626	5.2692	5.2883	5.3168	5.3507	5.3847	5.4137	5.4331	5.4399
	V	-0.1874	-0.1873	-0.1870	-0.1867	-0.1863	-0.1859	-0.1855	-0.1853	-0.1852
	W	0.0	0.0238	0.0439	0.0574	0.0622	0.0575	0.0441	0.0239	0.0000
0.100	A	3.9312	3.9294	3.9242	3.9164	3.9072	3.8979	3.8899	3.8845	3.8826
	RHO	5.8276	5.8269	5.8249	5.8222	5.8193	5.8168	5.8150	5.8139	5.8135
	P	2.1924	2.1901	2.1837	2.1740	2.1627	2.1515	2.1420	2.1356	2.1334
	U	5.2579	5.2646	5.2837	5.3124	5.3463	5.3803	5.4092	5.4286	5.4354
	V	-0.3649	-0.3647	-0.3643	-0.3635	-0.3627	-0.3619	-0.3611	-0.3607	-0.3605
	W	0.0	0.0275	0.0508	0.0665	0.0721	0.0667	0.0511	0.0277	0.0000
0.200	A	3.9299	3.9281	3.9229	3.9152	3.9059	3.8966	3.8886	3.8833	3.8814
	RHO	5.8184	5.8178	5.8160	5.8134	5.8105	5.8081	5.8061	5.8049	5.8046
	P	2.1876	2.1854	2.1789	2.1693	2.1583	2.1468	2.1373	2.1310	2.1288
	U	5.2505	5.2573	5.2764	5.3052	5.3392	5.3733	5.4022	5.4215	5.4283
	V	-0.5336	-0.5333	-0.5326	-0.5316	-0.5303	-0.5291	-0.5280	-0.5273	-0.5270
	W	0.0	0.0301	0.0556	0.0728	0.0789	0.0731	0.0560	0.0303	0.0000
0.300	A	3.9280	3.9262	3.9210	3.9132	3.9043	3.8947	3.8868	3.8814	3.8796
	RHO	5.8044	5.8038	5.8021	5.7996	5.7969	5.7944	5.7925	5.7912	5.7908
	P	2.1803	2.1780	2.1716	2.1621	2.1508	2.1397	2.1303	2.1240	2.1218
	U	5.2409	5.2477	5.2669	5.2958	5.3298	5.3639	5.3929	5.4123	5.4191
	V	-0.6942	-0.6939	-0.6930	-0.6916	-0.6900	-0.6884	-0.6869	-0.6860	-0.6857
	W	0.0	0.0321	0.0594	0.0778	0.0843	0.0780	0.0598	0.0324	0.0000
0.400	A	3.9256	3.9238	3.9186	3.9108	3.9015	3.8923	3.8843	3.8791	3.8772
	RHO	5.7863	5.7857	5.7841	5.7818	5.7792	5.7767	5.7748	5.7735	5.7731
	P	2.1707	2.1685	2.1621	2.1527	2.1416	2.1305	2.1211	2.1149	2.1127
	U	5.2293	5.2361	5.2554	5.2843	5.3185	5.3527	5.3817	5.4011	5.4080
	V	-0.8476	-0.8472	-0.8461	-0.8445	-0.8425	-0.8405	-0.8388	-0.8376	-0.8372
	W	0.0	0.0338	0.0625	0.0818	0.0887	0.0821	0.0629	0.0341	0.0000
0.500	A	3.9226	3.9208	3.9156	3.9078	3.8986	3.8894	3.8815	3.8762	3.8744
	RHO	5.7647	5.7642	5.7626	5.7604	5.7579	5.7555	5.7536	5.7524	5.7520
	P	2.1594	2.1572	2.1509	2.1415	2.1305	2.1195	2.1102	2.1041	2.1019
	U	5.2161	5.2229	5.2422	5.2712	5.3055	5.3398	5.3689	5.3884	5.3952
	V	-0.9943	-0.9939	-0.9926	-0.9907	-0.9884	-0.9861	-0.9841	-0.9827	-0.9823
	W	0.0	0.0357	0.0652	0.0853	0.0924	0.0855	0.0656	0.0355	0.0000
0.600	A	3.9193	3.9175	3.9123	3.9045	3.8953	3.8861	3.8782	3.8729	3.8711
	RHO	5.7401	5.7396	5.7381	5.7360	5.7337	5.7314	5.7295	5.7283	5.7279
	P	2.1465	2.1443	2.1381	2.1288	2.1179	2.1070	2.0978	2.0917	2.0896
	U	5.2014	5.2082	5.2276	5.2567	5.2911	5.3254	5.3546	5.3742	5.3810
	V	-1.1350	-1.1345	-1.1331	-1.1309	-1.1284	-1.1257	-1.1235	-1.1220	-1.1214
	W	0.0	0.0365	0.0674	0.0882	0.0955	0.0885	0.0678	0.0367	0.0000
0.700	A	3.9156	3.9137	3.9085	3.9008	3.8916	3.8824	3.8746	3.8693	3.8675
	RHO	5.7128	5.7123	5.7110	5.7090	5.7068	5.7046	5.7028	5.7016	5.7012
	P	2.1322	2.1300	2.1239	2.1147	2.1040	2.0932	2.0841	2.0781	2.0760
	U	5.1854	5.1922	5.2117	5.2409	5.2754	5.3099	5.3391	5.3587	5.3656
	V	-1.2702	-1.2696	-1.2680	-1.2657	-1.2629	-1.2600	-1.2575	-1.2558	-1.2552
	W	0.0	0.0375	0.0694	0.0908	0.0984	0.0910	0.0698	0.0378	0.0000
0.800	A	3.9115	3.9097	3.9045	3.8967	3.8876	3.8784	3.8706	3.8654	3.8635
	RHO	5.6831	5.6827	5.6815	5.6797	5.6776	5.6755	5.6738	5.6726	5.6722
	P	2.1167	2.1146	2.1086	2.0995	2.0889	2.0783	2.0693	2.0633	2.0612
	U	5.1684	5.1752	5.1948	5.2241	5.2586	5.2932	5.3226	5.3422	5.3491
	V	-1.4003	-1.3997	-1.3980	-1.3955	-1.3924	-1.3893	-1.3866	-1.3847	-1.3841
	W	0.0	0.0385	0.0711	0.0930	0.1008	0.0933	0.0715	0.0387	0.0000
0.900	A	3.9071	3.9053	3.9001	3.8924	3.8832	3.8741	3.8663	3.8611	3.8593
	RHO	5.6514	5.6510	5.6499	5.6482	5.6463	5.6443	5.6427	5.6416	5.6412
	P	2.1002	2.0981	2.0921	2.0832	2.0727	2.0623	2.0534	2.0475	2.0454
	U	5.1505	5.1573	5.1769	5.2063	5.2413	5.2757	5.3051	5.3248	5.3317
	V	-1.5258	-1.5252	-1.5234	-1.5207	-1.5174	-1.5141	-1.5112	-1.5092	-1.5085
	W	0.0	0.0393	0.0727	0.0951	0.1030	0.0953	0.0730	0.0395	0.0000
1.000	A	3.9024	3.9006	3.8955	3.8878	3.8786	3.8695	3.8618	3.8566	3.8548
	RHO	5.6177	5.6174	5.6163	5.6148	5.6130	5.6112	5.6096	5.6086	5.6082
	P	2.0827	2.0806	2.0748	2.0660	2.0556	2.0453	2.0366	2.0309	2.0287
THS/THC		1.1700	1.1698	1.1694	1.1687	1.1678	1.1670	1.1663	1.1658	1.1656

M=10.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 7.6220

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.8963	4.9081	4.9415	4.9916	5.0505	5.1092	5.1588	5.1918	5.2033
	V	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000	0.0000
	W	0.0	0.0771	0.1423	0.1857	0.2005	0.1845	0.1406	0.0758	0.0000
0.0	A	4.0256	4.0226	4.0140	4.0012	3.9863	3.9714	3.9590	3.9507	3.9478
	RHO	5.8577	5.8358	5.7740	5.6828	5.5774	5.4743	5.3889	5.3328	5.3133
	P	2.3109	2.2988	2.2648	2.2149	2.1575	2.1019	2.0562	2.0263	2.0159
	U	4.8962	4.9268	5.0150	5.1507	5.3165	5.4894	5.6415	5.7462	5.7836
	V	-0.0490	-0.0489	-0.0486	-0.0482	-0.0477	-0.0471	-0.0467	-0.0463	-0.0462
	W	0.0	0.0970	0.1785	0.2318	0.2488	0.2279	0.1731	0.0932	0.0000
0.025	A	4.0255	4.0178	3.9954	3.9602	3.9159	3.8681	3.8247	3.7939	3.7828
	RHO	5.8575	5.8492	5.8277	5.8011	5.7796	5.7704	5.7737	5.7823	5.7867
	P	2.3108	2.2987	2.2647	2.2148	2.1575	2.1019	2.0561	2.0262	2.0158
	U	4.8958	4.9271	5.0171	5.1547	5.3216	5.4938	5.6441	5.7458	5.7833
	V	-0.0972	-0.0971	-0.0965	-0.0957	-0.0947	-0.0937	-0.0927	-0.0920	-0.0918
	W	0.0	0.1059	0.1954	0.2547	0.2753	0.2534	0.1936	0.1047	0.0000
0.050	A	4.0255	4.0175	3.9945	3.9587	3.9140	3.8664	3.8235	3.7935	3.7827
	RHO	5.8568	5.8492	5.8294	5.8047	5.7844	5.7749	5.7763	5.7827	5.7860
	P	2.3104	2.2983	2.2643	2.2145	2.1572	2.1016	2.0558	2.0259	2.0155
	U	4.8945	4.9265	5.0183	5.1577	5.3257	5.4973	5.6458	5.7465	5.7832
	V	-0.1919	-0.1915	-0.1905	-0.1889	-0.1868	-0.1847	-0.1828	-0.1815	-0.1809
	W	0.0	0.1185	0.2192	0.2868	0.3111	0.2882	0.2212	0.1200	0.0000
0.100	A	4.0251	4.0169	3.9933	3.9568	3.9117	3.8643	3.8221	3.7929	3.7824
	RHO	5.8543	5.8475	5.8296	5.8071	5.7882	5.7782	5.7776	5.7815	5.7837
	P	2.3090	2.2970	2.2631	2.2133	2.1561	2.1005	2.0547	2.0248	2.0144
	U	4.8893	4.9220	5.0156	5.1571	5.3260	5.4972	5.6441	5.7431	5.7780
	V	-0.3740	-0.3733	-0.3712	-0.3681	-0.3641	-0.3597	-0.3558	-0.3529	-0.3518
	W	0.0	0.1360	0.2520	0.3308	0.3603	0.3347	0.2577	0.1400	0.0000
0.200	A	4.0238	4.0154	3.9910	3.9537	3.9082	3.8611	3.8197	3.7914	3.7813
	RHO	5.8448	5.8389	5.8235	5.8039	5.7866	5.7760	5.7729	5.7740	5.7750
	P	2.3037	2.2918	2.2581	2.2086	2.1517	2.0962	2.0505	2.0205	2.0101
	U	4.8813	4.9144	5.0091	5.1517	5.3213	5.4924	5.6387	5.7369	5.7715
	V	-0.5469	-0.5459	-0.5430	-0.5384	-0.5325	-0.5260	-0.5200	-0.5156	-0.5141
	W	0.0	0.1487	0.2756	0.3620	0.3945	0.3671	0.2828	0.1537	0.0000
0.300	A	4.0218	4.0132	3.9884	3.9507	3.9053	3.8580	3.8172	3.7894	3.7796
	RHO	5.8301	5.8250	5.8114	5.7938	5.7777	5.7669	5.7623	5.7616	5.7618
	P	2.2957	2.2839	2.2505	2.2014	2.1448	2.0896	2.0440	2.0141	2.0037
	U	4.8709	4.9043	4.9996	5.1430	5.3132	5.4845	5.6306	5.7285	5.7630
	V	-0.7115	-0.7102	-0.7064	-0.7005	-0.6928	-0.6844	-0.6765	-0.6707	-0.6686
	W	0.0	0.1587	0.2943	0.3867	0.4214	0.3922	0.3021	0.1642	0.0000
0.400	A	4.0192	4.0104	3.9854	3.9474	3.9016	3.8548	3.8144	3.7870	3.7773
	RHO	5.8112	5.8067	5.7946	5.7788	5.7637	5.7529	5.7472	5.7452	5.7449
	P	2.2852	2.2736	2.2406	2.1920	2.1359	2.0811	2.0356	2.0058	1.9955
	U	4.8583	4.8920	4.9879	5.1319	5.3027	5.4743	5.6203	5.7182	5.7526
	V	-0.8684	-0.8668	-0.8624	-0.8552	-0.8459	-0.8356	-0.8260	-0.8189	-0.8164
	W	0.0	0.1671	0.3098	0.4070	0.4435	0.4126	0.3177	0.1727	0.0000
0.500	A	4.0160	4.0072	3.9820	3.9438	3.8979	3.8513	3.8113	3.7842	3.7747
	RHO	5.7886	5.7846	5.7740	5.7597	5.7457	5.7349	5.7284	5.7254	5.7247
	P	2.2728	2.2613	2.2288	2.1808	2.1252	2.0708	2.0257	1.9960	1.9857
	U	4.8440	4.8778	4.9742	5.1188	5.2901	5.4621	5.6084	5.7063	5.7407
	V	-1.0183	-1.0165	-1.0114	-1.0031	-0.9923	-0.9803	-0.9691	-0.9609	-0.9579
	W	0.0	0.1742	0.3230	0.4243	0.4622	0.4298	0.3306	0.1797	0.0000
0.600	A	4.0125	4.0036	3.9782	3.9398	3.8943	3.8476	3.8078	3.7811	3.7716
	RHO	5.7628	5.7594	5.7500	5.7372	5.7242	5.7136	5.7065	5.7028	5.7017
	P	2.2586	2.2473	2.2153	2.1680	2.1130	2.0591	2.0143	1.9848	1.9745
	U	4.8282	4.8621	4.9588	5.1040	5.2759	5.4483	5.5949	5.6930	5.7275
	V	-1.1618	-1.1598	-1.1540	-1.1447	-1.1326	-1.1191	-1.1064	-1.0973	-1.0939
	W	0.0	0.1804	0.3344	0.4391	0.4782	0.4445	0.3420	0.1857	0.0000
0.700	A	4.0085	3.9996	3.9741	3.9356	3.8898	3.8436	3.8041	3.7776	3.7683
	RHO	5.7343	5.7313	5.7232	5.7118	5.6999	5.6895	5.6820	5.6776	5.6762
	P	2.2430	2.2319	2.2004	2.1538	2.0995	2.0462	2.0017	1.9724	1.9622
	U	4.8110	4.8451	4.9422	5.0879	5.2602	5.4332	5.5801	5.6785	5.7131
	V	-1.2995	-1.2973	-1.2910	-1.2807	-1.2674	-1.2525	-1.2385	-1.2284	-1.2247
	W	0.0	0.1858	0.3445	0.4522	0.4921	0.4572	0.3516	0.1909	0.0000
0.800	A	4.0041	3.9952	3.9696	3.9311	3.8854	3.8393	3.8001	3.7738	3.7646
	RHO	5.7033	5.7008	5.6939	5.6839	5.6729	5.6629	5.6550	5.6502	5.6486
	P	2.2261	2.2152	2.1842	2.1383	2.0848	2.0321	1.9880	1.9590	1.9488
	U	4.7928	4.8270	4.9244	5.0705	5.2434	5.4169	5.5643	5.6630	5.6977
	V	-1.4318	-1.4295	-1.4226	-1.4115	-1.3970	-1.3809	-1.3658	-1.3549	-1.3509
	W	0.0	0.1907	0.3533	0.4637	0.5044	0.4684	0.3600	0.1954	0.0000
0.900	A	3.9995	3.9905	3.9649	3.9264	3.8807	3.8349	3.7959	3.7698	3.7606
	RHO	5.6702	5.6681	5.6623	5.6537	5.6437	5.6340	5.6260	5.6208	5.6190
	P	2.2080	2.1973	2.1670	2.1218	2.0691	2.0173	1.9734	1.9446	1.9345
	U	4.7737	4.8080	4.9056	5.0522	5.2256	5.3996	5.5476	5.6466	5.6814
	V	-1.5593	-1.5568	-1.5494	-1.5375	-1.5221	-1.5049	-1.4887	-1.4771	-1.4728
	W	0.0	0.1950	0.3613	0.4739	0.5153	0.4783	0.3674	0.1993	0.0000
1.000	A	3.9945	3.9855	3.9599	3.9214	3.8758	3.8302	3.7914	3.7655	3.7564
	RHO	5.6351	5.6334	5.6287	5.6214	5.6124	5.6032	5.5950	5.5895	5.5875
	P	2.1889	2.1784	2.1487	2.1044	2.0525	2.0011	1.9579	1.9293	1.9193
THS/THC		1.1797	1.1790	1.1768	1.1734	1.1692	1.1649	1.1611	1.1585	1.1576

M=10.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)= 7.6220

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.4080	4.4339	4.5077	4.6184	4.7491	4.8795	4.9891	5.0614	5.0866
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.1697	0.3143	0.4116	0.4453	0.4091	0.3099	0.1658	0.0000
0.0	A	4.1369	4.1307	4.1130	4.0866	4.0558	4.0255	4.0003	3.9838	3.9781
	RHO	5.8891	5.8449	5.7206	5.5396	5.3340	5.1377	4.9791	4.8773	4.8423
	P	2.4535	2.4278	2.3558	2.2521	2.1363	2.0268	1.9397	1.8844	1.8655
	U	4.4078	4.4634	4.6253	4.8797	5.2020	5.5534	5.8770	6.1066	6.1897
	V	-0.0507	-0.0505	-0.0499	-0.0491	-0.0482	-0.0471	-0.0461	-0.0452	-0.0449
	W	0.0	0.1995	0.3664	0.4735	0.5043	0.4569	0.3437	0.1840	0.0000
0.025	A	4.1369	4.1240	4.0858	4.0240	3.9417	3.8458	3.7507	3.6789	3.6520
	RHO	5.8889	5.8636	5.7969	5.7134	5.6474	5.6291	5.6638	5.7190	5.7454
	P	2.4534	2.4277	2.3558	2.2522	2.1363	2.0268	1.9397	1.8843	1.8654
	U	4.4074	4.4655	4.6339	4.8962	5.2235	5.5736	5.8895	6.1102	6.1895
	V	-0.1005	-0.1001	-0.0990	-0.0974	-0.0955	-0.0935	-0.0915	-0.0900	-0.0894
	W	0.0	0.2147	0.3956	0.5143	0.5531	0.5078	0.3873	0.2096	0.0000
0.050	A	4.1368	4.1232	4.0831	4.0188	3.9345	3.8385	3.7458	3.6773	3.6519
	RHO	5.8882	5.8650	5.8038	5.7277	5.6678	5.6502	5.6781	5.7233	5.7448
	P	2.4530	2.4273	2.3556	2.2520	2.1359	2.0267	1.9395	1.8841	1.8651
	U	4.4059	4.4665	4.6418	4.9119	5.2441	5.5924	5.9007	6.1129	6.1885
	V	-0.1983	-0.1976	-0.1956	-0.1925	-0.1887	-0.1845	-0.1804	-0.1772	-0.1760
	W	0.0	0.2369	0.4382	0.5734	0.6225	0.5780	0.4456	0.2428	0.0000
0.100	A	4.1364	4.1220	4.0798	4.0127	3.9262	3.8303	3.7403	3.6754	3.6516
	RHO	5.8855	5.8648	5.8105	5.7430	5.6895	5.6722	5.6922	5.7263	5.7425
	P	2.4514	2.4259	2.3544	2.2511	2.1352	2.0259	1.9386	1.8831	1.8641
	U	4.4001	4.4634	4.6456	4.9236	5.2602	5.6067	5.9078	6.1123	6.1847
	V	-0.3863	-0.3851	-0.3815	-0.3758	-0.3685	-0.3598	-0.3510	-0.3441	-0.3413
	W	0.0	0.2691	0.4993	0.6571	0.7187	0.6726	0.5217	0.2853	0.0000
0.200	A	4.1350	4.1196	4.0749	4.0046	3.9161	3.8206	3.7337	3.6726	3.6506
	RHO	5.8754	5.8581	5.8125	5.7558	5.7100	5.6919	5.7023	5.7238	5.7342
	P	2.4456	2.4203	2.3496	2.2471	2.1317	2.0226	1.9352	1.8794	1.8603
	U	4.3911	4.4559	4.6419	4.9241	5.2631	5.6089	5.9068	6.1079	6.1787
	V	-0.5647	-0.5630	-0.5581	-0.5501	-0.5394	-0.5264	-0.5129	-0.5023	-0.4981
	W	0.0	0.2931	0.5446	0.7183	0.7875	0.7385	0.5734	0.3136	0.0000
0.300	A	4.1328	4.1168	4.0705	3.9984	3.9087	3.8136	3.7287	3.6700	3.6490
	RHO	5.8599	5.8451	5.8060	5.7570	5.7162	5.6974	5.7013	5.7148	5.7217
	P	2.4365	2.4116	2.3419	2.2406	2.1263	2.0172	1.9297	1.8738	1.8546
	U	4.3794	4.4452	4.6336	4.9187	5.2595	5.6052	5.9015	6.1008	6.1709
	V	-0.7340	-0.7319	-0.7258	-0.7158	-0.7023	-0.6850	-0.6671	-0.6529	-0.6475
	W	0.0	0.3126	0.5812	0.7672	0.8418	0.7895	0.6128	0.3349	0.0000
0.400	A	4.1300	4.1136	4.0661	3.9926	3.9022	3.8076	3.7243	3.6672	3.6469
	RHO	5.8398	5.8271	5.7935	5.7509	5.7142	5.6949	5.6939	5.7014	5.7056
	P	2.4248	2.4004	2.3318	2.2318	2.1182	2.0100	1.9226	1.8666	1.8474
	U	4.3654	4.4319	4.6221	4.9092	5.2515	5.5975	5.8932	6.0917	6.1615
	V	-0.8950	-0.8926	-0.8855	-0.8736	-0.8569	-0.8362	-0.8143	-0.7969	-0.7902
	W	0.0	0.3290	0.6120	0.8080	0.8864	0.8310	0.6444	0.3519	0.0000
0.500	A	4.1265	4.1098	4.0615	3.9871	3.8962	3.8021	3.7200	3.6642	3.6445
	RHO	5.8158	5.8050	5.7764	5.7394	5.7064	5.6867	5.6816	5.6844	5.6866
	P	2.4109	2.3870	2.3196	2.2211	2.1088	2.0012	1.9141	1.8580	1.8387
	U	4.3495	4.4166	4.6081	4.8968	5.2404	5.5869	5.8826	6.0809	6.1506
	V	-1.0485	-1.0458	-1.0378	-1.0242	-1.0049	-0.9807	-0.9552	-0.9349	-0.9272
	W	0.0	0.3433	0.6384	0.8428	0.9242	0.8657	0.6706	0.3658	0.0000
0.600	A	4.1227	4.1057	4.0566	3.9815	3.8904	3.7967	3.7157	3.6610	3.6417
	RHO	5.7885	5.7795	5.7553	5.7235	5.6939	5.6740	5.6657	5.6645	5.6650
	P	2.3951	2.3717	2.3057	2.2088	2.0979	1.9911	1.9043	1.8482	1.8289
	U	4.3321	4.3995	4.5921	4.8821	5.2268	5.5742	5.8703	6.0687	6.1385
	V	-1.1951	-1.1921	-1.1832	-1.1680	-1.1464	-1.1191	-1.0903	-1.0675	-1.0588
	W	0.0	0.3558	0.6616	0.8731	0.9568	0.8953	0.6927	0.3776	0.0000
0.700	A	4.1184	4.1011	4.0515	3.9759	3.8846	3.7914	3.7114	3.6576	3.6386
	RHO	5.7584	5.7510	5.7310	5.7041	5.6775	5.6577	5.6465	5.6421	5.6411
	P	2.3776	2.3548	2.2902	2.1951	2.0857	1.9799	1.8934	1.8375	1.8182
	U	4.3133	4.3810	4.5744	4.8655	5.2113	5.5596	5.8564	6.0553	6.1252
	V	-1.3353	-1.3321	-1.3224	-1.3058	-1.2819	-1.2519	-1.2201	-1.1951	-1.1855
	W	0.0	0.3669	0.6821	0.8997	0.9852	0.9209	0.7117	0.3876	0.0000
0.800	A	4.1137	4.0963	4.0463	3.9702	3.8789	3.7862	3.7069	3.6539	3.6353
	RHO	5.7250	5.7200	5.7039	5.6815	5.6580	5.6383	5.6247	5.6174	5.6151
	P	2.3588	2.3365	2.2734	2.1801	2.0724	1.9676	1.8816	1.8257	1.8065
	U	4.2934	4.3613	4.5554	4.8474	5.1943	5.5437	5.8414	6.0408	6.1110
	V	-1.4698	-1.4663	-1.4559	-1.4379	-1.4121	-1.3796	-1.3453	-1.3182	-1.3079
	W	0.0	0.3769	0.7005	0.9234	1.0103	0.9433	0.7282	0.3962	0.0000
0.900	A	4.1087	4.0911	4.0408	3.9644	3.8731	3.7809	3.7024	3.6500	3.6317
	RHO	5.6910	5.6866	5.6742	5.6562	5.6355	5.6161	5.6006	5.5907	5.5873
	P	2.3388	2.3170	2.2554	2.1641	2.0583	1.9544	1.8689	1.8132	1.7940
	U	4.2727	4.3407	4.5353	4.8281	5.1760	5.5265	5.8253	6.0255	6.0959
	V	-1.5990	-1.5954	-1.5841	-1.5649	-1.5373	-1.5025	-1.4660	-1.4373	-1.4263
	W	0.0	0.3859	0.7169	0.9446	1.0325	0.9631	0.7426	0.4037	0.0000
1.000	A	4.1034	4.0857	4.0350	3.9585	3.8673	3.7755	3.6977	3.6459	3.6278
	RHO	5.6542	5.6512	5.6424	5.6284	5.6107	5.5916	5.5743	5.5621	5.5578
	P	2.3176	2.2965	2.2364	2.1470	2.0428	1.9404	1.8555	1.7999	1.7807
THS/THC		1.1941	1.1927	1.1887	1.1822	1.1739	1.1649	1.1567	1.1509	1.1488

M=15.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=11.4651

X1	PHI	0.0
	U	8.1109
	V	-0.0300
	W	0.0
-0.000	A	5.7308
	RHO	6.0308
	P	2.1430
	U	8.1108
	V	-0.0676
	W	0.0
0.025	A	5.7308
	RHO	6.0306
	P	2.1429
	U	8.1104
	V	-0.1342
	W	0.0
0.050	A	5.7307
	RHO	6.0300
	P	2.1426
	U	8.1088
	V	-0.2650
	W	0.0
0.100	A	5.7302
	RHO	6.0277
	P	2.1414
	U	8.1026
	V	-0.5168
	W	0.0
0.200	A	5.7285
	RHO	6.0188
	P	2.1370
	U	8.0929
	V	-0.7568
	W	0.0
0.300	A	5.7260
	RHO	6.0051
	P	2.1302
	U	8.0802
	V	-0.9861
	W	0.0
0.400	A	5.7226
	RHO	5.9874
	P	2.1214
	U	8.0648
	V	-1.2057
	W	0.0
0.500	A	5.7185
	RHO	5.9662
	P	2.1109
	U	8.0471
	V	-1.4164
	W	0.0
0.600	A	5.7138
	RHO	5.9419
	P	2.0989
	U	8.0273
	V	-1.6190
	W	0.0
0.700	A	5.7086
	RHO	5.9148
	P	2.0855
	U	8.0058
	V	-1.8141
	W	0.0
0.800	A	5.7029
	RHO	5.8854
	P	2.0710
	U	7.9828
	V	-2.0025
	W	0.0
0.900	A	5.6968
	RHO	5.8537
	P	2.0554
	U	7.9584
	V	-2.1846
	W	0.0
1.000	A	5.6902
	RHO	5.8200
	P	2.0389

THS/THC 1.1591

M=15.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=11.4651

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.9784	7.9816	7.9904	8.0036	8.0192	8.0348	8.0479	8.0568	8.0598
	V	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000
	W	0.0	0.0203	0.0376	0.0491	0.0531	0.0490	0.0375	0.0203	0.0000
0.0	A	5.7679	5.7671	5.7646	5.7609	5.7566	5.7522	5.7486	5.7461	5.7452
	RHO	6.0354	6.0309	6.0180	5.9988	5.9762	5.9537	5.9348	5.9221	5.91[illegible]
	P	2.1725	2.1702	2.1637	2.1541	2.1427	2.1315	2.1219	2.1156	2.1134
	U	7.9783	7.9881	8.0162	8.0585	8.1087	8.1594	8.2027	8.2318	8.2420
	V	-0.0681	-0.0681	-0.0679	-0.0677	-0.0676	-0.0674	-0.0673	-0.0673	-0.0673
	W	0.0	0.0277	0.0511	0.0667	0.0721	0.0665	0.0509	0.0275	0.0000
0.025	A	5.7679	5.7652	5.7573	5.7455	5.7313	5.7169	5.7045	5.6962	5.6932
	RHO	6.0352	6.0346	6.0330	6.0308	6.0288	6.0273	6.0264	6.0261	6.0260
	P	2.1724	2.1701	2.1636	2.1540	2.1426	2.1314	2.1218	2.1155	2.1133
	U	7.9779	7.9878	8.0160	8.0584	8.1086	8.1593	8.2025	8.2315	8.2416
	V	-0.1351	-0.1351	-0.1349	-0.1346	-0.1343	-0.1340	-0.1337	-0.1336	-0.1335
	W	0.0	0.0307	0.0567	0.0741	0.0802	0.0741	0.0567	0.0307	0.0000
0.050	A	5.7678	5.7650	5.7571	5.7453	5.7311	5.7167	5.7044	5.6961	5.6931
	RHO	6.0346	6.0340	6.0324	6.0304	6.0284	6.0269	6.0259	6.0255	6.0254
	P	2.1721	2.1698	2.1633	2.1537	2.1423	2.1311	2.1215	2.1152	2.1130
	U	7.9762	7.9861	8.0145	8.0570	8.1073	8.1579	8.2010	8.2299	8.2400
	V	-0.2667	-0.2666	-0.2662	-0.2657	-0.2651	-0.2644	-0.2639	-0.2636	-0.2635
	W	0.0	0.0348	0.0644	0.0842	0.0912	0.0844	0.0646	0.0350	0.0000
0.100	A	5.7673	5.7645	5.7566	5.7447	5.7305	5.7161	5.7039	5.6956	5.6927
	RHO	6.0322	6.0316	6.0302	6.0282	6.0263	6.0247	6.0237	6.0232	6.0230
	P	2.1709	2.1686	2.1621	2.1525	2.1412	2.1299	2.1204	2.1141	2.1118
	U	7.9699	7.9799	8.0083	8.0510	8.1014	8.1520	8.1951	8.2239	8.2340
	V	-0.5202	-0.5200	-0.5192	-0.5182	-0.5169	-0.5156	-0.5145	-0.5138	-0.5136
	W	0.0	0.0405	0.0749	0.0980	0.1062	0.0983	0.0753	0.0408	0.0000
0.200	A	5.7656	5.7628	5.7549	5.7429	5.7287	5.7143	5.7021	5.6939	5.6910
	RHO	6.0232	6.0227	6.0214	6.0196	6.0177	6.0162	6.0151	6.0144	6.0143
	P	2.1664	2.1641	2.1576	2.1480	2.1368	2.1255	2.1160	2.1097	2.1075
	U	7.9600	7.9700	7.9986	8.0413	8.0919	8.1425	8.1856	8.2144	8.2245
	V	-0.7618	-0.7615	-0.7604	-0.7588	-0.7569	-0.7550	-0.7534	-0.7523	-0.7519
	W	0.0	0.0445	0.0823	0.1077	0.1168	0.1081	0.0828	0.0449	0.0000
0.300	A	5.7629	5.7602	5.7522	5.7402	5.7260	5.7117	5.6995	5.6913	5.6884
	RHO	6.0094	6.0090	6.0078	6.0061	6.0043	6.0027	6.0016	6.0009	6.0007
	P	2.1594	2.1572	2.1508	2.1412	2.1300	2.1188	2.1094	2.1031	2.1009
	U	7.9470	7.9571	7.9857	8.0286	8.0793	8.1300	8.1731	8.2019	8.2120
	V	-0.9927	-0.9922	-0.9908	-0.9887	-0.9862	-0.9837	-0.9816	-0.9801	-0.9796
	W	0.0	0.0476	0.0881	0.1153	0.1250	0.1157	0.0887	0.0481	0.0000
0.400	A	5.7595	5.7567	5.7487	5.7367	5.7225	5.7083	5.6961	5.6880	5.6851
	RHO	5.9915	5.9911	5.9900	5.9884	5.9867	5.9852	5.9841	5.9834	5.9832
	P	2.1504	2.1482	2.1418	2.1323	2.1212	2.1101	2.1007	2.0945	2.0923
	U	7.9313	7.9414	7.9701	8.0131	8.0639	8.1148	8.1579	8.1868	8.1969
	V	-1.2136	-1.2130	-1.2114	-1.2098	-1.2058	-1.2028	-1.2001	-1.1984	-1.1977
	W	0.0	0.0502	0.0929	0.1216	0.1318	0.1220	0.0935	0.0507	0.0000
0.500	A	5.7554	5.7526	5.7446	5.7326	5.7184	5.7042	5.6921	5.6840	5.6811
	RHO	5.9701	5.9697	5.9687	5.9672	5.9656	5.9642	5.9631	5.9624	5.9622
	P	2.1396	2.1374	2.1311	2.1217	2.1107	2.0997	2.0904	2.0842	2.0820
	U	7.9132	7.9233	7.9521	7.9953	8.0462	8.0972	8.1404	8.1694	8.1795
	V	-1.4256	-1.4250	-1.4230	-1.4201	-1.4165	-1.4130	-1.4099	-1.4078	-1.4071
	W	0.0	0.0525	0.0970	0.1269	0.1376	0.1273	0.0976	0.0529	0.0000
0.600	A	5.7506	5.7478	5.7398	5.7279	5.7137	5.6995	5.6875	5.6794	5.6765
	RHO	5.9455	5.9451	5.9442	5.9429	5.9414	5.9401	5.9390	5.9384	5.9381
	P	2.1273	2.1251	2.1189	2.1096	2.0987	2.0878	2.0786	2.0724	2.0703
	U	7.8931	7.9032	7.9321	7.9754	8.0264	8.0776	8.1210	8.1500	8.1602
	V	-1.6294	-1.6287	-1.6265	-1.6232	-1.6192	-1.6151	-1.6116	-1.6092	-1.6084
	W	0.0	0.0543	0.1005	0.1315	0.1426	0.1319	0.1011	0.0548	0.0000
0.700	A	5.7453	5.7425	5.7346	5.7226	5.7085	5.6943	5.6823	5.6742	5.6714
	RHO	5.9181	5.9179	5.9170	5.9158	5.9145	5.9133	5.9123	5.9116	5.9114
	P	2.1136	2.1115	2.1053	2.0961	2.0853	2.0746	2.0654	2.0594	2.0572
	U	7.8712	7.8813	7.9103	7.9537	8.0053	8.0562	8.0998	8.1288	8.1391
	V	-1.8257	-1.8248	-1.8224	-1.8188	-1.8144	-1.8099	-1.8060	-1.8034	-1.8024
	W	0.0	0.0560	0.1036	0.1355	0.1469	0.1359	0.1041	0.0564	0.0000
0.800	A	5.7395	5.7367	5.7288	5.7169	5.7028	5.6887	5.6767	5.6686	5.6658
	RHO	5.8884	5.8881	5.8874	5.8864	5.8852	5.8840	5.8831	5.8825	5.8823
	P	2.0988	2.0966	2.0906	2.0815	2.0708	2.0602	2.0512	2.0452	2.0431
	U	7.8477	7.8579	7.8870	7.9305	7.9819	8.0333	8.0770	8.1062	8.1165
	V	-2.0151	-2.0142	-2.0115	-2.0075	-2.0028	-1.9978	-1.9937	-1.9908	-1.9897
	W	0.0	0.0575	0.1063	0.1391	0.1507	0.1394	0.1068	0.0579	0.0000
0.900	A	5.7333	5.7305	5.7226	5.7106	5.6965	5.6825	5.6706	5.6626	5.6598
	RHO	5.8563	5.8561	5.8555	5.8546	5.8536	5.8526	5.8517	5.8512	5.8510
	P	2.0828	2.0807	2.0747	2.0658	2.0553	2.0448	2.0359	2.0299	2.0279
	U	7.8229	7.8332	7.8623	7.9060	7.9575	8.0092	8.0529	8.0822	8.0925
	V	-2.1982	-2.1972	-2.1944	-2.1901	-2.1849	-2.1797	-2.1751	-2.1720	-2.1709
	W	0.0	0.0588	0.1087	0.1422	0.1541	0.1426	0.1092	0.0592	0.0000
1.000	A	5.7266	5.7238	5.7159	5.7040	5.6903	5.6760	5.6641	5.6561	5.6533
	RHO	5.8223	5.8221	5.8216	5.8209	5.8203	5.8191	5.8183	5.8178	5.8176
	P	2.0658	2.0638	2.0579	2.0491	2.0387	2.0284	2.0196	2.0138	2.0117
THS/THC		1.1613	1.1611	1.1607	1.1600	1.1592	1.1584	1.1577	1.1572	1.1570

M=15.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=11.4651

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.4318	7.4488	7.4969	7.5689	7.6535	7.7381	7.8094	7.8568	7.8734
	V	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1108	0.2047	0.2671	0.2884	0.2655	0.2023	0.1091	0.0000
0.0	A	5.9122	5.9077	5.8950	5.8761	5.8539	5.8319	5.8133	5.8010	5.7967
	RHO	6.0531	6.0303	5.9658	5.8707	5.7605	5.6530	5.5638	5.5052	5.4848
	P	2.2892	2.2771	2.2431	2.1932	2.1358	2.0802	2.0344	2.0044	1.9941
	U	7.4317	7.4772	7.6086	7.8106	8.0575	8.3146	8.5408	8.6963	8.7518
	V	-0.0697	-0.0696	-0.0691	-0.0685	-0.0678	-0.0669	-0.0662	-0.0657	-0.0655
	W	0.0	0.1411	0.2597	0.3371	0.3617	0.3312	0.2515	0.1354	0.0000
0.025	A	5.9121	5.9003	5.8658	5.8117	5.7435	5.6702	5.6033	5.5561	5.5390
	RHO	6.0529	6.0452	6.0251	6.0013	5.9839	5.9798	5.9883	6.0010	6.0068
	P	2.2891	2.2770	2.2439	2.1931	2.1358	2.0801	2.0343	2.0043	1.9940
	U	7.4312	7.4778	7.6117	7.8165	8.0649	8.3210	8.5446	8.6972	8.7514
	V	-0.1384	-0.1381	-0.1373	-0.1361	-0.1345	-0.1330	-0.1316	-0.1306	-0.1302
	W	0.0	0.1547	0.2854	0.3719	0.4014	0.3698	0.2825	0.1527	0.0000
0.050	A	5.9120	5.8998	5.8645	5.8094	5.7407	5.6676	5.6017	5.5555	5.5389
	RHO	6.0523	6.0452	6.0270	6.0052	5.9890	5.9846	5.9911	6.0014	6.0062
	P	2.2887	2.2767	2.2427	2.1928	2.1355	2.0799	2.0340	2.0041	1.9937
	U	7.4294	7.4770	7.6136	7.8211	8.0710	8.3263	8.5472	8.6970	8.7500
	V	-0.2734	-0.2729	-0.2713	-0.2688	-0.2658	-0.2626	-0.2597	-0.2577	-0.2569
	W	0.0	0.1738	0.3215	0.4206	0.4561	0.4225	0.3243	0.1759	0.0000
0.100	A	5.9115	5.8990	5.8627	5.8066	5.7373	5.6644	5.5995	5.5546	5.5385
	RHO	6.0498	6.0436	6.0274	6.0080	5.9933	5.9883	5.9926	6.0006	6.0039
	P	2.2874	2.2754	2.2415	2.1917	2.1345	2.0788	2.0333	2.0030	1.9926
	U	7.4225	7.4711	7.6104	7.8209	8.0722	8.3268	8.5453	8.6925	8.7444
	V	-0.5337	-0.5327	-0.5296	-0.5248	-0.5183	-0.5122	-0.5062	-0.5019	-0.5003
	W	0.0	0.2006	0.3715	0.4875	0.5306	0.4932	0.3796	0.2063	0.0000
0.200	A	5.9097	5.8967	5.8594	5.8021	5.7322	5.6597	5.5960	5.5524	5.5369
	RHO	6.0405	6.0353	6.0218	6.0053	5.9923	5.9868	5.9885	5.9931	5.9954
	P	2.2825	2.2706	2.2369	2.1874	2.1303	2.0748	2.0290	1.9991	1.9887
	U	7.4117	7.4610	7.6017	7.8138	8.0661	8.3206	8.5381	8.6842	8.7357
	V	-0.7819	-0.7803	-0.7759	-0.7688	-0.7599	-0.7501	-0.7409	-0.7344	-0.7320
	W	0.0	0.2199	0.4077	0.5354	0.5833	0.5427	0.4180	0.2272	0.0000
0.300	A	5.9069	5.8937	5.8557	5.7977	5.7275	5.6553	5.5924	5.5497	5.5345
	RHO	6.0261	6.0217	6.0101	5.9958	5.9840	5.9782	5.9782	5.9809	5.9824
	P	2.2749	2.2631	2.2297	2.1806	2.1239	2.0686	2.0230	1.9930	1.9826
	U	7.3975	7.4472	7.5890	7.8023	8.0555	8.3102	8.5273	8.6730	8.7242
	V	-1.0187	-1.0168	-1.0110	-1.0019	-0.9902	-0.9773	-0.9652	-0.9566	-0.9534
	W	0.0	0.2354	0.4365	0.5734	0.6248	0.5813	0.4477	0.2434	0.0000
0.400	A	5.9032	5.8898	5.8514	5.7929	5.7226	5.6506	5.5884	5.5463	5.5314
	RHO	6.0074	6.0036	5.9936	5.9812	5.9705	5.9645	5.9634	5.9647	5.9656
	P	2.2650	2.2534	2.2203	2.1717	2.1155	2.0605	2.0150	1.9852	1.9748
	U	7.3805	7.4304	7.5731	7.7874	8.0413	8.2964	8.5136	8.6591	8.7102
	V	-1.2453	-1.2429	-1.2360	-1.2249	-1.2105	-1.1948	-1.1801	-1.1695	-1.1656
	W	0.0	0.2483	0.4604	0.6048	0.6589	0.6129	0.4719	0.2564	0.0000
0.500	A	5.8988	5.8853	5.8465	5.7878	5.7173	5.6456	5.5840	5.5423	5.5276
	RHO	5.9850	5.9818	5.9732	5.9624	5.9528	5.9469	5.9448	5.9451	5.9455
	P	2.2532	2.2417	2.2091	2.1610	2.1053	2.0508	2.0056	1.9759	1.9655
	U	7.3609	7.4111	7.5544	7.7696	8.0243	8.2800	8.4974	8.6430	8.6942
	V	-1.4623	-1.4596	-1.4515	-1.4386	-1.4223	-1.4036	-1.3863	-1.3739	-1.3694
	W	0.0	0.2594	0.4809	0.6315	0.6878	0.6395	0.4922	0.2674	0.0000
0.600	A	5.8937	5.8801	5.8411	5.7821	5.7117	5.6403	5.5791	5.5379	5.5234
	RHO	5.9593	5.9566	5.9494	5.9402	5.9316	5.9258	5.9231	5.9225	5.9225
	P	2.2397	2.2283	2.1962	2.1488	2.0937	2.0397	1.9947	1.9652	1.9549
	U	7.3391	7.3896	7.5335	7.7494	8.0049	8.2612	8.4790	8.6249	8.6762
	V	-1.6707	-1.6676	-1.6585	-1.6440	-1.6251	-1.6042	-1.5847	-1.5707	-1.5655
	W	0.0	0.2690	0.4986	0.6547	0.7128	0.6624	0.5096	0.2767	0.0000
0.700	A	5.8881	5.8744	5.8352	5.7761	5.7057	5.6345	5.5738	5.5330	5.5186
	RHO	5.9307	5.9286	5.9227	5.9149	5.9074	5.9018	5.8986	5.8973	5.8970
	P	2.2247	2.2135	2.1819	2.1352	2.0808	2.0273	1.9827	1.9533	1.9431
	U	7.3155	7.3662	7.5106	7.7272	7.9835	8.2405	8.4589	8.6051	8.6565
	V	-1.8712	-1.8678	-1.8577	-1.8416	-1.8207	-1.7976	-1.7760	-1.7604	-1.7547
	W	0.0	0.2775	0.5143	0.6750	0.7346	0.6824	0.5246	0.2848	0.0000
0.800	A	5.8819	5.8681	5.8288	5.7696	5.6993	5.6285	5.5681	5.5276	5.5134
	RHO	5.8996	5.8979	5.8933	5.8870	5.8805	5.8752	5.8716	5.8698	5.8692
	P	2.2084	2.1974	2.1664	2.1203	2.0667	2.0138	1.9696	1.9405	1.9303
	U	7.2904	7.3412	7.4860	7.7033	7.9604	8.2181	8.4373	8.5839	8.6354
	V	-2.0643	-2.0606	-2.0496	-2.0321	-2.0093	-1.9842	-1.9607	-1.9437	-1.9376
	W	0.0	0.2851	0.5282	0.6931	0.7539	0.6999	0.5379	0.2919	0.0000
0.900	A	5.8752	5.8614	5.8220	5.7628	5.6926	5.6220	5.5620	5.5219	5.5078
	RHO	5.8663	5.8650	5.8615	5.8566	5.8512	5.8462	5.8424	5.8401	5.8393
	P	2.1909	2.1801	2.1497	2.1044	2.0515	1.9993	1.9556	1.9266	1.9166
	U	7.2638	7.3148	7.4601	7.6780	7.9358	8.1944	8.4142	8.5613	8.6130
	V	-2.2508	-2.2468	-2.2350	-2.2160	-2.1916	-2.1646	-2.1394	-2.1212	-2.1146
	W	0.0	0.2919	0.5407	0.7092	0.7710	0.7155	0.5496	0.2981	0.0000
1.000	A	5.8681	5.8542	5.8148	5.7556	5.6855	5.6152	5.5556	5.5157	5.5017
	RHO	5.8307	5.8299	5.8276	5.8241	5.8197	5.8152	5.8112	5.8084	5.8075
	P	2.1723	2.1618	2.1319	2.0875	2.0354	1.9839	1.9406	1.9119	1.9019
THS/THC		1.1707	1.1700	1.1678	1.1645	1.1605	1.1563	1.1526	1.1500	1.1491

M=15.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=11.4651

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.7087	6.7460	6.8523	7.0118	7.2001	7.3879	7.5458	7.6501	7.6865
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.2445	0.4528	0.5929	0.6414	0.5894	0.4466	0.2391	0.0000
0.0	A	6.0827	6.0734	6.0472	6.0080	5.9623	5.9173	5.8798	5.8552	5.8467
	RHO	6.0744	6.0284	5.8992	5.7108	5.4968	5.2923	5.1269	5.0206	4.9841
	P	2.4317	2.4059	2.3341	2.2304	2.1142	2.0050	1.9178	1.8623	1.8434
	U	6.7085	6.7912	7.0325	7.4114	7.8913	8.4138	8.8943	9.2348	9.3579
	V	-0.0721	-0.0718	-0.0710	-0.0698	-0.0684	-0.0668	-0.0652	-0.0640	-0.0635
	W	0.0	0.2903	0.5329	0.6883	0.7325	0.6634	0.4989	0.2671	0.0000
0.025	A	6.0826	6.0628	6.0042	5.9092	5.7826	5.6350	5.4888	5.3785	5.3372
	RHO	6.0742	6.0493	5.9838	5.9036	5.8443	5.8359	5.8832	5.9498	5.9808
	P	2.4316	2.4059	2.3340	2.2304	2.1143	2.0050	1.9177	1.8623	1.8433
	U	6.7080	6.7943	7.0451	7.4355	7.9226	8.4431	8.9123	9.2400	9.3575
	V	-0.1431	-0.1425	-0.1409	-0.1385	-0.1357	-0.1326	-0.1296	-0.1273	-0.1264
	W	0.0	0.3134	0.5774	0.7504	0.8066	0.7403	0.5545	0.3054	0.0000
0.050	A	6.0825	6.0617	6.0002	5.9014	5.7718	5.6241	5.4815	5.3761	5.3371
	RHO	6.0735	6.0508	5.9913	5.9188	5.8655	5.8582	5.8985	5.9544	5.9802
	P	2.4312	2.4055	2.3338	2.2303	2.1142	2.0048	1.9176	1.8620	1.8430
	U	6.7059	6.7961	7.0569	7.4588	7.9529	8.4707	8.9288	9.2440	9.3562
	V	-0.2826	-0.2816	-0.2786	-0.2740	-0.2683	-0.2620	-0.2558	-0.2509	-0.2490
	W	0.0	0.3474	0.6424	0.8404	0.9119	0.8466	0.6525	0.3555	0.0000
0.100	A	6.0820	6.0599	5.9952	5.8921	5.7593	5.6118	5.4733	5.3733	5.3367
	RHO	6.0709	6.0509	5.9985	5.9352	5.8893	5.8817	5.9136	5.9578	5.9780
	P	2.4297	2.4042	2.3327	2.2294	2.1135	2.0041	1.9168	1.8611	1.8421
	U	6.6981	6.7923	7.0632	7.4766	7.9772	8.4923	8.9398	9.2437	9.3512
	V	-0.5518	-0.5499	-0.5445	-0.5359	-0.5247	-0.5117	-0.4984	-0.4880	-0.4839
	W	0.0	0.3966	0.7358	0.9681	1.0584	0.9902	0.7679	0.4199	0.0000
0.200	A	6.0800	6.0565	5.9879	5.8801	5.7440	5.5971	5.4634	5.3692	5.3352
	RHO	6.0611	6.0446	6.0016	5.9496	5.9114	5.9035	5.9252	5.9558	5.9698
	P	2.4242	2.3990	2.3282	2.2257	2.1103	2.0010	1.9135	1.8577	1.8385
	U	6.6859	6.7823	7.0589	7.4785	7.9827	8.4966	8.9392	9.2380	9.3433
	V	-0.8080	-0.8054	-0.7979	-0.7857	-0.7693	-0.7497	-0.7293	-0.7133	-0.7072
	W	0.0	0.4334	0.8053	1.0618	1.1638	1.0910	0.8469	0.4631	0.0000
0.300	A	6.0770	6.0525	5.9814	5.8707	5.7329	5.5867	5.4560	5.3654	5.3330
	RHO	6.0459	6.0320	5.9958	5.9520	5.9191	5.9106	5.9252	5.9473	5.9574
	P	2.4157	2.3908	2.3210	2.2195	2.1049	1.9960	1.9084	1.8524	1.8332
	U	6.6700	6.7679	7.0481	7.4719	7.9786	8.4923	8.9326	9.2287	9.3329
	V	-1.0521	-1.0489	-1.0395	-1.0241	-1.0028	-0.9768	-0.9498	-0.9286	-0.9204
	W	0.0	0.4635	0.8617	1.1371	1.2472	1.1694	0.9074	0.4958	0.0000
0.400	A	6.0730	6.0478	5.9750	5.8622	5.7233	5.5778	5.4495	5.3614	5.3301
	RHO	6.0261	6.0145	5.9840	5.9470	5.9184	5.9092	5.9186	5.9342	5.9414
	P	2.4046	2.3802	2.3114	2.2112	2.0976	1.9892	1.9017	1.8456	1.8263
	U	6.6510	6.7499	7.0328	7.4596	7.9684	8.4825	8.9217	9.2165	9.3202
	V	-1.2851	-1.2814	-1.2703	-1.2517	-1.2259	-1.1941	-1.1609	-1.1348	-1.1247
	W	0.0	0.4890	0.9092	1.2001	1.3162	1.2335	0.9562	0.5221	0.0000
0.500	A	6.0682	6.0425	5.9683	5.8540	5.7144	5.5696	5.4432	5.3572	5.3267
	RHO	6.0024	5.9927	5.9675	5.9364	5.9116	5.9023	5.9070	5.9175	5.9225
	P	2.3914	2.3674	2.2998	2.2011	2.0886	1.9809	1.8936	1.8375	1.8182
	U	6.6292	6.7289	7.0138	7.4430	7.9535	8.4685	8.9077	9.2020	9.3055
	V	-1.5079	-1.5037	-1.4910	-1.4696	-1.4396	-1.4024	-1.3634	-1.3328	-1.3211
	W	0.0	0.5111	0.9503	1.2542	1.3749	1.2874	0.9969	0.5437	0.0000
0.600	A	6.0627	6.0366	5.9612	5.8458	5.7058	5.5617	5.4369	5.3526	5.3228
	RHO	5.9752	5.9674	5.9469	5.9212	5.9000	5.8902	5.8916	5.8977	5.9009
	P	2.3763	2.3528	2.2865	2.1894	2.0782	1.9713	1.8843	1.8282	1.8089
	U	6.6052	6.7055	6.9918	7.4230	7.9353	8.4513	8.8910	9.1856	9.2891
	V	-1.7214	-1.7166	-1.7024	-1.6784	-1.6444	-1.6022	-1.5581	-1.5235	-1.5104
	W	0.0	0.5306	0.9864	1.3013	1.4256	1.3335	1.0314	0.5621	0.0000
0.700	A	6.0565	6.0301	5.9539	5.8376	5.6933	5.5539	5.4306	5.3477	5.3185
	RHO	5.9451	5.9390	5.9229	5.9023	5.8844	5.8745	5.8728	5.8753	5.8769
	P	2.3595	2.3365	2.2717	2.1762	2.0666	1.9606	1.8740	1.8179	1.7986
	U	6.5793	6.6800	6.9675	7.4003	7.9142	8.4316	8.8723	9.1674	9.2712
	V	-1.9262	-1.9210	-1.9054	-1.8788	-1.8413	-1.7945	-1.7457	-1.7076	-1.6930
	W	0.0	0.5479	1.0184	1.3430	1.4700	1.3736	1.0612	0.5778	0.0000
0.800	A	6.0498	6.0231	5.9462	5.8293	5.6888	5.5462	5.4242	5.3425	5.3137
	RHO	5.9123	5.9079	5.8959	5.8802	5.8654	5.8555	5.8513	5.8506	5.8507
	P	2.3413	2.3189	2.2555	2.1619	2.0538	1.9488	1.8627	1.8067	1.7874
	U	6.5517	6.6527	6.9413	7.3754	7.8909	8.4098	8.8517	9.1478	9.2518
	V	-2.1232	-2.1175	-2.1005	-2.0716	-2.0307	-1.9798	-1.9268	-1.8855	-1.8697
	W	0.0	0.5635	1.0471	1.3800	1.5093	1.4088	1.0872	0.5914	0.0000
0.900	A	6.0426	6.0156	5.9382	5.8208	5.6804	5.5384	5.4176	5.3369	5.3086
	RHO	5.8772	5.8743	5.8663	5.8551	5.8435	5.8338	5.8272	5.8237	5.8227
	P	2.3219	2.3000	2.2381	2.1464	2.0400	1.9361	1.8505	1.7947	1.7754
	U	6.5228	6.6241	6.9134	7.3487	7.8657	8.3863	8.8298	9.1268	9.2312
	V	-2.3130	-2.3069	-2.2885	-2.2574	-2.2133	-2.1586	-2.1019	-2.0578	-2.0410
	W	0.0	0.5776	1.0730	1.4133	1.5444	1.4399	1.1100	0.6033	0.0000
1.000	A	6.0350	6.0078	5.9299	5.8121	5.6719	5.5306	5.4109	5.3311	5.3032
	RHO	5.8400	5.8385	5.8342	5.8275	5.8188	5.8095	5.8010	5.7950	5.7928
	P	2.3013	2.2800	2.2197	2.1299	2.0253	1.9226	1.8376	1.7819	1.7627
THS/THC		1.1845	1.1831	1.1792	1.1729	1.1648	1.1560	1.1480	1.1424	1.1404

M=15.0, THC=50.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=11.4651

X1	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	5.9301	5.9914	6.1663	6.4302	6.7441	7.0590	7.3234	7.4963	7.5559
	V	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.4015	0.7466	0.9846	1.0730	0.9889	0.7447	0.3940	0.0000
0.0	A	6.2424	6.2281	6.1674	6.1267	6.0558	5.9865	5.9298	5.8932	5.8806
	RHO	6.0955	6.0261	5.8319	5.5514	5.2375	4.9448	4.7151	4.5713	4.5226
	P	2.5699	2.5290	2.4157	2.2546	2.0782	1.9174	1.7938	1.7178	1.6922
	U	5.9299	6.0431	6.3747	6.9021	7.5906	8.3833	9.1568	9.7236	9.9305
	V	-0.0749	-0.0745	-0.0732	-0.0714	-0.0693	-0.0671	-0.0647	-0.0625	-0.0616
	W	0.0	0.4593	0.8273	1.0673	1.1277	1.0059	0.7454	0.3968	0.0000
0.025	A	6.2423	6.2173	6.1428	6.0201	5.8502	5.6345	5.3961	5.2015	5.1261
	RHO	6.0952	6.0469	5.9173	5.7504	5.6129	5.5824	5.6940	5.8680	5.9519
	P	2.5698	2.5290	2.4158	2.2548	2.0784	1.9175	1.7939	1.7177	1.6921
	U	5.9293	6.0497	6.4010	6.9547	7.6644	8.4568	9.2036	9.7375	9.9301
	V	-0.1486	-0.1477	-0.1453	-0.1416	-0.1373	-0.1330	-0.1284	-0.1244	-0.1227
	W	0.0	0.4789	0.8822	1.1447	1.2243	1.1151	0.8475	0.4600	0.0000
0.050	A	6.2422	6.2153	6.1355	6.0050	5.8267	5.6079	5.3769	5.1951	5.1260
	RHO	6.0945	6.0500	5.9310	5.7797	5.6587	5.6357	5.7345	5.8817	5.9513
	P	2.5693	2.5286	2.4157	2.2550	2.0786	1.9176	1.7938	1.7175	1.6919
	U	5.9269	6.0552	6.4277	7.0085	7.7382	8.5278	9.2474	9.7497	9.9290
	V	-0.2934	-0.2918	-0.2873	-0.2805	-0.2723	-0.2633	-0.2537	-0.2449	-0.2413
	W	0.0	0.5229	0.9668	1.2639	1.3696	1.2718	0.9853	0.5411	0.0000
0.100	A	6.2416	6.2125	6.1264	5.9867	5.7997	5.5786	5.3563	5.1882	5.1256
	RHO	6.0917	6.0521	5.9467	5.8144	5.7114	5.6946	5.7772	5.8947	5.9491
	P	2.5677	2.5273	2.4149	2.2547	2.0786	1.9174	1.7933	1.7168	1.6910
	U	5.9179	6.0546	6.4495	7.0574	7.8053	8.5898	9.2832	9.7569	9.9244
	V	-0.5720	-0.5694	-0.5619	-0.5501	-0.5347	-0.5161	-0.4946	-0.4755	-0.4676
	W	0.0	0.5896	1.0946	1.4421	1.5815	1.4890	1.1658	0.6431	0.0000
0.200	A	6.2394	6.2076	6.1137	5.9634	5.7672	5.5450	5.3333	5.1800	5.1242
	RHO	6.0812	6.0484	5.9615	5.8535	5.7714	5.7585	5.8197	5.9034	5.9412
	P	2.5615	2.5217	2.4109	2.2522	2.0769	1.9157	1.7910	1.7139	1.6879
	U	5.9040	6.0455	6.4528	7.0752	7.8317	8.6138	9.2945	9.7550	9.9172
	V	-0.8365	-0.8331	-0.8233	-0.8074	-0.7856	-0.7573	-0.7238	-0.6942	-0.6822
	W	0.0	0.6415	1.1935	1.5780	1.7385	1.6434	1.2883	0.7101	0.0000
0.300	A	6.2361	6.2024	6.1034	5.9464	5.7451	5.5233	5.3185	5.1740	5.1222
	RHO	6.0650	6.0374	5.9645	5.8742	5.8058	5.7938	5.8395	5.9017	5.9294
	P	2.5519	2.5129	2.4040	2.2474	2.0733	1.9123	1.7872	1.7094	1.6832
	U	5.8860	6.0306	6.4459	7.0777	7.8403	8.6209	9.2947	9.7483	9.9078
	V	-1.0877	-1.0837	-1.0720	-1.0526	-1.0248	-0.9873	-0.9423	-0.9028	-0.8869
	W	0.0	0.6849	1.2756	1.6895	1.8647	1.7641	1.3815	0.7600	0.0000
0.400	A	6.2317	6.1966	6.0938	5.9320	5.7273	5.5063	5.3068	5.1687	5.1196
	RHO	6.0439	6.0209	5.9601	5.8846	5.8269	5.8147	5.8480	5.8939	5.9143
	P	2.5395	2.5014	2.3946	2.2404	2.0683	1.9075	1.7819	1.7037	1.6772
	U	5.8645	6.0113	6.4323	7.0706	7.8371	8.6179	9.2882	9.7382	9.8962
	V	-1.3266	-1.3222	-1.3088	-1.2863	-1.2550	-1.2068	-1.1511	-1.1026	-1.0831
	W	0.0	0.7223	1.3461	1.7842	1.9701	1.8627	1.4562	0.7994	0.0000
0.500	A	6.2265	6.1932	6.0844	5.9189	5.7119	5.4920	5.2969	5.1636	5.1165
	RHO	6.0187	5.9938	5.9498	5.8874	5.8389	5.8262	5.8489	5.8818	5.8965
	P	2.5247	2.4875	2.3832	2.2316	2.0611	1.9013	1.7755	1.6968	1.6701
	U	5.8401	5.9885	6.4135	7.0567	7.8266	8.6080	9.2771	9.7254	9.8829
	V	-1.5544	-1.5494	-1.5346	-1.5092	-1.4708	-1.4165	-1.3511	-1.2944	-1.2717
	W	0.0	0.7553	1.4078	1.8664	2.0603	1.9455	1.5178	0.8317	0.0000
0.600	A	6.2206	6.1833	6.0750	5.9066	5.6980	5.4793	5.2879	5.1585	5.1130
	RHO	5.9899	5.9748	5.9348	5.8844	5.8441	5.8307	5.8443	5.8663	5.8762
	P	2.5078	2.4716	2.3698	2.2212	2.0529	1.8940	1.7681	1.6890	1.6621
	U	5.8134	5.9629	6.3908	7.0376	7.8104	8.5932	9.2624	9.7106	9.8679
	V	-1.7718	-1.7664	-1.7503	-1.7221	-1.6789	-1.6173	-1.5430	-1.4790	-1.4534
	W	0.0	0.7847	1.4626	1.9387	2.1386	2.0164	1.5698	0.8586	0.0000
0.700	A	6.2140	6.1759	6.0656	5.8949	5.6852	5.4677	5.2795	5.1533	5.1091
	RHO	5.9581	5.9466	5.9159	5.8766	5.8437	5.8298	5.8354	5.8480	5.8539
	P	2.4892	2.4540	2.3549	2.2095	2.0435	1.8857	1.7598	1.6803	1.6532
	U	5.7847	5.9350	6.3651	7.0146	7.7900	8.5747	9.2450	9.6939	9.8515
	V	-1.9799	-1.9741	-1.9565	-1.9258	-1.8781	-1.8097	-1.7276	-1.6571	-1.6291
	W	0.0	0.8111	1.5117	2.0030	2.2074	2.0778	1.6142	0.8814	0.0000
0.800	A	6.2067	6.1680	6.0560	5.8834	5.6730	5.4568	5.2714	5.1479	5.1048
	RHO	5.9236	5.9155	5.8935	5.8646	5.8387	5.8244	5.8229	5.8271	5.8295
	P	2.4690	2.4350	2.3386	2.1964	2.0331	1.8765	1.7507	1.6708	1.6436
	U	5.7543	5.9052	6.3368	6.9885	7.7663	8.5532	9.2254	9.6757	9.8338
	V	-2.1794	-2.1731	-2.1542	-2.1209	-2.0693	-1.9945	-1.9054	-1.8293	-1.7991
	W	0.0	0.8352	1.5561	2.0606	2.2684	2.1315	1.6527	0.9010	0.0000
0.900	A	6.1990	6.1597	6.0462	5.8722	5.6614	5.4465	5.2636	5.1424	5.1002
	RHO	5.8868	5.8818	5.8681	5.8491	5.8298	5.8153	5.8073	5.8041	5.8034
	P	2.4476	2.4146	2.3210	2.1823	2.0217	1.8664	1.7408	1.6607	1.6333
	U	5.7227	5.8739	6.3066	6.9600	7.7403	8.5294	9.2041	9.6561	9.8149
	V	-2.3710	-2.3644	-2.3441	-2.3083	-2.2523	-2.1723	-2.0771	-1.9960	-1.9640
	W	0.0	0.8570	1.5964	2.1127	2.3233	2.1793	1.6864	0.9181	0.0000
1.000	A	6.1908	6.1510	6.0363	5.8612	5.6502	5.4366	5.2560	5.1368	5.0953
	RHO	5.8479	5.8459	5.8400	5.8303	5.8174	5.8028	5.7891	5.7792	5.7756
	P	2.4250	2.3931	2.3023	2.1671	2.0094	1.8557	1.7303	1.6499	1.6224
THS/THC		1.2015	1.1996	1.1941	1.1850	1.1728	1.1588	1.1455	1.1361	1.1326

M=20.0, THC=50.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=15.3017

XI	PHI	0.0
	U	10.8519
	V	0.0000
	W	0.0
-0.000	A	7.5794
	RHO	6.1079
	P	2.1355
	U	10.8517
	V	-0.0883
	W	0.0
0.025	A	7.5794
	RHO	6.1077
	P	2.1354
	U	10.8511
	V	-0.1756
	W	0.0
0.050	A	7.5792
	RHO	6.1071
	P	2.1351
	U	10.8491
	V	-0.3467
	W	0.0
0.100	A	7.5786
	RHO	6.1048
	P	2.1339
	U	10.8411
	V	-0.6765
	W	0.0
0.200	A	7.5765
	RHO	6.0959
	P	2.1296
	U	10.8287
	V	-0.9913
	W	0.0
0.300	A	7.5731
	RHO	6.0823
	P	2.1230
	U	10.8123
	V	-1.2922
	W	0.0
0.400	A	7.5687
	RHO	6.0647
	P	2.1144
	U	10.7926
	V	-1.5807
	W	0.0
0.500	A	7.5634
	RHO	6.0435
	P	2.1040
	U	10.7697
	V	-1.8578
	W	0.0
0.600	A	7.5573
	RHO	6.0192
	P	2.0922
	U	10.7443
	V	-2.1244
	W	0.0
0.700	A	7.5505
	RHO	5.9922
	P	2.0791
	U	10.7165
	V	-2.3815
	W	0.0
0.800	A	7.5430
	RHO	5.9626
	P	2.0647
	U	10.6867
	V	-2.6298
	W	0.0
0.900	A	7.5350
	RHO	5.9309
	P	2.0494
	U	10.6552
	V	-2.8701
	W	0.0
1.000	A	7.5264
	RHO	5.8971
	P	2.0330

THS/THC 1.1562

M=20.0, THC=50.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=15.3917

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	10.6756	10.6797	10.6913	10.7087	10.7291	10.7495	10.7669	10.7784	10.7825
	V	0.0000	-0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.0267	0.0493	0.0644	0.0697	0.0643	0.0492	0.0266	0.0000
	A	7.6293	7.6282	7.6249	7.6200	7.6142	7.6084	7.6036	7.6003	7.5992
	RHO	6.1115	6.1069	6.0939	6.0743	6.0513	6.0285	6.0092	5.9964	5.9919
	P	2.1650	2.1627	2.1562	2.1465	2.1352	2.1239	2.1144	2.1081	2.1059
0.025	U	10.6754	10.6886	10.7259	10.7821	10.8489	10.9163	10.9739	11.0125	11.0261
	V	-0.0891	-0.0890	-0.0886	-0.0886	-0.0884	-0.0882	-0.0880	-0.0880	-0.0880
	W	0.0	0.0369	0.0674	0.0880	0.0951	0.0877	0.0671	0.0363	0.0000
	A	7.6293	7.6256	7.6150	7.5991	7.5803	7.5607	7.5440	7.5328	7.5288
	RHO	6.1113	6.1107	6.1093	6.1075	6.1058	6.1047	6.1042	6.1041	6.1041
	P	2.1649	2.1626	2.1561	2.1464	2.1351	2.1238	2.1143	2.1080	2.1058
0.050	U	10.6749	10.6880	10.7255	10.7819	10.8488	10.9161	10.9735	11.0124	11.0257
	V	-0.1768	-0.1757	-0.1764	-0.1760	-0.1755	-0.1752	-0.1749	-0.1747	-0.1746
	W	0.0	0.0405	0.0749	0.0978	0.1059	0.0978	0.0749	0.0405	0.0000
	A	7.6291	7.6254	7.6148	7.5988	7.5797	7.5604	7.5438	7.5326	7.5287
	RHO	6.1107	6.1102	6.1088	6.1071	6.1054	6.1043	6.1037	6.1035	6.1035
	P	2.1646	2.1623	2.1558	2.1461	2.1348	2.1235	2.1140	2.1077	2.1055
0.100	U	10.6728	10.6860	10.7237	10.7802	10.8471	10.9144	10.9717	11.0101	11.0236
	V	-0.3490	-0.3489	-0.3483	-0.3476	-0.3468	-0.3459	-0.3452	-0.3448	-0.3446
	W	0.0	0.0461	0.0852	0.1114	0.1207	0.1116	0.0855	0.0463	0.0000
	A	7.6285	7.6248	7.6141	7.5981	7.5790	7.5597	7.5432	7.5320	7.5281
	RHO	6.1083	6.1078	6.1066	6.1050	6.1034	6.1022	6.1015	6.1012	6.1011
	P	2.1634	2.1611	2.1546	2.1450	2.1337	2.1224	2.1129	2.1066	2.1043
0.200	U	10.6647	10.6779	10.7158	10.7725	10.8396	10.9069	10.9641	11.0024	11.0159
	V	-0.6811	-0.6808	-0.6798	-0.6784	-0.6767	-0.6750	-0.6735	-0.6725	-0.6722
	W	0.0	0.0537	0.0992	0.1298	0.1407	0.1302	0.0998	0.0541	0.0000
	A	7.6263	7.6226	7.6119	7.5957	7.5765	7.5573	7.5409	7.5299	7.5260
	RHO	6.0994	6.0990	6.0979	6.0964	6.0949	6.0937	6.0929	6.0925	6.0924
	P	2.1590	2.1567	2.1503	2.1407	2.1294	2.1181	2.1086	2.1023	2.1001
0.300	U	10.6520	10.6653	10.7033	10.7602	10.8274	10.8948	10.9520	10.9903	11.0037
	V	-0.9980	-0.9975	-0.9961	-0.9939	-0.9914	-0.9886	-0.9867	-0.9852	-0.9847
	W	0.0	0.0590	0.1092	0.1429	0.1549	0.1434	0.1099	0.0595	0.0000
	A	7.6229	7.6191	7.6084	7.5922	7.5731	7.5539	7.5375	7.5265	7.5226
	RHO	6.0857	6.0854	6.0843	6.0829	6.0815	6.0803	6.0795	6.0791	6.0790
	P	2.1522	2.1499	2.1435	2.1340	2.1227	2.1116	2.1021	2.0958	2.0936
0.400	U	10.6353	10.6487	10.6867	10.7437	10.8111	10.8786	10.9359	10.9742	10.9877
	V	-1.3010	-1.3004	-1.2985	-1.2958	-1.2924	-1.2891	-1.2862	-1.2842	-1.2835
	W	0.0	0.0633	0.1170	0.1531	0.1660	0.1537	0.1178	0.0638	0.0000
	A	7.6184	7.6146	7.6039	7.5878	7.5685	7.5495	7.5331	7.5221	7.5183
	RHO	6.0679	6.0675	6.0666	6.0653	6.0640	6.0629	6.0621	6.0616	6.0615
	P	2.1434	2.1411	2.1348	2.1253	2.1141	2.1030	2.0936	2.0874	2.0852
0.500	U	10.6151	10.6285	10.6667	10.7238	10.7914	10.8590	10.9164	10.9548	10.9683
	V	-1.5914	-1.5906	-1.5884	-1.5850	-1.5810	-1.5769	-1.5733	-1.5709	-1.5700
	W	0.0	0.0668	0.1235	0.1616	0.1752	0.1621	0.1243	0.0673	0.0000
	A	7.6130	7.6092	7.5985	7.5824	7.5633	7.5441	7.5278	7.5169	7.5131
	RHO	6.0464	6.0461	6.0453	6.0442	6.0430	6.0419	6.0411	6.0406	6.0405
	P	2.1328	2.1306	2.1243	2.1149	2.1038	2.0928	2.0835	2.0773	2.0751
0.600	U	10.5918	10.6053	10.6436	10.7009	10.7686	10.8364	10.8939	10.9324	10.9459
	V	-1.8703	-1.8693	-1.8668	-1.8628	-1.8583	-1.8532	-1.8491	-1.8462	-1.8452
	W	0.0	0.0698	0.1290	0.1688	0.1830	0.1693	0.1298	0.0703	0.0000
	A	7.6068	7.6030	7.5923	7.5762	7.5571	7.5380	7.5218	7.5109	7.5071
	RHO	6.0219	6.0216	6.0209	6.0199	6.0188	6.0178	6.0171	6.0166	6.0165
	P	2.1206	2.1185	2.1122	2.1029	2.0920	2.0811	2.0719	2.0657	2.0636
0.700	U	10.5659	10.5793	10.6177	10.6752	10.7432	10.8111	10.8688	10.9074	10.9209
	V	-2.1386	-2.1375	-2.1346	-2.1300	-2.1247	-2.1192	-2.1145	-2.1113	-2.1102
	W	0.0	0.0723	0.1338	0.1750	0.1897	0.1755	0.1345	0.0729	0.0000
	A	7.5999	7.5961	7.5854	7.5693	7.5503	7.5312	7.5151	7.5042	7.5004
	RHO	5.9945	5.9943	5.9937	5.9928	5.9919	5.9910	5.9903	5.9899	5.9897
	P	2.1072	2.1050	2.0989	2.0897	2.0789	2.0681	2.0590	2.0529	2.0507
0.800	U	10.5375	10.5511	10.5896	10.6473	10.7154	10.7836	10.8414	10.8801	10.8937
	V	-2.3971	-2.3960	-2.3927	-2.3878	-2.3818	-2.3757	-2.3705	-2.3669	-2.3657
	W	0.0	0.0746	0.1379	0.1804	0.1955	0.1809	0.1386	0.0751	0.0000
	A	7.5923	7.5885	7.5778	7.5618	7.5428	7.5238	7.5077	7.4969	7.4931
	RHO	5.9647	5.9645	5.9640	5.9633	5.9625	5.9617	5.9611	5.9607	5.9606
	P	2.0925	2.0904	2.0843	2.0752	2.0646	2.0539	2.0449	2.0389	2.0368
0.900	U	10.5072	10.5208	10.5594	10.6173	10.6856	10.7540	10.8120	10.8508	10.8644
	V	-2.6469	-2.6456	-2.6420	-2.6366	-2.6301	-2.6235	-2.6178	-2.6139	-2.6126
	W	0.0	0.0766	0.1416	0.1852	0.2007	0.1857	0.1423	0.0771	0.0000
	A	7.5841	7.5803	7.5697	7.5537	7.5347	7.5158	7.4997	7.4890	7.4852
	RHO	5.9326	5.9325	5.9321	5.9315	5.9308	5.9302	5.9296	5.9293	5.9292
	P	2.0768	2.0747	2.0687	2.0597	2.0492	2.0387	2.0298	2.0239	2.0218
1.000	U	10.4752	10.4888	10.5275	10.5855	10.6541	10.7227	10.7809	10.8198	10.8334
	V	-2.8885	-2.8871	-2.8833	-2.8775	-2.8705	-2.8633	-2.8572	-2.8530	-2.8516
	W	0.0	0.0784	0.1449	0.1895	0.2054	0.1900	0.1455	0.0788	0.0000
	A	7.5753	7.5716	7.5609	7.5449	7.5261	7.5072	7.4912	7.4805	7.4767
	RHO	5.8984	5.8983	5.8980	5.8976	5.8971	5.8965	5.8961	5.8958	5.8957
	P	2.0600	2.0580	2.0521	2.0432	2.0329	2.0225	2.0137	2.0079	2.0058
THS/THC		1.1583	1.1581	1.1577	1.1570	1.1562	1.1554	1.1547	1.1542	1.1540

M=20.0, THC=50.0, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=15.3017

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	9.9492	9.9714	10.0346	10.1291	10.2404	10.3514	10.4451	10.5074	10.5292
	V	0.0000	0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.1456	0.2688	0.3508	0.3788	0.3487	0.2657	0.1433	0.0000
0.0	A	7.8232	7.8173	7.8004	7.7753	7.7458	7.7166	7.6920	7.6756	7.6699
	RHO	6.1256	6.1025	6.0370	5.9403	5.8286	5.7193	5.6287	5.5691	5.5484
	P	2.2817	2.2696	2.2356	2.1857	2.1283	2.0727	2.0268	1.9969	1.9865
	U	9.9490	10.0095	10.1843	10.4530	10.7814	11.1231	11.4238	11.6306	11.7043
	V	-0.0912	-0.0910	-0.0905	-0.0896	-0.0886	-0.0875	-0.0865	-0.0859	-0.0856
	W	0.0	0.1862	0.3425	0.4445	0.4771	0.4368	0.3317	0.1785	0.0000
0.025	A	7.8232	7.8072	7.7609	7.6881	7.5964	7.4977	7.4078	7.3442	7.3212
	RHO	6.1254	6.1179	6.0985	6.0757	6.0603	6.0578	6.0685	6.0828	6.0892
	P	2.2816	2.2695	2.2355	2.1856	2.1282	2.0726	2.0267	1.9968	1.9864
	U	9.9484	10.0103	10.1885	10.4608	10.7913	11.1317	11.4288	11.6317	11.7038
	V	-0.1811	-0.1808	-0.1797	-0.1780	-0.1763	-0.1739	-0.1721	-0.1707	-0.1702
	W	0.0	0.2043	0.3769	0.4912	0.5303	0.4883	0.3730	0.2017	0.0000
0.050	A	7.8230	7.8067	7.7592	7.6851	7.5927	7.4942	7.4056	7.3435	7.3211
	RHO	6.1248	6.1179	6.1003	6.0797	6.0652	6.0628	6.0714	6.0832	6.0886
	P	2.2812	2.2692	2.2352	2.1853	2.1283	2.0723	2.0265	1.9965	1.9861
	U	9.9461	10.0093	10.1910	10.4670	10.7992	11.1387	11.4323	11.6315	11.7019
	V	-0.3579	-0.3572	-0.3551	-0.3518	-0.3478	-0.3435	-0.3396	-0.3369	-0.3358
	W	0.0	0.2300	0.4252	0.5563	0.6033	0.5588	0.4289	0.2326	0.0000
0.100	A	7.8224	7.8055	7.7568	7.6813	7.5881	7.4900	7.4027	7.3422	7.3206
	RHO	6.1223	6.1164	6.1009	6.0827	6.0696	6.0667	6.0730	6.0821	6.0863
	P	2.2800	2.2679	2.2340	2.1842	2.1273	2.0713	2.0255	1.9955	1.9851
	U	9.9372	10.0019	10.1871	10.4669	10.8010	11.1396	11.4301	11.6257	11.6948
	V	-0.6991	-0.6977	-0.6936	-0.6872	-0.6791	-0.6703	-0.6622	-0.6565	-0.6544
	W	0.0	0.2658	0.4924	0.6461	0.7031	0.6535	0.5030	0.2734	0.0000
0.200	A	7.8200	7.8026	7.7524	7.6753	7.5813	7.4837	7.3981	7.3394	7.3185
	RHO	6.1131	6.1081	6.0954	6.0803	6.0689	6.0654	6.0690	6.0750	6.0779
	P	2.2752	2.2632	2.2295	2.1800	2.1229	2.0674	2.0216	1.991	1.9812
	U	9.9233	9.9888	10.1760	10.4580	10.7935	11.1319	11.4210	11.6153	11.6837
	V	-1.0247	-1.0227	-1.0167	-1.0073	-0.9952	-0.9821	-0.9699	-0.9611	-0.9579
	W	0.0	0.2918	0.5410	0.7104	0.7739	0.7200	0.5545	0.3014	0.0000
0.300	A	7.8164	7.7986	7.7475	7.6695	7.5751	7.4779	7.3934	7.3358	7.3154
	RHO	6.0988	6.0947	6.0839	6.0709	6.0608	6.0569	6.0588	6.0629	6.0649
	P	2.2677	2.2559	2.2225	2.1733	2.1166	2.0614	2.0156	1.9857	1.9753
	U	9.9051	9.9712	10.1598	10.4434	10.7799	11.1185	11.4072	11.6008	11.6689
	V	-1.3359	-1.3333	-1.3255	-1.3133	-1.2975	-1.2802	-1.2641	-1.2525	-1.2482
	W	0.0	0.3126	0.5797	0.7614	0.8297	0.7719	0.5945	0.3231	0.0000
0.400	A	7.8116	7.7936	7.7419	7.6633	7.5686	7.4718	7.3882	7.3314	7.3113
	RHO	6.0902	6.0767	6.0675	6.0564	6.0475	6.0435	6.0441	6.0468	6.0481
	P	2.2580	2.2463	2.2133	2.1646	2.1084	2.0534	2.0079	1.9780	1.9677
	U	9.8831	9.9496	10.1393	10.4241	10.7617	11.1009	11.3895	11.5830	11.6510
	V	-1.6338	-1.6307	-1.6213	-1.6063	-1.5871	-1.5659	-1.5462	-1.5319	-1.5267
	W	0.0	0.3300	0.6119	0.8038	0.8757	0.8145	0.6271	0.3407	0.0000
0.500	A	7.8058	7.7877	7.7356	7.6565	7.5617	7.4653	7.3823	7.3263	7.3065
	RHO	6.0578	6.0549	6.0472	6.0378	6.0300	6.0259	6.0257	6.0272	6.0281
	P	2.2464	2.2349	2.2023	2.1541	2.0984	2.0439	1.9986	1.9689	1.9585
	U	9.8579	9.9247	10.1152	10.4012	10.7399	11.0797	11.3688	11.5623	11.6303
	V	-1.9196	-1.9159	-1.9050	-1.8876	-1.8651	-1.8403	-1.8172	-1.8005	-1.7944
	W	0.0	0.3449	0.6395	0.8398	0.9147	0.8504	0.6544	0.3555	0.0000
0.600	A	7.7992	7.7809	7.7285	7.6491	7.5544	7.4583	7.3759	7.3205	7.3009
	RHO	6.0321	6.0298	6.0235	6.0156	6.0088	6.0049	6.0040	6.0046	6.0051
	P	2.2331	2.2217	2.1896	2.1421	2.0873	2.0329	1.9880	1.9584	1.9481
	U	9.8298	9.8969	10.0882	10.3752	10.7149	11.0556	11.3452	11.5391	11.6071
	V	-2.1941	-2.1900	-2.1776	-2.1579	-2.1325	-2.1043	-2.0781	-2.0591	-2.0522
	W	0.0	0.3580	0.6635	0.8711	0.9484	0.8813	0.6779	0.3681	0.0000
0.700	A	7.7918	7.7734	7.7207	7.6412	7.5465	7.4507	7.3690	7.3140	7.2947
	RHO	6.0036	6.0017	5.9968	5.9904	5.9847	5.9810	5.9795	5.9794	5.9796
	P	2.2183	2.2072	2.1755	2.1287	2.0742	2.0207	1.9761	1.9467	1.9365
	U	9.7993	9.8666	10.0586	10.3466	10.6872	11.0290	11.3193	11.5135	11.5819
	V	-2.4585	-2.4538	-2.4402	-2.4183	-2.3901	-2.3589	-2.3298	-2.3088	-2.3012
	W	0.0	0.3695	0.6847	0.8986	0.9779	0.9083	0.6983	0.3790	0.0000
0.800	A	7.7837	7.7652	7.7123	7.6327	7.5381	7.4428	7.3615	7.3070	7.2879
	RHO	5.9724	5.9711	5.9674	5.9625	5.9578	5.9544	5.9525	5.9518	5.9517
	P	2.2022	2.1913	2.1602	2.1141	2.0604	2.0074	1.9632	1.9341	1.9239
	U	9.7667	9.8342	10.0268	10.3157	10.6574	11.0001	11.2912	11.4861	11.5546
	V	-2.7134	-2.7083	-2.6934	-2.6695	-2.6387	-2.6047	-2.5730	-2.5502	-2.5419
	W	0.0	0.3797	0.7035	0.9230	1.0043	0.9310	0.7162	0.3886	0.0000
0.900	A	7.7750	7.7564	7.7034	7.6238	7.5293	7.4343	7.3536	7.2995	7.2805
	RHO	5.9390	5.9380	5.9355	5.9321	5.9285	5.9254	5.9233	5.9221	5.9217
	P	2.1849	2.1742	2.1437	2.0984	2.0454	1.9931	1.9494	1.9204	1.9103
	U	9.7323	9.8031	9.9932	10.2829	10.6256	10.9694	11.2615	11.4570	11.5257
	V	-2.9597	-2.9543	-2.9382	-2.9124	-2.8792	-2.8426	-2.8085	-2.7841	-2.7751
	W	0.0	0.3889	0.7204	0.9449	1.0272	0.9531	0.7321	0.3971	0.0000
1.000	A	7.7656	7.7470	7.6940	7.6143	7.5203	7.4254	7.3451	7.2915	7.2726
	RHO	5.9033	5.9028	5.9015	5.8994	5.8969	5.8943	5.8919	5.8903	5.8898
	P	2.1666	2.1561	2.1262	2.0816	2.0295	1.9779	1.9346	1.9059	1.8959
THS/THC		1.1676	1.1669	1.1648	1.1615	1.1575	1.1533	1.1496	1.1471	1.1462

M=20.0, THC=50.0, ALPHA/THC=0.10, GAMMA=1.4, BETA*SIN(THC)=15.3017

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	8.9890	9.0381	9.1778	9.3875	9.6350	9.8818	10.0893	10.2265	10.2743
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
	W	0.0	0.3214	0.5951	0.7793	0.8430	0.7747	0.5871	0.3144	0.0000
	A	8.0523	8.0400	8.0052	7.9532	7.8925	7.8326	7.7828	7.7501	7.7387
	RHO	6.1430	6.0963	5.9653	5.7742	5.5570	5.3495	5.1816	5.0736	5.0365
	P	2.4241	2.3984	2.3265	2.2228	2.1067	1.9974	1.9102	1.8547	1.8357
0.025	U	8.9888	9.0988	9.4198	9.9238	10.5621	11.2569	11.8953	12.3475	12.5109
	V	-0.0943	-0.0940	-0.0929	-0.0913	-0.0894	-0.0873	-0.0852	-0.0836	-0.0829
	W	0.0	0.3829	0.7029	0.9077	0.9657	0.8744	0.6575	0.3520	0.0000
	A	8.0523	8.0256	7.9469	7.8190	7.6487	7.4501	7.2534	7.1050	7.0494
	RHO	6.1427	6.1180	6.0530	5.9742	5.9171	5.9130	5.9655	6.0365	6.0693
	P	2.4240	2.3983	2.3265	2.2229	2.1067	1.9974	1.9101	1.8546	1.8356
0.050	U	8.9881	9.1030	9.4366	9.9557	10.6035	11.2954	11.9190	12.3543	12.5105
	V	-0.1873	-0.1865	-0.1844	-0.1813	-0.1774	-0.1733	-0.1693	-0.1662	-0.1650
	W	0.0	0.4140	0.7625	0.9909	1.0649	0.9772	0.7451	0.4031	0.0000
	A	8.0521	8.0241	7.9415	7.8086	7.6342	7.4355	7.2436	7.1018	7.0493
	RHO	6.1421	6.1195	6.0607	5.9897	5.9392	5.9358	5.9810	6.0412	6.0688
	P	2.4236	2.3980	2.3263	2.2227	2.1066	1.9973	1.9100	1.8544	1.8354
0.100	U	8.9855	9.1054	9.4522	9.9866	10.6436	11.3319	11.9408	12.3597	12.5088
	V	-0.3701	-0.3687	-0.3647	-0.3586	-0.3513	-0.3425	-0.3342	-0.3277	-0.3252
	W	0.0	0.4596	0.8497	1.1114	1.2059	1.1194	0.8627	0.4701	0.0000
	A	8.0514	8.0218	7.9347	7.7962	7.6175	7.4191	7.2327	7.0980	7.0488
	RHO	6.1396	6.1197	6.0682	6.0066	5.9632	5.9600	5.9966	6.0447	6.0665
	P	2.4222	2.3967	2.3252	2.2219	2.1065	1.9966	1.9092	1.8535	1.8344
0.200	U	8.9754	9.1007	9.4609	10.0106	10.6761	11.3608	11.9556	12.3595	12.5024
	V	-0.7230	-0.7205	-0.7132	-0.7018	-0.6868	-0.6693	-0.6515	-0.6376	-0.6323
	W	0.0	0.5256	0.9751	1.2828	1.4023	1.3118	1.0172	0.5561	0.0000
	A	8.0488	8.0173	7.9250	7.7801	7.5972	7.3996	7.2195	7.0926	7.0469
	RHO	6.1298	6.1136	6.0716	6.0216	5.9863	5.9825	6.0087	6.0430	6.0584
	P	2.4168	2.3916	2.3208	2.2183	2.1028	1.9936	1.9060	1.8501	1.8310
0.300	U	8.9598	9.0880	9.4557	10.0136	10.6838	11.3670	11.9553	12.3523	12.4923
	V	-1.0594	-1.0559	-1.0458	-1.0295	-1.0074	-0.9811	-0.9539	-0.9326	-0.9243
	W	0.0	0.5751	1.0685	1.4087	1.5437	1.4470	1.1231	0.6141	0.0000
	A	8.0449	8.0120	7.9165	7.7677	7.5824	7.3856	7.2097	7.0877	7.0440
	RHO	6.1147	6.1012	6.0661	6.0244	5.9947	5.9902	6.0092	6.0346	6.0460
	P	2.4085	2.3836	2.3137	2.2122	2.0975	1.9686	1.9010	1.8450	1.8257
0.400	U	8.9394	9.0695	9.4421	10.0055	10.6790	11.3619	11.9470	12.3404	12.4790
	V	-1.3803	-1.3761	-1.3634	-1.3425	-1.3139	-1.2791	-1.2429	-1.2145	-1.2036
	W	0.0	0.6156	1.1443	1.5100	1.6559	1.5525	1.2045	0.6582	0.0000
	A	8.0397	8.0059	7.9080	7.7564	7.5695	7.3738	7.2010	7.0824	7.0403
	RHO	6.0950	6.0838	6.0546	6.0197	5.9945	5.9893	6.0029	6.0216	6.0301
	P	2.3977	2.3732	2.3043	2.2041	2.0904	1.9819	1.8944	1.8383	1.8190
0.500	U	8.9148	9.0463	9.4224	9.9799	10.6662	11.3495	11.9332	12.3250	12.4628
	V	-1.6870	-1.6820	-1.6669	-1.6419	-1.6073	-1.5643	-1.5198	-1.4848	-1.4714
	W	0.0	0.6499	1.2084	1.5948	1.7489	1.6388	1.2703	0.6935	0.0000
	A	8.0334	7.9989	7.8991	7.7455	7.5577	7.3629	7.1927	7.0768	7.0358
	RHO	6.0714	6.0621	6.0382	6.0095	5.9881	5.9825	5.9915	6.0050	6.0112
	P	2.3846	2.3606	2.2930	2.1942	2.0816	1.9738	1.8865	1.8303	1.8110
0.600	U	8.8868	9.0193	9.3980	9.9686	10.6473	11.3316	11.9153	12.3064	12.4440
	V	-1.9806	-1.9748	-1.9575	-1.9286	-1.8883	-1.8379	-1.7857	-1.7447	-1.7291
	W	0.0	0.6797	1.2638	1.6678	1.8283	1.7115	1.3252	0.7228	0.0000
	A	8.0262	7.9911	7.8898	7.7347	7.5462	7.3524	7.1845	7.0709	7.0308
	RHO	6.0443	6.0369	6.0179	5.9947	5.9768	5.9709	5.9763	5.9853	5.9895
	P	2.3697	2.3462	2.2799	2.1826	2.0714	1.9644	1.8774	1.8212	1.8019
0.700	U	8.8557	8.9890	9.3697	9.9429	10.6239	11.3096	11.8940	12.2853	12.4229
	V	-2.2621	-2.2556	-2.2363	-2.2036	-2.1577	-2.1007	-2.0415	-1.9952	-1.9775
	W	0.0	0.7060	1.3125	1.7314	1.8965	1.7738	1.3718	0.7475	0.0000
	A	8.0182	7.9826	7.8802	7.7238	7.5350	7.3421	7.1761	7.0644	7.0251
	RHO	6.0141	6.0085	5.9939	5.9759	5.9615	5.9555	5.9577	5.9629	5.9655
	P	2.3532	2.3302	2.2653	2.1697	2.0600	1.9539	1.8672	1.8111	1.7918
0.800	U	8.8221	8.9560	9.3383	9.9136	10.5967	11.2843	11.8699	12.2620	12.3998
	V	-2.5325	-2.5254	-2.5040	-2.4679	-2.4169	-2.3538	-2.2882	-2.2370	-2.2174
	W	0.0	0.7295	1.3558	1.7877	1.9566	1.8281	1.4121	0.7688	0.0000
	A	8.0095	7.9735	7.8700	7.7128	7.5238	7.3319	7.1677	7.0576	7.0189
	RHO	5.9813	5.9774	5.9671	5.9540	5.9427	5.9368	5.9363	5.9382	5.9394
	P	2.3353	2.3128	2.2493	2.1556	2.0474	1.9423	1.8561	1.8001	1.7808
0.900	U	8.7864	8.9207	9.3043	9.8814	10.5666	11.2562	11.8434	12.2368	12.3749
	V	-2.7928	-2.7851	-2.7618	-2.7224	-2.6667	-2.5978	-2.5264	-2.4709	-2.4497
	W	0.0	0.7506	1.3947	1.8379	2.0099	1.8757	1.4473	0.7872	0.0000
	A	8.0000	7.9637	7.8595	7.7015	7.5126	7.3216	7.1590	7.0504	7.0123
	RHO	5.9461	5.9438	5.9374	5.9290	5.9209	5.9152	5.9122	5.9113	5.9112
	P	2.3160	2.2942	2.2321	2.1403	2.0338	1.9298	1.8441	1.7883	1.7690
1.000	U	8.7488	8.8835	9.2681	9.8469	10.5341	11.2258	11.8150	12.2097	12.3485
	V	-3.0438	-3.0355	-3.0103	-2.9677	-2.9075	-2.8336	-2.7570	-2.6976	-2.6751
	W	0.0	0.7697	1.4297	1.8830	2.0574	1.9180	1.4783	0.8035	0.0000
	A	7.9899	7.9533	7.8485	7.6901	7.5013	7.3113	7.1501	7.0427	7.0051
	RHO	5.9087	5.9078	5.9054	5.9014	5.8964	5.8909	5.8860	5.8825	5.8812
	P	2.2957	2.2744	2.2139	2.1240	2.0193	1.9165	1.8314	1.7757	1.7564
THS/THC		1.1812	1.1798	1.1759	1.1696	1.1616	1.1529	1.1450	1.1394	1.1374

M=20.0, THC=50.0, ALPHA/THC=0.15, GAMMA=1.4, BETA*SIN(THC)=15.3017

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	U	7.9571	8.0377	8.2677	8.6148	9.0275	9.4415	9.7891	10.0165	10.0949
	V	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	-0.0000	-0.0000
	W	0.0	0.5280	0.9819	1.2947	1.4107	1.3000	0.9792	0.5184	0.0000
	A	8.2666	8.2477	8.1937	8.1130	8.0188	7.9268	7.8513	7.8026	7.7858
	RHO	6.1606	6.0933	5.8935	5.6092	5.2910	4.9941	4.7610	4.6151	4.5656
	P	2.5622	2.5213	2.4080	2.2470	2.0706	1.9098	1.7862	1.7100	1.6844
0.025	U	7.9569	8.1074	8.5485	9.2502	10.1662	11.2203	12.2473	12.9993	13.2735
	V	-0.0980	-0.0974	-0.0958	-0.0934	-0.0905	-0.0876	-0.0844	-0.0815	-0.0803
	W	0.0	0.5939	1.0909	1.4068	1.4857	1.3250	0.9817	0.5227	0.0000
	A	8.2665	8.2329	8.1328	7.9678	7.7390	7.4485	7.1278	6.8661	6.7647
	RHO	6.1603	6.1119	5.9823	5.8161	5.6813	5.6565	5.7768	5.9598	6.0476
	P	2.5620	2.5213	2.4082	2.2472	2.0709	1.9100	1.7862	1.7099	1.6843
0.050	U	7.9561	8.1162	8.5834	9.3198	10.2636	11.3170	12.3087	13.0174	13.2731
	V	-0.1944	-0.1933	-0.1901	-0.1852	-0.1795	-0.1737	-0.1676	-0.1622	-0.1599
	W	0.0	0.6324	1.1647	1.5108	1.6151	1.4710	1.1180	0.6067	0.0000
	A	8.2664	8.2303	8.1231	7.9475	7.7077	7.4131	7.1023	6.8577	6.7646
	RHO	6.1596	6.1151	5.9964	5.8462	5.7281	5.7109	5.8182	5.9737	6.0470
	P	2.5616	2.5210	2.4081	2.2474	2.0713	1.9100	1.7861	1.7098	1.6841
0.100	U	7.9530	8.1236	8.6189	9.3911	10.3611	11.4105	12.3664	13.0335	13.2716
	V	-0.3840	-0.3820	-0.3761	-0.3670	-0.3561	-0.3441	-0.3311	-0.3195	-0.3147
	W	0.0	0.6916	1.2784	1.6709	1.8102	1.6806	1.3019	0.7150	0.0000
	A	8.2656	8.2265	8.1109	7.9231	7.6715	7.3740	7.0748	6.8485	6.7641
	RHO	6.1569	6.1174	6.0125	5.8816	5.7823	5.7711	5.8619	5.9872	6.0448
	P	2.5600	2.5196	2.4073	2.2471	2.0713	1.9098	1.7857	1.7090	1.6832
0.200	U	7.9415	8.1233	8.6482	9.4563	10.4498	11.4928	12.4139	13.0432	13.2658
	V	-0.7495	-0.7459	-0.7360	-0.7232	-0.6997	-0.6747	-0.6460	-0.6205	-0.6101
	W	0.0	0.7813	1.4502	1.9103	2.0944	1.9716	1.5434	0.8513	0.0000
	A	8.2628	8.2200	8.0940	7.8919	7.6283	7.3292	7.0441	6.8376	6.7624
	RHO	6.1465	6.1139	6.0278	5.9218	5.8436	5.8368	5.9057	5.9964	6.0370
	P	2.5540	2.5142	2.4034	2.2447	2.0694	1.9082	1.7834	1.7062	1.6802
0.300	U	7.9236	8.1117	8.6531	9.4804	10.4858	11.5250	12.4294	13.0411	13.2567
	V	-1.0968	-1.0923	-1.0791	-1.0578	-1.0285	-0.9905	-0.9457	-0.9064	-0.8904
	W	0.0	0.8511	1.5831	2.0928	2.3052	2.1787	1.7077	0.9411	0.0000
	A	8.2585	8.2132	8.0803	7.8692	7.5985	7.3000	7.0243	6.8296	6.7597
	RHO	6.1303	6.1031	6.0314	5.9435	5.8792	5.8733	5.9264	5.9949	6.0252
	P	2.5446	2.5056	2.3966	2.2399	2.0659	1.9049	1.7796	1.7018	1.6755
0.400	U	7.9005	8.0927	8.6448	9.4845	10.4975	11.5351	12.4302	13.0328	13.2446
	V	-1.4277	-1.4219	-1.4060	-1.3798	-1.3424	-1.2919	-1.2318	-1.1792	-1.1581
	W	0.0	0.9095	1.6936	2.2429	2.4753	2.3409	1.8330	1.0083	0.0000
	A	8.2529	8.2056	8.0675	7.8500	7.5747	7.2773	7.0088	6.8226	6.7563
	RHO	6.1094	6.0868	6.0274	5.9545	5.9012	5.8952	5.9356	5.9874	6.0102
	P	2.5324	2.4943	2.3875	2.2331	2.0606	1.9001	1.7745	1.6962	1.6697
0.500	U	7.8728	8.0679	8.6275	9.4759	10.4945	11.5318	12.4223	13.0200	13.2299
	V	-1.7419	-1.7359	-1.7177	-1.6871	-1.6421	-1.5799	-1.5054	-1.4408	-1.4148
	W	0.0	0.9599	1.7886	2.3705	2.6179	2.4737	1.9335	1.0614	0.0000
	A	8.2460	8.1972	8.0550	7.8325	7.5541	7.2582	6.9955	6.8158	6.7523
	RHO	6.0843	6.0659	6.0175	5.9580	5.9141	5.9076	5.9371	5.9756	5.9923
	P	2.5179	2.4936	2.3762	2.2245	2.0539	1.8941	1.7683	1.6895	1.6628
0.600	U	7.8413	8.0386	8.6035	9.4583	10.4814	11.5196	12.4082	13.0037	13.2127
	V	-2.0423	-2.0355	-2.0153	-1.9806	-1.9285	-1.8554	-1.7677	-1.6920	-1.6619
	W	0.0	1.0344	1.8719	2.4813	2.7386	2.5855	2.0167	1.1049	0.0000
	A	8.2383	8.1881	8.0425	7.8162	7.5355	7.2412	6.9835	6.8091	6.7478
	RHO	6.0556	6.0411	6.0029	5.9556	5.9203	5.9129	5.9331	5.9602	5.9721
	P	2.5013	2.4650	2.3631	2.2143	2.0459	1.8869	1.7610	1.6818	1.6549
0.700	U	7.8067	8.0055	8.5743	9.4339	10.4609	11.5008	12.3896	12.9847	13.1936
	V	-2.3294	-2.3220	-2.2998	-2.2613	-2.2025	-2.1193	-2.0197	-1.9342	-1.9001
	W	0.0	1.0441	1.9460	2.5790	2.8444	2.6812	2.0869	1.1413	0.0000
	A	8.2296	8.1784	8.0300	7.8005	7.5184	7.2257	6.9723	6.8023	6.7427
	RHO	6.0238	6.0130	5.9841	5.9482	5.9202	5.9126	5.9246	5.9419	5.9497
	P	2.4929	2.4477	2.3484	2.2027	2.0367	1.8788	1.7528	1.6733	1.6462
0.800	U	7.7695	7.9693	8.5411	9.4044	10.4347	11.4771	12.3674	12.9633	13.1726
	V	-2.6044	-2.5964	-2.5722	-2.5300	-2.4649	-2.3725	-2.2622	-2.1679	-2.1305
	W	0.0	1.0799	2.0124	2.6659	2.9374	2.7643	2.1472	1.1723	0.0000
	A	8.2201	8.1690	8.0173	7.7853	7.5022	7.2112	6.9617	6.7953	6.7371
	RHO	5.9893	5.9818	5.9620	5.9367	5.9159	5.9077	5.9123	5.9212	5.9253
	P	2.4630	2.4289	2.3323	2.1899	2.0264	1.8697	1.7439	1.6640	1.6368
0.900	U	7.7302	7.9307	8.5045	9.3707	10.4042	11.4495	12.3422	12.9403	13.1498
	V	-2.8684	-2.8598	-2.8336	-2.7877	-2.7167	-2.6158	-2.4959	-2.3940	-2.3536
	W	0.0	1.1123	2.0724	2.7440	3.0201	2.8371	2.1994	1.1989	0.0000
	A	8.2100	8.1570	8.0044	7.7793	7.4867	7.1975	6.9513	6.7881	6.7312
	RHO	5.9524	5.9482	5.9367	5.9215	5.9075	5.8991	5.8970	5.8982	5.8990
	P	2.4418	2.4087	2.3149	2.1759	2.0152	1.8598	1.7342	1.6540	1.6266
1.000	U	7.6891	7.8931	8.4653	9.3338	10.3702	11.4188	12.3147	12.9149	13.1256
	V	-3.1223	-3.1133	-3.0849	-3.0354	-2.9587	-2.8501	-2.7217	-2.6131	-2.5703
	W	0.0	1.1420	2.1271	2.8145	3.0943	2.9016	2.2451	1.2221	0.0000
	A	8.1991	8.1456	7.9912	7.7556	7.4717	7.1843	6.9412	6.7836	6.7248
	RHO	5.9133	5.9121	5.9087	5.9031	5.8956	5.8879	5.8790	5.8732	5.8711
	P	2.4193	2.3874	2.2964	2.1609	2.0031	1.8493	1.7239	1.6434	1.6159
THS/THC		1.1978	1.1960	1.1905	1.1815	1.1693	1.1555	1.1424	1.1331	1.1297

M= 4.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 3.0726

XI	PHI	0.0
	U	1.5153
	V	0.0000
	W	0.0
-0.000	A	1.9341
	RHO	4.6366
	P	2.4604
	U	1.5150
	V	-0.0386
	W	0.0
0.025	A	1.9341
	RHO	4.6361
	P	2.4601
	U	1.5143
	V	-0.0756
	W	0.0
0.050	A	1.9340
	RHO	4.6348
	P	2.4591
	U	1.5117
	V	-0.1451
	W	0.0
0.100	A	1.9336
	RHO	4.6302
	P	2.4557
	U	1.5029
	V	-0.2688
	W	0.0
0.200	A	1.9323
	RHO	4.6151
	P	2.4444
	U	1.4907
	V	-0.3756
	W	0.0
0.300	A	1.9306
	RHO	4.5950
	P	2.4296
	U	1.4767
	V	-0.4687
	W	0.0
0.400	A	1.9287
	RHO	4.5723
	P	2.4128
	U	1.4616
	V	-0.5506
	W	0.0
0.500	A	1.9267
	RHO	4.5483
	P	2.3951
	U	1.4460
	V	-0.6233
	W	0.0
0.600	A	1.9246
	RHO	4.5237
	P	2.3770
	U	1.4304
	V	-0.6883
	W	0.0
0.700	A	1.9225
	RHO	4.4991
	P	2.3589
	U	1.4151
	V	-0.7467
	W	0.0
0.800	A	1.9204
	RHO	4.4748
	P	2.3411
	U	1.4000
	V	-0.7995
	W	0.0
0.900	A	1.9184
	RHO	4.4510
	P	2.3236
	U	1.3855
	V	-0.8475
	W	0.0
1.000	A	1.9164
	RHO	4.4277
	P	2.3067

THS/THC 1.3283

M= 5.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 3.8866

XI	PHI	0.0
	U	2.1794
	V	0.0000
	W	0.0
-0.000	A	2.2472
	RHO	5.0433
	P	2.3123
	U	2.1793
	V	-0.0356
	W	0.0
0.025	A	2.2472
	RHO	5.0430
	P	2.3121
	U	2.1789
	V	-0.0703
	W	0.0
0.050	A	2.2471
	RHO	5.0421
	P	2.3115
	U	2.1772
	V	-0.1368
	W	0.0
0.100	A	2.2468
	RHO	5.0387
	P	2.3093
	U	2.1715
	V	-0.2602
	W	0.0
0.200	A	2.2458
	RHO	5.0269
	P	2.3017
	U	2.1630
	V	-0.3721
	W	0.0
0.300	A	2.2442
	RHO	5.0100
	P	2.2909
	U	2.1525
	V	-0.4742
	W	0.0
0.400	A	2.2424
	RHO	4.9895
	P	2.2778
	U	2.1406
	V	-0.5679
	W	0.0
0.500	A	2.2403
	RHO	4.9665
	P	2.2631
	U	2.1276
	V	-0.6541
	W	0.0
0.600	A	2.2381
	RHO	4.9417
	P	2.2473
	U	2.1140
	V	-0.7339
	W	0.0
0.700	A	2.2357
	RHO	4.9156
	P	2.2307
	U	2.0999
	V	-0.8080
	W	0.0
0.800	A	2.2333
	RHO	4.8887
	P	2.2136
	U	2.0856
	V	-0.8771
	W	0.0
0.900	A	2.2307
	RHO	4.8611
	P	2.1962
	U	2.0711
	V	-0.9416
	W	0.0
1.000	A	2.2282
	RHO	4.8332
	P	2.1785
THS/THC		1.2482

M= 6.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.6935

XI	PHI	0.0
	U	2.7333
	V	-0.0000
	W	0.0
-0.000	A	2.5896
	RHO	5.3307
	P	2.2537
	U	2.7332
	V	-0.0376
	W	0.0
0.025	A	2.5895
	RHO	5.3305
	P	2.2536
	U	2.7328
	V	-0.0743
	W	0.0
0.050	A	2.5895
	RHO	5.3296
	P	2.2531
	U	2.7313
	V	-0.1454
	W	0.0
0.100	A	2.5892
	RHO	5.3266
	P	2.2513
	U	2.7260
	V	-0.2785
	W	0.0
0.200	A	2.5881
	RHO	5.3157
	P	2.2448
	U	2.7181
	V	-0.4012
	W	0.0
0.300	A	2.5865
	RHO	5.2997
	P	2.2354
	U	2.7081
	V	-0.5146
	W	0.0
0.400	A	2.5846
	RHO	5.2800
	P	2.2238
	U	2.6966
	V	-0.6199
	W	0.0
0.500	A	2.5824
	RHO	5.2575
	P	2.2105
	U	2.6839
	V	-0.7181
	W	0.0
0.600	A	2.5800
	RHO	5.2327
	P	2.1960
	U	2.6702
	V	-0.8099
	W	0.0
0.700	A	2.5774
	RHO	5.2063
	P	2.1805
	U	2.6559
	V	-0.8961
	W	0.0
0.800	A	2.5746
	RHO	5.1786
	P	2.1642
	U	2.6412
	V	-0.9771
	W	0.0
0.900	A	2.5717
	RHO	5.1499
	P	2.1474
	U	2.6261
	V	-1.0536
	W	0.0
1.000	A	2.5688
	RHO	5.1203
	P	2.1302

THS/THC 1.2199

M= 6.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 4.6935

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.6678	2.6696	2.6746	2.6821	2.6909	2.6997	2.7071	2.7121	2.7138
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0111	0.0206	0.0268	0.0290	0.0267	0.0204	0.0110	0.0000
0.0	A	2.6032	2.6028	2.6018	2.6002	2.5984	2.5966	2.5950	2.5940	2.5937
	RHO	5.3428	5.3390	5.3284	5.3125	5.2939	5.2754	5.2597	5.2494	5.2457
	P	2.2827	2.2804	2.2741	2.2646	2.2535	2.2424	2.2332	2.2270	2.2248
	U	2.6677	2.6725	2.6862	2.7069	2.7316	2.7565	2.7778	2.7922	2.7972
	V	-0.0379	-0.0379	-0.0378	-0.0377	-0.0376	-0.0375	-0.0374	-0.0373	-0.0373
	W	0.0	0.0145	0.0267	0.0349	0.0377	0.0347	0.0265	0.0143	0.0000
0.025	A	2.6032	2.6022	2.5993	2.5950	2.5898	2.5845	2.5800	2.5769	2.5758
	RHO	5.3425	5.3413	5.3381	5.3336	5.3287	5.3242	5.3209	5.3189	5.3182
	P	2.2825	2.2803	2.2739	2.2644	2.2533	2.2423	2.2330	2.2268	2.2247
	U	2.6673	2.6721	2.6859	2.7067	2.7314	2.7563	2.7776	2.7918	2.7969
	V	-0.0749	-0.0749	-0.0747	-0.0746	-0.0743	-0.0741	-0.0740	-0.0738	-0.0738
	W	0.0	0.0159	0.0293	0.0382	0.0414	0.0382	0.0292	0.0158	0.0000
0.050	A	2.6031	2.6021	2.5992	2.5949	2.5897	2.5844	2.5799	2.5768	2.5757
	RHO	5.3417	5.3405	5.3374	5.3330	5.3281	5.3237	5.3202	5.3181	5.3174
	P	2.2820	2.2798	2.2734	2.2639	2.2528	2.2418	2.2325	2.2264	2.2242
	U	2.6658	2.6707	2.6846	2.7054	2.7302	2.7551	2.7762	2.7904	2.7954
	V	-0.1465	-0.1464	-0.1462	-0.1458	-0.1454	-0.1450	-0.1447	-0.1444	-0.1443
	W	0.0	0.0177	0.0327	0.0427	0.0463	0.0428	0.0328	0.0177	0.0000
0.100	A	2.6028	2.6018	2.5989	2.5945	2.5893	2.5841	2.5796	2.5765	2.5754
	RHO	5.3386	5.3375	5.3344	5.3301	5.3253	5.3208	5.3174	5.3152	5.3144
	P	2.2801	2.2779	2.2716	2.2621	2.2510	2.2400	2.2308	2.2246	2.2224
	U	2.6603	2.6652	2.6792	2.7002	2.7251	2.7500	2.7711	2.7853	2.7903
	V	-0.2806	-0.2805	-0.2800	-0.2794	-0.2786	-0.2779	-0.2772	-0.2768	-0.2766
	W	0.0	0.0201	0.0372	0.0486	0.0527	0.0488	0.0374	0.0202	0.0000
0.200	A	2.6017	2.6007	2.5978	2.5934	2.5882	2.5829	2.5785	2.5755	2.5744
	RHO	5.3274	5.3264	5.3235	5.3194	5.3147	5.3103	5.3067	5.3045	5.3037
	P	2.2735	2.2713	2.2650	2.2556	2.2446	2.2336	2.2244	2.2183	2.2161
	U	2.6522	2.6571	2.6712	2.6923	2.7172	2.7422	2.7634	2.7776	2.7825
	V	-0.4040	-0.4038	-0.4032	-0.4024	-0.4013	-0.4002	-0.3993	-0.3987	-0.3985
	W	0.0	0.0217	0.0402	0.0526	0.0570	0.0528	0.0404	0.0219	0.0000
0.300	A	2.6001	2.5991	2.5962	2.5918	2.5866	2.5814	2.5769	2.5739	2.5729
	RHO	5.3112	5.3102	5.3075	5.3035	5.2989	5.2946	5.2911	5.2888	5.2880
	P	2.2638	2.2616	2.2554	2.2461	2.2352	2.2243	2.2152	2.2091	2.2070
	U	2.6420	2.6470	2.6611	2.6823	2.7073	2.7323	2.7536	2.7678	2.7728
	V	-0.5180	-0.5178	-0.5171	-0.5161	-0.5148	-0.5135	-0.5123	-0.5116	-0.5113
	W	0.0	0.0230	0.0425	0.0556	0.0603	0.0558	0.0427	0.0232	0.0000
0.400	A	2.5981	2.5971	2.5942	2.5898	2.5846	2.5794	2.5750	2.5720	2.5710
	RHO	5.2912	5.2902	5.2876	5.2838	5.2794	5.2752	5.2717	5.2694	5.2686
	P	2.2519	2.2497	2.2435	2.2344	2.2236	2.2129	2.2038	2.1978	2.1957
	U	2.6302	2.6352	2.6494	2.6707	2.6958	2.7209	2.7422	2.7565	2.7615
	V	-0.6238	-0.6236	-0.6228	-0.6216	-0.6202	-0.6187	-0.6174	-0.6165	-0.6162
	W	0.0	0.0240	0.0443	0.0580	0.0628	0.0581	0.0446	0.0241	0.0000
0.500	A	2.5959	2.5949	2.5919	2.5876	2.5824	2.5772	2.5728	2.5699	2.5688
	RHO	5.2682	5.2674	5.2649	5.2612	5.2570	5.2529	5.2494	5.2472	5.2464
	P	2.2382	2.2361	2.2300	2.2209	2.2103	2.1997	2.1908	2.1848	2.1827
	U	2.6172	2.6222	2.6365	2.6578	2.6830	2.7083	2.7297	2.7440	2.7490
	V	-0.7223	-0.7220	-0.7212	-0.7199	-0.7184	-0.7167	-0.7153	-0.7144	-0.7140
	W	0.0	0.0248	0.0458	0.0599	0.0649	0.0601	0.0460	0.0249	0.0000
0.600	A	2.5934	2.5924	2.5895	2.5851	2.5800	2.5748	2.5704	2.5675	2.5664
	RHO	5.2431	5.2423	5.2399	5.2364	5.2323	5.2284	5.2250	5.2229	5.2221
	P	2.2233	2.2212	2.2152	2.2063	2.1958	2.1853	2.1765	2.1706	2.1686
	U	2.6033	2.6083	2.6226	2.6441	2.6694	2.6947	2.7162	2.7306	2.7356
	V	-0.8143	-0.8140	-0.8132	-0.8118	-0.8102	-0.8085	-0.8070	-0.8060	-0.8056
	W	0.0	0.0254	0.0470	0.0615	0.0667	0.0617	0.0473	0.0256	0.0000
0.700	A	2.5907	2.5897	2.5868	2.5825	2.5773	2.5722	2.5678	2.5649	2.5639
	RHO	5.2163	5.2155	5.2133	5.2099	5.2060	5.2022	5.1990	5.1968	5.1961
	P	2.2074	2.2053	2.1994	2.1906	2.1803	2.1700	2.1613	2.1555	2.1534
	U	2.5887	2.5938	2.6082	2.6297	2.6551	2.6805	2.7021	2.7165	2.7216
	V	-0.9006	-0.9003	-0.8994	-0.8980	-0.8963	-0.8946	-0.8931	-0.8920	-0.8916
	W	0.0	0.0260	0.0481	0.0629	0.0682	0.0631	0.0483	0.0262	0.0000
0.800	A	2.5879	2.5869	2.5840	2.5797	2.5746	2.5695	2.5651	2.5622	2.5612
	RHO	5.1882	5.1875	5.1853	5.1822	5.1784	5.1747	5.1715	5.1695	5.1687
	P	2.1908	2.1887	2.1829	2.1743	2.1641	2.1539	2.1453	2.1396	2.1376
	U	2.5738	2.5788	2.5932	2.6148	2.6403	2.6659	2.6875	2.7020	2.7071
	V	-0.9816	-0.9813	-0.9805	-0.9791	-0.9774	-0.9756	-0.9741	-0.9730	-0.9726
	W	0.0	0.0265	0.0490	0.0641	0.0695	0.0642	0.0492	0.0267	0.0000
0.900	A	2.5850	2.5840	2.5811	2.5768	2.5717	2.5666	2.5623	2.5594	2.5583
	RHO	5.1592	5.1584	5.1564	5.1534	5.1498	5.1462	5.1431	5.1411	5.1404
	P	2.1736	2.1716	2.1659	2.1574	2.1473	2.1373	2.1288	2.1232	2.1212
	U	2.5585	2.5636	2.5780	2.5997	2.6253	2.6509	2.6726	2.6871	2.6922
	V	-1.0581	-1.0578	-1.0569	-1.0555	-1.0538	-1.0521	-1.0505	-1.0495	-1.0491
	W	0.0	0.0269	0.0498	0.0651	0.0706	0.0653	0.0500	0.0271	0.0000
1.000	A	2.5820	2.5810	2.5781	2.5738	2.5687	2.5637	2.5593	2.5564	2.5554
	RHO	5.1293	5.1286	5.1267	5.1238	5.1203	5.1168	5.1139	5.1119	5.1112
	P	2.1560	2.1540	2.1484	2.1400	2.1301	2.1202	2.1119	2.1063	2.1044
THS/THC		1.2235	1.2233	1.2225	1.2214	1.2200	1.2187	1.2175	1.2167	1.2165

M= 7.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.4965

XI		PHI 0.0
	U	3.2620
	V	0.0000
	W	0.0
-0.000	A	2.9448
	RHO	5.5298
	P	2.2212
	U	3.2619
	V	-0.0407
	W	0.0
0.025	A	2.9448
	RHO	5.5296
	P	2.2211
	U	3.2615
	V	-0.0806
	W	0.0
0.050	A	2.9447
	RHO	5.5288
	P	2.2207
	U	3.2601
	V	-0.1579
	W	0.0
0.100	A	2.9444
	RHO	5.5259
	P	2.2190
	U	3.2548
	V	-0.3037
	W	0.0
0.200	A	2.9433
	RHO	5.5154
	P	2.2132
	U	3.2468
	V	-0.4389
	W	0.0
0.300	A	2.9416
	RHO	5.5000
	P	2.2045
	U	3.2367
	V	-0.5649
	W	0.0
0.400	A	2.9396
	RHO	5.4806
	P	2.1937
	U	3.2249
	V	-0.6826
	W	0.0
0.500	A	2.9372
	RHO	5.4583
	P	2.1812
	U	3.2117
	V	-0.7930
	W	0.0
0.600	A	2.9345
	RHO	5.4336
	P	2.1674
	U	3.1975
	V	-0.8968
	W	0.0
0.700	A	2.9316
	RHO	5.4071
	P	2.1525
	U	3.1825
	V	-0.9947
	W	0.0
0.800	A	2.9286
	RHO	5.3790
	P	2.1369
	U	3.1669
	V	-1.0873
	W	0.0
0.900	A	2.9254
	RHO	5.3497
	P	2.1206
	U	3.1508
	V	-1.1751
	W	0.0
1.000	A	2.9220
	RHO	5.3193
	P	2.1038

THS/THC 1.2047

M= 7.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 5.4965

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.1876	3.1895	3.1950	3.2032	3.2128	3.2224	3.2306	3.2360	3.2379
	V	-0.0000	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0122	0.0225	0.0293	0.0317	0.0292	0.0223	0.0121	0.0000
0.0	A	2.9611	2.9606	2.9594	2.9577	2.9556	2.9535	2.9517	2.9505	2.9501
	RHO	5.5401	5.5361	5.5250	5.5084	5.4889	5.4695	5.4532	5.4423	5.4385
	P	2.2500	2.2478	2.2414	2.2320	2.2210	2.2100	2.2007	2.1946	2.1924
	U	3.1875	3.1929	3.2086	3.2322	3.2602	3.2886	3.3128	3.3291	3.3349
	V	-0.0410	-0.0410	-0.0409	-0.0408	-0.0407	-0.0406	-0.0405	-0.0404	-0.0404
	W	0.0	0.0161	0.0296	0.0387	0.0418	0.0385	0.0294	0.0159	0.0000
0.025	A	2.9610	2.9598	2.9564	2.9513	2.9451	2.9388	2.9334	2.9297	2.9284
	RHO	5.5398	5.5388	5.5359	5.5319	5.5277	5.5240	5.5212	5.5197	5.5191
	P	2.2490	2.2476	2.2413	2.2318	2.2208	2.2098	2.2006	2.1945	2.1923
	U	3.1871	3.1926	3.2083	3.2320	3.2601	3.2884	3.3126	3.3288	3.3345
	V	-0.0812	-0.0811	-0.0810	-0.0808	-0.0806	-0.0804	-0.0802	-0.0801	-0.0800
	W	0.0	0.0176	0.0326	0.0425	0.0460	0.0425	0.0325	0.0176	0.0000
0.050	A	2.9609	2.9598	2.9563	2.9511	2.9449	2.9387	2.9332	2.9296	2.9283
	RHO	5.5390	5.5380	5.5352	5.5313	5.5271	5.5234	5.5206	5.5189	5.5184
	P	2.2494	2.2472	2.2408	2.2314	2.2204	2.2094	2.2002	2.1940	2.1919
	U	3.1856	3.1911	3.2070	3.2307	3.2589	3.2872	3.3113	3.3274	3.3331
	V	-0.1590	-0.1590	-0.1587	-0.1584	-0.1579	-0.1575	-0.1571	-0.1569	-0.1568
	W	0.0	0.0198	0.0366	0.0478	0.0518	0.0478	0.0366	0.0198	0.0000
0.100	A	2.9606	2.9594	2.9560	2.9508	2.9446	2.9383	2.9329	2.9293	2.9280
	RHO	5.5361	5.5351	5.5324	5.5286	5.5245	5.5208	5.5179	5.5161	5.5155
	P	2.2477	2.2455	2.2392	2.2298	2.2188	2.2078	2.1986	2.1924	2.1903
	U	3.1802	3.1858	3.2017	3.2256	3.2538	3.2821	3.3062	3.3223	3.3280
	V	-0.3059	-0.3057	-0.3053	-0.3046	-0.3038	-0.3030	-0.3023	-0.3018	-0.3016
	W	0.0	0.0226	0.0418	0.0547	0.0593	0.0549	0.0420	0.0228	0.0000
0.200	A	2.9595	2.9583	2.9548	2.9496	2.9434	2.9371	2.9318	2.9282	2.9269
	RHO	5.5254	5.5245	5.5220	5.5184	5.5144	5.5107	5.5077	5.5058	5.5052
	P	2.2417	2.2395	2.2332	2.2239	2.2129	2.2020	2.1928	2.1867	2.1846
	U	3.1720	3.1776	3.1936	3.2176	3.2459	3.2743	3.2984	3.3145	3.3202
	V	-0.4420	-0.4418	-0.4412	-0.4402	-0.4391	-0.4379	-0.4369	-0.4362	-0.4360
	W	0.0	0.0246	0.0455	0.0595	0.0645	0.0596	0.0457	0.0248	0.0000
0.300	A	2.9578	2.9566	2.9531	2.9479	2.9417	2.9354	2.9301	2.9265	2.9253
	RHO	5.5097	5.5089	5.5065	5.5030	5.4991	5.4955	5.4925	5.4906	5.4900
	P	2.2328	2.2306	2.2244	2.2151	2.2042	2.1934	2.1843	2.1782	2.1761
	U	3.1616	3.1673	3.1833	3.2074	3.2358	3.2643	3.2885	3.3046	3.3103
	V	-0.5687	-0.5684	-0.5676	-0.5665	-0.5651	-0.5636	-0.5624	-0.5615	-0.5612
	W	0.0	0.0261	0.0482	0.0631	0.0684	0.0633	0.0485	0.0263	0.0000
0.400	A	2.9557	2.9545	2.9510	2.9458	2.9396	2.9334	2.9281	2.9245	2.9233
	RHO	5.4901	5.4893	5.4870	5.4837	5.4800	5.4764	5.4735	5.4716	5.4710
	P	2.2216	2.2195	2.2133	2.2042	2.1934	2.1827	2.1737	2.1677	2.1656
	U	3.1495	3.1552	3.1713	3.1955	3.2240	3.2526	3.2768	3.2930	3.2987
	V	-0.6870	-0.6867	-0.6858	-0.6845	-0.6828	-0.6812	-0.6797	-0.6787	-0.6784
	W	0.0	0.0273	0.0504	0.0659	0.0715	0.0661	0.0507	0.0275	0.0000
0.500	A	2.9533	2.9520	2.9486	2.9433	2.9372	2.9310	2.9257	2.9221	2.9209
	RHO	5.4675	5.4667	5.4645	5.4614	5.4578	5.4543	5.4515	5.4497	5.4490
	P	2.2088	2.2067	2.2006	2.1916	2.1810	2.1704	2.1614	2.1555	2.1534
	U	3.1361	3.1418	3.1580	3.1822	3.2109	3.2395	3.2638	3.2801	3.2858
	V	-0.7978	-0.7975	-0.7965	-0.7950	-0.7932	-0.7914	-0.7898	-0.7887	-0.7883
	W	0.0	0.0282	0.0522	0.0683	0.0741	0.0685	0.0525	0.0284	0.0000
0.600	A	2.9506	2.9493	2.9459	2.9406	2.9345	2.9283	2.9230	2.9195	2.9183
	RHO	5.4424	5.4417	5.4397	5.4367	5.4333	5.4299	5.4271	5.4253	5.4247
	P	2.1947	2.1926	2.1866	2.1777	2.1672	2.1567	2.1479	2.1420	2.1400
	U	3.1216	3.1273	3.1436	3.1679	3.1967	3.2254	3.2498	3.2661	3.2719
	V	-0.9019	-0.9016	-0.9006	-0.8990	-0.8971	-0.8951	-0.8934	-0.8922	-0.8918
	W	0.0	0.0291	0.0538	0.0703	0.0762	0.0705	0.0540	0.0293	0.0000
0.700	A	2.9476	2.9464	2.9429	2.9377	2.9316	2.9254	2.9202	2.9167	2.9155
	RHO	5.4154	5.4148	5.4129	5.4101	5.4068	5.4036	5.4009	5.3991	5.3985
	P	2.1795	2.1774	2.1715	2.1627	2.1524	2.1421	2.1333	2.1276	2.1255
	U	3.1063	3.1120	3.1284	3.1528	3.1816	3.2105	3.2350	3.2514	3.2571
	V	-1.0001	-0.9997	-0.9986	-0.9970	-0.9950	-0.9929	-0.9911	-0.9899	-0.9894
	W	0.0	0.0298	0.0551	0.0720	0.0781	0.0722	0.0553	0.0300	0.0000
0.800	A	2.9445	2.9433	2.9398	2.9346	2.9285	2.9224	2.9172	2.9137	2.9125
	RHO	5.3870	5.3863	5.3846	5.3819	5.3788	5.3757	5.3731	5.3714	5.3708
	P	2.1634	2.1614	2.1556	2.1469	2.1368	2.1266	2.1180	2.1122	2.1102
	U	3.0904	3.0962	3.1126	3.1371	3.1660	3.1950	3.2196	3.2360	3.2418
	V	-1.0928	-1.0924	-1.0913	-1.0896	-1.0876	-1.0855	-1.0836	-1.0823	-1.0818
	W	0.0	0.0304	0.0562	0.0735	0.0797	0.0737	0.0565	0.0306	0.0000
0.900	A	2.9413	2.9401	2.9366	2.9314	2.9253	2.9192	2.9140	2.9105	2.9093
	RHO	5.3573	5.3567	5.3550	5.3525	5.3495	5.3466	5.3441	5.3424	5.3418
	P	2.1468	2.1448	2.1391	2.1305	2.1205	2.1104	2.1020	2.0963	2.0943
	U	3.0742	3.0799	3.0963	3.1209	3.1500	3.1790	3.2037	3.2202	3.2260
	V	-1.1807	-1.1803	-1.1792	-1.1775	-1.1754	-1.1732	-1.1713	-1.1700	-1.1695
	W	0.0	0.0309	0.0572	0.0748	0.0811	0.0750	0.0574	0.0311	0.0000
1.000	A	2.9379	2.9367	2.9332	2.9281	2.9220	2.9159	2.9107	2.9073	2.9060
	RHO	5.3266	5.3260	5.3245	5.3221	5.3193	5.3164	5.3140	5.3124	5.3118
	P	2.1296	2.1276	2.1220	2.1136	2.1037	2.0938	2.0854	2.0798	2.0779
THS/THC		1.2081	1.2078	1.2071	1.2061	1.2049	1.2036	1.2025	1.2018	1.2016

M= 7.0, THC=52.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 5.4965

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	2.8738	2.8845	2.9149	2.9603	3.0135	3.0663	3.1106	3.1400	3.1502
	V	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0676	0.1247	0.1623	0.1745	0.1558	0.1211	0.0650	0.0000
0.0	A	3.0246	3.0224	3.0162	3.0070	2.9963	2.9857	2.9769	2.9711	2.9691
	RHO	5.5797	5.5595	5.5027	5.4193	5.3233	5.2301	5.1533	5.1031	5.0857
	P	2.3644	2.3524	2.3189	2.2658	2.2137	2.1656	2.1254	2.0866	2.0766
	U	2.8737	2.8987	2.9710	3.0827	3.2203	3.3651	3.4936	3.5825	3.6143
	V	-0.0425	-0.0424	-0.0420	-0.0416	-0.0410	-0.0404	-0.0399	-0.0395	-0.0394
	W	0.0	0.0826	0.1518	0.1967	0.2106	0.1923	0.1457	0.0783	0.0000
0.025	A	3.0246	3.0196	3.0049	2.9818	2.9524	2.9202	2.8904	2.8691	2.8613
	RHO	5.5794	5.5696	5.5438	5.5109	5.4825	5.4671	5.4660	5.4721	5.4756
	P	2.3642	2.3523	2.3187	2.2697	2.2136	2.1555	2.1152	2.0865	2.0765
	U	2.8733	2.8990	2.9731	3.0869	3.2257	3.3656	3.4964	3.5831	3.6140
	V	-0.0839	-0.0837	-0.0831	-0.0822	-0.0811	-0.0800	-0.0790	-0.0783	-0.0781
	W	0.0	0.0894	0.1649	0.2146	0.2313	0.2128	0.1624	0.0876	0.0000
0.050	A	3.0245	3.0193	3.0042	2.9806	2.9508	2.9187	2.8894	2.8687	2.8612
	RHO	5.5785	5.5695	5.5455	5.5148	5.4877	5.4721	5.4689	5.4725	5.4749
	P	2.3637	2.3518	2.3183	2.2693	2.2133	2.1592	2.1149	2.0861	2.0761
	U	2.8716	2.8980	2.9741	3.0859	3.2298	3.3734	3.4980	3.5827	3.6127
	V	-0.1644	-0.1640	-0.1629	-0.1611	-0.1590	-0.1569	-0.1549	-0.1535	-0.1530
	W	0.0	0.0991	0.1831	0.2395	0.2597	0.2405	0.1846	0.1001	0.0000
0.100	A	3.0241	3.0188	3.0032	2.9789	2.9488	2.9168	2.8881	2.8681	2.8609
	RHO	5.5754	5.5672	5.5453	5.5171	5.4916	5.4756	5.4701	5.4710	5.4722
	P	2.3618	2.3500	2.3166	2.2678	2.2118	2.1578	2.1135	2.0847	2.0747
	U	2.8654	2.8926	2.9706	3.0885	3.2296	3.3728	3.4958	3.5788	3.6081
	V	-0.3158	-0.3151	-0.3131	-0.3100	-0.3061	-0.3019	-0.2980	-0.2951	-0.2941
	W	0.0	0.1123	0.2080	0.2731	0.2973	0.2765	0.2130	0.1158	0.0000
0.200	A	3.0229	3.0173	3.0012	2.9763	2.9458	2.9140	2.8860	2.8668	2.8599
	RHO	5.5640	5.5568	5.5378	5.5128	5.4893	5.4727	5.4647	5.4625	5.4624
	P	2.3551	2.3434	2.3104	2.2620	2.2064	2.1526	2.1083	2.0795	2.0695
	U	2.8563	2.8839	2.9629	3.0820	3.2239	3.3672	3.4897	3.5720	3.6009
	V	-0.4557	-0.4548	-0.4521	-0.4480	-0.4426	-0.4365	-0.4308	-0.4267	-0.4251
	W	0.0	0.1216	0.2255	0.2963	0.3231	0.3008	0.2319	0.1261	0.0000
0.300	A	3.0211	3.0154	2.9989	2.9736	2.9430	2.9114	2.8838	2.8651	2.8584
	RHO	5.5471	5.5408	5.5238	5.5012	5.4791	5.4625	5.4530	5.4490	5.4481
	P	2.3451	2.3336	2.3011	2.2532	2.1982	2.1447	2.1006	2.0719	2.0619
	U	2.8447	2.8727	2.9524	3.0724	3.2150	3.3585	3.4809	3.5630	3.5918
	V	-0.5852	-0.5842	-0.5811	-0.5761	-0.5695	-0.5620	-0.5548	-0.5494	-0.5475
	W	0.0	0.1288	0.2390	0.3142	0.3427	0.3192	0.2460	0.1338	0.0000
0.400	A	3.0188	3.0130	2.9963	2.9708	2.9401	2.9067	2.8815	2.8631	2.8565
	RHO	5.5261	5.5205	5.5053	5.4847	5.4640	5.4475	5.4369	5.4317	5.4302
	P	2.3327	2.3214	2.2894	2.2423	2.1879	2.1349	2.0910	2.0624	2.0524
	U	2.8314	2.8595	2.9399	3.0606	3.2038	3.3477	3.4702	3.5523	3.5812
	V	-0.7057	-0.7045	-0.7011	-0.6955	-0.6880	-0.6793	-0.6718	-0.6645	-0.6622
	W	0.0	0.1347	0.2499	0.3286	0.3584	0.3337	0.2571	0.1398	0.0000
0.500	A	3.0161	3.0103	2.9934	2.9679	2.9372	2.9059	2.8789	2.8608	2.8543
	RHO	5.5020	5.4970	5.4834	5.4646	5.4452	5.4289	5.4176	5.4115	5.4095
	P	2.3184	2.3073	2.2759	2.2296	2.1759	2.1234	2.0799	2.0514	2.0415
	U	2.8167	2.8450	2.9258	3.0471	3.1909	3.3353	3.4581	3.5403	3.5692
	V	-0.8180	-0.8168	-0.8132	-0.8072	-0.7989	-0.7893	-0.7798	-0.7728	-0.7701
	W	0.0	0.1396	0.2591	0.3406	0.3714	0.3457	0.2662	0.1447	0.0000
0.600	A	3.0132	3.0073	2.9904	2.9647	2.9340	2.9029	2.8762	2.8583	2.8519
	RHO	5.4754	5.4710	5.4588	5.4417	5.4235	5.4075	5.3958	5.3889	5.3866
	P	2.3028	2.2919	2.2611	2.2155	2.1626	2.1107	2.0676	2.0393	2.0294
	U	2.8009	2.8294	2.9105	3.0324	3.1767	3.3216	3.4448	3.5272	3.5562
	V	-0.9232	-0.9219	-0.9182	-0.9119	-0.9031	-0.8927	-0.8825	-0.8748	-0.8720
	W	0.0	0.1438	0.2668	0.3507	0.3823	0.3557	0.2738	0.1487	0.0000
0.700	A	3.0101	3.0041	2.9871	2.9614	2.9308	2.8998	2.8733	2.8556	2.8493
	RHO	5.4469	5.4430	5.4322	5.4167	5.3996	5.3840	5.3719	5.3644	5.3619
	P	2.2860	2.2754	2.2452	2.2004	2.1483	2.0970	2.0543	2.0262	2.0164
	U	2.7844	2.8130	2.8945	3.0168	3.1617	3.3070	3.4306	3.5134	3.5424
	V	-1.0218	-1.0206	-1.0168	-1.0103	-1.0013	-0.9904	-0.9795	-0.9714	-0.9683
	W	0.0	0.1475	0.2735	0.3594	0.3916	0.3642	0.2802	0.1522	0.0000
0.800	A	3.0068	3.0008	2.9837	2.9580	2.9274	2.8966	2.8703	2.8527	2.8465
	RHO	5.4170	5.4136	5.4040	5.3899	5.3739	5.3567	5.3464	5.3385	5.3357
	P	2.2685	2.2580	2.2285	2.1845	2.1332	2.0825	2.0402	2.0123	2.0026
	U	2.7674	2.7960	2.8778	3.0005	3.1459	3.2918	3.4158	3.4988	3.5280
	V	-1.1147	-1.1135	-1.1097	-1.1032	-1.0939	-1.0827	-1.0714	-1.0629	-1.0598
	W	0.0	0.1507	0.2794	0.3670	0.3997	0.3715	0.2857	0.1551	0.0000
0.900	A	3.0033	2.9973	2.9802	2.9545	2.9239	2.8932	2.8672	2.8497	2.8436
	RHO	5.3860	5.3830	5.3745	5.3618	5.3468	5.3320	5.3195	5.3112	5.3083
	P	2.2503	2.2401	2.2111	2.1679	2.1174	2.0674	2.0256	1.9979	1.9882
	U	2.7500	2.7788	2.8607	2.9838	3.1296	3.2760	3.4005	3.4838	3.5131
	V	-1.2023	-1.2011	-1.1975	-1.1910	-1.1816	-1.1702	-1.1587	-1.1500	-1.1467
	W	0.0	0.1535	0.2845	0.3736	0.4067	0.3779	0.2905	0.1576	0.0000
1.000	A	2.9997	2.9937	2.9766	2.9509	2.9204	2.8858	2.8639	2.8466	2.8405
	RHO	5.3540	5.3514	5.3440	5.3325	5.3185	5.3041	5.2915	5.2829	5.2799
	P	2.2316	2.2216	2.1932	2.1509	2.1011	2.0518	2.0103	1.9829	1.9733
THS/THC		1.2237	1.2225	1.2192	1.2141	1.2079	1.2014	1.1957	1.1919	1.1905

M= 8.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 6.2570

XI	PHI	0.0
	U	3.7790
	V	0.0000
	W	C.0
-0.000	A	3.3081
	RHO	5.67C9
	P	2.2010
	U	3.7789
	V	-C.0443
	W	0.0
0.C25	A	3.3081
	RHC	5.67C7
	P	2.2008
	U	3.7785
	V	-0.C878
	W	0.0
0.050	A	3.3080
	RHO	5.6699
	P	2.2004
	U	3.7770
	V	-C.1723
	W	0.0
0.100	A	3.3077
	RHO	5.6671
	P	2.1989
	U	3.7716
	V	-0.3321
	W	C.0
0.200	A	3.3065
	RHO	5.6569
	P	2.1933
	U	3.7633
	V	-C.4810
	W	C.0
C.300	A	3.3047
	RHO	5.6418
	P	2.1851
	U	3.7527
	V	-C.62C2
	W	0.0
C.4CC	A	3.3025
	RHO	5.6227
	P	2.1748
	U	3.7403
	V	-C.75C9
	W	0.0
0.5C0	A	3.2999
	RHO	5.60C5
	P	2.1628
	U	3.7264
	V	-0.8738
	W	C.0
C.6CC	A	3.2970
	RHO	5.5759
	P	2.1495
	U	3.7113
	V	-C.9858
	W	C.0
C.700	A	3.2938
	RHO	5.5492
	P	2.1351
	U	3.6953
	V	-1.0996
	W	C.0
0.8CC	A	3.29C4
	RHO	5.52C9
	P	2.1199
	U	3.6787
	V	-1.2037
	W	0.0
0.900	A	3.2869
	RHO	5.4912
	P	2.1039
	U	3.6614
	V	-1.3026
	W	0.0
1.000	A	3.2832
	RHO	5.46C4
	P	2.0874

THS/THC 1.1955

M= 8.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 6.2970

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.6952	3.6973	3.7034	3.7123	3.7229	3.7335	3.7424	3.7483	3.7504
	V	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0134	0.0247	0.0322	0.0348	0.0320	0.0245	0.0132	0.0000
0.0	A	3.3270	3.3265	3.3252	3.3232	3.3208	3.3184	3.3164	3.3151	3.3146
	RHO	5.6798	5.6757	5.6642	5.6471	5.6270	5.6070	5.5901	5.5785	5.5749
	P	2.2296	2.2274	2.2211	2.2117	2.2007	2.1897	2.1805	2.1744	2.1722
	U	3.6951	3.7013	3.7189	3.7455	3.7771	3.8091	3.8364	3.8547	3.8612
	V	-0.0447	-0.0446	-0.0446	-0.0445	-0.0443	-0.0442	-0.0441	-0.0440	-0.0440
	W	0.0	0.0178	0.0328	0.0428	0.0462	0.0426	0.0325	0.0176	0.0000
0.025	A	3.3270	3.3256	3.3216	3.3156	3.3084	3.3011	3.2948	3.2906	3.2890
	RHO	5.6795	5.6786	5.6760	5.6724	5.6687	5.6656	5.6633	5.6621	5.6617
	P	2.2295	2.2273	2.2209	2.2115	2.2005	2.1896	2.1804	2.1742	2.1721
	U	3.6947	3.7009	3.7186	3.7453	3.7770	3.8089	3.8361	3.8544	3.8608
	V	-0.0884	-0.0884	-0.0882	-0.0880	-0.0878	-0.0876	-0.0874	-0.0872	-0.0872
	W	0.0	0.0196	0.0362	0.0472	0.0511	0.0472	0.0361	0.0195	0.0000
0.050	A	3.3269	3.3255	3.3215	3.3155	3.3083	3.3010	3.2947	3.2905	3.2890
	RHO	5.6788	5.6779	5.6754	5.6719	5.6683	5.6651	5.6627	5.6614	5.6610
	P	2.2291	2.2268	2.2205	2.2111	2.2001	2.1892	2.1800	2.1738	2.1717
	U	3.6932	3.6994	3.7173	3.7440	3.7758	3.8076	3.8348	3.8530	3.8594
	V	-0.1735	-0.1734	-0.1732	-0.1728	-0.1723	-0.1719	-0.1715	-0.1712	-0.1711
	W	0.0	0.0220	0.0407	0.0532	0.0576	0.0533	0.0408	0.0221	0.0000
0.100	A	3.3266	3.3252	3.3212	3.3151	3.3079	3.3006	3.2943	3.2901	3.2886
	RHO	5.6759	5.6751	5.6727	5.6693	5.6657	5.6625	5.6601	5.6587	5.6582
	P	2.2275	2.2253	2.2190	2.2096	2.1986	2.1877	2.1785	2.1723	2.1702
	U	3.6876	3.6939	3.7118	3.7387	3.7705	3.8024	3.8295	3.8477	3.8541
	V	-0.3345	-0.3343	-0.3338	-0.3331	-0.3322	-0.3313	-0.3305	-0.3300	-0.3298
	W	0.0	0.0253	0.0468	0.0612	0.0663	0.0614	0.0470	0.0255	0.0000
0.200	A	3.3253	3.3239	3.3199	3.3138	3.3066	3.2993	3.2931	3.2889	3.2875
	RHO	5.6656	5.6648	5.6625	5.6593	5.6559	5.6527	5.6502	5.6486	5.6481
	P	2.2218	2.2196	2.2134	2.2040	2.1931	2.1822	2.1730	2.1669	2.1648
	U	3.6791	3.6854	3.7034	3.7304	3.7623	3.7942	3.8214	3.8396	3.8460
	V	-0.4844	-0.4841	-0.4834	-0.4824	-0.4811	-0.4799	-0.4788	-0.4780	-0.4777
	W	0.0	0.0276	0.0510	0.0667	0.0723	0.0669	0.0513	0.0278	0.0000
0.300	A	3.3235	3.3221	3.3181	3.3120	3.3048	3.2975	3.2913	3.2872	3.2857
	RHO	5.6502	5.6494	5.6473	5.6443	5.6409	5.6378	5.6353	5.6337	5.6332
	P	2.2134	2.2112	2.2050	2.1957	2.1849	2.1741	2.1650	2.1585	2.1568
	U	3.6683	3.6746	3.6927	3.7198	3.7518	3.7839	3.8111	3.8293	3.8357
	V	-0.6244	-0.6241	-0.6233	-0.6220	-0.6204	-0.6188	-0.6174	-0.6165	-0.6161
	W	0.0	0.0293	0.0542	0.0709	0.0768	0.0711	0.0545	0.0295	0.0000
0.400	A	3.3213	3.3198	3.3158	3.3097	3.3025	3.2953	3.2891	3.2850	3.2835
	RHO	5.6308	5.6301	5.6281	5.6252	5.6220	5.6190	5.6165	5.6149	5.6144
	P	2.2028	2.2006	2.1945	2.1853	2.1746	2.1639	2.1548	2.1488	2.1467
	U	3.6556	3.6619	3.6801	3.7073	3.7394	3.7716	3.7989	3.8171	3.8235
	V	-0.7558	-0.7554	-0.7544	-0.7529	-0.7511	-0.7492	-0.7476	-0.7465	-0.7461
	W	0.0	0.0307	0.0568	0.0743	0.0805	0.0745	0.0571	0.0309	0.0000
0.500	A	3.3186	3.3172	3.3131	3.3071	3.2999	3.2927	3.2865	3.2824	3.2810
	RHO	5.6083	5.6077	5.6058	5.6031	5.6000	5.5970	5.5946	5.5931	5.5926
	P	2.1905	2.1883	2.1823	2.1732	2.1626	2.1520	2.1431	2.1371	2.1350
	U	3.6414	3.6478	3.6660	3.6933	3.7255	3.7578	3.7852	3.8035	3.8099
	V	-0.8792	-0.8789	-0.8778	-0.8761	-0.8740	-0.8719	-0.8701	-0.8689	-0.8684
	W	0.0	0.0319	0.0589	0.0771	0.0835	0.0773	0.0592	0.0321	0.0000
0.600	A	3.3156	3.3142	3.3102	3.3041	3.2969	3.2898	3.2836	3.2796	3.2781
	RHO	5.5833	5.5827	5.5810	5.5784	5.5755	5.5726	5.5703	5.5688	5.5683
	P	2.1768	2.1747	2.1687	2.1598	2.1493	2.1388	2.1300	2.1241	2.1221
	U	3.6260	3.6324	3.6507	3.6781	3.7105	3.7429	3.7703	3.7887	3.7951
	V	-0.9957	-0.9953	-0.9941	-0.9923	-0.9901	-0.9878	-0.9858	-0.9845	-0.9840
	W	0.0	0.0328	0.0607	0.0794	0.0861	0.0796	0.0610	0.0331	0.0000
0.700	A	3.3124	3.3110	3.3070	3.3009	3.2938	3.2866	3.2805	3.2765	3.2750
	RHO	5.5563	5.5557	5.5541	5.5517	5.5489	5.5462	5.5440	5.5425	5.5420
	P	2.1621	2.1600	2.1541	2.1453	2.1349	2.1246	2.1159	2.1101	2.1081
	U	3.6097	3.6162	3.6345	3.6620	3.6945	3.7270	3.7545	3.7729	3.7794
	V	-1.1057	-1.1053	-1.1041	-1.1021	-1.0998	-1.0974	-1.0953	-1.0939	-1.0934
	W	0.0	0.0337	0.0623	0.0815	0.0883	0.0817	0.0626	0.0339	0.0000
0.800	A	3.3090	3.3076	3.3036	3.2975	3.2904	3.2832	3.2772	3.2731	3.2717
	RHO	5.5276	5.5271	5.5256	5.5233	5.5207	5.5181	5.5160	5.5145	5.5140
	P	2.1464	2.1444	2.1386	2.1299	2.1197	2.1095	2.1009	2.0952	2.0932
	U	3.5927	3.5992	3.6176	3.6452	3.6778	3.7104	3.7380	3.7565	3.7630
	V	-1.2101	-1.2096	-1.2083	-1.2063	-1.2039	-1.2014	-1.1992	-1.1977	-1.1972
	W	0.0	0.0344	0.0636	0.0832	0.0902	0.0834	0.0639	0.0346	0.0000
0.900	A	3.3054	3.3040	3.3000	3.2939	3.2868	3.2797	3.2737	3.2696	3.2682
	RHO	5.4976	5.4971	5.4957	5.4936	5.4911	5.4887	5.4866	5.4852	5.4847
	P	2.1301	2.1281	2.1224	2.1139	2.1038	2.0938	2.0853	2.0796	2.0776
	U	3.5752	3.5817	3.6002	3.6279	3.6605	3.6932	3.7210	3.7395	3.7460
	V	-1.3092	-1.3088	-1.3074	-1.3054	-1.3029	-1.3003	-1.2981	-1.2966	-1.2960
	W	0.0	0.0351	0.0648	0.0848	0.0919	0.0850	0.0651	0.0352	0.0000
1.000	A	3.3016	3.3002	3.2962	3.2902	3.2831	3.2760	3.2700	3.2660	3.2646
	RHO	5.4664	5.4659	5.4646	5.4627	5.4603	5.4580	5.4560	5.4547	5.4542
	P	2.1132	2.1112	2.1056	2.0972	2.0873	2.0774	2.0690	2.0634	2.0615
THS/THC		1.1987	1.1984	1.1978	1.1968	1.1956	1.1944	1.1934	1.1927	1.1925

M= 8.0, THC=52.5, ALPHA/TH=0.05, GAMMA=1.4, BETA*SIN(THC)= 6.2970

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	3.3435	3.3552	3.3885	3.4382	3.4966	3.5545	3.6031	3.6353	3.6466
	V	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0741	0.1366	0.1779	0.1913	0.1753	0.1329	0.0714	0.0000
0.0	A	3.4006	3.3981	3.3911	3.3807	3.3686	3.3566	3.3466	3.3400	3.3377
	RHO	5.7141	5.6934	5.6349	5.5490	5.4501	5.3540	5.2748	5.2230	5.2050
	P	2.3434	2.3315	2.2981	2.2492	2.1933	2.1393	2.0951	2.0664	2.0564
	U	3.3434	3.3716	3.4531	3.5791	3.7342	3.8571	4.0416	4.1415	4.1772
	V	-0.0462	-0.0461	-0.0457	-0.0452	-0.0446	-0.0440	-0.0434	-0.0430	-0.0429
	W	0.0	0.0913	0.1678	0.2175	0.2328	0.2126	0.1611	0.0866	0.0000
0.025	A	3.4006	3.3948	3.3777	3.3508	3.3166	3.2792	3.2446	3.2199	3.2109
	RHO	5.7138	5.7043	5.6794	5.6482	5.6221	5.6056	5.6114	5.6197	5.6240
	P	2.3433	2.3314	2.2980	2.2491	2.1932	2.1392	2.0950	2.0663	2.0563
	U	3.3429	3.3719	3.4555	3.5837	3.7401	3.9023	4.0446	4.1422	4.1769
	V	-0.0913	-0.0911	-0.0905	-0.0895	-0.0883	-0.0871	-0.0861	-0.0853	-0.0851
	W	0.0	0.0992	0.1828	0.2380	0.2565	0.2360	0.1801	0.0973	0.0000
0.050	A	3.4005	3.3945	3.3769	3.3494	3.3148	3.2775	3.2435	3.2195	3.2108
	RHO	5.7130	5.7043	5.6812	5.6522	5.6275	5.6147	5.6144	5.6201	5.6233
	P	2.3428	2.3309	2.2976	2.2487	2.1929	2.1389	2.0947	2.0659	2.0559
	U	3.3412	3.3710	3.4567	3.5871	3.7447	3.9063	4.0465	4.1418	4.1756
	V	-0.1791	-0.1787	-0.1775	-0.1756	-0.1734	-0.1710	-0.1689	-0.1674	-0.1668
	W	0.0	0.1103	0.2038	0.2666	0.2890	0.2676	0.2054	0.1114	0.0000
0.100	A	3.4001	3.3939	3.3757	3.3476	3.3125	3.2754	3.2421	3.2188	3.2105
	RHO	5.7100	5.7021	5.6812	5.6548	5.6317	5.6185	5.6158	5.6187	5.6207
	P	2.3411	2.3292	2.2960	2.2473	2.1915	2.1376	2.0934	2.0646	2.0546
	U	3.3349	3.3655	3.4533	3.5860	3.7448	3.9060	4.0445	4.1378	4.1707
	V	-0.3451	-0.3443	-0.3422	-0.3388	-0.3345	-0.3299	-0.3256	-0.3225	-0.3214
	W	0.0	0.1255	0.2326	0.3052	0.3323	0.3090	0.2379	0.1293	0.0000
0.200	A	3.3988	3.3923	3.3735	3.3446	3.3092	3.2723	3.2397	3.2174	3.2094
	RHO	5.6989	5.6921	5.6742	5.6510	5.6299	5.6162	5.6108	5.6106	5.6111
	P	2.3347	2.3230	2.2901	2.2418	2.1864	2.1327	2.0885	2.0597	2.0497
	U	3.3254	3.3565	3.4454	3.5795	3.7392	3.9004	4.0382	4.1308	4.1634
	V	-0.4991	-0.4981	-0.4952	-0.4906	-0.4847	-0.4786	-0.4717	-0.4672	-0.4655
	W	0.0	0.1363	0.2528	0.3322	0.3621	0.3371	0.2598	0.1413	0.0000
0.300	A	3.3968	3.3902	3.3710	3.3417	3.3061	3.2694	3.2374	3.2155	3.2078
	RHO	5.6824	5.6765	5.6607	5.6399	5.6203	5.6064	5.5994	5.5973	5.5970
	P	2.3253	2.3138	2.2813	2.2336	2.1786	2.1252	2.0812	2.0525	2.0425
	U	3.3134	3.3448	3.4346	3.5696	3.7300	3.8915	4.0291	4.1214	4.1539
	V	-0.6425	-0.6413	-0.6379	-0.6323	-0.6249	-0.6166	-0.6086	-0.6027	-0.6005
	W	0.0	0.1448	0.2686	0.3530	0.3850	0.3585	0.2762	0.1502	0.0000
0.400	A	3.3944	3.3876	3.3682	3.3387	3.3030	3.2664	3.2348	3.2133	3.2058
	RHO	5.6618	5.6566	5.6425	5.6238	5.6055	5.5917	5.5836	5.5801	5.5793
	P	2.3135	2.3022	2.2702	2.2231	2.1688	2.1158	2.0720	2.0434	2.0334
	U	3.2994	3.3310	3.4214	3.5573	3.7183	3.8802	4.0180	4.1103	4.1427
	V	-0.7764	-0.7751	-0.7713	-0.7649	-0.7564	-0.7466	-0.7371	-0.7301	-0.7276
	W	0.0	0.1517	0.2814	0.3699	0.4034	0.3755	0.2893	0.1572	0.0000
0.500	A	3.3915	3.3847	3.3651	3.3354	3.2997	3.2633	3.2320	3.2109	3.2034
	RHO	5.6379	5.6333	5.6209	5.6040	5.5870	5.5733	5.5645	5.5600	5.5587
	P	2.2998	2.2887	2.2573	2.2109	2.1573	2.1048	2.0614	2.0328	2.0229
	U	3.2838	3.3157	3.4066	3.5431	3.7048	3.8671	4.0052	4.0976	4.1301
	V	-0.9019	-0.9005	-0.8963	-0.8893	-0.8799	-0.8690	-0.8583	-0.8504	-0.8475
	W	0.0	0.1575	0.2922	0.3840	0.4186	0.3896	0.3000	0.1630	0.0000
0.600	A	3.3883	3.3814	3.3617	3.3319	3.2962	3.2600	3.2290	3.2081	3.2007
	RHO	5.6114	5.6074	5.5964	5.5812	5.5654	5.5520	5.5427	5.5374	5.5358
	P	2.2847	2.2738	2.2430	2.1974	2.1445	2.0926	2.0495	2.0211	2.0113
	U	3.2671	3.2991	3.3904	3.5275	3.6898	3.8527	3.9912	4.0838	4.1164
	V	-1.0197	-1.0183	-1.0139	-1.0065	-0.9964	-0.9845	-0.9728	-0.9642	-0.9610
	W	0.0	0.1625	0.3014	0.3960	0.4315	0.4014	0.3089	0.1678	0.0000
0.700	A	3.3849	3.3779	3.3582	3.3283	3.2926	3.2566	3.2258	3.2051	3.1979
	RHO	5.5829	5.5794	5.5698	5.5562	5.5415	5.5285	5.5187	5.5129	5.5110
	P	2.2684	2.2578	2.2276	2.1828	2.1306	2.0793	2.0366	2.0085	1.9987
	U	3.2495	3.2816	3.3733	3.5109	3.6738	3.8372	3.9761	4.0691	4.1017
	V	-1.1307	-1.1292	-1.1247	-1.1170	-1.1064	-1.0938	-1.0814	-1.0721	-1.0687
	W	0.0	0.1668	0.3093	0.4063	0.4426	0.4115	0.3166	0.1719	0.0000
0.800	A	3.3812	3.3742	3.3544	3.3245	3.2889	3.2530	3.2225	3.2020	3.1948
	RHO	5.5528	5.5498	5.5414	5.5293	5.5157	5.5031	5.4930	5.4867	5.4846
	P	2.2513	2.2409	2.2113	2.1672	2.1159	2.0652	2.0229	1.9950	1.9853
	U	3.2312	3.2635	3.3554	3.4935	3.6569	3.8209	3.9603	4.0536	4.0863
	V	-1.2356	-1.2341	-1.2295	-1.2216	-1.2106	-1.1975	-1.1845	-1.1747	-1.1711
	W	0.0	0.1706	0.3163	0.4153	0.4523	0.4202	0.3231	0.1754	0.0000
0.900	A	3.3773	3.3704	3.3505	3.3206	3.2850	3.2493	3.2190	3.1987	3.1916
	RHO	5.5213	5.5188	5.5116	5.5008	5.4884	5.4761	5.4659	5.4591	5.4568
	P	2.2335	2.2233	2.1942	2.1510	2.1004	2.0504	2.0085	1.9809	1.9712
	U	3.2125	3.2449	3.3371	3.4755	3.6394	3.8040	3.9439	4.0375	4.0704
	V	-1.3348	-1.3333	-1.3287	-1.3208	-1.3095	-1.2961	-1.2826	-1.2726	-1.2688
	W	0.0	0.1739	0.3224	0.4233	0.4607	0.4279	0.3289	0.1784	0.0000
1.000	A	3.3734	3.3664	3.3465	3.3165	3.2811	3.2455	3.2154	3.1952	3.1882
	RHO	5.4887	5.4866	5.4805	5.4711	5.4597	5.4478	5.4374	5.4303	5.4278
	P	2.2151	2.2051	2.1766	2.1342	2.0844	2.0351	1.9936	1.9662	1.9566
THS/THC		1.2133	1.2122	1.2091	1.2042	1.1983	1.1921	1.1867	1.1830	1.1817

M=10.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 7.8938

XI	PHI	0.0
	U	4.7954
	V	0.0000
	W	0.0
-0.000	A	4.0458
	RHO	5.8503
	P	2.1778
	U	4.7953
	V	-0.0524
	W	0.0
0.025	A	4.0457
	RHO	5.8501
	P	2.1776
	U	4.7949
	V	-0.1038
	W	0.0
0.050	A	4.0457
	RHO	5.8494
	P	2.1773
	U	4.7932
	V	-0.2039
	W	0.0
0.100	A	4.0453
	RHO	5.8467
	P	2.1759
	U	4.7872
	V	-0.3940
	W	0.0
0.200	A	4.0479
	RHO	5.8367
	P	2.1707
	U	4.7779
	V	-0.5719
	W	0.0
0.300	A	4.0458
	RHO	5.8219
	P	2.1630
	U	4.7661
	V	-0.7390
	W	0.0
0.400	A	4.0432
	RHO	5.8031
	P	2.1532
	U	4.7520
	V	-0.8965
	W	0.0
0.500	A	4.0402
	RHO	5.7811
	P	2.1418
	U	4.7363
	V	-1.0453
	W	0.0
0.600	A	4.0367
	RHO	5.7565
	P	2.1290
	U	4.7190
	V	-1.1862
	W	0.0
0.700	A	4.0330
	RHO	5.7298
	P	2.1152
	U	4.7007
	V	-1.3199
	W	0.0
0.800	A	4.0289
	RHO	5.7012
	P	2.1005
	U	4.6814
	V	-1.4473
	W	0.0
0.900	A	4.0247
	RHO	5.6711
	P	2.0850
	U	4.6614
	V	-1.5687
	W	0.0
1.000	A	4.0202
	RHO	5.6397
	P	2.0688

THS/THC 1.1851

M=10.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)= 7.8938

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.6926	4.6951	4.7022	4.7129	4.7255	4.7381	4.7487	4.7558	4.7583
	V	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0159	0.0293	0.0383	0.0414	0.0382	0.0292	0.0158	0.0000
0.0	A	4.0738	4.0732	4.0716	4.0691	4.0662	4.0632	4.0608	4.0591	4.0585
	RHO	5.8573	5.8531	5.8412	5.8234	5.8034	5.7816	5.7640	5.7523	5.7482
	P	2.2063	2.2041	2.1978	2.1884	2.1774	2.1665	2.1573	2.1512	2.1490
	U	4.6924	4.7000	4.7217	4.7544	4.7933	4.8326	4.8663	4.8889	4.8969
	V	-0.0529	-0.0529	-0.0527	-0.0525	-0.0524	-0.0523	-0.0522	-0.0522	-0.0522
	W	0.0	0.0214	0.0395	0.0515	0.0557	0.0514	0.0393	0.0213	0.0000
0.025	A	4.0738	4.0720	4.0670	4.0593	4.0501	4.0408	4.0327	4.0273	4.0254
	RHO	5.8570	5.8562	5.8540	5.8511	5.8481	5.8456	5.8441	5.8432	5.8430
	P	2.2062	2.2040	2.1977	2.1883	2.1773	2.1664	2.1572	2.1510	2.1489
	U	4.6920	4.6996	4.7214	4.7542	4.7932	4.8325	4.8660	4.8886	4.8965
	V	-0.1047	-0.1046	-0.1044	-0.1041	-0.1038	-0.1035	-0.1034	-0.1033	-0.1032
	W	0.0	0.0236	0.0437	0.0570	0.0618	0.0571	0.0437	0.0237	0.0000
0.050	A	4.0737	4.0719	4.0668	4.0592	4.0500	4.0406	4.0326	4.0272	4.0253
	RHO	5.8563	5.8555	5.8534	5.8506	5.8476	5.8452	5.8435	5.8426	5.8423
	P	2.2058	2.2036	2.1973	2.1879	2.1770	2.1660	2.1568	2.1507	2.1485
	U	4.6903	4.6980	4.7199	4.7528	4.7918	4.8311	4.8646	4.8870	4.8949
	V	-0.2055	-0.2053	-0.2050	-0.2045	-0.2039	-0.2034	-0.2030	-0.2027	-0.2026
	W	0.0	0.0267	0.0494	0.0646	0.0700	0.0648	0.0496	0.0269	0.0000
0.100	A	4.0733	4.0715	4.0664	4.0587	4.0495	4.0402	4.0322	4.0268	4.0249
	RHO	5.8535	5.8528	5.8508	5.8481	5.8452	5.8427	5.8410	5.8399	5.8396
	P	2.2043	2.2021	2.1959	2.1865	2.1755	2.1646	2.1554	2.1493	2.1472
	U	4.6841	4.6918	4.7139	4.7469	4.7861	4.8253	4.8588	4.8811	4.8890
	V	-0.3969	-0.3967	-0.3961	-0.3951	-0.3941	-0.3930	-0.3921	-0.3915	-0.3913
	W	0.0	0.0308	0.0570	0.0746	0.0809	0.0749	0.0575	0.0311	0.0000
0.200	A	4.0719	4.0701	4.0650	4.0572	4.0480	4.0387	4.0308	4.0254	4.0235
	RHO	5.8435	5.8428	5.8410	5.8384	5.8356	5.8332	5.8313	5.8302	5.8298
	P	2.1990	2.1969	2.1906	2.1813	2.1704	2.1595	2.1504	2.1443	2.1421
	U	4.6746	4.6824	4.7045	4.7377	4.7769	4.8163	4.8497	4.8721	4.8800
	V	-0.5761	-0.5758	-0.5749	-0.5736	-0.5721	-0.5705	-0.5692	-0.5683	-0.5680
	W	0.0	0.0337	0.0623	0.0816	0.0885	0.0820	0.0629	0.0341	0.0000
0.300	A	4.0698	4.0680	4.0628	4.0551	4.0459	4.0366	4.0287	4.0234	4.0215
	RHO	5.8284	5.8278	5.8261	5.8237	5.8210	5.8183	5.8167	5.8156	5.8152
	P	2.1911	2.1889	2.1828	2.1735	2.1627	2.1519	2.1428	2.1367	2.1346
	U	4.6625	4.6703	4.6925	4.7258	4.7651	4.8046	4.8381	4.8605	4.8684
	V	-0.7442	-0.7439	-0.7428	-0.7412	-0.7392	-0.7373	-0.7356	-0.7345	-0.7341
	W	0.0	0.0359	0.0664	0.0869	0.0943	0.0873	0.0670	0.0363	0.0000
0.400	A	4.0671	4.0653	4.0602	4.0524	4.0432	4.0340	4.0261	4.0208	4.0190
	RHO	5.8094	5.8088	5.8072	5.8049	5.8024	5.8001	5.7982	5.7970	5.7967
	P	2.1811	2.1789	2.1728	2.1637	2.1529	2.1422	2.1332	2.1272	2.1251
	U	4.6481	4.6559	4.6782	4.7117	4.7511	4.7907	4.8243	4.8468	4.8547
	V	-0.9026	-0.9021	-0.9009	-0.8990	-0.8967	-0.8944	-0.8924	-0.8911	-0.8906
	W	0.0	0.0377	0.0697	0.0913	0.0990	0.0917	0.0703	0.0381	0.0000
0.500	A	4.0640	4.0622	4.0570	4.0493	4.0401	4.0309	4.0231	4.0178	4.0159
	RHO	5.7871	5.7865	5.7851	5.7829	5.7805	5.7783	5.7765	5.7754	5.7750
	P	2.1694	2.1672	2.1612	2.1522	2.1415	2.1309	2.1220	2.1160	2.1139
	U	4.6320	4.6398	4.6622	4.6958	4.7354	4.7751	4.8088	4.8313	4.8392
	V	-1.0521	-1.0516	-1.0502	-1.0481	-1.0455	-1.0429	-1.0406	-1.0391	-1.0386
	W	0.0	0.0392	0.0725	0.0949	0.1029	0.0953	0.0731	0.0396	0.0000
0.600	A	4.0605	4.0587	4.0535	4.0458	4.0366	4.0275	4.0196	4.0144	4.0126
	RHO	5.7621	5.7617	5.7603	5.7583	5.7561	5.7540	5.7522	5.7511	5.7507
	P	2.1563	2.1542	2.1482	2.1393	2.1288	2.1183	2.1095	2.1036	2.1015
	U	4.6144	4.6223	4.6448	4.6784	4.7182	4.7580	4.7918	4.8144	4.8224
	V	-1.1936	-1.1930	-1.1915	-1.1892	-1.1864	-1.1836	-1.1811	-1.1794	-1.1788
	W	0.0	0.0405	0.0749	0.0980	0.1063	0.0984	0.0754	0.0409	0.0000
0.700	A	4.0567	4.0549	4.0497	4.0420	4.0329	4.0237	4.0159	4.0107	4.0089
	RHO	5.7350	5.7346	5.7333	5.7315	5.7295	5.7274	5.7258	5.7247	5.7243
	P	2.1421	2.1400	2.1342	2.1254	2.1150	2.1047	2.0959	2.0901	2.0880
	U	4.5957	4.6036	4.6262	4.6599	4.6998	4.7358	4.7737	4.7964	4.8043
	V	-1.3278	-1.3273	-1.3257	-1.3232	-1.3202	-1.3172	-1.3145	-1.3127	-1.3120
	W	0.0	0.0416	0.0769	0.1006	0.1091	0.1010	0.0775	0.0420	0.0000
0.800	A	4.0526	4.0508	4.0456	4.0379	4.0288	4.0197	4.0119	4.0067	4.0049
	RHO	5.7061	5.7057	5.7046	5.7029	5.7010	5.6991	5.6975	5.6965	5.6962
	P	2.1270	2.1250	2.1192	2.1105	2.1003	2.0901	2.0814	2.0757	2.0737
	U	4.5761	4.5840	4.6066	4.6405	4.6805	4.7206	4.7547	4.7774	4.7854
	V	-1.4555	-1.4549	-1.4533	-1.4507	-1.4476	-1.4443	-1.4415	-1.4396	-1.4389
	W	0.0	0.0425	0.0787	0.1030	0.1117	0.1033	0.0792	0.0429	0.0000
0.900	A	4.0482	4.0464	4.0413	4.0336	4.0245	4.0154	4.0077	4.0026	4.0007
	RHO	5.6757	5.6753	5.6743	5.6728	5.6710	5.6693	5.6678	5.6668	5.6664
	P	2.1111	2.1091	2.1034	2.0949	2.0848	2.0747	2.0662	2.0605	2.0585
	U	4.5558	4.5637	4.5864	4.6204	4.6606	4.7008	4.7349	4.7577	4.7658
	V	-1.5773	-1.5767	-1.5749	-1.5723	-1.5690	-1.5656	-1.5627	-1.5607	-1.5600
	W	0.0	0.0434	0.0802	0.1050	0.1139	0.1054	0.0808	0.0438	0.0000
1.000	A	4.0437	4.0419	4.0368	4.0291	4.0201	4.0110	4.0033	3.9982	3.9963
	RHO	5.6439	5.6436	5.6427	5.6413	5.6397	5.6381	5.6367	5.6357	5.6354
	P	2.0946	2.0926	2.0870	2.0786	2.0687	2.0588	2.0504	2.0447	2.0428
THS/THC		1.1881	1.1878	1.1872	1.1863	1.1851	1.1840	1.1830	1.1824	1.1821

M=10.0, THC=52.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)= 7.8938

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	4.2615	4.2754	4.3151	4.3743	4.4437	4.5127	4.5707	4.6091	4.6226
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000	0.0000
	W	0.0	0.0882	0.1627	0.2118	0.2279	0.2095	0.1585	0.0852	0.0000
0.0	A	4.1675	4.1644	4.1558	4.1430	4.1280	4.1132	4.1008	4.0926	4.0898
	RHO	5.8844	5.8629	5.8023	5.7133	5.6107	5.5109	5.4285	5.3746	5.3559
	P	2.3196	2.3078	2.2745	2.2257	2.1700	2.1161	2.0720	2.0433	2.0333
	U	4.2613	4.2961	4.3966	4.5518	4.7429	4.9432	5.1207	5.2434	5.2872
	V	-0.0545	-0.0543	-0.0539	-0.0534	-0.0526	-0.0515	-0.0513	-0.0508	-0.0506
	W	0.0	0.1099	0.2021	0.2618	0.2803	0.2560	0.1940	0.1043	0.0000
0.025	A	4.1675	4.1600	4.1383	4.1039	4.0601	4.0124	3.9683	3.9368	3.9254
	RHO	5.8841	5.8750	5.8513	5.8224	5.7995	5.7910	5.7968	5.8081	5.8136
	P	2.3195	2.3076	2.2744	2.2257	2.1699	2.1161	2.0719	2.0431	2.0332
	U	4.2608	4.2965	4.3995	4.5574	4.7499	4.9454	5.1244	5.2442	5.2868
	V	-0.1078	-0.1076	-0.1068	-0.1057	-0.1043	-0.1029	-0.1016	-0.1008	-0.1004
	W	0.0	0.1198	0.2209	0.2876	0.3099	0.2852	0.2176	0.1176	0.0000
0.050	A	4.1673	4.1597	4.1372	4.1021	4.0579	4.0102	3.9669	3.9364	3.9253
	RHO	5.8833	5.8750	5.8533	5.8266	5.8052	5.7963	5.7999	5.8086	5.8129
	P	2.3191	2.3073	2.2740	2.2253	2.1696	2.1158	2.0716	2.0428	2.0329
	U	4.2589	4.2956	4.4011	4.5617	4.7556	4.9544	5.1268	5.2439	5.2854
	V	-0.2118	-0.2113	-0.2099	-0.2077	-0.2050	-0.2022	-0.1997	-0.1979	-0.1972
	W	0.0	0.1338	0.2473	0.3234	0.3506	0.3246	0.2491	0.1351	0.0000
0.100	A	4.1669	4.1590	4.1358	4.0998	4.0551	4.0077	3.9652	3.9356	3.9249
	RHO	5.8804	5.8730	5.8536	5.8295	5.8098	5.8004	5.8016	5.8073	5.8103
	P	2.3175	2.3057	2.2725	2.2240	2.1684	2.1145	2.0704	2.0416	2.0316
	U	4.2519	4.2856	4.3976	4.5609	4.7563	4.9545	5.1248	5.2395	5.2800
	V	-0.4092	-0.4083	-0.4057	-0.4017	-0.3966	-0.3910	-0.3859	-0.3822	-0.3808
	W	0.0	0.1531	0.2836	0.3722	0.4051	0.3767	0.2901	0.1577	0.0000
0.200	A	4.1654	4.1571	4.1332	4.0963	4.0511	4.0039	3.9624	3.9335	3.9237
	RHO	5.8697	5.8635	5.8470	5.8263	5.8085	5.7987	5.7970	5.7994	5.8010
	P	2.3116	2.2999	2.2671	2.2189	2.1636	2.1100	2.0658	2.0370	2.0270
	U	4.2414	4.2796	4.3890	4.5539	4.7503	4.9485	5.1179	5.2317	5.2718
	V	-0.5934	-0.5922	-0.5887	-0.5831	-0.5759	-0.5679	-0.5603	-0.5547	-0.5527
	W	0.0	0.1669	0.3094	0.4065	0.4430	0.4124	0.3177	0.1728	0.0000
0.300	A	4.1631	4.1547	4.1302	4.0928	4.0474	4.0005	3.9596	3.9317	3.9218
	RHO	5.8537	5.8483	5.8340	5.8157	5.7995	5.7894	5.7860	5.7864	5.7871
	P	2.3027	2.2912	2.2588	2.2112	2.1563	2.1030	2.0590	2.0302	2.0202
	U	4.2279	4.2665	4.3769	4.5430	4.7401	4.9386	5.1078	5.2213	5.2612
	V	-0.7658	-0.7644	-0.7601	-0.7532	-0.7442	-0.7340	-0.7242	-0.7171	-0.7145
	W	0.0	0.1777	0.3296	0.4332	0.4723	0.4396	0.3387	0.1842	0.0000
0.400	A	4.1603	4.1517	4.1269	4.0892	4.0436	3.9969	3.9565	3.9291	3.9194
	RHO	5.8335	5.8288	5.8163	5.8001	5.7852	5.7751	5.7705	5.7695	5.7696
	P	2.2916	2.2803	2.2483	2.2013	2.1470	2.0940	2.0503	2.0216	2.0117
	U	4.2120	4.2510	4.3621	4.5291	4.7271	4.9260	5.0953	5.2087	5.2486
	V	-0.9276	-0.9260	-0.9211	-0.9132	-0.9026	-0.8905	-0.8789	-0.8704	-0.8672
	W	0.0	0.1866	0.3461	0.4549	0.4959	0.4616	0.3555	0.1932	0.0000
0.500	A	4.1569	4.1482	4.1232	4.0852	4.0397	3.9932	3.9532	3.9262	3.9166
	RHO	5.8098	5.8058	5.7950	5.7807	5.7670	5.7570	5.7516	5.7495	5.7491
	P	2.2786	2.2675	2.2361	2.1897	2.1360	2.0836	2.0401	2.0116	2.0017
	U	4.1944	4.2335	4.3453	4.5131	4.7118	4.9113	5.0809	5.1944	5.2343
	V	-1.0799	-1.0781	-1.0728	-1.0639	-1.0521	-1.0384	-1.0252	-1.0155	-1.0119
	W	0.0	0.1941	0.3601	0.4731	0.5157	0.4797	0.3693	0.2007	0.0000
0.600	A	4.1531	4.1443	4.1192	4.0811	4.0355	3.9893	3.9496	3.9229	3.9135
	RHO	5.7835	5.7800	5.7707	5.7582	5.7457	5.7359	5.7299	5.7270	5.7262
	P	2.2641	2.2532	2.2224	2.1767	2.1238	2.0719	2.0287	2.0004	1.9905
	U	4.1752	4.2146	4.3268	4.4953	4.6947	4.8949	5.0649	5.1787	5.2187
	V	-1.2235	-1.2216	-1.2159	-1.2064	-1.1935	-1.1786	-1.1640	-1.1533	-1.1493
	W	0.0	0.2006	0.3720	0.4887	0.5324	0.4951	0.3810	0.2069	0.0000
0.700	A	4.1490	4.1402	4.1149	4.0767	4.0312	3.9851	3.9458	3.9194	3.9101
	RHO	5.7549	5.7520	5.7441	5.7332	5.7219	5.7124	5.7059	5.7024	5.7012
	P	2.2485	2.2378	2.2075	2.1626	2.1104	2.0591	2.0163	1.9882	1.9784
	U	4.1550	4.1945	4.3071	4.4762	4.6764	4.8771	5.0477	5.1618	5.2019
	V	-1.3594	-1.3574	-1.3514	-1.3414	-1.3277	-1.3116	-1.2960	-1.2844	-1.2801
	W	0.0	0.2062	0.3824	0.5022	0.5469	0.5083	0.3910	0.2123	0.0000
0.800	A	4.1446	4.1357	4.1104	4.0721	4.0267	3.9808	3.9418	3.9156	3.9064
	RHO	5.7245	5.7221	5.7155	5.7061	5.6960	5.6869	5.6800	5.6759	5.6746
	P	2.2319	2.2214	2.1917	2.1476	2.0962	2.0455	2.0031	1.9752	1.9655
	U	4.1338	4.1735	4.2865	4.4562	4.6569	4.8584	5.0295	5.1440	5.1843
	V	-1.4882	-1.4842	-1.4800	-1.4695	-1.4552	-1.4383	-1.4218	-1.4095	-1.4050
	W	0.0	0.2112	0.3915	0.5140	0.5595	0.5198	0.3996	0.2169	0.0000
0.900	A	4.1400	4.1311	4.1057	4.0674	4.0220	3.9764	3.9376	3.9117	3.9025
	RHO	5.6926	5.6907	5.6853	5.6774	5.6683	5.6596	5.6525	5.6480	5.6464
	P	2.2145	2.2042	2.1751	2.1318	2.0812	2.0311	1.9892	1.9615	1.9518
	U	4.1121	4.1518	4.2652	4.4353	4.6367	4.8388	5.0105	5.1255	5.1659
	V	-1.6107	-1.6086	-1.6023	-1.5915	-1.5766	-1.5591	-1.5419	-1.5291	-1.5244
	W	0.0	0.2156	0.3996	0.5245	0.5707	0.5299	0.4071	0.2209	0.0000
1.000	A	4.1351	4.1262	4.1008	4.0625	4.0172	3.9718	3.9332	3.9075	3.8985
	RHO	5.6594	5.6580	5.6537	5.6472	5.6392	5.6309	5.6236	5.6187	5.6169
	P	2.1965	2.1864	2.1579	2.1154	2.0655	2.0161	1.9746	1.9472	1.9376
THS/THC		1.2018	1.2008	1.1978	1.1931	1.1875	1.1817	1.1766	1.1731	1.1718

M=15.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=11.8738

XI	PHI	0.0
	U	7.2948
	V	-C.0000
	W	C.0
-C.000	A	5.9462
	RHO	6.0434
	P	2.1555
	U	7.2946
	V	-C.0742
	W	0.0
0.C25	A	5.9461
	RHO	6.0432
	P	2.1554
	U	7.2941
	V	-C.1472
	W	0.0
0.050	A	5.9460
	RHO	6.0425
	P	2.1550
	U	7.2919
	V	-C.2895
	W	C.0
0.1C0	A	5.9455
	RHO	6.0359
	P	2.1537
	U	7.2838
	V	-C.5607
	W	0.0
0.200	A	5.9436
	RHO	6.0302
	P	2.1489
	U	7.2714
	V	-C.8157
	W	C.0
0.300	A	5.9407
	RHO	6.0156
	P	2.1416
	U	7.2554
	V	-1.0562
	W	0.0
0.4C0	A	5.9371
	RHO	5.9971
	P	2.1324
	U	7.2364
	V	-1.2836
	W	0.0
0.5C0	A	5.9327
	RHO	5.9753
	P	2.1216
	U	7.2149
	V	-1.4993
	W	0.0
0.6C0	A	5.9279
	RHO	5.95C7
	P	2.1094
	U	7.1914
	V	-1.7043
	W	0.0
0.700	A	5.9225
	RHO	5.9239
	P	2.0961
	U	7.1661
	V	-1.8995
	W	C.0
0.800	A	5.9167
	RHO	5.8952
	P	2.0818
	U	7.1395
	V	-2.0859
	W	0.0
0.900	A	5.91C6
	RHO	5.8647
	P	2.0668
	U	7.1118
	V	-2.2642
	W	C.0
1.CC0	A	5.9042
	RHO	5.8328
	P	2.0511
THS/THC		1.1752

M=15.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=11.8738

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	7.1426	7.1462	7.1564	7.1717	7.1897	7.2077	7.2229	7.2331	7.2367
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0000
	W	0.0	0.0227	0.0419	0.0548	0.0592	0.0547	0.0418	0.0226	0.0000
0.0	A	5.9830	5.9822	5.9797	5.9760	5.9717	5.9674	5.9637	5.9612	5.9604
	RHO	6.0481	6.0438	6.0313	6.0128	5.9910	5.9693	5.9510	5.9388	5.9345
	P	2.1840	2.1818	2.1755	2.1661	2.1552	2.1443	2.1350	2.1289	2.1268
	U	7.1425	7.1537	7.1858	7.2342	7.2918	7.3499	7.3957	7.4332	7.4450
	V	-0.0750	-0.0749	-0.0747	-0.0745	-0.0742	-0.0741	-0.0740	-0.0739	-0.0739
	W	0.0	0.0310	0.0571	0.0746	0.0806	0.0744	0.0569	0.0308	0.0000
0.025	A	5.9830	5.9803	5.9725	5.9608	5.9467	5.9324	5.9201	5.9117	5.9087
	RHO	6.0479	6.0472	6.0455	6.0432	6.0411	6.0395	6.0387	6.0384	6.0384
	P	2.1839	2.1817	2.1754	2.1660	2.1551	2.1441	2.1349	2.1288	2.1267
	U	7.1419	7.1532	7.1854	7.2340	7.2917	7.3498	7.3954	7.4327	7.4445
	V	-0.1485	-0.1484	-0.1481	-0.1476	-0.1472	-0.1468	-0.1466	-0.1464	-0.1464
	W	0.0	0.0343	0.0634	0.0829	0.0897	0.0829	0.0635	0.0344	0.0000
0.050	A	5.9828	5.9801	5.9723	5.9606	5.9465	5.9322	5.9199	5.9116	5.9086
	RHO	6.0472	6.0466	6.0449	6.0427	6.0406	6.0391	6.0382	6.0378	6.0377
	P	2.1835	2.1813	2.1750	2.1657	2.1547	2.1438	2.1346	2.1285	2.1263
	U	7.1397	7.1510	7.1834	7.2321	7.2899	7.3480	7.3935	7.4307	7.4424
	V	-0.2918	-0.2916	-0.2911	-0.2904	-0.2896	-0.2888	-0.2882	-0.2878	-0.2877
	W	0.0	0.0390	0.0720	0.0942	0.1021	0.0945	0.0724	0.0392	0.0000
0.100	A	5.9823	5.9796	5.9717	5.9599	5.9458	5.9315	5.9193	5.9110	5.9081
	RHO	6.0445	6.0440	6.0424	6.0404	6.0383	6.0367	6.0357	6.0352	6.0351
	P	2.1822	2.1800	2.1737	2.1644	2.1534	2.1425	2.1333	2.1272	2.1250
	U	7.1314	7.1428	7.1754	7.2243	7.2822	7.3403	7.3858	7.4229	7.4345
	V	-0.5650	-0.5647	-0.5638	-0.5624	-0.5609	-0.5593	-0.5580	-0.5571	-0.5569
	W	0.0	0.0452	0.0836	0.1094	0.1187	0.1099	0.0842	0.0457	0.0000
0.200	A	5.9804	5.9776	5.9698	5.9579	5.9438	5.9295	5.9173	5.9091	5.9062
	RHO	6.0348	6.0342	6.0329	6.0310	6.0290	6.0274	6.0263	6.0257	6.0256
	P	2.1772	2.1750	2.1688	2.1595	2.1486	2.1377	2.1286	2.1225	2.1203
	U	7.1187	7.1302	7.1629	7.2120	7.2700	7.3282	7.3777	7.4108	7.4224
	V	-0.8218	-0.8214	-0.8201	-0.8182	-0.8159	-0.8137	-0.8117	-0.8104	-0.8100
	W	0.0	0.0496	0.0917	0.1200	0.1302	0.1206	0.0925	0.0501	0.0000
0.300	A	5.9775	5.9747	5.9668	5.9549	5.9408	5.9266	5.9144	5.9063	5.9034
	RHO	6.0200	6.0196	6.0183	6.0165	6.0147	6.0132	6.0120	6.0114	6.0112
	P	2.1698	2.1676	2.1614	2.1522	2.1414	2.1306	2.1215	2.1154	2.1133
	U	7.1023	7.1138	7.1467	7.1959	7.2541	7.3125	7.3620	7.3952	7.4068
	V	-1.0639	-1.0633	-1.0617	-1.0593	-1.0565	-1.0536	-1.0511	-1.0494	-1.0488
	W	0.0	0.0530	0.0980	0.1283	0.1391	0.1288	0.0988	0.0535	0.0000
0.400	A	5.9737	5.9709	5.9630	5.9512	5.9370	5.9229	5.9108	5.9027	5.8998
	RHO	6.0012	6.0008	5.9996	5.9981	5.9964	5.9949	5.9938	5.9931	5.9929
	P	2.1603	2.1581	2.1520	2.1429	2.1321	2.1214	2.1124	2.1064	2.1043
	U	7.0828	7.0944	7.1274	7.1768	7.2352	7.2937	7.3434	7.3766	7.3883
	V	-1.2927	-1.2921	-1.2902	-1.2874	-1.2840	-1.2805	-1.2775	-1.2755	-1.2748
	W	0.0	0.0557	0.1031	0.1350	0.1464	0.1355	0.1039	0.0563	0.0000
0.500	A	5.9693	5.9665	5.9586	5.9467	5.9327	5.9185	5.9065	5.8984	5.8956
	RHO	5.9791	5.9787	5.9777	5.9763	5.9747	5.9733	5.9722	5.9716	5.9714
	P	2.1492	2.1470	2.1410	2.1319	2.1213	2.1107	2.1018	2.0958	2.0937
	U	7.0608	7.0725	7.1056	7.1552	7.2137	7.2724	7.3222	7.3555	7.3672
	V	-1.5096	-1.5088	-1.5067	-1.5035	-1.4997	-1.4957	-1.4923	-1.4900	-1.4892
	W	0.0	0.0581	0.1074	0.1406	0.1525	0.1412	0.1082	0.0586	0.0000
0.600	A	5.9643	5.9616	5.9537	5.9418	5.9277	5.9136	5.9016	5.8936	5.8908
	RHO	5.9542	5.9539	5.9530	5.9517	5.9503	5.9490	5.9480	5.9474	5.9472
	P	2.1367	2.1346	2.1286	2.1196	2.1091	2.0987	2.0898	2.0839	2.0818
	U	7.0368	7.0485	7.0817	7.1314	7.1902	7.2490	7.2990	7.3324	7.3441
	V	-1.7155	-1.7147	-1.7124	-1.7089	-1.7046	-1.7003	-1.6965	-1.6939	-1.6930
	W	0.0	0.0600	0.1111	0.1454	0.1576	0.1459	0.1119	0.0606	0.0000
0.700	A	5.9589	5.9561	5.9482	5.9364	5.9223	5.9083	5.8964	5.8883	5.8855
	RHO	5.9270	5.9268	5.9260	5.9249	5.9236	5.9224	5.9215	5.9209	5.9207
	P	2.1230	2.1209	2.1150	2.1062	2.0958	2.0855	2.0767	2.0709	2.0689
	U	7.0110	7.0227	7.0561	7.1060	7.1649	7.2240	7.2741	7.3076	7.3194
	V	-1.9116	-1.9108	-1.9083	-1.9045	-1.8999	-1.8952	-1.8911	-1.8883	-1.8873
	W	0.0	0.0618	0.1143	0.1495	0.1621	0.1501	0.1150	0.0623	0.0000
0.800	A	5.9530	5.9502	5.9423	5.9305	5.9166	5.9025	5.8906	5.8827	5.8799
	RHO	5.8979	5.8977	5.8970	5.8960	5.8949	5.8939	5.8930	5.8925	5.8923
	P	2.1084	2.1064	2.1006	2.0919	2.0816	2.0714	2.0628	2.0570	2.0550
	U	6.9839	6.9957	7.0291	7.0792	7.1383	7.1976	7.2478	7.2815	7.2933
	V	-2.0988	-2.0978	-2.0952	-2.0912	-2.0863	-2.0813	-2.0770	-2.0740	-2.0729
	W	0.0	0.0633	0.1170	0.1532	0.1661	0.1537	0.1178	0.0638	0.0000
0.900	A	5.9468	5.9440	5.9361	5.9243	5.9104	5.8964	5.8846	5.8766	5.8739
	RHO	5.8671	5.8669	5.8664	5.8655	5.8646	5.8637	5.8629	5.8624	5.8622
	P	2.0930	2.0910	2.0853	2.0767	2.0666	2.0565	2.0480	2.0423	2.0403
	U	6.9557	6.9675	7.0010	7.0513	7.1106	7.1700	7.2205	7.2542	7.2660
	V	-2.2777	-2.2767	-2.2740	-2.2698	-2.2647	-2.2594	-2.2548	-2.2517	-2.2506
	W	0.0	0.0646	0.1195	0.1564	0.1695	0.1569	0.1203	0.0651	0.0000
1.000	A	5.9402	5.9375	5.9296	5.9178	5.9039	5.8900	5.8782	5.8703	5.8675
	RHO	5.8348	5.8347	5.8342	5.8336	5.8328	5.8320	5.8313	5.8309	5.8307
	P	2.0769	2.0749	2.0693	2.0609	2.0509	2.0410	2.0326	2.0269	2.0250
THS/THC		1.1781	1.1778	1.1772	1.1763	1.1753	1.1742	1.1733	1.1726	1.1724

M=15.0, THC=52.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=11.8738

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.5073	6.5272	6.5840	6.6686	6.7680	6.8668	6.9458	7.0048	7.0240
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000
	W	0.0	0.1262	0.2328	0.3030	0.3261	0.2990	0.2270	0.1220	0.0000
0.0	A	6.1263	6.1218	6.1090	6.0900	6.0677	6.0458	6.0274	6.0153	6.0111
	RHO	6.0669	6.0446	5.9817	5.8892	5.7826	5.6788	5.5930	5.5369	5.5174
	P	2.2969	2.2851	2.2519	2.2033	2.1476	2.0939	2.0497	2.0210	2.0110
	U	6.5071	6.5586	6.7076	6.9375	7.2202	7.5164	7.7787	7.9596	8.0243
	V	-0.0772	-0.0770	-0.0764	-0.0756	-0.0746	-0.0735	-0.0726	-0.0719	-0.0716
	W	0.0	0.1591	0.2924	0.3787	0.4055	0.3703	0.2806	0.1509	0.0000
0.025	A	6.1262	6.1148	6.0814	6.0286	5.9615	5.8883	5.8208	5.7726	5.7551
	RHO	6.0666	6.0580	6.0358	6.0094	5.9903	5.9864	5.9969	6.0119	6.0187
	P	2.2968	2.2850	2.2518	2.2032	2.1476	2.0938	2.0496	2.0209	2.0109
	U	6.5064	6.5593	6.7118	6.9456	7.2303	7.5254	7.7839	7.9609	8.0238
	V	-0.1529	-0.1525	-0.1514	-0.1498	-0.1479	-0.1458	-0.1440	-0.1428	-0.1423
	W	0.0	0.1740	0.3208	0.4175	0.4499	0.4140	0.3160	0.1767	0.0000
0.050	A	6.1261	6.1143	6.0799	6.0260	5.9582	5.8852	5.8188	5.7719	5.7550
	RHO	6.0659	6.0381	6.0379	6.0138	5.9963	5.9920	6.0002	6.0124	6.0181
	P	2.2964	2.2846	2.2515	2.2029	2.1473	2.0935	2.0494	2.0206	2.0106
	U	6.5039	6.5582	6.7143	6.9519	7.2387	7.5327	7.7875	7.9606	8.0219
	V	-0.3007	-0.3000	-0.2979	-0.2948	-0.2910	-0.2870	-0.2833	-0.2807	-0.2798
	W	0.0	0.1951	0.3607	0.4716	0.5112	0.4733	0.3632	0.1970	0.0000
0.100	A	6.1255	6.1133	6.0778	6.0226	5.9541	5.8814	5.8162	5.7708	5.7545
	RHO	6.0631	6.0562	6.0384	6.0171	6.0012	5.9965	6.0021	6.0113	6.0156
	P	2.2949	2.2832	2.2501	2.2017	2.1461	2.0924	2.0482	2.0194	2.0095
	U	6.4946	6.5504	6.7101	6.9517	7.2406	7.5336	7.7853	7.9545	8.0147
	V	-0.5824	-0.5811	-0.5774	-0.5715	-0.5642	-0.5561	-0.5486	-0.5432	-0.5412
	W	0.0	0.2244	0.4158	0.5455	0.5937	0.5520	0.4250	0.2310	0.0000
0.200	A	6.1234	6.1107	6.0740	6.0175	5.9482	5.8759	5.8122	5.7684	5.7528
	RHO	6.0527	6.0470	6.0323	6.0145	6.0007	5.9953	5.9980	6.0037	6.0064
	P	2.2894	2.2778	2.2450	2.1969	2.1417	2.0881	2.0440	2.0152	2.0052
	U	6.4805	6.5371	6.6988	6.9426	7.2329	7.5259	7.7763	7.9446	8.0037
	V	-0.8467	-0.8450	-0.8398	-0.8316	-0.8210	-0.8092	-0.7981	-0.7901	-0.7871
	W	0.0	0.2455	0.4551	0.5978	0.6515	0.6063	0.4671	0.2539	0.0000
0.300	A	6.1202	6.1073	6.0698	6.0125	5.9428	5.8709	5.8082	5.7653	5.7501
	RHO	6.0371	6.0323	6.0198	6.0045	5.9922	5.9866	5.9814	5.9910	5.9928
	P	2.2811	2.2697	2.2373	2.1897	2.1348	2.0815	2.0375	2.0088	1.9988
	U	6.4623	6.5194	6.6826	6.9281	7.2196	7.5129	7.7629	7.9306	7.9895
	V	-1.0953	-1.0932	-1.0868	-1.0765	-1.0631	-1.0480	-1.0336	-1.0232	-1.0193
	W	0.0	0.2621	0.4861	0.6387	0.6963	0.6481	0.4992	0.2714	0.0000
0.400	A	6.1162	6.1030	6.0651	6.0073	5.9374	5.8658	5.8038	5.7617	5.7468
	RHO	6.0172	6.0132	6.0025	5.9894	5.9785	5.9728	5.9723	5.9743	5.9754
	P	2.2706	2.2593	2.2274	2.1803	2.1260	2.0731	2.0293	2.0007	1.9907
	U	6.4408	6.4984	6.6627	6.9095	7.2020	7.4960	7.7461	7.9136	7.9725
	V	-1.3296	-1.3271	-1.3197	-1.3077	-1.2919	-1.2738	-1.2566	-1.2440	-1.2393
	W	0.0	0.2759	0.5116	0.6723	0.7328	0.6818	0.5251	0.2854	0.0000
0.500	A	6.1114	6.0981	6.0598	6.0016	5.9317	5.8604	5.7990	5.7575	5.7429
	RHO	5.9938	5.9904	5.9815	5.9703	5.9607	5.9550	5.9536	5.9544	5.9551
	P	2.2583	2.2472	2.2157	2.1693	2.1156	2.0631	2.0197	1.9911	1.9812
	U	6.4167	6.4746	6.6398	6.8877	7.1813	7.4760	7.7266	7.8943	7.9532
	V	-1.5510	-1.5482	-1.5400	-1.5265	-1.5086	-1.4880	-1.4683	-1.4538	-1.4485
	W	0.0	0.2875	0.5332	0.7005	0.7633	0.7100	0.5465	0.2969	0.0000
0.600	A	6.1061	6.0926	6.0541	5.9956	5.9257	5.8548	5.7939	5.7529	5.7385
	RHO	5.9676	5.9648	5.9574	5.9480	5.9396	5.9342	5.9320	5.9319	5.9321
	P	2.2444	2.2335	2.2026	2.1569	2.1039	2.0519	2.0088	1.9804	1.9706
	U	6.3904	6.4486	6.6145	6.8635	7.1581	7.4537	7.7048	7.8729	7.9319
	V	-1.7607	-1.7577	-1.7488	-1.7341	-1.7143	-1.6916	-1.6697	-1.6536	-1.6477
	W	0.0	0.2976	0.5518	0.7248	0.7895	0.7339	0.5647	0.3066	0.0000
0.700	A	6.1002	6.0867	6.0479	5.9893	5.9195	5.8488	5.7884	5.7479	5.7336
	RHO	5.9389	5.9367	5.9308	5.9231	5.9158	5.9107	5.9081	5.9072	5.9071
	P	2.2294	2.2187	2.1883	2.1434	2.0911	2.0397	1.9969	1.9687	1.9589
	U	6.3625	6.4209	6.5874	6.8373	7.1329	7.4254	7.6813	7.8458	7.9090
	V	-1.9597	-1.9566	-1.9471	-1.9314	-1.9101	-1.8856	-1.8618	-1.8444	-1.8379
	W	0.0	0.3064	0.5680	0.7459	0.8121	0.7546	0.5803	0.3150	0.0000
0.800	A	6.0939	6.0803	6.0414	5.9827	5.9129	5.8426	5.7827	5.7425	5.7284
	RHO	5.9083	5.9066	5.9021	5.8960	5.8899	5.8851	5.8821	5.8806	5.8802
	P	2.2133	2.2028	2.1730	2.1288	2.0773	2.0265	1.9841	1.9562	1.9464
	U	6.3332	6.3918	6.5588	6.8095	7.1061	7.4035	7.6562	7.8253	7.8847
	V	-2.1492	-2.1459	-2.1359	-2.1193	-2.0968	-2.0707	-2.0455	-2.0269	-2.0200
	W	0.0	0.3142	0.5823	0.7644	0.8319	0.7726	0.5938	0.3222	0.0000
0.900	A	6.0872	6.0736	6.0346	5.9759	5.9062	5.8361	5.7766	5.7368	5.7228
	RHO	5.8761	5.8749	5.8716	5.8670	5.8620	5.8576	5.8543	5.8523	5.8516
	P	2.1964	2.1861	2.1569	2.1135	2.0628	2.0126	1.9706	1.9429	1.9332
	U	6.3029	6.3616	6.5292	6.7806	7.0781	7.3765	7.6300	7.7957	7.8593
	V	-2.3258	-2.3264	-2.3161	-2.2988	-2.2753	-2.2479	-2.2214	-2.2018	-2.1946
	W	0.0	0.3211	0.5951	0.7809	0.8494	0.7885	0.6057	0.3286	0.0000
1.000	A	6.0802	6.0665	6.0275	5.9688	5.8992	5.8295	5.7703	5.7308	5.7169
	RHO	5.8423	5.8416	5.8396	5.8364	5.8325	5.8285	5.8249	5.8225	5.8217
	P	2.1788	2.1687	2.1401	2.0975	2.0475	1.9980	1.9565	1.9290	1.9194
THS/THC		1.1910	1.1900	1.1872	1.1827	1.1774	1.1718	1.1669	1.1636	1.1624

M=20.0, THC=52.5, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=15.8472

XI	PHI	0.0
	U	9.7726
	V	0.0000
	W	0.0
-0.000	A	7.8676
	RHO	6.1151
	P	2.1478
	U	9.7723
	V	-0.0970
	W	0.0
0.025	A	7.8676
	RHO	6.1149
	P	2.1477
	U	9.7716
	V	-0.1924
	W	0.0
0.050	A	7.8674
	RHO	6.1142
	P	2.1474
	U	9.7689
	V	-0.3786
	W	0.0
0.100	A	7.8667
	RHO	6.1116
	P	2.1461
	U	9.7586
	V	-0.7339
	W	0.0
0.200	A	7.8643
	RHO	6.1020
	P	2.1414
	U	9.7427
	V	-1.0684
	W	0.0
0.300	A	7.8605
	RHO	6.0875
	P	2.1343
	U	9.7221
	V	-1.3842
	W	0.0
0.400	A	7.8557
	RHO	6.0691
	P	2.1252
	U	9.6977
	V	-1.6834
	W	0.0
0.500	A	7.8501
	RHO	6.0473
	P	2.1146
	U	9.6700
	V	-1.9673
	W	0.0
0.600	A	7.8437
	RHO	6.0228
	P	2.1026
	U	9.6356
	V	-2.2376
	W	0.0
0.700	A	7.8367
	RHO	5.9959
	P	2.0895
	U	9.6070
	V	-2.4952
	W	0.0
0.800	A	7.8292
	RHO	5.9671
	P	2.0754
	U	9.5725
	V	-2.7415
	W	0.0
0.900	A	7.8211
	RHO	5.9365
	P	2.0605
	U	9.5366
	V	-2.9774
	W	0.0
1.000	A	7.8127
	RHO	5.9045
	P	2.0450
THS/THC		1.1718

M=20.0, THC=52.5, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=15.8472

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	9.5706	9.5753	9.5887	9.6087	9.6323	9.6559	9.6759	9.6893	9.6940
	V	0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0298	0.0550	0.0718	0.0777	0.0717	0.0548	0.0296	0.0000
0.0	A	7.9171	7.9160	7.9127	7.9078	7.9021	7.8963	7.8914	7.8882	7.8870
	RHO	6.1189	6.1145	6.1019	6.0831	6.0610	6.0390	6.0204	6.0080	6.0037
	P	2.1763	2.1741	2.1678	2.1585	2.1475	2.1366	2.1274	2.1213	2.1191
	U	9.5704	9.5853	9.6279	9.6922	9.7686	9.8458	9.9119	9.9564	9.9720
	V	-0.0980	-0.0979	-0.0977	-0.0973	-0.0970	-0.0968	-0.0967	-0.0966	-0.0966
	W	0.0	0.0408	0.0753	0.0982	0.1062	0.0980	0.0749	0.0405	0.0000
0.025	A	7.9170	7.9134	7.9030	7.8873	7.8684	7.8491	7.8325	7.8213	7.8173
	RHO	6.1187	6.1181	6.1165	6.1145	6.1127	6.1115	6.1110	6.1109	6.1110
	P	2.1762	2.1740	2.1677	2.1584	2.1474	2.1365	2.1273	2.1211	2.1190
	U	9.5697	9.5846	9.6275	9.6919	9.7684	9.8456	9.9115	9.9557	9.9713
	V	-0.1941	-0.1939	-0.1936	-0.1930	-0.1925	-0.1920	-0.1916	-0.1914	-0.1914
	W	0.0	0.0453	0.0837	0.1093	0.1183	0.1093	0.0837	0.0453	0.0000
0.050	A	7.9169	7.9132	7.9028	7.8869	7.8680	7.8488	7.8322	7.8210	7.8171
	RHO	6.1180	6.1175	6.1160	6.1141	6.1123	6.1111	6.1105	6.1103	6.1103
	P	2.1758	2.1736	2.1674	2.1580	2.1471	2.1361	2.1269	2.1208	2.1187
	U	9.5668	9.5819	9.6249	9.6896	9.7663	9.8434	9.9091	9.9531	9.9686
	V	-0.3816	-0.3814	-0.3807	-0.3798	-0.3787	-0.3777	-0.3768	-0.3764	-0.3762
	W	0.0	0.0515	0.0952	0.1244	0.1349	0.1248	0.0956	0.0518	0.0000
0.100	A	7.9162	7.9125	7.9020	7.8861	7.8671	7.8479	7.8315	7.8204	7.8165
	RHO	6.1154	6.1149	6.1135	6.1117	6.1100	6.1088	6.1081	6.1078	6.1077
	P	2.1745	2.1723	2.1661	2.1567	2.1458	2.1349	2.1257	2.1196	2.1174
	U	9.5562	9.5714	9.6147	9.6796	9.7565	9.8336	9.8992	9.9431	9.9586
	V	-0.7395	-0.7391	-0.7379	-0.7361	-0.7340	-0.7320	-0.7303	-0.7291	-0.7287
	W	0.0	0.0598	0.1106	0.1448	0.1570	0.1454	0.1115	0.0604	0.0000
0.200	A	7.9137	7.9100	7.8994	7.8834	7.8645	7.8453	7.8289	7.8179	7.8140
	RHO	6.1057	6.1052	6.1041	6.1024	6.1008	6.0996	6.0988	6.0984	6.0983
	P	2.1697	2.1675	2.1613	2.1520	2.1411	2.1302	2.1211	2.1150	2.1128
	U	9.5400	9.5552	9.5986	9.6638	9.7408	9.8181	9.8837	9.9277	9.9431
	V	-1.0764	-1.0758	-1.0741	-1.0716	-1.0686	-1.0656	-1.0630	-1.0613	-1.0607
	W	0.0	0.0657	0.1215	0.1590	0.1725	0.1597	0.1225	0.0664	0.0000
0.300	A	7.9099	7.9062	7.8956	7.8796	7.8606	7.8415	7.8252	7.8142	7.8104
	RHO	6.0911	6.0907	6.0895	6.0881	6.0866	6.0854	6.0846	6.0841	6.0840
	P	2.1624	2.1603	2.1541	2.1448	2.1340	2.1232	2.1141	2.1080	2.1059
	U	9.5189	9.5342	9.5778	9.6432	9.7205	9.7979	9.8636	9.9076	9.9231
	V	-1.3945	-1.3937	-1.3916	-1.3884	-1.3846	-1.3807	-1.3774	-1.3752	-1.3744
	W	0.0	0.0702	0.1299	0.1701	0.1845	0.1708	0.1310	0.0710	0.0000
0.400	A	7.9050	7.9013	7.8907	7.8747	7.8557	7.8367	7.8204	7.8095	7.8057
	RHO	6.0724	6.0720	6.0710	6.0697	6.0683	6.0672	6.0664	6.0659	6.0657
	P	2.1531	2.1510	2.1449	2.1357	2.1250	2.1143	2.1052	2.0992	2.0971
	U	9.4939	9.5093	9.5530	9.6186	9.6961	9.7737	9.8396	9.8837	9.8992
	V	-1.6955	-1.6946	-1.6921	-1.6883	-1.6838	-1.6792	-1.6752	-1.6725	-1.6715
	W	0.0	0.0740	0.1368	0.1791	0.1942	0.1798	0.1379	0.0747	0.0000
0.500	A	7.8993	7.8955	7.8849	7.8689	7.8500	7.8310	7.8148	7.8040	7.8002
	RHO	6.0503	6.0500	6.0492	6.0480	6.0467	6.0457	6.0449	6.0444	6.0443
	P	2.1422	2.1401	2.1340	2.1250	2.1143	2.1037	2.0948	2.0888	2.0867
	U	9.4656	9.4810	9.5249	9.5907	9.6684	9.7463	9.8124	9.8566	9.8721
	V	-1.9811	-1.9801	-1.9773	-1.9730	-1.9678	-1.9625	-1.9580	-1.9549	-1.9538
	W	0.0	0.0771	0.1426	0.1866	0.2024	0.1874	0.1437	0.0779	0.0000
0.600	A	7.8928	7.8890	7.8784	7.8624	7.8436	7.8246	7.8085	7.7977	7.7939
	RHO	6.0254	6.0252	6.0245	6.0235	6.0223	6.0214	6.0207	6.0203	6.0201
	P	2.1299	2.1278	2.1218	2.1129	2.1023	2.0919	2.0830	2.0771	2.0750
	U	9.4345	9.4500	9.4941	9.5601	9.6381	9.7161	9.7824	9.8268	9.8424
	V	-2.2527	-2.2516	-2.2485	-2.2438	-2.2380	-2.2322	-2.2271	-2.2237	-2.2225
	W	0.0	0.0798	0.1476	0.1931	0.2094	0.1939	0.1486	0.0805	0.0000
0.700	A	7.8856	7.8819	7.8713	7.8553	7.8365	7.8174	7.8016	7.7908	7.7871
	RHO	5.9983	5.9980	5.9974	5.9966	5.9957	5.9948	5.9941	5.9938	5.9936
	P	2.1164	2.1144	2.1085	2.0996	2.0893	2.0785	2.0701	2.0643	2.0623
	U	9.4012	9.4168	9.4610	9.5272	9.6054	9.6838	9.7503	9.7948	9.8104
	V	-2.5116	-2.5104	-2.5071	-2.5019	-2.4958	-2.4894	-2.4839	-2.4802	-2.4788
	W	0.0	0.0821	0.1519	0.1987	0.2155	0.1995	0.1529	0.0828	0.0000
0.800	A	7.8779	7.8742	7.8636	7.8477	7.8289	7.8101	7.7941	7.7834	7.7796
	RHO	5.9690	5.9688	5.9684	5.9677	5.9669	5.9662	5.9656	5.9652	5.9651
	P	2.1020	2.1000	2.0942	2.0855	2.0752	2.0650	2.0563	2.0506	2.0485
	U	9.3661	9.3817	9.4261	9.4925	9.5710	9.6496	9.7163	9.7605	9.7766
	V	-2.7589	-2.7576	-2.7541	-2.7486	-2.7421	-2.7353	-2.7294	-2.7254	-2.7240
	W	0.0	0.0842	0.1556	0.2037	0.2208	0.2044	0.1567	0.0849	0.0000
0.900	A	7.8698	7.8660	7.8554	7.8396	7.8209	7.8021	7.7862	7.7755	7.7717
	RHO	5.9381	5.9380	5.9376	5.9371	5.9364	5.9358	5.9354	5.9351	5.9350
	P	2.0868	2.0848	2.0790	2.0705	2.0604	2.0503	2.0417	2.0360	2.0340
	U	9.3295	9.3452	9.3897	9.4563	9.5350	9.6139	9.6808	9.7256	9.7413
	V	-2.9956	-2.9942	-2.9905	-2.9848	-2.9779	-2.9708	-2.9646	-2.9604	-2.9589
	W	0.0	0.0860	0.1590	0.2080	0.2255	0.2087	0.1600	0.0867	0.0000
1.000	A	7.8611	7.8574	7.8469	7.8311	7.8124	7.7936	7.7778	7.7671	7.7634
	RHO	5.9057	5.9055	5.9053	5.9049	5.9045	5.9040	5.9036	5.9033	5.9033
	P	2.0708	2.0689	2.0632	2.0548	2.0448	2.0349	2.0265	2.0208	2.0189
THS/THC		1.1747	1.1744	1.1739	1.1730	1.1719	1.1708	1.1699	1.1693	1.1691

M=20.0, THC=52.5, ALPHA/THC=0.05, GAMMA=1.4, BETA*SIN(THC)=15.8472

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.7283	8.7545	8.8289	8.9399	9.0703	9.1957	9.3086	9.3808	9.4061
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.1655	0.3052	0.3974	0.4277	0.3922	0.2977	0.1601	0.0000
0.0	A	8.1095	8.1035	8.0865	8.0613	8.0318	8.0026	7.9782	7.9621	7.9565
	RHO	6.1344	6.1119	6.0481	5.9543	5.8462	5.7409	5.6539	5.5969	5.5772
	P	2.2891	2.2772	2.2441	2.1956	2.1400	2.0862	2.0421	2.0133	2.0034
	U	8.7280	8.7964	8.9943	9.2996	9.6749	10.0680	10.4159	10.6559	10.7416
	V	-0.1008	-0.1006	-0.0999	-0.0988	-0.0975	-0.0961	-0.0948	-0.0939	-0.0936
	W	0.0	0.2095	0.3850	0.4987	0.5339	0.4876	0.3655	0.1967	0.0000
0.025	A	8.1094	8.0941	8.0491	7.9782	7.8880	7.7856	7.6989	7.6342	7.6106
	RHO	6.1342	6.1257	6.1041	6.0787	6.0611	6.0590	6.0714	6.0878	6.0952
	P	2.2890	2.2772	2.2440	2.1955	2.1399	2.0861	2.0420	2.0132	2.0033
	U	8.7272	8.7974	8.9999	9.3102	9.6882	10.0759	10.4228	10.6575	10.7410
	V	-0.1998	-0.1993	-0.1979	-0.1958	-0.1933	-0.1906	-0.1882	-0.1865	-0.1859
	W	0.0	0.2295	0.4229	0.5505	0.5932	0.5458	0.4165	0.2251	0.0000
0.050	A	8.1092	8.0934	8.0471	7.9747	7.8835	7.7854	7.6962	7.6333	7.6105
	RHO	6.1335	6.1258	6.1063	6.0832	6.0672	6.0647	6.0748	6.0884	6.0946
	P	2.2886	2.2768	2.2437	2.1952	2.1396	2.0858	2.0417	2.0129	2.0030
	U	8.7240	8.7961	9.0033	9.3187	9.6994	10.0855	10.4276	10.6573	10.7386
	V	-0.3933	-0.3923	-0.3896	-0.3855	-0.3805	-0.3752	-0.3704	-0.3669	-0.3656
	W	0.0	0.2577	0.4763	0.6227	0.6750	0.6245	0.4755	0.2601	0.0000
0.100	A	8.1085	8.0921	8.0444	7.9702	7.8781	7.7804	7.6928	7.6318	7.6098
	RHO	6.1307	6.1240	6.1068	6.0867	6.0723	6.0653	6.0768	6.0873	6.0921
	P	2.2872	2.2754	2.2424	2.1940	2.1385	2.0847	2.0406	2.0118	2.0018
	U	8.7122	8.7862	8.9982	9.3188	9.7021	10.0911	10.4250	10.6501	10.7295
	V	-0.7624	-0.7607	-0.7557	-0.7480	-0.7382	-0.7276	-0.7177	-0.7105	-0.7079
	W	0.0	0.2969	0.5501	0.7217	0.7854	0.7301	0.5621	0.3055	0.0000
0.200	A	8.1057	8.0887	8.0394	7.9634	7.8703	7.7731	7.6875	7.6286	7.6076
	RHO	6.1205	6.1150	6.1009	6.0843	6.0720	6.0665	6.0728	6.0798	6.0830
	P	2.2818	2.2702	2.2374	2.1894	2.1341	2.0806	2.0364	2.0076	1.9977
	U	8.6940	8.7691	8.9838	9.3074	9.6926	10.0814	10.4136	10.6368	10.7154
	V	-1.1093	-1.1069	-1.1001	-1.0891	-1.0751	-1.0595	-1.0448	-1.0341	-1.0302
	W	0.0	0.3252	0.6028	0.7918	0.8628	0.8029	0.6185	0.3363	0.0000
0.300	A	8.1017	8.0842	8.0339	7.9569	7.8633	7.7666	7.6822	7.6246	7.6042
	RHO	6.1050	6.1004	6.0886	6.0745	6.0637	6.0599	6.0624	6.0672	6.0694
	P	2.2737	2.2623	2.2299	2.1823	2.1274	2.0741	2.0301	2.0014	1.9914
	U	8.6706	8.7465	8.9630	9.2888	9.6756	10.0648	10.3965	10.6189	10.6971
	V	-1.4360	-1.4331	-1.4246	-1.4109	-1.3930	-1.3730	-1.3539	-1.3401	-1.3349
	W	0.0	0.3475	0.6445	0.8468	0.9230	0.8590	0.6617	0.3597	0.0000
0.400	A	8.0964	8.0787	8.0277	7.9500	7.8561	7.7599	7.6765	7.6195	7.5998
	RHO	6.0852	6.0813	6.0715	6.0595	6.0502	6.0463	6.0474	6.0506	6.0522
	P	2.2634	2.2521	2.2202	2.1731	2.1188	2.0659	2.0221	1.9934	1.9835
	U	8.6430	8.7194	8.9374	9.2649	9.6531	10.0421	10.3750	10.5972	10.6753
	V	-1.7444	-1.7411	-1.7312	-1.7151	-1.6939	-1.6699	-1.6470	-1.6302	-1.6240
	W	0.0	0.3660	0.6788	0.8919	0.9721	0.9045	0.6965	0.3785	0.0000
0.500	A	8.0902	8.0723	8.0208	7.9426	7.8486	7.7528	7.6702	7.6144	7.5947
	RHO	6.0618	6.0587	6.0506	6.0404	6.0325	6.0286	6.0288	6.0308	6.0318
	P	2.2513	2.2402	2.2087	2.1623	2.1086	2.0561	2.0126	1.9841	1.9742
	U	8.6119	8.6888	8.9079	9.2369	9.6265	10.0175	10.3499	10.5722	10.6504
	V	-2.0362	-2.0325	-2.0215	-2.0034	-1.9793	-1.9518	-1.9255	-1.9062	-1.8991
	W	0.0	0.3817	0.7079	0.9300	1.0133	0.9425	0.7254	0.3941	0.0000
0.600	A	8.0832	8.0651	8.0133	7.9347	7.8407	7.7454	7.6635	7.6084	7.5890
	RHO	6.0356	6.0332	6.0265	6.0184	6.0115	6.0078	6.0073	6.0083	6.0089
	P	2.2377	2.2267	2.1958	2.1501	2.0970	2.0451	2.0019	1.9735	1.9637
	U	8.5780	8.6552	8.8753	9.2057	9.5966	9.9887	10.3218	10.5447	10.6230
	V	-2.3130	-2.3090	-2.2970	-2.2771	-2.2505	-2.2201	-2.1908	-2.1694	-2.1614
	W	0.0	0.3953	0.7330	0.9628	1.0486	0.9748	0.7499	0.4072	0.0000
0.700	A	8.0755	8.0573	8.0052	7.9264	7.8325	7.7376	7.6563	7.6018	7.5826
	RHO	6.0070	6.0050	6.0000	5.9935	5.9879	5.9844	5.9833	5.9835	5.9838
	P	2.2228	2.2121	2.1817	2.1367	2.0844	2.0330	1.9902	1.9620	1.9522
	U	8.5419	8.6193	8.8403	9.1718	9.5640	9.9573	10.2914	10.5149	10.5934
	V	-2.5761	-2.5718	-2.5590	-2.5377	-2.5090	-2.4759	-2.4442	-2.4208	-2.4122
	W	0.0	0.4072	0.7550	0.9913	1.0792	1.0027	0.7710	0.4185	0.0000
0.800	A	8.0672	8.0489	7.9966	7.9178	7.8239	7.7294	7.6488	7.5948	7.5758
	RHO	5.9763	5.9749	5.9712	5.9664	5.9619	5.9587	5.9572	5.9568	5.9568
	P	2.2069	2.1964	2.1666	2.1224	2.0708	2.0200	1.9776	1.9496	1.9399
	U	8.5039	8.5816	8.8033	9.1359	9.5293	9.9239	10.2591	10.4833	10.5621
	V	-2.8268	-2.8223	-2.8087	-2.7862	-2.7557	-2.7205	-2.6866	-2.6616	-2.6524
	W	0.0	0.4178	0.7744	1.0164	1.1061	1.0271	0.7894	0.4283	0.0000
0.900	A	8.0594	8.0401	7.9876	7.9087	7.8150	7.7209	7.6408	7.5873	7.5684
	RHO	5.9439	5.9430	5.9406	5.9373	5.9339	5.9312	5.9294	5.9284	5.9282
	P	2.1902	2.1799	2.1507	2.1072	2.0564	2.0062	1.9643	1.9365	1.9268
	U	8.4645	8.5425	8.7648	9.0983	9.4930	9.8888	10.2251	10.4501	10.5292
	V	-3.0661	-3.0614	-3.0472	-3.0237	-2.9917	-2.9547	-2.9190	-2.8927	-2.8830
	W	0.0	0.4272	0.7916	1.0387	1.1291	1.0487	0.8056	0.4370	0.0000
1.000	A	8.0493	8.0309	7.9783	7.8994	7.8059	7.7121	7.6325	7.5794	7.5607
	RHO	5.9100	5.9096	5.9084	5.9065	5.9043	5.9020	5.8999	5.8985	5.8980
	P	2.1727	2.1627	2.1340	2.0913	2.0414	1.9918	1.9503	1.9227	1.9131
THS/THC		1.1874	1.1864	1.1836	1.1792	1.1739	1.1684	1.1636	1.1604	1.1592

M= 6.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 4.8462

XI		PHI 0.0
	U	2.1879
	V	0.0000
	W	0.0
-0.000	A	2.6912
	RHO	5.3947
	P	2.3106
	U	2.1877
	V	-0.0471
	W	0.0
0.025	A	2.6912
	RHO	5.3943
	P	2.3104
	U	2.1869
	V	-0.0924
	W	0.0
0.050	A	2.6910
	RHO	5.3931
	P	2.3097
	U	2.1842
	V	-0.1782
	W	0.0
0.100	A	2.6906
	RHO	5.3889
	P	2.3072
	U	2.1749
	V	-0.3326
	W	0.0
0.200	A	2.6892
	RHO	5.3747
	P	2.2987
	U	2.1619
	V	-0.4677
	W	0.0
0.300	A	2.6873
	RHO	5.3555
	P	2.2872
	U	2.1465
	V	-0.5871
	W	0.0
0.400	A	2.6851
	RHO	5.3334
	P	2.2739
	U	2.1298
	V	-0.6934
	W	0.0
0.500	A	2.6826
	RHO	5.3095
	P	2.2597
	U	2.1124
	V	-0.7886
	W	0.0
0.600	A	2.6801
	RHO	5.2848
	P	2.2450
	U	2.0947
	V	-0.8744
	W	0.0
0.700	A	2.6776
	RHO	5.2597
	P	2.2301
	U	2.0770
	V	-0.9522
	W	0.0
0.800	A	2.6750
	RHO	5.2346
	P	2.2152
	U	2.0596
	V	-1.0231
	W	0.0
0.900	A	2.6725
	RHO	5.2098
	P	2.2005
	U	2.0425
	V	-1.0880
	W	0.0
1.000	A	2.6700
	RHO	5.1854
	P	2.1861

THS/THC 1.2745

M= 7.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 5.6753

XI	PHI	0.0
	U	2.7131
	V	-0.0000
	W	0.0
-0.000	A	3.0541
	RHO	5.5769
	P	2.2602
	U	2.7129
	V	-0.0486
	W	0.0
0.025	A	3.0541
	RHO	5.5765
	P	2.2600
	U	2.7123
	V	-0.0957
	W	0.0
0.050	A	3.0540
	RHO	5.5755
	P	2.2594
	U	2.7099
	V	-0.1856
	W	0.0
0.100	A	3.0536
	RHO	5.5718
	P	2.2573
	U	2.7015
	V	-0.3502
	W	0.0
0.200	A	3.0522
	RHO	5.5590
	P	2.2501
	U	2.6895
	V	-0.4974
	W	0.0
0.300	A	3.0502
	RHO	5.5411
	P	2.2399
	U	2.6750
	V	-0.6299
	W	0.0
0.400	A	3.0479
	RHO	5.5199
	P	2.2279
	U	2.6587
	V	-0.7498
	W	0.0
0.500	A	3.0453
	RHO	5.4964
	P	2.2147
	U	2.6414
	V	-0.8589
	W	0.0
0.600	A	3.0425
	RHO	5.4716
	P	2.2007
	U	2.6235
	V	-0.9587
	W	0.0
0.700	A	3.0397
	RHO	5.4460
	P	2.1863
	U	2.6053
	V	-1.0504
	W	0.0
0.800	A	3.0367
	RHO	5.4198
	P	2.1716
	U	2.5870
	V	-1.1350
	W	0.0
0.900	A	3.0338
	RHO	5.3934
	P	2.1568
	U	2.5688
	V	-1.2132
	W	0.0
1.000	A	3.0308
	RHO	5.3671
	P	2.1421

THS/THC 1.2449

M= 8.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 6.5018

XI	PHI	0.0
	U	3.1918
	V	0.0000
	W	0.0
-0.000	A	3.4297
	RHO	5.7078
	P	2.2334
	U	3.1915
	V	-0.0520
	W	0.0
0.025	A	3.4296
	RHO	5.7075
	P	2.2332
	U	3.1909
	V	-0.1025
	W	0.0
0.050	A	3.4295
	RHO	5.7066
	P	2.2327
	U	3.1886
	V	-0.1993
	W	0.0
0.100	A	3.4291
	RHO	5.7031
	P	2.2308
	U	3.1803
	V	-0.3780
	W	0.0
0.200	A	3.4276
	RHO	5.6909
	P	2.2241
	U	3.1682
	V	-0.5393
	W	0.0
0.300	A	3.4255
	RHO	5.6736
	P	2.2147
	U	3.1534
	V	-0.6857
	W	0.0
0.400	A	3.4230
	RHO	5.6529
	P	2.2034
	U	3.1368
	V	-0.8193
	W	0.0
0.500	A	3.4202
	RHO	5.6297
	P	2.1907
	U	3.1188
	V	-0.9419
	W	0.0
0.600	A	3.4172
	RHO	5.6049
	P	2.1772
	U	3.1000
	V	-1.0547
	W	0.0
0.700	A	3.4140
	RHO	5.5789
	P	2.1631
	U	3.0807
	V	-1.1590
	W	0.0
0.800	A	3.4108
	RHO	5.5523
	P	2.1486
	U	3.0611
	V	-1.2558
	W	0.0
0.900	A	3.4074
	RHO	5.5252
	P	2.1340
	U	3.0415
	V	-1.3458
	W	0.0
1.000	A	3.4040
	RHO	5.4979
	P	2.1192

THS/THC 1.2301

M=10.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)= 8.1505

XI	PHI	0.0
	U	4.1057
	V	0.0000
	W	0.0
-0.000	A	4.1987
	RHO	5.8749
	P	2.2049
	U	4.1054
	V	-0.0604
	W	0.0
0.025	A	4.1986
	RHO	5.8746
	P	2.2048
	U	4.1048
	V	-0.1193
	W	0.0
0.050	A	4.1985
	RHO	5.8737
	P	2.2043
	U	4.1023
	V	-0.2327
	W	0.0
0.100	A	4.1980
	RHO	5.8704
	P	2.2026
	U	4.0934
	V	-0.4435
	W	0.0
0.200	A	4.1964
	RHO	5.8589
	P	2.1965
	U	4.0803
	V	-0.6355
	W	0.0
0.300	A	4.1940
	RHO	5.8422
	P	2.1878
	U	4.0641
	V	-0.8113
	W	0.0
0.400	A	4.1911
	RHO	5.8219
	P	2.1771
	U	4.0456
	V	-0.9731
	W	0.0
0.500	A	4.1878
	RHO	5.7990
	P	2.1651
	U	4.0254
	V	-1.1225
	W	0.0
0.600	A	4.1842
	RHO	5.7742
	P	2.1522
	U	4.0041
	V	-1.2610
	W	0.0
0.700	A	4.1804
	RHO	5.7480
	P	2.1385
	U	3.9820
	V	-1.3899
	W	0.0
0.800	A	4.1764
	RHO	5.7209
	P	2.1244
	U	3.9595
	V	-1.5101
	W	0.0
0.900	A	4.1723
	RHO	5.6931
	P	2.1100
	U	3.9367
	V	-1.6227
	W	0.0
1.000	A	4.1682
	RHO	5.6648
	P	2.0953
THS/THC		1.2149

M=15.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=12.2599

XI		PHI 0.0
	U	6.3113
	V	0.0000
	W	0.0
-0.000	A	6.1671
	RHO	6.0547
	P	2.1790
	U	6.3111
	V	-0.0847
	W	0.0
0.025	A	6.1671
	RHO	6.0545
	P	2.1788
	U	6.3102
	V	-0.1675
	W	0.0
0.050	A	6.1669
	RHO	6.0536
	P	2.1784
	U	6.3070
	V	-0.3273
	W	0.0
0.100	A	6.1663
	RHO	6.0505
	P	2.1769
	U	6.2955
	V	-0.6263
	W	0.0
0.200	A	6.1640
	RHO	6.0394
	P	2.1713
	U	6.2783
	V	-0.9008
	W	0.0
0.300	A	6.1607
	RHO	6.0233
	P	2.1632
	U	6.2568
	V	-1.1540
	W	0.0
0.400	A	6.1566
	RHO	6.0034
	P	2.1532
	U	6.2320
	V	-1.3885
	W	0.0
0.500	A	6.1520
	RHO	5.9807
	P	2.1418
	U	6.2048
	V	-1.6065
	W	0.0
0.600	A	6.1469
	RHO	5.9560
	P	2.1294
	U	6.1757
	V	-1.8097
	W	0.0
0.700	A	6.1414
	RHO	5.9296
	P	2.1162
	U	6.1454
	V	-1.9998
	W	0.0
0.800	A	6.1357
	RHO	5.9021
	P	2.1024
	U	6.1143
	V	-2.1782
	W	0.0
0.900	A	6.1298
	RHO	5.8736
	P	2.0883
	U	6.0826
	V	-2.3460
	W	0.0
1.000	A	6.1237
	RHO	5.8446
	P	2.0738

THS/THC 1.2014

M=15.0, THC=55.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=12.2599

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	6.1276	6.1320	6.1445	6.1631	6.1850	6.2069	6.2253	6.2376	6.2420
	V	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0269	0.0496	0.0647	0.0698	0.0642	0.0490	0.0265	0.0000
0.0	A	6.2041	6.2032	6.2007	6.1970	6.1926	6.1882	6.1846	6.1821	6.1812
	RHO	6.0601	6.0558	6.0436	6.0255	6.0042	5.9831	5.9653	5.9535	5.9493
	P	2.2071	2.2049	2.1987	2.1895	2.1787	2.1680	2.1589	2.1529	2.1508
	U	6.1273	6.1407	6.1791	6.2370	6.3063	6.3757	6.4355	6.4757	6.4899
	V	-0.0857	-0.0856	-0.0854	-0.0851	-0.0848	-0.0844	-0.0841	-0.0839	-0.0838
	W	0.0	0.0367	0.0677	0.0882	0.0952	0.0876	0.0669	0.0361	0.0000
0.025	A	6.2040	6.2013	6.1937	6.1820	6.1680	6.1536	6.1417	6.1328	6.1298
	RHO	6.0598	6.0590	6.0570	6.0543	6.0519	6.0502	6.0494	6.0491	6.0491
	P	2.2070	2.2048	2.1986	2.1893	2.1785	2.1678	2.1588	2.1528	2.1507
	U	6.1264	6.1399	6.1786	6.2367	6.3058	6.3755	6.4350	6.4750	6.4891
	V	-0.1692	-0.1691	-0.1688	-0.1682	-0.1675	-0.1669	-0.1663	-0.1660	-0.1658
	W	0.0	0.0407	0.0751	0.0981	0.1060	0.0978	0.0748	0.0404	0.0000
0.050	A	6.2038	6.2011	6.1934	6.1817	6.1676	6.1533	6.1410	6.1326	6.1297
	RHO	6.0590	6.0582	6.0563	6.0538	6.0514	6.0497	6.0487	6.0484	6.0483
	P	2.2065	2.2044	2.1981	2.1889	2.1781	2.1674	2.1584	2.1524	2.1503
	U	6.1231	6.1367	6.1756	6.2340	6.3033	6.3729	6.4322	6.4720	6.4860
	V	-0.3307	-0.3305	-0.3298	-0.3287	-0.3275	-0.3262	-0.3251	-0.3244	-0.3241
	W	0.0	0.0461	0.0853	0.1114	0.1206	0.1114	0.0853	0.0462	0.0000
0.100	A	6.2032	6.2005	6.1927	6.1809	6.1668	6.1525	6.1403	6.1320	6.1291
	RHO	6.0558	6.0551	6.0533	6.0510	6.0487	6.0469	6.0459	6.0454	6.0453
	P	2.2049	2.2027	2.1966	2.1873	2.1766	2.1659	2.1569	2.1509	2.1488
	U	6.1111	6.1249	6.1640	6.2228	6.2923	6.3620	6.4212	6.4609	6.4749
	V	-0.6326	-0.6322	-0.6309	-0.6290	-0.6269	-0.6243	-0.6222	-0.6209	-0.6204
	W	0.0	0.0533	0.0986	0.1290	0.1397	0.1292	0.0990	0.0536	0.0000
0.200	A	6.2009	6.1981	6.1903	6.1784	6.1643	6.1501	6.1379	6.1297	6.1269
	RHO	6.0445	6.0439	6.0423	6.0402	6.0380	6.0363	6.0352	6.0346	6.0344
	P	2.1992	2.1970	2.1909	2.1817	2.1710	2.1604	2.1514	2.1455	2.1434
	U	6.0933	6.1072	6.1466	6.2056	6.2753	6.3452	6.4046	6.4443	6.4582
	V	-0.9095	-0.9089	-0.9071	-0.9045	-0.9013	-0.8981	-0.8952	-0.8933	-0.8926
	W	0.0	0.0583	0.1077	0.1409	0.1527	0.1413	0.1083	0.0586	0.0000
0.300	A	6.1975	6.1947	6.1869	6.1750	6.1609	6.1467	6.1346	6.1265	6.1236
	RHO	6.0280	6.0275	6.0261	6.0242	6.0222	6.0206	6.0194	6.0188	6.0186
	P	2.1908	2.1886	2.1826	2.1735	2.1629	2.1524	2.1435	2.1376	2.1355
	U	6.0711	6.0850	6.1246	6.1839	6.2540	6.3241	6.3836	6.4234	6.4374
	V	-1.1645	-1.1637	-1.1617	-1.1585	-1.1546	-1.1507	-1.1472	-1.1449	-1.1441
	W	0.0	0.0620	0.1146	0.1499	0.1625	0.1504	0.1152	0.0624	0.0000
0.400	A	6.1933	6.1906	6.1827	6.1708	6.1568	6.1426	6.1306	6.1225	6.1197
	RHO	6.0077	6.0073	6.0060	6.0043	6.0026	6.0010	5.9999	5.9993	5.9991
	P	2.1805	2.1783	2.1723	2.1634	2.1529	2.1425	2.1337	2.1279	2.1258
	U	6.0456	6.0596	6.0994	6.1589	6.2293	6.2996	6.3593	6.3993	6.4133
	V	-1.4003	-1.3995	-1.3971	-1.3936	-1.3892	-1.3847	-1.3808	-1.3781	-1.3772
	W	0.0	0.0650	0.1201	0.1572	0.1704	0.1576	0.1208	0.0654	0.0000
0.500	A	6.1885	6.1858	6.1779	6.1661	6.1523	6.1383	6.1260	6.1179	6.1151
	RHO	5.9846	5.9842	5.9831	5.9817	5.9801	5.9787	5.9776	5.9770	5.9768
	P	2.1687	2.1666	2.1607	2.1519	2.1416	2.1313	2.1226	2.1168	2.1148
	U	6.0176	6.0316	6.0716	6.1314	6.2021	6.2727	6.3326	6.3727	6.3868
	V	-1.6191	-1.6183	-1.6158	-1.6119	-1.6072	-1.6024	-1.5981	-1.5952	-1.5942
	W	0.0	0.0674	0.1247	0.1631	0.1769	0.1636	0.1253	0.0679	0.0000
0.600	A	6.1833	6.1806	6.1727	6.1609	6.1469	6.1328	6.1209	6.1129	6.1101
	RHO	5.9594	5.9590	5.9581	5.9568	5.9555	5.9542	5.9533	5.9527	5.9525
	P	2.1559	2.1539	2.1481	2.1394	2.1292	2.1190	2.1105	2.1048	2.1028
	U	5.9879	6.0019	6.0421	6.1021	6.1730	6.2439	6.3041	6.3443	6.3584
	V	-1.8229	-1.8220	-1.8194	-1.8154	-1.8105	-1.8054	-1.8009	-1.7978	-1.7967
	W	0.0	0.0695	0.1285	0.1681	0.1822	0.1686	0.1291	0.0699	0.0000
0.700	A	6.1778	6.1750	6.1671	6.1553	6.1414	6.1274	6.1155	6.1076	6.1048
	RHO	5.9326	5.9323	5.9315	5.9304	5.9292	5.9281	5.9273	5.9267	5.9266
	P	2.1424	2.1404	2.1346	2.1261	2.1163	2.1060	2.0976	2.0919	2.0900
	U	5.9569	5.9710	6.0113	6.0716	6.1427	6.2139	6.2742	6.3146	6.3288
	V	-2.0134	-2.0124	-2.0098	-2.0057	-2.0007	-1.9954	-1.9908	-1.9876	-1.9864
	W	0.0	0.0713	0.1318	0.1724	0.1868	0.1728	0.1324	0.0717	0.0000
0.800	A	6.1719	6.1692	6.1613	6.1495	6.1355	6.1217	6.1099	6.1020	6.0992
	RHO	5.9046	5.9044	5.9038	5.9028	5.9018	5.9009	5.9001	5.8996	5.8994
	P	2.1282	2.1263	2.1206	2.1122	2.1023	2.0924	2.0841	2.0785	2.0766
	U	5.9250	5.9392	5.9796	6.0401	6.1115	6.1829	6.2435	6.2840	6.2982
	V	-2.1918	-2.1909	-2.1882	-2.1841	-2.1790	-2.1737	-2.1690	-2.1658	-2.1647
	W	0.0	0.0728	0.1346	0.1761	0.1908	0.1765	0.1352	0.0732	0.0000
0.900	A	6.1659	6.1631	6.1553	6.1435	6.1297	6.1158	6.1040	6.0962	6.0934
	RHO	5.8758	5.8756	5.8751	5.8744	5.8735	5.8727	5.8720	5.8716	5.8714
	P	2.1137	2.1118	2.1062	2.0979	2.0882	2.0784	2.0702	2.0647	2.0628
	U	5.8928	5.9070	5.9475	6.0082	6.0798	6.1514	6.2122	6.2528	6.2671
	V	-2.3594	-2.3585	-2.3559	-2.3519	-2.3468	-2.3415	-2.3369	-2.3336	-2.3325
	W	0.0	0.0742	0.1371	0.1793	0.1943	0.1797	0.1377	0.0745	0.0000
1.000	A	6.1597	6.1569	6.1491	6.1374	6.1235	6.1097	6.0980	6.0902	6.0874
	RHO	5.8464	5.8462	5.8458	5.8453	5.8446	5.8438	5.8432	5.8428	5.8427
	P	2.0989	2.0970	2.0915	2.0834	2.0737	2.0641	2.0560	2.0506	2.0487
THS/THC		1.2058	1.2055	1.2046	1.2032	1.2016	1.2000	1.1986	1.1977	1.1973

M=20.0, THC=55.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=16.3625

XI	PHI	0.0
	U	8.4819
	V	0.0000
	W	0.0
-0.000	A	8.1616
	RHO	6.1214
	P	2.1703
	U	8.4816
	V	-0.1104
	W	0.0
0.025	A	8.1615
	RHO	6.1211
	P	2.1701
	U	8.4805
	V	-0.2183
	W	0.0
0.050	A	8.1613
	RHO	6.1204
	P	2.1697
	U	8.4765
	V	-0.4269
	W	0.0
0.100	A	8.1605
	RHO	6.1173
	P	2.1682
	U	8.4618
	V	-0.8179
	W	0.0
0.200	A	8.1576
	RHO	6.1064
	P	2.1628
	U	8.4399
	V	-1.1778
	W	0.0
0.300	A	8.1533
	RHO	6.0904
	P	2.1549
	U	8.4125
	V	-1.5105
	W	0.0
0.400	A	8.1480
	RHO	6.0706
	P	2.1451
	U	8.3807
	V	-1.8192
	W	0.0
0.500	A	8.1419
	RHO	6.0481
	P	2.1339
	U	8.3457
	V	-2.1068
	W	0.0
0.600	A	8.1352
	RHO	6.0233
	P	2.1217
	U	8.3083
	V	-2.3755
	W	0.0
0.700	A	8.1281
	RHO	5.9969
	P	2.1087
	U	8.2691
	V	-2.6273
	W	0.0
0.800	A	8.1206
	RHO	5.9692
	P	2.0951
	U	8.2288
	V	-2.8639
	W	0.0
0.900	A	8.1128
	RHO	5.9406
	P	2.0810
	U	8.1876
	V	-3.0869
	W	0.0
1.000	A	8.1048
	RHO	5.9112
	P	2.0667

THS/THC 1.1970

M=20.0, THC=55.0, ALPHA/THC=0.01, GAMMA=1.4, BETA*SIN(THC)=16.3625

XI	PHI	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
	U	8.2394	8.2452	8.2615	8.2858	8.3144	8.3429	8.3670	8.3830	8.3887
	V	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	W	0.0	0.0351	0.0648	0.0844	0.0913	0.0838	0.0640	0.0345	0.0000
0.0	A	8.2111	8.2100	8.2066	8.2017	8.1959	8.1901	8.1853	8.1820	8.1808
	RHO	6.1260	6.1216	6.1093	6.0910	6.0694	6.0480	6.0300	6.0181	6.0139
	P	2.1983	2.1961	2.1900	2.1808	2.1700	2.1593	2.1503	2.1443	2.1422
	U	8.2391	8.2568	8.3075	8.3840	8.4751	8.5672	8.6461	8.6992	8.7179
	V	-0.1116	-0.1115	-0.1112	-0.1109	-0.1104	-0.1100	-0.1096	-0.1093	-0.1093
	W	0.0	0.0481	0.0887	0.1155	0.1247	0.1148	0.0877	0.0474	0.0000
0.025	A	8.2110	8.2074	8.1971	8.1815	8.1627	8.1434	8.1268	8.1156	8.1116
	RHO	6.1257	6.1250	6.1231	6.1207	6.1185	6.1172	6.1166	6.1166	6.1166
	P	2.1982	2.1960	2.1898	2.1806	2.1698	2.1591	2.1501	2.1442	2.1421
	U	8.2380	8.2558	8.3068	8.3836	8.4749	8.5669	8.6455	8.6983	8.7169
	V	-0.2205	-0.2204	-0.2199	-0.2192	-0.2183	-0.2175	-0.2168	-0.2163	-0.2161
	W	0.0	0.0534	0.0986	0.1286	0.1393	0.1283	0.0981	0.0530	0.0000
0.050	A	8.2108	8.2072	8.1968	8.1811	8.1622	8.1430	8.1265	8.1153	8.1113
	RHO	6.1249	6.1242	6.1224	6.1202	6.1181	6.1167	6.1161	6.1159	6.1159
	P	2.1978	2.1956	2.1894	2.1802	2.1694	2.1587	2.1498	2.1438	2.1417
	U	8.2338	8.2518	8.3031	8.3802	8.4717	8.5636	8.6420	8.6946	8.7130
	V	-0.4312	-0.4309	-0.4300	-0.4287	-0.4271	-0.4254	-0.4241	-0.4231	-0.4228
	W	0.0	0.0606	0.1120	0.1463	0.1584	0.1464	0.1121	0.0607	0.0000
0.100	A	8.2100	8.2063	8.1959	8.1801	8.1612	8.1420	8.1256	8.1145	8.1105
	RHO	6.1217	6.1211	6.1195	6.1174	6.1154	6.1140	6.1132	6.1129	6.1129
	P	2.1962	2.1940	2.1879	2.1787	2.1679	2.1573	2.1483	2.1423	2.1402
	U	8.2186	8.2367	8.2884	8.3660	8.4578	8.5498	8.6281	8.6804	8.6989
	V	-0.8260	-0.8254	-0.8238	-0.8213	-0.8183	-0.8152	-0.8126	-0.8108	-0.8102
	W	0.0	0.0702	0.1298	0.1697	0.1839	0.1701	0.1303	0.0706	0.0000
0.200	A	8.2070	8.2033	8.1928	8.1769	8.1583	8.1389	8.1226	8.1116	8.1077
	RHO	6.1106	6.1101	6.1087	6.1068	6.1050	6.1035	6.1027	6.1022	6.1022
	P	2.1906	2.1885	2.1823	2.1732	2.1625	2.1519	2.1430	2.1370	2.1350
	U	8.1959	8.2142	8.2662	8.3441	8.4362	8.5285	8.6068	8.6593	8.6777
	V	-1.1889	-1.1881	-1.1859	-1.1825	-1.1784	-1.1741	-1.1705	-1.1680	-1.1671
	W	0.0	0.0768	0.1420	0.1857	0.2012	0.1862	0.1427	0.0773	0.0000
0.300	A	8.2026	8.1989	8.1883	8.1724	8.1535	8.1345	8.1183	8.1074	8.1036
	RHO	6.0943	6.0939	6.0926	6.0910	6.0893	6.0879	6.0871	6.0866	6.0865
	P	2.1824	2.1803	2.1742	2.1652	2.1546	2.1441	2.1353	2.1294	2.1273
	U	8.1676	8.1859	8.2382	8.3165	8.4089	8.5015	8.5800	8.6326	8.6510
	V	-1.5240	-1.5231	-1.5204	-1.5162	-1.5112	-1.5061	-1.5016	-1.4985	-1.4975
	W	0.0	0.0818	0.1512	0.1978	0.2144	0.1984	0.1520	0.0823	0.0000
0.400	A	8.1972	8.1935	8.1829	8.1670	8.1482	8.1292	8.1130	8.1022	8.0984
	RHO	6.0742	6.0738	6.0727	6.0712	6.0698	6.0686	6.0677	6.0673	6.0671
	P	2.1723	2.1702	2.1643	2.1553	2.1449	2.1345	2.1257	2.1199	2.1178
	U	8.1349	8.1533	8.2058	8.2844	8.3773	8.4702	8.5490	8.6016	8.6202
	V	-1.8346	-1.8336	-1.8305	-1.8258	-1.8201	-1.8143	-1.8091	-1.8056	-1.8044
	W	0.0	0.0858	0.1586	0.2075	0.2249	0.2081	0.1595	0.0864	0.0000
0.500	A	8.1909	8.1872	8.1767	8.1608	8.1420	8.1231	8.1070	8.0962	8.0924
	RHO	6.0512	6.0508	6.0499	6.0487	6.0474	6.0463	6.0455	6.0451	6.0450
	P	2.1608	2.1587	2.1529	2.1441	2.1337	2.1235	2.1148	2.1090	2.1070
	U	8.0989	8.1174	8.1701	8.2491	8.3423	8.4355	8.5146	8.5675	8.5861
	V	-2.1235	-2.1223	-2.1190	-2.1140	-2.1078	-2.1014	-2.0958	-2.0919	-2.0906
	W	0.0	0.0891	0.1648	0.2155	0.2336	0.2161	0.1656	0.0897	0.0000
0.600	A	8.1841	8.1804	8.1699	8.1540	8.1352	8.1164	8.1004	8.0897	8.0859
	RHO	6.0259	6.0257	6.0249	6.0239	6.0228	6.0218	6.0211	6.0208	6.0206
	P	2.1482	2.1462	2.1404	2.1317	2.1215	2.1114	2.1028	2.0971	2.0951
	U	8.0605	8.0791	8.1321	8.2114	8.3049	8.3985	8.4779	8.5309	8.5495
	V	-2.3930	-2.3918	-2.3884	-2.3830	-2.3765	-2.3698	-2.3638	-2.3597	-2.3583
	W	0.0	0.0919	0.1700	0.2223	0.2409	0.2229	0.1708	0.0925	0.0000
0.700	A	8.1768	8.1731	8.1626	8.1467	8.1280	8.1093	8.0933	8.0827	8.0789
	RHO	5.9991	5.9988	5.9983	5.9974	5.9965	5.9957	5.9951	5.9947	5.9946
	P	2.1378	2.1328	2.1271	2.1186	2.1085	2.0985	2.0901	2.0844	2.0825
	U	8.0205	8.0391	8.0923	8.1718	8.2657	8.3597	8.4393	8.4925	8.5112
	V	-2.6453	-2.6441	-2.6405	-2.6351	-2.6283	-2.6213	-2.6152	-2.6109	-2.6094
	W	0.0	0.0943	0.1744	0.2281	0.2472	0.2286	0.1752	0.0949	0.0000
0.800	A	8.1691	8.1654	8.1549	8.1391	8.1205	8.1018	8.0859	8.0753	8.0715
	RHO	5.9710	5.9709	5.9704	5.9697	5.9690	5.9683	5.9678	5.9675	5.9674
	P	2.1209	2.1189	2.1133	2.1048	2.0949	2.0851	2.0767	2.0712	2.0692
	U	7.9793	7.9980	8.0513	8.1311	8.2253	8.3196	8.3995	8.4529	8.4717
	V	-2.8821	-2.8809	-2.8773	-2.8718	-2.8650	-2.8579	-2.8516	-2.8473	-2.8457
	W	0.0	0.0964	0.1782	0.2331	0.2526	0.2336	0.1790	0.0969	0.0000
0.900	A	8.1612	8.1575	8.1470	8.1312	8.1125	8.0940	8.0782	8.0676	8.0639
	RHO	5.9420	5.9419	5.9415	5.9410	5.9404	5.9399	5.9395	5.9392	5.9391
	P	2.1065	2.1045	2.0990	2.0907	2.0809	2.0712	2.0630	2.0575	2.0555
	U	7.9373	7.9561	8.0096	8.0897	8.1842	8.2787	8.3589	8.4125	8.4313
	V	-3.1050	-3.1038	-3.1002	-3.0947	-3.0879	-3.0808	-3.0745	-3.0701	-3.0686
	W	0.0	0.0982	0.1816	0.2375	0.2573	0.2380	0.1823	0.0987	0.0000
1.000	A	8.1530	8.1493	8.1388	8.1231	8.1045	8.0860	8.0703	8.0597	8.0560
	RHO	5.9123	5.9122	5.9120	5.9116	5.9112	5.9108	5.9104	5.9102	5.9102
	P	2.0917	2.0898	2.0843	2.0762	2.0665	2.0570	2.0488	2.0434	2.0415
THS/THC		1.2012	1.2009	1.2000	1.1987	1.1972	1.1956	1.1942	1.1933	1.1930

M=15.0, THC=57.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=12.5521

XI	PHI	0.0
	U	5.1077
	V	0.0000
	W	0.0
-0.000	A	6.3861
	RHO	6.0643
	P	2.2325
	U	5.1071
	V	-0.1056
	W	0.0
0.025	A	6.3860
	RHO	6.0639
	P	2.2323
	U	5.1055
	V	-0.2071
	W	0.0
0.050	A	6.3858
	RHO	6.0627
	P	2.2317
	U	5.0997
	V	-0.3993
	W	0.0
0.100	A	6.3849
	RHO	6.0584
	P	2.2295
	U	5.0797
	V	-0.7447
	W	0.0
0.200	A	6.3819
	RHO	6.0442
	P	2.2221
	U	5.0520
	V	-1.0468
	W	0.0
0.300	A	6.3778
	RHO	6.0249
	P	2.2122
	U	5.0194
	V	-1.3133
	W	0.0
0.400	A	6.3731
	RHO	6.0027
	P	2.2008
	U	4.9840
	V	-1.5502
	W	0.0
0.500	A	6.3680
	RHO	5.9788
	P	2.1885
	U	4.9471
	V	-1.7622
	W	0.0
0.600	A	6.3627
	RHO	5.9540
	P	2.1759
	U	4.9098
	V	-1.9531
	W	0.0
0.700	A	6.3574
	RHO	5.9289
	P	2.1631
	U	4.8726
	V	-2.1260
	W	0.0
0.800	A	6.3520
	RHO	5.9040
	P	2.1503
	U	4.8359
	V	-2.2833
	W	0.0
0.900	A	6.3467
	RHO	5.8793
	P	2.1377
	U	4.8001
	V	-2.4272
	W	0.0
1.000	A	6.3414
	RHO	5.8550
	P	2.1254
THS/THC		1.2515

M=20.0, THC=57.0, ALPHA/THC=0.0 , GAMMA=1.4, BETA*SIN(THC)=16.7524

XI	PHI	0.0
	U	6.9779
	V	C.0000
	W	0.0
-0.000	A	8.4417
	RHO	6.1264
	P	2.2168
	U	6.9772
	V	-C.1347
	W	0.0
0.025	A	8.4416
	RHO	6.1260
	P	2.2166
	U	6.9754
	V	-0.2647
	W	0.0
0.050	A	8.4413
	RHO	6.1249
	P	2.2160
	U	6.9684
	V	-C.5114
	W	C.0
0.100	A	8.4401
	RHO	6.1209
	P	2.2140
	U	6.9441
	V	-C.9580
	W	0.0
0.200	A	8.4364
	RHO	6.1072
	P	2.2070
	U	6.9101
	V	-1.3517
	W	0.0
0.300	A	8.4312
	RHO	6.0884
	P	2.1976
	U	6.8697
	V	-1.7015
	W	C.0
0.400	A	8.4251
	RHO	6.0665
	P	2.1865
	U	6.8254
	V	-2.0146
	W	0.0
0.500	A	8.4185
	RHO	6.0428
	P	2.1745
	U	6.7789
	V	-2.2965
	W	0.0
0.600	A	8.4116
	RHO	6.0180
	P	2.1620
	U	6.7314
	V	-2.5517
	W	0.0
0.700	A	8.4045
	RHO	5.9926
	P	2.1493
	U	6.6837
	V	-2.7840
	W	C.0
0.800	A	8.3974
	RHO	5.9673
	P	2.1366
	U	6.6365
	V	-2.9963
	W	0.0
0.900	A	8.3902
	RHO	5.9420
	P	2.1239
	U	6.5901
	V	-3.1913
	W	0.0
1.000	A	8.3832
	RHO	5.9170
	P	2.1114

THS/THC 1.2414

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