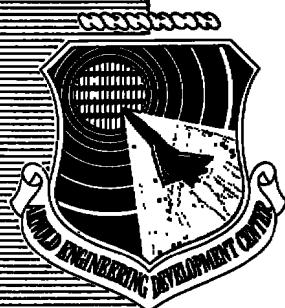


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**TABLES OF EQUILIBRIUM THERMODYNAMIC
PROPERTIES OF ARGON
VOLUME I. CONSTANT TEMPERATURE**

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

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March 1969

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AEDC-TR-69-19, March 1969
Volumes I and II

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF ARGON

Herbert S. Brahinsky and Charles A. Neel

Arnold Engineering Development Center
Air Force Systems Command
Arnold Air Force Station, Tennessee

VOLUME I: CONSTANT TEMPERATURE

The density range of these data is between a log ρ of -5.0 and 2.4. This error should be changed on pages iii, vii, and Form DD 1473.

VOLUME II: CONSTANT PRESSURE

The pressure range of these data is between a log P of -4.9 and 4.2. This error should be changed on pages iii, vii, and Form DD 1473.

TABLES OF EQUILIBRIUM THERMODYNAMIC
PROPERTIES OF ARGON
VOLUME I. CONSTANT TEMPERATURE

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FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F, Task 7778.

The tabulations were made by ARO, Inc. (a subsidiary of Sverdrup & Parcel and Associates, Inc.), contract operator of AEDC under Contract F40600-69-C-0001. They were made between January 1966 and January 1968 under ARO Project No. VJ3921, and the manuscript was submitted for publication on December 16, 1968.

This technical report has been reviewed and is approved.

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Director of Plans
and Technology

ABSTRACT

Equilibrium thermodynamic data are presented for argon from a temperature of 300 to 35,000°K and from a $\log \rho$ of -7.0 to 2.4, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are Z , E/RT , H/RT , S/R , $\log P$, and Z^* . Several sources were used in assembling the data.

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NOMENCLATURE

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

ρ	Density, amagats
ρ_0	Reference density, 1 amagat; the density at 1 atm of pressure and 273.15°K

CONSTANTS FOR USE WITH ARGON TABLES

$$T_0 = 273.15^\circ\text{K}$$

$$\text{Gravitational Constant} = 32.174 \text{ ft/sec}^2$$

$$1 \text{ Btu} = 778.158 \text{ ft-lb}$$

$$1 \text{ gm-cal} = 42,692.8 \text{ gm-cm}$$

$$1 \text{ lb/ft}^3 = 62.4283 \text{ gm/cm}^3$$

$$P_0 = 1.0 \text{ atm}$$

$$= 1.03323 \times 10^3 \text{ gm/cm}^2$$

$$= 14.6959 \text{ psi}$$

$$= 2116.22 \text{ psf}$$

$$= 760 \text{ mm Hg}$$

$$= 1.013246 \times 10^5 \text{ newtons/m}^2$$

$$\gamma = 1.6666 \text{ for AA calculation}$$

$$\text{AA} = 1010.259 \text{ ft/sec}$$

$$= 307.927 \text{ m/sec}$$

$$\text{Molecular Weight} = 39.944$$

$$R = 1.98719 \text{ gm-cal/gm-mole } ^\circ\text{K}$$

$$\text{or Btu/lb-mole } ^\circ\text{R}$$

$$= 4.97494 \times 10^{-2} \text{ gm-cal/gm } ^\circ\text{K}$$

$$\text{or Btu/lb } ^\circ\text{R}$$

$$= 2241.988 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{K}$$

$$= 1245.549 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{R}$$

$$= 3.66099 \times 10^{-3} \text{ atm/amagat } ^\circ\text{K}$$

$$\rho_0 = 1.0 \text{ amagat}$$

$$= 4.45864 \times 10^{-5} \text{ gm-mole/cm}^3$$

$$= 1.78096 \times 10^{-3} \text{ gm/cm}^3$$

$$= 1.11182 \times 10^{-1} \text{ lb/ft}^3$$

$$= 3.45565 \times 10^{-3} \text{ slugs/ft}^3$$

DISCUSSION

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

The data presented in this volume are in the same format as the NBS data; however, all sources have been assembled in one table. These are then the basic data which will be used to generate all other data in the other formats.

Table I presents these data from 300 to 35,000°K in varying increments over a density range between a $\log \rho$ of -7.0 and a $\log \rho$ of 2.4 in increments of 0.2 in $\log \rho$, where density is in amagats. Each set of data is at a constant temperature with density incremented. The dependent parameters are Z , E/RT , H/RT , $\log P$, and Z^* in that order. Constants for reducing the data to various dimensional units are found in the nomenclature.

REFERENCES

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2. Little, W. J. "Tables of Thermodynamic Properties of Argon from 100 to 3000°K." AEDC-TDR-64-48 (AD442305), April 1964.
3. Din, F. Thermodynamic Functions of Gases, Vol. 2. Butterworths Scientific Publications, London, 1956.
4. Lewis, C. H. and Neel, C. A. "Specific Heat and Speed of Sound Data for Imperfect Air." AEDC-TDR-64-36 (AD600469), May 1964.

TABLE I
THERMODYNAMIC DATA AT CONSTANT TEMPERATURE FOR ARGON

T= 300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	30.0460	-4.9593	1.00000
-4.80	1.0000	1.5000	2.5000	29.5855	-4.7593	1.00000
-4.60	1.0000	1.5000	2.5000	29.1250	-4.5593	1.00000
-4.40	1.0000	1.5000	2.5000	28.6645	-4.3593	1.00000
-4.20	1.0000	1.5000	2.5000	28.2040	-4.1593	1.00000
-4.00	1.0000	1.5000	2.5000	27.7434	-3.9593	1.00000
-3.80	1.0000	1.5000	2.5000	27.2829	-3.7593	1.00000
-3.60	1.0000	1.5000	2.5000	26.8224	-3.5593	1.00000
-3.40	1.0000	1.5000	2.5000	26.3619	-3.3593	1.00000
-3.20	1.0000	1.5000	2.5000	25.9014	-3.1593	1.00000
-3.00	1.0000	1.5000	2.5000	25.4409	-2.9593	1.00000
-2.80	1.0000	1.5000	2.5000	24.9803	-2.7593	1.00000
-2.60	1.0000	1.5000	2.5000	24.5198	-2.5593	1.00000
-2.40	1.0000	1.5000	2.5000	24.0593	-2.3593	1.00000
-2.20	1.0000	1.5000	2.5000	23.5988	-2.1593	1.00000
-2.00	1.0000	1.5000	2.5000	23.1383	-1.9593	1.00000
-1.80	1.0000	1.5000	2.4999	22.6777	-1.7593	1.00000
-1.60	1.0000	1.4999	2.4999	22.2172	-1.5593	1.00000
-1.40	1.0000	1.4999	2.4999	21.7567	-1.3593	1.00000
-1.20	1.0000	1.4998	2.4998	21.2961	-1.1593	1.00000
-1.00	0.9999	1.4997	2.4997	20.8355	-0.9593	1.00000
-0.80	0.9999	1.4996	2.4995	20.3749	-0.7593	1.00000
-0.60	0.9998	1.4993	2.4991	19.9142	-0.5594	1.00000
-0.40	0.9997	1.4989	2.4986	19.4534	-0.3594	1.00000
-0.20	0.9996	1.4983	2.4978	18.9924	-0.1595	1.00000
0.0	0.9993	1.4973	2.4965	18.5311	0.0404	1.00000
0.20	0.9989	1.4957	2.4946	18.0694	0.2402	1.00000
0.40	0.9982	1.4932	2.4914	17.6070	0.4400	1.00000
0.60	0.9972	1.4892	2.4864	17.1435	0.6395	1.00000
0.80	0.9956	1.4828	2.4784	16.6783	0.8388	1.00000
1.00	0.9930	1.4728	2.4658	16.2103	1.0377	1.00000
1.20	0.9890	1.4568	2.4458	15.7380	1.2359	1.00000
1.40	0.9825	1.4316	2.4141	15.2588	1.4331	1.00000
1.60	0.9723	1.3916	2.3639	14.7687	1.6285	1.00000
1.80	0.9561	1.3282	2.2843	14.2616	1.8212	1.00000
2.00	0.9304	1.2277	2.1581	13.7279	2.0094	1.00000
2.20	0.9504	1.1112	2.0616	13.1529	2.1899	1.00000
2.40	0.9855	0.9526	1.9382	12.5153	2.3572	1.00000

T= 400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	30.4775	-4.8343	1.00000
-4.80	1.0000	1.5000	2.5000	30.0170	-4.6343	1.00000
-4.60	1.0000	1.5000	2.5000	29.5565	-4.4343	1.00000
-4.40	1.0000	1.5000	2.5000	29.0960	-4.2343	1.00000
-4.20	1.0000	1.5000	2.5000	28.6355	-4.0343	1.00000
-4.00	1.0000	1.5000	2.5000	28.1750	-3.8343	1.00000
-3.80	1.0000	1.5000	2.5000	27.7144	-3.6343	1.00000
-3.60	1.0000	1.5000	2.5000	27.2539	-3.4343	1.00000
-3.40	1.0000	1.5000	2.5000	26.7934	-3.2343	1.00000
-3.20	1.0000	1.5000	2.5000	26.3329	-3.0343	1.00000
-3.00	1.0000	1.5000	2.5000	25.8724	-2.8343	1.00000
-2.80	1.0000	1.5000	2.5000	25.4119	-2.6343	1.00000
-2.60	1.0000	1.5000	2.5000	24.9514	-2.4343	1.00000

T= 400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	24.4908	-2.2343	1.00000
-2.20	1.0000	1.5000	2.5000	24.0303	-2.0343	1.00000
-2.00	1.0000	1.5000	2.5000	23.5698	-1.8343	1.00000
-1.80	1.0000	1.5000	2.5000	23.1093	-1.6343	1.00000
-1.60	1.0000	1.4999	2.4999	22.6487	-1.4343	1.00000
-1.40	1.0000	1.4999	2.4999	22.1882	-1.2343	1.00000
-1.20	1.0000	1.4999	2.4999	21.7276	-1.0343	1.00000
-1.00	1.0000	1.4998	2.4998	21.2670	-0.8343	1.00000
-0.80	1.0000	1.4997	2.4997	20.8064	-0.6343	1.00000
-0.60	1.0000	1.4995	2.4995	20.3457	-0.4343	1.00000
-0.40	1.0000	1.4992	2.4992	19.8849	-0.2343	1.00000
-0.20	1.0000	1.4988	2.4988	19.4240	-0.0343	1.00000
0.0	1.0000	1.4981	2.4981	18.9628	0.1656	1.00000
0.20	0.9999	1.4970	2.4970	18.5012	0.3656	1.00000
0.40	0.9999	1.4953	2.4952	18.0390	0.5656	1.00000
0.60	0.9999	1.4925	2.4924	17.5758	0.7656	1.00000
0.80	0.9998	1.4881	2.4879	17.1110	0.9656	1.00000
1.00	0.9996	1.4812	2.4809	16.6436	1.1655	1.00000
1.20	0.9994	1.4702	2.4697	16.1723	1.3654	1.00000
1.40	0.9991	1.4528	2.4519	15.6948	1.5653	1.00000
1.60	0.9986	1.4253	2.4238	15.2072	1.7650	1.00000
1.80	0.9978	1.3815	2.3793	14.7038	1.9647	1.00000
2.00	0.9964	1.3123	2.3087	14.1753	2.1641	1.00000
2.20	1.0459	1.2282	2.2741	13.6071	2.3632	1.00000
2.40	1.1270	1.0844	2.2114	12.9758	2.5618	1.00000

T= 500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	30.8123	-4.7374	1.00000
-4.80	1.0000	1.5000	2.5000	30.3517	-4.5374	1.00000
-4.60	1.0000	1.5000	2.5000	29.8912	-4.3374	1.00000
-4.40	1.0000	1.5000	2.5000	29.4307	-4.1374	1.00000
-4.20	1.0000	1.5000	2.5000	28.9702	-3.9374	1.00000
-4.00	1.0000	1.5000	2.5000	28.5097	-3.7374	1.00000
-3.80	1.0000	1.5000	2.5000	28.0492	-3.5374	1.00000
-3.60	1.0000	1.5000	2.5000	27.5887	-3.3374	1.00000
-3.40	1.0000	1.5000	2.5000	27.1281	-3.1374	1.00000
-3.20	1.0000	1.5000	2.5000	26.6676	-2.9374	1.00000
-3.00	1.0000	1.5000	2.5000	26.2071	-2.7374	1.00000
-2.80	1.0000	1.5000	2.5000	25.7466	-2.5374	1.00000
-2.60	1.0000	1.5000	2.5000	25.2861	-2.3374	1.00000
-2.40	1.0000	1.5000	2.5000	24.8255	-2.1374	1.00000
-2.20	1.0000	1.5000	2.5000	24.3650	-1.9374	1.00000
-2.00	1.0000	1.5000	2.5000	23.9045	-1.7374	1.00000
-1.80	1.0000	1.5000	2.5000	23.4440	-1.5374	1.00000
-1.60	1.0000	1.5000	2.5000	22.9834	-1.3374	1.00000
-1.40	1.0000	1.4999	2.5000	22.5229	-1.1374	1.00000
-1.20	1.0000	1.4999	2.4999	22.0623	-0.9374	1.00000
-1.00	1.0000	1.4999	2.4999	21.6018	-0.7374	1.00000
-0.80	1.0000	1.4998	2.4998	21.1412	-0.5374	1.00000
-0.60	1.0001	1.4996	2.4997	20.6805	-0.3374	1.00000
-0.40	1.0001	1.4994	2.4996	20.2197	-0.1374	1.00000
-0.20	1.0002	1.4991	2.4993	19.7588	0.0627	1.00000
0.0	1.0003	1.4986	2.4989	19.2976	0.2627	1.00000

T= 500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0005	1.4978	2.4983	18.8361	0.4628	1.00000
0.40	1.0008	1.4965	2.4973	18.3740	0.6629	1.00000
0.60	1.0013	1.4944	2.4957	17.9109	0.8631	1.00000
0.80	1.0021	1.4911	2.4932	17.4464	1.0635	1.00000
1.00	1.0033	1.4859	2.4892	16.9795	1.2640	1.00000
1.20	1.0052	1.4777	2.4829	16.5088	1.4648	1.00000
1.40	1.0082	1.4647	2.4729	16.0323	1.6661	1.00000
1.60	1.0130	1.4441	2.4571	15.5464	1.8682	1.00000
1.80	1.0206	1.4113	2.4320	15.0456	2.0714	1.00000
2.00	1.0327	1.3595	2.3922	14.5215	2.2765	1.00000
2.20	1.0829	1.2850	2.3679	13.9605	2.4845	1.00000
2.40	1.1612	1.1795	2.3407	13.3413	2.7275	1.00000

T= 600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	31.0857	-4.6582	1.00000
-4.80	1.0000	1.5000	2.5000	30.6252	-4.4582	1.00000
-4.60	1.0000	1.5000	2.5000	30.1647	-4.2582	1.00000
-4.40	1.0000	1.5000	2.5000	29.7042	-4.0582	1.00000
-4.20	1.0000	1.5000	2.5000	29.2437	-3.8582	1.00000
-4.00	1.0000	1.5000	2.5000	28.7832	-3.6582	1.00000
-3.80	1.0000	1.5000	2.5000	28.3226	-3.4582	1.00000
-3.60	1.0000	1.5000	2.5000	27.8621	-3.2582	1.00000
-3.40	1.0000	1.5000	2.5000	27.4016	-3.0582	1.00000
-3.20	1.0000	1.5000	2.5000	26.9411	-2.8582	1.00000
-3.00	1.0000	1.5000	2.5000	26.4806	-2.6582	1.00000
-2.80	1.0000	1.5000	2.5000	26.0201	-2.4582	1.00000
-2.60	1.0000	1.5000	2.5000	25.5596	-2.2582	1.00000
-2.40	1.0000	1.5000	2.5000	25.0990	-2.0582	1.00000
-2.20	1.0000	1.5000	2.5000	24.6385	-1.8582	1.00000
-2.00	1.0000	1.5000	2.5000	24.1780	-1.6582	1.00000
-1.80	1.0000	1.5000	2.5000	23.7175	-1.4582	1.00000
-1.60	1.0000	1.5000	2.5000	23.2569	-1.2582	1.00000
-1.40	1.0000	1.5000	2.5000	22.7964	-1.0582	1.00000
-1.20	1.0000	1.4999	2.5000	22.3358	-0.8582	1.00000
-1.00	1.0001	1.4999	2.4999	21.8753	-0.6582	1.00000
-0.80	1.0001	1.4998	2.4999	21.4147	-0.4582	1.00000
-0.60	1.0001	1.4997	2.4999	20.9540	-0.2582	1.00000
-0.40	1.0002	1.4996	2.4998	20.4932	-0.0581	1.00000
-0.20	1.0003	1.4993	2.4996	20.0323	0.1419	1.00000
0.0	1.0005	1.4989	2.4994	19.5712	0.3420	1.00000
0.20	1.0009	1.4982	2.4991	19.1097	0.5421	1.00000
0.40	1.0014	1.4972	2.4986	18.6477	0.7423	1.00000
0.60	1.0022	1.4956	2.4978	18.1847	0.9427	1.00000
0.80	1.0035	1.4930	2.4965	17.7203	1.1433	1.00000
1.00	1.0055	1.4890	2.4945	17.2537	1.3441	1.00000
1.20	1.0088	1.4825	2.4913	16.7835	1.5455	1.00000
1.40	1.0139	1.4723	2.4862	16.3077	1.7477	1.00000
1.60	1.0220	1.4561	2.4781	15.8230	1.9512	1.00000
1.80	1.0349	1.4304	2.4653	15.3243	2.1566	1.00000
2.00	1.0553	1.3897	2.4450	14.8035	2.3651	1.00000
2.20	1.1035	1.3290	2.4640	14.2482	2.5865	1.00000
2.40	1.1835	1.2465	2.4300	13.6394	2.8149	1.00000

T= 700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	31.3170	-4.5913	1.00000
-4.80	1.0000	1.5000	2.5000	30.8564	-4.3913	1.00000
-4.60	1.0000	1.5000	2.5000	30.3959	-4.1913	1.00000
-4.40	1.0000	1.5000	2.5000	29.9354	-3.9913	1.00000
-4.20	1.0000	1.5000	2.5000	29.4749	-3.7913	1.00000
-4.00	1.0000	1.5000	2.5000	29.0144	-3.5913	1.00000
-3.80	1.0000	1.5000	2.5000	28.5539	-3.3913	1.00000
-3.60	1.0000	1.5000	2.5000	28.0934	-3.1913	1.00000
-3.40	1.0000	1.5000	2.5000	27.6328	-2.9913	1.00000
-3.20	1.0000	1.5000	2.5000	27.1723	-2.7913	1.00000
-3.00	1.0000	1.5000	2.5000	26.7118	-2.5913	1.00000
-2.80	1.0000	1.5000	2.5000	26.2513	-2.3913	1.00000
-2.60	1.0000	1.5000	2.5000	25.7908	-2.1913	1.00000
-2.40	1.0000	1.5000	2.5000	25.3302	-1.9913	1.00000
-2.20	1.0000	1.5000	2.5000	24.8697	-1.7913	1.00000
-2.00	1.0000	1.5000	2.5000	24.4092	-1.5913	1.00000
-1.80	1.0000	1.5000	2.5000	23.9487	-1.3913	1.00000
-1.60	1.0000	1.5000	2.5000	23.4882	-1.1913	1.00000
-1.40	1.0000	1.5000	2.5000	23.0276	-0.9913	1.00000
-1.20	1.0000	1.4999	2.5000	22.5671	-0.7913	1.00000
-1.00	1.0001	1.4999	2.5000	22.1065	-0.5913	1.00000
-0.80	1.0001	1.4999	2.5000	21.6459	-0.3912	1.00000
-0.60	1.0002	1.4998	2.4999	21.1852	-0.1912	1.00000
-0.40	1.0003	1.4996	2.4999	20.7245	0.0088	1.00000
-0.20	1.0004	1.4994	2.4999	20.2636	0.2089	1.00000
0.0	1.0007	1.4991	2.4998	19.8025	0.4090	1.00000
0.20	1.0011	1.4985	2.4997	19.3410	0.6092	1.00000
0.40	1.0018	1.4977	2.4995	18.8790	0.8095	1.00000
0.60	1.0028	1.4964	2.4992	18.4162	1.0099	1.00000
0.80	1.0044	1.4944	2.4988	17.9519	1.2106	1.00000
1.00	1.0071	1.4911	2.4981	17.4855	1.4117	1.00000
1.20	1.0112	1.4858	2.4970	17.0157	1.6135	1.00000
1.40	1.0177	1.4775	2.4953	16.5404	1.8163	1.00000
1.60	1.0281	1.4644	2.4925	16.0566	2.0207	1.00000
1.80	1.0445	1.4436	2.4881	15.5594	2.2276	1.00000
2.00	1.0706	1.4106	2.4812	15.0413	2.4383	1.00000
2.20	1.1192	1.3620	2.4812	14.4906	2.6576	1.00000
2.40	1.2013	1.2932	2.4945	13.8900	2.8882	1.00000

T= 800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	31.5173	-4.5333	1.00000
-4.80	1.0000	1.5000	2.5000	31.0567	-4.3333	1.00000
-4.60	1.0000	1.5000	2.5000	30.5962	-4.1333	1.00000
-4.40	1.0000	1.5000	2.5000	30.1357	-3.9333	1.00000
-4.20	1.0000	1.5000	2.5000	29.6752	-3.7333	1.00000
-4.00	1.0000	1.5000	2.5000	29.2147	-3.5333	1.00000
-3.80	1.0000	1.5000	2.5000	28.7542	-3.3333	1.00000
-3.60	1.0000	1.5000	2.5000	28.2937	-3.1333	1.00000
-3.40	1.0000	1.5000	2.5000	27.8331	-2.9333	1.00000
-3.20	1.0000	1.5000	2.5000	27.3726	-2.7333	1.00000
-3.00	1.0000	1.5000	2.5000	26.9121	-2.5333	1.00000
-2.80	1.0000	1.5000	2.5000	26.4516	-2.3333	1.00000
-2.60	1.0000	1.5000	2.5000	25.9911	-2.1333	1.00000

T= 800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	25.5305	-1.9333	1.00000
-2.20	1.0000	1.5000	2.5000	25.0700	-1.7333	1.00000
-2.00	1.0000	1.5000	2.5000	24.6095	-1.5333	1.00000
-1.80	1.0000	1.5000	2.5000	24.1490	-1.3333	1.00000
-1.60	1.0000	1.5000	2.5000	23.6885	-1.1333	1.00000
-1.40	1.0000	1.5000	2.5000	23.2279	-0.9333	1.00000
-1.20	1.0000	1.4999	2.5000	22.7674	-0.7333	1.00000
-1.00	1.0001	1.4999	2.5000	22.3068	-0.5333	1.00000
-0.80	1.0001	1.4999	2.5000	21.8462	-0.3333	1.00000
-0.60	1.0002	1.4998	2.5000	21.3855	-0.1332	1.00000
-0.40	1.0003	1.4997	2.5000	20.9248	0.0668	1.00000
-0.20	1.0005	1.4995	2.5000	20.4639	0.2669	1.00000
0.0	1.0008	1.4993	2.5001	20.0028	0.4670	1.00000
0.20	1.0013	1.4988	2.5001	19.5414	0.6672	1.00000
0.40	1.0020	1.4981	2.5002	19.0794	0.8676	1.00000
0.60	1.0032	1.4970	2.5003	18.6166	1.0681	1.00000
0.80	1.0051	1.4953	2.5005	18.1525	1.2689	1.00000
1.00	1.0081	1.4926	2.5007	17.6863	1.4702	1.00000
1.20	1.0129	1.4883	2.5012	17.2167	1.6723	1.00000
1.40	1.0205	1.4814	2.5018	16.7419	1.8755	1.00000
1.60	1.0324	1.4705	2.5029	16.2589	2.0805	1.00000
1.80	1.0514	1.4533	2.5047	15.7629	2.2884	1.00000
2.00	1.0814	1.4259	2.5074	15.2469	2.5007	1.00000
2.20	1.1320	1.3826	2.5146	14.6999	2.7205	1.00000
2.40	1.2161	1.3250	2.5411	14.1060	2.9517	1.00000

T= 900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	31.6939	-4.4822	1.00000
-4.80	1.0000	1.5000	2.5000	31.2334	-4.2822	1.00000
-4.60	1.0000	1.5000	2.5000	30.7729	-4.0822	1.00000
-4.40	1.0000	1.5000	2.5000	30.3124	-3.8822	1.00000
-4.20	1.0000	1.5000	2.5000	29.8519	-3.6822	1.00000
-4.00	1.0000	1.5000	2.5000	29.3914	-3.4822	1.00000
-3.80	1.0000	1.5000	2.5000	28.9308	-3.2822	1.00000
-3.60	1.0000	1.5000	2.5000	28.4703	-3.0822	1.00000
-3.40	1.0000	1.5000	2.5000	28.0098	-2.8822	1.00000
-3.20	1.0000	1.5000	2.5000	27.5493	-2.6822	1.00000
-3.00	1.0000	1.5000	2.5000	27.0888	-2.4822	1.00000
-2.80	1.0000	1.5000	2.5000	26.6283	-2.2822	1.00000
-2.60	1.0000	1.5000	2.5000	26.1678	-2.0822	1.00000
-2.40	1.0000	1.5000	2.5000	25.7072	-1.8822	1.00000
-2.20	1.0000	1.5000	2.5000	25.2467	-1.6822	1.00000
-2.00	1.0000	1.5000	2.5000	24.7862	-1.4821	1.00000
-1.80	1.0000	1.5000	2.5000	24.3257	-1.2821	1.00000
-1.60	1.0000	1.5000	2.5000	23.8651	-1.0821	1.00000
-1.40	1.0000	1.5000	2.5000	23.4046	-0.8821	1.00000
-1.20	1.0001	1.5000	2.5000	22.9440	-0.6821	1.00000
-1.00	1.0001	1.4999	2.5000	22.4835	-0.4821	1.00000
-0.80	1.0001	1.4999	2.5000	22.0229	-0.2821	1.00000
-0.60	1.0002	1.4998	2.5001	21.5622	-0.0821	1.00000
-0.40	1.0004	1.4997	2.5001	21.1015	0.1180	1.00000
-0.20	1.0006	1.4996	2.5002	20.6406	0.3181	1.00000
0.0	1.0009	1.4994	2.5003	20.1795	0.5182	1.00000

T= 900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0014	1.4990	2.5004	19.7181	0.7185	1.00000
0.40	1.0022	1.4984	2.5007	19.2562	0.9188	1.00000
0.60	1.0036	1.4975	2.5011	18.7935	1.1194	1.00000
0.80	1.0056	1.4961	2.5017	18.3294	1.3203	1.00000
1.00	1.0089	1.4938	2.5027	17.8633	1.5217	1.00000
1.20	1.0142	1.4901	2.5043	17.3940	1.7239	1.00000
1.40	1.0225	1.4843	2.5068	16.9196	1.9275	1.00000
1.60	1.0356	1.4752	2.5108	16.4371	2.1330	1.00000
1.80	1.0564	1.4607	2.5171	15.9422	2.3417	1.00000
2.00	1.0894	1.4377	2.5271	15.4279	2.5550	1.00000
2.20	1.1428	1.4012	2.5440	14.8840	2.7756	1.00000
2.40	1.2288	1.3494	2.5782	14.2957	3.0073	1.00000

T= 1000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	31.8501	-4.4360	1.00000
-4.80	1.0000	1.5000	2.5000	31.3895	-4.2360	1.00000
-4.60	1.0000	1.5000	2.5000	30.9290	-4.0360	1.00000
-4.40	1.0000	1.5000	2.5000	30.4685	-3.8360	1.00000
-4.20	1.0000	1.5000	2.5000	30.0080	-3.6360	1.00000
-4.00	1.0000	1.5000	2.5000	29.5475	-3.4360	1.00000
-3.80	1.0000	1.5000	2.5000	29.0870	-3.2360	1.00000
-3.60	1.0000	1.5000	2.5000	28.6264	-3.0360	1.00000
-3.40	1.0000	1.5000	2.5000	28.1659	-2.8360	1.00000
-3.20	1.0000	1.5000	2.5000	27.7054	-2.6360	1.00000
-3.00	1.0000	1.5000	2.5000	27.2449	-2.4360	1.00000
-2.80	1.0000	1.5000	2.5000	26.7844	-2.2360	1.00000
-2.60	1.0000	1.5000	2.5000	26.3239	-2.0360	1.00000
-2.40	1.0000	1.5000	2.5000	25.8633	-1.8360	1.00000
-2.20	1.0000	1.5000	2.5000	25.4028	-1.6360	1.00000
-2.00	1.0000	1.5000	2.5000	24.9423	-1.4360	1.00000
-1.80	1.0000	1.5000	2.5000	24.4818	-1.2360	1.00000
-1.60	1.0000	1.5000	2.5000	24.0212	-1.0360	1.00000
-1.40	1.0000	1.5000	2.5000	23.5607	-0.8360	1.00000
-1.20	1.0001	1.5000	2.5000	23.1001	-0.6360	1.00000
-1.00	1.0001	1.4999	2.5000	22.6396	-0.4360	1.00000
-0.80	1.0001	1.4999	2.5001	22.1790	-0.2359	1.00000
-0.60	1.0002	1.4999	2.5001	21.7183	-0.0359	1.00000
-0.40	1.0004	1.4998	2.5002	21.2576	0.1642	1.00000
-0.20	1.0006	1.4997	2.5003	20.7967	0.3643	1.00000
0.0	1.0010	1.4995	2.5004	20.3357	0.5644	1.00000
0.20	1.0015	1.4992	2.5007	19.8743	0.7647	1.00000
0.40	1.0024	1.4987	2.5011	19.4124	0.9650	1.00000
0.60	1.0038	1.4979	2.5017	18.9497	1.1656	1.00000
0.80	1.0060	1.4967	2.5027	18.4857	1.3666	1.00000
1.00	1.0096	1.4947	2.5043	18.0197	1.5681	1.00000
1.20	1.0151	1.4916	2.5067	17.5505	1.7705	1.00000
1.40	1.0240	1.4867	2.5107	17.0762	1.9743	1.00000
1.60	1.0381	1.4789	2.5169	16.5938	2.1802	1.00000
1.80	1.0603	1.4665	2.5268	16.0987	2.3894	1.00000
2.00	1.0956	1.4470	2.5426	15.5833	2.6036	1.00000
2.20	1.1515	1.4159	2.5674	15.0359	2.8253	1.00000
2.40	1.2401	1.3668	2.6069	14.4376	3.0575	1.00000

T= 1200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.1235	-4.3568	1.00000
-4.80	1.0000	1.5000	2.5000	31.6630	-4.1568	1.00000
-4.60	1.0000	1.5000	2.5000	31.2025	-3.9568	1.00000
-4.40	1.0000	1.5000	2.5000	30.7420	-3.7568	1.00000
-4.20	1.0000	1.5000	2.5000	30.2815	-3.5568	1.00000
-4.00	1.0000	1.5000	2.5000	29.8210	-3.3568	1.00000
-3.80	1.0000	1.5000	2.5000	29.3604	-3.1568	1.00000
-3.60	1.0000	1.5000	2.5000	28.8999	-2.9568	1.00000
-3.40	1.0000	1.5000	2.5000	28.4394	-2.7568	1.00000
-3.20	1.0000	1.5000	2.5000	27.9789	-2.5568	1.00000
-3.00	1.0000	1.5000	2.5000	27.5184	-2.3568	1.00000
-2.80	1.0000	1.5000	2.5000	27.0579	-2.1568	1.00000
-2.60	1.0000	1.5000	2.5000	26.5973	-1.9568	1.00000
-2.40	1.0000	1.5000	2.5000	26.1368	-1.7568	1.00000
-2.20	1.0000	1.5000	2.5000	25.6763	-1.5568	1.00000
-2.00	1.0000	1.5000	2.5000	25.2158	-1.3568	1.00000
-1.80	1.0000	1.5000	2.5000	24.7552	-1.1568	1.00000
-1.60	1.0000	1.5000	2.5000	24.2947	-0.9568	1.00000
-1.40	1.0000	1.5000	2.5000	23.8342	-0.7568	1.00000
-1.20	1.0001	1.5000	2.5000	23.3736	-0.5568	1.00000
-1.00	1.0001	1.5000	2.5001	22.9131	-0.3568	1.00000
-0.80	1.0002	1.4999	2.5001	22.4525	-0.1568	1.00000
-0.60	1.0003	1.4999	2.5002	21.9918	0.0433	1.00000
-0.40	1.0004	1.4998	2.5003	21.5311	0.2434	1.00000
-0.20	1.0007	1.4998	2.5004	21.0702	0.4435	1.00000
0.0	1.0010	1.4996	2.5006	20.6092	0.6436	1.00000
0.20	1.0016	1.4994	2.5010	20.1478	0.8439	1.00000
0.40	1.0026	1.4990	2.5016	19.6860	1.0443	1.00000
0.60	1.0041	1.4984	2.5026	19.2234	1.2450	1.00000
0.80	1.0066	1.4975	2.5041	18.7595	1.4460	1.00000
1.00	1.0104	1.4961	2.5065	18.2937	1.6477	1.00000
1.20	1.0165	1.4938	2.5102	17.8248	1.8503	1.00000
1.40	1.0261	1.4901	2.5162	17.3510	2.0544	1.00000
1.60	1.0414	1.4843	2.5257	16.8694	2.2608	1.00000
1.80	1.0656	1.4752	2.5408	16.3755	2.4708	1.00000
2.00	1.1040	1.4607	2.5646	15.8621	2.6861	1.00000
2.20	1.1648	1.4377	2.6025	15.3178	2.9094	1.00000
2.40	1.2612	1.4012	2.6624	14.7244	3.1440	1.00000

T= 1400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.3548	-4.2899	1.00000
-4.80	1.0000	1.5000	2.5000	31.8942	-4.0899	1.00000
-4.60	1.0000	1.5000	2.5000	31.4337	-3.8899	1.00000
-4.40	1.0000	1.5000	2.5000	30.9732	-3.6899	1.00000
-4.20	1.0000	1.5000	2.5000	30.5127	-3.4899	1.00000
-4.00	1.0000	1.5000	2.5000	30.0522	-3.2899	1.00000
-3.80	1.0000	1.5000	2.5000	29.5917	-3.0899	1.00000
-3.60	1.0000	1.5000	2.5000	29.1311	-2.8899	1.00000
-3.40	1.0000	1.5000	2.5000	28.6706	-2.6899	1.00000
-3.20	1.0000	1.5000	2.5000	28.2101	-2.4899	1.00000
-3.00	1.0000	1.5000	2.5000	27.7496	-2.2899	1.00000
-2.80	1.0000	1.5000	2.5000	27.2891	-2.0899	1.00000
-2.60	1.0000	1.5000	2.5000	26.8286	-1.8899	1.00000

T= 1400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	26.3680	-1.6899	1.00000
-2.20	1.0000	1.5000	2.5000	25.9075	-1.4899	1.00000
-2.00	1.0000	1.5000	2.5000	25.4470	-1.2899	1.00000
-1.80	1.0000	1.5000	2.5000	24.9865	-1.0899	1.00000
-1.60	1.0000	1.5000	2.5000	24.5259	-0.8899	1.00000
-1.40	1.0000	1.5000	2.5000	24.0654	-0.6899	1.00000
-1.20	1.0001	1.5000	2.5000	23.6049	-0.4898	1.00000
-1.00	1.0001	1.5000	2.5001	23.1443	-0.2898	1.00000
-0.80	1.0002	1.5000	2.5001	22.6837	-0.0898	1.00000
-0.60	1.0003	1.4999	2.5002	22.2231	0.1102	1.00000
-0.40	1.0004	1.4999	2.5003	21.7623	0.3103	1.00000
-0.20	1.0007	1.4998	2.5005	21.3015	0.5104	1.00000
0.0	1.0011	1.4997	2.5008	20.8405	0.7106	1.00000
0.20	1.0017	1.4995	2.5013	20.3791	0.9109	1.00000
0.40	1.0027	1.4993	2.5020	19.9173	1.1113	1.00000
0.60	1.0043	1.4988	2.5032	19.4548	1.3120	1.00000
0.80	1.0069	1.4981	2.5050	18.9910	1.5131	1.00000
1.00	1.0109	1.4970	2.5080	18.5254	1.7148	1.00000
1.20	1.0173	1.4953	2.5126	18.0567	1.9176	1.00000
1.40	1.0274	1.4925	2.5200	17.5833	2.1219	1.00000
1.60	1.0435	1.4882	2.5317	17.1024	2.3286	1.00000
1.80	1.0689	1.4813	2.5502	16.6095	2.5391	1.00000
2.00	1.1093	1.4703	2.5796	16.0977	2.7552	1.00000
2.20	1.1732	1.4529	2.6261	15.5559	2.9795	1.00000
2.40	1.2745	1.4254	2.6999	14.9666	3.2155	1.00000

T= 1500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.4583	-4.2599	1.00000
-4.80	1.0000	1.5000	2.5000	31.9977	-4.0599	1.00000
-4.60	1.0000	1.5000	2.5000	31.5372	-3.8599	1.00000
-4.40	1.0000	1.5000	2.5000	31.0767	-3.6599	1.00000
-4.20	1.0000	1.5000	2.5000	30.6162	-3.4599	1.00000
-4.00	1.0000	1.5000	2.5000	30.1557	-3.2599	1.00000
-3.80	1.0000	1.5000	2.5000	29.6952	-3.0599	1.00000
-3.60	1.0000	1.5000	2.5000	29.2346	-2.8599	1.00000
-3.40	1.0000	1.5000	2.5000	28.7741	-2.6599	1.00000
-3.20	1.0000	1.5000	2.5000	28.3136	-2.4599	1.00000
-3.00	1.0000	1.5000	2.5000	27.8531	-2.2599	1.00000
-2.80	1.0000	1.5000	2.5000	27.3926	-2.0599	1.00000
-2.60	1.0000	1.5000	2.5000	26.9320	-1.8599	1.00000
-2.40	1.0000	1.5000	2.5000	26.4715	-1.6599	1.00000
-2.20	1.0000	1.5000	2.5000	26.0110	-1.4599	1.00000
-2.00	1.0000	1.5000	2.5000	25.5505	-1.2599	1.00000
-1.80	1.0000	1.5000	2.5000	25.0900	-1.0599	1.00000
-1.60	1.0000	1.5000	2.5000	24.6294	-0.8599	1.00000
-1.40	1.0000	1.5000	2.5000	24.1689	-0.6599	1.00000
-1.20	1.0001	1.5000	2.5001	23.7084	-0.4599	1.00000
-1.00	1.0001	1.5000	2.5001	23.2478	-0.2599	1.00000
-0.80	1.0002	1.5000	2.5001	22.7872	-0.0598	1.00000
-0.60	1.0003	1.4999	2.5002	22.3265	0.1402	1.00000
-0.40	1.0004	1.4999	2.5003	21.8658	0.3403	1.00000
-0.20	1.0007	1.4998	2.5005	21.4050	0.5404	1.00000
0.0	1.0011	1.4997	2.5009	20.9440	0.7406	1.00000

T= 1500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0018	1.4996	2.5013	20.4826	0.9409	1.00000
0.40	1.0028	1.4993	2.5021	20.0209	1.1413	1.00000
0.60	1.0044	1.4990	2.5034	19.5583	1.3420	1.00000
0.80	1.0070	1.4984	2.5054	19.0946	1.5431	1.00000
1.00	1.0111	1.4974	2.5085	18.6290	1.7449	1.00000
1.20	1.0176	1.4959	2.5135	18.1605	1.9477	1.00000
1.40	1.0279	1.4935	2.5214	17.6873	2.1521	1.00000
1.60	1.0443	1.4897	2.5340	17.2066	2.3589	1.00000
1.80	1.0702	1.4837	2.5538	16.7142	2.5695	1.00000
2.00	1.1112	1.4741	2.5853	16.2031	2.7859	1.00000
2.20	1.1762	1.4590	2.6352	15.6624	3.0106	1.00000
2.40	1.2793	1.4350	2.7143	15.0748	3.2471	1.00000

T= 1600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.5551	-4.2319	1.00000
-4.80	1.0000	1.5000	2.5000	32.0945	-4.0319	1.00000
-4.60	1.0000	1.5000	2.5000	31.6340	-3.8319	1.00000
-4.40	1.0000	1.5000	2.5000	31.1735	-3.6319	1.00000
-4.20	1.0000	1.5000	2.5000	30.7130	-3.4319	1.00000
-4.00	1.0000	1.5000	2.5000	30.2525	-3.2319	1.00000
-3.80	1.0000	1.5000	2.5000	29.7920	-3.0319	1.00000
-3.60	1.0000	1.5000	2.5000	29.3314	-2.8319	1.00000
-3.40	1.0000	1.5000	2.5000	28.8709	-2.6319	1.00000
-3.20	1.0000	1.5000	2.5000	28.4104	-2.4319	1.00000
-3.00	1.0000	1.5000	2.5000	27.9499	-2.2319	1.00000
-2.80	1.0000	1.5000	2.5000	27.4894	-2.0319	1.00000
-2.60	1.0000	1.5000	2.5000	27.0289	-1.8319	1.00000
-2.40	1.0000	1.5000	2.5000	26.5683	-1.6319	1.00000
-2.20	1.0000	1.5000	2.5000	26.1078	-1.4319	1.00000
-2.00	1.0000	1.5000	2.5000	25.6473	-1.2319	1.00000
-1.80	1.0000	1.5000	2.5000	25.1868	-1.0319	1.00000
-1.60	1.0000	1.5000	2.5000	24.7262	-0.8319	1.00000
-1.40	1.0000	1.5000	2.5000	24.2657	-0.6319	1.00000
-1.20	1.0001	1.5000	2.5001	23.8052	-0.4319	1.00000
-1.00	1.0001	1.5000	2.5001	23.3446	-0.2318	1.00000
-0.80	1.0002	1.5000	2.5001	22.8840	-0.0318	1.00000
-0.60	1.0003	1.4999	2.5002	22.4233	0.1682	1.00000
-0.40	1.0004	1.4999	2.5004	21.9626	0.3683	1.00000
-0.20	1.0007	1.4999	2.5006	21.5018	0.5684	1.00000
0.0	1.0011	1.4998	2.5009	21.0408	0.7686	1.00000
0.20	1.0018	1.4996	2.5014	20.5795	0.9689	1.00000
0.40	1.0028	1.4994	2.5023	20.1177	1.1693	1.00000
0.60	1.0045	1.4991	2.5036	19.6552	1.3701	1.00000
0.80	1.0071	1.4986	2.5057	19.1915	1.5712	1.00000
1.00	1.0113	1.4977	2.5090	18.7260	1.7730	1.00000
1.20	1.0179	1.4964	2.5143	18.2576	1.9758	1.00000
1.40	1.0283	1.4943	2.5227	17.7845	2.1802	1.00000
1.60	1.0449	1.4910	2.5359	17.3041	2.3872	1.00000
1.80	1.0711	1.4858	2.5569	16.8121	2.5980	1.00000
2.00	1.1128	1.4774	2.5902	16.3017	2.8145	1.00000
2.20	1.1787	1.4642	2.6429	15.7620	3.0395	1.00000
2.40	1.2832	1.4433	2.7265	15.1760	3.2764	1.00000

T= 1800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.7317	-4.1807	1.00000
-4.80	1.0000	1.5000	2.5000	32.2712	-3.9807	1.00000
-4.60	1.0000	1.5000	2.5000	31.8107	-3.7807	1.00000
-4.40	1.0000	1.5000	2.5000	31.3502	-3.5807	1.00000
-4.20	1.0000	1.5000	2.5000	30.8897	-3.3807	1.00000
-4.00	1.0000	1.5000	2.5000	30.4291	-3.1807	1.00000
-3.80	1.0000	1.5000	2.5000	29.9686	-2.9807	1.00000
-3.60	1.0000	1.5000	2.5000	29.5081	-2.7807	1.00000
-3.40	1.0000	1.5000	2.5000	29.0476	-2.5807	1.00000
-3.20	1.0000	1.5000	2.5000	28.5871	-2.3807	1.00000
-3.00	1.0000	1.5000	2.5000	28.1266	-2.1807	1.00000
-2.80	1.0000	1.5000	2.5000	27.6660	-1.9807	1.00000
-2.60	1.0000	1.5000	2.5000	27.2055	-1.7807	1.00000
-2.40	1.0000	1.5000	2.5000	26.7450	-1.5807	1.00000
-2.20	1.0000	1.5000	2.5000	26.2845	-1.3807	1.00000
-2.00	1.0000	1.5000	2.5000	25.8240	-1.1807	1.00000
-1.80	1.0000	1.5000	2.5000	25.3634	-0.9807	1.00000
-1.60	1.0000	1.5000	2.5000	24.9029	-0.7807	1.00000
-1.40	1.0000	1.5000	2.5000	24.4424	-0.5807	1.00000
-1.20	1.0001	1.5000	2.5001	23.9818	-0.3807	1.00000
-1.00	1.0001	1.5000	2.5001	23.5213	-0.1807	1.00000
-0.80	1.0002	1.5000	2.5002	23.0607	0.0193	1.00000
-0.60	1.0003	1.5000	2.5002	22.6000	0.2194	1.00000
-0.40	1.0005	1.4999	2.5004	22.1393	0.4195	1.00000
-0.20	1.0007	1.4999	2.5006	21.6785	0.6196	1.00000
0.0	1.0011	1.4998	2.5010	21.2175	0.8198	1.00000
0.20	1.0018	1.4997	2.5016	20.7562	1.0201	1.00000
0.40	1.0029	1.4996	2.5025	20.2945	1.2205	1.00000
0.60	1.0046	1.4993	2.5039	19.8320	1.4213	1.00000
0.80	1.0073	1.4989	2.5062	19.3684	1.6224	1.00000
1.00	1.0115	1.4983	2.5098	18.9030	1.8242	1.00000
1.20	1.0182	1.4973	2.5155	18.4348	2.0271	1.00000
1.40	1.0289	1.4957	2.5246	17.9620	2.2316	1.00000
1.60	1.0458	1.4932	2.5390	17.4821	2.4387	1.00000
1.80	1.0726	1.4892	2.5618	16.9908	2.6497	1.00000
2.00	1.1151	1.4829	2.5980	16.4815	2.8666	1.00000
2.20	1.1824	1.4729	2.6553	15.9437	3.0920	1.00000
2.40	1.2891	1.4571	2.7462	15.3606	3.3295	1.00000

T= 2000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	32.8898	-4.1350	1.00000
-4.80	1.0000	1.5000	2.5000	32.4293	-3.9350	1.00000
-4.60	1.0000	1.5000	2.5000	31.9688	-3.7350	1.00000
-4.40	1.0000	1.5000	2.5000	31.5082	-3.5350	1.00000
-4.20	1.0000	1.5000	2.5000	31.0477	-3.3350	1.00000
-4.00	1.0000	1.5000	2.5000	30.5872	-3.1350	1.00000
-3.80	1.0000	1.5000	2.5000	30.1267	-2.9350	1.00000
-3.60	1.0000	1.5000	2.5000	29.6662	-2.7350	1.00000
-3.40	1.0000	1.5000	2.5000	29.2057	-2.5350	1.00000
-3.20	1.0000	1.5000	2.5000	28.7451	-2.3350	1.00000
-3.00	1.0000	1.5000	2.5000	28.2846	-2.1350	1.00000
-2.80	1.0000	1.5000	2.5000	27.8241	-1.9350	1.00000
-2.60	1.0000	1.5000	2.5000	27.3636	-1.7350	1.00000

T= 2000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	26.9031	-1.5350	1.00000
-2.20	1.0000	1.5000	2.5000	26.4426	-1.3350	1.00000
-2.00	1.0000	1.5000	2.5000	25.9820	-1.1350	1.00000
-1.80	1.0000	1.5000	2.5000	25.5215	-0.9350	1.00000
-1.60	1.0000	1.5000	2.5000	25.0610	-0.7350	1.00000
-1.40	1.0000	1.5000	2.5000	24.6004	-0.5350	1.00000
-1.20	1.0001	1.5000	2.5001	24.1399	-0.3349	1.00000
-1.00	1.0001	1.5000	2.5001	23.6793	-0.1349	1.00000
-0.80	1.0002	1.5000	2.5002	23.2187	0.0651	1.00000
-0.60	1.0003	1.5000	2.5003	22.7581	0.2652	1.00000
-0.40	1.0005	1.4999	2.5004	22.2974	0.4652	1.00000
-0.20	1.0007	1.4999	2.5007	21.8366	0.6653	1.00000
0.0	1.0012	1.4999	2.5010	21.3756	0.8655	1.00000
0.20	1.0018	1.4998	2.5016	20.9143	1.0658	1.00000
0.40	1.0029	1.4997	2.5026	20.4526	1.2663	1.00000
0.60	1.0046	1.4995	2.5041	19.9902	1.4670	1.00000
0.80	1.0074	1.4992	2.5066	19.5266	1.6682	1.00000
1.00	1.0117	1.4987	2.5104	19.0613	1.8701	1.00000
1.20	1.0185	1.4980	2.5165	18.5933	2.0730	1.00000
1.40	1.0293	1.4968	2.5261	18.1208	2.2776	1.00000
1.60	1.0464	1.4949	2.5414	17.6412	2.4847	1.00000
1.80	1.0736	1.4920	2.5656	17.1506	2.6959	1.00000
2.00	1.1166	1.4873	2.6039	16.6423	2.9129	1.00000
2.20	1.1849	1.4798	2.6647	16.1061	3.1387	1.00000
2.40	1.2930	1.4680	2.7610	15.5256	3.3766	1.00000

T= 2200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.0328	-4.0936	1.00000
-4.80	1.0000	1.5000	2.5000	32.5723	-3.8936	1.00000
-4.60	1.0000	1.5000	2.5000	32.1117	-3.6936	1.00000
-4.40	1.0000	1.5000	2.5000	31.6512	-3.4936	1.00000
-4.20	1.0000	1.5000	2.5000	31.1907	-3.2936	1.00000
-4.00	1.0000	1.5000	2.5000	30.7302	-3.0936	1.00000
-3.80	1.0000	1.5000	2.5000	30.2697	-2.8936	1.00000
-3.60	1.0000	1.5000	2.5000	29.8091	-2.6936	1.00000
-3.40	1.0000	1.5000	2.5000	29.3486	-2.4936	1.00000
-3.20	1.0000	1.5000	2.5000	28.8881	-2.2936	1.00000
-3.00	1.0000	1.5000	2.5000	28.4276	-2.0936	1.00000
-2.80	1.0000	1.5000	2.5000	27.9671	-1.8936	1.00000
-2.60	1.0000	1.5000	2.5000	27.5066	-1.6936	1.00000
-2.40	1.0000	1.5000	2.5000	27.0460	-1.4936	1.00000
-2.20	1.0000	1.5000	2.5000	26.5855	-1.2936	1.00000
-2.00	1.0000	1.5000	2.5000	26.1250	-1.0936	1.00000
-1.80	1.0000	1.5000	2.5000	25.6645	-0.8936	1.00000
-1.60	1.0000	1.5000	2.5000	25.2039	-0.6936	1.00000
-1.40	1.0000	1.5000	2.5000	24.7434	-0.4936	1.00000
-1.20	1.0001	1.5000	2.5001	24.2829	-0.2935	1.00000
-1.00	1.0001	1.5000	2.5001	23.8223	-0.0935	1.00000
-0.80	1.0002	1.5000	2.5002	23.3617	0.1065	1.00000
-0.60	1.0003	1.5000	2.5003	22.9011	0.3065	1.00000
-0.40	1.0005	1.5000	2.5004	22.4404	0.5066	1.00000
-0.20	1.0007	1.4999	2.5007	21.9796	0.7067	1.00000
0.0	1.0012	1.4999	2.5011	21.5186	0.9069	1.00000

T= 2200						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
0.20	1.0019	1.4999	2.5017	21.0573	1.1072	1.00000
0.40	1.0030	1.4998	2.5027	20.5956	1.3077	1.00000
0.60	1.0047	1.4996	2.5043	20.1332	1.5084	1.00000
0.80	1.0074	1.4994	2.5068	19.6698	1.7096	1.00000
1.00	1.0118	1.4991	2.5108	19.2046	1.9115	1.00000
1.20	1.0186	1.4985	2.5172	18.7366	2.1144	1.00000
1.40	1.0296	1.4977	2.5272	18.2643	2.3191	1.00000
1.60	1.0469	1.4963	2.5432	17.7852	2.5263	1.00000
1.80	1.0743	1.4942	2.5684	17.2951	2.7375	1.00000
2.00	1.1177	1.4908	2.6085	16.7878	2.9547	1.00000
2.20	1.1865	1.4854	2.6719	16.2530	3.1807	1.00000
2.40	1.2956	1.4768	2.7725	15.6748	3.4189	1.00000

T= 2400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.0000	1.5000	2.5000	33.1633	-4.0558	1.00000
-4.80	1.0000	1.5000	2.5000	32.7028	-3.8558	1.00000
-4.60	1.0000	1.5000	2.5000	32.2423	-3.6558	1.00000
-4.40	1.0000	1.5000	2.5000	31.7817	-3.4558	1.00000
-4.20	1.0000	1.5000	2.5000	31.3212	-3.2558	1.00000
-4.00	1.0000	1.5000	2.5000	30.8607	-3.0558	1.00000
-3.80	1.0000	1.5000	2.5000	30.4002	-2.8558	1.00000
-3.60	1.0000	1.5000	2.5000	29.9397	-2.6558	1.00000
-3.40	1.0000	1.5000	2.5000	29.4791	-2.4558	1.00000
-3.20	1.0000	1.5000	2.5000	29.0186	-2.2558	1.00000
-3.00	1.0000	1.5000	2.5000	28.5581	-2.0558	1.00000
-2.80	1.0000	1.5000	2.5000	28.0976	-1.8558	1.00000
-2.60	1.0000	1.5000	2.5000	27.6371	-1.6558	1.00000
-2.40	1.0000	1.5000	2.5000	27.1766	-1.4558	1.00000
-2.20	1.0000	1.5000	2.5000	26.7160	-1.2558	1.00000
-2.00	1.0000	1.5000	2.5000	26.2555	-1.0558	1.00000
-1.80	1.0000	1.5000	2.5000	25.7950	-0.8558	1.00000
-1.60	1.0000	1.5000	2.5000	25.3345	-0.6558	1.00000
-1.40	1.0000	1.5000	2.5000	24.8739	-0.4558	1.00000
-1.20	1.0001	1.5000	2.5001	24.4134	-0.2558	1.00000
-1.00	1.0001	1.5000	2.5001	23.9528	-0.0557	1.00000
-0.80	1.0002	1.5000	2.5002	23.4922	0.1443	1.00000
-0.60	1.0003	1.5000	2.5003	23.0316	0.3443	1.00000
-0.40	1.0005	1.5000	2.5004	22.5709	0.5444	1.00000
-0.20	1.0007	1.5000	2.5007	22.1101	0.7445	1.00000
0.0	1.0012	1.4999	2.5011	21.6491	0.9447	1.00000
0.20	1.0019	1.4999	2.5018	21.1879	1.1450	1.00000
0.40	1.0030	1.4998	2.5028	20.7262	1.3455	1.00000
0.60	1.0047	1.4997	2.5045	20.2638	1.5462	1.00000
0.80	1.0075	1.4996	2.5071	19.8004	1.7474	1.00000
1.00	1.0118	1.4994	2.5112	19.3353	1.9493	1.00000
1.20	1.0188	1.4990	2.5178	18.8675	2.1523	1.00000
1.40	1.0297	1.4984	2.5281	18.3954	2.3569	1.00000
1.60	1.0471	1.4975	2.5446	17.9166	2.5642	1.00000
1.80	1.0747	1.4960	2.5707	17.4270	2.7755	1.00000
2.00	1.1184	1.4937	2.6120	16.9205	2.9928	1.00000
2.20	1.1876	1.4900	2.6776	16.3870	3.2189	1.00000
2.40	1.2973	1.4841	2.7814	15.8109	3.4573	1.00000

T= 2500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.2245	-4.0381	1.00000
-4.80	1.0000	1.5000	2.5000	32.7640	-3.8381	1.00000
-4.60	1.0000	1.5000	2.5000	32.3035	-3.6381	1.00000
-4.40	1.0000	1.5000	2.5000	31.8430	-3.4381	1.00000
-4.20	1.0000	1.5000	2.5000	31.3824	-3.2381	1.00000
-4.00	1.0000	1.5000	2.5000	30.9219	-3.0381	1.00000
-3.80	1.0000	1.5000	2.5000	30.4614	-2.8381	1.00000
-3.60	1.0000	1.5000	2.5000	30.0009	-2.6381	1.00000
-3.40	1.0000	1.5000	2.5000	29.5404	-2.4381	1.00000
-3.20	1.0000	1.5000	2.5000	29.0799	-2.2381	1.00000
-3.00	1.0000	1.5000	2.5000	28.6193	-2.0381	1.00000
-2.80	1.0000	1.5000	2.5000	28.1588	-1.8381	1.00000
-2.60	1.0000	1.5000	2.5000	27.6983	-1.6381	1.00000
-2.40	1.0000	1.5000	2.5000	27.2378	-1.4381	1.00000
-2.20	1.0000	1.5000	2.5000	26.7773	-1.2381	1.00000
-2.00	1.0000	1.5000	2.5000	26.3167	-1.0381	1.00000
-1.80	1.0000	1.5000	2.5000	25.8562	-0.8381	1.00000
-1.60	1.0000	1.5000	2.5000	25.3957	-0.6381	1.00000
-1.40	1.0000	1.5000	2.5000	24.9352	-0.4381	1.00000
-1.20	1.0001	1.5000	2.5001	24.4746	-0.2380	1.00000
-1.00	1.0001	1.5000	2.5001	24.0141	-0.0380	1.00000
-0.80	1.0002	1.5000	2.5002	23.5535	0.1620	1.00000
-0.60	1.0003	1.5000	2.5003	23.0928	0.3621	1.00000
-0.40	1.0005	1.5000	2.5005	22.6321	0.5621	1.00000
-0.20	1.0007	1.5000	2.5007	22.1713	0.7623	1.00000
0.0	1.0012	1.4999	2.5011	21.7104	0.9625	1.00000
0.20	1.0019	1.4999	2.5018	21.2491	1.1628	1.00000
0.40	1.0030	1.4999	2.5029	20.7874	1.3632	1.00000
0.60	1.0047	1.4998	2.5045	20.3251	1.5640	1.00000
0.80	1.0075	1.4997	2.5072	19.8617	1.7652	1.00000
1.00	1.0119	1.4995	2.5114	19.3966	1.9671	1.00000
1.20	1.0188	1.4992	2.5180	18.9289	2.1700	1.00000
1.40	1.0298	1.4987	2.5285	18.4569	2.3747	1.00000
1.60	1.0472	1.4980	2.5452	17.9782	2.5820	1.00000
1.80	1.0748	1.4968	2.5716	17.4889	2.7933	1.00000
2.00	1.1186	1.4949	2.6135	16.9828	3.0106	1.00000
2.20	1.1880	1.4920	2.6800	16.4499	3.2367	1.00000
2.40	1.2979	1.4873	2.7852	15.8748	3.4752	1.00000

T= 2600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.2833	-4.0210	1.00000
-4.80	1.0000	1.5000	2.5000	32.8228	-3.8210	1.00000
-4.60	1.0000	1.5000	2.5000	32.3623	-3.6210	1.00000
-4.40	1.0000	1.5000	2.5000	31.9018	-3.4210	1.00000
-4.20	1.0000	1.5000	2.5000	31.4413	-3.2210	1.00000
-4.00	1.0000	1.5000	2.5000	30.9808	-3.0210	1.00000
-3.80	1.0000	1.5000	2.5000	30.5202	-2.8210	1.00000
-3.60	1.0000	1.5000	2.5000	30.0597	-2.6210	1.00000
-3.40	1.0000	1.5000	2.5000	29.5992	-2.4210	1.00000
-3.20	1.0000	1.5000	2.5000	29.1387	-2.2210	1.00000
-3.00	1.0000	1.5000	2.5000	28.6782	-2.0210	1.00000
-2.80	1.0000	1.5000	2.5000	28.2177	-1.8210	1.00000
-2.60	1.0000	1.5000	2.5000	27.7571	-1.6210	1.00000

T= 2600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	27.2966	-1.4210	1.00000
-2.20	1.0000	1.5000	2.5000	26.8361	-1.2210	1.00000
-2.00	1.0000	1.5000	2.5000	26.3756	-1.0210	1.00000
-1.80	1.0000	1.5000	2.5000	25.9151	-0.8210	1.00000
-1.60	1.0000	1.5000	2.5000	25.4545	-0.6210	1.00000
-1.40	1.0000	1.5000	2.5000	24.9940	-0.4210	1.00000
-1.20	1.0001	1.5000	2.5001	24.5334	-0.2210	1.00000
-1.00	1.0001	1.5000	2.5001	24.0729	-0.0210	1.00000
-0.80	1.0002	1.5000	2.5002	23.6123	0.1791	1.00000
-0.60	1.0003	1.5000	2.5003	23.1517	0.3791	1.00000
-0.40	1.0005	1.5000	2.5005	22.6910	0.5792	1.00000
-0.20	1.0007	1.5000	2.5007	22.2302	0.7793	1.00000
0.0	1.0012	1.5000	2.5011	21.7692	0.9795	1.00000
0.20	1.0019	1.4999	2.5018	21.3080	1.1798	1.00000
0.40	1.0030	1.4999	2.5029	20.8463	1.3803	1.00000
0.60	1.0047	1.4998	2.5046	20.3840	1.5810	1.00000
0.80	1.0075	1.4998	2.5072	19.9206	1.7822	1.00000
1.00	1.0119	1.4996	2.5115	19.4556	1.9841	1.00000
1.20	1.0188	1.4994	2.5182	18.9879	2.1871	1.00000
1.40	1.0298	1.4990	2.5289	18.5160	2.3917	1.00000
1.60	1.0473	1.4985	2.5457	18.0374	2.5990	1.00000
1.80	1.0749	1.4975	2.5725	17.5484	2.8104	1.00000
2.00	1.1188	1.4961	2.6149	17.0426	3.0277	1.00000
2.20	1.1882	1.4938	2.6821	16.5103	3.2539	1.00000
2.40	1.2983	1.4902	2.7886	15.9361	3.4924	1.00000

T= 2800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.3945	-3.9888	1.00000
-4.80	1.0000	1.5000	2.5000	32.9340	-3.7888	1.00000
-4.60	1.0000	1.5000	2.5000	32.4735	-3.5888	1.00000
-4.40	1.0000	1.5000	2.5000	32.0130	-3.3888	1.00000
-4.20	1.0000	1.5000	2.5000	31.5524	-3.1888	1.00000
-4.00	1.0000	1.5000	2.5000	31.0919	-2.9888	1.00000
-3.80	1.0000	1.5000	2.5000	30.6314	-2.7888	1.00000
-3.60	1.0000	1.5000	2.5000	30.1709	-2.5888	1.00000
-3.40	1.0000	1.5000	2.5000	29.7104	-2.3888	1.00000
-3.20	1.0000	1.5000	2.5000	29.2499	-2.1888	1.00000
-3.00	1.0000	1.5000	2.5000	28.7893	-1.9888	1.00000
-2.80	1.0000	1.5000	2.5000	28.3288	-1.7888	1.00000
-2.60	1.0000	1.5000	2.5000	27.8683	-1.5888	1.00000
-2.40	1.0000	1.5000	2.5000	27.4078	-1.3888	1.00000
-2.20	1.0000	1.5000	2.5000	26.9473	-1.1888	1.00000
-2.00	1.0000	1.5000	2.5000	26.4867	-0.9888	1.00000
-1.80	1.0000	1.5000	2.5000	26.0262	-0.7888	1.00000
-1.60	1.0000	1.5000	2.5000	25.5657	-0.5888	1.00000
-1.40	1.0000	1.5000	2.5000	25.1052	-0.3888	1.00000
-1.20	1.0001	1.5000	2.5001	24.6446	-0.1888	1.00000
-1.00	1.0001	1.5000	2.5001	24.1840	0.0112	1.00000
-0.80	1.0002	1.5000	2.5002	23.7235	0.2112	1.00000
-0.60	1.0003	1.5000	2.5003	23.2628	0.4113	1.00000
-0.40	1.0005	1.5000	2.5005	22.8021	0.6114	1.00000
-0.20	1.0007	1.5000	2.5007	22.3413	0.8115	1.00000
0.0	1.0012	1.5000	2.5012	21.8804	1.0117	1.00000

T= 2800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0019	1.5000	2.5019	21.4191	1.2120	1.00000
0.40	1.0030	1.5000	2.5029	20.9575	1.4125	1.00000
0.60	1.0047	1.4999	2.5047	20.4952	1.6132	1.00000
0.80	1.0075	1.4999	2.5074	20.0319	1.8144	1.00000
1.00	1.0119	1.4998	2.5117	19.5669	2.0163	1.00000
1.20	1.0189	1.4997	2.5186	19.0993	2.2193	1.00000
1.40	1.0299	1.4995	2.5294	18.6276	2.4239	1.00000
1.60	1.0474	1.4993	2.5466	18.1493	2.6313	1.00000
1.80	1.0751	1.4988	2.5739	17.6607	2.8426	1.00000
2.00	1.1190	1.4982	2.6172	17.1556	3.0600	1.00000
2.20	1.1886	1.4971	2.6857	16.6244	3.2862	1.00000
2.40	1.2989	1.4954	2.7943	16.0519	3.5247	1.00000

T= 3000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.4980	-3.9589	1.00000
-4.80	1.0000	1.5000	2.5000	33.0375	-3.7589	1.00000
-4.60	1.0000	1.5000	2.5000	32.5770	-3.5589	1.00000
-4.40	1.0000	1.5000	2.5000	32.1165	-3.3589	1.00000
-4.20	1.0000	1.5000	2.5000	31.6559	-3.1589	1.00000
-4.00	1.0000	1.5000	2.5000	31.1954	-2.9589	1.00000
-3.80	1.0000	1.5000	2.5000	30.7349	-2.7589	1.00000
-3.60	1.0000	1.5000	2.5000	30.2744	-2.5589	1.00000
-3.40	1.0000	1.5000	2.5000	29.8139	-2.3589	1.00000
-3.20	1.0000	1.5000	2.5000	29.3533	-2.1589	1.00000
-3.00	1.0000	1.5000	2.5000	28.8928	-1.9589	1.00000
-2.80	1.0000	1.5000	2.5000	28.4323	-1.7589	1.00000
-2.60	1.0000	1.5000	2.5000	27.9718	-1.5589	1.00000
-2.40	1.0000	1.5000	2.5000	27.5113	-1.3589	1.00000
-2.20	1.0000	1.5000	2.5000	27.0508	-1.1589	1.00000
-2.00	1.0000	1.5000	2.5000	26.5902	-0.9589	1.00000
-1.80	1.0000	1.5000	2.5000	26.1297	-0.7589	1.00000
-1.60	1.0000	1.5000	2.5000	25.6692	-0.5589	1.00000
-1.40	1.0000	1.5000	2.5000	25.2086	-0.3589	1.00000
-1.20	1.0001	1.5000	2.5001	24.7481	-0.1588	1.00000
-1.00	1.0001	1.5000	2.5001	24.2875	0.0412	1.00000
-0.80	1.0002	1.5000	2.5002	23.8270	0.2412	1.00000
-0.60	1.0003	1.5000	2.5003	23.3663	0.4412	1.00000
-0.40	1.0005	1.5000	2.5005	22.9056	0.6413	1.00000
-0.20	1.0007	1.5000	2.5008	22.4448	0.8414	1.00000
0.0	1.0012	1.5000	2.5012	21.9839	1.0416	1.00000
0.20	1.0019	1.5000	2.5019	21.5227	1.2419	1.00000
0.40	1.0030	1.5000	2.5030	21.0611	1.4424	1.00000
0.60	1.0047	1.5000	2.5047	20.5988	1.6432	1.00000
0.80	1.0075	1.5000	2.5075	20.1355	1.8444	1.00000
1.00	1.0119	1.5000	2.5119	19.6706	2.0463	1.00000
1.20	1.0189	1.5000	2.5189	19.2031	2.2492	1.00000
1.40	1.0299	1.5000	2.5299	18.7315	2.4539	1.00000
1.60	1.0474	1.5000	2.5474	18.2535	2.6612	1.00000
1.80	1.0751	1.5000	2.5751	17.7653	2.8726	1.00000
2.00	1.1190	1.5000	2.6190	17.2608	3.0900	1.00000
2.20	1.1887	1.4999	2.6886	16.7306	3.3162	1.00000
2.40	1.2990	1.4999	2.7989	16.1597	3.5547	1.00000

T= 3200						
LOG RHO	Z	E/RT	1/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.5948	-3.9309	1.00000
-4.80	1.0000	1.5000	2.5000	33.1343	-3.7309	1.00000
-4.60	1.0000	1.5000	2.5000	32.6738	-3.5309	1.00000
-4.40	1.0000	1.5000	2.5000	32.2133	-3.3309	1.00000
-4.20	1.0000	1.5000	2.5000	31.7527	-3.1309	1.00000
-4.00	1.0000	1.5000	2.5000	31.2922	-2.9309	1.00000
-3.80	1.0000	1.5000	2.5000	30.8317	-2.7309	1.00000
-3.60	1.0000	1.5000	2.5000	30.3712	-2.5309	1.00000
-3.40	1.0000	1.5000	2.5000	29.9107	-2.3309	1.00000
-3.20	1.0000	1.5000	2.5000	29.4502	-2.1309	1.00000
-3.00	1.0000	1.5000	2.5000	28.9896	-1.9309	1.00000
-2.80	1.0000	1.5000	2.5000	28.5291	-1.7309	1.00000
-2.60	1.0000	1.5000	2.5000	28.0686	-1.5309	1.00000
-2.40	1.0000	1.5000	2.5000	27.6081	-1.3309	1.00000
-2.20	1.0000	1.5000	2.5000	27.1476	-1.1309	1.00000
-2.00	1.0000	1.5000	2.5000	26.6870	-0.9308	1.00000
-1.80	1.0000	1.5000	2.5000	26.2265	-0.7308	1.00000
-1.60	1.0000	1.5000	2.5000	25.7660	-0.5308	1.00000
-1.40	1.0000	1.5000	2.5000	25.3055	-0.3308	1.00000
-1.20	1.0001	1.5000	2.5001	24.8449	-0.1308	1.00000
-1.00	1.0001	1.5000	2.5001	24.3843	0.0692	1.00000
-0.80	1.0002	1.5000	2.5002	23.9238	0.2692	1.00000
-0.60	1.0003	1.5000	2.5003	23.4631	0.4693	1.00000
-0.40	1.0005	1.5000	2.5005	23.0024	0.6694	1.00000
-0.20	1.0007	1.5000	2.5008	22.5417	0.8695	1.00000
0.0	1.0012	1.5000	2.5012	22.0807	1.0697	1.00000
0.20	1.0019	1.5000	2.5019	21.6195	1.2700	1.00000
0.40	1.0030	1.5000	2.5030	21.1579	1.4704	1.00000
0.60	1.0047	1.5001	2.5048	20.6956	1.6712	1.00000
0.80	1.0075	1.5001	2.5076	20.2324	1.8724	1.00000
1.00	1.0119	1.5001	2.5120	19.7675	2.0743	1.00000
1.20	1.0189	1.5002	2.5191	19.3002	2.2773	1.00000
1.40	1.0299	1.5004	2.5303	18.8287	2.4819	1.00000
1.60	1.0474	1.5006	2.5480	18.3510	2.6892	1.00000
1.80	1.0751	1.5009	2.5760	17.8631	2.9006	1.00000
2.00	1.1190	1.5015	2.6205	17.3592	3.1180	1.00000
2.20	1.1886	1.5024	2.6910	16.8299	3.3442	1.00000
2.40	1.2989	1.5037	2.8027	16.2605	3.5827	1.00000

T= 3400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.6857	-3.9045	1.00000
-4.80	1.0000	1.5000	2.5000	33.2252	-3.7045	1.00000
-4.60	1.0000	1.5000	2.5000	32.7647	-3.5045	1.00000
-4.40	1.0000	1.5000	2.5000	32.3042	-3.3045	1.00000
-4.20	1.0000	1.5000	2.5000	31.8437	-3.1045	1.00000
-4.00	1.0000	1.5000	2.5000	31.3832	-2.9045	1.00000
-3.80	1.0000	1.5000	2.5000	30.9226	-2.7045	1.00000
-3.60	1.0000	1.5000	2.5000	30.4621	-2.5045	1.00000
-3.40	1.0000	1.5000	2.5000	30.0016	-2.3045	1.00000
-3.20	1.0000	1.5000	2.5000	29.5411	-2.1045	1.00000
-3.00	1.0000	1.5000	2.5000	29.0806	-1.9045	1.00000
-2.80	1.0000	1.5000	2.5000	28.6201	-1.7045	1.00000
-2.60	1.0000	1.5000	2.5000	28.1595	-1.5045	1.00000

T= 3400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	27.6990	-1.3045	1.00000
-2.20	1.0000	1.5000	2.5000	27.2385	-1.1045	1.00000
-2.00	1.0000	1.5000	2.5000	26.7780	-0.9045	1.00000
-1.80	1.0000	1.5000	2.5000	26.3174	-0.7045	1.00000
-1.60	1.0000	1.5000	2.5000	25.8569	-0.5045	1.00000
-1.40	1.0000	1.5000	2.5000	25.3964	-0.3045	1.00000
-1.20	1.0001	1.5000	2.5001	24.9358	-0.1045	1.00000
-1.00	1.0001	1.5000	2.5001	24.4753	0.0955	1.00000
-0.80	1.0002	1.5000	2.5002	24.0147	0.2956	1.00000
-0.60	1.0003	1.5000	2.5003	23.5541	0.4956	1.00000
-0.40	1.0005	1.5000	2.5005	23.0934	0.6957	1.00000
-0.20	1.0007	1.5000	2.5008	22.6326	0.8958	1.00000
0.0	1.0012	1.5000	2.5012	22.1717	1.0960	1.00000
0.20	1.0019	1.5000	2.5019	21.7105	1.2963	1.00000
0.40	1.0030	1.5001	2.5031	21.2489	1.4968	1.00000
0.60	1.0047	1.5001	2.5048	20.7866	1.6975	1.00000
0.80	1.0075	1.5002	2.5077	20.3234	1.8987	1.00000
1.00	1.0119	1.5003	2.5122	19.8586	2.1006	1.00000
1.20	1.0188	1.5004	2.5193	19.3913	2.3036	1.00000
1.40	1.0299	1.5007	2.5306	18.9200	2.5083	1.00000
1.60	1.0473	1.5011	2.5485	18.4425	2.7156	1.00000
1.80	1.0750	1.5018	2.5768	17.9549	2.9269	1.00000
2.00	1.1189	1.5028	2.6217	17.4516	3.1443	1.00000
2.20	1.1884	1.5045	2.6929	16.9232	3.3704	1.00000
2.40	1.2986	1.5071	2.8057	16.3551	3.6089	1.00000

T= 3500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.7292	-3.8919	1.00000
-4.80	1.0000	1.5000	2.5000	33.2687	-3.6919	1.00000
-4.60	1.0000	1.5000	2.5000	32.8082	-3.4919	1.00000
-4.40	1.0000	1.5000	2.5000	32.3477	-3.2919	1.00000
-4.20	1.0000	1.5000	2.5000	31.8872	-3.0919	1.00000
-4.00	1.0000	1.5000	2.5000	31.4266	-2.8919	1.00000
-3.80	1.0000	1.5000	2.5000	30.9661	-2.6919	1.00000
-3.60	1.0000	1.5000	2.5000	30.5056	-2.4919	1.00000
-3.40	1.0000	1.5000	2.5000	30.0451	-2.2919	1.00000
-3.20	1.0000	1.5000	2.5000	29.5846	-2.0919	1.00000
-3.00	1.0000	1.5000	2.5000	29.1241	-1.8919	1.00000
-2.80	1.0000	1.5000	2.5000	28.6635	-1.6919	1.00000
-2.60	1.0000	1.5000	2.5000	28.2030	-1.4919	1.00000
-2.40	1.0000	1.5000	2.5000	27.7425	-1.2919	1.00000
-2.20	1.0000	1.5000	2.5000	27.2820	-1.0919	1.00000
-2.00	1.0000	1.5000	2.5000	26.8215	-0.8919	1.00000
-1.80	1.0000	1.5000	2.5000	26.3609	-0.6919	1.00000
-1.60	1.0000	1.5000	2.5000	25.9004	-0.4919	1.00000
-1.40	1.0000	1.5000	2.5000	25.4399	-0.2919	1.00000
-1.20	1.0001	1.5000	2.5001	24.9793	-0.0919	1.00000
-1.00	1.0001	1.5000	2.5001	24.5188	0.1081	1.00000
-0.80	1.0002	1.5000	2.5002	24.0582	0.3081	1.00000
-0.60	1.0003	1.5000	2.5003	23.5976	0.5082	1.00000
-0.40	1.0005	1.5000	2.5005	23.1369	0.7083	1.00000
-0.20	1.0007	1.5000	2.5008	22.6761	0.9084	1.00000
0.0	1.0012	1.5000	2.5012	22.2151	1.1086	1.00000

T= 3500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0019	1.5001	2.5019	21.7540	1.3089	1.00000
0.40	1.0030	1.5001	2.5031	21.2924	1.5094	1.00000
0.60	1.0047	1.5001	2.5049	20.8302	1.7101	1.00000
0.80	1.0075	1.5002	2.5077	20.3670	1.9113	1.00000
1.00	1.0119	1.5003	2.5122	19.9022	2.1132	1.00000
1.20	1.0188	1.5005	2.5194	19.4349	2.3162	1.00000
1.40	1.0298	1.5009	2.5307	18.9637	2.5208	1.00000
1.60	1.0473	1.5014	2.5487	18.4862	2.7281	1.00000
1.80	1.0749	1.5022	2.5771	17.9989	2.9395	1.00000
2.00	1.1188	1.5034	2.6222	17.4958	3.1568	1.00000
2.20	1.1883	1.5055	2.6937	16.9678	3.3830	1.00000
2.40	1.2984	1.5087	2.8070	16.4004	3.6215	1.00000

T= 3600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.7715	-3.8797	1.00000
-4.80	1.0000	1.5000	2.5000	33.3110	-3.6797	1.00000
-4.60	1.0000	1.5000	2.5000	32.8504	-3.4797	1.00000
-4.40	1.0000	1.5000	2.5000	32.3899	-3.2797	1.00000
-4.20	1.0000	1.5000	2.5000	31.9294	-3.0797	1.00000
-4.00	1.0000	1.5000	2.5000	31.4689	-2.8797	1.00000
-3.80	1.0000	1.5000	2.5000	31.0084	-2.6797	1.00000
-3.60	1.0000	1.5000	2.5000	30.5479	-2.4797	1.00000
-3.40	1.0000	1.5000	2.5000	30.0873	-2.2797	1.00000
-3.20	1.0000	1.5000	2.5000	29.6268	-2.0797	1.00000
-3.00	1.0000	1.5000	2.5000	29.1663	-1.8797	1.00000
-2.80	1.0000	1.5000	2.5000	28.7058	-1.6797	1.00000
-2.60	1.0000	1.5000	2.5000	28.2453	-1.4797	1.00000
-2.40	1.0000	1.5000	2.5000	27.7848	-1.2797	1.00000
-2.20	1.0000	1.5000	2.5000	27.3242	-1.0797	1.00000
-2.00	1.0000	1.5000	2.5000	26.8637	-0.8797	1.00000
-1.80	1.0000	1.5000	2.5000	26.4032	-0.6797	1.00000
-1.60	1.0000	1.5000	2.5000	25.9427	-0.4797	1.00000
-1.40	1.0000	1.5000	2.5000	25.4821	-0.2797	1.00000
-1.20	1.0001	1.5000	2.5001	25.0216	-0.0797	1.00000
-1.00	1.0001	1.5000	2.5001	24.5610	0.1204	1.00000
-0.80	1.0002	1.5000	2.5002	24.1004	0.3204	1.00000
-0.60	1.0003	1.5000	2.5003	23.6398	0.5204	1.00000
-0.40	1.0005	1.5000	2.5005	23.1791	0.7205	1.00000
-0.20	1.0007	1.5000	2.5008	22.7183	0.9206	1.00000
0.0	1.0012	1.5000	2.5012	22.2574	1.1208	1.00000
0.20	1.0019	1.5001	2.5019	21.7962	1.3211	1.00000
0.40	1.0030	1.5001	2.5031	21.3346	1.5215	1.00000
0.60	1.0047	1.5002	2.5049	20.8724	1.7223	1.00000
0.80	1.0075	1.5003	2.5077	20.4093	1.9235	1.00000
1.00	1.0119	1.5004	2.5123	19.9445	2.1254	1.00000
1.20	1.0188	1.5006	2.5194	19.4773	2.3284	1.00000
1.40	1.0298	1.5010	2.5308	19.0061	2.5331	1.00000
1.60	1.0472	1.5016	2.5488	18.5288	2.7403	1.00000
1.80	1.0749	1.5025	2.5774	18.0416	2.9517	1.00000
2.00	1.1187	1.5040	2.6227	17.5387	3.1690	1.00000
2.20	1.1881	1.5064	2.6945	17.0112	3.3951	1.00000
2.40	1.2981	1.5101	2.8082	16.4444	3.6336	1.00000

T= 3800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.8526	-3.8562	1.00000
-4.80	1.0000	1.5000	2.5000	33.3921	-3.6562	1.00000
-4.60	1.0000	1.5000	2.5000	32.9316	-3.4562	1.00000
-4.40	1.0000	1.5000	2.5000	32.4710	-3.2562	1.00000
-4.20	1.0000	1.5000	2.5000	32.0105	-3.0562	1.00000
-4.00	1.0000	1.5000	2.5000	31.5500	-2.8562	1.00000
-3.80	1.0000	1.5000	2.5000	31.0895	-2.6562	1.00000
-3.60	1.0000	1.5000	2.5000	30.6290	-2.4562	1.00000
-3.40	1.0000	1.5000	2.5000	30.1684	-2.2562	1.00000
-3.20	1.0000	1.5000	2.5000	29.7079	-2.0562	1.00000
-3.00	1.0000	1.5000	2.5000	29.2474	-1.8562	1.00000
-2.80	1.0000	1.5000	2.5000	28.7869	-1.6562	1.00000
-2.60	1.0000	1.5000	2.5000	28.3264	-1.4562	1.00000
-2.40	1.0000	1.5000	2.5000	27.8659	-1.2562	1.00000
-2.20	1.0000	1.5000	2.5000	27.4053	-1.0562	1.00000
-2.00	1.0000	1.5000	2.5000	26.9448	-0.8562	1.00000
-1.80	1.0000	1.5000	2.5000	26.4843	-0.6562	1.00000
-1.60	1.0000	1.5000	2.5000	26.0238	-0.4562	1.00000
-1.40	1.0000	1.5000	2.5000	25.5632	-0.2562	1.00000
-1.20	1.0001	1.5000	2.5001	25.1027	-0.0562	1.00000
-1.00	1.0001	1.5000	2.5001	24.6421	0.1438	1.00000
-0.80	1.0002	1.5000	2.5002	24.1815	0.3439	1.00000
-0.60	1.0003	1.5000	2.5003	23.7209	0.5439	1.00000
-0.40	1.0005	1.5000	2.5005	23.2602	0.7440	1.00000
-0.20	1.0007	1.5000	2.5008	22.7995	0.9441	1.00000
0.0	1.0012	1.5001	2.5012	22.3385	1.1443	1.00000
0.20	1.0019	1.5001	2.5020	21.8773	1.3446	1.00000
0.40	1.0030	1.5001	2.5031	21.4158	1.5451	1.00000
0.60	1.0047	1.5002	2.5049	20.9536	1.7458	1.00000
0.80	1.0075	1.5003	2.5078	20.4904	1.9470	1.00000
1.00	1.0118	1.5005	2.5124	20.0257	2.1489	1.00000
1.20	1.0188	1.5008	2.5196	19.5586	2.3519	1.00000
1.40	1.0297	1.5013	2.5310	19.0876	2.5565	1.00000
1.60	1.0471	1.5020	2.5492	18.6104	2.7638	1.00000
1.80	1.0747	1.5032	2.5779	18.1235	2.9751	1.00000
2.00	1.1184	1.5051	2.6235	17.6211	3.1924	1.00000
2.20	1.1877	1.5080	2.6957	17.0943	3.4185	1.00000
2.40	1.2975	1.5127	2.8102	16.5287	3.6569	1.00000

T= 4000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5000	2.5000	33.9295	-3.8339	1.00000
-4.80	1.0000	1.5000	2.5000	33.4690	-3.6339	1.00000
-4.60	1.0000	1.5000	2.5000	33.0085	-3.4339	1.00000
-4.40	1.0000	1.5000	2.5000	32.5480	-3.2339	1.00000
-4.20	1.0000	1.5000	2.5000	32.0875	-3.0339	1.00000
-4.00	1.0000	1.5000	2.5000	31.6269	-2.8339	1.00000
-3.80	1.0000	1.5000	2.5000	31.1664	-2.6339	1.00000
-3.60	1.0000	1.5000	2.5000	30.7059	-2.4339	1.00000
-3.40	1.0000	1.5000	2.5000	30.2454	-2.2339	1.00000
-3.20	1.0000	1.5000	2.5000	29.7849	-2.0339	1.00000
-3.00	1.0000	1.5000	2.5000	29.3244	-1.8339	1.00000
-2.80	1.0000	1.5000	2.5000	28.8638	-1.6339	1.00000
-2.60	1.0000	1.5000	2.5000	28.4033	-1.4339	1.00000

T= 4000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	27.9428	-1.2339	1.00000
-2.20	1.0000	1.5000	2.5000	27.4823	-1.0339	1.00000
-2.00	1.0000	1.5000	2.5000	27.0218	-0.8339	1.00000
-1.80	1.0000	1.5000	2.5000	26.5612	-0.6339	1.00000
-1.60	1.0000	1.5000	2.5000	26.1007	-0.4339	1.00000
-1.40	1.0000	1.5000	2.5000	25.6402	-0.2339	1.00000
-1.20	1.0001	1.5000	2.5001	25.1796	-0.0339	1.00000
-1.00	1.0001	1.5000	2.5001	24.7191	0.1661	1.00000
-0.80	1.0002	1.5000	2.5002	24.2585	0.3661	1.00000
-0.60	1.0003	1.5000	2.5003	23.7979	0.5662	1.00000
-0.40	1.0005	1.5000	2.5005	23.3372	0.7663	1.00000
-0.20	1.0007	1.5000	2.5008	22.8764	0.9664	1.00000
0.0	1.0012	1.5001	2.5012	22.4155	1.1666	1.00000
0.20	1.0019	1.5001	2.5020	21.9543	1.3669	1.00000
0.40	1.0030	1.5002	2.5031	21.4927	1.5673	1.00000
0.60	1.0047	1.5002	2.5049	21.0306	1.7681	1.00000
0.80	1.0074	1.5004	2.5078	20.5675	1.9693	1.00000
1.00	1.0118	1.5006	2.5124	20.1028	2.1712	1.00000
1.20	1.0187	1.5010	2.5197	19.6357	2.3741	1.00000
1.40	1.0297	1.5015	2.5312	19.1648	2.5788	1.00000
1.60	1.0470	1.5024	2.5494	18.6878	2.7860	1.00000
1.80	1.0745	1.5038	2.5783	18.2012	2.9973	1.00000
2.00	1.1181	1.5060	2.6242	17.6993	3.2146	1.00000
2.20	1.1872	1.5095	2.6968	17.1732	3.4406	1.00000
2.40	1.2968	1.5151	2.8119	16.6087	3.6789	1.00000

T= 4200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5001	2.5001	34.0028	-3.8128	1.00000
-4.80	1.0000	1.5001	2.5001	33.5423	-3.6128	1.00000
-4.60	1.0000	1.5001	2.5001	33.0817	-3.4128	1.00000
-4.40	1.0000	1.5000	2.5000	32.6212	-3.2128	1.00000
-4.20	1.0000	1.5000	2.5000	32.1607	-3.0128	1.00000
-4.00	1.0000	1.5000	2.5000	31.7002	-2.8128	1.00000
-3.80	1.0000	1.5000	2.5000	31.2396	-2.6128	1.00000
-3.60	1.0000	1.5000	2.5000	30.7791	-2.4128	1.00000
-3.40	1.0000	1.5000	2.5000	30.3186	-2.2128	1.00000
-3.20	1.0000	1.5000	2.5000	29.8581	-2.0128	1.00000
-3.00	1.0000	1.5000	2.5000	29.3975	-1.8128	1.00000
-2.80	1.0000	1.5000	2.5000	28.9370	-1.6128	1.00000
-2.60	1.0000	1.5000	2.5000	28.4765	-1.4128	1.00000
-2.40	1.0000	1.5000	2.5000	28.0160	-1.2128	1.00000
-2.20	1.0000	1.5000	2.5000	27.5555	-1.0128	1.00000
-2.00	1.0000	1.5000	2.5000	27.0949	-0.8127	1.00000
-1.80	1.0000	1.5000	2.5000	26.6344	-0.6127	1.00000
-1.60	1.0000	1.5000	2.5000	26.1739	-0.4127	1.00000
-1.40	1.0000	1.5000	2.5001	25.7134	-0.2127	1.00000
-1.20	1.0001	1.5000	2.5001	25.2528	-0.0127	1.00000
-1.00	1.0001	1.5000	2.5001	24.7923	0.1873	1.00000
-0.80	1.0002	1.5000	2.5002	24.3317	0.3873	1.00000
-0.60	1.0003	1.5000	2.5003	23.8711	0.5874	1.00000
-0.40	1.0005	1.5000	2.5005	23.4104	0.7874	1.00000
-0.20	1.0007	1.5000	2.5008	22.9496	0.9876	1.00000
0.0	1.0012	1.5001	2.5012	22.4887	1.1878	1.00000

T= 4200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0019	1.5001	2.5020	22.0275	1.3881	1.00000
0.40	1.0030	1.5002	2.5031	21.5660	1.5885	1.00000
0.60	1.0047	1.5003	2.5050	21.1038	1.7893	1.00000
0.80	1.0074	1.5004	2.5079	20.6407	1.9905	1.00000
1.00	1.0118	1.5007	2.5125	20.1761	2.1923	1.00000
1.20	1.0187	1.5011	2.5198	19.7091	2.3953	1.00000
1.40	1.0296	1.5017	2.5313	19.2383	2.5999	1.00000
1.60	1.0469	1.5027	2.5496	18.7615	2.8072	1.00000
1.80	1.0743	1.5043	2.5787	18.2751	3.0184	1.00000
2.00	1.1178	1.5069	2.6247	17.7736	3.2355	1.00000
2.20	1.1867	1.5109	2.6976	17.2482	3.4616	1.00000
2.40	1.2960	1.5172	2.8132	16.6848	3.6998	1.00000

T= 4400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5002	2.5002	34.0727	-3.7925	1.00000
-4.80	1.0000	1.5002	2.5002	33.6121	-3.5925	1.00000
-4.60	1.0000	1.5001	2.5001	33.1516	-3.3925	1.00000
-4.40	1.0000	1.5001	2.5001	32.6911	-3.1925	1.00000
-4.20	1.0000	1.5001	2.5001	32.2305	-2.9925	1.00000
-4.00	1.0000	1.5001	2.5001	31.7700	-2.7925	1.00000
-3.80	1.0000	1.5001	2.5001	31.3094	-2.5925	1.00000
-3.60	1.0000	1.5000	2.5000	30.8489	-2.3926	1.00000
-3.40	1.0000	1.5000	2.5000	30.3884	-2.1926	1.00000
-3.20	1.0000	1.5000	2.5000	29.9279	-1.9926	1.00000
-3.00	1.0000	1.5000	2.5000	29.4673	-1.7925	1.00000
-2.80	1.0000	1.5000	2.5000	29.0068	-1.5925	1.00000
-2.60	1.0000	1.5000	2.5000	28.5463	-1.3925	1.00000
-2.40	1.0000	1.5000	2.5000	28.0858	-1.1925	1.00000
-2.20	1.0000	1.5000	2.5000	27.6253	-0.9925	1.00000
-2.00	1.0000	1.5000	2.5000	27.1647	-0.7925	1.00000
-1.80	1.0000	1.5000	2.5000	26.7042	-0.5925	1.00000
-1.60	1.0000	1.5000	2.5000	26.2437	-0.3925	1.00000
-1.40	1.0000	1.5000	2.5001	25.7831	-0.1925	1.00000
-1.20	1.0001	1.5000	2.5001	25.3226	0.0075	1.00000
-1.00	1.0001	1.5000	2.5001	24.8620	0.2075	1.00000
-0.80	1.0002	1.5000	2.5002	24.4015	0.4075	1.00000
-0.60	1.0003	1.5000	2.5003	23.9408	0.6076	1.00000
-0.40	1.0005	1.5000	2.5005	23.4802	0.8077	1.00000
-0.20	1.0007	1.5000	2.5008	23.0194	1.0078	1.00000
0.0	1.0012	1.5001	2.5013	22.5585	1.2080	1.00000
0.20	1.0019	1.5001	2.5020	22.0973	1.4083	1.00000
0.40	1.0029	1.5002	2.5031	21.6358	1.6087	1.00000
0.60	1.0047	1.5003	2.5050	21.1736	1.8095	1.00000
0.80	1.0074	1.5005	2.5079	20.7106	2.0107	1.00000
1.00	1.0117	1.5008	2.5125	20.2460	2.2125	1.00000
1.20	1.0186	1.5012	2.5198	19.7790	2.4155	1.00000
1.40	1.0295	1.5019	2.5314	19.3083	2.6201	1.00000
1.60	1.0468	1.5030	2.5498	18.8317	2.8273	1.00000
1.80	1.0741	1.5048	2.5789	18.3456	3.0385	1.00000
2.00	1.1175	1.5076	2.6251	17.8445	3.2557	1.00000
2.20	1.1862	1.5121	2.6983	17.3197	3.4816	1.00000
2.40	1.2951	1.5191	2.8142	16.7573	3.7198	1.00000

T= 4500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5003	2.5003	34.1066	-3.7828	1.00001
-4.80	1.0000	1.5003	2.5003	33.6460	-3.5828	1.00001
-4.60	1.0000	1.5002	2.5002	33.1854	-3.3828	1.00001
-4.40	1.0000	1.5002	2.5002	32.7248	-3.1828	1.00000
-4.20	1.0000	1.5001	2.5001	32.2643	-2.9828	1.00000
-4.00	1.0000	1.5001	2.5001	31.8037	-2.7828	1.00000
-3.80	1.0000	1.5001	2.5001	31.3432	-2.5828	1.00000
-3.60	1.0000	1.5001	2.5001	30.8826	-2.3828	1.00000
-3.40	1.0000	1.5001	2.5001	30.4221	-2.1828	1.00000
-3.20	1.0000	1.5000	2.5000	29.9616	-1.9828	1.00000
-3.00	1.0000	1.5000	2.5000	29.5011	-1.7828	1.00000
-2.80	1.0000	1.5000	2.5000	29.0405	-1.5828	1.00000
-2.60	1.0000	1.5000	2.5000	28.5800	-1.3828	1.00000
-2.40	1.0000	1.5000	2.5000	28.1195	-1.1828	1.00000
-2.20	1.0000	1.5000	2.5000	27.6590	-0.9828	1.00000
-2.00	1.0000	1.5000	2.5000	27.1984	-0.7828	1.00000
-1.80	1.0000	1.5000	2.5000	26.7379	-0.5828	1.00000
-1.60	1.0000	1.5000	2.5000	26.2774	-0.3828	1.00000
-1.40	1.0000	1.5000	2.5001	25.8169	-0.1828	1.00000
-1.20	1.0001	1.5000	2.5001	25.3563	0.0172	1.00000
-1.00	1.0001	1.5000	2.5001	24.8958	0.2173	1.00000
-0.80	1.0002	1.5000	2.5002	24.4352	0.4173	1.00000
-0.60	1.0003	1.5000	2.5003	23.9745	0.6173	1.00000
-0.40	1.0005	1.5000	2.5005	23.5139	0.8174	1.00000
-0.20	1.0007	1.5001	2.5008	23.0531	1.0175	1.00000
0.0	1.0012	1.5001	2.5013	22.5922	1.2177	1.00000
0.20	1.0019	1.5001	2.5020	22.1310	1.4180	1.00000
0.40	1.0029	1.5002	2.5031	21.6695	1.6185	1.00000
0.60	1.0047	1.5003	2.5050	21.2074	1.8192	1.00000
0.80	1.0074	1.5005	2.5079	20.7443	2.0204	1.00000
1.00	1.0117	1.5008	2.5125	20.2798	2.2223	1.00000
1.20	1.0186	1.5013	2.5199	19.8128	2.4252	1.00000
1.40	1.0295	1.5020	2.5315	19.3422	2.6298	1.00000
1.60	1.0467	1.5032	2.5499	18.8656	2.8370	1.00000
1.80	1.0740	1.5050	2.5790	18.3796	3.0482	1.00000
2.00	1.1173	1.5080	2.6253	17.8787	3.2654	1.00000
2.20	1.1859	1.5126	2.6986	17.3543	3.4913	1.00000
2.40	1.2947	1.5200	2.8147	16.7924	3.7294	1.00000

T= 4600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5005	2.5005	34.1397	-3.7732	1.00001
-4.80	1.0000	1.5004	2.5004	33.6791	-3.5732	1.00001
-4.60	1.0000	1.5003	2.5003	33.2185	-3.3732	1.00001
-4.40	1.0000	1.5003	2.5003	32.7579	-3.1732	1.00001
-4.20	1.0000	1.5002	2.5002	32.2973	-2.9732	1.00001
-4.00	1.0000	1.5002	2.5002	31.8368	-2.7732	1.00000
-3.80	1.0000	1.5001	2.5001	31.3762	-2.5732	1.00000
-3.60	1.0000	1.5001	2.5001	30.9157	-2.3732	1.00000
-3.40	1.0000	1.5001	2.5001	30.4551	-2.1732	1.00000
-3.20	1.0000	1.5001	2.5001	29.9946	-1.9732	1.00000
-3.00	1.0000	1.5001	2.5001	29.5341	-1.7732	1.00000
-2.80	1.0000	1.5000	2.5000	29.0735	-1.5732	1.00000
-2.60	1.0000	1.5000	2.5000	28.6130	-1.3732	1.00000

T= 4600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5000	2.5000	28.1525	-1.1732	1.00000
-2.20	1.0000	1.5000	2.5000	27.6919	-0.9732	1.00000
-2.00	1.0000	1.5000	2.5000	27.2314	-0.7732	1.00000
-1.80	1.0000	1.5000	2.5000	26.7709	-0.5732	1.00000
-1.60	1.0000	1.5000	2.5000	26.3104	-0.3732	1.00000
-1.40	1.0000	1.5000	2.5001	25.8498	-0.1732	1.00000
-1.20	1.0001	1.5000	2.5001	25.3893	0.0268	1.00000
-1.00	1.0001	1.5000	2.5001	24.9287	0.2268	1.00000
-0.80	1.0002	1.5000	2.5002	24.4681	0.4268	1.00000
-0.60	1.0003	1.5000	2.5003	24.0075	0.6269	1.00000
-0.40	1.0005	1.5000	2.5005	23.5468	0.8270	1.00000
-0.20	1.0007	1.5001	2.5008	23.0861	1.0271	1.00000
0.0	1.0012	1.5001	2.5013	22.6252	1.2273	1.00000
0.20	1.0019	1.5001	2.5020	22.1640	1.4276	1.00000
0.40	1.0029	1.5002	2.5032	21.7025	1.6280	1.00000
0.60	1.0047	1.5003	2.5050	21.2404	1.8288	1.00000
0.80	1.0074	1.5005	2.5079	20.7773	2.0300	1.00000
1.00	1.0117	1.5008	2.5125	20.3128	2.2318	1.00000
1.20	1.0186	1.5013	2.5199	19.8459	2.4347	1.00000
1.40	1.0294	1.5021	2.5315	19.3753	2.6393	1.00000
1.60	1.0466	1.5033	2.5499	18.8988	2.8465	1.00000
1.80	1.0739	1.5052	2.5791	18.4129	3.0577	1.00000
2.00	1.1171	1.5083	2.6254	17.9122	3.2749	1.00000
2.20	1.1857	1.5131	2.6988	17.3880	3.5007	1.00000
2.40	1.2942	1.5208	2.8151	16.8266	3.7388	1.00000

T= 4800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	1.5012	2.5012	34.2043	-3.7547	1.00003
-4.80	1.0000	1.5009	2.5010	33.7435	-3.5548	1.00002
-4.60	1.0000	1.5008	2.5008	33.2828	-3.3548	1.00002
-4.40	1.0000	1.5006	2.5006	32.8221	-3.1548	1.00002
-4.20	1.0000	1.5005	2.5005	32.3614	-2.9548	1.00001
-4.00	1.0000	1.5004	2.5004	31.9008	-2.7548	1.00001
-3.80	1.0000	1.5003	2.5003	31.4402	-2.5548	1.00001
-3.60	1.0000	1.5002	2.5002	30.9796	-2.3548	1.00001
-3.40	1.0000	1.5002	2.5002	30.5191	-2.1548	1.00000
-3.20	1.0000	1.5001	2.5002	30.0585	-1.9548	1.00000
-3.00	1.0000	1.5001	2.5001	29.5980	-1.7548	1.00000
-2.80	1.0000	1.5001	2.5001	29.1374	-1.5548	1.00000
-2.60	1.0000	1.5001	2.5001	28.6769	-1.3548	1.00000
-2.40	1.0000	1.5001	2.5001	28.2163	-1.1548	1.00000
-2.20	1.0000	1.5000	2.5001	27.7558	-0.9548	1.00000
-2.00	1.0000	1.5000	2.5001	27.2953	-0.7548	1.00000
-1.80	1.0000	1.5000	2.5001	26.8348	-0.5548	1.00000
-1.60	1.0000	1.5000	2.5001	26.3742	-0.3547	1.00000
-1.40	1.0000	1.5000	2.5001	25.9137	-0.1547	1.00000
-1.20	1.0001	1.5000	2.5001	25.4531	0.0453	1.00000
-1.00	1.0001	1.5000	2.5001	24.9926	0.2453	1.00000
-0.80	1.0002	1.5000	2.5002	24.5320	0.4453	1.00000
-0.60	1.0003	1.5000	2.5003	24.0714	0.6454	1.00000
-0.40	1.0005	1.5000	2.5005	23.6107	0.8454	1.00000
-0.20	1.0007	1.5001	2.5008	23.1499	1.0456	1.00000
0.0	1.0012	1.5001	2.5013	22.6890	1.2457	1.00000

T= 4800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0018	1.5001	2.5020	22.2279	1.4460	1.00000
0.40	1.0029	1.5002	2.5032	21.7663	1.6465	1.00000
0.60	1.0046	1.5004	2.5050	21.3042	1.8473	1.00000
0.80	1.0074	1.5006	2.5079	20.8412	2.0484	1.00000
1.00	1.0117	1.5009	2.5126	20.3767	2.2503	1.00000
1.20	1.0185	1.5014	2.5199	19.9099	2.4532	1.00000
1.40	1.0293	1.5022	2.5316	19.4394	2.6578	1.00000
1.60	1.0465	1.5035	2.5503	18.9630	2.8650	1.00000
1.80	1.0737	1.5056	2.5793	18.4774	3.0761	1.00000
2.00	1.1168	1.5089	2.6257	17.9771	3.2932	1.00000
2.20	1.1851	1.5141	2.6992	17.4535	3.5190	1.00000
2.40	1.2933	1.5224	2.8157	16.8929	3.7569	1.00000

T= 5000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0001	1.5025	2.5026	34.2669	-3.7370	1.00007
-4.80	1.0000	1.5020	2.5021	33.8058	-3.5370	1.00005
-4.60	1.0000	1.5016	2.5016	33.3449	-3.3370	1.00004
-4.40	1.0000	1.5013	2.5013	32.8840	-3.1370	1.00003
-4.20	1.0000	1.5010	2.5010	32.4232	-2.9370	1.00003
-4.00	1.0000	1.5008	2.5008	31.9625	-2.7370	1.00002
-3.80	1.0000	1.5006	2.5007	31.5018	-2.5370	1.00002
-3.60	1.0000	1.5005	2.5005	31.0411	-2.3370	1.00001
-3.40	1.0000	1.5004	2.5004	30.5805	-2.1370	1.00001
-3.20	1.0000	1.5003	2.5003	30.1199	-1.9370	1.00001
-3.00	1.0000	1.5003	2.5003	29.6593	-1.7370	1.00001
-2.80	1.0000	1.5002	2.5002	29.1988	-1.5370	1.00001
-2.60	1.0000	1.5002	2.5002	28.7382	-1.3370	1.00000
-2.40	1.0000	1.5001	2.5001	28.2776	-1.1370	1.00000
-2.20	1.0000	1.5001	2.5001	27.8171	-0.9370	1.00000
-2.00	1.0000	1.5001	2.5001	27.3566	-0.7370	1.00000
-1.80	1.0000	1.5001	2.5001	26.8960	-0.5370	1.00000
-1.60	1.0000	1.5001	2.5001	26.4355	-0.3370	1.00000
-1.40	1.0000	1.5000	2.5001	25.9749	-0.1370	1.00000
-1.20	1.0001	1.5000	2.5001	25.5144	0.0630	1.00000
-1.00	1.0001	1.5000	2.5002	25.0538	0.2630	1.00000
-0.80	1.0002	1.5000	2.5002	24.5932	0.4630	1.00000
-0.60	1.0003	1.5000	2.5003	24.1326	0.6631	1.00000
-0.40	1.0005	1.5001	2.5005	23.6719	0.8632	1.00000
-0.20	1.0007	1.5001	2.5008	23.2112	1.0633	1.00000
0.0	1.0012	1.5001	2.5013	22.7503	1.2635	1.00000
0.20	1.0018	1.5002	2.5020	22.2891	1.4638	1.00000
0.40	1.0029	1.5002	2.5032	21.8276	1.6642	1.00000
0.60	1.0046	1.5004	2.5050	21.3655	1.8650	1.00000
0.80	1.0073	1.5006	2.5079	20.9025	2.0661	1.00000
1.00	1.0116	1.5010	2.5126	20.4380	2.2680	1.00000
1.20	1.0184	1.5015	2.5200	19.9713	2.4709	1.00000
1.40	1.0292	1.5024	2.5316	19.5008	2.6755	1.00000
1.60	1.0463	1.5038	2.5501	19.0246	2.8826	1.00000
1.80	1.0734	1.5060	2.5794	18.5392	3.0937	1.00000
2.00	1.1164	1.5095	2.6259	18.0392	3.3108	1.00000
2.20	1.1845	1.5150	2.6995	17.5162	3.5365	1.00000
2.40	1.2924	1.5238	2.8162	16.9565	3.7744	1.00000

T= 5200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0001	1.5051	2.5052	34.3284	-3.7199	1.00014
-4.80	1.0001	1.5040	2.5042	33.8668	-3.5200	1.00011
-4.60	1.0001	1.5032	2.5033	33.4054	-3.3200	1.00009
-4.40	1.0001	1.5026	2.5026	32.9442	-3.1200	1.00007
-4.20	1.0001	1.5020	2.5021	32.4831	-2.9200	1.00006
-4.00	1.0000	1.5016	2.5017	32.0222	-2.7200	1.00004
-3.80	1.0000	1.5013	2.5013	31.5613	-2.5200	1.00003
-3.60	1.0000	1.5010	2.5010	31.1005	-2.3200	1.00003
-3.40	1.0000	1.5008	2.5008	30.6398	-2.1200	1.00002
-3.20	1.0000	1.5006	2.5007	30.1791	-1.9200	1.00002
-3.00	1.0000	1.5005	2.5005	29.7184	-1.7200	1.00001
-2.80	1.0000	1.5004	2.5004	29.2578	-1.5200	1.00001
-2.60	1.0000	1.5003	2.5003	28.7972	-1.3200	1.00001
-2.40	1.0000	1.5003	2.5003	28.3366	-1.1200	1.00001
-2.20	1.0000	1.5002	2.5002	27.8760	-0.9200	1.00001
-2.00	1.0000	1.5002	2.5002	27.4155	-0.7200	1.00000
-1.80	1.0000	1.5001	2.5002	26.9549	-0.5200	1.00000
-1.60	1.0000	1.5001	2.5001	26.4944	-0.3200	1.00000
-1.40	1.0000	1.5001	2.5001	26.0338	-0.1200	1.00000
-1.20	1.0001	1.5001	2.5001	25.5732	0.0800	1.00000
-1.00	1.0001	1.5001	2.5002	25.1127	0.2801	1.00000
-0.80	1.0002	1.5001	2.5002	24.6521	0.4801	1.00000
-0.60	1.0003	1.5001	2.5003	24.1915	0.6801	1.00000
-0.40	1.0005	1.5001	2.5005	23.7308	0.8802	1.00000
-0.20	1.0007	1.5001	2.5008	23.2700	1.0803	1.00000
0.0	1.0012	1.5001	2.5013	22.8091	1.2805	1.00000
0.20	1.0018	1.5002	2.5020	22.3480	1.4808	1.00000
0.40	1.0029	1.5003	2.5032	21.8865	1.6813	1.00000
0.60	1.0046	1.5004	2.5050	21.4244	1.8820	1.00000
0.80	1.0073	1.5006	2.5080	20.9614	2.0832	1.00000
1.00	1.0116	1.5010	2.5126	20.4970	2.2850	1.00000
1.20	1.0184	1.5016	2.5200	20.0302	2.4879	1.00000
1.40	1.0291	1.5025	2.5317	19.5599	2.6925	1.00000
1.60	1.0462	1.5040	2.5502	19.0838	2.8996	1.00000
1.80	1.0732	1.5063	2.5795	18.5986	3.1107	1.00000
2.00	1.1160	1.5100	2.6260	18.0990	3.3277	1.00000
2.20	1.1839	1.5158	2.6997	17.5764	3.5533	1.00000
2.40	1.2914	1.5251	2.8165	17.0176	3.7911	1.00000

T= 5400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0003	1.5097	2.5100	34.3899	-3.7035	1.00027
-4.80	1.0002	1.5077	2.5079	33.9273	-3.5035	1.00022
-4.60	1.0002	1.5061	2.5063	33.4651	-3.3035	1.00017
-4.40	1.0001	1.5049	2.5050	33.0033	-3.1036	1.00014
-4.20	1.0001	1.5039	2.5040	32.5417	-2.9036	1.00011
-4.00	1.0001	1.5031	2.5032	32.0803	-2.7036	1.00009
-3.80	1.0001	1.5024	2.5025	31.6191	-2.5036	1.00007
-3.60	1.0000	1.5019	2.5020	31.1581	-2.3036	1.00005
-3.40	1.0000	1.5015	2.5016	30.6972	-2.1036	1.00004
-3.20	1.0000	1.5012	2.5013	30.2363	-1.9036	1.00003
-3.00	1.0000	1.5010	2.5010	29.7755	-1.7036	1.00003
-2.80	1.0000	1.5008	2.5008	29.3148	-1.5036	1.00002
-2.60	1.0000	1.5006	2.5006	28.8541	-1.3036	1.00002

T= 5400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0000	1.5005	2.5005	28.3935	-1.1036	1.00001
-2.20	1.0000	1.5004	2.5004	27.9328	-0.9036	1.00001
-2.00	1.0000	1.5003	2.5003	27.4722	-0.7036	1.00001
-1.80	1.0000	1.5002	2.5003	27.0116	-0.5036	1.00001
-1.60	1.0000	1.5002	2.5002	26.5511	-0.3036	1.00001
-1.40	1.0000	1.5002	2.5002	26.0905	-0.1036	1.00000
-1.20	1.0001	1.5001	2.5002	25.6299	0.0964	1.00000
-1.00	1.0001	1.5001	2.5002	25.1693	0.2964	1.00000
-0.80	1.0002	1.5001	2.5003	24.7087	0.4965	1.00000
-0.60	1.0003	1.5001	2.5004	24.2481	0.6965	1.00000
-0.40	1.0005	1.5001	2.5006	23.7874	0.8966	1.00000
-0.20	1.0007	1.5001	2.5008	23.3266	1.0967	1.00000
0.0	1.0012	1.5001	2.5013	22.8657	1.2969	1.00000
0.20	1.0018	1.5002	2.5020	22.4046	1.4972	1.00000
0.40	1.0029	1.5003	2.5032	21.9431	1.6977	1.00000
0.60	1.0046	1.5004	2.5050	21.4810	1.8984	1.00000
0.80	1.0073	1.5007	2.5080	21.0181	2.0995	1.00000
1.00	1.0116	1.5011	2.5126	20.5537	2.3014	1.00000
1.20	1.0183	1.5017	2.5200	20.0870	2.5043	1.00000
1.40	1.0290	1.5026	2.5317	19.6167	2.7088	1.00000
1.60	1.0460	1.5042	2.5502	19.1408	2.9159	1.00000
1.80	1.0730	1.5066	2.5796	18.6558	3.1270	1.00000
2.00	1.1156	1.5105	2.6261	18.1564	3.3439	1.00000
2.20	1.1833	1.5166	2.6999	17.6344	3.5695	1.00000
2.40	1.2904	1.5263	2.8168	17.0764	3.8071	1.00000

T= 5500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0004	1.5132	2.5135	34.4211	-3.6955	1.00038
-4.80	1.0003	1.5105	2.5108	33.9577	-3.4955	1.00030
-4.60	1.0002	1.5083	2.5085	33.4950	-3.2955	1.00024
-4.40	1.0002	1.5066	2.5068	33.0326	-3.0956	1.00019
-4.20	1.0001	1.5052	2.5054	32.5707	-2.8956	1.00015
-4.00	1.0001	1.5042	2.5043	32.1090	-2.6956	1.00012
-3.80	1.0001	1.5033	2.5034	31.6476	-2.4956	1.00009
-3.60	1.0001	1.5026	2.5027	31.1864	-2.2956	1.00008
-3.40	1.0001	1.5021	2.5021	30.7253	-2.0956	1.00006
-3.20	1.0000	1.5017	2.5017	30.2643	-1.8956	1.00005
-3.00	1.0000	1.5013	2.5014	29.8034	-1.6956	1.00004
-2.80	1.0000	1.5010	2.5011	29.3426	-1.4956	1.00003
-2.60	1.0000	1.5008	2.5009	28.8819	-1.2956	1.00002
-2.40	1.0000	1.5007	2.5007	28.4212	-1.0956	1.00002
-2.20	1.0000	1.5005	2.5005	27.9605	-0.8956	1.00002
-2.00	1.0000	1.5004	2.5004	27.4999	-0.6956	1.00001
-1.80	1.0000	1.5003	2.5004	27.0393	-0.4956	1.00001
-1.60	1.0000	1.5003	2.5003	26.5787	-0.2956	1.00001
-1.40	1.0000	1.5002	2.5003	26.1181	-0.0956	1.00001
-1.20	1.0001	1.5002	2.5003	25.6575	0.1044	1.00000
-1.00	1.0001	1.5001	2.5003	25.1969	0.3044	1.00000
-0.80	1.0002	1.5001	2.5003	24.7363	0.5044	1.00000
-0.60	1.0003	1.5001	2.5004	24.2757	0.7045	1.00000
-0.40	1.0005	1.5001	2.5006	23.8150	0.9046	1.00000
-0.20	1.0007	1.5001	2.5008	23.3542	1.1047	1.00000
0.0	1.0012	1.5001	2.5013	22.8933	1.3049	1.00000

T= 5500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0018	1.5002	2.5020	22.4321	1.5052	1.00000
0.40	1.0029	1.5003	2.5032	21.9706	1.7056	1.00000
0.60	1.0046	1.5004	2.5050	21.5086	1.9064	1.00000
0.80	1.0073	1.5007	2.5080	21.0456	2.1075	1.00000
1.00	1.0115	1.5011	2.5126	20.5812	2.3093	1.00000
1.20	1.0183	1.5017	2.5200	20.1146	2.5122	1.00000
1.40	1.0290	1.5027	2.5317	19.6444	2.7168	1.00000
1.60	1.0460	1.5043	2.5502	19.1685	2.9239	1.00000
1.80	1.0728	1.5068	2.5796	18.6835	3.1349	1.00000
2.00	1.1154	1.5107	2.6261	18.1844	3.3518	1.00000
2.20	1.1829	1.5170	2.6999	17.6626	3.5773	1.00000
2.40	1.2900	1.5269	2.8168	17.1050	3.8149	1.00000

T= 5600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0005	1.5177	2.5182	34.4529	-3.6876	1.00052
-4.80	1.0004	1.5140	2.5144	33.9886	-3.4875	1.00041
-4.60	1.0003	1.5111	2.5115	33.5250	-3.2877	1.00033
-4.40	1.0003	1.5089	2.5091	33.0620	-3.0877	1.00026
-4.20	1.0002	1.5070	2.5072	32.5996	-2.8877	1.00021
-4.00	1.0002	1.5056	2.5058	32.1376	-2.6877	1.00016
-3.80	1.0001	1.5044	2.5046	31.6758	-2.4878	1.00013
-3.60	1.0001	1.5035	2.5036	31.2143	-2.2878	1.00010
-3.40	1.0001	1.5028	2.5029	30.7531	-2.0878	1.00008
-3.20	1.0001	1.5022	2.5023	30.2919	-1.8878	1.00006
-3.00	1.0000	1.5018	2.5018	29.8309	-1.6878	1.00005
-2.80	1.0000	1.5014	2.5014	29.3700	-1.4878	1.00004
-2.60	1.0000	1.5011	2.5012	28.9092	-1.2878	1.00003
-2.40	1.0000	1.5009	2.5009	28.4484	-1.0878	1.00003
-2.20	1.0000	1.5007	2.5007	27.9877	-0.8878	1.00002
-2.00	1.0000	1.5006	2.5006	27.5271	-0.6878	1.00002
-1.80	1.0000	1.5004	2.5005	27.0664	-0.4878	1.00001
-1.60	1.0000	1.5004	2.5004	26.6058	-0.2878	1.00001
-1.40	1.0000	1.5003	2.5003	26.1452	-0.0878	1.00001
-1.20	1.0001	1.5002	2.5003	25.6846	0.1122	1.00001
-1.00	1.0001	1.5002	2.5003	25.2240	0.3122	1.00001
-0.80	1.0002	1.5002	2.5003	24.7634	0.5123	1.00000
-0.60	1.0003	1.5001	2.5004	24.3027	0.7123	1.00000
-0.40	1.0005	1.5001	2.5006	23.8420	0.9124	1.00000
-0.20	1.0007	1.5001	2.5009	23.3812	1.1125	1.00000
0.0	1.0011	1.5002	2.5013	22.9203	1.3127	1.00000
0.20	1.0018	1.5002	2.5020	22.4592	1.5130	1.00000
0.40	1.0029	1.5003	2.5032	21.9977	1.7134	1.00000
0.60	1.0046	1.5005	2.5051	21.5356	1.9142	1.00000
0.80	1.0073	1.5007	2.5080	21.0727	2.1153	1.00000
1.00	1.0115	1.5011	2.5126	20.6083	2.3172	1.00000
1.20	1.0183	1.5017	2.5200	20.1417	2.5200	1.00000
1.40	1.0289	1.5028	2.5317	19.6715	2.7246	1.00000
1.60	1.0459	1.5044	2.5502	19.1956	2.9317	1.00000
1.80	1.0727	1.5069	2.5796	18.7108	3.1427	1.00000
2.00	1.1152	1.5109	2.6262	18.2118	3.3596	1.00000
2.20	1.1826	1.5173	2.6999	17.6903	3.5850	1.00000
2.40	1.2895	1.5274	2.8169	17.1330	3.8226	1.00000

T= 5800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0009	1.5308	2.5318	34.5196	-3.6722	1.00093
-4.80	1.0007	1.5245	2.5252	34.0523	-3.4723	1.00074
-4.60	1.0006	1.5195	2.5203	33.5865	-3.2723	1.00059
-4.40	1.0005	1.5155	2.5159	33.1217	-3.0724	1.00047
-4.20	1.0004	1.5123	2.5127	32.6578	-2.8724	1.00037
-4.00	1.0003	1.5098	2.5101	32.1946	-2.6724	1.00029
-3.80	1.0002	1.5078	2.5080	31.7320	-2.4725	1.00023
-3.60	1.0002	1.5062	2.5063	31.2698	-2.2725	1.00019
-3.40	1.0001	1.5049	2.5050	30.8079	-2.0725	1.00015
-3.20	1.0001	1.5039	2.5040	30.3463	-1.8725	1.00012
-3.00	1.0001	1.5031	2.5032	29.8850	-1.6725	1.00009
-2.80	1.0001	1.5025	2.5025	29.4238	-1.4725	1.00007
-2.60	1.0001	1.5019	2.5023	28.9627	-1.2725	1.00006
-2.40	1.0000	1.5015	2.5016	28.5018	-1.0726	1.00005
-2.20	1.0000	1.5012	2.5013	28.0409	-0.8726	1.00004
-2.00	1.0000	1.5010	2.5010	27.5801	-0.6726	1.00003
-1.80	1.0000	1.5008	2.5008	27.1194	-0.4726	1.00002
-1.60	1.0000	1.5006	2.5007	26.6587	-0.2726	1.00002
-1.40	1.0001	1.5005	2.5006	26.1980	-0.0725	1.00001
-1.20	1.0001	1.5004	2.5005	25.7374	0.1275	1.00001
-1.00	1.0001	1.5003	2.5004	25.2768	0.3275	1.00001
-0.80	1.0002	1.5003	2.5005	24.8161	0.5275	1.00001
-0.60	1.0003	1.5002	2.5005	24.3554	0.7276	1.00001
-0.40	1.0005	1.5002	2.5007	23.8947	0.9276	1.00000
-0.20	1.0007	1.5002	2.5009	23.4339	1.1277	1.00000
0.0	1.0011	1.5002	2.5014	22.9730	1.3279	1.00000
0.20	1.0018	1.5003	2.5021	22.5119	1.5282	1.00000
0.40	1.0029	1.5003	2.5032	22.0504	1.7287	1.00000
0.60	1.0046	1.5005	2.5051	21.5883	1.9294	1.00000
0.80	1.0072	1.5008	2.5080	21.1254	2.1306	1.00000
1.00	1.0115	1.5012	2.5126	20.6610	2.3324	1.00000
1.20	1.0182	1.5018	2.5200	20.1945	2.5353	1.00000
1.40	1.0288	1.5029	2.5317	19.7243	2.7398	1.00000
1.60	1.0457	1.5045	2.5502	19.2486	2.9468	1.00000
1.80	1.0725	1.5072	2.5796	18.7640	3.1578	1.00000
2.00	1.1148	1.5113	2.6262	18.2652	3.3745	1.00000
2.20	1.1820	1.5179	2.7000	17.7442	3.6001	1.00000
2.40	1.2885	1.5284	2.8169	17.1877	3.8375	1.00000

T= 6000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0016	1.5519	2.5535	34.5928	-3.6572	1.00162
-4.80	1.0013	1.5412	2.5425	34.1210	-3.4573	1.00128
-4.60	1.0010	1.5327	2.5338	33.6515	-3.2574	1.00102
-4.40	1.0008	1.5260	2.5268	33.1838	-3.0575	1.00081
-4.20	1.0006	1.5207	2.5213	32.7176	-2.8576	1.00064
-4.00	1.0005	1.5164	2.5169	32.2526	-2.6576	1.00051
-3.80	1.0004	1.5130	2.5134	31.7885	-2.4577	1.00041
-3.60	1.0003	1.5104	2.5107	31.3251	-2.2577	1.00032
-3.40	1.0003	1.5082	2.5085	30.8623	-2.0577	1.00026
-3.20	1.0002	1.5065	2.5067	30.4000	-1.8578	1.00020
-3.00	1.0002	1.5052	2.5054	29.9381	-1.6578	1.00016
-2.80	1.0001	1.5041	2.5043	29.4764	-1.4578	1.00013
-2.60	1.0001	1.5033	2.5034	29.0150	-1.2578	1.00010

T= 6000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0001	1.5026	2.5027	28.5538	-1.0578	1.00008
-2.20	1.0001	1.5021	2.5021	28.0927	-0.8578	1.00006
-2.00	1.0001	1.5016	2.5017	27.6317	-0.6578	1.00005
-1.80	1.0001	1.5013	2.5014	27.1708	-0.4578	1.00004
-1.60	1.0001	1.5010	2.5011	26.7100	-0.2578	1.00003
-1.40	1.0001	1.5008	2.5009	26.2492	-0.0578	1.00003
-1.20	1.0001	1.5007	2.5008	25.7885	0.1422	1.00002
-1.00	1.0001	1.5005	2.5007	25.3278	0.3422	1.00002
-0.80	1.0002	1.5004	2.5006	24.8671	0.5422	1.00001
-0.60	1.0003	1.5004	2.5007	24.4064	0.7423	1.00001
-0.40	1.0005	1.5003	2.5008	23.9457	0.9423	1.00001
-0.20	1.0007	1.5003	2.5010	23.4849	1.1425	1.00001
0.0	1.0011	1.5003	2.5014	23.0239	1.3426	1.00001
0.20	1.0018	1.5003	2.5021	22.5628	1.5429	1.00000
0.40	1.0029	1.5004	2.5033	22.1013	1.7434	1.00000
0.60	1.0046	1.5005	2.5051	21.6392	1.9441	1.00000
0.80	1.0072	1.5008	2.5080	21.1763	2.1453	1.00000
1.00	1.0114	1.5012	2.5127	20.7120	2.3471	1.00000
1.20	1.0181	1.5019	2.5200	20.2454	2.5500	1.00000
1.40	1.0287	1.5030	2.5317	19.7754	2.7545	1.00000
1.60	1.0456	1.5047	2.5502	19.2998	2.9615	1.00000
1.80	1.0722	1.5074	2.5796	18.8153	3.1724	1.00000
2.00	1.1145	1.5117	2.6262	18.3169	3.3892	1.00000
2.20	1.1814	1.5185	2.6999	17.7962	3.6145	1.00000
2.40	1.2875	1.5294	2.8169	17.2404	3.8519	1.00000

T= 6200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0027	1.5843	2.5870	34.6767	-3.6424	1.00271
-4.80	1.0022	1.5670	2.5692	34.1977	-3.4427	1.00216
-4.60	1.0017	1.5532	2.5549	33.7225	-3.2429	1.00171
-4.40	1.0014	1.5423	2.5437	33.2504	-3.0430	1.00136
-4.20	1.0011	1.5336	2.5347	32.7806	-2.8431	1.00108
-4.00	1.0009	1.5267	2.5276	32.3127	-2.6432	1.00086
-3.80	1.0007	1.5212	2.5219	31.8464	-2.4433	1.00068
-3.60	1.0005	1.5168	2.5174	31.3812	-2.2434	1.00054
-3.40	1.0004	1.5134	2.5138	30.9170	-2.0434	1.00043
-3.20	1.0003	1.5106	2.5110	30.4536	-1.8435	1.00034
-3.00	1.0003	1.5084	2.5087	29.9907	-1.6435	1.00027
-2.80	1.0002	1.5067	2.5069	29.5284	-1.4435	1.00022
-2.60	1.0002	1.5053	2.5055	29.0664	-1.2435	1.00017
-2.40	1.0001	1.5042	2.5044	28.6047	-1.0436	1.00014
-2.20	1.0001	1.5034	2.5035	28.1432	-0.8436	1.00011
-2.00	1.0001	1.5027	2.5028	27.6820	-0.6436	1.00009
-1.80	1.0001	1.5021	2.5022	27.2209	-0.4436	1.00007
-1.60	1.0001	1.5017	2.5018	26.7599	-0.2436	1.00005
-1.40	1.0001	1.5013	2.5014	26.2990	-0.0436	1.00004
-1.20	1.0001	1.5011	2.5012	25.8382	0.1564	1.00003
-1.00	1.0001	1.5009	2.5010	25.3774	0.3564	1.00003
-0.80	1.0002	1.5007	2.5009	24.9166	0.5565	1.00002
-0.60	1.0003	1.5006	2.5009	24.4558	0.7565	1.00002
-0.40	1.0005	1.5005	2.5009	23.9951	0.9566	1.00001
-0.20	1.0007	1.5004	2.5011	23.5342	1.1567	1.00001
0.0	1.0011	1.5004	2.5015	23.0732	1.3569	1.00001

T= 6200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0018	1.5004	2.5022	22.6121	1.5572	1.00001
0.40	1.0029	1.5005	2.5033	22.1506	1.7576	1.00001
0.60	1.0045	1.5006	2.5052	21.6885	1.9584	1.00000
0.80	1.0072	1.5009	2.5081	21.2256	2.1595	1.00000
1.00	1.0114	1.5013	2.5127	20.7613	2.3613	1.00000
1.20	1.0181	1.5020	2.5201	20.2948	2.5642	1.00000
1.40	1.0287	1.5031	2.5317	19.8248	2.7687	1.00000
1.60	1.0454	1.5048	2.5503	19.3493	2.9757	1.00000
1.80	1.0720	1.5076	2.5796	18.8650	3.1866	1.00000
2.00	1.1141	1.5121	2.6261	18.3668	3.4033	1.00000
2.20	1.1808	1.5191	2.6999	17.8466	3.6286	1.00000
2.40	1.2865	1.5302	2.8168	17.2915	3.8658	1.00000

T= 6400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0044	1.6329	2.6373	34.7763	-3.6279	1.00441
-4.80	1.0035	1.6056	2.6091	34.2867	-3.4283	1.00350
-4.60	1.0028	1.5839	2.5867	33.8030	-3.2286	1.00278
-4.40	1.0022	1.5667	2.5689	33.3241	-3.0289	1.00221
-4.20	1.0018	1.5530	2.5548	32.8490	-2.8291	1.00176
-4.00	1.0014	1.5421	2.5435	32.3768	-2.6292	1.00140
-3.80	1.0011	1.5335	2.5346	31.9071	-2.4293	1.00111
-3.60	1.0009	1.5266	2.5275	31.4392	-2.2294	1.00088
-3.40	1.0007	1.5211	2.5218	30.9729	-2.0295	1.00070
-3.20	1.0006	1.5168	2.5173	30.5078	-1.8296	1.00056
-3.00	1.0004	1.5133	2.5138	30.0436	-1.6296	1.00044
-2.80	1.0003	1.5106	2.5109	29.5801	-1.4297	1.00035
-2.60	1.0003	1.5084	2.5087	29.1173	-1.2297	1.00028
-2.40	1.0002	1.5067	2.5069	28.6549	-1.0297	1.00022
-2.20	1.0002	1.5053	2.5055	28.1929	-0.8297	1.00018
-2.00	1.0001	1.5042	2.5044	27.7313	-0.6298	1.00014
-1.80	1.0001	1.5034	2.5035	27.2698	-0.4298	1.00011
-1.60	1.0001	1.5027	2.5028	26.8086	-0.2298	1.00009
-1.40	1.0001	1.5021	2.5022	26.3474	-0.0298	1.00007
-1.20	1.0001	1.5017	2.5018	25.8864	0.1702	1.00006
-1.00	1.0002	1.5013	2.5015	25.4255	0.3702	1.00004
-0.80	1.0002	1.5011	2.5013	24.9646	0.5703	1.00004
-0.60	1.0003	1.5009	2.5012	24.5038	0.7703	1.00003
-0.40	1.0005	1.5007	2.5012	24.0429	0.9704	1.00002
-0.20	1.0007	1.5006	2.5013	23.5820	1.1705	1.00002
0.0	1.0011	1.5005	2.5017	23.1210	1.3707	1.00001
0.20	1.0018	1.5005	2.5023	22.6598	1.5710	1.00001
0.40	1.0029	1.5006	2.5034	22.1983	1.7714	1.00001
0.60	1.0045	1.5007	2.5052	21.7362	1.9721	1.00001
0.80	1.0072	1.5010	2.5081	21.2733	2.1733	1.00001
1.00	1.0114	1.5014	2.5127	20.8090	2.3751	1.00000
1.20	1.0180	1.5021	2.5201	20.3426	2.5779	1.00000
1.40	1.0286	1.5032	2.5318	19.8726	2.7824	1.00000
1.60	1.0453	1.5050	2.5503	19.3972	2.9894	1.00000
1.80	1.0717	1.5079	2.5796	18.9131	3.2003	1.00000
2.00	1.1137	1.5124	2.6261	18.4152	3.4169	1.00000
2.20	1.1802	1.5196	2.6998	17.8954	3.6421	1.00000
2.40	1.2856	1.5311	2.8166	17.3409	3.8793	1.00000

T= 6500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0055	1.6651	2.6707	34.8340	-3.6207	1.00556
-4.80	1.0044	1.6312	2.6356	34.3373	-3.4212	1.00442
-4.60	1.0035	1.6043	2.6078	33.8481	-3.2216	1.00351
-4.40	1.0028	1.5829	2.5857	33.3647	-3.0219	1.00279
-4.20	1.0022	1.5659	2.5681	32.8860	-2.8221	1.00222
-4.00	1.0018	1.5523	2.5541	32.4110	-2.6223	1.00176
-3.80	1.0014	1.5416	2.5430	31.9391	-2.4225	1.00140
-3.60	1.0011	1.5330	2.5341	31.4694	-2.2226	1.00111
-3.40	1.0009	1.5262	2.5271	31.0017	-2.0227	1.00088
-3.20	1.0007	1.5209	2.5216	30.5354	-1.8228	1.00070
-3.00	1.0006	1.5166	2.5171	30.0703	-1.6228	1.00056
-2.80	1.0004	1.5132	2.5136	29.6061	-1.4229	1.00044
-2.60	1.0003	1.5105	2.5108	29.1427	-1.2229	1.00035
-2.40	1.0003	1.5083	2.5086	28.6799	-1.0230	1.00028
-2.20	1.0002	1.5066	2.5068	28.2176	-0.8230	1.00022
-2.00	1.0002	1.5052	2.5054	27.7556	-0.6230	1.00018
-1.80	1.0002	1.5042	2.5043	27.2939	-0.4230	1.00014
-1.60	1.0001	1.5033	2.5035	26.8325	-0.2230	1.00011
-1.40	1.0001	1.5026	2.5028	26.3712	-0.0230	1.00009
-1.20	1.0001	1.5021	2.5022	25.9101	0.1770	1.00007
-1.00	1.0002	1.5017	2.5018	25.4491	0.3770	1.00006
-0.80	1.0002	1.5013	2.5016	24.9882	0.5770	1.00004
-0.60	1.0003	1.5011	2.5014	24.5273	0.7770	1.00004
-0.40	1.0005	1.5009	2.5014	24.0664	0.9771	1.00003
-0.20	1.0007	1.5007	2.5015	23.6054	1.1772	1.00002
0.0	1.0011	1.5007	2.5018	23.1444	1.3774	1.00002
0.20	1.0018	1.5006	2.5024	22.6832	1.5777	1.00001
0.40	1.0029	1.5006	2.5035	22.2216	1.7782	1.00001
0.60	1.0045	1.5008	2.5053	21.7596	1.9789	1.00001
0.80	1.0072	1.5010	2.5082	21.2966	2.1800	1.00001
1.00	1.0113	1.5014	2.5128	20.8324	2.3818	1.00001
1.20	1.0180	1.5021	2.5201	20.3659	2.5847	1.00000
1.40	1.0285	1.5033	2.5318	19.8960	2.7891	1.00000
1.60	1.0452	1.5051	2.5503	19.4206	2.9961	1.00000
1.80	1.0716	1.5080	2.5796	18.9366	3.2069	1.00000
2.00	1.1135	1.5126	2.6261	18.4388	3.4236	1.00000
2.20	1.1799	1.5199	2.6997	17.9192	3.6487	1.00000
2.40	1.2851	1.5315	2.8165	17.3650	3.8858	1.00000

T= 6600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0069	1.7037	2.7107	34.8983	-3.6135	1.00695
-4.80	1.0055	1.6619	2.6675	34.3932	-3.4141	1.00553
-4.60	1.0044	1.6287	2.6331	33.8972	-3.2146	1.00439
-4.40	1.0035	1.6023	2.6058	33.4084	-3.0149	1.00349
-4.20	1.0028	1.5813	2.5841	32.9255	-2.8153	1.00278
-4.00	1.0022	1.5646	2.5668	32.4471	-2.6155	1.00221
-3.80	1.0017	1.5513	2.5531	31.9724	-2.4157	1.00175
-3.60	1.0014	1.5408	2.5422	31.5006	-2.2159	1.00139
-3.40	1.0011	1.5324	2.5335	31.0312	-2.0160	1.00111
-3.20	1.0009	1.5257	2.5266	30.5635	-1.8161	1.00088
-3.00	1.0007	1.5205	2.5212	30.0974	-1.6162	1.00070
-2.80	1.0006	1.5163	2.5168	29.6324	-1.4162	1.00055
-2.60	1.0004	1.5129	2.5134	29.1683	-1.2163	1.00044

T= 6600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0003	1.5103	2.5106	28.7049	-1.0163	1.00035
-2.20	1.0003	1.5082	2.5084	28.2421	-0.8163	1.00028
-2.00	1.0002	1.5065	2.5067	27.7798	-0.6164	1.00022
-1.80	1.0002	1.5051	2.5053	27.3179	-0.4164	1.00018
-1.60	1.0002	1.5041	2.5043	26.8562	-0.2164	1.00014
-1.40	1.0002	1.5033	2.5034	26.3948	-0.0164	1.00011
-1.20	1.0002	1.5026	2.5027	25.9336	0.1836	1.00009
-1.00	1.0002	1.5021	2.5022	25.4724	0.3836	1.00007
-0.80	1.0002	1.5017	2.5019	25.0114	0.5836	1.00006
-0.60	1.0003	1.5013	2.5017	24.5504	0.7837	1.00004
-0.40	1.0005	1.5011	2.5016	24.0895	0.9838	1.00004
-0.20	1.0007	1.5009	2.5016	23.6285	1.1839	1.00003
0.0	1.0012	1.5008	2.5019	23.1675	1.3840	1.00002
0.20	1.0018	1.5007	2.5025	22.7062	1.5843	1.00002
0.40	1.0029	1.5007	2.5036	22.2446	1.7848	1.00001
0.60	1.0045	1.5008	2.5054	21.7826	1.9855	1.00001
0.80	1.0072	1.5011	2.5082	21.3196	2.1866	1.00001
1.00	1.0113	1.5015	2.5128	20.8553	2.3884	1.00001
1.20	1.0180	1.5022	2.5201	20.3889	2.5913	1.00001
1.40	1.0285	1.5033	2.5318	19.9190	2.7957	1.00000
1.60	1.0451	1.5052	2.5503	19.4437	3.0027	1.00000
1.80	1.0715	1.5081	2.5796	18.9597	3.2135	1.00000
2.00	1.1133	1.5127	2.6260	18.4620	3.4302	1.00000
2.20	1.1796	1.5201	2.6997	17.9426	3.6553	1.00000
2.40	1.2846	1.5318	2.8164	17.3888	3.8923	1.00000

T= 6800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0107	1.8042	2.8149	35.0511	-3.5989	1.01068
-4.80	1.0085	1.7419	2.7504	34.5239	-3.3998	1.00850
-4.60	1.0067	1.6924	2.6991	34.0103	-3.2006	1.00675
-4.40	1.0054	1.6529	2.6583	33.5076	-3.0012	1.00537
-4.20	1.0043	1.6215	2.6258	33.0135	-2.8016	1.00427
-4.00	1.0034	1.5966	2.6000	32.5263	-2.6020	1.00339
-3.80	1.0027	1.5768	2.5795	32.0445	-2.4023	1.00270
-3.60	1.0021	1.5610	2.5631	31.5671	-2.2026	1.00214
-3.40	1.0017	1.5485	2.5502	31.0932	-2.0028	1.00170
-3.20	1.0013	1.5385	2.5399	30.6220	-1.8029	1.00135
-3.00	1.0011	1.5306	2.5317	30.1530	-1.6030	1.00107
-2.80	1.0008	1.5243	2.5252	29.6858	-1.4031	1.00085
-2.60	1.0007	1.5193	2.5200	29.2199	-1.2032	1.00068
-2.40	1.0005	1.5154	2.5159	28.7552	-1.0033	1.00054
-2.20	1.0004	1.5122	2.5126	28.2913	-0.8033	1.00043
-2.00	1.0003	1.5097	2.5100	27.8281	-0.6033	1.00034
-1.80	1.0003	1.5077	2.5080	27.3654	-0.4034	1.00027
-1.60	1.0002	1.5061	2.5064	26.9032	-0.2034	1.00021
-1.40	1.0002	1.5049	2.5051	26.4413	-0.0034	1.00017
-1.20	1.0002	1.5039	2.5041	25.9797	0.1966	1.00014
-1.00	1.0002	1.5031	2.5033	25.5183	0.3966	1.00011
-0.80	1.0003	1.5025	2.5027	25.0571	0.5966	1.00009
-0.60	1.0003	1.5020	2.5023	24.5959	0.7967	1.00007
-0.40	1.0005	1.5016	2.5021	24.1348	0.9967	1.00005
-0.20	1.0008	1.5013	2.5021	23.6737	1.1968	1.00004
0.0	1.0012	1.5011	2.5023	23.2126	1.3970	1.00003

T= 6800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0018	1.5010	2.5028	22.7513	1.5973	1.00003
0.40	1.0029	1.5009	2.5038	22.2897	1.7977	1.00002
0.60	1.0045	1.5010	2.5055	21.8275	1.9985	1.00002
0.80	1.0071	1.5012	2.5084	21.3646	2.1996	1.00001
1.00	1.0113	1.5016	2.5129	20.9003	2.4014	1.00001
1.20	1.0179	1.5023	2.5202	20.4339	2.6042	1.00001
1.40	1.0284	1.5035	2.5318	19.9640	2.8087	1.00001
1.60	1.0450	1.5053	2.5503	19.4888	3.0156	1.00001
1.80	1.0712	1.5083	2.5796	19.0049	3.2264	1.00001
2.00	1.1129	1.5131	2.6260	18.5075	3.4430	1.00001
2.20	1.1790	1.5206	2.6996	17.9885	3.6680	1.00001
2.40	1.2836	1.5326	2.8162	17.4353	3.9049	1.00001

T= 7000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0160	1.9436	2.9596	35.2446	-3.5840	1.01601
-4.80	1.0127	1.8529	2.8657	34.6869	-3.3854	1.01274
-4.60	1.0101	1.7807	2.7909	34.1489	-3.1865	1.01013
-4.40	1.0080	1.7233	2.7313	33.6268	-2.9874	1.00806
-4.20	1.0064	1.6775	2.6839	33.1172	-2.7881	1.00641
-4.00	1.0051	1.6411	2.6462	32.6177	-2.5887	1.00509
-3.80	1.0040	1.6122	2.6162	32.1261	-2.3892	1.00405
-3.60	1.0032	1.5891	2.5924	31.6409	-2.1895	1.00322
-3.40	1.0025	1.5708	2.5734	31.1608	-1.9898	1.00256
-3.20	1.0020	1.5563	2.5583	30.6846	-1.7900	1.00203
-3.00	1.0016	1.5447	2.5463	30.2117	-1.5902	1.00161
-2.80	1.0013	1.5355	2.5368	29.7414	-1.3903	1.00128
-2.60	1.0010	1.5282	2.5293	29.2730	-1.1905	1.00102
-2.40	1.0008	1.5224	2.5233	28.8063	-0.9906	1.00081
-2.20	1.0006	1.5178	2.5185	28.3408	-0.7906	1.00064
-2.00	1.0005	1.5142	2.5147	27.8764	-0.5907	1.00051
-1.80	1.0004	1.5113	2.5117	27.4127	-0.3907	1.00041
-1.60	1.0003	1.5090	2.5093	26.9497	-0.1908	1.00032
-1.40	1.0003	1.5071	2.5074	26.4872	0.0092	1.00026
-1.20	1.0003	1.5057	2.5059	26.0251	0.2092	1.00020
-1.00	1.0003	1.5045	2.5048	25.5633	0.4092	1.00016
-0.80	1.0003	1.5036	2.5039	25.1018	0.6092	1.00013
-0.60	1.0004	1.5029	2.5033	24.6404	0.8093	1.00010
-0.40	1.0005	1.5023	2.5028	24.1791	1.0093	1.00008
-0.20	1.0008	1.5019	2.5027	23.7178	1.2094	1.00006
0.0	1.0012	1.5016	2.5027	23.2566	1.4096	1.00005
0.20	1.0018	1.5014	2.5032	22.7952	1.6099	1.00004
0.40	1.0029	1.5012	2.5041	22.3335	1.8103	1.00003
0.60	1.0045	1.5013	2.5058	21.8713	2.0110	1.00003
0.80	1.0071	1.5014	2.5085	21.4083	2.2122	1.00002
1.00	1.0113	1.5018	2.5131	20.9440	2.4140	1.00002
1.20	1.0178	1.5025	2.5203	20.4776	2.6168	1.00001
1.40	1.0283	1.5036	2.5319	20.0078	2.8212	1.00001
1.60	1.0448	1.5055	2.5503	19.5326	3.0281	1.00001
1.80	1.0710	1.5085	2.5795	19.0489	3.2389	1.00001
2.00	1.1125	1.5134	2.6259	18.5517	3.4554	1.00001
2.20	1.1784	1.5211	2.6994	18.0330	3.6804	1.00001
2.40	1.2827	1.5333	2.8160	17.4804	3.9172	1.00001

T= 7200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0234	2.1325	3.1559	35.4908	-3.5686	1.02344
-4.80	1.0187	2.0936	3.0223	34.8918	-3.3706	1.01867
-4.60	1.0148	1.9009	2.9157	34.3208	-3.1723	1.01486
-4.40	1.0118	1.8189	2.8308	33.7723	-2.9736	1.01182
-4.20	1.0094	1.7537	2.7631	33.2416	-2.7746	1.00940
-4.00	1.0075	1.7017	2.7092	32.7253	-2.5754	1.00748
-3.80	1.0059	1.6604	2.6663	32.2204	-2.3761	1.00595
-3.60	1.0047	1.6275	2.6322	31.7245	-2.1766	1.00473
-3.40	1.0037	1.6013	2.6051	31.2359	-1.9770	1.00376
-3.20	1.0030	1.5805	2.5835	30.7531	-1.7774	1.00299
-3.00	1.0024	1.5640	2.5664	30.2748	-1.5776	1.00237
-2.80	1.0019	1.5509	2.5528	29.8002	-1.3779	1.00189
-2.60	1.0015	1.5404	2.5419	29.3284	-1.1780	1.00150
-2.40	1.0012	1.5321	2.5333	28.8590	-0.9782	1.00119
-2.20	1.0009	1.5255	2.5265	28.3914	-0.7783	1.00095
-2.00	1.0008	1.5203	2.5211	27.9252	-0.5783	1.00075
-1.80	1.0006	1.5161	2.5167	27.4602	-0.3784	1.00060
-1.60	1.0005	1.5128	2.5133	26.9962	-0.1785	1.00048
-1.40	1.0004	1.5102	2.5106	26.5328	0.0215	1.00038
-1.20	1.0004	1.5081	2.5085	26.0700	0.2215	1.00030
-1.00	1.0003	1.5065	2.5068	25.6077	0.4215	1.00024
-0.80	1.0004	1.5051	2.5055	25.1457	0.6215	1.00019
-0.60	1.0004	1.5041	2.5045	24.6840	0.8215	1.00015
-0.40	1.0006	1.5033	2.5039	24.2224	1.0216	1.00012
-0.20	1.0008	1.5027	2.5035	23.7609	1.2217	1.00010
0.0	1.0012	1.5022	2.5034	23.2995	1.4218	1.00008
0.20	1.0018	1.5018	2.5037	22.8380	1.6221	1.00006
0.40	1.0029	1.5016	2.5045	22.3762	1.8226	1.00005
0.60	1.0045	1.5016	2.5061	21.9139	2.0233	1.00004
0.80	1.0071	1.5017	2.5088	21.4509	2.2244	1.00003
1.00	1.0112	1.5020	2.5133	20.9865	2.4262	1.00003
1.20	1.0178	1.5027	2.5205	20.5201	2.6290	1.00002
1.40	1.0282	1.5038	2.5320	20.0503	2.8334	1.00002
1.60	1.0447	1.5057	2.5504	19.5752	3.0403	1.00001
1.80	1.0708	1.5088	2.5796	19.0917	3.2510	1.00001
2.00	1.1122	1.5137	2.6259	18.5947	3.4675	1.00001
2.20	1.1778	1.5215	2.6993	18.0764	3.6924	1.00001
2.40	1.2817	1.5340	2.8157	17.5243	3.9291	1.00001

T= 7400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0336	2.3832	3.4167	35.8032	-3.5524	1.03359
-4.80	1.0268	2.2041	3.2308	35.1497	-3.3553	1.02678
-4.60	1.0213	2.0609	3.0822	34.5350	-3.1576	1.02133
-4.40	1.0170	1.9466	2.9635	33.9514	-2.9595	1.01699
-4.20	1.0135	1.8554	2.8689	33.3927	-2.7609	1.01352
-4.00	1.0107	1.7827	2.7935	32.8540	-2.5621	1.01075
-3.80	1.0085	1.7249	2.7334	32.3312	-2.3631	1.00855
-3.60	1.0068	1.6788	2.6856	31.8211	-2.1638	1.00680
-3.40	1.0054	1.6422	2.6476	31.3211	-1.9644	1.00541
-3.20	1.0043	1.6130	2.6173	30.8293	-1.7649	1.00430
-3.00	1.0034	1.5898	2.5932	30.3438	-1.5653	1.00342
-2.80	1.0027	1.5714	2.5741	29.8634	-1.3656	1.00272
-2.60	1.0022	1.5568	2.5589	29.3872	-1.1658	1.00216

T= 7400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0017	1.5451	2.5468	28.9141	-0.9660	1.00172
-2.20	1.0014	1.5359	2.5372	28.4436	-0.7662	1.00136
-2.00	1.0011	1.5285	2.5296	27.9752	-0.5663	1.00108
-1.80	1.0009	1.5227	2.5235	27.5084	-0.3664	1.00086
-1.60	1.0007	1.5180	2.5187	27.0429	-0.1665	1.00069
-1.40	1.0006	1.5143	2.5149	26.5784	0.0335	1.00054
-1.20	1.0005	1.5114	2.5119	26.1147	0.2334	1.00043
-1.00	1.0004	1.5091	2.5095	25.6516	0.4334	1.00034
-0.80	1.0004	1.5072	2.5077	25.1890	0.6334	1.00027
-0.60	1.0005	1.5058	2.5063	24.7268	0.8334	1.00022
-0.40	1.0006	1.5046	2.5052	24.2649	1.0335	1.00017
-0.20	1.0008	1.5037	2.5046	23.8032	1.2336	1.00014
0.0	1.0012	1.5030	2.5042	23.3415	1.4338	1.00011
0.20	1.0019	1.5025	2.5044	22.8798	1.6340	1.00009
0.40	1.0029	1.5022	2.5051	22.4179	1.8345	1.00007
0.60	1.0045	1.5020	2.5065	21.9555	2.0352	1.00006
0.80	1.0071	1.5020	2.5091	21.4924	2.2363	1.00004
1.00	1.0112	1.5023	2.5135	21.0280	2.4381	1.00004
1.20	1.0177	1.5029	2.5207	20.5615	2.6409	1.00003
1.40	1.0281	1.5041	2.5322	20.0918	2.8453	1.00002
1.60	1.0445	1.5060	2.5505	19.6167	3.0521	1.00002
1.80	1.0705	1.5091	2.5796	19.1333	3.2628	1.00002
2.00	1.1118	1.5140	2.6258	18.6365	3.4793	1.00002
2.20	1.1772	1.5220	2.6992	18.1185	3.7041	1.00002
2.40	1.2808	1.5347	2.8155	17.5671	3.9407	1.00002

T= 7500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0399	2.5359	3.5757	35.9888	-3.5440	1.03990
-4.80	1.0318	2.3263	3.3582	35.3024	-3.3473	1.03183
-4.60	1.0253	2.1587	3.1840	34.6611	-3.1501	1.02537
-4.40	1.0202	2.0246	3.0448	34.0561	-2.9523	1.02021
-4.20	1.0161	1.9177	2.9337	33.4803	-2.7540	1.01609
-4.00	1.0128	1.8324	2.8452	32.9279	-2.5554	1.01280
-3.80	1.0102	1.7644	2.7746	32.3941	-2.3565	1.01019
-3.60	1.0081	1.7103	2.7184	31.8753	-2.1574	1.00810
-3.40	1.0064	1.6672	2.6737	31.3684	-1.9582	1.00644
-3.20	1.0051	1.6330	2.6381	30.8710	-1.7587	1.00512
-3.00	1.0041	1.6057	2.6098	30.3811	-1.5592	1.00407
-2.80	1.0032	1.5840	2.5873	29.8972	-1.3595	1.00324
-2.60	1.0026	1.5668	2.5694	29.4182	-1.1598	1.00257
-2.40	1.0020	1.5531	2.5551	28.9429	-0.9601	1.00205
-2.20	1.0016	1.5422	2.5438	28.4706	-0.7602	1.00163
-2.00	1.0013	1.5335	2.5348	28.0008	-0.5604	1.00129
-1.80	1.0010	1.5267	2.5277	27.5329	-0.3605	1.00103
-1.60	1.0008	1.5212	2.5220	27.0664	-0.1606	1.00082
-1.40	1.0007	1.5169	2.5176	26.6012	0.0394	1.00065
-1.20	1.0006	1.5134	2.5140	26.1370	0.2393	1.00052
-1.00	1.0005	1.5107	2.5112	25.6735	0.4393	1.00041
-0.80	1.0005	1.5085	2.5090	25.2106	0.6393	1.00033
-0.60	1.0005	1.5068	2.5073	24.7481	0.8393	1.00026
-0.40	1.0006	1.5054	2.5061	24.2859	1.0393	1.00021
-0.20	1.0009	1.5044	2.5052	23.8240	1.2394	1.00016
0.0	1.0012	1.5035	2.5048	23.3622	1.4395	1.00013

T= 7500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0019	1.5029	2.5048	22.9004	1.6399	1.00010
0.40	1.0029	1.5025	2.5054	22.4384	1.8403	1.00009
0.60	1.0045	1.5023	2.5068	21.9759	2.0410	1.00007
0.80	1.0071	1.5023	2.5094	21.5128	2.2421	1.00005
1.00	1.0112	1.5025	2.5137	21.0483	2.4439	1.00004
1.20	1.0177	1.5031	2.5208	20.5819	2.6467	1.00004
1.40	1.0281	1.5042	2.5323	20.1121	2.8511	1.00003
1.60	1.0444	1.5061	2.5506	19.6371	3.0579	1.00002
1.80	1.0704	1.5092	2.5796	19.1537	3.2686	1.00002
2.00	1.1116	1.5142	2.6259	18.6570	3.4850	1.00002
2.20	1.1769	1.5222	2.6991	18.1392	3.7098	1.00002
2.40	1.2803	1.5350	2.8154	17.5880	3.9464	1.00002

T= 7600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0471	2.7091	3.7562	36.1968	-3.5352	1.04716
-4.80	1.0376	2.4653	3.5029	35.4730	-3.3391	1.03765
-4.60	1.0300	2.2699	3.2999	34.8016	-3.1423	1.03003
-4.40	1.0239	2.1136	3.1375	34.1724	-2.9449	1.02393
-4.20	1.0190	1.9887	3.0077	33.5771	-2.7470	1.01906
-4.00	1.0152	1.8890	2.9041	33.0091	-2.5487	1.01517
-3.80	1.0121	1.8095	2.8216	32.4629	-2.3500	1.01207
-3.60	1.0096	1.7462	2.7558	31.9341	-2.1510	1.00960
-3.40	1.0076	1.6958	2.7035	31.4193	-1.9519	1.00764
-3.20	1.0061	1.6557	2.6618	30.9155	-1.7526	1.00607
-3.00	1.0048	1.6238	2.6286	30.4206	-1.5531	1.00483
-2.80	1.0038	1.5984	2.6023	29.9327	-1.3535	1.00384
-2.60	1.0030	1.5782	2.5813	29.4504	-1.1539	1.00305
-2.40	1.0024	1.5622	2.5646	28.9726	-0.9541	1.00243
-2.20	1.0019	1.5494	2.5514	28.4984	-0.7544	1.00193
-2.00	1.0015	1.5393	2.5408	28.0269	-0.5545	1.00153
-1.80	1.0012	1.5313	2.5325	27.5577	-0.3547	1.00122
-1.60	1.0010	1.5248	2.5258	27.0903	-0.1548	1.00097
-1.40	1.0008	1.5198	2.5206	26.6242	0.0452	1.00077
-1.20	1.0007	1.5157	2.5164	26.1593	0.2451	1.00061
-1.00	1.0006	1.5125	2.5131	25.6953	0.4451	1.00049
-0.80	1.0006	1.5100	2.5105	25.2320	0.6451	1.00039
-0.60	1.0006	1.5079	2.5085	24.7692	0.8451	1.00031
-0.40	1.0007	1.5064	2.5070	24.3068	1.0451	1.00025
-0.20	1.0009	1.5051	2.5060	23.8447	1.2452	1.00020
0.0	1.0013	1.5041	2.5054	23.3827	1.4454	1.00016
0.20	1.0019	1.5034	2.5053	22.9207	1.6456	1.00012
0.40	1.0029	1.5029	2.5058	22.4586	1.8461	1.00010
0.60	1.0045	1.5026	2.5071	21.9961	2.0468	1.00008
0.80	1.0071	1.5025	2.5095	21.5329	2.2479	1.00006
1.00	1.0112	1.5027	2.5139	21.0685	2.4495	1.00005
1.20	1.0177	1.5033	2.5210	20.6020	2.6524	1.00004
1.40	1.0280	1.5044	2.5324	20.1322	2.8568	1.00003
1.60	1.0444	1.5063	2.5506	19.6572	3.0637	1.00003
1.80	1.0703	1.5094	2.5797	19.1738	3.2743	1.00003
2.00	1.1114	1.5144	2.6259	18.6772	3.4907	1.00002
2.20	1.1766	1.5225	2.6991	18.1596	3.7154	1.00002
2.40	1.2799	1.5354	2.8153	17.6087	3.9520	1.00002

T= 7800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0649	3.1244	4.1892	36.6875	-3.5166	1.06493
-4.80	1.0519	2.7994	3.8513	35.8753	-3.3219	1.05194
-4.60	1.0414	2.5379	3.5794	35.1319	-3.1263	1.04149
-4.40	1.0331	2.3282	3.3613	34.4446	-2.9298	1.03310
-4.20	1.0264	2.1602	3.1866	33.8025	-2.7326	1.02639
-4.00	1.0210	2.0260	3.0470	33.1969	-2.5349	1.02102
-3.80	1.0167	1.9188	2.9355	32.6205	-2.3367	1.01674
-3.60	1.0133	1.8333	2.8466	32.0677	-2.1382	1.01332
-3.40	1.0106	1.7652	2.7758	31.5336	-1.9393	1.01060
-3.20	1.0084	1.7110	2.7194	31.0144	-1.7403	1.00843
-3.00	1.0067	1.6678	2.6745	30.5073	-1.5410	1.00671
-2.80	1.0053	1.6334	2.6387	30.0097	-1.3416	1.00533
-2.60	1.0042	1.6061	2.6103	29.5196	-1.1421	1.00424
-2.40	1.0034	1.5843	2.5877	29.0356	-0.9424	1.00337
-2.20	1.0027	1.5671	2.5697	28.5564	-0.7427	1.00268
-2.00	1.0021	1.5533	2.5555	28.0811	-0.5430	1.00213
-1.80	1.0017	1.5424	2.5441	27.6088	-0.3432	1.00169
-1.60	1.0014	1.5337	2.5351	27.1389	-0.1433	1.00135
-1.40	1.0011	1.5268	2.5279	26.6709	0.0566	1.00107
-1.20	1.0009	1.5213	2.5222	26.2044	0.2565	1.00085
-1.00	1.0008	1.5170	2.5178	25.7391	0.4564	1.00068
-0.80	1.0007	1.5135	2.5142	25.2748	0.6564	1.00054
-0.60	1.0007	1.5108	2.5115	24.8112	0.8564	1.00043
-0.40	1.0008	1.5086	2.5094	24.3482	1.0564	1.00034
-0.20	1.0010	1.5069	2.5079	23.8856	1.2565	1.00027
0.0	1.0013	1.5056	2.5069	23.4232	1.4567	1.00022
0.20	1.0019	1.5046	2.5065	22.9610	1.6569	1.00017
0.40	1.0029	1.5038	2.5067	22.4986	1.8574	1.00014
0.60	1.0045	1.5033	2.5079	22.0359	2.0581	1.00011
0.80	1.0071	1.5031	2.5102	21.5726	2.2592	1.00009
1.00	1.0112	1.5032	2.5144	21.1080	2.4609	1.00007
1.20	1.0176	1.5037	2.5213	20.6414	2.6637	1.00006
1.40	1.0279	1.5047	2.5327	20.1716	2.8681	1.00005
1.60	1.0442	1.5066	2.5508	19.6967	3.0749	1.00004
1.80	1.0701	1.5097	2.5798	19.2134	3.2855	1.00003
2.00	1.1111	1.5148	2.6259	18.7170	3.5018	1.00003
2.20	1.1760	1.5230	2.6990	18.1997	3.7265	1.00003
2.40	1.2790	1.5361	2.8150	17.6493	3.9630	1.00003

T= 8000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0876	3.6428	4.7304	37.2914	-3.4964	1.08771
-4.80	1.0703	3.2185	4.2887	36.3703	-3.3034	1.07034
-4.60	1.0562	2.8755	3.9317	35.5378	-3.1091	1.05630
-4.40	1.0449	2.5993	3.6443	34.7779	-2.9138	1.04500
-4.20	1.0359	2.3775	3.4134	34.0771	-2.7176	1.03592
-4.00	1.0286	2.1998	3.2284	33.4241	-2.5207	1.02865
-3.80	1.0228	2.0577	3.0805	32.8097	-2.3231	1.02283
-3.60	1.0181	1.9442	2.9623	32.2263	-2.1251	1.01818
-3.40	1.0144	1.8536	2.8680	31.6677	-1.9267	1.01447
-3.20	1.0115	1.7814	2.7929	31.1290	-1.7280	1.01152
-3.00	1.0091	1.7239	2.7330	30.6063	-1.5290	1.00916
-2.80	1.0073	1.6781	2.6853	30.0962	-1.3298	1.00729
-2.60	1.0058	1.6416	2.6474	29.5962	-1.1304	1.00580

T= 8000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.40	1.0046	1.6126	2.6172	29.1044	-0.9309	1.00461
-2.20	1.0037	1.5896	2.5932	28.6189	-0.7313	1.00367
-2.00	1.0029	1.5712	2.5741	28.1385	-0.5316	1.00292
-1.80	1.0023	1.5566	2.5593	27.6622	-0.3319	1.00232
-1.60	1.0019	1.5450	2.5469	27.1892	-0.1321	1.00184
-1.40	1.0015	1.5358	2.5373	26.7187	0.0677	1.00147
-1.20	1.0012	1.5285	2.5297	26.2502	0.2676	1.00117
-1.00	1.0010	1.5227	2.5237	25.7833	0.4675	1.00093
-0.80	1.0009	1.5181	2.5190	25.3177	0.6675	1.00074
-0.60	1.0009	1.5144	2.5153	24.8532	0.8675	1.00059
-0.40	1.0009	1.5115	2.5124	24.3893	1.0675	1.00047
-0.20	1.0011	1.5092	2.5103	23.9261	1.2675	1.00037
0.0	1.0014	1.5074	2.5088	23.4632	1.4677	1.00030
0.20	1.0020	1.5060	2.5080	23.0005	1.6679	1.00024
0.40	1.0030	1.5050	2.5080	22.5379	1.8684	1.00019
0.60	1.0045	1.5043	2.5088	22.0749	2.0691	1.00015
0.80	1.0071	1.5039	2.5110	21.6114	2.2702	1.00012
1.00	1.0112	1.5038	2.5150	21.1467	2.4719	1.00010
1.20	1.0176	1.5042	2.5218	20.6800	2.6747	1.00008
1.40	1.0279	1.5052	2.5330	20.2102	2.8790	1.00007
1.60	1.0441	1.5070	2.5511	19.7352	3.0858	1.00006
1.80	1.0699	1.5101	2.5800	19.2520	3.2964	1.00005
2.00	1.1107	1.5153	2.6260	18.7558	3.5127	1.00004
2.20	1.1755	1.5235	2.6993	18.2388	3.7373	1.00004
2.40	1.2781	1.5368	2.8149	17.6889	3.9736	1.00005

T= 8200						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.1162	4.2769	5.3931	38.0229	-3.4744	1.11633
-4.80	1.0935	3.7343	4.8278	36.9717	-3.2834	1.09360
-4.60	1.0750	3.2931	4.3681	36.0314	-3.0908	1.07512
-4.40	1.0601	2.9360	3.9961	35.1828	-2.8968	1.06016
-4.20	1.0480	2.6482	3.6963	34.4097	-2.7018	1.04810
-4.00	1.0383	2.4169	3.4553	33.6981	-2.5058	1.03841
-3.80	1.0306	2.2315	3.2621	33.0363	-2.3091	1.03064
-3.60	1.0244	2.0831	3.1075	32.4148	-2.1117	1.02443
-3.40	1.0194	1.9645	2.9839	31.8257	-1.9138	1.01946
-3.20	1.0155	1.8699	2.8853	31.2625	-1.7155	1.01550
-3.00	1.0123	1.7944	2.8067	30.7202	-1.5169	1.01233
-2.80	1.0098	1.7343	2.7440	30.1945	-1.3180	1.00981
-2.60	1.0078	1.6864	2.6942	29.6820	-1.1188	1.00781
-2.40	1.0062	1.6483	2.6544	29.1802	-0.9195	1.00621
-2.20	1.0049	1.6179	2.6228	28.6868	-0.7201	1.00494
-2.00	1.0039	1.5938	2.5977	28.2002	-0.5205	1.00393
-1.80	1.0031	1.5746	2.5777	27.7188	-0.3208	1.00313
-1.60	1.0025	1.5593	2.5618	27.2418	-0.1211	1.00249
-1.40	1.0020	1.5472	2.5492	26.7681	0.0787	1.00198
-1.20	1.0016	1.5376	2.5392	26.2971	0.2785	1.00157
-1.00	1.0013	1.5299	2.5313	25.8282	0.4784	1.00125
-0.80	1.0012	1.5238	2.5250	25.3610	0.6783	1.00100
-0.60	1.0011	1.5190	2.5200	24.8952	0.8783	1.00079
-0.40	1.0011	1.5151	2.5162	24.4304	1.0783	1.00063
-0.20	1.0012	1.5121	2.5133	23.9663	1.2783	1.00050
0.0	1.0015	1.5097	2.5112	23.5028	1.4785	1.00040

T= 8200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0021	1.5079	2.5099	23.0396	1.6787	1.00032
0.40	1.0030	1.5065	2.5095	22.5765	1.8791	1.00026
0.60	1.0046	1.5055	2.5101	22.1133	2.0798	1.00021
0.80	1.0071	1.5049	2.5120	21.6495	2.2809	1.00016
1.00	1.0112	1.5046	2.5158	21.1846	2.4826	1.00013
1.20	1.0176	1.5049	2.5225	20.7179	2.6854	1.00011
1.40	1.0278	1.5058	2.5335	20.2479	2.8897	1.00009
1.60	1.0440	1.5075	2.5515	19.7730	3.0965	1.00007
1.80	1.0697	1.5106	2.5803	19.2898	3.3071	1.00006
2.00	1.1104	1.5158	2.6262	18.7937	3.5233	1.00006
2.20	1.1749	1.5241	2.6990	18.2770	3.7478	1.00006
2.40	1.2772	1.5376	2.8147	17.7276	3.9841	1.00006

T= 8400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.1514	5.0360	6.1874	38.8940	-3.4505	1.15151
-4.80	1.1223	4.3570	5.4793	37.6917	-3.2616	1.12242
-4.60	1.0984	3.8005	4.8989	36.6240	-3.0709	1.09857
-4.40	1.0790	3.3473	4.4264	35.6696	-2.8787	1.07916
-4.20	1.0633	2.9802	4.0435	34.8094	-2.6851	1.06343
-4.00	1.0506	2.6840	3.7347	34.0265	-2.4903	1.05074
-3.80	1.0404	2.4458	3.4863	33.3069	-2.2945	1.04053
-3.60	1.0323	2.2548	3.2870	32.6387	-2.0979	1.03234
-3.40	1.0257	2.1018	3.1275	32.0119	-1.9007	1.02579
-3.20	1.0205	1.9795	3.0000	31.4185	-1.7029	1.02055
-3.00	1.0163	1.8819	2.8982	30.8519	-1.5047	1.01637
-2.80	1.0130	1.8040	2.8170	30.3068	-1.3061	1.01303
-2.60	1.0103	1.7420	2.7523	29.7789	-1.1073	1.01037
-2.40	1.0082	1.6926	2.7008	29.2647	-0.9082	1.00825
-2.20	1.0065	1.6532	2.6597	28.7615	-0.7089	1.00657
-2.00	1.0052	1.6219	2.6271	28.2670	-0.5095	1.00522
-1.80	1.0041	1.5970	2.6011	27.7794	-0.3099	1.00416
-1.60	1.0033	1.5772	2.5805	27.2974	-0.1103	1.00331
-1.40	1.0026	1.5614	2.5640	26.8197	0.0894	1.00263
-1.20	1.0021	1.5489	2.5510	26.3456	0.2892	1.00209
-1.00	1.0018	1.5389	2.5407	25.8742	0.4890	1.00167
-0.80	1.0015	1.5310	2.5325	25.4050	0.6889	1.00133
-0.60	1.0013	1.5247	2.5260	24.9376	0.8888	1.00106
-0.40	1.0013	1.5197	2.5210	24.4715	1.0888	1.00084
-0.20	1.0013	1.5158	2.5171	24.0064	1.2889	1.00067
0.0	1.0016	1.5126	2.5143	23.5421	1.4890	1.00053
0.20	1.0022	1.5102	2.5124	23.0783	1.6892	1.00043
0.40	1.0031	1.5083	2.5114	22.6147	1.8896	1.00034
0.60	1.0046	1.5070	2.5116	22.1511	2.0903	1.00027
0.80	1.0071	1.5061	2.5132	21.6870	2.2914	1.00022
1.00	1.0112	1.5056	2.5168	21.2219	2.4931	1.00018
1.20	1.0176	1.5057	2.5233	20.7549	2.6958	1.00014
1.40	1.0277	1.5064	2.5342	20.2849	2.9002	1.00012
1.60	1.0439	1.5081	2.5520	19.8099	3.1069	1.00010
1.80	1.0695	1.5112	2.5807	19.3268	3.3174	1.00009
2.00	1.1100	1.5164	2.6264	18.8308	3.5336	1.00008
2.20	1.1743	1.5248	2.6991	18.3144	3.7581	1.00008
2.40	1.2763	1.5384	2.8147,	17.7655	3.9942	1.00008

T= 8500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.1716	5.4641	6.6357	39.3841	-3.4378	1.17174
-4.80	1.1389	4.7108	5.8498	38.0991	-3.2501	1.13911
-4.60	1.1121	4.0905	5.2026	36.9607	-3.0604	1.11223
-4.40	1.0901	3.5835	4.6736	35.9468	-2.8691	1.09027
-4.20	1.0723	3.1716	4.2439	35.0371	-2.6763	1.07242
-4.00	1.0579	2.8384	3.8963	34.2136	-2.4821	1.05799
-3.80	1.0463	2.5700	3.6163	33.4608	-2.2869	1.04636
-3.60	1.0369	2.3544	3.3914	32.7656	-2.0908	1.03702
-3.40	1.0295	2.1816	3.2111	32.1170	-1.8940	1.02953
-3.20	1.0235	2.0433	3.0668	31.5061	-1.6965	1.02354
-3.00	1.0187	1.9329	2.9516	30.9255	-1.4985	1.01876
-2.80	1.0149	1.8447	2.8596	30.3691	-1.3002	1.01494
-2.60	1.0118	1.7744	2.7863	29.8322	-1.1015	1.01189
-2.40	1.0094	1.7184	2.7278	29.3108	-0.9025	1.00946
-2.20	1.0075	1.6738	2.6813	28.8018	-0.7033	1.00753
-2.00	1.0060	1.6383	2.6443	28.3027	-0.5040	1.00599
-1.80	1.0047	1.6100	2.6148	27.8114	-0.3045	1.00477
-1.60	1.0038	1.5876	2.5914	27.3265	-0.1049	1.00379
-1.40	1.0030	1.5697	2.5727	26.8465	0.0947	1.00302
-1.20	1.0024	1.5555	2.5579	26.3705	0.2945	1.00240
-1.00	1.0020	1.5442	2.5462	25.8977	0.4943	1.00191
-0.80	1.0017	1.5352	2.5369	25.4274	0.6941	1.00152
-0.60	1.0015	1.5280	2.5295	24.9590	0.8941	1.00121
-0.40	1.0014	1.5224	2.5238	24.4921	1.0940	1.00097
-0.20	1.0014	1.5179	2.5193	24.0265	1.2940	1.00077
0.0	1.0017	1.5143	2.5160	23.5617	1.4942	1.00061
0.20	1.0022	1.5116	2.5138	23.0975	1.6944	1.00049
0.40	1.0031	1.5094	2.5126	22.6337	1.8948	1.00039
0.60	1.0047	1.5079	2.5125	22.1698	2.0954	1.00031
0.80	1.0072	1.5068	2.5139	21.7055	2.2965	1.00025
1.00	1.0112	1.5062	2.5174	21.2403	2.4982	1.00020
1.20	1.0175	1.5062	2.5237	20.7732	2.7010	1.00017
1.40	1.0277	1.5069	2.5346	20.3032	2.9053	1.00014
1.60	1.0438	1.5085	2.5523	19.8281	3.1120	1.00011
1.80	1.0694	1.5115	2.5809	19.3450	3.3225	1.00010
2.00	1.1099	1.5167	2.6265	18.8491	3.5387	1.00009
2.20	1.1741	1.5252	2.6992	18.3328	3.7631	1.00009
2.40	1.2758	1.5388	2.8147	17.7842	3.9992	1.00010

T= 8600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.1936	5.9246	7.1182	39.9112	-3.4246	1.19380
-4.80	1.1572	5.0938	6.2510	38.5393	-3.2381	1.15741
-4.60	1.1271	4.4058	5.5329	37.3256	-3.0495	1.12728
-4.40	1.1024	3.8412	4.9436	36.2479	-2.8592	1.10255
-4.20	1.0822	3.3810	4.4632	35.2848	-2.6672	1.08239
-4.00	1.0659	3.0078	4.0737	34.4171	-2.4738	1.06605
-3.80	1.0527	2.7065	3.7593	33.6281	-2.2792	1.05285
-3.60	1.0421	2.4641	3.5062	32.9034	-2.0836	1.04223
-3.40	1.0336	2.2696	3.3032	32.2310	-1.8871	1.03371
-3.20	1.0268	2.1137	3.1405	31.6008	-1.6900	1.02689
-3.00	1.0214	1.9891	3.0105	31.0047	-1.4923	1.02143
-2.80	1.0170	1.8896	2.9066	30.4359	-1.2942	1.01707
-2.60	1.0135	1.8103	2.8238	29.8890	-1.0957	1.01359

T= 8600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0108	1.7470	2.7578	29.3596	-0.8969	1.01082
-2.20	1.0086	1.6966	2.7052	28.8443	-0.6978	1.00861
-2.00	1.0068	1.6564	2.6633	28.3401	-0.4986	1.00685
-1.80	1.0054	1.6245	2.6299	27.8448	-0.2992	1.00545
-1.60	1.0043	1.5991	2.6034	27.3566	-0.0996	1.00434
-1.40	1.0035	1.5789	2.5823	26.8741	0.1000	1.00345
-1.20	1.0028	1.5628	2.5656	26.3961	0.2997	1.00275
-1.00	1.0023	1.5500	2.5523	25.9216	0.4995	1.00219
-0.80	1.0019	1.5398	2.5417	25.4500	0.6993	1.00174
-0.60	1.0016	1.5317	2.5334	24.9806	0.8992	1.00139
-0.40	1.0015	1.5253	2.5268	24.5129	1.0992	1.00111
-0.20	1.0016	1.5202	2.5218	24.0466	1.2992	1.00088
0.0	1.0018	1.5162	2.5180	23.5813	1.4993	1.00070
0.20	1.0023	1.5131	2.5154	23.1167	1.6995	1.00056
0.40	1.0032	1.5107	2.5138	22.6526	1.8999	1.00045
0.60	1.0047	1.5088	2.5135	22.1884	2.1005	1.00036
0.80	1.0072	1.5076	2.5148	21.7239	2.3016	1.00029
1.00	1.0112	1.5068	2.5180	21.2585	2.5033	1.00023
1.20	1.0175	1.5067	2.5243	20.7914	2.7060	1.00019
1.40	1.0277	1.5073	2.5350	20.3212	2.9103	1.00016
1.60	1.0437	1.5089	2.5526	19.8461	3.1171	1.00013
1.80	1.0693	1.5119	2.5811	19.3630	3.3276	1.00011
2.00	1.1097	1.5170	2.6267	18.8672	3.5437	1.00010
2.20	1.1738	1.5255	2.6993	18.3510	3.7681	1.00010
2.40	1.2754	1.5393	2.8147	17.8026	4.0041	1.00011

T= 8800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.2432	6.9398	8.1830	41.0739	-3.3970	1.24344
-4.80	1.1988	5.9470	7.1458	39.5191	-3.2128	1.19901
-4.60	1.1615	5.1145	6.2760	38.1434	-3.0265	1.16176
-4.40	1.1307	4.4243	5.5549	36.9257	-2.8382	1.13087
-4.20	1.1053	3.8572	4.9625	35.8440	-2.6480	1.10549
-4.00	1.0846	3.3946	4.4792	34.8773	-2.4562	1.08479
-3.80	1.0678	3.0192	4.0871	34.0065	-2.2630	1.06799
-3.60	1.0543	2.7160	3.7703	33.2148	-2.0686	1.05443
-3.40	1.0434	2.4719	3.5153	32.4878	-1.8731	1.04350
-3.20	1.0346	2.2760	3.3106	31.8135	-1.6767	1.03473
-3.00	1.0276	2.1190	3.1466	31.1817	-1.4797	1.02771
-2.80	1.0220	1.9934	3.0154	30.5842	-1.2821	1.02209
-2.60	1.0175	1.8932	2.9107	30.0144	-1.0840	1.01760
-2.40	1.0139	1.8131	2.8271	29.4666	-0.8855	1.01402
-2.20	1.0111	1.7493	2.7604	28.9366	-0.6867	1.01116
-2.00	1.0088	1.6985	2.7073	28.4207	-0.4877	1.00889
-1.80	1.0070	1.6580	2.6651	27.9160	-0.2885	1.00707
-1.60	1.0056	1.6258	2.6314	27.4204	-0.0891	1.00563
-1.40	1.0045	1.6002	2.6046	26.9319	0.1104	1.00448
-1.20	1.0036	1.5797	2.5833	26.4492	0.3100	1.00357
-1.00	1.0029	1.5635	2.5664	25.9709	0.5097	1.00284
-0.80	1.0024	1.5506	2.5530	25.4963	0.7095	1.00226
-0.60	1.0020	1.5403	2.5424	25.0245	0.9094	1.00180
-0.40	1.0018	1.5322	2.5340	24.5549	1.1093	1.00144
-0.20	1.0018	1.5257	2.5275	24.0871	1.3093	1.00115
0.0	1.0020	1.5206	2.5226	23.6206	1.5093	1.00092

T= 8800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0024	1.5165	2.5190	23.1551	1.7095	1.00073
0.40	1.0033	1.5135	2.5168	22.6901	1.9099	1.00059
0.60	1.0048	1.5111	2.5159	22.2254	2.1106	1.00047
0.80	1.0072	1.5094	2.5167	21.7605	2.3116	1.00038
1.00	1.0112	1.5083	2.5196	21.2947	2.5133	1.00031
1.20	1.0175	1.5079	2.5255	20.8273	2.7160	1.00025
1.40	1.0276	1.5083	2.5360	20.3569	2.9203	1.00020
1.60	1.0436	1.5098	2.5534	19.8817	3.1270	1.00017
1.80	1.0691	1.5127	2.5818	19.3986	3.3375	1.00015
2.00	1.1094	1.5178	2.6272	18.9029	3.5536	1.00013
2.20	1.1733	1.5264	2.6996	18.3869	3.7779	1.00013
2.40	1.2745	1.5403	2.8148	17.8390	4.0138	1.00014

T= 9000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.2998	8.0694	9.3692	42.3718	-3.3679	1.30021
-4.80	1.2470	6.9130	8.1600	40.6293	-3.1859	1.24737
-4.60	1.2020	5.9276	7.1296	39.0804	-3.0018	1.20234
-4.40	1.1642	5.1004	6.2646	37.7086	-2.8157	1.16454
-4.20	1.1329	4.4140	5.5469	36.4936	-2.6276	1.13318
-4.00	1.1071	3.8497	4.9569	35.4137	-2.4376	1.10739
-3.80	1.0861	3.3891	4.4752	34.4483	-2.2459	1.08634
-3.60	1.0691	3.0152	4.0843	33.5783	-2.0528	1.06926
-3.40	1.0553	2.7131	3.7684	32.7872	-1.8584	1.05545
-3.20	1.0442	2.4698	3.5140	32.0606	-1.6630	1.04433
-3.00	1.0353	2.2745	3.3097	31.3865	-1.4667	1.03540
-2.80	1.0281	2.1179	3.1460	30.7549	-1.2697	1.02825
-2.60	1.0224	1.9927	3.0151	30.1575	-1.0721	1.02252
-2.40	1.0178	1.8926	2.9105	29.5878	-0.8741	1.01795
-2.20	1.0142	1.8128	2.8270	29.0401	-0.6756	1.01430
-2.00	1.0113	1.7491	2.7605	28.5100	-0.4769	1.01139
-1.80	1.0090	1.6984	2.7074	27.9941	-0.2779	1.00907
-1.60	1.0072	1.6580	2.6652	27.4895	-0.0787	1.00722
-1.40	1.0057	1.6258	2.6316	26.9939	0.1207	1.00575
-1.20	1.0046	1.6002	2.6048	26.5054	0.3202	1.00458
-1.00	1.0037	1.5798	2.5835	26.0226	0.5198	1.00365
-0.80	1.0030	1.5636	2.5667	25.5443	0.7196	1.00291
-0.60	1.0025	1.5507	2.5533	25.0696	0.9193	1.00232
-0.40	1.0022	1.5405	2.5427	24.5978	1.1192	1.00185
-0.20	1.0021	1.5324	2.5345	24.1281	1.3192	1.00147
0.0	1.0022	1.5259	2.5282	23.6602	1.5192	1.00118
0.20	1.0026	1.5209	2.5235	23.1935	1.7194	1.00094
0.40	1.0035	1.5169	2.5204	22.7276	1.9197	1.00075
0.60	1.0049	1.5139	2.5188	22.2622	2.1204	1.00060
0.80	1.0073	1.5116	2.5190	21.7966	2.3214	1.00049
1.00	1.0112	1.5102	2.5214	21.3304	2.5231	1.00039
1.20	1.0175	1.5094	2.5270	20.8627	2.7258	1.00032
1.40	1.0276	1.5096	2.5372	20.3921	2.9301	1.00026
1.60	1.0435	1.5108	2.5544	19.9168	3.1368	1.00022
1.80	1.0689	1.5137	2.5825	19.4336	3.3472	1.00019
2.00	1.1090	1.5187	2.6278	18.9379	3.5632	1.00017
2.20	1.1727	1.5273	2.7001	18.4222	3.7874	1.00017
2.40	1.2737	1.5414	2.8151	17.8748	4.0233	1.00018

T= 9200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.3629	9.2902	10.6531	43.7832	-3.3378	1.36336
-4.80	1.3018	7.9799	9.2817	41.8596	-3.1577	1.30225
-4.60	1.2487	6.8410	8.0897	40.1338	-2.9758	1.24913
-4.40	1.2035	5.8700	7.0734	38.5985	-2.7918	1.20384
-4.20	1.1654	5.0544	6.2199	37.2378	-2.6057	1.16581
-4.00	1.1339	4.3775	5.5114	36.0317	-2.4176	1.13423
-3.80	1.1080	3.8207	4.9287	34.9590	-2.2277	1.10826
-3.60	1.0868	3.3562	4.4529	33.9992	-2.0361	1.08706
-3.40	1.0696	2.9971	4.0667	33.1338	-1.8430	1.06984
-3.20	1.0557	2.6988	3.7545	32.3463	-1.6487	1.05593
-3.00	1.0445	2.4586	3.5031	31.6225	-1.4533	1.04472
-2.80	1.0355	2.2656	3.3012	30.9507	-1.2570	1.03572
-2.60	1.0293	2.1110	3.1393	30.3209	-1.0601	1.02851
-2.40	1.0226	1.9873	3.0099	29.7250	-0.8625	1.02274
-2.20	1.0180	1.8884	2.9064	29.1563	-0.6645	1.01812
-2.00	1.0143	1.8095	2.8239	28.6095	-0.4660	1.01444
-1.80	1.0114	1.7466	2.7580	28.0802	-0.2673	1.01151
-1.60	1.0091	1.6965	2.7056	27.5648	-0.0683	1.00917
-1.40	1.0073	1.6565	2.6638	27.0606	0.1309	1.00730
-1.20	1.0058	1.6247	2.6305	26.5653	0.3303	1.00582
-1.00	1.0047	1.5994	2.6040	26.0770	0.5298	1.00464
-0.80	1.0038	1.5792	2.5830	25.5944	0.7294	1.00369
-0.60	1.0032	1.5632	2.5664	25.1163	0.9292	1.00295
-0.40	1.0027	1.5504	2.5532	24.6417	1.1290	1.00235
-0.20	1.0025	1.5403	2.5428	24.1698	1.3289	1.00187
0.0	1.0025	1.5323	2.5348	23.7002	1.5289	1.00150
0.20	1.0029	1.5260	2.5288	23.2321	1.7290	1.00120
0.40	1.0036	1.5210	2.5246	22.7651	1.9294	1.00096
0.60	1.0050	1.5172	2.5222	22.2988	2.1300	1.00077
0.80	1.0074	1.5143	2.5217	21.8326	2.3310	1.00062
1.00	1.0113	1.5123	2.5237	21.3658	2.5327	1.00050
1.20	1.0176	1.5112	2.5288	20.8977	2.7353	1.00041
1.40	1.0276	1.5111	2.5387	20.4268	2.9396	1.00034
1.60	1.0435	1.5121	2.5556	19.9513	3.1463	1.00028
1.80	1.0687	1.5148	2.5835	19.4680	3.3566	1.00024
2.00	1.1087	1.5198	2.6286	18.9724	3.5726	1.00022
2.20	1.1722	1.5285	2.7007	18.4569	3.7968	1.00021
2.40	1.2728	1.5427	2.8155	17.9100	4.0325	1.00023

T= 9400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.4309	10.5674	11.9983	45.2737	-3.3073	1.43147
-4.80	1.3623	9.1266	10.4889	43.1901	-3.1286	1.36292
-4.60	1.3013	7.8436	9.1450	41.2941	-2.9485	1.30188
-4.40	1.2483	6.7287	7.9770	39.5925	-2.7665	1.24883
-4.20	1.2031	5.7782	6.9813	38.0779	-2.5826	1.20360
-4.00	1.1652	4.9799	6.1451	36.7346	-2.3965	1.16562
-3.80	1.1337	4.3173	5.4510	35.5429	-2.2084	1.13409
-3.60	1.1078	3.7724	4.8802	34.4821	-2.0184	1.10816
-3.40	1.0866	3.3275	4.4141	33.5320	-1.8268	1.08698
-3.20	1.0695	2.9662	4.0357	32.6745	-1.6337	1.06979
-3.00	1.0556	2.6743	3.7299	31.8933	-1.4394	1.05589
-2.80	1.0445	2.4391	3.4835	31.1747	-1.2440	1.04470
-2.60	1.0355	2.2502	3.2857	30.5069	-1.0477	1.03571

T= 9400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0283	2.3988	3.1271	29.8804	-0.8508	1.02850
-2.20	1.0226	1.9777	3.0302	29.2871	-0.6532	1.02274
-2.00	1.0180	1.8809	2.8988	28.7205	-0.4551	1.01813
-1.80	1.0143	1.8036	2.8179	28.1753	-0.2567	1.01445
-1.60	1.0114	1.7420	2.7534	27.6473	-0.0579	1.01152
-1.40	1.0091	1.6928	2.7020	27.1329	0.1411	1.00918
-1.20	1.0073	1.6537	2.6610	26.6295	0.3403	1.00732
-1.00	1.0058	1.6225	2.6284	26.1348	0.5397	1.00583
-0.80	1.0047	1.5977	2.6025	25.6471	0.7392	1.00465
-0.60	1.0039	1.5780	2.5819	25.1648	0.9388	1.00371
-0.40	1.0033	1.5623	2.5656	24.6870	1.1386	1.00296
-0.20	1.0030	1.5498	2.5528	24.2125	1.3384	1.00236
0.0	1.0029	1.5399	2.5428	23.7408	1.5384	1.00189
0.20	1.0032	1.5321	2.5352	23.2710	1.7385	1.00151
0.40	1.0039	1.5259	2.5298	22.8028	1.9388	1.00121
0.60	1.0052	1.5211	2.5264	22.3354	2.1394	1.00097
0.80	1.0076	1.5175	2.5251	21.8684	2.3404	1.00078
1.00	1.0114	1.5150	2.5264	21.4010	2.5420	1.00063
1.20	1.0176	1.5134	2.5310	20.9324	2.7447	1.00052
1.40	1.0275	1.5129	2.5404	20.4611	2.9489	1.00043
1.60	1.0434	1.5137	2.5571	19.9853	3.1556	1.00036
1.80	1.0685	1.5162	2.5847	19.5020	3.3659	1.00031
2.00	1.1084	1.5211	2.6295	19.0064	3.5818	1.00028
2.20	1.1717	1.5297	2.7014	18.4911	3.8059	1.00027
2.40	1.2720	1.5442	2.8161	17.9446	4.0416	1.00029

T= 9500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.4661	11.2135	12.6796	46.3350	-3.2921	1.46678
-4.80	1.3944	9.7208	11.1152	43.8839	-3.1139	1.39506
-4.60	1.3297	8.3729	9.7026	41.9092	-2.9345	1.33029
-4.40	1.2728	7.1887	8.4615	40.1260	-2.7535	1.27339
-4.20	1.2239	6.1703	7.3942	38.5331	-2.5705	1.22445
-4.00	1.1826	5.3092	6.4917	37.1182	-2.3855	1.18308
-3.80	1.1481	4.5906	5.7387	35.8633	-2.1983	1.14855
-3.60	1.1196	3.9972	5.1168	34.7479	-2.0092	1.12003
-3.40	1.0963	3.5110	4.6073	33.7519	-1.8184	1.09666
-3.20	1.0773	3.1153	4.1926	32.8557	-1.6259	1.07765
-3.00	1.0619	2.7948	3.8567	32.0428	-1.4322	1.06224
-2.80	1.0495	2.5362	3.5858	31.2982	-1.2373	1.04981
-2.60	1.0396	2.3283	3.3679	30.6093	-1.0414	1.03982
-2.40	1.0316	2.1615	3.1930	29.9656	-0.8448	1.03180
-2.20	1.0252	2.0279	3.0530	29.3585	-0.6475	1.02538
-2.00	1.0201	1.9210	2.9411	28.7808	-0.4497	1.02024
-1.80	1.0160	1.8357	2.8517	28.2267	-0.2514	1.01614
-1.60	1.0127	1.7676	2.7804	27.6915	-0.0528	1.01287
-1.40	1.0102	1.7133	2.7235	27.1714	0.1461	1.01026
-1.20	1.0081	1.6701	2.6782	26.6635	0.3452	1.00817
-1.00	1.0065	1.6356	2.6421	26.1651	0.5445	1.00652
-0.80	1.0053	1.6082	2.6135	25.6745	0.7440	1.00520
-0.60	1.0043	1.5863	2.5907	25.1899	0.9436	1.00415
-0.40	1.0037	1.5690	2.5726	24.7102	1.1433	1.00331
-0.20	1.0032	1.5551	2.5584	24.2343	1.3431	1.00264
0.0	1.0031	1.5442	2.5473	23.7614	1.5431	1.00211

T= 9500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0033	1.5355	2.5388	23.2907	1.7432	1.00169
0.40	1.0040	1.5287	2.5327	22.8217	1.9435	1.00135
0.60	1.0053	1.5234	2.5287	22.3538	2.1440	1.00109
0.80	1.0076	1.5193	2.5270	21.8863	2.3450	1.00088
1.00	1.0114	1.5164	2.5279	21.4185	2.5467	1.00071
1.20	1.0176	1.5146	2.5323	20.9496	2.7493	1.00058
1.40	1.0275	1.5139	2.5415	20.4782	2.9535	1.00048
1.60	1.0433	1.5146	2.5579	20.0022	3.1601	1.00040
1.80	1.0684	1.5169	2.5854	19.5188	3.3705	1.00035
2.00	1.1083	1.5218	2.6301	19.0232	3.5864	1.00031
2.20	1.1714	1.5305	2.7019	18.5080	3.8104	1.00030
2.40	1.2715	1.5450	2.8165	17.9618	4.0460	1.00033

T= 9600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.5018	11.8563	13.3581	46.7986	-3.2771	1.50253
-4.80	1.4274	10.3228	11.7502	44.5908	-3.0992	1.42813
-4.60	1.3592	8.9169	10.2762	42.5437	-2.9204	1.35992
-4.40	1.2986	7.6667	8.9653	40.6818	-2.7403	1.29926
-4.20	1.2460	6.5813	7.8273	39.0109	-2.5582	1.24660
-4.00	1.2012	5.6567	6.8578	37.5231	-2.3741	1.20173
-3.80	1.1635	4.8806	6.0441	36.2028	-2.1879	1.16407
-3.60	1.1323	4.2366	5.3690	35.0305	-1.9998	1.13282
-3.40	1.1067	3.7072	4.8139	33.9857	-1.8097	1.10713
-3.20	1.0858	3.2751	4.3608	33.0489	-1.6180	1.08616
-3.00	1.0688	2.9243	3.9931	32.2022	-1.4248	1.06914
-2.80	1.0550	2.6408	3.6958	31.4298	-1.2305	1.05538
-2.60	1.0440	2.4124	3.4564	30.7182	-1.0350	1.04429
-2.40	1.0351	2.2290	3.2642	30.0562	-0.8387	1.03539
-2.20	1.0280	2.0820	3.1101	29.4342	-0.6417	1.02826
-2.00	1.0223	1.9644	2.9867	28.8445	-0.4441	1.02255
-1.80	1.0178	1.8704	2.8882	28.2808	-0.2461	1.01798
-1.60	1.0142	1.7954	2.8096	27.7379	-0.0476	1.01434
-1.40	1.0113	1.7355	2.7468	27.2117	0.1512	1.01143
-1.20	1.0090	1.6878	2.6968	26.6988	0.3502	1.00911
-1.00	1.0072	1.6498	2.6570	26.1965	0.5494	1.00727
-0.80	1.0058	1.6195	2.6254	25.7027	0.7488	1.00580
-0.60	1.0048	1.5954	2.6002	25.2156	0.9483	1.00462
-0.40	1.0040	1.5762	2.5802	24.7339	1.1480	1.00369
-0.20	1.0035	1.5610	2.5645	24.2564	1.3478	1.00295
0.0	1.0033	1.5488	2.5522	23.7822	1.5477	1.00236
0.20	1.0035	1.5393	2.5428	23.3105	1.7478	1.00189
0.40	1.0041	1.5317	2.5358	22.8407	1.9481	1.00151
0.60	1.0054	1.5258	2.5312	22.3722	2.1486	1.00122
0.80	1.0077	1.5213	2.5290	21.9042	2.3496	1.00098
1.00	1.0115	1.5181	2.5295	21.4360	2.5512	1.00079
1.20	1.0177	1.5159	2.5336	20.9668	2.7539	1.00065
1.40	1.0276	1.5150	2.5426	20.4951	2.9581	1.00054
1.60	1.0433	1.5155	2.5588	20.0190	3.1647	1.00045
1.80	1.0684	1.5178	2.5862	19.5355	3.3750	1.00039
2.00	1.1081	1.5226	2.6307	19.0399	3.5909	1.00035
2.20	1.1712	1.5312	2.7024	18.5248	3.8149	1.00034
2.40	1.2711	1.5458	2.8170	17.9788	4.0505	1.00037

T= 9800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.5732	13.1356	14.6787	48.3052	-3.2480	1.57401
-4.80	1.4952	11.5298	13.0251	46.0231	-3.0701	1.49609
-4.60	1.4213	10.0347	11.4560	43.8567	-2.8921	1.42215
-4.40	1.3537	8.6679	10.0217	41.8513	-2.7132	1.35456
-4.20	1.2938	7.4551	8.7489	40.0292	-2.5329	1.29458
-4.00	1.2419	6.4041	7.6460	38.3947	-2.3507	1.24260
-3.80	1.1977	5.5099	6.7076	36.9391	-2.1664	1.19837
-3.60	1.1607	4.7601	5.9208	35.6466	-1.9801	1.16129
-3.40	1.1300	4.1386	5.2686	34.4979	-1.7917	1.13054
-3.20	1.1048	3.6279	4.7326	33.4728	-1.6015	1.10528
-3.00	1.0842	3.2112	4.2954	32.5522	-1.4097	1.08467
-2.80	1.0675	2.8730	3.9405	31.7188	-1.2164	1.06794
-2.60	1.0540	2.5998	3.6538	30.9572	-1.0219	1.05442
-2.40	1.0432	2.3798	3.4230	30.2544	-0.8264	1.04353
-2.20	1.0345	2.2031	3.2375	29.5993	-0.6301	1.03479
-2.00	1.0275	2.0614	3.0889	28.9830	-0.4330	1.02778
-1.80	1.0219	1.9481	2.9700	28.3978	-0.2354	1.02217
-1.60	1.0175	1.8576	2.8750	27.8377	-0.0372	1.01769
-1.40	1.0139	1.7852	2.7992	27.2977	0.1612	1.01411
-1.20	1.0111	1.7276	2.7387	26.7737	0.3600	1.01126
-1.00	1.0089	1.6816	2.6905	26.2626	0.5591	1.00898
-0.80	1.0072	1.6449	2.6521	25.7618	0.7583	1.00717
-0.60	1.0058	1.6157	2.6216	25.2691	0.9578	1.00572
-0.40	1.0049	1.5925	2.5974	24.7829	1.1573	1.00457
-0.20	1.0042	1.5740	2.5782	24.3018	1.3570	1.00365
0.0	1.0039	1.5593	2.5632	23.8248	1.5569	1.00292
0.20	1.0039	1.5477	2.5516	23.3508	1.7569	1.00234
0.40	1.0045	1.5385	2.5430	22.8792	1.9572	1.00187
0.60	1.0057	1.5313	2.5370	22.4092	2.1577	1.00151
0.80	1.0079	1.5258	2.5337	21.9400	2.3586	1.00122
1.00	1.0116	1.5217	2.5334	21.4710	2.5603	1.00099
1.20	1.0177	1.5190	2.5367	21.0011	2.7629	1.00081
1.40	1.0276	1.5175	2.5451	20.5289	2.9670	1.00067
1.60	1.0433	1.5177	2.5609	20.0525	3.1736	1.00056
1.80	1.0682	1.5197	2.5879	19.5687	3.3839	1.00048
2.00	1.1078	1.5244	2.6322	19.0731	3.5997	1.00044
2.20	1.1707	1.5330	2.7037	18.5581	3.8237	1.00042
2.40	1.2703	1.5478	2.8180	18.0126	4.0591	1.00046

T= 10000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.6422	14.2637	15.9059	49.7398	-3.2206	1.64320
-4.80	1.5636	12.7038	14.2674	47.4418	-3.0419	1.56461
-4.60	1.4860	11.1639	12.6499	45.1999	-2.8640	1.48703
-4.40	1.4128	9.7099	11.1227	43.0787	-2.6859	1.41377
-4.20	1.3461	8.3859	9.7320	41.1199	-2.5069	1.34705
-4.00	1.2871	7.2148	8.5019	39.3427	-2.3264	1.28804
-3.80	1.2362	6.2022	7.4384	37.7495	-2.1439	1.23701
-3.60	1.1929	5.3424	6.5353	36.3307	-1.9594	1.19368
-3.40	1.1567	4.6225	5.7792	35.0701	-1.7728	1.15740
-3.20	1.1267	4.0263	5.1530	33.9485	-1.5842	1.12736
-3.00	1.1021	3.5369	4.6390	32.9461	-1.3938	1.10269
-2.80	1.0820	3.1379	4.2199	32.0443	-1.2018	1.08258
-2.60	1.0657	2.8142	3.8799	31.2262	-1.0083	1.06626

T= 10000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0526	2.5527	3.6053	30.4771	-0.8137	1.05308
-2.20	1.0421	2.3422	3.3843	29.7844	-0.6181	1.04247
-2.00	1.0336	2.1732	3.2068	29.1375	-0.4217	1.03394
-1.80	1.0268	2.0378	3.0645	28.5277	-0.2245	1.02711
-1.60	1.0214	1.9294	2.9507	27.9477	-0.0268	1.02165
-1.40	1.0170	1.8427	2.8598	27.3918	0.1713	1.01728
-1.20	1.0136	1.7736	2.7872	26.8551	0.3699	1.01379
-1.00	1.0109	1.7184	2.7293	26.3338	0.5687	1.01101
-0.80	1.0087	1.6744	2.6832	25.8248	0.7678	1.00879
-0.60	1.0071	1.6394	2.6465	25.3256	0.9671	1.00702
-0.40	1.0059	1.6114	2.6173	24.8342	1.1665	1.00560
-0.20	1.0050	1.5892	2.5942	24.3489	1.3662	1.00448
0.0	1.0045	1.5715	2.5760	23.8686	1.5660	1.00359
0.20	1.0044	1.5575	2.5619	23.3920	1.7659	1.00287
0.40	1.0049	1.5464	2.5513	22.9183	1.9661	1.00231
0.60	1.0060	1.5377	2.5437	22.4466	2.1666	1.00185
0.80	1.0081	1.5310	2.5391	21.9761	2.3675	1.00150
1.00	1.0118	1.5260	2.5378	21.5061	2.5691	1.00121
1.20	1.0179	1.5225	2.5403	21.0353	2.7717	1.00099
1.40	1.0276	1.5205	2.5481	20.5625	2.9758	1.00082
1.60	1.0432	1.5202	2.5634	20.0857	3.1824	1.00069
1.80	1.0681	1.5219	2.5900	19.6017	3.3926	1.00060
2.00	1.1076	1.5264	2.6340	19.1059	3.6084	1.00054
2.20	1.1702	1.5350	2.7052	18.5911	3.8323	1.00052
2.40	1.2694	1.5500	2.8194	18.0461	4.0676	1.00057

T= 10200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.7065	15.2860	16.9925	51.0550	-3.1953	1.70754
-4.80	1.6302	13.8002	15.4304	48.8007	-3.0152	1.63131
-4.60	1.5515	12.2671	13.8186	46.5351	-2.8367	1.55265
-4.40	1.4744	10.7648	12.2392	44.3363	-2.6588	1.47556
-4.20	1.4020	9.3549	10.7569	42.2644	-2.4806	1.40321
-4.00	1.3365	8.0772	9.4137	40.3565	-2.3014	1.33764
-3.80	1.2788	6.9513	8.2301	38.6287	-2.1206	1.27985
-3.60	1.2290	5.9808	7.2098	37.0811	-1.9378	1.23004
-3.40	1.1869	5.1586	6.3455	35.7029	-1.7530	1.18784
-3.20	1.1517	4.4714	5.6231	34.4775	-1.5661	1.15256
-3.00	1.1226	3.9031	5.0257	33.3858	-1.3772	1.12339
-2.80	1.0987	3.4370	4.5358	32.4085	-1.1865	1.09947
-2.60	1.0793	3.0573	4.1366	31.5274	-0.9943	1.07997
-2.40	1.0636	2.7495	3.8131	30.7263	-0.8006	1.06417
-2.20	1.0509	2.5010	3.5519	29.9910	-0.6059	1.05141
-2.00	1.0407	2.3010	3.3416	29.3095	-0.4101	1.04113
-1.80	1.0325	2.1404	3.1729	28.6717	-0.2135	1.03289
-1.60	1.0259	2.0117	3.0376	28.0691	-0.0163	1.02628
-1.40	1.0207	1.9088	2.9294	27.4949	0.1815	1.02099
-1.20	1.0165	1.8265	2.8430	26.9436	0.3797	1.01676
-1.00	1.0132	1.7608	2.7740	26.4106	0.5783	1.01338
-0.80	1.0106	1.7084	2.7190	25.8922	0.7772	1.01069
-0.60	1.0086	1.6666	2.6751	25.3855	0.9763	1.00854
-0.40	1.0070	1.6333	2.6403	24.8881	1.1756	1.00683
-0.20	1.0059	1.6067	2.6127	24.3981	1.3752	1.00546
0.0	1.0052	1.5856	2.5909	23.9139	1.5749	1.00437

T= 10200						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
0.20	1.0050	1.5688	2.5739	23.4343	1.7748	1.00350
0.40	1.0053	1.5556	2.5609	22.9581	1.9749	1.00281
0.60	1.0064	1.5451	2.5515	22.4845	2.1753	1.00227
0.80	1.0084	1.5370	2.5455	22.0126	2.3762	1.00183
1.00	1.0120	1.5309	2.5429	21.5413	2.5778	1.00149
1.20	1.0180	1.5266	2.5446	21.0696	2.7803	1.00122
1.40	1.0277	1.5239	2.5516	20.5961	2.9845	1.00101
1.60	1.0432	1.5231	2.5663	20.1187	3.1910	1.00085
1.80	1.0680	1.5245	2.5924	19.6344	3.4012	1.00073
2.00	1.1073	1.5288	2.6361	19.1385	3.6169	1.00066
2.20	1.1697	1.5373	2.7070	18.6239	3.8407	1.00064
2.40	1.2686	1.5525	2.8211	18.0794	4.0759	1.00070

T= 10400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.7638	16.1415	17.9254	52.2158	-3.1725	1.76503
-4.80	1.6926	14.7798	16.4724	50.0579	-2.9904	1.69390
-4.60	1.6156	13.3061	14.9217	47.8225	-2.8106	1.61693
-4.40	1.5369	11.8010	13.3379	45.5915	-2.6323	1.53830
-4.20	1.4605	10.3386	11.7992	43.4392	-2.4545	1.46191
-4.00	1.3893	8.9758	10.3651	41.4205	-2.2762	1.39071
-3.80	1.3252	7.7477	9.0729	39.5677	-2.0967	1.32654
-3.60	1.2690	6.6702	7.9392	37.8932	-1.9155	1.27024
-3.40	1.2207	5.7446	6.9653	36.3947	-1.7324	1.22187
-3.20	1.1799	4.9626	6.1425	35.0602	-1.5471	1.18101
-3.00	1.1459	4.3103	5.4562	33.8726	-1.3598	1.14692
-2.80	1.1179	3.7717	4.8896	32.8131	-1.1706	1.11877
-2.60	1.0949	3.3306	4.4255	31.8627	-0.9796	1.09571
-2.40	1.0762	2.9715	4.0477	31.0038	-0.7871	1.07694
-2.20	1.0611	2.6807	3.7417	30.2210	-0.5932	1.06173
-2.00	1.0488	2.4459	3.4948	29.5005	-0.3983	1.04946
-1.80	1.0390	2.2571	3.2961	28.8310	-0.2023	1.03958
-1.60	1.0312	2.1055	3.1367	28.2028	-0.0056	1.03166
-1.40	1.0249	1.9840	3.0089	27.6080	0.1917	1.02530
-1.20	1.0199	1.8869	2.9068	27.0401	0.3896	1.02022
-1.00	1.0159	1.8092	2.8251	26.4937	0.5879	1.01616
-0.80	1.0127	1.7472	2.7603	25.9646	0.7865	1.01291
-0.60	1.0103	1.6977	2.7080	25.4493	0.9855	1.01032
-0.40	1.0084	1.6583	2.6667	24.9451	1.1847	1.00825
-0.20	1.0070	1.6268	2.6339	24.4496	1.3841	1.00660
0.0	1.0061	1.6018	2.6079	23.9610	1.5837	1.00529
0.20	1.0057	1.5819	2.5876	23.4779	1.7835	1.00424
0.40	1.0059	1.5661	2.5720	22.9990	1.9836	1.00341
0.60	1.0068	1.5537	2.5605	22.5232	2.1840	1.00275
0.80	1.0087	1.5440	2.5528	22.0495	2.3848	1.00222
1.00	1.0123	1.5367	2.5489	21.5768	2.5863	1.00180
1.20	1.0182	1.5313	2.5495	21.1041	2.7888	1.00148
1.40	1.0278	1.5279	2.5557	20.6297	2.9929	1.00122
1.60	1.0432	1.5265	2.5697	20.1517	3.1994	1.00103
1.80	1.0679	1.5275	2.5953	19.6670	3.4095	1.00089
2.00	1.1070	1.5315	2.6386	19.1710	3.6252	1.00081
2.20	1.1692	1.5400	2.7092	18.6565	3.8489	1.00079
2.40	1.2677	1.5554	2.8232	18.1125	4.0841	1.00086

T= 10500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.7896	16.5018	18.2914	52.7323	-3.1621	1.79079
-4.80	1.7217	15.2163	16.9380	50.6380	-2.9789	1.72306
-4.60	1.6465	13.7905	15.4370	48.4365	-2.7983	1.64793
-4.40	1.5680	12.3018	13.8698	46.2076	-2.6195	1.56947
-4.20	1.4903	10.8279	12.3181	44.0297	-2.4415	1.49180
-4.00	1.4168	9.4327	10.8495	41.9655	-2.2635	1.41826
-3.80	1.3497	8.1598	9.5095	40.0558	-2.0846	1.35116
-3.60	1.2903	7.0318	8.3221	38.3203	-1.9041	1.29170
-3.40	1.2389	6.0553	7.2942	36.7617	-1.7218	1.24022
-3.20	1.1952	5.2251	6.4203	35.3714	-1.5374	1.19645
-3.00	1.1587	4.5293	5.6880	34.1339	-1.3509	1.15977
-2.80	1.1283	3.9527	5.0810	33.0310	-1.1624	1.12937
-2.60	1.1035	3.4790	4.5824	32.0435	-0.9721	1.10438
-2.40	1.0832	3.0924	4.1756	31.1537	-0.7801	1.08400
-2.20	1.0667	2.7787	3.8454	30.3451	-0.5868	1.06745
-2.00	1.0534	2.5252	3.5786	29.5036	-0.3922	1.05408
-1.80	1.0427	2.3210	3.3637	28.9168	-0.1967	1.04331
-1.60	1.0341	2.1569	3.1911	28.2747	-0.0002	1.03465
-1.40	1.0272	2.0254	3.0526	27.6685	0.1969	1.02771
-1.20	1.0217	1.9201	2.9418	27.0915	0.3945	1.02215
-1.00	1.0174	1.8359	2.8533	26.5378	0.5927	1.01770
-0.80	1.0139	1.7686	2.7825	26.0028	0.7912	1.01415
-0.60	1.0112	1.7149	2.7261	25.4828	0.9900	1.01131
-0.40	1.0092	1.6721	2.6812	24.9748	1.1891	1.00905
-0.20	1.0076	1.6379	2.6456	24.4763	1.3885	1.00725
0.0	1.0066	1.6107	2.6173	23.9854	1.5880	1.00581
0.20	1.0061	1.5891	2.5952	23.5003	1.7878	1.00466
0.40	1.0062	1.5720	2.5782	23.0199	1.9879	1.00374
0.60	1.0070	1.5585	2.5655	22.5428	2.1882	1.00302
0.80	1.0089	1.5479	2.5568	22.0681	2.3890	1.00244
1.00	1.0124	1.5398	2.5522	21.5947	2.5905	1.00198
1.20	1.0182	1.5340	2.5522	21.1214	2.7930	1.00162
1.40	1.0278	1.5301	2.5580	20.6466	2.9971	1.00135
1.60	1.0432	1.5284	2.5716	20.1683	3.2036	1.00113
1.80	1.0678	1.5291	2.5969	19.6833	3.4137	1.00098
2.00	1.1069	1.5330	2.6400	19.1872	3.6293	1.00089
2.20	1.1690	1.5415	2.7105	18.6727	3.8530	1.00087
2.40	1.2673	1.5571	2.8244	18.1290	4.0881	1.00095

T= 10600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.8132	16.8167	18.6299	53.2051	-3.1523	1.81447
-4.80	1.7491	15.6138	17.3630	51.1816	-2.9679	1.75054
-4.60	1.6763	14.2464	15.9227	49.0252	-2.7863	1.67785
-4.40	1.5986	12.7857	14.3843	46.8104	-2.6070	1.60020
-4.20	1.5202	11.3106	12.8307	44.6173	-2.4288	1.52178
-4.00	1.4447	9.8912	11.3358	42.5154	-2.2509	1.44632
-3.80	1.3749	8.5785	9.9535	40.5539	-2.0724	1.37652
-3.60	1.3125	7.4030	8.7155	38.7599	-1.8926	1.31401
-3.40	1.2580	6.3767	7.6347	37.1420	-1.7110	1.25943
-3.20	1.2114	5.4983	6.7097	35.6955	-1.5274	1.21272
-3.00	1.1721	4.7584	5.9305	34.4070	-1.3417	1.17336
-2.80	1.1395	4.1427	5.2821	33.2593	-1.1540	1.14061
-2.60	1.1126	3.6352	4.7477	32.2335	-0.9644	1.11361

T= 10600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.0906	3.2200	4.3106	31.3112	-0.7730	1.09153
-2.20	1.0727	2.8824	3.9552	30.4757	-0.5802	1.07357
-2.00	1.0582	2.6092	3.6674	29.7119	-0.3861	1.05902
-1.80	1.0466	2.3888	3.4354	29.0069	-0.1909	1.04729
-1.60	1.0372	2.2116	3.2488	28.3500	0.0052	1.03786
-1.40	1.0297	2.0693	3.0991	27.7319	0.2020	1.03029
-1.20	1.0238	1.9554	2.9792	27.1451	0.3995	1.02422
-1.00	1.0190	1.8642	2.8832	26.5837	0.5975	1.01937
-0.80	1.0152	1.7914	2.8066	26.0424	0.7959	1.01548
-0.60	1.0123	1.7332	2.7455	25.5175	0.9946	1.01238
-0.40	1.0100	1.6868	2.6968	25.0054	1.1936	1.00991
-0.20	1.0083	1.6498	2.6580	24.5037	1.3929	1.00793
0.0	1.0071	1.6203	2.6274	24.0102	1.5924	1.00636
0.20	1.0065	1.5968	2.6033	23.5231	1.7921	1.00510
0.40	1.0065	1.5782	2.5847	23.0410	1.9921	1.00410
0.60	1.0073	1.5635	2.5708	22.5627	2.1925	1.00331
0.80	1.0091	1.5521	2.5612	22.0870	2.3932	1.00268
1.00	1.0125	1.5433	2.5558	21.6127	2.5947	1.00218
1.20	1.0184	1.5368	2.5551	21.1387	2.7972	1.00178
1.40	1.0279	1.5325	2.5604	20.6635	3.0012	1.00148
1.60	1.0432	1.5304	2.5737	20.1848	3.2077	1.00125
1.80	1.0678	1.5309	2.5987	19.6996	3.4178	1.00108
2.00	1.1068	1.5347	2.6415	19.2034	3.6334	1.00098
2.20	1.1687	1.5431	2.7119	18.6889	3.8570	1.00095
2.40	1.2669	1.5588	2.8257	18.1455	4.0920	1.00105

T= 10800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.8542	17.3149	19.1691	54.0224	-3.1344	1.85553
-4.80	1.7985	16.2875	18.0860	52.1536	-2.9477	1.79999
-4.60	1.7320	15.0612	16.7932	50.1140	-2.7640	1.73369
-4.40	1.6577	13.6884	15.3461	47.9606	-2.5831	1.65946
-4.20	1.5794	12.2428	13.8222	45.7697	-2.4041	1.58128
-4.00	1.5014	10.8011	12.3025	43.6187	-2.2261	1.50330
-3.80	1.4272	9.4279	10.8551	41.5715	-2.0481	1.42902
-3.60	1.3591	8.1687	9.5278	39.6710	-1.8693	1.36091
-3.40	1.2936	7.0485	8.3470	37.9392	-1.6891	1.30030
-3.20	1.2460	6.0754	7.3215	36.3806	-1.5071	1.24765
-3.00	1.2013	5.2461	6.4474	34.9882	-1.3229	1.20278
-2.80	1.1637	4.5497	5.7134	33.7474	-1.1367	1.16509
-2.60	1.1325	3.9715	5.1040	32.6408	-0.9485	1.13380
-2.40	1.1069	3.4959	4.6027	31.6498	-0.7585	1.10805
-2.20	1.0859	3.1074	4.1933	30.7565	-0.5668	1.08702
-2.00	1.0690	2.7918	3.8607	29.9449	-0.3736	1.06993
-1.80	1.0552	2.5365	3.5917	29.2006	-0.1792	1.05611
-1.60	1.0442	2.3307	3.3749	28.5116	0.0162	1.04497
-1.40	1.0353	2.1653	3.2007	27.8674	0.2125	1.03601
-1.20	1.0282	2.0326	3.0609	27.2596	0.4095	1.02882
-1.00	1.0226	1.9263	2.9489	26.6812	0.6071	1.02306
-0.80	1.0181	1.8413	2.8594	26.1263	0.8052	1.01845
-0.60	1.0145	1.7733	2.7879	25.5904	1.0037	1.01477
-0.40	1.0118	1.7191	2.7309	25.0695	1.2025	1.01182
-0.20	1.0097	1.6758	2.6855	24.5608	1.4016	1.00947
0.0	1.0083	1.6413	2.6495	24.0617	1.6010	1.00760

T= 10800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0074	1.5138	2.6212	23.5701	1.8006	1.00610
0.40	1.0072	1.5920	2.5992	23.3844	2.0005	1.00491
0.60	1.0078	1.5747	2.5826	22.6032	2.2008	1.00396
0.80	1.0096	1.5612	2.5708	22.1252	2.4016	1.00321
1.00	1.0129	1.5508	2.5637	21.6492	2.6030	1.00261
1.20	1.0186	1.5431	2.5617	21.1738	2.8054	1.00214
1.40	1.0280	1.5378	2.5658	20.6974	3.0094	1.00178
1.60	1.0433	1.5350	2.5783	20.2180	3.2158	1.00150
1.80	1.0677	1.5349	2.6026	19.7323	3.4259	1.00130
2.00	1.1066	1.5383	2.6449	19.2357	3.6414	1.00118
2.20	1.1683	1.5467	2.7150	18.7214	3.8650	1.00115
2.40	1.2660	1.5627	2.8288	18.1786	4.0999	1.00127

T= 11000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.8873	17.6528	19.5401	54.6814	-3.1188	1.88865
-4.80	1.8402	16.8004	18.6407	52.9703	-2.9297	1.84180
-4.60	1.7814	15.7348	17.5162	51.0704	-2.7438	1.78322
-4.40	1.7125	14.4847	16.1972	49.0155	-2.5610	1.71448
-4.20	1.6367	13.1088	14.7455	46.8683	-2.3806	1.63881
-4.00	1.5582	11.6820	13.2402	44.7058	-2.2020	1.56034
-3.80	1.4809	10.2775	11.7585	42.6018	-2.0241	1.48308
-3.60	1.4082	8.9545	10.3626	40.6138	-1.8460	1.41030
-3.40	1.3420	7.7517	9.0937	38.7781	-1.6668	1.34412
-3.20	1.2837	6.6890	7.9727	37.1112	-1.4862	1.28565
-3.00	1.2333	5.7710	7.0043	35.6140	-1.3035	1.23513
-2.80	1.1905	4.9919	6.1824	34.2771	-1.1189	1.19225
-2.60	1.1548	4.3397	5.4944	33.0851	-0.9321	1.15635
-2.40	1.1252	3.7996	4.9248	32.0203	-0.7434	1.12662
-2.20	1.1009	3.3562	4.4570	31.0646	-0.5529	1.10220
-2.00	1.0811	2.9945	4.0755	30.2006	-0.3608	1.08229
-1.80	1.0650	2.7010	3.7660	29.4131	-0.1672	1.06612
-1.60	1.0521	2.4638	3.5159	28.6886	0.0274	1.05306
-1.40	1.0417	2.2727	3.3144	28.0155	0.2231	1.04253
-1.20	1.0333	2.1192	3.1525	27.3843	0.4196	1.03407
-1.00	1.0266	1.9960	3.0227	26.7869	0.6168	1.02728
-0.80	1.0213	1.8974	2.9188	26.2167	0.8146	1.02185
-0.60	1.0171	1.8185	2.8357	25.6685	1.0128	1.01750
-0.40	1.0139	1.7555	2.7693	25.1378	1.2114	1.01402
-0.20	1.0114	1.7051	2.7165	24.6212	1.4103	1.01124
0.0	1.0096	1.6650	2.6746	24.1157	1.6095	1.00902
0.20	1.0085	1.6330	2.6415	23.6191	1.8091	1.00725
0.40	1.0081	1.6076	2.6156	23.1293	2.0089	1.00584
0.60	1.0085	1.5874	2.5959	22.6449	2.2091	1.00471
0.80	1.0101	1.5716	2.5817	22.1644	2.4097	1.00382
1.00	1.0133	1.5594	2.5726	21.6863	2.6111	1.00311
1.20	1.0189	1.5502	2.5691	21.2093	2.8135	1.00255
1.40	1.0282	1.5438	2.5720	20.7317	3.0175	1.00212
1.60	1.0434	1.5401	2.5835	20.2513	3.2238	1.00179
1.80	1.0676	1.5395	2.6071	19.7650	3.4338	1.00156
2.00	1.1063	1.5425	2.6489	19.2682	3.6493	1.00142
2.20	1.1678	1.5508	2.7186	18.7539	3.8728	1.00139
2.40	1.2652	1.5672	2.8324	18.2118	4.1075	1.00154

T= 11200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9134	17.8548	19.7682	55.2035	-3.1050	1.91475
-4.80	1.8745	17.1641	19.0386	53.6401	-2.9139	1.87616
-4.60	1.8240	16.2635	18.0875	51.8875	-2.7258	1.82584
-4.40	1.7620	15.1582	16.9202	49.9562	-2.5408	1.76406
-4.20	1.6906	13.8860	15.5766	47.8887	-2.3587	1.69294
-4.00	1.6136	12.5109	14.1245	45.7527	-2.1790	1.61605
-3.80	1.5351	11.1076	12.6427	43.6245	-2.0006	1.53759
-3.60	1.4589	9.7452	11.2041	41.5730	-1.8228	1.46139
-3.40	1.3880	8.4760	9.8640	39.6485	-1.6444	1.39040
-3.20	1.3241	7.3325	8.6566	37.8809	-1.4649	1.32643
-3.00	1.2681	6.3293	7.5973	36.2812	-1.2836	1.27030
-2.80	1.2200	5.4674	6.6874	34.8467	-1.1004	1.22208
-2.60	1.1794	4.7390	5.9184	33.5662	-0.9151	1.18131
-2.40	1.1455	4.1313	5.2768	32.4234	-0.7278	1.14730
-2.20	1.1176	3.6293	4.7469	31.4006	-0.5385	1.11920
-2.00	1.0947	3.2180	4.3127	30.4801	-0.3475	1.09618
-1.80	1.0761	2.8830	3.9591	29.6454	-0.1549	1.07742
-1.60	1.0610	2.6115	3.6725	28.8819	0.0389	1.06221
-1.40	1.0488	2.3922	3.4410	28.1770	0.2339	1.04993
-1.20	1.0391	2.2157	3.2547	27.5198	0.4299	1.04004
-1.00	1.0313	2.0739	3.1051	26.9013	0.6266	1.03209
-0.80	1.0250	1.9601	2.9852	26.3142	0.8240	1.02571
-0.60	1.0201	1.8691	2.8892	25.7523	1.0219	1.02061
-0.40	1.0162	1.7963	2.8125	25.2106	1.2202	1.01652
-0.20	1.0133	1.7381	2.7513	24.6851	1.4189	1.01325
0.0	1.0111	1.6916	2.7027	24.1726	1.6180	1.01064
0.20	1.0097	1.6546	2.6642	23.6702	1.8174	1.00856
0.40	1.0090	1.6251	2.6341	23.1760	2.0171	1.00690
0.60	1.0093	1.6018	2.6110	22.6880	2.2172	1.00557
0.80	1.0107	1.5834	2.5940	22.2045	2.4178	1.00452
1.00	1.0137	1.5691	2.5828	21.7242	2.6191	1.00369
1.20	1.0192	1.5583	2.5775	21.2454	2.8215	1.00303
1.40	1.0284	1.5507	2.5791	20.7665	3.0254	1.00252
1.60	1.0435	1.5460	2.5895	20.2850	3.2317	1.00213
1.80	1.0676	1.5447	2.6123	19.7980	3.4416	1.00186
2.00	1.1061	1.5473	2.6535	19.3008	3.6570	1.00169
2.20	1.1674	1.5555	2.7229	18.7866	3.8804	1.00166
2.40	1.2643	1.5723	2.8366	18.2452	4.1151	1.00185

T= 11400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9335	17.9475	19.8810	55.6131	-3.0927	1.93494
-4.80	1.9021	17.3977	19.2997	54.1797	-2.8999	1.90374
-4.60	1.8596	16.6540	18.5136	52.5695	-2.7097	1.86153
-4.40	1.8053	15.7024	17.5077	50.7737	-2.5226	1.80748
-4.20	1.7400	14.5580	16.2980	48.8126	-2.3385	1.74247
-4.00	1.6665	13.2672	14.9337	46.7373	-2.1573	1.66913
-3.80	1.5886	11.8984	13.4869	44.6189	-1.9781	1.59135
-3.60	1.5104	10.5245	12.0350	42.5316	-1.8000	1.51326
-3.40	1.4357	9.2092	10.6448	40.5381	-1.6220	1.43849
-3.20	1.3669	7.9975	9.3644	38.6815	-1.4434	1.36961
-3.00	1.3055	6.9157	8.2212	36.9847	-1.2633	1.30809
-2.80	1.2520	5.9733	7.2253	35.4538	-1.0815	1.25450
-2.60	1.2064	5.1681	6.3744	34.0828	-0.8976	1.20870

T= 11400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.1680	4.4905	5.6585	32.8588	-0.7117	1.17015
-2.20	1.1361	3.9270	5.0631	31.7651	-0.5237	1.13809
-2.00	1.1099	3.4628	4.5726	30.7839	-0.3338	1.11168
-1.80	1.0884	3.0831	4.1715	29.8983	-0.1423	1.09007
-1.60	1.0710	2.7743	3.8453	29.0924	0.0507	1.07249
-1.40	1.0569	2.5243	3.5812	28.3526	0.2449	1.05826
-1.20	1.0456	2.3226	3.3682	27.6668	0.4403	1.04677
-1.00	1.0365	2.1603	3.1968	27.0252	0.6365	1.03752
-0.80	1.0292	2.0299	3.0591	26.4192	0.8334	1.03009
-0.60	1.0235	1.9254	2.9489	25.8421	1.0310	1.02414
-0.40	1.0189	1.8418	2.8607	25.2883	1.2290	1.01937
-0.20	1.0154	1.7749	2.7903	24.7530	1.4275	1.01555
0.0	1.0128	1.7214	2.7342	24.2325	1.6264	1.01249
0.20	1.0110	1.6788	2.6898	23.7239	1.8257	1.01005
0.40	1.0101	1.6448	2.6549	23.2246	2.0253	1.00811
0.60	1.0101	1.6179	2.6280	22.7326	2.2253	1.00656
0.80	1.0113	1.5966	2.6080	22.2459	2.4258	1.00532
1.00	1.0142	1.5801	2.5943	21.7630	2.6270	1.00434
1.20	1.0196	1.5675	2.5871	21.2823	2.8293	1.00357
1.40	1.0287	1.5584	2.5871	20.8017	3.0332	1.00298
1.60	1.0436	1.5527	2.5963	20.3192	3.2394	1.00252
1.80	1.0676	1.5506	2.6182	19.8314	3.4493	1.00220
2.00	1.1060	1.5528	2.6588	19.3338	3.6646	1.00201
2.20	1.1669	1.5609	2.7278	18.8196	3.8879	1.00197
2.40	1.2634	1.5783	2.8416	18.2790	4.1224	1.00221

T= 11500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9418	17.9607	19.9025	55.7831	-3.0871	1.94319
-4.80	1.9136	17.4727	19.3863	54.4070	-2.8935	1.91528
-4.60	1.8749	16.8018	18.6767	52.8634	-2.7023	1.87690
-4.40	1.8245	15.9266	17.7511	51.1359	-2.5142	1.82680
-4.20	1.7627	14.8515	16.6142	49.2345	-2.3291	1.76525
-4.00	1.6915	13.6130	15.3046	47.2004	-2.1470	1.69433
-3.80	1.6146	12.2732	13.8878	45.0992	-1.9672	1.61758
-3.60	1.5362	10.9047	12.4408	43.0053	-1.7889	1.53918
-3.40	1.4600	9.5749	11.0349	40.9859	-1.6110	1.46298
-3.20	1.3890	8.3352	9.7242	39.0905	-1.4326	1.39194
-3.00	1.3250	7.2175	8.5425	37.3483	-1.2531	1.32788
-2.80	1.2689	6.2364	7.5054	35.7702	-1.0719	1.27164
-2.60	1.2207	5.3931	6.6139	34.3540	-0.8887	1.22329
-2.40	1.1800	4.6801	5.8601	33.0885	-0.7034	1.18240
-2.20	1.1461	4.0850	5.2310	31.9580	-0.5161	1.14827
-2.00	1.1181	3.5932	4.7113	30.9452	-0.3268	1.12006
-1.80	1.0951	3.1901	4.2852	30.0326	-0.1358	1.09693
-1.60	1.0764	2.8616	3.9380	29.2043	0.0567	1.07808
-1.40	1.0613	2.5953	3.6566	28.4459	0.2505	1.06279
-1.20	1.0491	2.3801	3.4292	27.7449	0.4455	1.05044
-1.00	1.0393	2.2068	3.2462	27.0908	0.6415	1.04049
-0.80	1.0315	2.0676	3.0991	26.4748	0.8382	1.03249
-0.60	1.0253	1.9559	2.9811	25.8895	1.0355	1.02607
-0.40	1.0204	1.8664	2.8868	25.3291	1.2335	1.02092
-0.20	1.0166	1.7948	2.8114	24.7885	1.4318	1.01680
0.0	1.0137	1.7376	2.7513	24.2638	1.6306	1.01351

T= 11500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0118	1.6919	2.7037	23.7518	1.8298	1.01088
0.40	1.0107	1.6555	2.6662	23.2497	2.0293	1.00877
0.60	1.0106	1.6266	2.6372	22.7555	2.2293	1.00710
0.80	1.0117	1.6038	2.6155	22.2671	2.4298	1.00576
1.00	1.0145	1.5860	2.6006	21.7828	2.6310	1.00471
1.20	1.0198	1.5725	2.5923	21.3010	2.8332	1.00388
1.40	1.0288	1.5627	2.5915	20.8196	3.0370	1.00323
1.60	1.0437	1.5564	2.6001	20.3364	3.2433	1.00274
1.80	1.0676	1.5539	2.6215	19.8482	3.4531	1.00239
2.00	1.1059	1.5558	2.6617	19.3503	3.6684	1.00218
2.20	1.1667	1.5639	2.7305	18.8362	3.8916	1.00215
2.40	1.2629	1.5815	2.8445	18.2961	4.1261	1.00242

T= 11600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9490	17.9558	19.9048	55.9337	-3.0817	1.95039
-4.80	1.9238	17.5236	19.4475	54.6095	-2.8874	1.92549
-4.60	1.8887	16.9208	18.8095	53.1284	-2.6954	1.89073
-4.40	1.8422	16.1200	17.9622	51.4681	-2.5062	1.84454
-4.20	1.7840	15.1162	16.9002	49.6290	-2.3202	1.78662
-4.00	1.7156	13.9352	15.6508	47.6419	-2.1371	1.71846
-3.80	1.6401	12.6315	14.2717	45.5654	-1.9567	1.64319
-3.60	1.5617	11.2757	12.8374	43.4724	-1.7779	1.56491
-3.40	1.4844	9.9378	11.4222	41.4332	-1.6000	1.48764
-3.20	1.4115	8.6745	10.0860	39.5034	-1.4219	1.41467
-3.00	1.3451	7.5239	8.8690	37.7184	-1.2428	1.34820
-2.80	1.2864	6.5056	7.7921	36.0946	-1.0622	1.28936
-2.60	1.2357	5.6248	6.8605	34.6333	-0.8796	1.23846
-2.40	1.1926	4.8762	6.0688	33.3260	-0.6950	1.19519
-2.20	1.1565	4.2489	5.4055	32.1581	-0.5084	1.15893
-2.00	1.1267	3.7290	4.8557	31.1126	-0.3197	1.12886
-1.80	1.1022	3.3017	4.4039	30.1723	-0.1293	1.10415
-1.60	1.0822	2.9529	4.0350	29.3207	0.0627	1.08398
-1.40	1.0659	2.6696	3.7355	28.5430	0.2562	1.06758
-1.20	1.0529	2.4404	3.4933	27.8261	0.4508	1.05432
-1.00	1.0423	2.2557	3.2981	27.1590	0.6465	1.04363
-0.80	1.0339	2.1071	3.1411	26.5324	0.8429	1.03503
-0.60	1.0272	1.9879	3.0151	25.9386	1.0401	1.02812
-0.40	1.0219	1.8923	2.9142	25.3712	1.2379	1.02258
-0.20	1.0178	1.8158	2.8336	24.8251	1.4361	1.01814
0.0	1.0147	1.7546	2.7693	24.2959	1.6348	1.01459
0.20	1.0126	1.7057	2.7183	23.7803	1.8339	1.01175
0.40	1.0113	1.6668	2.6781	23.2754	2.0333	1.00948
0.60	1.0111	1.6359	2.6470	22.7789	2.2332	1.00767
0.80	1.0121	1.6114	2.6236	22.2886	2.4337	1.00624
1.00	1.0148	1.5924	2.6072	21.8029	2.6348	1.00509
1.20	1.0200	1.5778	2.5978	21.3199	2.8371	1.00420
1.40	1.0290	1.5672	2.5962	20.8377	3.0409	1.00350
1.60	1.0438	1.5603	2.6041	20.3538	3.2471	1.00297
1.80	1.0676	1.5574	2.6250	19.8651	3.4569	1.00259
2.00	1.1058	1.5590	2.6648	19.3670	3.6721	1.00237
2.20	1.1665	1.5670	2.7335	18.8529	3.8953	1.00234
2.40	1.2625	1.5850	2.8475	18.3133	4.1297	1.00264

T= 11800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9607	17.9015	19.8623	56.1860	-3.0717	1.96213
-4.80	1.9407	17.5644	19.5051	54.9502	-2.8762	1.94242
-4.60	1.9122	17.0822	18.9943	53.5805	-2.6826	1.91420
-4.40	1.8731	16.4207	18.2938	52.0471	-2.4916	1.87546
-4.20	1.8223	15.5597	17.3820	50.3348	-2.3035	1.82502
-4.00	1.7601	14.5047	16.2648	48.4545	-2.1186	1.76318
-3.80	1.6887	13.2919	14.9806	46.4474	-1.9366	1.69208
-3.60	1.6118	11.9826	13.5944	44.3781	-1.7568	1.61529
-3.40	1.5334	10.6477	12.1811	42.3190	-1.5785	1.53699
-3.20	1.4574	9.3524	10.8097	40.3353	-1.4006	1.46100
-3.00	1.3867	8.1460	9.5327	38.4744	-1.2222	1.39022
-2.80	1.3230	7.0594	8.3824	36.7642	-1.0426	1.32644
-2.60	1.2672	6.1060	7.3733	35.2148	-0.8613	1.27048
-2.40	1.2193	5.2869	6.5062	33.8234	-0.6780	1.22239
-2.20	1.1789	4.5944	5.7733	32.5791	-0.4926	1.18173
-2.00	1.1452	4.0165	5.1617	31.4663	-0.3053	1.14778
-1.80	1.1173	3.5390	4.6563	30.4680	-0.1159	1.11973
-1.60	1.0945	3.1475	4.2420	29.5674	0.0751	1.09672
-1.40	1.0760	2.8284	3.9044	28.7488	0.2677	1.07797
-1.20	1.0610	2.5697	3.6307	27.9981	0.4616	1.06276
-1.00	1.0489	2.3606	3.4095	27.3033	0.6566	1.05046
-0.80	1.0392	2.1922	3.2314	26.6542	0.8526	1.04055
-0.60	1.0314	2.0568	3.0882	26.0421	1.0493	1.03258
-0.40	1.0253	1.9481	2.9734	25.4599	1.2467	1.02619
-0.20	1.0205	1.8610	2.8816	24.9018	1.4447	1.02106
0.0	1.0169	1.7913	2.8082	24.3630	1.6432	1.01695
0.20	1.0143	1.7357	2.7500	23.8397	1.8420	1.01366
0.40	1.0127	1.6913	2.7040	23.3286	2.0414	1.01103
0.60	1.0122	1.6559	2.6681	22.8271	2.2411	1.00894
0.80	1.0130	1.6280	2.6410	22.3329	2.4415	1.00727
1.00	1.0155	1.6061	2.6216	21.8440	2.6426	1.00595
1.20	1.0205	1.5894	2.6099	21.3586	2.8447	1.00490
1.40	1.0293	1.5770	2.6064	20.8744	3.0484	1.00409
1.60	1.0440	1.5689	2.6128	20.3891	3.2546	1.00348
1.80	1.0677	1.5650	2.6326	19.8994	3.4643	1.00305
2.00	1.1056	1.5661	2.6717	19.4008	3.6795	1.00279
2.20	1.1660	1.5740	2.7400	18.8867	3.9026	1.00276
2.40	1.2615	1.5928	2.8543	18.3482	4.1368	1.00314

T= 12000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9697	17.8020	19.7717	56.3866	-3.0624	1.97102
-4.80	1.9538	17.5399	19.4937	55.2208	-2.8659	1.95548
-4.60	1.9308	17.1577	19.0884	53.9438	-2.6711	1.93279
-4.40	1.8983	16.6191	18.5174	52.5232	-2.4784	1.90078
-4.20	1.8548	15.8943	17.7491	50.9338	-2.2885	1.85768
-4.00	1.7996	14.9718	16.7714	49.1695	-2.1017	1.80280
-3.80	1.7335	13.8687	15.6022	47.2525	-1.9179	1.73714
-3.60	1.6596	12.6312	14.2908	45.2335	-1.7368	1.66346
-3.40	1.5816	11.3251	12.9067	43.1811	-1.5577	1.58568
-3.20	1.5038	10.0195	11.5233	41.1652	-1.3796	1.50791
-3.00	1.4296	8.7734	10.2030	39.2439	-1.2016	1.43366
-2.80	1.3615	7.6285	8.9899	37.4566	-1.0228	1.36543
-2.60	1.3008	6.6080	7.9088	35.8235	-0.8426	1.30461

T= 12000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.40	1.2481	5.7202	6.9683	34.3492	-0.6606	1.25167
-2.20	1.2031	4.9623	6.1654	33.0272	-0.4765	1.20648
-2.00	1.1653	4.3249	5.4902	31.8447	-0.2904	1.16846
-1.80	1.1340	3.7949	4.9289	30.7856	-0.1022	1.13684
-1.60	1.1082	3.3583	4.4665	29.8329	0.0878	1.11079
-1.40	1.0871	3.0012	4.0883	28.9705	0.2794	1.08947
-1.20	1.0700	2.7107	3.7807	28.1835	0.4726	1.07212
-1.00	1.0562	2.4754	3.5315	27.4587	0.6669	1.05807
-0.80	1.0450	2.2854	3.3304	26.7850	0.8623	1.04672
-0.60	1.0361	2.1324	3.1686	26.1529	1.0586	1.03757
-0.40	1.0291	2.0095	3.0386	25.5545	1.2556	1.03022
-0.20	1.0236	1.9109	2.9345	24.9833	1.4533	1.02432
0.0	1.0193	1.8319	2.8513	24.4340	1.6515	1.01960
0.20	1.0162	1.7688	2.7850	23.9022	1.8502	1.01581
0.40	1.0142	1.7184	2.7326	23.3843	2.0493	1.01278
0.60	1.0134	1.6782	2.6916	22.8774	2.2490	1.01036
0.80	1.0139	1.6464	2.6604	22.3788	2.4492	1.00844
1.00	1.0162	1.6215	2.6377	21.8865	2.6502	1.00691
1.20	1.0211	1.6023	2.6234	21.3983	2.8522	1.00570
1.40	1.0297	1.5881	2.6178	20.9120	3.0559	1.00477
1.60	1.0442	1.5785	2.6227	20.4251	3.2620	1.00406
1.80	1.0677	1.5735	2.6413	19.9344	3.4716	1.00356
2.00	1.1055	1.5741	2.6795	19.4351	3.6867	1.00327
2.20	1.1655	1.5819	2.7474	18.9211	3.9097	1.00325
2.40	1.2605	1.6016	2.8621	18.3839	4.1437	1.00373

T= 12200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9764	17.6711	19.6475	56.5488	-3.0538	1.97777
-4.80	1.9639	17.4672	19.4311	55.4374	-2.8565	1.96553
-4.60	1.9453	17.1656	19.1110	54.2355	-2.6606	1.94738
-4.40	1.9188	16.7315	18.6503	52.9113	-2.4666	1.92122
-4.20	1.8820	16.1305	18.0125	51.4347	-2.2750	1.88496
-4.00	1.8338	15.3389	17.1727	49.7871	-2.0863	1.83717
-3.80	1.7740	14.3560	16.1300	47.9731	-1.9007	1.77780
-3.60	1.7044	13.2105	14.9149	46.0264	-1.7181	1.70858
-3.40	1.6284	11.9572	13.5857	44.0057	-1.5379	1.63282
-3.20	1.5501	10.5642	12.2143	41.9808	-1.3593	1.55464
-3.00	1.4734	9.3966	10.8700	40.0172	-1.1813	1.47797
-2.80	1.4014	8.2060	9.6074	38.1650	-1.0031	1.40595
-2.60	1.3362	7.1260	8.4623	36.4550	-0.8238	1.34060
-2.40	1.2788	6.1733	7.4520	34.9005	-0.6429	1.28293
-2.20	1.2292	5.3509	6.5801	33.5010	-0.4600	1.23315
-2.00	1.1872	4.6532	5.8405	32.2472	-0.2751	1.19090
-1.80	1.1521	4.0692	5.2214	31.1248	-0.0881	1.15553
-1.60	1.1231	3.5855	4.7086	30.1174	0.1008	1.12622
-1.40	1.0993	3.1881	4.2874	29.2085	0.2915	1.10214
-1.20	1.0799	2.8637	3.9436	28.3825	0.4837	1.08247
-1.00	1.0642	2.6003	3.6644	27.6255	0.6774	1.06649
-0.80	1.0515	2.3871	3.4386	26.9253	0.8722	1.05356
-0.60	1.0414	2.2152	3.2565	26.2716	1.0680	1.04312
-0.40	1.0333	2.0768	3.1101	25.6556	1.2646	1.03472
-0.20	1.0269	1.9657	2.9926	25.0701	1.4619	1.02797
0.0	1.0220	1.8766	2.8986	24.5093	1.6598	1.02255

T= 12200						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
0.20	1.0184	1.8053	2.8236	23.9682	1.8583	1.01821
0.40	1.0159	1.7483	2.7642	23.4429	2.0572	1.01474
0.60	1.0148	1.7029	2.7176	22.9299	2.2567	1.01196
0.80	1.0150	1.6669	2.6819	22.4266	2.4568	1.00975
1.00	1.0171	1.6385	2.6555	21.9305	2.6577	1.00799
1.20	1.0217	1.6167	2.6384	21.4393	2.8597	1.00660
1.40	1.0302	1.6004	2.6306	20.9507	3.0633	1.00553
1.60	1.0445	1.5892	2.6337	20.4621	3.2693	1.00472
1.80	1.0678	1.5832	2.6510	19.9701	3.4789	1.00415
2.00	1.1054	1.5830	2.6884	19.4702	3.6939	1.00382
2.20	1.1651	1.5908	2.7559	18.9563	3.9167	1.00381
2.40	1.2594	1.6117	2.8711	18.4206	4.1505	1.00441

T= 12400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.9816	17.5190	19.5006	56.6828	-3.0456	1.98292
-4.80	1.9716	17.3596	19.3313	55.6131	-2.8478	1.97326
-4.60	1.9568	17.1220	19.0788	54.4707	-2.6510	1.95878
-4.40	1.9351	16.7743	18.7094	53.2266	-2.4559	1.93754
-4.20	1.9044	16.2815	18.1859	51.8493	-2.2628	1.90739
-4.00	1.8630	15.6127	17.4757	50.3127	-2.0724	1.86644
-3.80	1.8098	14.7529	16.5627	48.6068	-1.8850	1.81375
-3.60	1.7456	13.7131	15.4587	46.7480	-1.7006	1.75000
-3.40	1.6729	12.5335	14.2064	44.7810	-1.5191	1.67765
-3.20	1.5954	11.2752	12.8706	42.7702	-1.3397	1.60044
-3.00	1.5174	10.0057	11.5231	40.7840	-1.1615	1.52252
-2.80	1.4424	8.7843	10.2267	38.8814	-0.9835	1.44754
-2.60	1.3732	7.6547	9.0279	37.1038	-0.8049	1.37817
-2.40	1.3112	6.6425	7.9537	35.4739	-0.6249	1.31599
-2.20	1.2571	5.7581	7.0152	33.9984	-0.4432	1.26165
-2.00	1.2108	5.0004	6.2112	32.6728	-0.2595	1.21508
-1.80	1.1718	4.3614	5.5332	31.4854	-0.0737	1.17580
-1.60	1.1394	3.8288	4.9682	30.4210	0.1141	1.14305
-1.40	1.1126	3.3892	4.5019	29.4631	0.3038	1.11600
-1.20	1.0908	3.0290	4.1198	28.5957	0.4952	1.09384
-1.00	1.0730	2.7356	3.8086	27.8042	0.6880	1.07577
-0.80	1.0587	2.4976	3.5562	27.0755	0.8822	1.06112
-0.60	1.0471	2.3052	3.3524	26.3984	1.0774	1.04926
-0.40	1.0379	2.1502	3.1881	25.7633	1.2736	1.03971
-0.20	1.0306	2.0255	3.0562	25.1624	1.4705	1.03202
0.0	1.0250	1.9255	2.9505	24.5891	1.6681	1.02584
0.20	1.0208	1.8453	2.8660	24.0379	1.8663	1.02088
0.40	1.0179	1.7811	2.7990	23.5044	2.0651	1.01692
0.60	1.0163	1.7300	2.7463	22.9850	2.2644	1.01374
0.80	1.0162	1.6894	2.7056	22.4764	2.4644	1.01121
1.00	1.0180	1.6574	2.6754	21.9761	2.6652	1.00920
1.20	1.0224	1.6326	2.6551	21.4817	2.8671	1.00762
1.40	1.0307	1.6141	2.6448	20.9905	3.0706	1.00639
1.60	1.0448	1.6012	2.6460	20.5000	3.2765	1.00546
1.80	1.0680	1.5939	2.6619	20.0066	3.4860	1.00481
2.00	1.1052	1.5931	2.6983	19.5061	3.7009	1.00444
2.20	1.1646	1.6009	2.7655	18.9923	3.9236	1.00446
2.40	1.2582	1.6233	2.8815	18.4584	4.1572	1.00521

T= 12500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9837	17.4375	19.4213	56.7418	-3.0416	1.98503
-4.80	1.9748	17.2962	19.2710	55.6888	-2.8436	1.97643
-4.60	1.9615	17.0851	19.0466	54.5712	-2.6465	1.96349
-4.40	1.9419	16.7743	18.7163	53.3614	-2.4509	1.94439
-4.20	1.9140	16.3295	18.2435	52.0283	-2.2571	1.91699
-4.00	1.8758	15.7177	17.5935	50.5435	-2.0659	1.87926
-3.80	1.8259	14.9184	16.7443	48.8915	-1.8776	1.82994
-3.60	1.7647	13.9345	15.6992	47.0804	-1.6924	1.76919
-3.40	1.6940	12.7980	14.4920	45.1473	-1.5102	1.69897
-3.20	1.6175	11.5649	13.1824	43.1516	-1.3302	1.62277
-3.00	1.5393	10.3019	11.8412	41.1617	-1.1518	1.54469
-2.80	1.4632	9.0712	10.5344	39.2400	-0.9738	1.46858
-2.60	1.3921	7.9211	9.3132	37.4327	-0.7954	1.39744
-2.40	1.3280	6.8819	8.2099	35.7675	-0.6159	1.33313
-2.20	1.2717	5.9678	7.2395	34.2552	-0.4347	1.27655
-2.00	1.2232	5.1806	6.4038	32.8939	-0.2516	1.22781
-1.80	1.1822	4.5138	5.6961	31.6736	-0.0664	1.18652
-1.60	1.1480	3.9564	5.1044	30.5798	0.1209	1.15199
-1.40	1.1198	3.4951	4.6148	29.5966	0.3100	1.12340
-1.20	1.0966	3.1163	4.2129	28.7077	0.5010	1.09992
-1.00	1.0777	2.8072	3.8850	27.8981	0.6934	1.08075
-0.80	1.0625	2.5562	3.6187	27.1544	0.8872	1.06517
-0.60	1.0502	2.3531	3.4033	26.4650	1.0822	1.05257
-0.40	1.0404	2.1893	3.2297	25.8198	1.2781	1.04239
-0.20	1.0326	2.0575	3.0901	25.2108	1.4749	1.03420
0.0	1.0266	1.9516	2.9782	24.6308	1.6723	1.02762
0.20	1.0220	1.8667	2.8887	24.0742	1.8704	1.02233
0.40	1.0189	1.7987	2.8176	23.5364	2.0690	1.01810
0.60	1.0171	1.7445	2.7616	23.0135	2.2683	1.01471
0.80	1.0168	1.7015	2.7183	22.5021	2.4682	1.01201
1.00	1.0185	1.6676	2.6861	21.9997	2.6689	1.00986
1.20	1.0228	1.6412	2.6641	21.5034	2.8707	1.00817
1.40	1.0310	1.6215	2.6525	21.0109	3.0742	1.00685
1.60	1.0450	1.6077	2.6527	20.5193	3.2800	1.00586
1.80	1.0681	1.5998	2.6678	20.0253	3.4895	1.00517
2.00	1.1052	1.5986	2.7038	19.5244	3.7043	1.00478
2.20	1.1644	1.6064	2.7708	19.0107	3.9270	1.00481
2.40	1.2576	1.6296	2.8873	18.4778	4.1605	1.00566

T= 12600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9856	17.3536	19.3392	56.7965	-3.0377	1.98690
-4.80	1.9776	17.2279	19.2055	55.7580	-2.8395	1.97922
-4.60	1.9657	17.0401	19.0058	54.6621	-2.6421	1.96766
-4.40	1.9480	16.7624	18.7105	53.4831	-2.4460	1.95048
-4.20	1.9227	16.3614	18.2841	52.1905	-2.2517	1.92562
-4.00	1.8874	15.8033	17.6908	50.7547	-2.0598	1.89097
-3.80	1.8409	15.0630	16.9039	49.1555	-1.8706	1.84496
-3.60	1.7827	14.1359	15.9186	47.3936	-1.6846	1.78731
-3.40	1.7144	13.0457	14.7601	45.4980	-1.5015	1.71949
-3.20	1.6392	11.8425	13.4817	43.5224	-1.3210	1.64460
-3.00	1.5610	10.5910	12.1520	41.5341	-1.1422	1.56667
-2.80	1.4840	9.3553	10.8393	39.5975	-0.9642	1.48970
-2.60	1.4113	8.1879	9.5992	37.7637	-0.7860	1.41696

T= 12600						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.40	1.3451	7.1237	8.4589	36.0651	-0.6069	1.35063
-2.20	1.2866	6.1811	7.4677	34.5169	-0.4262	1.29187
-2.00	1.2360	5.3648	6.6008	33.1201	-0.2436	1.24096
-1.80	1.1930	4.6704	5.8634	31.8667	-0.0590	1.19764
-1.60	1.1570	4.0879	5.2449	30.7433	0.1277	1.16129
-1.40	1.1272	3.6044	4.7316	29.7342	0.3164	1.13111
-1.20	1.1027	3.2067	4.3093	28.8232	0.5068	1.10627
-1.00	1.0827	2.8815	3.9642	27.9950	0.6989	1.08595
-0.80	1.0665	2.6171	3.6836	27.2359	0.8923	1.06942
-0.60	1.0535	2.4029	3.4564	26.5337	1.0870	1.05603
-0.40	1.0430	2.2300	3.2730	25.8782	1.2827	1.04521
-0.20	1.0347	2.0907	3.1255	25.2606	1.4792	1.03650
0.0	1.0283	1.9788	3.0071	24.6737	1.6765	1.02948
0.20	1.0234	1.8890	2.9124	24.1115	1.8744	1.02385
0.40	1.0200	1.8171	2.8371	23.5692	2.0730	1.01934
0.60	1.0179	1.7598	2.7777	23.0427	2.2721	1.01573
0.80	1.0175	1.7142	2.7317	22.5284	2.4719	1.01284
1.00	1.0190	1.6782	2.6973	22.0236	2.6726	1.01055
1.20	1.0232	1.6503	2.6735	21.5256	2.8743	1.00875
1.40	1.0313	1.6293	2.6606	21.0316	3.0778	1.00735
1.60	1.0452	1.6145	2.6597	20.5390	3.2836	1.00629
1.80	1.0681	1.6059	2.6741	20.0443	3.4930	1.00555
2.00	1.1051	1.6044	2.7095	19.5430	3.7078	1.00515
2.20	1.1641	1.6122	2.7764	19.0294	3.9304	1.00519
2.40	1.2570	1.6364	2.8934	18.4976	4.1637	1.00614

T= 12800						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.9887	17.1809	19.1696	56.8956	-3.0302	1.99003
-4.80	1.9823	17.0800	19.0623	55.8803	-2.8316	1.98386
-4.60	1.9726	16.9307	18.9033	54.8202	-2.6338	1.97459
-4.40	1.9583	16.7087	18.6670	53.6930	-2.4369	1.96071
-4.20	1.9374	16.3839	18.3213	52.4709	-2.2416	1.94032
-4.00	1.9077	15.9223	17.8300	51.1236	-2.0483	1.91128
-3.80	1.8675	15.2931	17.1606	49.6247	-1.8575	1.87164
-3.60	1.8155	14.4795	16.2951	47.9626	-1.6698	1.82035
-3.40	1.7525	13.4892	15.2416	46.1504	-1.4851	1.75787
-3.20	1.6806	12.3580	14.0386	44.2285	-1.3033	1.68646
-3.00	1.6036	11.1435	12.7471	42.2578	-1.1237	1.60977
-2.80	1.5256	9.9109	11.4365	40.3048	-0.9454	1.53190
-2.60	1.4503	9.7192	10.1694	38.4280	-0.7673	1.45657
-2.40	1.3804	7.6122	8.9925	36.6696	-0.5888	1.38659
-2.20	1.3176	6.6167	7.9344	35.0532	-0.4090	1.32363
-2.00	1.2628	5.7444	7.0071	33.5871	-0.2275	1.26844
-1.80	1.2157	4.9953	6.2109	32.2676	-0.0440	1.22103
-1.60	1.1760	4.3621	5.5381	31.0841	0.1416	1.18094
-1.40	1.1429	3.8336	4.9764	30.0219	0.3292	1.14747
-1.20	1.1156	3.3967	4.5122	29.0652	0.5187	1.11979
-1.00	1.0932	3.0382	4.1314	28.1983	0.7099	1.09706
-0.80	1.0751	2.7458	3.8208	27.4068	0.9026	1.07852
-0.60	1.0604	2.5084	3.5688	26.6778	1.0967	1.06346
-0.40	1.0486	2.3164	3.3650	26.0003	1.2918	1.05127
-0.20	1.0392	2.1615	3.2007	25.3647	1.4879	1.04143
0.0	1.0319	2.0368	3.0687	24.7633	1.6848	1.03350

T= 12800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0263	1.9367	2.9630	24.1893	1.8825	1.02713
0.40	1.0223	1.8565	2.8787	23.6374	2.0808	1.02202
0.60	1.0198	1.7924	2.8122	23.1032	2.2797	1.01793
0.80	1.0190	1.7414	2.7603	22.5828	2.4794	1.01466
1.00	1.0202	1.7011	2.7213	22.0731	2.6799	1.01206
1.20	1.0241	1.6697	2.6939	21.5712	2.8816	1.01001
1.40	1.0320	1.6460	2.6780	21.0742	3.0849	1.00842
1.60	1.0456	1.5293	2.6749	20.5793	3.2906	1.00722
1.80	1.0683	1.6193	2.6876	20.0830	3.4999	1.00639
2.00	1.1051	1.6170	2.7220	19.5809	3.7146	1.00595
2.20	1.1636	1.6250	2.7886	19.0676	3.9370	1.00603
2.40	1.2556	1.6514	2.9070	18.5384	4.1701	1.00723

T= 13000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9913	17.0054	18.9967	56.9852	-3.0229	1.99257
-4.80	1.9860	16.9223	18.9082	55.9862	-2.8241	1.98752
-4.60	1.9781	16.8020	18.7801	54.9531	-2.6258	1.98003
-4.40	1.9664	16.6239	18.5903	53.8666	-2.4284	1.96878
-4.20	1.9491	16.3611	18.3103	52.7020	-2.2322	1.95210
-4.00	1.9244	15.9816	17.9060	51.4302	-2.0378	1.92792
-3.80	1.8899	15.4523	17.3422	50.0223	-1.8456	1.89414
-3.60	1.8442	14.7478	16.5920	48.4576	-1.6563	1.84913
-3.40	1.7869	13.8621	15.6489	46.7354	-1.4700	1.79248
-3.20	1.7193	12.8157	14.5353	44.8814	-1.2867	1.72552
-3.00	1.6446	11.6554	13.3000	42.9464	-1.1060	1.65123
-2.80	1.5667	10.4432	12.0099	40.9948	-0.9271	1.57357
-2.60	1.4896	9.2417	10.7313	39.0898	-0.7490	1.49656
-2.40	1.4166	8.1026	9.5192	37.2818	-0.5708	1.42353
-2.20	1.3500	7.0613	8.4113	35.6038	-0.3917	1.35674
-2.00	1.2909	6.1367	7.4276	34.0714	-0.2112	1.29741
-1.80	1.2398	5.3344	6.5741	32.6867	-0.0287	1.24591
-1.60	1.1963	4.6506	5.8469	31.4424	0.1558	1.20200
-1.40	1.1598	4.0762	5.2360	30.3258	0.3423	1.16510
-1.20	1.1295	3.5988	4.7283	29.3215	0.5308	1.13442
-1.00	1.1046	3.2056	4.3102	28.4141	0.7212	1.10913
-0.80	1.0844	2.8838	3.9682	27.5884	0.9131	1.08843
-0.60	1.0679	2.6218	3.6898	26.8310	1.1065	1.07157
-0.40	1.0547	2.4095	3.4642	26.1301	1.3011	1.05790
-0.20	1.0442	2.2379	3.2821	25.4753	1.4967	1.04684
0.0	1.0359	2.0996	3.1355	24.8581	1.6932	1.03792
0.20	1.0295	1.9884	3.0179	24.2715	1.8906	1.03074
0.40	1.0248	1.8992	2.9241	23.7093	2.0886	1.02498
0.60	1.0218	1.8279	2.8497	23.1668	2.2873	1.02036
0.80	1.0206	1.7711	2.7917	22.6398	2.4868	1.01667
1.00	1.0215	1.7261	2.7476	22.1247	2.6872	1.01373
1.20	1.0251	1.6911	2.7162	21.6186	2.8887	1.01141
1.40	1.0327	1.6645	2.6972	21.1184	3.0919	1.00962
1.60	1.0461	1.6456	2.6917	20.6210	3.2975	1.00827
1.80	1.0686	1.6341	2.7027	20.1230	3.5067	1.00733
2.00	1.1050	1.6310	2.7360	19.6201	3.7213	1.00685
2.20	1.1631	1.6393	2.8024	19.1072	3.9436	1.00699
2.40	1.2541	1.6684	2.9226	18.5812	4.1763	1.00850

T= 13200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9935	16.8308	18.8243	57.0689	-3.0158	1.99472
-4.80	1.9889	16.7596	18.7486	56.0807	-2.8168	1.99048
-4.60	1.9824	16.6608	18.6432	55.0673	-2.6182	1.98434
-4.40	1.9728	16.5166	18.4894	54.0123	-2.4203	1.97519
-4.20	1.9586	16.3036	18.2622	52.8938	-2.2235	1.96153
-4.00	1.9379	15.9925	17.9304	51.6853	-2.0281	1.94148
-3.80	1.9086	15.5504	17.4591	50.3571	-1.8347	1.91292
-3.60	1.8688	14.9473	16.8161	48.8838	-1.6439	1.87387
-3.40	1.8174	14.1658	15.9833	47.2531	-1.4560	1.82323
-3.20	1.7549	13.2124	14.9673	45.4768	-1.2712	1.76139
-3.00	1.6834	12.1205	13.8039	43.5930	-1.0892	1.69052
-2.80	1.6067	10.9450	12.5517	41.6599	-0.9095	1.61418
-2.60	1.5288	9.7489	11.2777	39.7419	-0.7311	1.53647
-2.40	1.4534	8.5898	10.0432	37.8963	-0.5530	1.46112
-2.20	1.3834	7.5109	8.8943	36.1646	-0.3745	1.39095
-2.00	1.3204	6.5390	7.8594	34.5705	-0.1947	1.32772
-1.80	1.2652	5.6860	6.9512	33.1224	-0.0133	1.27219
-1.60	1.2179	4.9524	6.1703	31.8175	0.1702	1.22443
-1.40	1.1779	4.3317	5.5096	30.6454	0.3557	1.18399
-1.20	1.1445	3.8130	4.9575	29.5922	0.5432	1.15018
-1.00	1.1170	3.3837	4.5007	28.6425	0.7326	1.12219
-0.80	1.0944	3.0312	4.1256	27.7809	0.9238	1.09919
-0.60	1.0761	2.7434	3.8195	26.9935	1.1164	1.08040
-0.40	1.0613	2.5096	3.5709	26.2676	1.3104	1.06513
-0.20	1.0495	2.3202	3.3698	25.5924	1.5056	1.05275
0.0	1.0402	2.1674	3.2076	24.9585	1.7017	1.04276
0.20	1.0329	2.0444	3.0774	24.3582	1.8986	1.03470
0.40	1.0276	1.9456	2.9732	23.7850	2.0964	1.02823
0.60	1.0240	1.8665	2.8906	23.2336	2.2949	1.02303
0.80	1.0224	1.8034	2.8258	22.6994	2.4942	1.01888
1.00	1.0229	1.7535	2.7764	22.1786	2.6944	1.01557
1.20	1.0262	1.7145	2.7407	21.6680	2.8958	1.01297
1.40	1.0335	1.6849	2.7183	21.1642	3.0989	1.01094
1.60	1.0467	1.6636	2.7102	20.6643	3.3044	1.00943
1.80	1.0688	1.6505	2.7193	20.1645	3.5135	1.00839
2.00	1.1049	1.6466	2.7515	19.6607	3.7279	1.00786
2.20	1.1626	1.6552	2.8178	19.1483	3.9500	1.00807
2.40	1.2524	1.6879	2.9403	18.6263	4.1823	1.01000

T= 13400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9955	16.6605	18.6559	57.1504	-3.0089	1.99667
-4.80	1.9914	16.5958	18.5873	56.1677	-2.8097	1.99296
-4.60	1.9859	16.5121	18.4981	55.1681	-2.6109	1.98782
-4.40	1.9780	16.3937	18.3716	54.1368	-2.4127	1.98030
-4.20	1.9662	16.2200	18.1862	53.0548	-2.2153	1.96908
-4.00	1.9489	15.9651	17.9140	51.8981	-2.0191	1.95248
-3.80	1.9242	15.5976	17.5217	50.6385	-1.8247	1.92846
-3.60	1.8898	15.0855	16.9753	49.2479	-1.6325	1.89490
-3.40	1.8442	14.4042	16.2484	47.7063	-1.4431	1.85018
-3.20	1.7871	13.5472	15.3342	46.0128	-1.2568	1.79386
-3.00	1.7197	12.5342	14.2539	44.1921	-1.0734	1.72723
-2.80	1.6452	11.4100	13.0552	42.2929	-0.8927	1.65324
-2.60	1.5675	10.2343	11.8018	40.3776	-0.7137	1.57582

T= 13400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.40	1.4905	9.0679	10.5584	38.5072	-0.5356	1.49896
-2.20	1.4176	7.9610	9.3786	36.7310	-0.3574	1.42599
-2.00	1.3510	6.9482	8.2991	35.0810	-0.1783	1.35918
-1.80	1.2919	6.0479	7.3398	33.5726	0.0023	1.29978
-1.60	1.2407	5.2661	6.5068	32.2080	0.1848	1.24817
-1.40	1.1971	4.5993	5.7965	30.9802	0.3692	1.20413
-1.20	1.1606	4.0386	5.1992	29.8769	0.5558	1.16707
-1.00	1.1302	3.5724	4.7026	28.8834	0.7443	1.13624
-0.80	1.1053	3.1879	4.2932	27.9844	0.9346	1.11081
-0.60	1.0850	2.8731	3.9581	27.1654	1.1265	1.08997
-0.40	1.0685	2.6167	3.6852	26.4133	1.3199	1.07299
-0.20	1.0553	2.4086	3.4640	25.7163	1.5145	1.05920
0.0	1.0449	2.2404	3.2853	25.0646	1.7102	1.04804
0.20	1.0367	2.1048	3.1415	24.4498	1.9068	1.03904
0.40	1.0306	1.9958	3.0264	23.8648	2.1042	1.03179
0.60	1.0265	1.9084	2.9348	23.3038	2.3025	1.02597
0.80	1.0243	1.8386	2.8629	22.7619	2.5015	1.02131
1.00	1.0244	1.7833	2.8077	22.2350	2.7016	1.01761
1.20	1.0273	1.7401	2.7674	21.7195	2.9028	1.01468
1.40	1.0343	1.7071	2.7415	21.2120	3.1058	1.01241
1.60	1.0473	1.6833	2.7306	20.7092	3.3112	1.01072
1.80	1.0692	1.6685	2.7377	20.2075	3.5201	1.00955
2.00	1.1049	1.6638	2.7687	19.7028	3.7344	1.00900
2.20	1.1620	1.6730	2.8350	19.1911	3.9563	1.00931
2.40	1.2505	1.7100	2.9605	18.6740	4.1882	1.01175

T= 13500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	1.9964	16.5778	18.5742	57.1913	-3.0054	1.99762
-4.80	1.9926	16.5146	18.5072	56.2095	-2.8063	1.99408
-4.60	1.9875	16.4363	18.4238	55.2148	-2.6074	1.98933
-4.40	1.9801	16.3281	18.3082	54.1929	-2.4090	1.98247
-4.20	1.9694	16.1707	18.1402	53.1259	-2.2113	1.97228
-4.00	1.9536	15.9397	17.8934	51.9914	-2.0148	1.95718
-3.80	1.9309	15.6050	17.5359	50.7619	-1.8199	1.93517
-3.60	1.8990	15.1343	17.0333	49.4090	-1.6271	1.90414
-3.40	1.8562	14.5005	16.3567	47.9101	-1.4370	1.86227
-3.20	1.8019	13.6917	15.4936	46.2586	-1.2499	1.80879
-3.00	1.7369	12.7210	14.4578	44.4727	-1.0659	1.74452
-2.80	1.6638	11.6271	13.2909	42.5957	-0.8846	1.67205
-2.60	1.5865	10.4670	12.0535	40.6872	-0.7052	1.59515
-2.40	1.5090	9.3019	10.8109	38.8095	-0.5270	1.51786
-2.20	1.4349	8.1849	9.6198	37.0149	-0.3489	1.44373
-2.00	1.3666	7.1542	8.5209	35.3395	-0.1700	1.37529
-1.80	1.3057	6.2321	7.5378	33.8024	0.0102	1.31402
-1.60	1.2526	5.4270	6.6795	32.4086	0.1921	1.26051
-1.40	1.2072	4.7374	5.9446	31.1529	0.3761	1.21465
-1.20	1.1690	4.1556	5.3246	30.0243	0.5621	1.17594
-1.00	1.1372	3.6706	4.8078	29.0085	0.7502	1.14365
-0.80	1.1110	3.2598	4.3808	28.0903	0.9401	1.11695
-0.60	1.0897	2.9410	4.0307	27.2550	1.1316	1.09504
-0.40	1.0723	2.6729	3.7452	26.4892	1.3247	1.07716
-0.20	1.0584	2.4551	3.5135	25.7809	1.5190	1.06262
0.0	1.0474	2.2789	3.3262	25.1199	1.7144	1.05085

T= 13500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0387	2.1367	3.1754	24.4974	1.9108	1.04135
0.40	1.0322	2.0223	3.0545	23.9063	2.1081	1.03369
0.60	1.0278	1.9305	2.9583	23.3403	2.3062	1.02754
0.80	1.0253	1.8573	2.8826	22.7944	2.5052	1.02262
1.00	1.0252	1.7992	2.8244	22.2642	2.7051	1.01870
1.20	1.0280	1.7537	2.7817	21.7461	2.9063	1.01560
1.40	1.0348	1.7190	2.7538	21.2366	3.1092	1.01321
1.60	1.0476	1.6939	2.7415	20.7323	3.3145	1.01141
1.80	1.0693	1.6782	2.7476	20.2297	3.5234	1.01020
2.00	1.1049	1.6731	2.7780	19.7245	3.7376	1.00962
2.20	1.1616	1.6827	2.8443	19.2132	3.9594	1.00999
2.40	1.2494	1.7223	2.9717	18.6990	4.1910	1.01274

T= 13600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9974	16.4973	18.4947	57.2328	-3.0020	1.99859
-4.80	1.9937	16.4343	18.4279	56.2508	-2.8028	1.99514
-4.60	1.9889	16.3602	18.3490	55.2596	-2.6039	1.99071
-4.40	1.9821	16.2606	18.2427	54.2456	-2.4053	1.98443
-4.20	1.9723	16.1175	18.0898	53.1919	-2.2075	1.97516
-4.00	1.9579	15.9079	17.8658	52.0771	-2.0107	1.96140
-3.80	1.9370	15.6031	17.5401	50.8752	-1.8153	1.94126
-3.60	1.9074	15.1710	17.0785	49.5576	-1.6220	1.91261
-3.40	1.8674	14.5826	16.4500	48.0995	-1.4312	1.87350
-3.20	1.8158	13.8215	15.6374	46.4900	-1.2434	1.82285
-3.00	1.7532	12.8942	14.6474	44.7405	-1.0586	1.76106
-2.80	1.6818	11.8333	13.5151	42.8885	-0.8767	1.69032
-2.60	1.6052	10.6922	12.2973	40.9904	-0.6969	1.61417
-2.40	1.5274	9.5317	11.0591	39.1087	-0.5185	1.53668
-2.20	1.4523	8.4073	9.8595	37.2985	-0.3404	1.46155
-2.00	1.3824	7.3508	8.7432	35.5996	-0.1618	1.39160
-1.80	1.3197	6.4179	7.7376	34.0349	0.0180	1.32854
-1.60	1.2647	5.5902	6.8549	32.6124	0.1995	1.27315
-1.40	1.2175	4.8781	6.0956	31.3291	0.3830	1.22547
-1.20	1.1770	4.2753	5.4530	30.1751	0.5686	1.18509
-1.00	1.1444	3.7713	4.9157	29.1367	0.7561	1.15131
-0.80	1.1170	3.3539	4.4709	28.1989	0.9456	1.12332
-0.60	1.0945	3.0110	4.1055	27.3469	1.1368	1.10031
-0.40	1.0763	2.7309	3.8072	26.5671	1.3295	1.08150
-0.20	1.0616	2.5031	3.5648	25.8472	1.5235	1.06619
0.0	1.0500	2.3187	3.3686	25.1766	1.7187	1.05378
0.20	1.0408	2.1697	3.2105	24.5464	1.9149	1.04376
0.40	1.0339	2.0498	3.0837	23.9488	2.1120	1.03568
0.60	1.0291	1.9536	2.9827	23.3776	2.3100	1.02918
0.80	1.0264	1.8767	2.9031	22.8276	2.5088	1.02398
1.00	1.0260	1.8157	2.8417	22.2941	2.7087	1.01984
1.20	1.0286	1.7679	2.7966	21.7733	2.9098	1.01657
1.40	1.0353	1.7314	2.7667	21.2618	3.1126	1.01404
1.60	1.0479	1.7050	2.7529	20.7560	3.3179	1.01215
1.80	1.0695	1.6884	2.7579	20.2522	3.5267	1.01087
2.00	1.1049	1.6829	2.7878	19.7467	3.7408	1.01027
2.20	1.1613	1.6929	2.8542	19.2359	3.9625	1.01071
2.40	1.2482	1.7354	2.9836	18.7249	4.1938	1.01381

T= 13800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.9995	16.3444	18.3438	57.3196	-2.9952	2.00063
-4.80	1.9957	16.2779	18.2737	56.3332	-2.7960	1.99720
-4.60	1.9914	16.2083	18.1997	55.3455	-2.5970	1.99320
-4.40	1.9856	16.1217	18.1073	54.3431	-2.3982	1.98783
-4.20	1.9773	16.0019	17.9792	53.3107	-2.2001	1.98009
-4.00	1.9652	15.8285	17.7936	52.2293	-2.0027	1.96864
-3.80	1.9475	15.5754	17.5229	51.0751	-1.8066	1.95176
-3.60	1.9222	15.2122	17.1344	49.8205	-1.6123	1.92741
-3.40	1.8873	14.7077	16.5951	48.4385	-1.4203	1.89349
-3.20	1.8412	14.0387	15.8800	46.9106	-1.2310	1.84841
-3.00	1.7837	13.2000	14.9836	45.2368	-1.0448	1.79182
-2.80	1.7161	12.2115	13.9275	43.4421	-0.8616	1.72505
-2.60	1.6415	11.1174	12.7589	41.5748	-0.6809	1.65109
-2.40	1.5638	9.9757	11.5396	39.6952	-0.5019	1.57386
-2.20	1.4871	8.8450	10.3321	37.8620	-0.3238	1.49731
-2.00	1.4146	7.7732	9.1878	36.1224	-0.1455	1.42471
-1.80	1.3484	6.7933	8.1417	34.5066	0.0337	1.35830
-1.60	1.2898	5.9228	7.2126	33.0290	0.2144	1.29927
-1.40	1.2390	5.1669	6.4059	31.6912	0.3969	1.24798
-1.20	1.1958	4.5222	5.7180	30.4862	0.5815	1.20421
-1.00	1.1595	3.9801	5.1396	29.4020	0.7682	1.16738
-0.80	1.1295	3.5290	4.6585	28.4242	0.9567	1.13672
-0.60	1.1048	3.1570	4.2618	27.5379	1.1471	1.11142
-0.40	1.0847	2.8523	3.9369	26.7292	1.3392	1.09067
-0.20	1.0684	2.6039	3.6723	25.9852	1.5326	1.07375
0.0	1.0554	2.4023	3.4577	25.2947	1.7273	1.06001
0.20	1.0452	2.2393	3.2845	24.6481	1.9231	1.04888
0.40	1.0375	2.1079	3.1453	24.0372	2.1199	1.03990
0.60	1.0320	2.0023	3.0342	23.4552	2.3175	1.03268
0.80	1.0287	1.9178	2.9465	22.8964	2.5161	1.02689
1.00	1.0278	1.8508	2.8786	22.3559	2.7158	1.02228
1.20	1.0300	1.7982	2.8282	21.8296	2.9167	1.01864
1.40	1.0363	1.7579	2.7943	21.3137	3.1194	1.01582
1.60	1.0486	1.7287	2.7773	20.8047	3.3245	1.01372
1.80	1.0699	1.7102	2.7801	20.2988	3.5332	1.01232
2.00	1.1048	1.7039	2.8087	19.7924	3.7472	1.01169
2.20	1.1606	1.7149	2.8755	19.2828	3.9686	1.01230
2.40	1.2455	1.7645	3.0100	18.7795	4.1992	1.01627

T= 14000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0018	16.2050	18.2069	57.4144	-2.9884	2.00297
-4.80	1.9979	16.1296	18.1275	56.4181	-2.7893	1.99929
-4.60	1.9937	16.0595	18.0532	55.4288	-2.5902	1.99546
-4.40	1.9885	15.9807	17.9691	54.4330	-2.3914	1.99072
-4.20	1.9814	15.8778	17.8592	53.4160	-2.1929	1.98415
-4.00	1.9711	15.7326	17.7037	52.3606	-1.9952	1.97455
-3.80	1.9561	15.5218	17.4779	51.2452	-1.7985	1.96039
-3.60	1.9346	15.2168	17.1514	50.0441	-1.6033	1.93974
-3.40	1.9043	14.7866	16.6909	48.7296	-1.4101	1.91049
-3.20	1.8634	14.2035	16.0669	47.2786	-1.2196	1.87073
-3.00	1.8111	13.4529	15.2640	45.6815	-1.0319	1.81946
-2.80	1.7478	12.5426	14.2904	43.9514	-0.8474	1.75721
-2.60	1.6761	11.5060	13.1821	42.1262	-0.6656	1.68624

T= 14000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.40	1.5994	10.3954	11.9948	40.2614	-0.4859	1.61013
-2.20	1.5219	9.2696	10.7915	38.4170	-0.3075	1.53293
-2.00	1.4472	8.1817	9.6289	36.6457	-0.1293	1.45828
-1.80	1.3780	7.1711	8.5491	34.9849	0.0494	1.38888
-1.60	1.3158	6.2619	7.5777	33.4557	0.2293	1.32641
-1.40	1.2615	5.4643	6.7258	32.0650	0.4110	1.27157
-1.20	1.2149	4.7786	5.9935	30.8094	0.5947	1.22440
-1.00	1.1755	4.1982	5.3737	29.6790	0.7804	1.18445
-0.80	1.1427	3.7130	4.8557	28.6602	0.9681	1.15102
-0.60	1.1157	3.3111	4.4268	27.7385	1.1577	1.12332
-0.40	1.0936	2.9808	4.0744	26.8997	1.3490	1.10053
-0.20	1.0757	2.7109	3.7866	26.1305	1.5418	1.08190
0.0	1.0613	2.4914	3.5528	25.4190	1.7360	1.06673
0.20	1.0500	2.3136	3.3636	24.7552	1.9313	1.05443
0.40	1.0413	2.1700	3.2114	24.1302	2.1277	1.04449
0.60	1.0350	2.0546	3.0896	23.5367	2.3251	1.03649
0.80	1.0311	1.9621	2.9933	22.9686	2.5234	1.03007
1.00	1.0298	1.8886	2.9184	22.4207	2.7229	1.02495
1.20	1.0315	1.8309	2.8625	21.8884	2.9236	1.02091
1.40	1.0375	1.7867	2.8242	21.3680	3.1261	1.01778
1.60	1.0494	1.7545	2.8039	20.8556	3.3311	1.01546
1.80	1.0703	1.7341	2.8044	20.3475	3.5396	1.01392
2.00	1.1048	1.7270	2.8318	19.8402	3.7534	1.01328
2.20	1.1598	1.7394	2.8992	19.3321	3.9745	1.01409
2.40	1.2423	1.7980	3.0403	18.8387	4.2044	1.01921

T= 14200						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.0047	16.0831	18.0878	57.5215	-2.9817	2.00581
-4.80	2.0002	15.9924	17.9926	56.5087	-2.7826	2.00158
-4.60	1.9959	15.9167	17.9126	55.5128	-2.5836	1.99766
-4.40	1.9911	15.8405	17.8316	54.5186	-2.3846	1.99328
-4.20	1.9848	15.7491	17.7340	53.5116	-2.1860	1.98755
-4.00	1.9760	15.6254	17.6014	52.4758	-1.9879	1.97942
-3.80	1.9633	15.4484	17.4117	51.3915	-1.7907	1.96748
-3.60	1.9448	15.1921	17.1369	50.2351	-1.5948	1.94998
-3.40	1.9186	14.8264	16.7450	48.9794	-1.4007	1.92486
-3.20	1.8827	14.3214	16.2040	47.5988	-1.2089	1.89004
-3.00	1.8355	13.6557	15.4912	46.0766	-1.0200	1.84403
-2.80	1.7769	12.8264	14.6034	44.4152	-0.8341	1.78662
-2.60	1.7086	11.8553	13.5639	42.6412	-0.6511	1.71930
-2.40	1.6337	10.7866	12.4203	40.8028	-0.4705	1.64515
-2.20	1.5562	9.6771	11.2333	38.9588	-0.2917	1.56809
-2.00	1.4799	8.5826	10.0625	37.1654	-0.1135	1.49202
-1.80	1.4081	7.5485	8.9566	35.4666	0.0649	1.42009
-1.60	1.3427	6.6053	7.9480	33.8904	0.2443	1.35444
-1.40	1.2849	5.7688	7.0538	32.4492	0.4252	1.29618
-1.20	1.2349	5.0434	6.2783	31.1439	0.6079	1.24561
-1.00	1.1924	4.4251	5.6176	29.9670	0.7927	1.20249
-0.80	1.1568	3.9053	5.0622	28.9066	0.9796	1.16621
-0.60	1.1274	3.4730	4.6004	27.9485	1.1683	1.13601
-0.40	1.1032	3.1164	4.2196	27.0785	1.3589	1.11109
-0.20	1.0835	2.8242	3.9078	26.2830	1.5511	1.09064
0.0	1.0677	2.5861	3.6538	25.5497	1.7447	1.07397

T= 14200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0552	2.3928	3.4479	24.8677	1.9396	1.06042
0.40	1.0455	2.2365	3.2819	24.2278	2.1356	1.04945
0.60	1.0384	2.1106	3.1490	23.5222	2.3326	1.04061
0.80	1.0338	2.0097	3.0435	23.0443	2.5307	1.03351
1.00	1.0319	1.9294	2.9613	22.4885	2.7299	1.02785
1.20	1.0332	1.8663	2.8995	21.9500	2.9305	1.02338
1.40	1.0387	1.8178	2.8566	21.4247	3.1328	1.01992
1.60	1.0503	1.7825	2.8328	20.9087	3.3376	1.01737
1.80	1.0708	1.7601	2.8309	20.3983	3.5460	1.01569
2.00	1.1048	1.7524	2.8571	19.8902	3.7596	1.01505
2.20	1.1589	1.7665	2.9254	19.3841	3.9803	1.01613
2.40	1.2383	1.8370	3.0753	18.9034	4.2091	1.02277

T= 14400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0082	15.9830	17.9913	57.6456	-2.9748	2.00937
-4.80	2.0028	15.8697	17.8725	56.6087	-2.7760	2.00424
-4.60	1.9982	15.7825	17.7807	55.6003	-2.5770	1.99996
-4.40	1.9935	15.7042	17.6977	54.6028	-2.3780	1.99567
-4.20	1.9878	15.6191	17.6069	53.6009	-2.1793	1.99051
-4.00	1.9801	15.5109	17.4911	52.5790	-1.9809	1.98349
-3.80	1.9692	15.3605	17.3298	51.5191	-1.7833	1.97335
-3.60	1.9534	15.1442	17.0976	50.3993	-1.5868	1.95850
-3.40	1.9308	14.8335	16.7643	49.1941	-1.3919	1.93696
-3.20	1.8992	14.3983	16.2974	47.8765	-1.1991	1.90662
-3.00	1.8569	13.8124	15.6694	46.4254	-1.0088	1.86567
-2.80	1.8032	13.0641	14.8673	44.8339	-0.8216	1.81325
-2.60	1.7389	12.1637	13.9027	43.1176	-0.6374	1.75008
-2.40	1.6665	11.1462	12.8127	41.3158	-0.4558	1.67860
-2.20	1.5897	10.0634	11.6531	39.4832	-0.2763	1.60245
-2.00	1.5126	8.9722	10.4848	37.6777	-0.0979	1.52565
-1.80	1.4386	7.9224	9.3610	35.9487	0.0803	1.45170
-1.60	1.3703	6.9508	8.3211	34.3306	0.2592	1.38320
-1.40	1.3092	6.0788	7.3881	32.8420	0.4394	1.32169
-1.20	1.2559	5.3155	6.5714	31.4884	0.6213	1.26779
-1.00	1.2102	4.6601	5.8703	30.2655	0.8052	1.22148
-0.80	1.1717	4.1058	5.2775	29.1630	0.9912	1.18229
-0.60	1.1397	3.6426	4.7823	28.1678	1.1792	1.14951
-0.40	1.1133	3.2591	4.3724	27.2658	1.3690	1.12235
-0.20	1.0918	2.9439	4.0357	26.4430	1.5605	1.10001
0.0	1.0745	2.6863	3.7608	25.6868	1.7536	1.08173
0.20	1.0606	2.4768	3.5375	24.9858	1.9479	1.06686
0.40	1.0499	2.3072	3.3571	24.3304	2.1435	1.05480
0.60	1.0419	2.1704	3.2124	23.7120	2.3402	1.04507
0.80	1.0366	2.0607	3.0973	23.1237	2.5380	1.03724
1.00	1.0341	1.9732	3.0073	22.5596	2.7369	1.03100
1.20	1.0349	1.9044	2.9393	22.0145	2.9373	1.02607
1.40	1.0400	1.8515	2.8916	21.4841	3.1394	1.02226
1.60	1.0512	1.8130	2.8642	20.9643	3.3440	1.01946
1.80	1.0713	1.7885	2.8597	20.4515	3.5523	1.01764
2.00	1.1047	1.7801	2.8848	19.9427	3.7656	1.01701
2.20	1.1579	1.7965	2.9544	19.4390	3.9860	1.01843
2.40	1.2332	1.8829	3.1161	18.9753	4.2134	1.02718

T= 14500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.0104	15.9428	17.9532	57.7158	-2.9714	2.01150
-4.80	2.0044	15.8149	17.8193	56.6635	-2.7727	2.00577
-4.60	1.9995	15.7196	17.7191	55.6464	-2.5737	2.00119
-4.40	1.9947	15.6382	17.6329	54.6453	-2.3748	1.99684
-4.20	1.9892	15.5544	17.5436	53.6441	-2.1760	1.99187
-4.00	1.9820	15.4520	17.4340	52.6273	-1.9775	1.98529
-3.80	1.9718	15.3125	17.2843	51.5773	-1.7798	1.97591
-3.60	1.9571	15.1133	17.0704	50.4731	-1.5830	1.96220
-3.40	1.9361	14.8268	16.7629	49.2900	-1.3877	1.94227
-3.20	1.9065	14.4232	16.3297	48.0012	-1.1944	1.91399
-3.00	1.8667	13.8748	15.7415	46.5836	-1.0036	1.87545
-2.80	1.8154	13.1662	14.9816	45.0268	-0.8157	1.82552
-2.60	1.7532	12.3025	14.0557	43.3410	-0.6308	1.76456
-2.40	1.6823	11.3134	12.9956	41.5606	-0.4487	1.69465
-2.20	1.6061	10.2476	11.8537	39.7377	-0.2689	1.61925
-2.00	1.5288	9.1616	10.6904	37.9299	-0.0903	1.54233
-1.80	1.4539	8.1071	9.5611	36.1889	0.0879	1.46759
-1.60	1.3843	7.1235	8.5078	34.5520	0.2666	1.39780
-1.40	1.3217	6.2353	7.5570	33.0411	0.4465	1.33475
-1.20	1.2667	5.4539	6.7206	31.6641	0.6280	1.27922
-1.00	1.2194	4.7803	5.9997	30.4183	0.8115	1.23132
-0.80	1.1795	4.2088	5.3883	29.2948	0.9971	1.19066
-0.60	1.1462	3.7301	4.8763	28.2809	1.1846	1.15656
-0.40	1.1187	3.3330	4.4516	27.3624	1.3741	1.12825
-0.20	1.0962	3.0060	4.1022	26.5257	1.5653	1.10492
0.0	1.0780	2.7385	3.8165	25.7578	1.7580	1.08582
0.20	1.0635	2.5208	3.5843	25.0470	1.9521	1.07025
0.40	1.0522	2.3442	3.3965	24.3835	2.1475	1.05763
0.60	1.0438	2.2018	3.2456	23.7585	2.3440	1.04742
0.80	1.0381	2.0874	3.1256	23.1649	2.5416	1.03922
1.00	1.0353	1.9963	3.0316	22.5964	2.7404	1.03267
1.20	1.0359	1.9245	2.9604	22.0479	2.9407	1.02750
1.40	1.0407	1.8694	2.9101	21.5148	3.1427	1.02351
1.60	1.0517	1.8291	2.8808	20.9930	3.3472	1.02057
1.80	1.0715	1.8035	2.8751	20.4790	3.5554	1.01868
2.00	1.1047	1.7949	2.8996	19.9699	3.7686	1.01807
2.20	1.1574	1.8127	2.9700	19.4676	3.9888	1.01969
2.40	1.2301	1.9091	3.1392	19.0146	4.2153	1.02979

T= 14600						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.0128	15.9100	17.9228	57.7924	-2.9678	2.01392
-4.80	2.0061	15.7651	17.7712	56.7223	-2.7693	2.00747
-4.60	2.0008	15.6600	17.6608	55.6946	-2.5704	2.00250
-4.40	1.9959	15.5741	17.5701	54.6885	-2.3715	1.99804
-4.20	1.9905	15.4904	17.4810	53.6868	-2.1727	1.99318
-4.00	1.9837	15.3926	17.3762	52.6738	-1.9742	1.98697
-3.80	1.9742	15.2625	17.2365	51.6323	-1.7763	1.97825
-3.60	1.9605	15.0785	17.0390	50.5421	-1.5793	1.96559
-3.40	1.9410	14.8142	16.7552	49.3792	-1.3836	1.94713
-3.20	1.9133	14.4400	16.3533	48.1172	-1.1899	1.92080
-3.00	1.8757	13.9274	15.8031	46.7317	-0.9985	1.88457
-2.80	1.8269	13.2576	15.0845	45.2090	-0.8099	1.83712
-2.60	1.7669	12.4309	14.1978	43.5544	-0.6244	1.77842

T= 14600						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.40	1.6976	11.4717	13.1693	41.7973	-0.4418	1.71023
-2.20	1.6222	10.4253	12.0475	39.9864	-0.2615	1.63573
-2.00	1.5449	9.3469	10.8918	38.1788	-0.0828	1.55889
-1.80	1.4693	8.2897	9.7590	36.4278	0.0955	1.48348
-1.60	1.3984	7.2957	8.6942	34.7738	0.2743	1.41252
-1.40	1.3342	6.3925	7.7267	33.2416	0.4536	1.34798
-1.20	1.2777	5.5936	6.8713	31.8417	0.6348	1.29086
-1.00	1.2288	4.9022	6.1310	30.5735	0.8178	1.24138
-0.80	1.1874	4.3137	5.5011	29.4289	1.0030	1.19923
-0.60	1.1528	3.8194	4.9722	28.3961	1.1901	1.16380
-0.40	1.1241	3.4085	4.5326	27.4611	1.3792	1.13432
-0.20	1.1007	3.0697	4.1704	26.6102	1.5700	1.10999
0.0	1.0817	2.7921	3.8738	25.8303	1.7625	1.09004
0.20	1.0665	2.5559	3.6324	25.1096	1.9563	1.07377
0.40	1.0546	2.3824	3.4370	24.4378	2.1515	1.06055
0.60	1.0458	2.2342	3.2799	23.8061	2.3478	1.04987
0.80	1.0397	2.1151	3.1548	23.2069	2.5453	1.04127
1.00	1.0365	2.0201	3.0567	22.6340	2.7439	1.03441
1.20	1.0368	1.9454	2.9822	22.0820	2.9441	1.02899
1.40	1.0415	1.8879	2.9293	21.5462	3.1460	1.02481
1.60	1.0522	1.8459	2.8981	21.0224	3.3504	1.02174
1.80	1.0718	1.8192	2.8910	20.5071	3.5585	1.01978
2.00	1.1047	1.8104	2.9151	19.9977	3.7716	1.01918
2.20	1.1567	1.8296	2.9864	19.4971	3.9916	1.02103
2.40	1.2265	1.9380	3.1645	19.0567	4.2170	1.03276

T= 14800						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.0186	15.8698	17.8884	57.9684	-2.9607	2.01975
-4.80	2.0101	15.6831	17.6932	56.8541	-2.7625	2.01149
-4.60	2.0038	15.5524	17.5562	55.7993	-2.5639	2.00547
-4.40	1.9984	15.4531	17.4516	54.7785	-2.3650	2.00054
-4.20	1.9931	15.3658	17.3589	53.7721	-2.1662	1.99571
-4.00	1.9868	15.2733	17.2600	52.7631	-1.9676	1.99003
-3.80	1.9784	15.1579	17.1363	51.7346	-1.7694	1.98242
-3.60	1.9665	14.9995	16.9660	50.6677	-1.5720	1.97153
-3.40	1.9495	14.7737	16.7233	49.5400	-1.3758	1.95568
-3.20	1.9254	14.4522	16.3777	48.3260	-1.1812	1.93286
-3.00	1.8921	14.0056	15.8977	47.0000	-0.9888	1.90098
-2.80	1.8479	13.4102	15.2581	45.5430	-0.7991	1.85833
-2.60	1.7924	12.6577	14.4501	43.9519	-0.6123	1.80429
-2.40	1.7266	11.7619	13.4886	42.2456	-0.4285	1.73985
-2.20	1.6534	10.7600	12.4135	40.4652	-0.2474	1.66767
-2.00	1.5765	9.7037	11.2803	38.6652	-0.0680	1.59147
-1.80	1.4999	8.6475	10.1474	36.9007	0.1103	1.51520
-1.60	1.4269	7.6378	9.0647	35.2174	0.2887	1.44222
-1.40	1.3599	6.7078	8.0677	33.6461	0.4678	1.37494
-1.20	1.3002	5.8764	7.1766	32.2025	0.6483	1.31474
-1.00	1.2482	5.1505	6.3988	30.8902	0.8305	1.26214
-0.80	1.2038	4.5285	5.7323	29.7039	1.0148	1.21702
-0.60	1.1665	4.0032	5.1697	28.6330	1.2012	1.17888
-0.40	1.1355	3.5645	4.7001	27.6646	1.3895	1.14700
-0.20	1.1101	3.2016	4.3117	26.7848	1.5796	1.12061
0.0	1.0894	2.9034	3.9928	25.9804	1.7714	1.09890

T= 14800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.0728	2.6599	3.7326	25.2392	1.9648	1.08115
0.40	1.0597	2.4619	3.5217	24.5503	2.1594	1.06671
0.60	1.0498	2.3018	3.3517	23.9046	2.3554	1.05502
0.80	1.0429	2.1731	3.2160	23.2941	2.5525	1.04561
1.00	1.0391	2.0703	3.1094	22.7120	2.7509	1.03809
1.20	1.0388	1.9892	3.0281	22.1527	2.9508	1.03215
1.40	1.0430	1.9269	2.9699	21.6112	3.1525	1.02757
1.60	1.0532	1.8814	2.9347	21.0833	3.3568	1.02423
1.80	1.0724	1.8526	2.9250	20.5654	3.5646	1.02213
2.00	1.1046	1.8434	2.9480	20.0556	3.7775	1.02159
2.20	1.1554	1.8662	3.0216	19.5588	3.9970	1.02397
2.40	1.2168	2.0068	3.2236	19.1524	4.2195	1.04022

T= 15000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0261	15.8691	17.8952	58.1807	-2.9532	2.02723
-4.80	2.0152	15.5284	17.6437	57.0096	-2.7556	2.01558
-4.60	2.0074	15.4633	17.4707	55.9184	-2.5573	2.00907
-4.40	2.0013	15.3440	17.3453	54.8761	-2.3586	2.00333
-4.20	1.9957	15.2478	17.2435	53.8595	-2.1598	1.99826
-4.00	1.9896	15.1556	17.1453	52.8497	-1.9611	1.99284
-3.80	1.9820	15.0498	17.0318	51.8293	-1.7628	1.98602
-3.60	1.9716	14.9111	16.8827	50.7800	-1.5651	1.97656
-3.40	1.9568	14.7168	16.6736	49.6810	-1.3684	1.96289
-3.20	1.9357	14.4402	16.3759	48.5078	-1.1731	1.94312
-3.00	1.9062	14.0520	15.9582	47.2347	-0.9797	1.91516
-2.80	1.8665	13.5256	15.3921	45.8392	-0.7889	1.87705
-2.60	1.8155	12.8456	14.6611	44.3110	-0.6009	1.82768
-2.40	1.7537	12.0163	13.7700	42.6596	-0.4160	1.76733
-2.20	1.6831	11.0656	12.7487	40.9173	-0.2338	1.69803
-2.00	1.6073	10.0398	11.6471	39.1338	-0.0538	1.62314
-1.80	1.5302	8.9928	10.5230	37.3644	0.1248	1.54662
-1.60	1.4555	7.9744	9.4300	35.6588	0.3031	1.47211
-1.40	1.3860	7.0229	8.4089	34.0533	0.4819	1.40242
-1.20	1.3233	6.1624	7.4857	32.5692	0.6618	1.33933
-1.00	1.2683	5.4041	6.6724	31.2145	0.8433	1.28369
-0.80	1.2210	4.7495	5.9704	29.9871	1.0268	1.23560
-0.60	1.1810	4.1934	5.3743	28.8782	1.2123	1.19472
-0.40	1.1475	3.7269	4.8744	27.8759	1.3999	1.16039
-0.20	1.1200	3.3395	4.4595	26.9666	1.5893	1.13186
0.0	1.0975	3.0202	4.1177	26.1369	1.7805	1.10832
0.20	1.0794	2.7588	3.8382	25.3745	1.9733	1.08902
0.40	1.0651	2.5460	3.6111	24.6680	2.1675	1.07330
0.60	1.0542	2.3736	3.4277	24.0077	2.3630	1.06055
0.80	1.0464	2.2347	3.2811	23.3853	2.5598	1.05027
1.00	1.0419	2.1237	3.1656	22.7936	2.7579	1.04205
1.20	1.0410	2.0362	3.0772	22.2266	2.9575	1.03556
1.40	1.0446	1.9688	3.0134	21.6792	3.1590	1.03057
1.60	1.0544	1.9196	2.9740	21.1470	3.3631	1.02694
1.80	1.0730	1.8886	2.9616	20.6265	3.5707	1.02470
2.00	1.1045	1.8793	2.9838	20.1164	3.7832	1.02425
2.20	1.1538	1.9065	3.0603	19.6244	4.0022	1.02730
2.40	1.2009	2.1011	3.3020	19.2742	4.2196	1.05138

T= 15200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0356	15.9151	17.9507	58.4371	-2.9455	2.03672
-4.80	2.0217	15.6068	17.6285	57.1948	-2.7485	2.02301
-4.60	2.0118	15.3969	17.4087	56.0563	-2.5506	2.01351
-4.40	2.0045	15.2499	17.2544	54.9846	-2.3521	2.00659
-4.20	1.9984	15.1388	17.1372	53.9518	-2.1535	2.00097
-4.00	1.9924	15.0421	17.0345	52.9361	-1.9548	1.99554
-3.80	1.9853	14.9410	16.9263	51.9191	-1.7563	1.98924
-3.60	1.9760	14.8165	16.7925	50.8824	-1.5584	1.98087
-3.40	1.9630	14.6474	16.6103	49.8061	-1.3612	1.96900
-3.20	1.9445	14.4084	16.3529	48.6672	-1.1654	1.95185
-3.00	1.9184	14.0712	15.9897	47.4402	-0.9712	1.92736
-2.80	1.8828	13.6076	15.4905	46.1010	-0.7793	1.89347
-2.60	1.8363	12.9971	14.8333	44.6336	-0.5902	1.84866
-2.40	1.7785	12.2353	14.0139	43.0392	-0.4041	1.79261
-2.20	1.7111	11.3408	13.0519	41.3409	-0.2209	1.72664
-2.00	1.6370	10.3529	11.9899	39.5819	-0.0401	1.65368
-1.80	1.5601	9.3231	10.8831	37.8160	0.1390	1.57751
-1.60	1.4842	8.3031	9.7873	36.0952	0.3173	1.50198
-1.40	1.4125	7.3356	8.7481	34.4611	0.4958	1.43025
-1.20	1.3471	6.4499	7.7969	32.9402	0.6752	1.36451
-1.00	1.2891	5.6616	6.9507	31.5453	0.8561	1.30595
-0.80	1.2388	4.9758	6.2146	30.2778	1.0388	1.25495
-0.60	1.1960	4.3895	5.5855	29.1312	1.2236	1.21131
-0.40	1.1601	3.8952	5.0554	28.0947	1.4104	1.17448
-0.20	1.1304	3.4831	4.6135	27.1553	1.5991	1.14373
0.0	1.1061	3.1424	4.2485	26.2999	1.7896	1.11829
0.20	1.0864	2.8627	3.9491	25.5156	1.9818	1.09739
0.40	1.0708	2.6345	3.7053	24.7908	2.1755	1.08032
0.60	1.0588	2.4493	3.5081	24.1154	2.3706	1.06645
0.80	1.0501	2.3000	3.3501	23.4806	2.5671	1.05526
1.00	1.0449	2.1805	3.2253	22.8789	2.7649	1.04630
1.20	1.0433	2.0862	3.1295	22.3039	2.9643	1.03923
1.40	1.0463	2.0136	3.0599	21.7503	3.1655	1.03380
1.60	1.0556	1.9606	3.0162	21.2137	3.3693	1.02987
1.80	1.0736	1.9274	3.0010	20.6906	3.5767	1.02750
2.00	1.1043	1.9182	3.0225	20.1805	3.7889	1.02718
2.20	1.1519	1.9508	3.1028	19.6943	4.0073	1.03107

T= 15400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0475	16.0150	18.0625	58.7457	-2.9373	2.04862
-4.80	2.0298	15.6241	17.6539	57.4162	-2.7410	2.03111
-4.60	2.0174	15.3577	17.3751	56.2180	-2.5437	2.01904
-4.40	2.0085	15.1742	17.1827	55.1077	-2.3456	2.01051
-4.20	2.0015	15.0416	17.0431	54.0519	-2.1471	2.00400
-4.00	1.9952	14.9351	16.9302	53.0250	-1.9485	1.99828
-3.80	1.9883	14.8338	16.8222	52.0065	-1.7500	1.99222
-3.60	1.9798	14.7187	16.6985	50.9776	-1.5519	1.98466
-3.40	1.9683	14.5690	16.5373	49.9187	-1.3544	1.97423
-3.20	1.9520	14.3611	16.3131	48.8079	-1.1580	1.95928
-3.00	1.9289	14.0679	15.9968	47.6208	-0.9632	1.93785
-2.80	1.8971	13.6606	15.5577	46.3322	-0.7704	1.90781
-2.60	1.8548	13.1151	14.9699	44.9224	-0.5802	1.86738
-2.40	1.8013	12.4202	14.2214	43.3852	-0.3929	1.81568

T= 15400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	1.7373	11.5850	13.3223	41.7349	-0.2086	1.75340
-2.00	1.6654	10.6412	12.3066	40.0074	-0.0270	1.68288
-1.80	1.5892	9.6360	11.2252	38.2529	0.1527	1.60766
-1.60	1.5126	8.6216	10.1342	36.5244	0.3312	1.53164
-1.40	1.4391	7.6440	9.0832	34.8674	0.5096	1.45829
-1.20	1.3712	6.7374	8.1086	33.3139	0.6886	1.39018
-1.00	1.3104	5.9220	7.2324	31.8814	0.8689	1.32886
-0.80	1.2573	5.2066	6.4638	30.5751	1.0509	1.27500
-0.60	1.2117	4.5909	5.8027	29.3913	1.2349	1.22861
-0.40	1.1733	4.0691	5.2425	28.3206	1.4209	1.18924
-0.20	1.1414	3.6322	4.7736	27.3510	1.6089	1.15624
0.0	1.1151	3.2698	4.3849	26.4692	1.7988	1.12884
0.20	1.0938	2.9714	4.0653	25.6624	1.9905	1.10626
0.40	1.0768	2.7275	3.8043	24.9188	2.1837	1.08778
0.60	1.0637	2.5291	3.5928	24.2278	2.3783	1.07274
0.80	1.0541	2.3690	3.4230	23.5801	2.5744	1.06059
1.00	1.0480	2.2407	3.2887	22.9680	2.7719	1.05086
1.20	1.0457	2.1394	3.1851	22.3847	2.9709	1.04318
1.40	1.0482	2.0614	3.1095	21.8248	3.1720	1.03729
1.60	1.0568	2.0045	3.0614	21.2835	3.3755	1.03305
1.80	1.0743	1.9692	3.0434	20.7578	3.5826	1.03055
2.00	1.1041	1.9602	3.0643	20.2479	3.7945	1.03041
2.20	1.1497	1.9997	3.1494	19.7689	4.0121	1.03534

T= 15500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0545	16.0875	18.1419	58.9220	-2.9330	2.05561
-4.80	2.0345	15.6494	17.6840	57.5427	-2.7372	2.03591
-4.60	2.0207	15.3498	17.3705	56.3096	-2.5402	2.02230
-4.40	2.0108	15.1444	17.1552	55.1760	-2.3423	2.01277
-4.20	2.0032	14.9984	17.0016	54.1058	-2.1439	2.00568
-4.00	1.9966	14.8847	16.8813	53.0712	-1.9454	1.99970
-3.80	1.9898	14.7816	16.7714	52.0502	-1.7469	1.99366
-3.60	1.9816	14.6693	16.6509	51.0233	-1.5487	1.98640
-3.40	1.9706	14.5274	16.4980	49.9712	-1.3511	1.97657
-3.20	1.9553	14.3328	16.2881	48.8725	-1.1545	1.96259
-3.00	1.9336	14.0590	15.9926	47.7029	-0.9593	1.94253
-2.80	1.9036	13.6774	15.5810	46.4374	-0.7661	1.91427
-2.60	1.8633	13.1626	15.0259	45.0549	-0.5754	1.87592
-2.40	1.8119	12.5003	14.3122	43.5460	-0.3875	1.82640
-2.20	1.7497	11.6955	13.4453	41.9208	-0.2027	1.76605
-2.00	1.6791	10.7756	12.4547	40.2112	-0.0206	1.69693
-1.80	1.6034	9.7854	11.3888	38.4650	0.1594	1.62240
-1.60	1.5267	8.7763	10.3031	36.7354	0.3381	1.54633
-1.40	1.4525	7.7960	9.2485	35.0693	0.5164	1.47234
-1.20	1.3834	6.8806	8.2640	33.5012	0.6953	1.40316
-1.00	1.3213	6.0528	7.3741	32.0510	0.8753	1.34053
-0.80	1.2667	5.3234	6.5901	30.7260	1.0570	1.28528
-0.60	1.2198	4.6934	5.9133	29.5238	1.2406	1.23751
-0.40	1.1801	4.1581	5.3382	28.4362	1.4263	1.19687
-0.20	1.1471	3.7087	4.8558	27.4512	1.6139	1.16272
0.0	1.1198	3.3354	4.4552	26.5561	1.8035	1.13432
0.20	1.0977	3.0276	4.1253	25.7380	1.9948	1.11088
0.40	1.0800	2.7756	3.8556	24.9847	2.1877	1.09167

T= 15500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.60	1.0662	2.5706	3.6368	24.2857	2.3822	1.07603
0.80	1.0561	2.4049	3.4610	23.6315	2.5780	1.06338
1.00	1.0496	2.2721	3.3217	23.0140	2.7754	1.05325
1.20	1.0470	2.1672	3.2142	22.4265	2.9743	1.04526
1.40	1.0491	2.0864	3.1356	21.8632	3.1752	1.03913
1.60	1.0575	2.0276	3.0851	21.3196	3.3786	1.03474
1.80	1.0746	1.9912	3.0658	20.7926	3.5856	1.03218
2.00	1.1040	1.9825	3.0865	20.2829	3.7973	1.03214
2.20	1.1485	2.0259	3.1743	19.8082	4.0144	1.03769

T= 15600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0622	16.1759	18.2381	59.1141	-2.9285	2.06335
-4.80	2.0399	15.6868	17.7266	57.6808	-2.7333	2.04125
-4.60	2.0243	15.3507	17.3750	56.4092	-2.5366	2.02594
-4.40	2.0133	15.1207	17.1340	55.2496	-2.3390	2.01529
-4.20	2.0050	14.9592	16.9642	54.1629	-2.1408	2.00751
-4.00	1.9981	14.8369	16.8350	53.1189	-1.9423	2.00119
-3.80	1.9913	14.7307	16.7219	52.0941	-1.7437	1.99510
-3.60	1.9833	14.6200	16.6033	51.0682	-1.5455	1.98806
-3.40	1.9729	14.4846	16.4575	50.0217	-1.3478	1.97877
-3.20	1.9584	14.3019	16.2603	48.9336	-1.1510	1.96566
-3.00	1.9380	14.0459	15.9839	47.7802	-0.9555	1.94687
-2.80	1.9096	13.6884	15.5980	46.5364	-0.7619	1.92029
-2.60	1.8713	13.2029	15.0742	45.1800	-0.5707	1.88396
-2.40	1.8219	12.5726	14.3945	43.6989	-0.3824	1.83658
-2.20	1.7616	11.7984	13.5601	42.0992	-0.1970	1.77822
-2.00	1.6924	10.9035	12.5959	40.4087	-0.0144	1.71059
-1.80	1.6174	9.9296	11.5471	38.6727	0.1659	1.63687
-1.60	1.5407	8.9277	10.4684	36.9436	0.3448	1.56090
-1.40	1.4658	7.9461	9.4119	35.2700	0.5232	1.48637
-1.20	1.3957	7.0231	8.4188	33.6884	0.7019	1.41620
-1.00	1.3322	6.1839	7.5161	32.2214	0.8817	1.35232
-0.80	1.2763	5.4409	6.7172	30.8781	1.0631	1.29570
-0.60	1.2280	4.7970	6.0250	29.6579	1.2463	1.24658
-0.40	1.1871	4.2482	5.4353	28.5533	1.4316	1.20466
-0.20	1.1529	3.7865	4.9394	27.5531	1.6189	1.16936
0.0	1.1246	3.4022	4.5268	26.6446	1.8081	1.13994
0.20	1.1016	3.0849	4.1865	25.8149	1.9991	1.11563
0.40	1.0832	2.8248	3.9080	25.0520	2.1918	1.09568
0.60	1.0688	2.6130	3.6819	24.3448	2.3860	1.07942
0.80	1.0582	2.4417	3.4999	23.6839	2.5817	1.06627
1.00	1.0513	2.3044	3.3557	23.0610	2.7788	1.05573
1.20	1.0483	2.1958	3.2442	22.4691	2.9776	1.04741
1.40	1.0501	2.1122	3.1624	21.9025	3.1784	1.04104
1.60	1.0582	2.0514	3.1096	21.3566	3.3817	1.03648
1.80	1.0749	2.0139	3.0888	20.8283	3.5885	1.03387
2.00	1.1038	2.0056	3.1095	20.3188	3.8000	1.03396
2.20	1.1471	2.0534	3.2004	19.8488	4.0167	1.04020

T= 15800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.0801	16.4037	18.4838	59.5493	-2.9193	2.08128

T= 15800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.80	2.0524	15.8009	17.8533	57.9955	-2.7251	2.05376
-4.60	2.0329	15.3814	17.4143	56.6356	-2.5292	2.03452
-4.40	2.0192	15.0937	17.1128	55.4150	-2.3322	2.02117
-4.20	2.0092	14.8946	16.9038	54.2885	-2.1343	2.01168
-4.00	2.0014	14.7502	16.7516	53.2207	-1.9360	2.00442
-3.80	1.9942	14.5337	16.6279	52.1841	-1.7376	1.99802
-3.60	1.9865	14.5229	16.5094	51.1567	-1.5392	1.99123
-3.40	1.9770	14.3969	16.3738	50.1180	-1.3413	1.98277
-3.20	1.9640	14.2339	16.1979	49.0474	-1.1442	1.97116
-3.00	1.9458	14.0091	15.9549	47.9221	-0.9482	1.95463
-2.80	1.9205	13.6949	15.6154	46.7174	-0.7539	1.93114
-2.60	1.8859	13.2639	15.1497	45.4095	-0.5618	1.89860
-2.40	1.8405	12.6949	14.5354	43.9821	-0.3724	1.85541
-2.20	1.7841	11.9817	13.7658	42.4340	-0.1859	1.80107
-2.00	1.7178	11.1391	12.8570	40.7848	-0.0024	1.73669
-1.80	1.6446	10.2024	11.8470	39.0736	0.1787	1.66497
-1.60	1.5682	9.2194	10.7876	37.3509	0.3581	1.58957
-1.40	1.4924	8.2398	9.7322	35.6668	0.5365	1.51432
-1.20	1.4204	7.3055	8.7259	34.0620	0.7151	1.44244
-1.00	1.3545	6.4459	7.8004	32.5638	0.8944	1.37623
-0.80	1.2958	5.6778	6.9737	31.1858	1.0752	1.31698
-0.60	1.2449	5.0070	6.2519	29.9304	1.2578	1.26518
-0.40	1.2014	4.4319	5.6332	28.7922	1.4423	1.22071
-0.20	1.1648	3.9457	5.1105	27.7615	1.6289	1.18308
0.0	1.1346	3.5394	4.6740	26.8260	1.8175	1.15159
0.20	1.1098	3.2030	4.3128	25.9731	2.0079	1.12550
0.40	1.0899	2.9265	4.0164	25.1903	2.2000	1.10403
0.60	1.0743	2.7010	3.7752	24.4666	2.3938	1.08650
0.80	1.0626	2.5182	3.5808	23.7920	2.5890	1.07230
1.00	1.0548	2.3716	3.4264	23.1579	2.7858	1.06091
1.20	1.0511	2.2555	3.3066	22.5572	2.9843	1.05192
1.40	1.0522	2.1662	3.2184	21.9838	3.1848	1.04506
1.60	1.0596	2.1014	3.1610	21.4330	3.3878	1.04018
1.80	1.0756	2.0618	3.1374	20.9021	3.5943	1.03747
2.00	1.1035	2.0545	3.1580	20.3936	3.8054	1.03785
2.20	1.1439	2.1124	3.2563	19.9343	4.0210	1.04572

T= 16000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.1015	16.7027	18.8042	60.0565	-2.9094	2.10270
-4.80	2.0676	15.9723	18.0399	58.3666	-2.7164	2.06901
-4.60	2.0434	15.4552	17.4986	56.9032	-2.5215	2.04508
-4.40	2.0264	15.0976	17.1240	55.6088	-2.3252	2.02840
-4.20	2.0143	14.8515	16.8657	54.4324	-2.1278	2.01672
-4.00	2.0051	14.6776	16.6827	53.3331	-1.9297	2.00814
-3.80	1.9974	14.5452	16.5426	52.2791	-1.7314	2.00111
-3.60	1.9897	14.4293	16.4190	51.2452	-1.5331	1.99430
-3.40	1.9807	14.3081	16.2888	50.2097	-1.3351	1.98640
-3.20	1.9689	14.1598	16.1287	49.1519	-1.1377	1.97598
-3.00	1.9526	13.9605	15.9132	48.0495	-0.9413	1.96136
-2.80	1.9299	13.6837	15.6136	46.8783	-0.7463	1.94056
-2.60	1.8987	13.3014	15.2001	45.6141	-0.5534	1.91148
-2.40	1.8572	12.7897	14.6469	44.2372	-0.3630	1.87227
-2.20	1.8047	12.1363	13.9410	42.7403	-0.1755	1.82198

T= 16000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.00	1.7417	11.3481	13.0898	41.1352	0.0091	1.76111
-1.80	1.6706	10.4531	12.1237	39.4543	0.1910	1.69181
-1.60	1.5950	9.4951	11.0901	37.7443	0.3709	1.61749
-1.40	1.5187	8.5235	10.0422	36.0559	0.5496	1.54198
-1.20	1.4452	7.5829	9.0281	34.4330	0.7280	1.46877
-1.00	1.3770	6.7069	8.0839	32.9074	0.9071	1.40048
-0.80	1.3158	5.9162	7.2320	31.4971	1.0873	1.33877
-0.60	1.2622	5.2202	6.4824	30.2078	1.2692	1.28437
-0.40	1.2162	4.6196	5.8358	29.0369	1.4531	1.23737
-0.20	1.1773	4.1094	5.2866	27.9758	1.6390	1.19738
0.0	1.1449	3.6812	4.8261	27.0132	1.8269	1.16380
0.20	1.1184	3.3255	4.4439	26.1366	2.0167	1.13586
0.40	1.0969	3.0325	4.1294	25.3337	2.2083	1.11283
0.60	1.0800	2.7929	3.8729	24.5930	2.4015	1.09398
0.80	1.0672	2.5985	3.6657	23.9044	2.5964	1.07869
1.00	1.0585	2.4422	3.5007	23.2588	2.7928	1.06642
1.20	1.0539	2.3186	3.3725	22.6490	2.9909	1.05674
1.40	1.0544	2.2234	3.2778	22.0685	3.1911	1.04935
1.60	1.0611	2.1545	3.2156	21.5128	3.3939	1.04415
1.80	1.0763	2.1128	3.1892	20.9794	3.6001	1.04136
2.00	1.1030	2.1070	3.2100	20.4722	3.8107	1.04211
2.20	1.1400	2.1774	3.3174	20.0263	4.0250	1.05203

T= 16200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.1266	17.0751	19.2016	60.6386	-2.8988	2.12783
-4.80	2.0858	16.2056	18.2914	58.7996	-2.7072	2.08729
-4.60	2.0562	15.5773	17.6335	57.2180	-2.5134	2.05794
-4.40	2.0352	15.1371	17.1724	55.8360	-2.3179	2.03726
-4.20	2.0204	14.8334	16.8538	54.5987	-2.1211	2.02283
-4.00	2.0095	14.6220	16.6315	53.4595	-1.9234	2.01250
-3.80	2.0008	14.4674	16.4682	52.3816	-1.7253	2.00452
-3.60	1.9928	14.3415	16.3343	51.3361	-1.5270	1.99740
-3.40	1.9841	14.2205	16.2046	50.2993	-1.3289	1.98979
-3.20	1.9732	14.0821	16.0554	49.2496	-1.1313	1.98026
-3.00	1.9586	13.9032	15.8618	48.1652	-0.9346	1.96721
-2.80	1.9382	13.6579	15.5961	47.0224	-0.7391	1.94875
-2.60	1.9100	13.3187	15.2287	45.7968	-0.5455	1.92278
-2.40	1.8722	12.8596	14.7318	44.4665	-0.3541	1.88731
-2.20	1.8234	12.2638	14.0872	43.0193	-0.1656	1.84100
-2.00	1.7639	11.5308	13.2947	41.4600	0.0200	1.78379
-1.80	1.6953	10.6811	12.3764	39.8135	0.2028	1.71729
-1.60	1.6210	9.7534	11.3743	38.1221	0.3833	1.64451
-1.40	1.5446	8.7955	10.3401	36.4354	0.5623	1.56920
-1.20	1.4699	7.8537	9.3236	34.7997	0.7408	1.49504
-1.00	1.3998	6.9652	8.3651	33.2507	0.9196	1.42497
-0.80	1.3362	6.1550	7.4912	31.8108	1.0994	1.36097
-0.60	1.2800	5.4357	6.7157	30.4895	1.2807	1.30408
-0.40	1.2314	4.8108	6.0422	29.2866	1.4639	1.25458
-0.20	1.1902	4.2770	5.4673	28.1956	1.6491	1.21225
0.0	1.1557	3.8272	4.9830	27.2059	1.8364	1.17653
0.20	1.1273	3.4523	4.5796	26.3055	2.0256	1.14673
0.40	1.1043	3.1425	4.2468	25.4821	2.2166	1.12208
0.60	1.0860	2.8887	3.9747	24.7241	2.4093	1.10187

T= 16200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.80	1.0721	2.6824	3.7545	24.0211	2.6037	1.08545
1.00	1.0623	2.5164	3.5788	23.3638	2.7998	1.07226
1.20	1.0570	2.3850	3.4419	22.7446	2.9976	1.06186
1.40	1.0566	2.2838	3.3404	22.1569	3.1974	1.05394
1.60	1.0626	2.2107	3.2733	21.5962	3.3999	1.04841
1.80	1.0770	2.1672	3.2442	21.0603	3.6057	1.04555
2.00	1.1024	2.1632	3.2656	20.5549	3.8159	1.04678
2.20	1.1353	2.2489	3.3842	20.1253	4.0286	1.05926

T= 16400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.1554	17.5203	19.6757	61.2959	-2.8876	2.15677
-4.80	2.1074	16.5038	18.6112	59.2985	-2.6974	2.10886
-4.60	2.0717	15.7524	17.8240	57.5852	-2.5048	2.07339
-4.40	2.0460	15.2170	17.2629	56.1021	-2.3103	2.04804
-4.20	2.0278	14.8445	16.8723	54.7918	-2.1141	2.03025
-4.00	2.0147	14.5866	16.6013	53.6032	-1.9169	2.01770
-3.80	2.0047	14.4029	16.4076	52.4942	-1.7191	2.00839
-3.60	1.9961	14.2614	16.2576	51.4315	-1.5210	2.00066
-3.40	1.9874	14.1359	16.1234	50.3887	-1.3229	1.99306
-3.20	1.9772	14.0030	15.9802	49.3428	-1.1251	1.98416
-3.00	1.9638	13.8396	15.8034	48.2718	-0.9281	1.97238
-2.80	1.9454	13.6206	15.5660	47.1525	-0.7321	1.95591
-2.60	1.9200	13.3189	15.2388	45.9604	-0.5379	1.93271
-2.40	1.8855	12.9076	14.7931	44.6726	-0.3457	1.90068
-2.20	1.8404	12.3662	14.2067	43.2729	-0.1562	1.85821
-2.00	1.7844	11.6881	13.4724	41.7597	0.0303	1.80475
-1.80	1.7187	10.8861	12.6048	40.1509	0.2140	1.74131
-1.60	1.6460	9.9932	11.6391	38.4831	0.3953	1.67048
-1.40	1.5700	9.0543	10.6242	36.8037	0.5747	1.59583
-1.20	1.4945	8.1164	9.6109	35.1604	0.7533	1.52113
-1.00	1.4227	7.2198	8.6425	33.5923	0.9320	1.44959
-0.80	1.3569	6.3931	7.7499	32.1258	1.1114	1.38351
-0.60	1.2982	5.6526	6.9509	30.7744	1.2922	1.32425
-0.40	1.2472	5.0048	6.2520	29.5408	1.4748	1.27232
-0.20	1.2036	4.4483	5.6519	28.4204	1.6593	1.22765
0.0	1.1669	3.9772	5.1442	27.4037	1.8459	1.18979
0.20	1.1366	3.5831	4.7197	26.4794	2.0345	1.15807
0.40	1.1119	3.2565	4.3685	25.6354	2.2249	1.13178
0.60	1.0923	2.9883	4.0806	24.8598	2.4172	1.11017
0.80	1.0771	2.7700	3.8471	24.1421	2.6111	1.09258
1.00	1.0664	2.5941	3.6605	23.4728	2.8068	1.07844
1.20	1.0602	2.4547	3.5148	22.8439	3.0042	1.06729
1.40	1.0590	2.3474	3.4064	22.2489	3.2037	1.05883
1.60	1.0642	2.2702	3.3344	21.6831	3.4059	1.05297
1.80	1.0778	2.2248	3.3026	21.1449	3.6114	1.05008
2.00	1.1017	2.2232	3.3249	20.6419	3.8209	1.05187
2.20	1.1295	2.3279	3.4573	20.2323	4.0317	1.06760

T= 16500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.1713	17.7692	19.9404	61.6521	-2.8818	2.17266
-4.80	2.1194	16.6778	18.7972	59.5733	-2.6923	2.12094

T= 16500						
LOG RHO	Z	E/RT	1/RT	S/R	LOG P	Z*
-4.60	2.0804	15.8610	17.9414	57.7899	-2.5004	2.08218
-4.40	2.0522	15.2734	17.3255	56.2511	-2.3063	2.05422
-4.20	2.0321	14.8623	16.8943	54.8999	-2.1106	2.03453
-4.00	2.0177	14.5775	16.5951	53.5828	-1.9137	2.02067
-3.80	2.0069	14.3764	16.3833	52.5552	-1.7160	2.01055
-3.60	1.9979	14.2250	16.2229	51.4816	-1.5179	2.00240
-3.40	1.9891	14.0954	16.0845	50.4340	-1.3199	1.99470
-3.20	1.9791	13.9636	15.9427	49.3884	-1.1221	1.98600
-3.00	1.9662	13.8062	15.7724	48.3224	-0.9249	1.97474
-2.80	1.9487	13.5984	15.5471	47.2130	-0.7288	1.95915
-2.60	1.9245	13.3135	15.2379	46.0359	-0.5342	1.93720
-2.40	1.8916	12.9242	14.8158	44.7677	-0.3417	1.90679
-2.20	1.8483	12.4087	14.2570	43.3907	-0.1518	1.86617
-2.00	1.7940	11.7575	13.5515	41.9004	0.0353	1.81458
-1.80	1.7298	10.9801	12.7099	40.3113	0.2195	1.75276
-1.60	1.6580	10.1059	11.7640	38.6569	0.4011	1.68304
-1.40	1.5824	9.1783	10.7607	36.9832	0.5808	1.60889
-1.20	1.5067	8.2443	9.7510	35.3380	0.7595	1.53406
-1.00	1.4342	7.3452	8.7794	33.7620	0.9381	1.46190
-0.80	1.3673	6.5115	7.8788	32.2835	1.1173	1.39488
-0.60	1.3075	5.7614	7.0689	30.9179	1.2979	1.33449
-0.40	1.2552	5.1027	6.3578	29.6694	1.4802	1.28137
-0.20	1.2104	4.5351	5.7455	28.5345	1.6644	1.23554
0.0	1.1727	4.0536	5.2263	27.5045	1.8507	1.19660
0.20	1.1414	3.6499	4.7913	26.5682	2.0389	1.16393
0.40	1.1159	3.3150	4.4309	25.7137	2.2291	1.13679
0.60	1.0955	3.0396	4.1350	24.9293	2.4211	1.11446
0.80	1.0798	2.8151	3.8949	24.2042	2.6148	1.09628
1.00	1.0685	2.6342	3.7027	23.5288	2.8103	1.08165
1.20	1.0618	2.4908	3.5526	22.8951	3.0075	1.07012
1.40	1.0603	2.3804	3.4407	22.2963	3.2069	1.06138
1.60	1.0651	2.3011	3.3662	21.7279	3.4089	1.05536
1.80	1.0781	2.2549	3.3330	21.1886	3.6141	1.05247
2.00	1.1012	2.2547	3.3560	20.6870	3.8234	1.05458
2.20	1.1261	2.3704	3.4965	20.2891	4.0330	1.07225

T= 16600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.1880	18.0347	20.2227	62.0257	-2.8758	2.18946
-4.80	2.1323	16.8682	19.0005	59.8650	-2.6870	2.13388
-4.60	2.0899	15.9840	18.0740	58.0092	-2.4958	2.09171
-4.40	2.0589	15.3415	17.4004	56.4117	-2.3023	2.06099
-4.20	2.0368	14.8888	16.9255	55.0163	-2.1070	2.03923
-4.00	2.0209	14.5746	16.5956	53.7680	-1.9103	2.02393
-3.80	2.0092	14.3543	16.3635	52.6198	-1.7129	2.01288
-3.60	1.9997	14.1913	16.1910	51.5338	-1.5149	2.00422
-3.40	1.9908	14.0564	16.0472	50.4800	-1.3169	1.99635
-3.20	1.9809	13.9245	15.9054	49.4336	-1.1190	1.98779
-3.00	1.9685	13.7720	15.7405	48.3715	-0.9218	1.97699
-2.80	1.9518	13.5743	15.5261	47.2710	-0.7255	1.96220
-2.60	1.9287	13.3048	15.2335	46.1077	-0.5306	1.94142
-2.40	1.8973	12.9364	14.8337	44.8579	-0.3378	1.91254
-2.20	1.8558	12.4458	14.3015	43.5028	-0.1474	1.87372
-2.00	1.8033	11.8210	13.6243	42.0351	0.0402	1.82399

T= 16600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.80	1.7406	11.0683	12.8088	40.4661	0.2248	1.76383
-1.60	1.6699	10.2137	11.8836	38.8261	0.4068	1.69530
-1.40	1.5947	9.2986	10.8933	37.1593	0.5868	1.62174
-1.20	1.5188	8.3696	9.8884	35.5135	0.7656	1.54689
-1.00	1.4456	7.4691	8.9148	33.9306	0.9442	1.47421
-0.80	1.3778	6.6293	8.0071	32.4410	1.1233	1.40629
-0.60	1.3168	5.8701	7.1869	31.0617	1.3036	1.34481
-0.40	1.2633	5.2009	6.4642	29.7988	1.4856	1.29053
-0.20	1.2173	4.6226	5.8400	28.6496	1.6695	1.24355
0.0	1.1786	4.1307	5.3093	27.6063	1.8555	1.20353
0.20	1.1463	3.7176	4.8539	26.6582	2.0434	1.16989
0.40	1.1199	3.3743	4.4942	25.7933	2.2333	1.14191
0.60	1.0988	3.0917	4.1905	25.0000	2.4250	1.11886
0.80	1.0824	2.8611	3.9436	24.2674	2.6185	1.10007
1.00	1.0706	2.6752	3.7458	23.5858	2.8137	1.08495
1.20	1.0635	2.5277	3.5912	22.9471	3.0108	1.07304
1.40	1.0615	2.4142	3.4758	22.3446	3.2100	1.06401
1.60	1.0659	2.3328	3.3988	21.7736	3.4118	1.05782
1.80	1.0785	2.2858	3.3643	21.2332	3.6169	1.05494
2.00	1.1008	2.2872	3.3880	20.7332	3.8258	1.05742
2.20	1.1222	2.4152	3.5374	20.3484	4.0342	1.07727

T= 16800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.2242	18.6119	20.8361	62.8222	-2.8635	2.22569
-4.80	2.1607	17.2974	19.4581	60.4987	-2.6761	2.16238
-4.60	2.1112	16.2745	18.3857	58.4927	-2.4862	2.11308
-4.40	2.0743	15.5144	17.5886	56.7693	-2.2938	2.07638
-4.20	2.0475	14.9702	17.0177	55.2764	-2.0995	2.05001
-4.00	2.0284	14.5896	16.6180	53.9576	-1.9035	2.03141
-3.80	2.0145	14.3243	16.3388	52.7615	-1.7065	2.01816
-3.60	2.0037	14.1333	16.1371	51.6454	-1.5089	2.00820
-3.40	1.9943	13.9839	15.9781	50.5754	-1.3109	1.99976
-3.20	1.9845	13.8484	15.8329	49.5238	-1.1130	1.99128
-3.00	1.9728	13.7324	15.6752	48.4665	-0.9156	1.98118
-2.80	1.9574	13.5214	15.4788	47.3803	-0.7190	1.96777
-2.60	1.9365	13.2792	15.2156	46.2412	-0.5237	1.94910
-2.40	1.9078	12.9486	14.8564	45.0252	-0.3302	1.92306
-2.20	1.8696	12.5047	14.3743	43.7111	-0.1389	1.88766
-2.00	1.8206	11.9313	13.7519	42.2876	0.0495	1.84159
-1.80	1.7610	11.2281	12.9891	40.7594	0.2351	1.78482
-1.60	1.6926	10.4147	12.1073	39.1506	0.4179	1.71890
-1.40	1.6186	9.5277	11.1462	37.5010	0.5984	1.64680
-1.20	1.5427	8.6122	10.1548	35.8577	0.7776	1.57221
-1.00	1.4684	7.7121	9.1806	34.2645	0.9562	1.49872
-0.80	1.3988	6.8626	8.2614	32.7551	1.1351	1.42923
-0.60	1.3356	6.0873	7.4229	31.3505	1.3150	1.36570
-0.40	1.2798	5.3985	6.6782	30.0598	1.4964	1.30916
-0.20	1.2315	4.7995	6.0310	28.8828	1.6797	1.25991
0.0	1.1905	4.2874	5.4779	27.8134	1.8651	1.21776
0.20	1.1563	3.8556	5.0119	26.8415	2.0524	1.18217
0.40	1.1282	3.4956	4.6239	25.9557	2.2417	1.15247
0.60	1.1056	3.1985	4.3041	25.1445	2.4329	1.12796
0.80	1.0880	2.9557	4.0437	24.3968	2.6259	1.10794

T= 16800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.00	1.0751	2.7596	3.8347	23.7028	2.8207	1.09181
1.20	1.0670	2.6340	3.6709	23.0541	3.0175	1.07910
1.40	1.0641	2.4843	3.5484	22.4440	3.2163	1.06950
1.60	1.0677	2.3987	3.4664	21.8679	3.4177	1.06299
1.80	1.0792	2.3502	3.4294	21.3254	3.6224	1.06015
2.00	1.0997	2.3552	3.4549	20.8290	3.8306	1.06345
2.20	1.1131	2.5123	3.6254	20.4749	4.0358	1.08862

T= 17000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.2635	19.2427	21.5062	63.6770	-2.8508	2.26512
-4.80	2.1925	17.7878	19.9803	61.1966	-2.6646	2.19429
-4.60	2.1357	16.6242	18.7599	59.0370	-2.4760	2.13762
-4.40	2.0922	15.7386	17.8308	57.1784	-2.2849	2.09443
-4.20	2.0603	15.0923	17.1526	55.5764	-2.0916	2.06284
-4.00	2.0373	14.6351	16.6724	54.1759	-1.8965	2.04034
-3.80	2.0208	14.3159	16.3366	52.9225	-1.7000	2.02441
-3.60	2.0083	14.0899	16.0982	51.7690	-1.5027	2.01275
-3.40	1.9980	13.9202	15.9182	50.6768	-1.3050	2.00343
-3.20	1.9880	13.7766	15.7646	49.6154	-1.1071	1.99475
-3.00	1.9768	13.6328	15.6096	48.5586	-0.9096	1.98509
-2.80	1.9625	13.4640	15.4265	47.4826	-0.7127	1.97277
-2.60	1.9434	13.2443	15.1877	46.3633	-0.5170	1.95590
-2.40	1.9172	12.9467	14.8639	45.1766	-0.3229	1.93238
-2.20	1.8820	12.5453	14.4273	43.9000	-0.1309	1.90015
-2.00	1.8364	12.0205	13.8569	42.5186	0.0584	1.85762
-1.80	1.7800	11.3663	13.1464	41.0314	0.2449	1.80429
-1.60	1.7142	10.5959	12.3101	39.4561	0.4285	1.74120
-1.40	1.6416	9.7405	11.3822	37.8279	0.6097	1.67092
-1.20	1.5660	8.8430	10.4090	36.1918	0.7892	1.59697
-1.00	1.4911	7.9475	9.4386	34.5926	0.9679	1.52302
-0.80	1.4199	7.0920	8.5119	33.0670	1.1467	1.45223
-0.60	1.3547	6.3032	7.6579	31.6397	1.3263	1.38683
-0.40	1.2966	5.5967	6.8932	30.3230	1.5072	1.32815
-0.20	1.2460	4.9782	6.2242	29.1195	1.6900	1.27670
0.0	1.2029	4.4468	5.6496	28.0244	1.8747	1.23242
0.20	1.1667	3.9967	5.1634	27.0291	2.0614	1.19489
0.40	1.1368	3.6203	4.7571	26.1225	2.2501	1.16346
0.60	1.1127	3.3088	4.4215	25.2932	2.4408	1.13745
0.80	1.0937	3.0537	4.1474	24.5303	2.6334	1.11616
1.00	1.0797	2.8473	3.9270	23.8237	2.8277	1.09900
1.20	1.0706	2.6835	3.7540	23.1649	3.0241	1.08549
1.40	1.0668	2.5575	3.6243	22.5471	3.2225	1.07531
1.60	1.0694	2.4678	3.5373	21.9657	3.4236	1.06848
1.80	1.0798	2.4180	3.4978	21.4213	3.6278	1.06571
2.00	1.0984	2.4272	3.5256	20.9293	3.8352	1.06999
2.20	1.1012	2.6212	3.7224	20.6142	4.0363	1.10214

T= 17200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.3056	19.9158	22.2213	64.5790	-2.8377	2.30727
-4.80	2.2276	18.3331	20.5607	61.9531	-2.6526	2.22940
-4.60	2.1633	17.0316	19.1949	59.6411	-2.4654	2.16534

T= 17200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.40	2.1130	16.0156	18.1287	57.6410	-2.2756	2.11530
-4.20	2.0753	15.2583	17.3337	55.9198	-2.0834	2.07792
-4.00	2.0479	14.7142	16.7622	54.4267	-1.8892	2.05095
-3.80	2.0282	14.3320	16.3602	53.1061	-1.6934	2.03181
-3.60	2.0136	14.0634	16.0770	51.9071	-1.4965	2.01803
-3.40	2.0021	13.8675	15.8696	50.7866	-1.2990	2.00749
-3.20	1.9916	13.7107	15.7024	49.7103	-1.1013	1.99831
-3.00	1.9806	13.5648	15.5454	48.6497	-0.9037	1.98883
-2.80	1.9672	13.4040	15.3711	47.5797	-0.7066	1.97732
-2.60	1.9495	13.2024	15.1519	46.4761	-0.5106	1.96196
-2.40	1.9255	12.9332	14.8588	45.3144	-0.3159	1.94067
-2.20	1.8932	12.5699	14.4631	44.0715	-0.1233	1.91133
-2.00	1.8508	12.0904	13.9412	42.7295	0.0669	1.87216
-1.80	1.7976	11.4841	13.2817	41.2827	0.2542	1.82226
-1.60	1.7345	10.7577	12.4921	39.7427	0.4387	1.76217
-1.40	1.6637	9.9368	11.6006	38.1393	0.6206	1.69401
-1.20	1.5888	9.0610	10.6498	36.5145	0.8006	1.62106
-1.00	1.5134	8.1743	9.6877	34.9136	0.9795	1.54700
-0.80	1.4410	7.3163	8.7573	33.3756	1.1582	1.47518
-0.60	1.3739	6.5170	7.8908	31.9284	1.3375	1.40814
-0.40	1.3136	5.7948	7.1084	30.5877	1.5180	1.34745
-0.20	1.2608	5.1583	6.4192	29.3588	1.7002	1.29387
0.0	1.2155	4.6084	5.8239	28.2390	1.8843	1.24751
0.20	1.1774	4.1406	5.3180	27.2205	2.0704	1.20802
0.40	1.1457	3.7480	4.8937	26.2933	2.2586	1.17485
0.60	1.1200	3.4222	4.5422	25.4460	2.4487	1.14732
0.80	1.0997	3.1548	4.2545	24.6677	2.6408	1.12475
1.00	1.0845	2.9382	4.0227	23.9484	2.8347	1.10654
1.20	1.0743	2.7661	3.8404	23.2794	3.0307	1.09219
1.40	1.0696	2.6339	3.7035	22.6538	3.2288	1.08143
1.60	1.0713	2.5401	3.6113	22.0673	3.4294	1.07429
1.80	1.0805	2.4891	3.5696	21.5211	3.6332	1.07165
2.00	1.0968	2.5033	3.6001	21.0342	3.8396	1.07708
2.20	1.0854	2.7451	3.8305	20.7695	4.0351	1.11863

T= 17400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.3497	20.6182	22.9679	65.5156	-2.8244	2.35156
-4.80	2.2654	18.9254	21.1908	62.7606	-2.6403	2.26740
-4.60	2.1940	17.4931	19.6872	60.3022	-2.4542	2.19617
-4.40	2.1367	16.3456	18.4823	58.1580	-2.2657	2.13906
-4.20	2.0928	15.4705	17.5632	56.3095	-2.0747	2.09545
-4.00	2.0604	14.8302	16.8906	54.7134	-1.8815	2.06345
-3.80	2.0369	14.3756	16.4125	53.3157	-1.6865	2.04056
-3.60	2.0198	14.0564	16.0762	52.0626	-1.4901	2.02421
-3.40	2.0067	13.8278	15.8344	50.9070	-1.2930	2.01206
-3.20	1.9955	13.6527	15.6482	49.8104	-1.0954	2.00209
-3.00	1.9843	13.5002	15.4845	48.7415	-0.8978	1.99250
-2.80	1.9715	13.3431	15.3146	47.6735	-0.7007	1.98155
-2.60	1.9550	13.1554	15.1104	46.5814	-0.5043	1.96741
-2.40	1.9330	12.9102	14.8432	45.4407	-0.3092	1.94805
-2.20	1.9032	12.5807	14.4839	44.2276	-0.1160	1.92134
-2.00	1.8638	12.1430	14.0069	42.9222	0.0750	1.88533
-1.80	1.8138	11.5826	13.3964	41.5146	0.2631	1.83880

T= 17400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-1.60	1.7535	10.9004	12.6539	40.0107	0.4485	1.78180
-1.40	1.6848	10.1163	11.8011	38.4346	0.6311	1.71601
-1.20	1.6109	9.2657	10.8766	36.8251	0.8116	1.64438
-1.00	1.5354	8.3915	9.9269	35.2266	0.9908	1.57056
-0.80	1.4619	7.5346	8.9966	33.6797	1.1695	1.49801
-0.60	1.3932	6.7276	8.1208	32.2156	1.3485	1.42953
-0.40	1.3309	5.9921	7.3230	30.8532	1.5287	1.36700
-0.20	1.2759	5.3392	6.6151	29.6003	1.7104	1.31138
0.0	1.2285	4.7717	6.0003	28.4565	1.8939	1.26297
0.20	1.1883	4.2869	5.4753	27.4155	2.0795	1.22155
0.40	1.1549	3.8785	5.0334	26.4678	2.2671	1.18663
0.60	1.1276	3.5386	4.6661	25.6026	2.4567	1.15756
0.80	1.1059	3.2590	4.3649	24.8090	2.6483	1.13369
1.00	1.0895	3.0322	4.1216	24.0769	2.8418	1.11440
1.20	1.0782	2.8518	3.9300	23.3975	3.0373	1.09922
1.40	1.0725	2.7133	3.7858	22.7640	3.2350	1.08786
1.60	1.0732	2.6154	3.6886	22.1724	3.4352	1.08043
1.80	1.0811	2.5635	3.6446	21.6247	3.6384	1.07796
2.00	1.0949	2.5834	3.6784	21.1437	3.8439	1.08473
2.20	1.0629	2.8908	3.9537	20.9477	4.0311	1.13971

T= 17500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.3724	20.9760	23.3485	65.9926	-2.8178	2.37431
-4.80	2.2853	19.2360	21.5214	63.1806	-2.6340	2.28735
-4.60	2.2105	17.7426	19.9531	60.6526	-2.4485	2.21269
-4.40	2.1496	16.5301	18.6797	58.4367	-2.2606	2.15204
-4.20	2.1025	15.5942	17.6967	56.5223	-2.0702	2.10518
-4.00	2.0673	14.9029	16.9702	54.8713	-1.8776	2.07047
-3.80	2.0418	14.4087	16.4505	53.4312	-1.6829	2.04550
-3.60	2.0233	14.0610	16.0842	52.1477	-1.4869	2.02768
-3.40	2.0092	13.8135	15.8227	50.9718	-1.2899	2.01458
-3.20	1.9975	13.6271	15.6246	49.8630	-1.0925	2.00409
-3.00	1.9862	13.4696	15.4559	48.7882	-0.8949	1.99435
-2.80	1.9736	13.3129	15.2865	47.7196	-0.6977	1.98358
-2.60	1.9576	13.1305	15.0882	46.6319	-0.5012	1.96994
-2.40	1.9364	12.8957	14.8322	45.5002	-0.3060	1.95145
-2.20	1.9078	12.5815	14.4894	44.3006	-0.1124	1.92594
-2.00	1.8699	12.1634	14.0333	43.0123	0.0788	1.89143
-1.80	1.8214	11.6251	13.4465	41.6236	0.2675	1.84654
-1.60	1.7626	10.9649	12.7274	40.1378	0.4532	1.79112
-1.40	1.6950	10.1997	11.8947	38.5763	0.6362	1.72658
-1.20	1.6216	9.3629	10.9845	36.9757	0.8170	1.65574
-1.00	1.5462	8.4963	10.0425	35.3797	0.9963	1.58215
-0.80	1.4723	7.6413	9.1136	33.8299	1.1750	1.50935
-0.60	1.4028	6.8316	8.2344	32.3584	1.3540	1.44024
-0.40	1.3396	6.0902	7.4298	30.9859	1.5340	1.37684
-0.20	1.2836	5.4297	6.7133	29.7217	1.7155	1.32025
0.0	1.2351	4.8539	6.0891	28.5663	1.8987	1.27083
0.20	1.1939	4.3609	5.5548	27.5142	2.0840	1.22846
0.40	1.1596	3.9447	5.1042	26.5564	2.2713	1.19266
0.60	1.1315	3.5978	4.7292	25.6822	2.4607	1.16282
0.80	1.1091	3.3122	4.4212	24.8810	2.6520	1.13829
1.00	1.0920	3.0802	4.1723	24.1425	2.8453	1.11846

T= 17500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.20	1.0802	2.8957	3.9759	23.4579	3.0406	1.10285
1.40	1.0740	2.7541	3.8281	22.8205	3.2381	1.09119
1.60	1.0741	2.6542	3.7283	22.2263	3.4381	1.08362
1.80	1.0814	2.6019	3.6833	21.6779	3.6410	1.08126
2.00	1.0939	2.6250	3.7189	21.2002	3.8460	1.08878
2.20	1.0473	2.9765	4.0238	21.0502	4.0271	1.15309

T= 17600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.3954	21.3359	23.7313	66.4730	-2.8111	2.39734
-4.80	2.3058	19.5545	21.8602	63.6095	-2.6277	2.30785
-4.60	2.2277	18.0034	20.2311	61.0152	-2.4426	2.22991
-4.40	2.1633	16.7270	18.8903	58.7283	-2.2554	2.16574
-4.20	2.1128	15.7299	17.8427	56.7472	-2.0656	2.11556
-4.00	2.0749	14.9856	17.0605	55.0391	-1.8735	2.07802
-3.80	2.0471	14.4497	16.4968	53.5544	-1.6793	2.05085
-3.60	2.0270	14.0714	16.0984	52.2383	-1.4836	2.03143
-3.40	2.0119	13.8032	15.8151	51.0402	-1.2869	2.01728
-3.20	1.9996	13.6042	15.6038	49.9176	-1.0895	2.00619
-3.00	1.9881	13.4405	15.4287	48.8358	-0.8920	1.99622
-2.80	1.9756	13.2831	15.2587	47.7656	-0.6948	1.98556
-2.60	1.9601	13.1051	15.0652	46.6812	-0.4982	1.97237
-2.40	1.9397	12.8796	14.8193	45.5575	-0.3028	1.95467
-2.20	1.9122	12.5797	14.4919	44.3704	-0.1090	1.93030
-2.00	1.8756	12.1802	14.0559	43.0984	0.0827	1.89723
-1.80	1.8287	11.6633	13.4920	41.7281	0.2717	1.85395
-1.60	1.7713	11.0248	12.7962	40.2604	0.4578	1.80010
-1.40	1.7049	10.2789	11.9838	38.7138	0.6412	1.73687
-1.20	1.6322	9.4565	11.0887	37.1229	0.8223	1.66687
-1.00	1.5569	8.5984	10.1553	35.5305	1.0018	1.59359
-0.80	1.4827	7.7461	9.2288	33.9785	1.1806	1.52061
-0.60	1.4125	6.9344	8.3469	32.5004	1.3595	1.45094
-0.40	1.3483	6.1878	7.5361	31.1185	1.5393	1.38672
-0.20	1.2913	5.5201	6.8114	29.8433	1.7205	1.32917
0.0	1.2418	4.9364	6.1781	28.6766	1.9035	1.27877
0.20	1.1996	4.4352	5.6348	27.6137	2.0885	1.23545
0.40	1.1643	4.0114	5.1757	26.6458	2.2756	1.19878
0.60	1.1354	3.6576	4.7930	25.7628	2.4647	1.16817
0.80	1.1123	3.3660	4.4783	24.9538	2.6557	1.14297
1.00	1.0946	3.1290	4.2236	24.2089	2.8488	1.12260
1.20	1.0823	2.9403	4.0226	23.5192	3.0438	1.10656
1.40	1.0755	2.7956	3.8711	22.8778	3.2411	1.09460
1.60	1.0751	2.6937	3.7689	22.2811	3.4410	1.08690
1.80	1.0817	2.6410	3.7227	21.7320	3.6436	1.08465
2.00	1.0927	2.6675	3.7603	21.2578	3.8480	1.09298
2.20	1.0259	3.0778	4.1037	21.1687	4.0206	1.16999

T= 17800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.4419	22.0546	24.4964	67.4368	-2.7979	2.44390
-4.80	2.3480	20.2092	22.5572	64.4888	-2.6149	2.35023
-4.60	2.2639	18.5551	20.8190	61.7734	-2.4307	2.26626
-4.40	2.1927	17.1566	19.3493	59.3493	-2.2446	2.19524

T= 17800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.20	2.1355	16.0365	18.1720	57.2332	-2.0561	2.13831
-4.00	2.0916	15.1822	17.2738	55.4061	-1.8651	2.09482
-3.80	2.0591	14.5566	16.6157	53.8252	-1.6719	2.06286
-3.60	2.0354	14.1111	16.1465	52.4371	-1.4769	2.03989
-3.40	2.0179	13.7960	15.8139	51.1889	-1.2807	2.02331
-3.20	2.0042	13.5671	15.5714	50.0341	-1.0836	2.01075
-3.00	1.9921	13.3874	15.3795	48.9342	-0.8863	2.00010
-2.80	1.9796	13.2254	15.2050	47.8577	-0.6890	1.98946
-2.60	1.9648	13.0531	15.0179	46.7770	-0.4923	1.97697
-2.40	1.9458	12.8433	14.7891	45.6666	-0.2965	1.96064
-2.20	1.9203	12.5689	14.4892	44.5017	-0.1022	1.93835
-2.00	1.8864	12.2038	14.0902	43.2597	0.0900	1.90798
-1.80	1.8424	11.7276	13.5700	41.9246	0.2798	1.86781
-1.60	1.7879	11.1319	12.9198	40.4926	0.4668	1.81710
-1.40	1.7238	10.4250	12.1488	38.9768	0.6509	1.75657
-1.20	1.6527	9.6331	11.2858	37.4073	0.8326	1.68845
-1.00	1.5779	8.7943	10.3722	35.8246	1.0125	1.61603
-0.80	1.5032	7.9499	9.4531	34.2709	1.1914	1.54291
-0.60	1.4318	7.1365	8.5683	32.7820	1.3703	1.47229
-0.40	1.3658	6.3813	7.7471	31.3829	1.5498	1.40656
-0.20	1.3068	5.7006	7.0074	30.0872	1.7306	1.34720
0.0	1.2552	5.1018	6.3570	28.8987	1.9131	1.29489
0.20	1.2111	4.5851	5.7962	27.8145	2.0976	1.24969
0.40	1.1740	4.1465	5.3205	26.8269	2.2841	1.21128
0.60	1.1434	3.7791	4.9226	25.9263	2.4726	1.17912
0.80	1.1189	3.4756	4.5945	25.1021	2.6632	1.15259
1.00	1.0999	3.2286	4.3285	24.3444	2.8558	1.13111
1.20	1.0864	3.0317	4.1181	23.6443	3.0504	1.11421
1.40	1.0786	2.8807	3.9594	22.9951	3.2473	1.10166
1.60	1.0771	2.7750	3.8521	22.3932	3.4467	1.09369
1.80	1.0822	2.7217	3.8039	21.8430	3.6487	1.09174
2.00	1.0902	2.7555	3.8457	21.3764	3.8519	1.10184

T= 18000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.4884	22.7604	25.2487	68.3929	-2.7848	2.49052
-4.80	2.3916	20.8775	23.2691	65.3866	-2.6020	2.39398
-4.60	2.3024	19.1398	21.4421	62.5685	-2.4186	2.30486
-4.40	2.2247	17.6297	19.8544	60.0166	-2.2335	2.22740
-4.20	2.1607	16.3891	18.5498	57.7669	-2.0461	2.16372
-4.00	2.1106	15.4211	17.5317	55.8159	-1.8563	2.11397
-3.80	2.0729	14.6987	16.7716	54.1307	-1.6641	2.07675
-3.60	2.0452	14.1778	16.2230	52.6618	-1.4700	2.04973
-3.40	2.0249	13.8083	15.8332	51.3555	-1.2743	2.03028
-3.20	2.0094	13.5434	15.5528	50.1618	-1.0777	2.01587
-3.00	1.9963	13.3425	15.3388	49.0386	-0.8805	2.00424
-2.80	1.9836	13.1717	15.1552	47.9514	-0.6833	1.99336
-2.60	1.9693	13.0011	14.9704	46.8705	-0.4864	1.98131
-2.40	1.9513	12.8030	14.7544	45.7696	-0.2904	1.96609
-2.20	1.9276	12.5501	14.4777	44.6232	-0.0957	1.94561
-2.00	1.8961	12.2156	14.1117	43.4079	0.0971	1.91769
-1.80	1.8549	11.7772	13.6321	42.1055	0.2876	1.88045
-1.60	1.8033	11.2225	13.0258	40.7081	0.4753	1.83283
-1.40	1.7417	10.5549	12.2966	39.2239	0.6602	1.77510

T= 18000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.20	1.6723	9.7953	11.4676	37.6780	0.8426	1.70907
-1.00	1.5983	8.9785	10.5768	36.1082	1.0229	1.63779
-0.80	1.5234	8.1452	9.6686	34.5562	1.2021	1.56482
-0.60	1.4509	7.3331	8.7840	33.0594	1.3809	1.49350
-0.40	1.3834	6.5716	7.9551	31.6456	1.5602	1.42645
-0.20	1.3225	5.8799	7.2024	30.3311	1.7407	1.36541
0.0	1.2689	5.2674	6.5363	29.1222	1.9227	1.31126
0.20	1.2229	4.7361	5.9590	28.0176	2.1066	1.26423
0.40	1.1839	4.2833	5.4672	27.0108	2.2926	1.22410
0.60	1.1517	3.9028	5.0545	26.0928	2.4806	1.19039
0.80	1.1257	3.5876	4.7133	25.2536	2.6707	1.16253
1.00	1.1054	3.3307	4.4360	24.4831	2.8628	1.13994
1.20	1.0907	3.1257	4.2164	23.7727	3.0570	1.12217
1.40	1.0818	2.9686	4.0504	23.1155	3.2534	1.10902
1.60	1.0791	2.8590	3.9381	22.5087	3.4523	1.10080
1.80	1.0827	2.8054	3.8880	21.9575	3.6538	1.09920
2.00	1.0873	2.8471	3.9344	21.4993	3.8556	1.11133

T= 18200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.5342	23.4400	25.9743	69.3278	-2.7721	2.53651
-4.80	2.4360	21.5470	23.9830	66.2905	-2.5893	2.43847
-4.60	2.3426	19.7475	22.0901	63.3910	-2.4062	2.34525
-4.40	2.2591	18.1399	20.3990	60.7244	-2.2220	2.26196
-4.20	2.1886	16.7847	18.9733	58.3457	-2.0358	2.19171
-4.00	2.1321	15.7019	17.8340	56.2686	-1.8471	2.13553
-3.80	2.0887	14.8774	16.9662	54.4727	-1.6560	2.09267
-3.60	2.0566	14.2736	16.3302	52.9149	-1.4628	2.06113
-3.40	2.0329	13.8424	15.8753	51.5422	-1.2678	2.03835
-3.20	2.0152	13.5348	15.5500	50.3028	-1.0716	2.02170
-3.00	2.0008	13.3074	15.3082	49.1507	-0.8747	2.00876
-2.80	1.9876	13.1232	15.1108	48.0481	-0.6776	1.99736
-2.60	1.9735	12.9504	14.9239	46.9632	-0.4807	1.98548
-2.40	1.9565	12.7602	14.7167	45.8680	-0.2845	1.97112
-2.20	1.9343	12.5249	14.4592	44.7366	-0.0894	1.95218
-2.00	1.9049	12.2173	14.1222	43.5447	0.1039	1.92647
-1.80	1.8664	11.8135	13.6799	42.2722	0.2951	1.89197
-1.60	1.8175	11.2980	13.1155	40.9080	0.4835	1.84735
-1.40	1.7585	10.6692	12.4277	39.4555	0.6692	1.79246
-1.20	1.6910	9.9431	11.6341	37.9349	0.8522	1.72871
-1.00	1.6180	9.1509	10.7689	36.3807	1.0331	1.65882
-0.80	1.5432	8.3315	9.8747	34.8335	1.2125	1.58626
-0.60	1.4699	7.5235	8.9934	33.3319	1.3914	1.51449
-0.40	1.4010	6.7583	8.1593	31.9059	1.5705	1.44633
-0.20	1.3383	6.0574	7.3957	30.5746	1.7506	1.38375
0.0	1.2828	5.4326	6.7154	29.3466	1.9322	1.32785
0.20	1.2348	4.8879	6.1227	28.2225	2.1157	1.27905
0.40	1.1941	4.4215	5.6155	27.1971	2.3011	1.23722
0.60	1.1602	4.0283	5.1885	26.2622	2.4886	1.20198
0.80	1.1326	3.7018	4.8344	25.4080	2.6782	1.17278
1.00	1.1110	3.4350	4.5461	24.6248	2.8698	1.14907
1.20	1.0951	3.2221	4.3172	23.9041	3.0635	1.13042
1.40	1.0851	3.0589	4.1449	23.2392	3.2595	1.11668
1.60	1.0811	2.9456	4.0267	22.6273	3.4580	1.10824

T = 18200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.80	1.0831	2.8918	3.9748	22.0754	3.6587	1.10705
2.00	1.0840	2.9421	4.0261	21.6263	3.8591	1.12147

T = 18400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.5788	24.0822	26.6610	70.2296	-2.7598	2.58121
-4.80	2.4805	22.2058	24.6862	67.1883	-2.5767	2.48307
-4.60	2.3841	20.3681	22.7523	64.2308	-2.3939	2.38693
-4.40	2.2956	18.6801	20.9756	61.4657	-2.2103	2.29860
-4.20	2.2189	17.2194	19.4382	58.9661	-2.0251	2.22214
-4.00	2.1559	16.0238	18.1797	56.7638	-1.8376	2.15951
-3.80	2.1067	15.0936	17.2003	54.8526	-1.6476	2.11071
-3.60	2.0696	14.4006	16.4702	53.1985	-1.4553	2.07422
-3.40	2.0422	13.9002	15.9424	51.7517	-1.2611	2.04766
-3.20	2.0218	13.5434	15.5652	50.4593	-1.0654	2.02837
-3.00	2.0059	13.2838	15.2896	49.2724	-0.8689	2.01377
-2.80	1.9919	13.0815	15.0734	48.1496	-0.6719	2.00154
-2.60	1.9777	12.9024	14.8802	47.0565	-0.4750	1.98959
-2.40	1.9613	12.7164	14.6777	45.9634	-0.2786	1.97584
-2.20	1.9404	12.4950	14.4354	44.8434	-0.0833	1.95819
-2.00	1.9129	12.2105	14.1235	43.6714	0.1105	1.93443
-1.80	1.8768	11.8382	13.7150	42.4260	0.3022	1.90247
-1.60	1.8307	11.3594	13.1901	41.0933	0.4914	1.86072
-1.40	1.7742	10.7686	12.5429	39.6721	0.6778	1.80869
-1.20	1.7088	10.0768	11.7857	38.1781	0.8615	1.74733
-1.00	1.6371	9.3111	10.9482	36.6418	1.0429	1.67905
-0.80	1.5625	8.5083	10.0708	35.1023	1.2226	1.60718
-0.60	1.4886	7.7072	9.1958	33.5987	1.4016	1.53519
-0.40	1.4185	6.9406	8.3591	32.1630	1.5806	1.46612
-0.20	1.3542	6.2325	7.5867	30.8169	1.7605	1.40215
0.0	1.2968	5.5970	6.8939	29.5713	1.9417	1.34462
0.20	1.2469	5.0399	6.2868	28.4287	2.1247	1.29410
0.40	1.2044	4.5607	5.7651	27.3854	2.3096	1.25062
0.60	1.1688	4.1554	5.3242	26.4339	2.4966	1.21385
0.80	1.1398	3.8178	4.9576	25.5651	2.6856	1.18331
1.00	1.1168	3.5415	4.6583	24.7695	2.8768	1.15848
1.20	1.0997	3.3207	4.4204	24.0385	3.0701	1.13896
1.40	1.0884	3.1516	4.2400	23.3658	3.2656	1.12463
1.60	1.0832	3.0346	4.1178	22.7490	3.4635	1.11598
1.80	1.0834	2.9808	4.0642	22.1965	3.6636	1.11528
2.00	1.0802	3.0404	4.1206	21.7572	3.8623	1.13225

T = 18500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.6005	24.3862	26.9866	70.6649	-2.7538	2.60290
-4.80	2.5025	22.5276	25.0302	67.6314	-2.5704	2.50522
-4.60	2.4052	20.6800	23.0852	64.6540	-2.3877	2.40809
-4.40	2.3145	18.9588	21.2733	61.8464	-2.2044	2.31758
-4.20	2.2348	17.4498	19.6846	59.2904	-2.0196	2.23820
-4.00	2.1687	16.1994	18.3681	57.0267	-1.8326	2.17239
-3.80	2.1164	15.2158	17.3322	55.0570	-1.6432	2.12054
-3.60	2.0768	14.4761	16.5529	53.3523	-1.4514	2.08144
-3.40	2.0473	13.9387	15.9860	51.8656	-1.2576	2.05283

T= 18500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.20	2.0255	13.5546	15.5801	50.5440	-1.0623	2.03205
-3.00	2.0086	13.2767	15.2853	49.3373	-0.8659	2.01649
-2.80	1.9941	13.0636	15.0577	48.2026	-0.6691	2.00374
-2.60	1.9798	12.8799	14.8597	47.1038	-0.4722	1.99165
-2.40	1.9636	12.6945	14.6581	46.0104	-0.2758	1.97811
-2.20	1.9433	12.4787	14.4220	44.8947	-0.0803	1.96101
-2.00	1.9167	12.2046	14.1212	43.7316	0.1137	1.93814
-1.80	1.8817	11.8466	13.7283	42.4986	0.3057	1.90736
-1.60	1.8368	11.3853	13.2221	41.1807	0.4952	1.86700
-1.40	1.7817	10.8130	12.5947	39.7750	0.6820	1.81638
-1.20	1.7174	10.1385	11.8559	38.2945	0.8660	1.75625
-1.00	1.6463	9.3866	11.0329	36.7679	1.0477	1.68886
-0.80	1.5720	8.5930	10.1650	35.2333	1.2276	1.61741
-0.60	1.4979	7.7962	9.2941	33.7298	1.4067	1.54542
-0.40	1.4272	7.0299	8.4571	32.2902	1.5857	1.47596
-0.20	1.3621	6.3190	7.6812	30.9373	1.7654	1.41137
0.0	1.3039	5.6787	6.9827	29.6835	1.9464	1.35306
0.20	1.2531	5.1158	6.3689	28.5321	2.1291	1.30171
0.40	1.2096	4.6305	5.8402	27.4802	2.3138	1.25741
0.60	1.1732	4.2194	5.3926	26.5206	2.5005	1.21988
0.80	1.1434	3.8764	5.0198	25.6445	2.6894	1.18868
1.00	1.1197	3.5955	4.7152	24.8427	2.8803	1.16329
1.20	1.1020	3.3708	4.4727	24.1067	3.0733	1.14334
1.40	1.0901	3.1987	4.2888	23.4301	3.2687	1.12871
1.60	1.0843	3.0800	4.1642	22.8110	3.4663	1.11997
1.80	1.0835	3.0261	4.1097	22.2581	3.6660	1.11953
2.00	1.0782	3.0906	4.1687	21.8240	3.8639	1.13789

T= 18600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.6216	24.6773	27.2989	71.0884	-2.7479	2.62407
-4.80	2.5244	22.8426	25.3671	68.0687	-2.5643	2.52717
-4.60	2.4264	20.9912	23.4176	65.0775	-2.3815	2.42936
-4.40	2.3337	19.2419	21.5757	62.2325	-2.1984	2.33693
-4.20	2.2513	17.6879	19.9393	59.6233	-2.0140	2.25479
-4.00	2.1821	16.3844	18.5665	57.2995	-1.8276	2.18584
-3.80	2.1268	15.3473	17.4741	55.2708	-1.6388	2.13093
-3.60	2.0844	14.5599	16.6443	53.5143	-1.4475	2.08913
-3.40	2.0528	13.9838	16.0366	51.9859	-1.2541	2.05836
-3.20	2.0294	13.5709	15.6003	50.6333	-1.0591	2.03600
-3.00	2.0115	13.2732	15.2847	49.4054	-0.8630	2.01937
-2.80	1.9964	13.0480	15.0444	48.2574	-0.6662	2.00603
-2.60	1.9819	12.8585	14.8405	47.1518	-0.4694	1.99372
-2.40	1.9659	12.6729	14.6388	46.0571	-0.2729	1.98033
-2.20	1.9461	12.4617	14.4078	44.9450	-0.0773	1.96372
-2.00	1.9203	12.1970	14.1173	43.7898	0.1169	1.94168
-1.80	1.8864	11.8526	13.7390	42.5686	0.3091	1.91204
-1.60	1.8428	11.4081	13.2509	41.2650	0.4990	1.87302
-1.40	1.7889	10.8541	12.6430	39.8744	0.6861	1.82380
-1.20	1.7257	10.1968	11.9225	38.4076	0.8705	1.76493
-1.00	1.6553	9.4590	11.1144	36.8912	1.0524	1.69845
-0.80	1.5813	8.6752	10.2565	35.3621	1.2325	1.62750
-0.60	1.5071	7.8834	9.3905	33.8592	1.4117	1.55555
-0.40	1.4359	7.1179	8.5539	32.4164	1.5906	1.48577

T= 18600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.20	1.3701	6.4047	7.7748	31.0574	1.7703	1.42058
0.0	1.3110	5.7601	7.0711	29.7957	1.9511	1.36152
0.20	1.2592	5.1916	6.4509	28.6358	2.1336	1.30936
0.40	1.2149	4.7005	5.9154	27.5753	2.3180	1.26426
0.60	1.1776	4.2836	5.4613	26.6078	2.5045	1.22598
0.80	1.1470	3.9354	5.0825	25.7246	2.6931	1.19411
1.00	1.1227	3.6499	4.7726	24.9166	2.8838	1.16817
1.20	1.1043	3.4213	4.5256	24.1756	3.0766	1.14778
1.40	1.0919	3.2463	4.3382	23.4951	3.2717	1.13286
1.60	1.0853	3.1259	4.2112	22.8736	3.4691	1.12403
1.80	1.0837	3.0721	4.1558	22.3205	3.6684	1.12387
2.00	1.0760	3.1414	4.2174	21.8917	3.8653	1.14368

T= 18800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.6620	25.2180	27.8800	71.8958	-2.7366	2.66461
-4.80	2.5673	23.4475	26.0148	68.9210	-2.5524	2.57019
-4.60	2.4689	21.6063	24.0752	65.9203	-2.3693	2.47199
-4.40	2.3731	19.8167	22.1899	63.0161	-2.1865	2.37651
-4.20	2.2858	18.1841	20.4699	60.3112	-2.0028	2.28938
-4.00	2.2105	16.7803	18.9908	57.8727	-1.8174	2.21442
-3.80	2.1490	15.6376	17.7866	55.7268	-1.6296	2.15335
-3.60	2.1011	14.7525	16.8535	53.8636	-1.4394	2.10595
-3.40	2.0650	14.0946	16.1596	52.2469	-1.2469	2.07057
-3.20	2.0381	13.6191	15.6573	50.8270	-1.0526	2.04472
-3.00	2.0178	13.2774	15.2952	49.5515	-0.8570	2.02570
-2.80	2.0013	13.0241	15.0255	48.3729	-0.6605	2.01091
-2.60	1.9863	12.8200	14.8063	47.2506	-0.4638	1.99798
-2.40	1.9704	12.6310	14.6013	46.1505	-0.2673	1.98470
-2.20	1.9513	12.4265	14.3779	45.0429	-0.0715	1.96889
-2.00	1.9270	12.1779	14.1049	43.9010	0.1230	1.94832
-1.80	1.8951	11.8583	13.7534	42.7010	0.3158	1.92077
-1.60	1.8540	11.4454	13.2994	41.4245	0.5063	1.88432
-1.40	1.8026	10.9265	12.7291	40.0633	0.6941	1.83785
-1.20	1.7416	10.3035	12.0451	38.6239	0.8791	1.78152
-1.00	1.6729	9.5948	11.2677	37.1289	1.0616	1.71700
-0.80	1.5996	8.8319	10.4315	35.6124	1.2422	1.64718
-0.60	1.5252	8.0519	9.5771	34.1129	1.4215	1.57550
-0.40	1.4532	7.2898	8.7430	32.6652	1.6005	1.50522
-0.20	1.3860	6.5735	7.9594	31.2955	1.7799	1.43897
0.0	1.3252	5.9213	7.2465	30.0193	1.9604	1.37851
0.20	1.2717	5.3428	6.6144	28.8432	2.1425	1.32478
0.40	1.2255	4.8406	6.0662	27.7664	2.3265	1.27811
0.60	1.1866	4.4127	5.5994	26.7834	2.5125	1.23836
0.80	1.1545	4.0544	5.2089	25.8862	2.7005	1.20517
1.00	1.1287	3.7598	4.8885	25.0662	2.8908	1.17811
1.20	1.1091	3.5238	4.6328	24.3151	3.0831	1.15685
1.40	1.0954	3.3431	4.4384	23.6271	3.2777	1.14136
1.60	1.0875	3.2191	4.3066	23.0008	3.4746	1.13237
1.80	1.0838	3.1655	4.2494	22.4473	3.6731	1.13283
2.00	1.0713	3.2450	4.3163	22.0294	3.8681	1.15575

T= 19000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.6998	25.6993	28.3991	72.6465	-2.7259	2.70248
-4.80	2.6087	24.0118	26.6205	69.7365	-2.5408	2.61164
-4.60	2.5110	22.2038	24.7148	66.7495	-2.3574	2.51428
-4.40	2.4133	20.3955	22.8088	63.8076	-2.1746	2.41688
-4.20	2.3218	18.7011	21.0229	61.0233	-1.9914	2.32559
-4.00	2.2409	17.2072	19.4482	58.4794	-1.8068	2.24506
-3.80	2.1734	15.9627	18.1361	56.2190	-1.6201	2.17793
-3.60	2.1197	14.9783	17.0980	54.2467	-1.4310	2.12475
-3.40	2.0787	14.2339	16.3126	52.5361	-1.2395	2.08440
-3.20	2.0480	13.6898	15.7378	51.0421	-1.0459	2.05466
-3.00	2.0249	13.2980	15.3229	49.7127	-0.8508	2.03286
-2.80	2.0067	13.0114	15.0182	48.4980	-0.6548	2.01630
-2.60	1.9908	12.7881	14.7789	47.3542	-0.4582	2.00246
-2.40	1.9748	12.5919	14.5666	46.2448	-0.2617	1.98903
-2.20	1.9563	12.3906	14.3469	45.1383	-0.0658	1.97377
-2.00	1.9332	12.1547	14.0879	44.0066	0.1290	1.95444
-1.80	1.9032	11.8566	13.7598	42.8248	0.3222	1.92876
-1.60	1.8643	11.4724	13.3367	41.5728	0.5133	1.89470
-1.40	1.8154	10.9868	12.8022	40.2395	0.7017	1.85088
-1.20	1.7566	10.3975	12.1541	38.8274	0.8874	1.79711
-1.00	1.6896	9.7186	11.4082	37.3548	1.0705	1.73467
-0.80	1.6172	8.9782	10.5955	35.8529	1.2515	1.66618
-0.60	1.5430	8.2121	9.7551	34.3592	1.4311	1.59498
-0.40	1.4702	7.4556	8.9259	32.9091	1.6101	1.52441
-0.20	1.4018	6.7382	8.1400	31.5306	1.7894	1.45727
0.0	1.3394	6.0801	7.4195	30.2416	1.9697	1.39553
0.20	1.2842	5.4928	6.7770	29.0506	2.1514	1.34033
0.40	1.2363	4.9806	6.2169	27.9583	2.3349	1.29214
0.60	1.1958	4.5424	5.7381	26.9604	2.5204	1.25094
0.80	1.1621	4.1743	5.3364	26.0496	2.7080	1.21645
1.00	1.1349	3.8710	5.0059	25.2178	2.8977	1.18829
1.20	1.1139	3.6277	4.7416	24.4569	3.0896	1.16616
1.40	1.0989	3.4414	4.5404	23.7614	3.2837	1.15011
1.60	1.0896	3.3141	4.4038	23.1303	3.4800	1.14098
1.80	1.0840	3.2608	4.3448	22.5765	3.6778	1.14212
2.00	1.0661	3.3506	4.4166	22.1698	3.8705	1.16844

T= 19200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.7347	26.1185	28.8532	73.3371	-2.7158	2.73744
-4.80	2.6480	24.5289	27.1769	70.5077	-2.5298	2.65107
-4.60	2.5523	22.7747	25.3270	67.5560	-2.3458	2.55572
-4.40	2.4538	20.9693	23.4232	64.5980	-2.1629	2.45756
-4.20	2.3590	19.2315	21.5905	61.7523	-1.9800	2.36304
-4.00	2.2732	17.6602	19.9334	59.1148	-1.7961	2.27754
-3.80	2.1999	16.3199	18.5198	56.7452	-1.6103	2.20458
-3.60	2.1404	15.2368	17.3772	54.6633	-1.4222	2.14554
-3.40	2.0941	14.4025	16.4966	52.8545	-1.2317	2.09994
-3.20	2.0592	13.7842	15.8434	51.2803	-1.0390	2.06594
-3.00	2.0330	13.3364	15.3695	49.8906	-0.8446	2.04098
-2.80	2.0127	13.0112	15.0239	48.6340	-0.6489	2.02229
-2.60	1.9956	12.7642	14.7598	47.4641	-0.4526	2.00724
-2.40	1.9792	12.5568	14.5360	46.3414	-0.2562	1.99341
-2.20	1.9611	12.3551	14.3163	45.2324	-0.0602	1.97847

T= 19200

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.00	1.9390	12.1286	14.0676	44.1076	0.1349	1.96013
-1.80	1.9106	11.8488	13.7594	42.9411	0.3285	1.93610
-1.60	1.8738	11.4905	13.3644	41.7112	0.5200	1.90424
-1.40	1.8273	11.0361	12.8633	40.4041	0.7091	1.86296
-1.20	1.7708	10.4795	12.2503	39.0187	0.8955	1.81173
-1.00	1.7056	9.8307	11.5362	37.5692	1.0792	1.75146
-0.80	1.6343	9.1142	10.7484	36.0836	1.2606	1.68447
-0.60	1.5603	8.3639	9.9241	34.5977	1.4405	1.61395
-0.40	1.4871	7.6151	9.1021	33.1474	1.6196	1.54329
-0.20	1.4175	6.8984	8.3159	31.7622	1.7988	1.47543
0.0	1.3537	6.2360	7.5898	30.4621	1.9788	1.41254
0.20	1.2968	5.6413	6.9381	29.2573	2.1602	1.35596
0.40	1.2472	5.1199	6.3672	28.1505	2.3432	1.30631
0.60	1.2050	4.6722	5.8772	27.1384	2.5283	1.26371
0.80	1.1698	4.2948	5.4647	26.2146	2.7154	1.22794
1.00	1.1412	3.9833	5.1245	25.3712	2.9047	1.19869
1.20	1.1189	3.7329	4.8518	24.6007	3.0961	1.17570
1.40	1.1026	3.5413	4.6438	23.8977	3.2897	1.15909
1.60	1.0918	3.4107	4.5025	23.2621	3.4854	1.14986
1.80	1.0840	3.3576	4.4416	22.7079	3.6823	1.15173
2.00	1.0603	3.4577	4.5180	22.3126	3.8727	1.18172

T= 19400

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.7666	26.4753	29.2419	73.9664	-2.7063	2.76937
-4.80	2.6850	24.9942	27.6792	71.2296	-2.5193	2.68816
-4.60	2.5923	23.3117	25.9040	68.3317	-2.3345	2.59586
-4.40	2.4942	21.5299	24.0241	65.3788	-2.1513	2.49808
-4.20	2.3971	19.7677	22.1648	62.4905	-1.9685	2.40134
-4.00	2.3070	18.1334	20.4404	59.7734	-1.7851	2.31158
-3.80	2.2282	16.7059	18.9342	57.3023	-1.6002	2.23315
-3.60	2.1629	15.5267	17.6897	55.1126	-1.4132	2.16829
-3.40	2.1112	14.6006	16.7118	53.2028	-1.2237	2.11725
-3.20	2.0718	13.9036	15.9753	51.5431	-1.0319	2.07865
-3.00	2.0421	13.3942	15.4363	50.0868	-0.8381	2.05015
-2.80	2.0194	13.0249	15.0443	48.7826	-0.6430	2.02899
-2.60	2.0008	12.7495	14.7503	47.5815	-0.4470	2.01243
-2.40	1.9838	12.5269	14.5107	46.4414	-0.2507	1.99792
-2.20	1.9658	12.3213	14.2871	45.3264	-0.0547	1.98305
-2.00	1.9445	12.1008	14.0453	44.2053	0.1406	1.96548
-1.80	1.9175	11.8361	13.7536	43.0511	0.3345	1.94289
-1.60	1.8826	11.5009	13.3835	41.8407	0.5266	1.91303
-1.40	1.8383	11.0753	12.9137	40.5579	0.7162	1.87414
-1.20	1.7841	10.5502	12.3343	39.1984	0.9032	1.82541
-1.00	1.7207	9.9314	11.6521	37.7723	1.0875	1.76737
-0.80	1.6507	9.2398	10.8904	36.3043	1.2695	1.70202
-0.60	1.5771	8.5069	10.0841	34.8282	1.4497	1.63238
-0.40	1.5036	7.7678	9.2714	33.3798	1.6289	1.56182
-0.20	1.4331	7.0538	8.4869	31.9899	1.8081	1.49341
0.0	1.3679	6.3888	7.7567	30.6802	1.9879	1.42950
0.20	1.3094	5.7879	7.0973	29.4631	2.1689	1.37164
0.40	1.2582	5.2584	6.5165	28.3427	2.3516	1.32061
0.60	1.2144	4.8018	6.0162	27.3171	2.5362	1.27664
0.80	1.1776	4.4158	5.5934	26.3806	2.7228	1.23962

T= 19400						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
1.00	1.1476	4.0963	5.2439	25.5260	2.9116	1.20928
1.20	1.1239	3.8392	4.9631	24.7461	3.1025	1.18545
1.40	1.1063	3.6423	4.7485	24.0359	3.2957	1.16830
1.60	1.0940	3.5085	4.6025	23.3957	3.4908	1.15898
1.80	1.0840	3.4556	4.5395	22.8412	3.6868	1.16163
2.00	1.0541	3.5659	4.6200	22.4571	3.8747	1.19556

T= 19500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	2.7814	26.6307	29.4121	74.2583	-2.7017	2.78419
-4.80	2.7025	25.2064	27.9089	71.5708	-2.5142	2.70575
-4.60	2.6117	23.5653	26.1770	68.7059	-2.3290	2.61531
-4.40	2.5141	21.8028	24.3169	65.7630	-2.1456	2.51814
-4.20	2.4164	20.0356	22.4519	62.8607	-1.9628	2.42067
-4.00	2.3244	18.3756	20.7001	60.1095	-1.7796	2.32909
-3.80	2.2431	16.9084	19.1515	57.5912	-1.5951	2.24810
-3.60	2.1749	15.6828	17.8578	55.3489	-1.4085	2.18039
-3.40	2.1205	14.7106	16.8311	53.3882	-1.2195	2.12658
-3.20	2.0786	13.9728	16.0514	51.6840	-1.0282	2.08557
-3.00	2.0471	13.4308	15.4778	50.1923	-0.8348	2.05517
-2.80	2.0230	13.0374	15.0604	48.8621	-0.6400	2.03263
-2.60	2.0036	12.7459	14.7496	47.6436	-0.4442	2.01520
-2.40	1.9862	12.5142	14.5004	46.4931	-0.2479	2.00025
-2.20	1.9682	12.3053	14.2735	45.3737	-0.0519	1.98532
-2.00	1.9471	12.0866	14.0337	44.2533	0.1434	1.96806
-1.80	1.9207	11.8283	13.7490	43.1041	0.3375	1.94609
-1.60	1.8868	11.5035	13.3903	41.9024	0.5297	1.91716
-1.40	1.8435	11.0915	12.9351	40.6311	0.7197	1.87942
-1.20	1.7904	10.5816	12.3720	39.2841	0.9070	1.83191
-1.00	1.7280	9.9776	11.7057	37.8698	1.0916	1.77500
-0.80	1.6586	9.2987	10.9573	36.4109	1.2738	1.71051
-0.60	1.5854	8.5752	10.1605	34.9403	1.4542	1.64137
-0.40	1.5117	7.8415	9.3532	33.4937	1.6335	1.57093
-0.20	1.4408	7.1295	8.5703	32.1020	1.8126	1.50231
0.0	1.3750	6.4638	7.8388	30.7882	1.9923	1.43795
0.20	1.3158	5.8603	7.1761	29.5655	2.1732	1.37948
0.40	1.2638	5.3271	6.5909	28.4387	2.3557	1.32778
0.60	1.2191	4.8664	6.0855	27.4066	2.5401	1.28315
0.80	1.1816	4.4763	5.6579	26.4640	2.7265	1.24551
1.00	1.1508	4.1530	5.3039	25.6039	2.9150	1.21465
1.20	1.1265	3.8926	5.0191	24.8194	3.1058	1.19040
1.40	1.1081	3.6931	4.8013	24.1056	3.2986	1.17298
1.60	1.0951	3.5577	4.6528	23.4631	3.4935	1.16362
1.80	1.0839	3.5049	4.5888	22.9085	3.6890	1.16669
2.00	1.0508	3.6202	4.6710	22.5299	3.8756	1.20267

T= 19600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.7954	26.7711	29.5666	74.5353	-2.6973	2.79826
-4.80	2.7194	25.4047	28.1241	71.8986	-2.5093	2.72267
-4.60	2.6306	23.8083	26.4389	69.0700	-2.3237	2.63429
-4.40	2.5339	22.0694	24.6034	66.1418	-2.1400	2.53798
-4.20	2.4356	20.3021	22.7378	63.2304	-1.9571	2.44007

T= 19600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	2.3421	18.6206	20.9627	60.4491	-1.7741	2.34687
-3.80	2.2583	17.1164	19.3748	57.8862	-1.5900	2.26346
-3.60	2.1874	15.8460	18.0333	55.5926	-1.4038	2.19296
-3.40	2.1302	14.8278	16.9580	53.5809	-1.2153	2.13636
-3.20	2.0859	14.0485	16.1344	51.8314	-1.0245	2.09288
-3.00	2.0523	13.4726	15.5249	50.3029	-0.8315	2.06049
-2.80	2.0269	13.0539	15.0808	48.9453	-0.6369	2.03650
-2.60	2.0065	12.7452	14.7517	47.7080	-0.4413	2.01811
-2.40	1.9886	12.5032	14.4918	46.5462	-0.2452	2.00264
-2.20	1.9705	12.2901	14.2606	45.4214	-0.0492	1.98760
-2.00	1.9497	12.0724	14.0221	44.3009	0.1462	1.97058
-1.80	1.9239	11.8197	13.7435	43.1560	0.3404	1.94919
-1.60	1.8907	11.5047	13.3954	41.9624	0.5329	1.92113
-1.40	1.8486	11.1056	12.9542	40.7020	0.7231	1.88450
-1.20	1.7965	10.6105	12.4070	39.3672	0.9107	1.83819
-1.00	1.7351	10.0213	11.7564	37.9645	1.0956	1.78241
-0.80	1.6664	9.3551	11.0216	36.5150	1.2780	1.71881
-0.60	1.5935	8.6412	10.2347	35.0504	1.4586	1.65021
-0.40	1.5198	7.9134	9.4332	33.6059	1.6380	1.57994
-0.20	1.4485	7.2039	8.6524	32.2131	1.8172	1.51114
0.0	1.3821	6.5378	7.9199	30.8955	1.9968	1.44637
0.20	1.3221	5.9321	7.2542	29.6674	2.1775	1.38733
0.40	1.2693	5.3955	6.6648	28.5345	2.3598	1.33498
0.60	1.2238	4.9309	6.1547	27.4961	2.5440	1.28969
0.80	1.1856	4.5368	5.7224	26.5475	2.7302	1.25145
1.00	1.1541	4.2098	5.3639	25.6821	2.9185	1.22006
1.20	1.1290	3.9462	5.0752	24.8930	3.1090	1.19539
1.40	1.1100	3.7442	4.8542	24.1757	3.3016	1.17771
1.60	1.0962	3.6072	4.7034	23.5309	3.4961	1.16831
1.80	1.0839	3.5544	4.6383	22.9760	3.6912	1.17181
2.00	1.0474	3.6746	4.7220	22.6030	3.8764	1.20991

T= 19800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.8213	27.0090	29.8302	75.0462	-2.6889	2.82417
-4.80	2.7511	25.7594	28.5105	72.5130	-2.4998	2.75444
-4.60	2.6669	24.2602	26.9271	69.7659	-2.3133	2.67070
-4.40	2.5726	22.5810	25.1536	66.8801	-2.1290	2.57686
-4.20	2.4742	20.8274	23.3016	63.9644	-1.9459	2.47882
-4.00	2.3781	19.1155	21.4935	61.1355	-1.7631	2.38307
-3.80	2.2899	17.5468	19.8367	58.4925	-1.5795	2.29529
-3.60	2.2136	16.1917	18.4053	56.1010	-1.3942	2.21942
-3.40	2.1509	15.0832	17.2341	53.9881	-1.2067	2.15726
-3.20	2.1015	14.2195	16.3210	52.1458	-1.0168	2.10869
-3.00	2.0638	13.5725	15.6363	50.5401	-0.8247	2.07208
-2.80	2.0352	13.0993	15.1346	49.1235	-0.6307	2.04491
-2.60	2.0128	12.7526	14.7653	47.8448	-0.4355	2.02437
-2.40	1.9937	12.4870	14.4807	46.6568	-0.2397	2.00767
-2.20	1.9752	12.2627	14.2379	45.5187	-0.0437	1.99221
-2.00	1.9547	12.0445	13.9992	44.3954	0.1517	1.97549
-1.80	1.9299	11.8006	13.7305	43.2569	0.3462	1.95509
-1.60	1.8983	11.5029	13.4013	42.0775	0.5390	1.92864
-1.40	1.8581	11.1280	12.9861	40.8372	0.7297	1.89410
-1.20	1.8082	10.6611	12.4693	39.5258	0.9179	1.85013

T= 19800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	1.7487	10.1008	11.8495	38.1462	1.1034	1.79660
-0.80	1.6815	9.4606	11.1421	36.7159	1.2864	1.73485
-0.60	1.6093	8.7667	10.3760	35.2642	1.4673	1.66744
-0.40	1.5356	8.0518	9.5875	33.8253	1.6470	1.59762
-0.20	1.4637	7.3484	8.8121	32.4314	1.8261	1.52861
0.0	1.3962	6.6828	8.0791	31.1076	2.0056	1.46310
0.20	1.3348	6.0736	7.4084	29.8698	2.1861	1.40299
0.40	1.2804	5.5310	6.8114	28.7254	2.3680	1.34940
0.60	1.2334	5.0592	6.2925	27.6751	2.5518	1.30285
0.80	1.1936	4.6576	5.8512	26.7150	2.7375	1.26341
1.00	1.1607	4.3235	5.4842	25.8391	2.9254	1.23098
1.20	1.1342	4.0537	5.1879	25.0411	3.1154	1.20550
1.40	1.1138	3.8467	4.9606	24.3168	3.3075	1.18730
1.60	1.0984	3.7067	4.8052	23.6675	3.5014	1.17785
1.80	1.0837	3.6539	4.7376	23.1121	3.6956	1.18223
2.00	1.0402	3.7833	4.8236	22.7496	3.8778	1.22472

T= 20000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.8443	27.1930	30.0373	75.5026	-2.6810	2.84723
-4.80	2.7800	26.0592	28.8392	73.0732	-2.4909	2.78344
-4.60	2.7009	24.6642	27.3651	70.4157	-2.3035	2.70484
-4.40	2.6099	23.0590	25.6690	67.5874	-2.1183	2.61434
-4.20	2.5124	21.3368	23.8492	64.6857	-1.9349	2.51719
-4.00	2.4146	19.6115	22.0261	61.8262	-1.7521	2.41982
-3.80	2.3228	17.9919	20.3146	59.1161	-1.5690	2.32838
-3.60	2.2415	16.5608	18.8023	56.6346	-1.3844	2.24753
-3.40	2.1733	15.3653	17.5386	54.4232	-1.1979	2.17991
-3.20	2.1187	14.4163	16.5351	52.4865	-1.0089	2.12612
-3.00	2.0766	13.6948	15.7714	50.7994	-0.8176	2.08501
-2.80	2.0445	13.1624	15.2069	49.3185	-0.6244	2.05433
-2.60	2.0197	12.7727	14.7924	47.9932	-0.4297	2.03131
-2.40	1.9991	12.4793	14.4784	46.7746	-0.2341	2.01308
-2.20	1.9800	12.2401	14.2201	45.6192	-0.0383	1.99694
-2.00	1.9596	12.0180	13.9776	44.4898	0.1572	1.98030
-1.80	1.9356	11.7800	13.7156	43.3548	0.3518	1.96067
-1.60	1.9054	11.4968	13.4021	42.1868	0.5450	1.93562
-1.40	1.8670	11.1434	13.0104	40.9645	0.7362	1.90300
-1.20	1.8191	10.7030	12.5221	39.6750	0.9249	1.86126
-1.00	1.7616	10.1706	11.9322	38.3179	1.1109	1.80997
-0.80	1.6959	9.5563	11.2522	36.9072	1.2944	1.75013
-0.60	1.6246	8.8833	10.5079	35.4695	1.4758	1.68404
-0.40	1.5511	8.1828	9.7339	34.0379	1.6557	1.61483
-0.20	1.4787	7.4871	8.9658	32.6446	1.8349	1.54577
0.0	1.4102	6.8235	8.2337	31.3161	2.0143	1.47966
0.20	1.3474	6.2120	7.5594	30.0700	2.1945	1.41858
0.40	1.2916	5.6645	6.9560	28.9151	2.3761	1.36384
0.60	1.2430	5.1862	6.4292	27.8536	2.5595	1.31608
0.80	1.2017	4.7778	5.9794	26.8826	2.7448	1.27549
1.00	1.1673	4.4370	5.6044	25.9967	2.9322	1.24204
1.20	1.1395	4.1613	5.3008	25.1901	3.1217	1.21575
1.40	1.1177	3.9497	5.0674	24.4589	3.3134	1.19705
1.60	1.1007	3.8066	4.9073	23.8052	3.5067	1.18756
1.80	1.0835	3.7535	4.8371	23.2489	3.6999	1.19286

T= 20000

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.0326	3.8916	4.9242	22.8964	3.8790	1.23993

T= 20500

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.8908	27.4503	30.3411	76.4350	-2.6632	2.89382
-4.80	2.8406	26.5836	29.4242	74.2481	-2.4708	2.84412
-4.60	2.7753	25.4586	28.2339	71.8295	-2.2809	2.77941
-4.40	2.6953	24.0808	26.7761	69.1916	-2.0936	2.70005
-4.20	2.6038	22.5026	25.1063	66.3929	-1.9086	2.60906
-4.00	2.5060	20.8164	23.3224	63.5302	-1.7253	2.51179
-3.80	2.4084	19.1337	21.5421	60.7161	-1.5425	2.41468
-3.60	2.3170	17.5595	19.8765	58.0543	-1.3593	2.32377
-3.40	2.2363	16.1726	18.4089	55.6195	-1.1747	2.24362
-3.20	2.1687	15.0166	17.1854	53.4498	-0.9880	2.17672
-3.00	2.1146	14.1001	16.2147	51.5475	-0.7990	2.12352
-2.80	2.0726	13.4028	15.4754	49.8865	-0.6077	2.08278
-2.60	2.0403	12.8862	14.9266	48.4233	-0.4145	2.05217
-2.40	2.0148	12.5043	14.5190	47.1078	-0.2200	2.02883
-2.20	1.9930	12.2109	14.2039	45.8918	-0.0248	2.00984
-2.00	1.9719	11.9644	13.9363	44.7323	0.1706	1.99235
-1.80	1.9489	11.7277	13.6766	43.5927	0.3655	1.97369
-1.60	1.9213	11.4683	13.3895	42.4419	0.5593	1.95126
-1.40	1.8867	11.1579	13.0446	41.2544	0.7515	1.92267
-1.20	1.8435	10.7747	12.6182	40.0119	0.9414	1.88596
-1.00	1.7907	10.3068	12.0976	38.7070	1.1288	1.84002
-0.80	1.7291	9.7559	11.4849	37.3453	1.3136	1.78506
-0.60	1.6605	9.1373	10.7978	35.9461	1.4960	1.72270
-0.40	1.5880	8.4774	10.0654	34.5382	1.6766	1.65563
-0.20	1.5149	7.8068	9.3217	33.1532	1.8561	1.58706
0.0	1.4444	7.1542	8.5986	31.8194	2.0354	1.52005
0.20	1.3787	6.5426	7.9213	30.5580	2.2152	1.45706
0.40	1.3194	5.9873	7.3066	29.3818	2.3961	1.39979
0.60	1.2671	5.4966	6.7638	28.2959	2.5786	1.34926
0.80	1.2221	5.0738	6.2959	27.3002	2.7629	1.30596
1.00	1.1842	4.7186	5.9028	26.3912	2.9492	1.27010
1.20	1.1529	4.4295	5.5825	25.5643	3.1375	1.24188
1.40	1.1276	4.2068	5.3344	24.8167	3.3279	1.22197
1.60	1.1064	4.0562	5.1627	24.1519	3.5197	1.21245
1.80	1.0829	4.0016	5.0845	23.5927	3.7103	1.22012
2.00	1.0117	4.1574	5.1690	23.2615	3.8808	1.27939

T= 21000

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.9246	27.4855	30.4101	77.1325	-2.6477	2.92756
-4.80	2.8861	26.8351	29.7213	75.1437	-2.4535	2.88973
-4.60	2.8342	25.9603	28.7945	72.9512	-2.2613	2.83850
-4.40	2.7673	24.8328	27.6000	70.5333	-2.0717	2.77225
-4.20	2.6859	23.4621	26.1480	67.9066	-1.8847	2.69157
-4.00	2.5934	21.9037	24.4971	65.1323	-1.6999	2.59975
-3.80	2.4953	20.2505	22.7459	62.3075	-1.5167	2.50229
-3.60	2.3981	18.6118	21.0099	59.5422	-1.3339	2.40561
-3.40	2.3075	17.0878	19.3953	56.9351	-1.1506	2.31564
-3.20	2.2280	15.7521	17.9800	54.5556	-0.9659	2.23671

T= 21000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.00	2.1615	14.6436	16.8051	52.4370	-0.7790	2.17108
-2.80	2.1083	13.7671	15.8753	50.5779	-0.5899	2.11898
-2.60	2.0668	13.1003	15.1671	48.9502	-0.3985	2.07902
-2.40	2.0345	12.6041	14.6385	47.5099	-0.2053	2.04873
-2.20	2.0082	12.2324	14.2407	46.2076	-0.0110	2.02517
-2.00	1.9850	11.9400	13.9250	44.9958	0.1840	2.00531
-1.80	1.9616	11.6854	13.6471	43.8325	0.3788	1.98624
-1.60	1.9354	11.4323	13.3678	42.6819	0.5730	1.96516
-1.40	1.9037	11.1490	13.0527	41.5143	0.7658	1.93946
-1.20	1.8643	10.8097	12.6740	40.3071	0.9567	1.90686
-1.00	1.8159	10.3968	12.2127	39.0464	1.1453	1.86574
-0.80	1.7583	9.9045	11.6628	37.7308	1.3313	1.81559
-0.60	1.6929	9.3407	11.0336	36.3722	1.5148	1.75730
-0.40	1.6221	8.7256	10.3477	34.9937	1.6963	1.69303
-0.20	1.5492	8.0867	9.6358	33.6246	1.8763	1.62577
0.0	1.4774	7.4525	8.9299	32.2937	2.0557	1.55865
0.20	1.4093	6.8479	8.2572	31.0247	2.2352	1.49442
0.40	1.3469	6.2910	7.5380	29.8334	2.4156	1.43517
0.60	1.2913	5.7932	7.0845	28.7285	2.5972	1.38228
0.80	1.2428	5.3601	6.6028	27.7122	2.7806	1.33655
1.00	1.2014	4.9933	6.1947	26.7829	2.9659	1.29845
1.20	1.1666	4.6931	5.8597	25.9377	3.1531	1.26842
1.40	1.1377	4.4605	5.5982	25.1748	3.3422	1.24739
1.60	1.1123	4.3025	5.4148	24.4988	3.5324	1.23788
1.80	1.0822	4.2443	5.3265	23.9347	3.7205	1.24795
2.00	0.9884	4.4116	5.4000	23.6189	3.8812	1.32020

T= 21500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.9493	27.3779	30.3272	77.6705	-2.6338	2.95226
-4.80	2.9198	26.8849	29.8047	75.8258	-2.4382	2.92343
-4.60	2.8794	26.2157	29.0951	73.8209	-2.2443	2.88371
-4.40	2.8252	25.3232	28.1484	71.6143	-2.0525	2.83035
-4.20	2.7560	24.1837	26.9397	69.1891	-1.8633	2.76198
-4.00	2.6727	22.8122	25.4849	66.5672	-1.6766	2.67953
-3.80	2.5791	21.2686	23.8476	63.8141	-1.4921	2.58664
-3.60	2.4807	19.6473	22.1280	61.0278	-1.3090	2.48899
-3.40	2.3840	18.0546	20.4387	58.3153	-1.1262	2.39300
-3.20	2.2947	16.5856	18.8804	55.7694	-0.9428	2.30438
-3.00	2.2167	15.3075	17.5242	53.4530	-0.7579	2.22716
-2.80	2.1518	14.2530	16.4048	51.3931	-0.5708	2.16331
-2.60	2.0999	13.4224	15.5223	49.5841	-0.3814	2.11275
-2.40	2.0592	12.7908	14.8499	47.9952	-0.1899	2.07386
-2.20	2.0269	12.3178	14.3447	46.5817	0.0033	2.04404
-2.00	1.9998	11.9577	13.9576	45.2946	0.1974	2.02023
-1.80	1.9748	11.6658	13.6406	44.0875	0.3920	1.99932
-1.60	1.9488	11.4016	13.3504	42.9197	0.5862	1.97830
-1.40	1.9188	11.1296	13.0485	41.7570	0.7795	1.95434
-1.20	1.8824	10.8203	12.7027	40.5722	0.9712	1.92486
-1.00	1.8378	10.4513	12.2891	39.3463	1.1607	1.88783
-0.80	1.7841	10.0106	11.7946	38.0713	1.3478	1.84216
-0.60	1.7219	9.4989	11.2208	36.7521	1.5324	1.78802
-0.40	1.6533	8.9299	10.5832	35.4058	1.7148	1.72698
-0.20	1.5812	8.3269	9.9080	34.0580	1.8954	1.66164

T= 21500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.0	1.5087	7.7168	9.2256	32.7365	2.0751	1.59509
0.20	1.4389	7.1252	8.5642	31.4664	2.2545	1.53026
0.40	1.3740	6.5725	7.9464	30.2662	2.4344	1.46957
0.60	1.3152	6.0723	7.3876	29.1472	2.6154	1.41473
0.80	1.2634	5.6328	6.8962	28.1142	2.7980	1.36688
1.00	1.2186	5.2576	6.4762	27.1678	2.9823	1.32676
1.20	1.1805	4.9483	6.1288	26.3063	3.1685	1.29505
1.40	1.1479	4.7071	5.8550	25.5292	3.3564	1.27296
1.60	1.1183	4.5416	5.6599	24.8419	3.5450	1.26346
1.80	1.0817	4.4777	5.5594	24.2708	3.7305	1.27582
2.00	0.9629	4.6511	5.6139	23.9650	3.8800	1.36185

T= 22000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.9684	27.1948	30.1632	78.1149	-2.6211	2.97128
-4.80	2.9450	26.8024	29.7474	76.3606	-2.4245	2.94858
-4.60	2.9134	26.2858	29.1992	74.4946	-2.2292	2.91776
-4.40	2.8704	25.5902	28.4606	72.4668	-2.0356	2.87564
-4.20	2.8134	24.6717	27.4851	70.2390	-1.8443	2.81959
-4.00	2.7414	23.5122	26.2537	67.8001	-1.6556	2.74859
-3.80	2.6559	22.1341	24.7901	65.1788	-1.4694	2.66402
-3.60	2.5609	20.6028	23.1637	62.4461	-1.2852	2.56993
-3.40	2.4624	19.0138	21.4762	59.7005	-1.1022	2.47221
-3.20	2.3666	17.4706	19.8372	57.0457	-0.9195	2.37721
-3.00	2.2790	16.0616	18.3406	54.5675	-0.7358	2.29038
-2.80	2.2030	14.8466	17.0496	52.3210	-0.5506	2.21537
-2.60	2.1401	13.8514	15.9915	50.3264	-0.3632	2.15372
-2.40	2.0897	13.0711	15.1608	48.5726	-0.1735	2.10503
-2.20	2.0498	12.4774	14.5272	47.0261	0.0181	2.06742
-2.00	2.0175	12.0289	14.0464	45.6414	0.2112	2.03810
-1.80	1.9894	11.6802	13.6696	44.3701	0.4051	2.01389
-1.60	1.9622	11.3872	13.3495	43.1673	0.5992	1.99161
-1.40	1.9329	11.1109	13.0438	41.9939	0.7926	1.96819
-1.20	1.8985	10.8176	12.7161	40.8182	0.9848	1.94079
-1.00	1.8569	10.4807	12.3376	39.6163	1.1752	1.90704
-0.80	1.8067	10.0828	11.8895	38.3745	1.3633	1.86531
-0.60	1.7479	9.6182	11.3661	37.0912	1.5489	1.81517
-0.40	1.6817	9.0942	10.7760	35.7773	1.7322	1.75753
-0.20	1.6109	8.5290	10.1399	34.4539	1.9135	1.69456
0.0	1.5384	7.9469	9.4853	33.1467	2.0935	1.62914
0.20	1.4673	7.3732	8.8405	31.8810	2.2730	1.56429
0.40	1.4002	6.8293	8.2295	30.6771	2.4526	1.50265
0.60	1.3388	6.3312	7.6700	29.5487	2.6331	1.44628
0.80	1.2839	5.8890	7.1729	28.5029	2.8150	1.39662
1.00	1.2359	5.5083	6.7442	27.5422	2.9984	1.35468
1.20	1.1944	5.1919	6.3864	26.6666	3.1836	1.32143
1.40	1.1584	4.9433	6.1016	25.8763	3.3703	1.29834
1.60	1.1246	4.7703	5.8949	25.1776	3.5574	1.28882
1.80	1.0814	4.6989	5.7803	24.5974	3.7404	1.30328
2.00	0.9344	4.8753	5.8097	24.2987	3.8770	1.40430

T= 22500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	2.9847	26.9923	29.9770	78.5212	-2.6089	2.98754
-4.80	2.9647	26.6479	29.6126	76.8067	-2.4118	2.96825
-4.60	2.9393	26.2311	29.1704	75.0303	-2.2156	2.94364
-4.40	2.9051	25.6850	28.5902	73.1381	-2.0207	2.91040
-4.20	2.8591	24.9559	27.8150	71.0812	-1.8276	2.86535
-4.00	2.7987	24.0041	26.8028	68.8261	-1.6369	2.80609
-3.80	2.7235	22.8188	25.5423	66.3689	-1.4487	2.73203
-3.60	2.6355	21.4308	24.0663	63.7466	-1.2630	2.64511
-3.40	2.5392	19.9114	22.4506	61.0355	-1.0791	2.54984
-3.20	2.4407	18.3574	20.7981	58.3350	-0.8963	2.45228
-3.00	2.3462	16.8679	19.2141	55.7436	-0.7135	2.35867
-2.80	2.2606	15.5240	17.7847	53.3395	-0.5296	2.27409
-2.60	2.1871	14.3770	16.5641	51.1689	-0.3440	2.20172
-2.40	2.1264	13.4451	15.5716	49.2444	-0.1562	2.14264
-2.20	2.0778	12.7176	14.7954	47.5492	0.0338	2.09605
-2.00	2.0387	12.1629	14.2016	46.0471	0.2255	2.05977
-1.80	2.0061	11.7386	13.7447	44.6916	0.4185	2.03083
-1.60	1.9766	11.3995	13.3761	43.4355	0.6121	2.00595
-1.40	1.9467	11.1030	13.0497	42.2356	0.8055	1.98186
-1.20	1.9134	10.8116	12.7250	41.0552	0.9980	1.95547
-1.00	1.8740	10.4947	12.3687	39.8659	1.1890	1.92409
-0.80	1.8268	10.1299	11.9567	38.6487	1.3779	1.88566
-0.60	1.7710	9.7058	11.4768	37.3959	1.5644	1.83917
-0.40	1.7075	9.2236	10.9311	36.1125	1.7485	1.78493
-0.20	1.6382	8.6960	10.3343	34.8145	1.9306	1.72457
0.0	1.5662	8.1441	9.7102	33.5247	2.1110	1.66070
0.20	1.4944	7.5915	9.0859	32.2676	2.2906	1.59630
0.40	1.4256	7.0604	8.4860	31.0643	2.4702	1.53418
0.60	1.3617	6.5681	7.9299	29.9305	2.6503	1.47666
0.80	1.3041	6.1266	7.4306	28.8754	2.8315	1.42548
1.00	1.2530	5.7429	6.9960	27.9033	3.0141	1.38196
1.20	1.2084	5.4216	6.6300	27.0155	3.1984	1.34729
1.40	1.1690	5.1666	6.3355	26.2132	3.3840	1.32324
1.60	1.1311	4.9862	6.1174	25.5032	3.5697	1.31364
1.80	1.0816	4.9058	5.9874	24.9122	3.7503	1.32994
2.00	0.9012	5.0865	5.9877	24.6218	3.8710	1.44844

T= 23000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.0008	26.8184	29.8191	78.9385	-2.5970	3.00359
-4.80	2.9817	26.4723	29.4540	77.2149	-2.3998	2.98514
-4.60	2.9598	26.1059	29.0658	75.4803	-2.2030	2.96412
-4.40	2.9320	25.6607	28.5928	73.6782	-2.0071	2.93725
-4.20	2.8948	25.0793	27.9741	71.7547	-1.8127	2.90112
-4.00	2.8451	24.3100	27.1550	69.6632	-1.6202	2.85263
-3.80	2.7808	23.3187	26.0995	67.3760	-1.4301	2.78968
-3.60	2.7021	22.1037	24.8058	64.8980	-1.2426	2.71224
-3.40	2.6115	20.7049	23.3164	62.2755	-1.0574	2.62289
-3.20	2.5140	19.1996	21.7136	59.5899	-0.8739	2.52659
-3.00	2.4159	17.6847	20.1007	56.9401	-0.6912	2.42955
-2.80	2.3231	16.2542	18.5773	54.4187	-0.5082	2.33779
-2.60	2.2401	14.9805	17.2206	52.0949	-0.3240	2.25592
-2.40	2.1693	13.9056	16.0749	50.0052	-0.1380	2.18659
-2.20	2.1111	13.0395	15.1507	48.1540	0.0502	2.13034

T= 23000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.00	2.0642	12.3557	14.4299	46.5192	0.2405	2.08595
-1.80	2.0257	11.8494	13.8751	45.0615	0.4323	2.05093
-1.60	1.9925	11.4472	13.4397	43.7342	0.6251	2.02212
-1.40	1.9609	11.1149	13.0758	42.4916	0.8182	1.99613
-1.20	1.9277	10.8114	12.7391	41.2926	1.0108	1.96965
-1.00	1.8897	10.5020	12.3918	40.1041	1.2021	1.93969
-0.80	1.8449	10.1601	12.0049	38.9019	1.3917	1.90382
-0.60	1.7918	9.7688	11.5606	37.6730	1.5790	1.86050
-0.40	1.7308	9.3236	11.0544	36.4164	1.7640	1.80947
-0.20	1.6634	8.8319	10.4953	35.1430	1.9467	1.75181
0.0	1.5921	8.3106	9.9026	33.8720	2.1277	1.68978
0.20	1.5199	7.7813	9.3012	32.6263	2.3075	1.62620
0.40	1.4498	7.2658	8.7156	31.4272	2.4870	1.56399
0.60	1.3840	6.7823	8.1663	30.2914	2.6668	1.50567
0.80	1.3238	6.3442	7.6680	29.2301	2.8475	1.45327
1.00	1.2699	5.9601	7.2300	28.2490	3.0295	1.40836
1.20	1.2223	5.6355	6.8578	27.3509	3.2129	1.37241
1.40	1.1796	5.3753	6.5549	26.5378	3.3975	1.34744
1.60	1.1379	5.1879	6.3258	25.8167	3.5818	1.33768
1.80	1.0824	5.0974	6.1798	25.2138	3.7601	1.35556
2.00	0.8578	5.2915	6.1493	24.9409	3.8591	1.49718

T= 23500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.0190	26.7173	29.7363	79.4129	-2.5851	3.02184
-4.80	2.9982	26.3199	29.3181	77.6301	-2.3881	3.00163
-4.60	2.9775	25.9566	28.9341	75.8908	-2.1911	2.98171
-4.40	2.9535	25.5657	28.5193	74.1341	-1.9946	2.95872
-4.20	2.9229	25.0875	28.0104	72.3025	-1.7991	2.92919
-4.00	2.8821	24.4648	27.3468	70.3427	-1.6052	2.88969
-3.80	2.8282	23.6491	26.4773	68.2117	-1.4134	2.83724
-3.60	2.7596	22.6137	25.3733	65.8892	-1.2241	2.77020
-3.40	2.6771	21.3672	24.0444	63.3904	-1.0373	2.68918
-3.20	2.5840	19.9593	22.5434	60.7709	-0.8526	2.59747
-3.00	2.4857	18.4727	20.9584	58.1168	-0.6695	2.50046
-2.80	2.3885	17.0029	19.3914	55.5250	-0.4868	2.40442
-2.60	2.2978	15.6371	17.9350	53.0806	-0.3036	2.31500
-2.40	2.2177	14.4383	16.6561	50.8425	-0.1190	2.23630
-2.20	2.1500	13.4385	15.5884	48.8375	0.0675	2.17033
-2.00	2.0943	12.6392	14.7335	47.0614	0.2561	2.11707
-1.80	2.0489	12.0182	14.0671	45.4868	0.4466	2.07483
-1.60	2.0108	11.5378	13.5486	44.0719	0.6384	2.04082
-1.40	1.9763	11.1545	13.1308	42.7706	0.8309	2.01171
-1.20	1.9420	10.8249	12.7669	41.5387	1.0233	1.98403
-1.00	1.9046	10.5108	12.4154	40.3387	1.2149	1.95452
-0.80	1.8614	10.1810	12.0424	39.1416	1.4049	1.92039
-0.60	1.8107	9.8142	11.6249	37.9289	1.5929	1.87966
-0.40	1.7520	9.4001	11.1522	36.6943	1.7786	1.83152
-0.20	1.6864	8.9411	10.6275	35.4433	1.9620	1.77652
0.0	1.6161	8.4494	10.0656	34.1911	2.1435	1.71646
0.20	1.5440	7.9442	9.4882	32.9583	2.3237	1.65399
0.40	1.4729	7.4462	8.9191	31.7657	2.5033	1.59201
0.60	1.4054	6.9737	8.3791	30.6308	2.6829	1.53320
0.80	1.3430	6.5413	7.8843	29.5658	2.8631	1.47983

T= 23500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.00	1.2865	6.1587	7.4453	28.5780	3.0445	1.43372
1.20	1.2361	5.8326	7.0687	27.6713	3.2271	1.39661
1.40	1.1903	5.5683	6.7586	26.8485	3.4107	1.37076
1.60	1.1449	5.3743	6.5192	26.1167	3.5938	1.36077
1.80	1.0837	5.2736	6.3573	25.5015	3.7700	1.37999

T= 24000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.0418	26.7308	29.7726	79.9888	-2.5727	3.04463
-4.80	3.0165	26.2307	29.2472	78.0939	-2.3763	3.01997
-4.60	2.9945	25.8236	28.8181	76.3028	-2.1795	2.99865
-4.40	2.9720	25.4423	28.4143	74.5476	-1.9827	2.97712
-4.20	2.9455	25.0238	27.9694	72.7664	-1.7866	2.95183
-4.00	2.9116	24.5076	27.4192	70.9012	-1.5917	2.91921
-3.80	2.8666	23.8375	26.7041	68.9001	-1.3984	2.87581
-3.60	2.8081	22.9700	25.7781	66.7255	-1.2074	2.81892
-3.40	2.7349	21.8877	24.6226	64.3664	-1.0188	2.74747
-3.20	2.6487	20.6105	23.2592	61.8492	-0.8328	2.66285
-3.00	2.5533	19.1980	21.7512	59.2387	-0.6487	2.56903
-2.80	2.4546	17.7365	20.1911	56.6242	-0.4658	2.47179
-2.60	2.3587	16.3189	18.6776	54.0986	-0.2831	2.37729
-2.40	2.2707	15.0239	17.2947	51.7381	-0.0996	2.29076
-2.20	2.1939	13.9040	16.0979	49.5907	0.0854	2.21563
-2.00	2.1293	12.9807	15.1100	47.6725	0.2724	2.15324
-1.80	2.0761	12.2475	14.3236	45.9714	0.4615	2.10296
-1.60	2.0319	11.6767	13.7086	44.4550	0.6521	2.06266
-1.40	1.9934	11.2285	13.2219	43.0801	0.8438	2.02925
-1.20	1.9571	10.8593	12.8163	41.8013	1.0358	1.99925
-1.00	1.9193	10.5280	12.4473	40.5774	1.2273	1.96919
-0.80	1.8770	10.1998	12.0767	39.3748	1.4177	1.93596
-0.60	1.8280	9.8484	11.6765	38.1702	1.6062	1.89718
-0.40	1.7714	9.4590	11.2304	36.9516	1.7925	1.85151
-0.20	1.7076	9.0282	10.7359	35.7196	1.9766	1.79897
0.0	1.6385	8.5542	10.2027	34.4851	2.1586	1.74093
0.20	1.5666	8.0828	9.6494	33.2656	2.3392	1.67973
0.40	1.4949	7.6030	9.0979	32.0810	2.5188	1.61822
0.60	1.4259	7.1432	8.5691	30.9488	2.6983	1.55918
0.80	1.3615	6.7182	8.0797	29.8822	2.8782	1.50507
1.00	1.3028	6.3388	7.6416	28.8897	3.0591	1.45794
1.20	1.2497	6.0125	7.2622	27.9759	3.2410	1.41977
1.40	1.2009	5.7452	6.9462	27.1445	3.4237	1.39308
1.60	1.1521	5.5452	6.6973	26.4025	3.6057	1.38278
1.80	1.0855	5.4347	6.5202	25.7753	3.7798	1.40316

T= 24500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.0714	26.8971	29.9684	80.7076	-2.5595	3.07419
-4.80	3.0389	26.2424	29.2813	78.6464	-2.3641	3.04229
-4.60	3.0128	25.7436	28.7565	76.7543	-2.1679	3.01700
-4.40	2.9894	25.3277	28.3172	74.9564	-1.9712	2.99453
-4.20	2.9649	24.9267	27.8917	73.1843	-1.7748	2.97116
-4.00	2.9356	24.4766	27.4122	71.3753	-1.5791	2.94321
-3.80	2.8978	23.9167	26.8145	69.4718	-1.3848	2.90700

T= 24500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.60	2.8482	23.1934	26.0416	67.4250	-1.1923	2.85918
-3.40	2.7845	22.2701	25.0547	65.2042	-1.0021	2.79743
-3.20	2.7066	21.1401	23.8467	62.8094	-0.8144	2.72139
-3.00	2.6166	19.8358	22.4524	60.2790	-0.6291	2.63330
-2.80	2.5194	18.4254	20.9449	57.6860	-0.4455	2.53782
-2.60	2.4210	16.9976	19.4185	55.1207	-0.2628	2.44096
-2.40	2.3271	15.6398	17.9669	52.6700	-0.0800	2.34863
-2.20	2.2422	14.4213	16.6636	50.3999	0.1038	2.26550
-2.00	2.1689	13.3832	15.5521	48.3466	0.2894	2.19427
-1.80	2.1074	12.5365	14.6440	46.5158	0.4769	2.13554
-1.60	2.0563	11.8669	13.9233	44.8879	0.6663	2.08809
-1.40	2.0128	11.3420	13.3548	43.4262	0.8570	2.04932
-1.20	1.9733	10.9205	12.8938	42.0870	1.0484	2.01592
-1.00	1.9342	10.5601	12.4943	40.8269	1.2397	1.98429
-0.80	1.8920	10.2226	12.1146	39.6082	1.4301	1.95109
-0.60	1.8442	9.8777	11.7219	38.4028	1.6190	1.91354
-0.40	1.7893	9.5056	11.2949	37.1938	1.8058	1.86985
-0.20	1.7272	9.0982	10.8254	35.9765	1.9905	1.81950
0.0	1.6592	8.6589	10.3181	34.7573	2.1731	1.76340
0.20	1.5878	8.2000	9.7878	33.5507	2.3540	1.70356
0.40	1.5157	7.7385	9.2542	32.3747	2.5338	1.64270
0.60	1.4456	7.2920	8.7376	31.2465	2.7132	1.58363
0.80	1.3795	6.8756	8.2551	30.1798	2.8929	1.52896
1.00	1.3185	6.5007	7.8193	29.1839	3.0733	1.48097
1.20	1.2630	6.1754	7.4384	28.2645	3.2546	1.44184
1.40	1.2116	5.9061	7.1177	27.4255	3.4365	1.41434
1.60	1.1595	5.7009	6.8604	26.6742	3.6174	1.40369
1.80	1.0878	5.5814	6.6692	26.0356	3.7897	1.42510

T= 25000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.1096	27.2460	30.3556	81.6033	-2.5454	3.11246
-4.80	3.0672	26.3888	29.4560	79.3242	-2.3513	3.07064
-4.60	3.0346	25.7505	28.7850	77.2811	-2.1560	3.03875
-4.40	3.0078	25.2554	28.2632	75.3949	-1.9598	3.01289
-4.20	2.9830	24.8304	27.8133	73.5905	-1.7634	2.98914
-4.00	2.9561	24.4068	27.3629	71.7993	-1.5673	2.96364
-3.80	2.9234	23.9201	26.8435	69.9586	-1.3722	2.93258
-3.60	2.8812	23.3106	26.1918	68.0121	-1.1785	2.89224
-3.40	2.8264	22.5289	25.3553	65.9157	-0.9868	2.83948
-3.20	2.7572	21.5472	24.3045	63.6478	-0.7976	2.77254
-3.00	2.6745	20.3714	23.0459	61.2209	-0.6108	2.69190
-2.80	2.5812	19.0463	21.6275	58.6854	-0.4262	2.60071
-2.60	2.4828	17.6473	20.1301	56.1204	-0.2431	2.50418
-2.40	2.3852	16.2626	18.6479	53.6151	-0.0605	2.40841
-2.20	2.2939	14.9727	17.2666	51.2481	0.1225	2.31891
-2.00	2.2126	13.8356	16.0481	49.0738	0.3068	2.23964
-1.80	2.1428	12.8806	15.0234	47.1165	0.4929	2.17250
-1.60	2.0843	12.1087	14.1930	45.3717	0.6809	2.11735
-1.40	2.0349	11.4984	13.5332	43.8132	0.8705	2.07236
-1.20	1.9913	11.0135	13.0047	42.4015	1.0611	2.03454
-1.00	1.9498	10.6125	12.5623	41.0931	1.2519	2.00037
-0.80	1.9070	10.2552	12.1621	39.8476	1.4423	1.96631
-0.60	1.8597	9.9075	11.7673	38.6325	1.6314	1.92925

T= 25000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	1.8060	9.5453	11.3513	37.4259	1.8187	1.88696
-0.20	1.7454	9.1556	10.9010	36.2183	2.0038	1.83845
0.0	1.6786	8.7372	10.4158	35.0114	2.1869	1.78412
0.20	1.6077	8.2988	9.9065	33.8162	2.3681	1.72564
0.40	1.5354	7.8549	9.3903	32.6486	2.5482	1.66553
0.60	1.4644	7.4220	8.8863	31.5251	2.7276	1.60658
0.80	1.3967	7.0148	8.4116	30.4594	2.9071	1.55152
1.00	1.3339	6.5453	7.9792	29.4613	3.0871	1.50280
1.20	1.2761	6.3220	7.5981	28.5373	3.2678	1.46280
1.40	1.2221	6.0515	7.2737	27.6918	3.4490	1.43452
1.60	1.1670	5.8421	7.0090	26.9319	3.6290	1.42349
1.80	1.0905	5.7148	6.8053	26.2831	3.7996	1.44589

T= 25500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.1577	27.7920	30.9497	82.6939	-2.5301	3.16067
-4.80	3.1033	26.5967	29.7999	80.1574	-2.3376	3.10677
-4.60	3.0616	25.8744	28.9359	77.9160	-2.1435	3.06575
-4.40	3.0290	25.2558	28.2848	75.8953	-1.9482	3.03401
-4.20	3.0014	24.7653	27.7667	74.0164	-1.7521	3.00754
-4.00	2.9748	24.3293	27.3041	72.2043	-1.5560	2.98230
-3.80	2.9452	23.8791	26.8243	70.3908	-1.3604	2.95430
-3.60	2.9085	23.3502	26.2587	68.5137	-1.1658	2.91960
-3.40	2.8613	22.6850	25.5463	66.5196	-0.9729	2.87456
-3.20	2.8008	21.8406	24.6414	64.3709	-0.7822	2.81640
-3.00	2.7260	20.8002	23.5262	62.0574	-0.5939	2.74408
-2.80	2.6386	19.5834	22.2220	59.6051	-0.4081	2.65906
-2.60	2.5426	18.2466	20.7892	57.0751	-0.2242	2.56532
-2.40	2.4438	16.8700	19.3138	54.5505	-0.0414	2.46852
-2.20	2.3478	15.5388	17.8866	52.1162	0.1412	2.37461
-2.00	2.2597	14.3240	16.5836	49.8409	0.3246	2.28855
-1.80	2.1821	13.2717	15.4538	47.7664	0.5094	2.21350
-1.60	2.1159	12.3995	14.5154	45.9050	0.6960	2.15050
-1.40	2.0599	11.6987	13.7585	44.2431	0.8844	2.09865
-1.20	2.0113	11.1415	13.1528	42.7488	1.0740	2.05555
-1.00	1.9667	10.6896	12.6563	41.3811	1.2643	2.01789
-0.80	1.9223	10.3023	12.2247	40.0982	1.4544	1.98208
-0.60	1.8749	9.9429	11.8177	38.8643	1.6435	1.94474
-0.40	1.8220	9.5828	11.4048	37.6528	1.8311	1.90325
-0.20	1.7624	9.2048	10.9673	36.4493	2.0167	1.85616
0.0	1.6967	8.8032	10.4999	35.2509	2.2001	1.80338
0.20	1.6264	8.3826	10.0090	34.0651	2.3818	1.74619
0.40	1.5541	7.9550	9.5090	32.9052	2.5620	1.68686
0.60	1.4823	7.5351	9.0174	31.7863	2.7415	1.62814
0.80	1.4133	7.1374	8.5508	30.7221	2.9208	1.57280
1.00	1.3487	6.7738	8.1226	29.7227	3.1005	1.52346
1.20	1.2889	6.4531	7.7420	28.7949	3.2807	1.48267
1.40	1.2325	6.1824	7.4149	27.9437	3.4613	1.45365
1.60	1.1746	5.9695	7.1441	27.1763	3.6404	1.44223
1.80	1.0934	5.8361	6.9296	26.5187	3.8093	1.46563

T= 26000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.2159	28.5282	31.7441	83.9764	-2.5137	3.21904
-4.80	3.1482	27.1799	30.3282	81.1635	-2.3230	3.15186
-4.60	3.0954	26.1396	29.2349	78.6861	-2.1303	3.09961
-4.40	3.0545	25.3564	28.4109	76.4870	-1.9361	3.05960
-4.20	3.0219	24.7593	27.7812	74.4911	-1.7407	3.02806
-4.00	2.9934	24.2723	27.2657	72.6191	-1.5449	3.00086
-3.80	2.9647	23.8221	26.7869	70.7970	-1.3490	2.97382
-3.60	2.9318	23.3399	26.2717	68.9568	-1.1539	2.94282
-3.40	2.8906	22.7623	25.6529	67.0382	-0.9600	2.90391
-3.20	2.8378	22.0358	24.8736	64.9922	-0.7681	2.85361
-3.00	2.7712	21.1260	23.8972	62.7904	-0.5784	2.78968
-2.80	2.6908	20.0294	22.7202	60.4358	-0.3912	2.71200
-2.60	2.5992	18.7796	21.3788	57.9677	-0.2062	2.62303
-2.40	2.5012	17.4427	19.9440	55.4563	-0.0229	2.52751
-2.20	2.4027	16.1009	18.5036	52.9854	0.1597	2.43131
-2.00	2.3092	14.8331	17.1423	50.5330	0.3424	2.34006
-1.80	2.2246	13.6996	15.9242	48.4560	0.5262	2.25799
-1.60	2.1509	12.7338	14.8848	46.4833	0.7116	2.18735
-1.40	2.0879	11.9418	14.0297	44.7157	0.8987	2.12832
-1.20	2.0337	11.3063	13.3401	43.1315	1.0873	2.07925
-1.00	1.9851	10.7949	12.7800	41.6948	1.2768	2.03727
-0.80	1.9384	10.3682	12.3067	40.3648	1.4664	1.99884
-0.60	1.8901	9.9880	11.8782	39.1029	1.6555	1.96045
-0.40	1.8374	9.6225	11.4599	37.8789	1.8432	1.91913
-0.20	1.7787	9.2500	11.0286	36.6736	2.0291	1.87298
0.0	1.7138	8.8604	10.5742	35.4796	2.2129	1.82145
0.20	1.6441	8.4545	10.0986	34.3005	2.3949	1.76541
0.40	1.5717	8.0413	9.6130	33.1468	2.5754	1.70685
0.60	1.4994	7.6337	9.1330	32.0321	2.7549	1.64841
0.80	1.4293	7.2452	8.6746	30.9695	2.9341	1.59289
1.00	1.3631	6.8877	8.2509	29.9693	3.1135	1.54302
1.20	1.3014	6.5702	7.8715	29.0384	3.2934	1.50152
1.40	1.2428	6.2997	7.5426	28.1823	3.4734	1.47180
1.60	1.1823	6.0844	7.2667	27.4083	3.6517	1.45999
1.80	1.0966	5.9466	7.0431	26.7436	3.8190	1.48449

T= 26500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.2832	29.4230	32.7062	85.4229	-2.4965	3.28650
-4.80	3.2025	27.8351	31.0376	82.3423	-2.3073	3.20623
-4.60	3.1371	26.5599	29.6970	79.6080	-2.1162	3.14147
-4.40	3.0860	25.5790	28.6650	77.1948	-1.9234	3.09115
-4.20	3.0461	24.8370	27.8831	75.0409	-1.7290	3.05227
-4.00	3.0134	24.2610	27.2744	73.0699	-1.5337	3.02088
-3.80	2.9837	23.7749	26.7586	71.2030	-1.3380	2.99270
-3.60	2.9524	23.3057	26.2581	69.3668	-1.1426	2.96343
-3.40	2.9156	22.7850	25.7006	67.4948	-0.9480	2.92887
-3.20	2.8692	22.1521	25.0212	65.5294	-0.7550	2.88511
-3.00	2.8102	21.3595	24.1697	63.4286	-0.5640	2.82903
-2.80	2.7373	20.3841	23.1214	61.1755	-0.3754	2.75914
-2.60	2.6515	19.2371	21.8886	58.7872	-0.1893	2.67634
-2.40	2.5564	17.9653	20.5217	56.3161	-0.0051	2.58410
-2.20	2.4574	16.6418	19.0992	53.8382	0.1777	2.48773
-2.00	2.3602	15.3473	17.7075	51.4346	0.3602	2.39309

T= 26500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.80	2.2698	14.1521	16.4219	49.1738	0.5432	2.30524
-1.60	2.1891	13.1043	15.2933	47.0997	0.7275	2.22755
-1.40	2.1191	12.2245	14.3436	45.2284	0.9134	2.16132
-1.20	2.0587	11.5080	13.5667	43.5503	1.1008	2.10583
-1.00	2.0054	10.9304	12.9358	42.0372	1.2894	2.05881
-0.80	1.9556	10.4561	12.4118	40.6510	1.4785	2.01698
-0.60	1.9058	10.0468	11.9526	39.3525	1.6673	1.97678
-0.40	1.8527	9.6682	11.5209	38.1083	1.8550	1.93497
-0.20	1.7943	9.2948	11.0891	36.8950	2.0411	1.88925
0.0	1.7301	8.9123	10.6424	35.7009	2.2253	1.83863
0.20	1.6608	8.5177	10.1785	34.5253	2.4076	1.78355
0.40	1.5886	8.1165	9.7051	33.3760	2.5882	1.72570
0.60	1.5157	7.7199	9.2356	32.2646	2.7679	1.66755
0.80	1.4447	7.3401	8.7848	31.2034	2.9470	1.61190
1.00	1.3770	6.9887	8.3657	30.2023	3.1262	1.56156
1.20	1.3135	6.6745	7.9880	29.2688	3.3057	1.51941
1.40	1.2530	6.4048	7.6578	28.4084	3.4852	1.48903
1.60	1.1899	6.1880	7.3779	27.6288	3.6627	1.47688
1.80	1.0997	6.0475	7.1472	26.9587	3.8285	1.50263

T= 27000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.3573	30.4243	33.7816	86.9833	-2.4786	3.36081
-4.80	3.2652	28.6387	31.9739	83.6734	-2.2907	3.26916
-4.60	3.1872	27.1352	30.3224	80.6848	-2.1012	3.19176
-4.40	3.1245	25.9378	29.0623	78.0347	-1.9099	3.12975
-4.20	3.0753	25.0188	28.0941	75.6886	-1.7168	3.08154
-4.00	3.0363	24.3179	27.3542	73.5807	-1.5223	3.04380
-3.80	3.0034	23.7607	26.7641	71.6330	-1.3270	3.01238
-3.60	2.9719	23.2710	26.2429	69.7675	-1.1316	2.98285
-3.40	2.9375	22.7763	25.7139	67.9119	-0.9367	2.95081
-3.20	2.8960	22.2100	25.1060	66.0020	-0.7428	2.91204
-3.00	2.8437	21.5152	24.3590	63.9852	-0.5507	2.86280
-2.80	2.7782	20.6536	23.4318	61.8286	-0.3609	2.80054
-2.60	2.6990	19.6155	22.3146	59.5290	-0.1734	2.72471
-2.40	2.6084	18.4273	21.0357	57.1183	0.0117	2.63731
-2.20	2.5107	17.1472	19.6579	54.6594	0.1952	2.54271
-2.00	2.4117	15.8517	18.2634	52.2306	0.3777	2.44654
-1.80	2.3167	14.6166	16.9334	49.9071	0.5602	2.35438
-1.60	2.2298	13.5016	15.7315	47.7457	0.7436	2.27055
-1.40	2.1530	12.5415	14.6946	45.7768	0.9284	2.19743
-1.20	2.0863	11.7447	13.8310	44.0043	1.1147	2.13534
-1.00	2.0277	11.0969	13.1246	42.4094	1.3024	2.08275
-0.80	1.9742	10.5682	12.5425	40.9595	1.4908	2.03681
-0.60	1.9221	10.1222	12.0443	39.6164	1.6791	1.99406
-0.40	1.8680	9.7232	11.5913	38.3446	1.8667	1.95111
-0.20	1.8096	9.3426	11.1522	37.1170	2.0529	1.90529
0.0	1.7457	8.9622	10.7079	35.9178	2.2373	1.85520
0.20	1.6768	8.5750	10.2518	34.7424	2.4199	1.80084
0.40	1.6046	8.1834	9.7880	33.5951	2.6007	1.74358
0.60	1.5314	7.7960	9.3274	32.4857	2.7804	1.68570
0.80	1.4594	7.4241	8.8835	31.4253	2.9595	1.62995
1.00	1.3905	7.0783	8.4688	30.4234	3.1385	1.57920
1.20	1.3254	6.7675	8.0929	29.4875	3.3177	1.53644

T= 27000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
1.40	1.2629	6.4991	7.7620	28.6232	3.4967	1.50545
1.60	1.1975	6.2815	7.4790	27.8388	3.6736	1.49301
1.80	1.1028	6.1401	7.2429	27.1652	3.8378	1.52021

T= 27500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	3.4351	31.4665	34.9016	88.5932	-2.4607	3.43883
-4.80	3.3347	29.5489	32.8837	85.1173	-2.2736	3.33888
-4.60	3.2453	27.8488	31.0941	81.9026	-2.0854	3.25007
-4.40	3.1705	26.4353	29.6058	79.0125	-1.8955	3.17596
-4.20	3.1106	25.3188	28.4294	76.4502	-1.7038	3.11696
-4.00	3.0634	24.4620	27.5254	74.1721	-1.5105	3.07092
-3.80	3.0252	23.8000	26.8252	72.1085	-1.3159	3.03420
-3.60	2.9915	23.2572	26.2487	70.1804	-1.1208	3.00242
-3.40	2.9578	22.7576	25.7154	68.3109	-0.9257	2.97103
-3.20	2.9196	22.2298	25.1494	66.4295	-0.7313	2.93558
-3.00	2.8727	21.6100	24.4828	64.4757	-0.5384	2.89188
-2.80	2.8139	20.8482	23.6621	62.4040	-0.3474	2.83660
-2.60	2.7416	19.9173	22.6589	60.1934	-0.1587	2.76794
-2.40	2.6565	18.8231	21.4796	57.8559	0.0276	2.68646
-2.20	2.5618	17.6061	20.1679	55.4372	0.2119	2.59526
-2.00	2.4626	16.3333	18.7960	53.0075	0.3947	2.49938
-1.80	2.3646	15.0806	17.4453	50.6435	0.5771	2.40452
-1.60	2.2726	13.9158	16.1884	48.4113	0.7598	2.31569
-1.40	2.1895	12.8861	15.0756	46.3546	0.9437	2.23629
-1.20	2.1164	12.0131	14.1295	44.4905	1.1289	2.16767
-1.00	2.0522	11.2937	13.3459	42.8116	1.3156	2.10918
-0.80	1.9944	10.7058	12.7002	41.2922	1.5031	2.05857
-0.60	1.9394	10.2166	12.1560	39.8973	1.6910	2.01260
-0.40	1.8838	9.7904	11.6742	38.5908	1.8784	1.96786
-0.20	1.8248	9.3965	11.2213	37.3427	2.0645	1.92140
0.0	1.7610	9.0130	10.7739	36.1334	2.2491	1.87142
0.20	1.6923	8.6292	10.3215	34.9544	2.4318	1.81752
0.40	1.6201	8.2442	9.8643	33.8067	2.6129	1.76070
0.60	1.5464	7.8643	9.4108	32.6977	2.7927	1.70304
0.80	1.4737	7.4990	8.9727	31.6371	2.9717	1.64718
1.00	1.4036	7.1583	8.5619	30.6341	3.1506	1.59604
1.20	1.3369	6.8508	8.1877	29.6957	3.3294	1.55272
1.40	1.2726	6.5838	7.8565	28.8280	3.5080	1.52117
1.60	1.2049	6.3663	7.5712	28.0396	3.6843	1.50849
1.80	1.1056	6.2257	7.3313	27.3643	3.8469	1.53744

T= 28000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	3.5132	32.4819	35.9951	90.1848	-2.4431	3.51708
-4.80	3.4084	30.5118	33.9202	86.6211	-2.2563	3.41279
-4.60	3.3101	28.6685	31.9786	83.2313	-2.0690	3.31506
-4.40	3.2240	27.0610	30.2850	80.1199	-1.8805	3.22962
-4.20	3.1526	25.7419	28.8945	77.3331	-1.6902	3.15915
-4.00	3.0957	24.7071	27.8028	74.8602	-1.4981	3.10330
-3.80	3.0503	23.9106	26.9609	72.6488	-1.3045	3.05937
-3.60	3.0125	23.2832	26.2957	70.6256	-1.1099	3.02339
-3.40	2.9776	22.7483	25.7259	68.7115	-0.9150	2.99079

T= 28000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.20	2.9410	22.2308	25.1718	66.8311	-0.7204	2.95691
-3.00	2.8981	21.6614	24.5595	64.9169	-0.5267	2.91729
-2.80	2.8451	20.9809	23.8261	62.9136	-0.3347	2.86798
-2.60	2.7794	20.1487	22.9281	60.7858	-0.1449	2.80621
-2.40	2.7003	19.1517	21.8520	58.5267	0.0426	2.73119
-2.20	2.6098	18.0116	20.6215	56.1636	0.2278	2.64466
-2.00	2.5121	16.7815	19.2937	53.7540	0.4112	2.55070
-1.80	2.4127	15.5326	17.9453	51.3712	0.5937	2.45476
-1.60	2.3167	14.3366	16.6532	49.0865	0.7760	2.36225
-1.40	2.2281	13.2505	15.4785	46.9544	0.9591	2.27741
-1.20	2.1489	12.3084	14.4573	45.0049	1.1434	2.20260
-1.00	2.0789	11.5189	13.5978	43.2422	1.3290	2.13811
-0.80	2.0163	10.8691	12.8854	41.6498	1.5157	2.08240
-0.60	1.9578	10.3314	12.2892	40.1972	1.7029	2.03265
-0.40	1.9001	9.8720	11.7721	38.8494	1.8899	1.98550
-0.20	1.8401	9.4588	11.2989	37.5749	2.0760	1.93786
0.0	1.7760	9.0671	10.8431	36.3504	2.2606	1.88756
0.20	1.7073	8.6827	10.3900	35.1638	2.4435	1.83381
0.40	1.6350	8.3014	9.9364	34.0129	2.6247	1.77725
0.60	1.5610	7.9268	9.4878	32.9025	2.8046	1.71971
0.80	1.4874	7.5668	9.0542	31.8406	2.9836	1.66373
1.00	1.4162	7.2304	8.6466	30.8358	3.1623	1.61222
1.20	1.3482	6.9258	8.2740	29.8949	3.3409	1.56837
1.40	1.2822	6.6604	7.9426	29.0239	3.5191	1.53629
1.60	1.2123	6.4435	7.6558	28.2322	3.6948	1.52347
1.80	1.1082	6.3054	7.4136	27.5570	3.8558	1.55449

T= 28500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.5882	33.4111	36.9993	91.6972	-2.4263	3.59228
-4.80	3.4833	31.4690	34.9523	88.1268	-2.2392	3.48790
-4.60	3.3794	29.5506	32.9300	84.6285	-2.0523	3.38466
-4.40	3.2839	27.7910	31.0748	81.3351	-1.8648	3.28979
-4.20	3.2014	26.2825	29.4839	78.3340	-1.6758	3.20818
-4.00	3.1338	25.0602	28.1940	75.6536	-1.4851	3.14161
-3.80	3.0797	24.1061	27.1858	73.2692	-1.2926	3.08893
-3.60	3.0359	23.3655	26.4014	71.1206	-1.0989	3.04690
-3.40	2.9980	22.7660	25.7641	69.1320	-0.9043	3.01122
-3.20	2.9613	22.2309	25.1921	67.2246	-0.7097	2.97718
-3.00	2.9209	21.6862	24.6071	65.3253	-0.5155	2.94006
-2.80	2.8725	21.0662	23.9387	63.3710	-0.3229	2.89548
-2.60	2.8128	20.3190	23.1318	61.3144	-0.1320	2.83992
-2.40	2.7399	19.4161	22.1560	59.1324	0.0566	2.77143
-2.20	2.6544	18.3503	21.0147	56.8342	0.2428	2.69040
-2.00	2.5595	17.1885	19.7480	54.4616	0.4270	2.59973
-1.80	2.4601	15.9625	18.4226	52.0799	0.6098	2.50426
-1.60	2.3614	14.7540	17.1154	49.7613	0.7920	2.40947
-1.40	2.2683	13.6265	15.8948	47.5682	0.9745	2.32023
-1.20	2.1834	12.6248	14.8083	45.5419	1.1580	2.23980
-1.00	2.1077	11.7693	13.8770	43.6987	1.3427	2.16942
-0.80	2.0400	11.0570	13.0971	42.0317	1.5285	2.10837
-0.60	1.9776	10.4673	12.4450	40.5171	1.7150	2.05436
-0.40	1.9173	9.9696	11.8869	39.1226	1.9015	2.00427
-0.20	1.8558	9.5317	11.3875	37.8158	2.0874	1.95491

T= 28500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.0	1.7910	9.1269	10.9179	36.5712	2.2719	1.90385
0.20	1.7220	8.7378	10.4598	35.3731	2.4549	1.84993
0.40	1.6495	8.3570	10.0065	34.2159	2.6362	1.79342
0.60	1.5751	7.9855	9.5605	33.1019	2.8161	1.73589
0.80	1.5008	7.6292	9.1300	32.0375	2.9952	1.67974
1.00	1.4285	7.2962	8.7247	31.0301	3.1737	1.62785
1.20	1.3591	6.9941	8.3532	30.0863	3.3521	1.58349
1.40	1.2915	6.7302	8.0218	29.2122	3.5299	1.55094
1.60	1.2194	6.5144	7.7338	28.4178	3.7050	1.53806
1.80	1.1103	6.3805	7.4909	27.7443	3.8643	1.57156

T= 29000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.6576	34.2106	37.8681	93.0848	-2.4104	3.66180
-4.80	3.5564	32.3667	35.9231	89.5796	-2.2226	3.56125
-4.60	3.4508	30.4456	33.8965	86.0452	-2.0357	3.45633
-4.40	3.3487	28.5906	31.9393	82.6249	-1.8487	3.35486
-4.20	3.2564	26.9240	30.1804	79.4379	-1.6609	3.26347
-4.00	3.1781	25.5197	28.6978	76.5527	-1.4714	3.18612
-3.80	3.1142	24.3946	27.5089	73.9794	-1.2803	3.12359
-3.60	3.0628	23.5174	26.5802	71.6801	-1.0875	3.07392
-3.40	3.0202	22.8261	25.8463	69.5885	-0.8936	3.03341
-3.20	2.9815	22.2460	25.2276	67.6265	-0.6992	2.99745
-3.00	2.9420	21.7006	24.6426	65.7170	-0.5050	2.96121
-2.80	2.8970	21.1186	24.0155	63.7903	-0.3117	2.91999
-2.60	2.8423	20.4397	23.2820	61.7895	-0.1199	2.86968
-2.40	2.7753	19.6223	22.3976	59.6781	0.0697	2.80739
-2.20	2.6953	18.5523	21.3477	57.4481	0.2570	2.73225
-2.00	2.6042	17.5493	20.1535	55.1245	0.4421	2.64591
-1.80	2.5061	16.3626	18.8687	52.7610	0.6254	2.55229
-1.60	2.4062	15.1591	17.5653	50.4266	0.8077	2.45663
-1.40	2.3094	14.0059	16.3154	48.1878	0.9899	2.36414
-1.20	2.2196	12.9561	15.1757	46.0956	1.1727	2.27884
-1.00	2.1384	12.0409	14.1793	44.1773	1.3565	2.20290
-0.80	2.0655	11.2678	13.3334	42.4366	1.5414	2.13645
-0.60	1.9989	10.6242	12.6231	40.8573	1.7272	2.07786
-0.40	1.9354	10.0841	12.0195	39.4114	1.9132	2.02434
-0.20	1.8720	9.6167	11.4888	38.0674	2.0987	1.97278
0.0	1.8061	9.1942	11.0004	36.7978	2.2831	1.92052
0.20	1.7366	8.7964	10.5330	35.5841	2.4661	1.86608
0.40	1.6637	8.4129	10.0766	34.4176	2.6475	1.80940
0.60	1.5888	8.0421	9.6309	33.2979	2.8275	1.75174
0.80	1.5138	7.6879	9.2017	32.2294	3.0065	1.69534
1.00	1.4405	7.3571	8.7977	31.2185	3.1849	1.64306
1.20	1.3698	7.0569	8.4267	30.2713	3.3631	1.59821
1.40	1.3006	6.7945	8.0951	29.3941	3.5406	1.56523
1.60	1.2264	6.5801	7.8065	28.5973	3.7150	1.55241
1.80	1.1119	6.4520	7.5639	27.9273	3.8725	1.58883

T= 29500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.7196	34.8562	38.5759	94.3209	-2.3957	3.72397
-4.80	3.6253	33.1624	36.7876	90.9354	-2.2068	3.63031

T= 29500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	3.5217	31.3558	34.8276	87.4332	-2.0194	3.52745
-4.40	3.4162	29.4192	32.8355	83.9492	-1.8326	3.42275
-4.20	3.3165	27.6401	30.9565	80.6202	-1.6455	3.32383
-4.00	3.2282	26.0750	29.3032	77.5488	-1.4572	3.23654
-3.80	3.1541	24.7781	27.9322	74.7829	-1.2673	3.16375
-3.60	3.0940	23.7481	26.8421	72.3148	-1.0757	3.10524
-3.40	3.0450	22.9415	25.9864	70.0949	-0.8826	3.05828
-3.20	3.0028	22.2907	25.2934	68.0517	-0.6887	3.01871
-3.00	2.9625	21.7192	24.6818	66.1067	-0.4945	2.98172
-2.80	2.9193	21.1523	24.0716	64.1853	-0.3009	2.94239
-2.60	2.8687	20.5228	23.3914	62.2227	-0.1085	2.89617
-2.40	2.8070	19.7785	22.5854	60.1711	0.0821	2.83944
-2.20	2.7325	18.8907	21.6232	58.0073	0.2704	2.77022
-2.00	2.6459	17.8619	20.5078	55.7398	0.4564	2.68887
-1.80	2.5503	16.7269	19.2772	53.4082	0.6404	2.59825
-1.60	2.4502	15.5444	17.9946	51.0742	0.8230	2.50304
-1.40	2.3511	14.3809	16.7320	48.8054	1.0051	2.40851
-1.20	2.2571	13.2955	15.5526	46.6593	1.1874	2.31925
-1.00	2.1708	12.3289	14.4997	44.5735	1.3704	2.23826
-0.80	2.0927	11.4987	13.5914	42.8619	1.5545	2.16653
-0.60	2.0216	10.8010	12.8225	41.2171	1.7395	2.10317
-0.40	1.9547	10.2158	12.1704	39.7166	1.9249	2.04585
-0.20	1.8889	9.7150	11.6039	38.3308	2.1100	1.99163
0.0	1.8216	9.2705	11.0921	37.0319	2.2943	1.93776
0.20	1.7513	8.8601	10.6114	35.7988	2.4772	1.88246
0.40	1.6778	8.4708	10.1486	34.6198	2.6586	1.82535
0.60	1.6023	8.0982	9.7005	33.4919	2.8386	1.76740
0.80	1.5266	7.7444	9.2709	32.4177	3.0175	1.71069
1.00	1.4523	7.4147	8.8669	31.4023	3.1959	1.65798
1.20	1.3803	7.1157	8.4959	30.4512	3.3738	1.61264
1.40	1.3095	6.8543	8.1639	29.5706	3.5509	1.57927
1.60	1.2332	6.6417	7.8749	28.7719	3.7248	1.56662
1.80	1.1129	6.5209	7.6338	28.1071	3.8803	1.60650

T= 30000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.7736	35.3431	39.1167	95.3979	-2.3821	3.77805
-4.80	3.6881	33.8289	37.5169	92.1650	-2.1921	3.69325
-4.60	3.5896	32.0907	35.6803	88.7508	-2.0038	3.59563
-4.40	3.4844	30.2350	33.7194	85.2662	-1.8168	3.49119
-4.20	3.3799	28.3979	31.7778	81.8488	-1.6300	3.38761
-4.00	3.2833	26.7071	29.9905	78.6243	-1.4426	3.29205
-3.80	3.1994	25.2507	28.4501	75.6757	-1.2538	3.20938
-3.60	3.1298	24.0616	27.1914	73.0299	-1.0634	3.14133
-3.40	3.0731	23.1218	26.1949	70.6623	-0.8713	3.08662
-3.20	3.0259	22.3771	25.4030	68.5135	-0.6780	3.04187
-3.00	2.9833	21.7556	24.7389	66.5084	-0.4842	3.00252
-2.80	2.9405	21.1807	24.1212	64.5694	-0.2905	2.96358
-2.60	2.8926	20.5804	23.4730	62.6258	-0.0976	2.92018
-2.40	2.8354	19.8942	22.7295	60.6202	0.0937	2.86812
-2.20	2.7662	19.0807	21.8469	58.5165	0.2830	2.80448
-2.00	2.6844	18.1270	20.8114	56.3073	0.4700	2.72845
-1.80	2.5921	17.0522	19.6443	54.0173	0.6548	2.64171
-1.60	2.4931	15.9038	18.3970	51.6979	0.8379	2.54813

T= 30000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.40	2.3927	14.7446	17.1373	49.4138	1.0200	2.45276
-1.20	2.2954	13.6366	15.9320	47.2267	1.2020	2.36053
-1.00	2.2045	12.6281	14.8326	45.1824	1.3844	2.27514
-0.80	2.1215	11.7462	13.8677	43.3048	1.5678	2.19842
-0.60	2.0458	10.9960	13.0418	41.5953	1.7520	2.13025
-0.40	1.9750	10.3644	12.3395	40.0381	1.9367	2.06887
-0.20	1.9065	9.8272	11.7337	38.6072	2.1214	2.01161
0.0	1.8374	9.3569	11.1944	37.2748	2.3053	1.95573
0.20	1.7660	8.9304	10.6964	36.0185	2.4881	1.89923
0.40	1.6918	8.5321	10.2239	34.8240	2.6695	1.84143
0.60	1.6156	8.1553	9.7710	33.6856	2.8495	1.78303
0.80	1.5391	7.8000	9.3391	32.6040	3.0284	1.72590
1.00	1.4638	7.4701	8.9339	31.5828	3.2066	1.67273
1.20	1.3905	7.1715	8.5620	30.6270	3.3843	1.62690
1.40	1.3183	6.9109	8.2292	29.7428	3.5611	1.59318
1.60	1.2397	6.7002	7.9399	28.9426	3.7344	1.58082
1.80	1.1131	6.5881	7.7012	28.2844	3.8877	1.62476

T= 30500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.8197	35.6816	39.5013	96.3235	-2.3697	3.82419
-4.80	3.7438	34.3551	38.0989	93.2549	-2.1784	3.74910
-4.60	3.6528	32.7711	36.4239	89.9673	-1.9891	3.65899
-4.40	3.5509	31.0004	34.5513	86.5378	-1.8014	3.55798
-4.20	3.4449	29.1620	32.6068	83.0886	-1.6145	3.45290
-4.00	3.3423	27.3904	30.7328	79.7546	-1.4277	3.35142
-3.80	3.2497	25.7996	29.0493	76.6464	-1.2399	3.26000
-3.60	3.1705	24.4563	27.6268	73.8254	-1.0506	3.18236
-3.40	3.1053	23.3727	26.4780	71.2974	-0.8596	3.11907
-3.20	3.0515	22.5153	25.5668	69.0225	-0.6672	3.06769
-3.00	3.0052	21.8213	24.8265	66.9342	-0.4738	3.02446
-2.80	2.9613	21.2161	24.1774	64.9552	-0.2802	2.98440
-2.60	2.9148	20.6245	23.5393	63.0104	-0.0871	2.94247
-2.40	2.8611	19.9794	22.8405	61.0350	0.1048	2.89402
-2.20	2.7966	19.2294	22.0260	58.9818	0.2949	2.83538
-2.00	2.7198	18.3473	21.0671	56.8291	0.4828	2.76467
-1.80	2.6313	17.3370	19.9684	54.5864	0.6685	2.68238
-1.60	2.5344	16.2330	18.7675	52.2928	0.8522	2.59141
-1.40	2.4337	15.0911	17.5248	50.0070	1.0346	2.49634
-1.20	2.3340	13.9734	16.3074	47.7916	1.2164	2.40218
-1.00	2.2393	12.9333	15.1726	45.6988	1.3984	2.31316
-0.80	2.1517	12.0065	14.1582	43.7614	1.5811	2.23189
-0.60	2.0713	11.2070	13.2783	41.9897	1.7645	2.15901
-0.40	1.9966	10.5290	12.5256	40.3753	1.9486	2.09342
-0.20	1.9250	9.9532	11.8782	38.8966	2.1327	2.03282
0.0	1.8538	9.4542	11.3080	37.5275	2.3164	1.97456
0.20	1.7810	9.0082	10.7892	36.2446	2.4990	1.91654
0.40	1.7058	8.5980	10.3039	35.0315	2.6802	1.85780
0.60	1.6289	8.2146	9.8435	33.8802	2.8602	1.79877
0.80	1.5514	7.8559	9.4073	32.7893	3.0390	1.74110
1.00	1.4751	7.5245	8.9996	31.7611	3.2171	1.68741
1.20	1.4006	7.2254	8.6260	30.7999	3.3946	1.64109
1.40	1.3268	6.9652	8.2920	29.9117	3.5711	1.60706
1.60	1.2460	6.7565	8.0025	29.1100	3.7438	1.59511

T= 30500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.80	1.1125	6.6544	7.7670	28.4602	3.8946	1.64379

T= 31000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.8586	35.8927	39.7513	97.1167	-2.3582	3.86316
-4.80	3.7922	34.7442	38.5364	94.2059	-2.1658	3.79761
-4.60	3.7100	33.3311	37.0410	91.0648	-1.9753	3.71631
-4.40	3.6139	31.6858	35.2998	87.7329	-1.7867	3.62126
-4.20	3.5094	29.8985	33.4079	84.3053	-1.5994	3.51773
-4.00	3.4036	28.0958	31.4994	80.9110	-1.4127	3.41308
-3.80	3.3040	26.4059	29.7099	77.6770	-1.2256	3.31472
-3.60	3.2159	24.9244	28.1403	74.6948	-1.0373	3.22812
-3.40	3.1417	23.6957	26.8374	72.0029	-0.8475	3.15571
-3.20	3.0804	22.7120	25.7924	69.5870	-0.6560	3.09680
-3.00	3.0289	21.9262	24.9551	67.3947	-0.4634	3.04828
-2.80	2.9825	21.2695	24.2520	65.3539	-0.2701	3.00565
-2.60	2.9361	20.6661	23.6023	63.3877	-0.0769	2.96381
-2.40	2.8848	20.0444	22.9291	61.4253	0.1155	2.91780
-2.20	2.8243	19.3444	22.1687	59.4105	0.3063	2.86336
-2.00	2.7521	18.5273	21.2794	57.3089	0.4950	2.79769
-1.80	2.6679	17.5821	20.2500	55.1153	0.6815	2.72014
-1.60	2.5737	16.5295	19.1033	52.8556	0.8659	2.63254
-1.40	2.4737	15.4159	17.8896	50.5797	1.0487	2.53877
-1.20	2.3726	14.3003	16.6729	48.3484	1.2306	2.44370
-1.00	2.2747	13.2394	15.5142	46.2177	1.4123	2.35190
-0.80	2.1829	12.2756	14.4586	44.2278	1.5944	2.26662
-0.60	2.0981	11.4311	13.5293	42.3979	1.7772	2.18928
-0.40	2.0194	10.7081	12.7275	40.7270	1.9606	2.11945
-0.20	1.9445	10.0927	12.0372	39.1991	2.1442	2.05529
0.0	1.8708	9.5626	11.4334	37.7905	2.3274	1.99437
0.20	1.7964	9.0943	10.8907	36.4778	2.5098	1.93452
0.40	1.7200	8.6695	10.3896	35.2433	2.6909	1.87458
0.60	1.6421	8.2771	9.9192	34.0768	2.8708	1.81473
0.80	1.5637	7.9132	9.4769	32.9748	3.0495	1.75642
1.00	1.4863	7.5789	9.0652	31.9383	3.2275	1.70213
1.20	1.4106	7.2784	8.6889	30.9708	3.4047	1.65531
1.40	1.3352	7.0180	8.3532	30.0782	3.5809	1.62100
1.60	1.2521	6.8113	8.0634	29.2752	3.7530	1.60962
1.80	1.1109	6.7208	7.8317	28.6353	3.9010	1.66380

T= 31500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.8916	36.0034	39.8950	97.8026	-2.3476	3.89614
-4.80	3.8337	35.0100	38.8438	95.0300	-2.1541	3.83921
-4.60	3.7606	33.7674	37.5280	92.0381	-1.9624	3.76707
-4.40	3.6721	32.2719	35.9440	88.8307	-1.7728	3.67966
-4.20	3.5716	30.5786	34.1502	85.4692	-1.5848	3.58032
-4.00	3.4655	28.7937	32.2592	82.0640	-1.3979	3.47534
-3.80	3.3612	27.0464	30.4076	78.7451	-1.2112	3.37233
-3.60	3.2654	25.4527	28.7181	75.6260	-1.0238	3.27805
-3.40	3.1824	24.0870	27.2693	72.7763	-0.8349	3.19678
-3.20	3.1129	22.9707	26.0836	70.2111	-0.6445	3.12959
-3.00	3.0550	22.0778	25.1328	67.8982	-0.4527	3.07462

T= 31500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-2.80	3.0048	21.3504	24.3552	65.7757	-0.2599	3.02804
-2.60	2.9572	20.7155	23.6727	63.7681	-0.0668	2.98493
-2.40	2.9070	20.0988	23.0058	61.8010	0.1258	2.94013
-2.20	2.8496	19.4343	22.2839	59.8106	0.3171	2.88895
-2.00	2.7817	18.6726	21.4542	57.7518	0.5066	2.82780
-1.80	2.7018	17.7897	20.4915	55.6060	0.6940	2.75500
-1.60	2.6109	16.7923	19.4032	53.3850	0.8791	2.67129
-1.40	2.5124	15.7156	18.2279	51.1284	1.0624	2.57968
-1.20	2.4107	14.6130	17.0237	48.8923	1.2445	2.48467
-1.00	2.3105	13.5417	15.8522	46.7342	1.4260	2.39095
-0.80	2.2151	12.5493	14.7643	44.7000	1.6077	2.30232
-0.60	2.1261	11.5654	13.7915	42.8169	1.7899	2.22087
-0.40	2.0433	10.8998	12.9431	41.0916	1.9726	2.14688
-0.20	1.9649	10.2449	12.2098	39.5139	2.1556	2.07905
0.0	1.8886	9.6821	11.5706	38.0639	2.3384	2.01522
0.20	1.8121	9.1893	11.0014	36.7190	2.5205	1.95328
0.40	1.7344	8.7474	10.4818	35.4605	2.7015	1.89189
0.60	1.6554	8.3438	9.9992	34.2764	2.8812	1.83103
0.80	1.5760	7.9729	9.5488	33.1615	3.0599	1.77194
1.00	1.4974	7.6343	9.1317	32.1154	3.2376	1.71701
1.20	1.4204	7.3313	8.7517	31.1407	3.4147	1.66966
1.40	1.3434	7.0703	8.4137	30.2432	3.5905	1.63512
1.60	1.2579	6.8655	8.1234	29.4388	3.7620	1.62443
1.80	1.1083	6.7878	7.8961	28.8104	3.9069	1.68497

T= 32000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	3.9199	36.0427	39.9626	98.4093	-2.3376	3.92449
-4.80	3.8693	35.1735	39.0428	95.7462	-2.1432	3.87476
-4.60	3.8047	34.0871	37.8919	92.8922	-1.9505	3.81131
-4.40	3.7246	32.7497	36.4743	89.8206	-1.7598	3.73236
-4.20	3.6303	31.1807	34.8110	86.5576	-1.5709	3.63923
-4.00	3.5263	29.4570	32.9833	83.1859	-1.3835	3.53657
-3.80	3.4198	27.6962	31.1160	79.8259	-1.1968	3.43143
-3.60	3.3182	26.0237	29.3418	76.6023	-1.0100	3.33126
-3.40	3.2270	24.5383	27.7653	73.6103	-0.8221	3.24190
-3.20	3.1492	23.2910	26.4401	70.8955	-0.6327	3.16624
-3.00	3.0841	22.2810	25.3651	68.4507	-0.4417	3.10397
-2.80	3.0288	21.4665	24.4953	66.2289	-0.2496	3.05222
-2.60	2.9786	20.7816	23.7603	64.1609	-0.0568	3.00650
-2.40	2.9284	20.1521	23.0805	62.1711	0.1358	2.96166
-2.20	2.8732	19.5072	22.3804	60.1902	0.3275	2.91268
-2.00	2.8088	18.7896	21.5984	58.1638	0.5177	2.85536
-1.80	2.7330	17.9634	20.6965	56.0612	0.7058	2.78710
-1.60	2.6458	17.0220	19.6677	53.8809	0.8917	2.70755
-1.40	2.5494	15.9881	18.5375	51.6506	1.0756	2.61877
-1.20	2.4480	14.9076	17.3557	49.4194	1.2580	2.52469
-1.00	2.3462	13.8359	16.1821	47.2439	1.4395	2.42993
-0.80	2.2477	12.8235	15.0712	45.1740	1.6209	2.33864
-0.60	2.1549	11.9065	14.0615	43.2436	1.8026	2.25354
-0.40	2.0681	11.1019	13.1701	41.4669	1.9847	2.17558
-0.20	1.9862	10.4085	12.3947	39.8402	2.1672	2.10405
0.0	1.9070	9.8122	11.7192	38.3475	2.3495	2.03714
0.20	1.8284	9.2931	11.1215	36.9683	2.5312	1.97286

T= 32000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
0.40	1.7491	8.8319	10.5810	35.6835	2.7120	1.90982
0.60	1.6688	8.4152	10.0839	34.4797	2.8915	1.84776
0.80	1.5882	8.0355	9.6237	33.3501	3.0701	1.78778
1.00	1.5085	7.6913	9.1998	32.2930	3.2477	1.73212
1.20	1.4301	7.3850	8.8151	31.3101	3.4245	1.68421
1.40	1.3515	7.1225	8.4741	30.4072	3.6000	1.64947
1.60	1.2635	6.9196	8.1831	29.6014	3.7707	1.63964
1.80	1.1044	6.8561	7.9605	28.9860	3.9123	1.70749

T= 32500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	3.9451	36.0398	39.9849	98.9652	-2.3281	3.94965
-4.80	3.8999	35.2592	39.1590	96.3779	-2.1331	3.90538
-4.60	3.8429	34.3051	38.1481	93.6405	-1.9395	3.84958
-4.40	3.7713	33.1205	36.8917	90.7021	-1.7476	3.77914
-4.20	3.6843	31.6921	35.3764	87.5565	-1.5578	3.69346
-4.00	3.5847	30.0638	33.6485	84.2541	-1.3697	3.59532
-3.80	3.4785	28.3312	31.8097	80.8952	-1.1827	3.49057
-3.60	3.3731	26.6173	29.9904	77.6039	-0.9961	3.38666
-3.40	3.2751	25.0372	28.3123	74.4935	-0.8089	3.29050
-3.20	3.1891	23.6684	26.8576	71.5368	-0.6204	3.20669
-3.00	3.1164	22.5376	25.6540	69.0547	-0.4305	3.13662
-2.80	3.0550	21.6237	24.6787	66.7201	-0.2391	3.07869
-2.60	3.0011	20.8723	23.8734	64.5744	-0.0468	3.02914
-2.40	2.9497	20.2125	23.1622	62.5444	0.1457	2.98302
-2.20	2.8955	19.5714	22.4669	60.5573	0.3376	2.93513
-2.00	2.8340	18.8851	21.7190	58.5514	0.5283	2.88080
-1.80	2.7619	18.1079	20.8698	56.4853	0.7171	2.81665
-1.60	2.6783	17.2203	19.8986	54.3447	0.9037	2.74131
-1.40	2.5847	16.2328	18.8174	52.1450	1.0883	2.65585
-1.20	2.4843	15.1817	17.6660	49.9268	1.2711	2.56344
-1.00	2.3816	14.1184	16.5000	47.7431	1.4527	2.46846
-0.80	2.2807	13.0946	15.3753	45.6460	1.6340	2.37525
-0.60	2.1845	12.1513	14.3358	43.6748	1.8152	2.28703
-0.40	2.0939	11.3120	13.4059	41.8507	1.9968	2.20539
-0.20	2.0084	10.5821	12.5905	40.1764	2.1787	2.13021
0.0	1.9262	9.9523	11.8785	38.6408	2.3606	2.06013
0.20	1.8452	9.4056	11.2508	37.2258	2.5419	1.99334
0.40	1.7641	8.9235	10.6877	35.9127	2.7224	1.92843
0.60	1.6824	8.4917	10.1741	34.6873	2.9018	1.86501
0.80	1.6005	8.1017	9.7022	33.5414	3.0801	1.80400
1.00	1.5195	7.7506	9.2701	32.4720	3.2576	1.74754
1.20	1.4398	7.4399	8.8796	31.4799	3.4342	1.69906
1.40	1.3595	7.1755	8.5350	30.5710	3.6093	1.66415
1.60	1.2688	6.9741	8.2430	29.7636	3.7793	1.65531
1.80	1.0991	6.9262	8.0253	29.1629	3.9169	1.73154

T= 33000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	3.9635	36.0223	39.9908	99.4978	-2.3189	3.97305
-4.80	3.9268	35.2924	39.2192	96.9497	-2.1234	3.93233
-4.60	3.8761	34.4407	38.3167	94.3009	-1.9291	3.88274
-4.40	3.8122	33.3928	37.2050	91.4822	-1.7363	3.82018

T= 33000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.20	3.7331	32.1084	35.8415	88.4599	-1.5454	3.74248
-4.00	3.6396	30.5983	34.2379	85.2518	-1.3564	3.65048
-3.80	3.5359	28.9299	32.4659	81.9310	-1.1690	3.54840
-3.60	3.4289	27.2129	30.6418	78.5104	-0.9823	3.44303
-3.40	3.3258	25.5684	28.8942	75.4109	-0.7956	3.34177
-3.20	3.2325	24.0950	27.3276	72.4280	-0.6079	3.25060
-3.00	3.1519	22.8464	25.9984	69.7099	-0.4189	3.17266
-2.80	3.0838	21.8255	24.9093	67.2536	-0.2284	3.10784
-2.60	3.0251	20.9938	24.0189	65.0154	-0.0367	3.05337
-2.40	2.9713	20.2876	23.2589	62.9287	0.1555	3.00478
-2.20	2.9171	19.6345	22.5516	60.9196	0.3475	2.95686
-2.00	2.8575	18.9660	21.8235	58.9212	0.5385	2.90460
-1.80	2.7987	18.2281	21.0168	56.8829	0.7279	2.84395
-1.60	2.7087	17.3900	20.0988	54.7786	0.9153	2.77268
-1.40	2.6180	16.4499	19.0679	52.6117	1.1005	2.69081
-1.20	2.5192	15.4336	17.9528	50.4124	1.2838	2.60068
-1.00	2.4164	14.3864	16.8027	48.2287	1.4657	2.50624
-0.80	2.3137	13.3592	15.6730	46.1125	1.6468	2.41183
-0.60	2.2146	12.3965	14.6111	44.1074	1.8278	2.32107
-0.40	2.1205	11.5275	13.6480	42.2405	2.0089	2.23611
-0.20	2.0314	10.7638	12.7952	40.5210	2.1903	2.15744
0.0	1.9461	10.1014	12.0475	38.9429	2.3717	2.08415
0.20	1.8626	9.5265	11.3891	37.4912	2.5526	2.01473
0.40	1.7795	9.0222	10.8017	36.1483	2.7328	1.94778
0.60	1.6962	8.5738	10.2700	34.8996	2.9120	1.88284
0.80	1.6130	8.1719	9.7849	33.7358	3.0901	1.82069
1.00	1.5306	7.8126	9.3432	32.6528	3.2674	1.76336
1.20	1.4494	7.4965	8.9460	31.6506	3.4437	1.71427
1.40	1.3674	7.2295	8.5969	30.7350	3.6184	1.67922
1.60	1.2739	7.0295	8.3035	29.9259	3.7877	1.67154
1.80	1.0923	6.9984	8.0907	29.3415	3.9208	1.75735

T= 33500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	3.9915	36.0161	40.0076	100.0332	-2.3098	3.99606
-4.80	3.9514	35.2983	39.2497	97.4864	-2.1142	3.95689
-4.60	3.9051	34.5155	38.4206	94.8942	-1.9193	3.91182
-4.40	3.8480	33.5808	37.4288	92.1738	-1.7257	3.85606
-4.20	3.7767	32.4327	36.2094	89.2696	-1.5338	3.78620
-4.00	3.6902	31.0522	34.7424	86.1693	-1.3439	3.70130
-3.80	3.5909	29.4755	33.0664	82.9157	-1.1558	3.60376
-3.60	3.4845	27.7907	31.2752	79.6017	-0.9688	3.49914
-3.40	3.3782	26.1149	29.4931	76.3459	-0.7823	3.39473
-3.20	3.2788	24.5599	27.8386	73.2585	-0.5952	3.29745
-3.00	3.1907	23.2031	26.3938	70.4127	-0.4071	3.21199
-2.80	3.1154	22.0729	25.1883	67.8310	-0.2174	3.13990
-2.60	3.0511	21.1506	24.2017	65.4890	-0.0265	3.07964
-2.40	2.9938	20.3838	23.3776	63.3306	0.1653	3.02747
-2.20	2.9385	19.7035	22.6420	61.2844	0.3572	2.97840
-2.00	2.8799	19.0390	21.9189	59.2799	0.5484	2.92722
-1.80	2.8137	18.3296	21.1433	57.2593	0.7383	2.86939
-1.60	2.7371	17.5348	20.2719	55.1860	0.9263	2.80184
-1.40	2.6494	16.6409	19.2903	53.0514	1.1122	2.72365
-1.20	2.5527	15.6626	18.2153	50.8752	1.2960	2.63625

T= 33500						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-1.00	2.4503	14.6377	17.0881	48.6982	1.4783	2.54300
-0.80	2.3465	13.6146	15.9612	46.5707	1.6595	2.44809
-0.60	2.2449	12.6394	14.8843	44.5385	1.8402	2.35539
-0.40	2.1476	11.7460	13.8936	42.6339	2.0210	2.26754
-0.20	2.0552	10.9518	13.0070	40.8723	2.2019	2.18560
0.0	1.9667	10.2582	12.2249	39.2528	2.3828	2.10917
0.20	1.8805	9.6552	11.5357	37.7640	2.5633	2.03701
0.40	1.7953	9.1276	10.9230	36.3902	2.7432	1.96790
0.60	1.7103	8.6614	10.3717	35.1168	2.9221	1.90131
0.80	1.6256	8.2463	9.8719	33.9337	3.1001	1.83789
1.00	1.5418	7.8777	9.4195	32.8358	3.2771	1.77961
1.20	1.4591	7.5554	9.0145	31.8227	3.4531	1.72989
1.40	1.3752	7.2851	8.6603	30.8997	3.6274	1.69474
1.60	1.2788	7.0862	8.3650	30.0887	3.7958	1.68837
1.80	1.0838	7.0733	8.1571	29.5221	3.9240	1.78509

T= 34000						
LOG RHO	Z	E/RT	H/RT	S/R	LJG P	Z*
-5.00	4.0155	36.0447	40.0601	100.5954	-2.3008	4.01997
-4.80	3.9748	35.3008	39.2756	98.0117	-2.1052	3.98032
-4.60	3.9313	34.5517	38.4830	95.4421	-1.9100	3.93795
-4.40	3.8795	33.7019	37.5814	92.7934	-1.7157	3.88759
-4.20	3.8153	32.6738	36.4891	89.9930	-1.5230	3.82489
-4.00	3.7361	31.4234	35.1595	87.0033	-1.3321	3.74743
-3.80	3.6426	29.9563	33.5989	83.8368	-1.1431	3.65576
-3.60	3.5388	28.3338	31.8726	80.5606	-0.9557	3.55387
-3.40	3.4313	26.6595	30.0908	77.2815	-0.7691	3.44835
-3.20	3.3272	25.0498	28.3770	74.1159	-0.5824	3.34651
-3.00	3.2324	23.6005	26.8329	71.1566	-0.3950	3.25431
-2.80	3.1499	22.3645	25.5143	68.4516	-0.2062	3.17492
-2.60	3.0793	21.3454	24.4247	65.9987	-0.0161	3.10827
-2.40	3.0175	20.5061	23.5237	63.7558	0.1751	3.05155
-2.20	2.9601	19.7846	22.7447	61.6579	0.3668	3.00024
-2.00	2.9016	19.1103	22.0119	59.6339	0.5581	2.94914
-1.80	2.8373	18.4181	21.2553	57.6200	0.7484	2.89332
-1.60	2.7635	17.6587	20.4223	55.5706	0.9369	2.82902
-1.40	2.6790	16.8078	19.4868	53.4661	1.1235	2.75442
-1.20	2.5846	15.8689	18.4535	51.3150	1.3079	2.67005
-1.00	2.4832	14.8711	17.3544	49.1502	1.4905	2.57854
-0.80	2.3789	13.9585	16.2374	47.0181	1.6719	2.48378
-0.60	2.2753	12.8773	15.1526	44.9654	1.8525	2.38974
-0.40	2.1752	11.7650	14.1402	43.0285	2.0330	2.29947
-0.20	2.0796	11.1442	13.2237	41.2283	2.2134	2.21454
0.0	1.9879	10.4214	12.4093	39.5691	2.3939	2.13506
0.20	1.8991	9.7907	11.6898	38.0436	2.5740	2.06017
0.40	1.8116	9.2396	11.0512	36.6382	2.7535	1.98880
0.60	1.7247	8.7545	10.4792	35.3389	2.9322	1.92043
0.80	1.6384	8.3252	9.9636	34.1353	3.1099	1.85566
1.00	1.5531	7.9461	9.4992	33.0215	3.2867	1.79636
1.20	1.4687	7.6167	9.0855	31.9964	3.4624	1.74598
1.40	1.3830	7.3426	8.7255	31.0655	3.6363	1.71076
1.60	1.2834	7.1443	8.4278	30.2522	3.8038	1.70586
1.80	1.0733	7.1509	8.2243	29.7051	3.9262	1.81498

T= 34500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	4.0414	36.1287	40.1701	101.2061	-2.2916	4.04597
-4.80	3.9984	35.3216	39.3200	98.5480	-2.0963	4.00385
-4.60	3.9556	34.5709	38.5266	95.9658	-1.9010	3.96229
-4.40	3.9076	33.7750	37.6826	93.3590	-1.7063	3.91572
-4.20	3.8494	32.8445	36.6939	90.6420	-1.5128	3.85911
-4.00	3.7773	31.7157	35.4930	87.7565	-1.3210	3.78885
-3.80	3.6904	30.3665	34.0568	84.6873	-1.1311	3.70383
-3.60	3.5908	28.8290	32.4198	81.4730	-0.9430	3.60628
-3.40	3.4840	27.1865	30.6705	78.2014	-0.7561	3.50160
-3.20	3.3770	25.5507	28.9277	74.9861	-0.5697	3.39695
-3.00	3.2766	24.0291	27.3057	71.9329	-0.3828	3.29914
-2.80	3.1871	22.6962	25.8833	69.1121	-0.1948	3.21280
-2.60	3.1099	21.5788	24.6887	66.5453	-0.0054	3.13941
-2.40	3.0430	20.6583	23.7013	64.2083	0.1851	3.07737
-2.20	2.9824	19.8831	22.8655	62.0459	0.3764	3.02285
-2.00	2.9230	19.1859	22.1089	59.9889	0.5677	2.97082
-1.80	2.8598	18.4989	21.3586	57.9702	0.7581	2.91614
-1.60	2.7885	17.7661	20.5546	55.9366	0.9472	2.85450
-1.40	2.7068	16.9533	19.6602	53.8581	1.1343	2.78327
-1.20	2.6149	16.0534	18.6684	51.7325	1.3193	2.70205
-1.00	2.5150	15.0859	17.6009	49.5837	1.5024	2.61271
-0.80	2.4106	14.0891	16.4998	47.4527	1.6839	2.51868
-0.60	2.3056	13.1080	15.4136	45.3857	1.8646	2.42389
-0.40	2.2031	12.1822	14.3853	43.4220	2.0448	2.33168
-0.20	2.1044	11.3389	13.4433	41.5871	2.2250	2.24409
0.0	2.0098	10.5894	12.5992	39.8905	2.4050	2.16174
0.20	1.9181	9.9322	11.8504	38.3290	2.5847	2.08415
0.40	1.8283	9.3575	11.1858	36.8918	2.7639	2.01046
0.60	1.7394	8.8530	10.5924	35.5658	2.9422	1.94024
0.80	1.6514	8.4085	10.0598	34.3407	3.1197	1.87402
1.00	1.5644	8.0181	9.5825	33.2099	3.2962	1.81364
1.20	1.4785	7.6807	9.1592	32.1720	3.4716	1.76257
1.40	1.3907	7.4020	8.7927	31.2325	3.6450	1.72731
1.60	1.2879	7.2041	8.4920	30.4167	3.8117	1.72404
1.80	1.0606	7.2317	8.2923	29.8908	3.9274	1.84727

T= 35000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	4.0706	36.2854	40.3560	101.8838	-2.2823	4.07510
-4.80	4.0231	35.3806	39.4038	99.1157	-2.0874	4.02860
-4.60	3.9793	34.5935	38.5728	96.4859	-1.8921	3.98595
-4.40	3.9334	33.8192	37.7526	93.8896	-1.6972	3.94144
-4.20	3.8798	32.9602	36.8401	91.2311	-1.5031	3.88958
-4.00	3.8142	31.9374	35.7516	88.4362	-1.3105	3.82586
-3.80	3.7340	30.7052	34.4393	85.4655	-1.1198	3.74772
-3.60	3.6398	29.2675	32.9073	82.3295	-0.9309	3.65565
-3.40	3.5354	27.6822	31.2176	79.0919	-0.7435	3.55354
-3.20	3.4273	26.0487	29.4760	75.8553	-0.5570	3.44788
-3.00	3.3226	24.4782	27.8008	72.7309	-0.3705	3.34585
-2.80	3.2269	23.0620	26.2889	69.8071	-0.1831	3.25326
-2.60	3.1430	21.8495	24.9925	67.1284	0.0054	3.17312
-2.40	3.0703	20.8424	23.9127	64.6909	0.1952	3.10520
-2.20	3.0058	20.0032	23.0090	62.4530	0.3860	3.04660
-2.00	2.9446	19.2708	22.2155	60.3505	0.5771	2.99268

T= 35000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.80	2.8816	18.5772	21.4588	58.3153	0.7677	2.93826
-1.60	2.8121	17.8515	20.6735	56.2882	0.9571	2.87860
-1.40	2.7331	17.0807	19.8138	54.2304	1.1447	2.81037
-1.20	2.6437	16.2177	18.8614	52.1290	1.3303	2.73229
-1.00	2.5455	15.2821	17.8276	49.9983	1.5138	2.64541
-0.80	2.4416	14.3054	16.7470	47.8732	1.6957	2.55259
-0.60	2.3357	13.3297	15.6654	45.7976	1.8765	2.45761
-0.40	2.2310	12.3958	14.6268	43.8123	2.0566	2.36396
-0.20	2.1297	11.5341	13.6638	41.9468	2.2364	2.27409
0.0	2.0321	10.7609	12.7930	40.2155	2.4160	2.18908
0.20	1.9377	10.0787	12.0164	38.6194	2.5953	2.10887
0.40	1.8454	9.4807	11.3261	37.1504	2.7742	2.03286
0.60	1.7545	8.9564	10.7108	35.7973	2.9522	1.96072
0.80	1.6646	8.4960	10.1606	34.5498	3.1294	1.89299
1.00	1.5760	8.0935	9.6695	33.4012	3.3056	1.83149
1.20	1.4882	7.7475	9.2357	32.3497	3.4807	1.77971
1.40	1.3984	7.4636	8.8620	31.4010	3.6537	1.74443
1.60	1.2921	7.2656	8.5577	30.5823	3.8194	1.74294
1.80	1.0453	7.3159	8.3612	30.0796	3.9273	1.88227

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13. ABSTRACT Equilibrium thermodynamic data are presented for argon from a temperature of 300 to 35,000°K and from a log ρ of -7.0 to 2.4, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are Z, E/RT, H/RT, S/R, logP, and Z*. Several sources were used in assembling the data.			

14.

KEY WORDS

1. argon --
thermodynamic properties
tables (data)

2. Argon -- Properties

3. " -- Table

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LINK A

LINK B

LINK C

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ROLE

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