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VOLUME IV

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF NITROGEN VOLUME IV. CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

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FOREWORD

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

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This technical report has been reviewed and is approved.

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ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from a temperature of 100 to 15,000°K and from a log ρ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used in assembling the data.

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TABLE I

THERMODYNAMIC DATA AT CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA FOR NITROGEN ix

NOMENCLATURE

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

CONSTANTS FOR USE WITH NITROGEN TABLES

T_o = 273.15°K

Gravitational Constant = 32.174 ft/sec^2

1 Btu = 778.158 ft-lb

1 gm-cal = 42,692.8 gm-cm

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

P_o = 1.0 atm

= 1.03323×10^3 gm/cm^2

= 14.6959 psi

= 2116.22 psf

= 760 mm Hg

= 1.013246×10^5 newtons/m^2

γ = 1.4 for AA calculation

AA = 1105.661 ft/sec

= 362.750 m/sec

Molecular Weight = 28.0134

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

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

= 3196.793 ft^2/sec^2 °K

= 1775.996 ft^2/sec^2 °R

= 3.66099×10^{-3} atm/amagat °K

ρ_o = 1.0 amagat

= 4.45868×10^{-5} gm-mole/cm^3

= 1.24903×10^{-3} gm/cm^3

= 7.79747×10^{-2} lb/ft^3

= 2.42353×10^{-3} slugs/ft^3

DISCUSSION

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

Table I presents these data from 100 to 15,000°K in increments of 100 deg over a varying density range between a log ρ of -7.0 and a log ρ of 3.0 in increments of 0.2, where density is in amagats. Each set of data is at a constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA in that order. Constants for reducing the data to various dimensional units are found in the nomenclature.

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TABLE I

THERMODYNAMIC DATA AT CONSTANT TEMPERATURE WITH SPECIFIC HEAT AND SPEED OF SOUND DATA FOR NITROGEN

T= 100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-7.4364	1.0000	0.0	2.4955	0.0	0.0	0.0
-6.80	-7.2364	1.0000	0.0	2.4955	0.0	1.3998	0.6050
-6.60	-7.0364	1.0000	0.0	2.4955	0.0	1.3998	0.6050
-6.40	-6.8364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-6.20	-6.6364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-6.00	-6.4364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-5.80	-6.2364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-5.60	-6.0364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-5.40	-5.8364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-5.20	-5.6364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-5.00	-5.4364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-4.80	-5.2364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-4.60	-5.0364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-4.40	-4.8364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-4.20	-4.6364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-4.00	-4.4364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-3.80	-4.2364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-3.60	-4.0364	1.0000	3.5008	2.4955	1.4029	1.3998	0.6050
-3.40	-3.8364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-3.20	-3.6364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-3.00	-3.4364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-2.80	-3.2364	1.0000	3.5008	2.4955	1.4028	1.3998	0.6050
-2.60	-3.0364	1.0000	3.5008	2.4955	1.4029	1.4002	0.6051
-2.40	-2.8364	1.0000	3.5008	2.4955	1.4029	1.4003	0.6051
-2.20	-2.6364	1.0000	3.5008	2.4955	1.4029	1.4002	0.6051
-2.00	-2.4364	1.0000	3.5008	2.4955	1.4028	1.4002	0.6051
-1.80	-2.2364	1.0000	3.5008	2.4955	1.4029	1.4001	0.6051
-1.60	-2.0364	1.0000	3.5008	2.4954	1.4029	1.4001	0.6051
-1.40	-1.8364	0.9996	3.5013	2.4953	1.4032	1.4000	0.6049
-1.20	-1.6366	0.9992	3.5019	2.4952	1.4035	1.4001	0.6049
-1.00	-1.4367	0.9989	3.5025	2.4951	1.4037	1.4002	0.6048
-0.80	-1.2368	0.9986	3.5031	2.4949	1.4041	1.4004	0.6047
-0.60	-1.0370	0.9983	3.5037	2.4944	1.4046	1.4039	0.6054
-0.40	-0.8376	0.9965	3.5065	2.4940	1.4060	1.4053	0.6052
-0.20	-0.6384	0.9944	3.5094	2.4931	1.4077	1.4052	0.6045
0.0	-0.4392	0.9923	3.5131	2.4909	1.4104	1.4052	0.6039
0.20	-0.2409	0.9886	3.5293	2.4853	1.4201	1.4056	0.6028
0.40	-0.0437	0.9831	3.5488	2.4817	1.4300	1.4071	0.6014
0.60	0.1513	0.9721	3.5683	2.4758	1.4413	1.4103	0.5988
0.80	0.3449	0.9579	3.5935	2.4664	1.4570	1.4144	0.5952
1.00	0.5338	0.9339	3.6370	2.4522	1.4832	1.4234	0.5896
1.20	0.7184	0.9013	0.0	2.4275	0.0	0.0	0.0

T= 200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-7.1354	1.0000	0.0	2.5043	0.0	0.0	0.0
-6.80	-6.9354	1.0000	3.5025	2.5043	1.3986	1.3997	0.8556
-6.60	-6.7354	1.0000	3.5034	2.5043	1.3989	1.3997	0.8556
-6.40	-6.5354	1.0000	3.5034	2.5043	1.3989	1.3997	0.8556
-6.20	-6.3354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-6.00	-6.1354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-5.80	-5.9354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-5.60	-5.7354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-5.40	-5.5354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556

T= 200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-5.3354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-5.00	-5.1354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-4.80	-4.9354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-4.60	-4.7354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-4.40	-4.5354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-4.20	-4.3354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-4.00	-4.1354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-3.80	-3.9354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-3.60	-3.7354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-3.40	-3.5354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-3.20	-3.3354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-3.00	-3.1354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-2.80	-2.9354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-2.60	-2.7354	1.0000	3.5034	2.5043	1.3989	1.3998	0.8556
-2.40	-2.5354	1.0000	3.5034	2.5043	1.3989	1.4001	0.8557
-2.20	-2.3354	1.0000	3.5034	2.5043	1.3989	1.4001	0.8557
-2.00	-2.1354	1.0000	3.5034	2.5043	1.3989	1.4001	0.8557
-1.80	-1.9351	1.0000	3.5036	2.5043	1.3990	1.4001	0.8557
-1.60	-1.7352	0.9999	3.5040	2.5042	1.3992	1.4001	0.8557
-1.40	-1.5352	0.9999	3.5044	2.5044	1.3993	1.4001	0.8557
-1.20	-1.3352	0.9998	3.5048	2.5048	1.3992	1.4001	0.8556
-1.00	-1.1353	0.9998	3.5052	2.5053	1.3991	1.4001	0.8556
-0.80	-0.9353	0.9997	3.5064	2.5056	1.3994	1.4000	0.8556
-0.60	-0.7354	0.9995	3.5085	2.5057	1.4002	1.4009	0.8558
-0.40	-0.5355	0.9993	3.5103	2.5072	1.4001	1.4051	0.8569
-0.20	-0.3356	0.9990	3.5162	2.5086	1.4017	1.4054	0.8569
0.0	-0.1359	0.9984	3.5286	2.5076	1.4072	1.4058	0.8568
0.20	0.0637	0.9975	3.5420	2.5163	1.4076	1.4065	0.8566
0.40	0.2630	0.9963	3.5552	2.5333	1.4034	1.4076	0.8564
0.60	0.4620	0.9941	3.5771	2.5438	1.4062	1.4092	0.8559
0.80	0.6604	0.9902	3.6205	2.5504	1.4196	1.4116	0.8550
1.00	0.8579	0.9846	3.5682	2.5660	1.3906	1.4156	0.8538
1.20	1.0538	0.9754	3.6109	2.5886	1.3949	1.4228	0.8520
1.40	1.2478	0.9620	3.6691	0.0	0.0	1.4354	0.8498
1.60	1.4387	0.9422	3.7654	0.0	0.0	1.4577	0.8475
1.80	1.6255	0.9138	3.9248	0.0	0.0	1.4998	0.8466
2.00	1.8075	0.8768	4.1824	0.0	0.0	1.8409	0.9188
2.20	1.9913	0.8446	4.5758	0.0	0.0	2.2541	0.9978
2.40	2.2019	0.8655	5.0056	0.0	0.0	3.0862	1.1814
2.60	2.5298	1.1625	5.3515	0.0	0.0	4.5804	1.6688
2.80	3.2039	3.4768	0.0	0.0	0.0	0.0	0.0

T= 300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.9593	1.0000	0.0	2.5166	0.0	0.0	0.0
-6.80	-6.7593	1.0000	3.5197	2.5166	1.3986	1.3986	1.0475
-6.60	-6.5593	1.0000	3.5189	2.5166	1.3983	1.3988	1.0475
-6.40	-6.3593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-6.20	-6.1593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-6.00	-5.9593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-5.80	-5.7593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-5.60	-5.5593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-5.40	-5.3593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-5.20	-5.1593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477

T= 300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.9593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-4.80	-4.7593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-4.60	-4.5593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-4.40	-4.3593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-4.20	-4.1593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-4.00	-3.9593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-3.80	-3.7593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-3.60	-3.5593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-3.40	-3.3593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-3.20	-3.1593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-3.00	-2.9593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-2.80	-2.7593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-2.60	-2.5593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-2.40	-2.3593	1.0000	3.5189	2.5166	1.3983	1.3992	1.0477
-2.20	-2.1593	1.0000	3.5189	2.5166	1.3983	1.3993	1.0477
-2.00	-1.9590	1.0000	3.5189	2.5165	1.3983	1.3994	1.0478
-1.80	-1.7590	1.0000	3.5190	2.5165	1.3984	1.3995	1.0478
-1.60	-1.5591	1.0000	3.5192	2.5165	1.3984	1.3996	1.0478
-1.40	-1.3591	1.0000	3.5193	2.5166	1.3984	1.3993	1.0477
-1.20	-1.1591	1.0000	3.5194	2.5167	1.3984	1.3993	1.0477
-1.00	-0.9591	1.0000	3.5197	2.5167	1.3985	1.3994	1.0478
-0.80	-0.7591	1.0000	3.5203	2.5169	1.3987	1.3992	1.0477
-0.60	-0.5591	1.0000	3.5209	2.5174	1.3986	1.4033	1.0492
-0.40	-0.3591	1.0000	3.5220	2.5178	1.3988	1.4083	1.0511
-0.20	-0.1592	1.0000	3.5245	2.5184	1.3995	1.4094	1.0515
0.0	0.0407	1.0000	3.5301	2.5194	1.4012	1.4101	1.0518
0.20	0.2407	0.9999	3.5338	2.5237	1.4002	1.4112	1.0521
0.40	0.4406	0.9998	3.5391	2.5237	1.4024	1.4125	1.0526
0.60	0.6406	0.9997	3.5485	2.5248	1.4055	1.4111	1.0520
0.80	0.8404	0.9993	3.5628	2.5268	1.4100	1.4147	1.0531
1.00	1.0402	0.9989	3.5885	2.5297	1.4186	1.4217	1.0555
1.20	1.2399	0.9981	3.6284	2.5375	1.4299	1.4326	1.0591
1.40	1.4395	0.9974	3.6931	2.5469	1.4501	1.4511	1.0655
1.60	1.6394	0.9971	3.8016	2.5636	1.4829	1.4814	1.0765
1.80	1.8405	0.9996	3.9862	2.5953	1.5359	1.5362	1.0976
2.00	2.0450	1.0101	4.2562	2.6477	1.6075	1.6374	1.1389
2.20	2.2610	1.0478	4.5112	2.7457	1.6430	1.8320	1.2269
2.40	2.5097	1.1722	4.6676	2.8507	1.6373	2.2384	1.4347
2.60	2.8544	1.6357	4.7255	3.0886	1.5300	3.1538	2.0134
2.80	3.4272	3.8589	3.7201	3.5252	1.0553	5.1802	3.9601
3.00	4.1978	14.3573	0.0	0.0	0.0	0.0	0.0

T= 400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.8343	1.0000	0.0	2.5404	0.0	0.0	0.0
-6.80	-6.6343	1.0000	3.5407	2.5404	1.3938	1.3944	1.2077
-6.60	-6.4343	1.0000	3.5436	2.5404	1.3949	1.3969	1.2088
-6.40	-6.2343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2087
-6.20	-6.0343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2087
-6.00	-5.8343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2087
-5.80	-5.6343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-5.60	-5.4343	1.0000	3.5434	2.5404	1.3948	1.3968	1.2087
-5.40	-5.2343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2088
-5.20	-5.0343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2087

T= 400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.8343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-4.80	-4.6343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-4.60	-4.4343	1.0000	3.5434	2.5404	1.3948	1.3968	1.2087
-4.40	-4.2343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-4.20	-4.0343	1.0000	3.5435	2.5404	1.3949	1.3968	1.2088
-4.00	-3.8343	1.0000	3.5434	2.5404	1.3948	1.3968	1.2087
-3.80	-3.6343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-3.60	-3.4343	1.0000	3.5434	2.5404	1.3948	1.3968	1.2088
-3.40	-3.2343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-3.20	-3.0343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2088
-3.00	-2.8343	1.0000	3.5434	2.5404	1.3948	1.3968	1.2088
-2.80	-2.6343	1.0000	3.5435	2.5404	1.3948	1.3968	1.2087
-2.60	-2.4343	1.0000	3.5434	2.5404	1.3948	1.3969	1.2088
-2.40	-2.2343	1.0000	3.5435	2.5404	1.3949	1.3974	1.2090
-2.20	-2.0343	1.0000	3.5434	2.5404	1.3948	1.3974	1.2090
-2.00	-1.8344	1.0000	3.5435	2.5402	1.3949	1.3974	1.2090
-1.80	-1.6343	1.0001	3.5434	2.5401	1.3950	1.3970	1.2089
-1.60	-1.4343	1.0001	3.5434	2.5400	1.3950	1.3967	1.2087
-1.40	-1.2342	1.0001	3.5434	2.5399	1.3951	1.3967	1.2088
-1.20	-1.0342	1.0002	3.5434	2.5397	1.3952	1.3968	1.2089
-1.00	-0.8341	1.0003	3.5434	2.5393	1.3954	1.3969	1.2089
-0.80	-0.6341	1.0003	3.5434	2.5390	1.3956	1.3971	1.2091
-0.60	-0.4341	1.0004	3.5433	2.5387	1.3957	1.4013	1.2110
-0.40	-0.2341	1.0006	3.5443	2.5382	1.3964	1.4126	1.2159
-0.20	-0.0340	1.0007	3.5459	2.5374	1.3975	1.4126	1.2160
0.0	0.1660	1.0009	3.5495	2.5382	1.3984	1.4139	1.2167
0.20	0.3662	1.0012	3.5558	2.5401	1.3999	1.4095	1.2149
0.40	0.5663	1.0016	3.5642	2.5418	1.4022	1.4054	1.2134
0.60	0.7666	1.0022	3.5633	2.5431	1.4011	1.4084	1.2151
0.80	0.9671	1.0033	3.5680	2.5440	1.4025	1.4120	1.2173
1.00	1.1678	1.0050	3.5835	2.5481	1.4063	1.4195	1.2215
1.20	1.3690	1.0078	3.6091	2.5523	1.4141	1.4314	1.2284
1.40	1.5710	1.0125	3.6465	2.5533	1.4281	1.4509	1.2396
1.60	1.7746	1.0209	3.6991	2.5546	1.4480	1.4842	1.2589
1.80	1.9813	1.0367	3.7787	2.5554	1.4787	1.5431	1.2935
2.00	2.1945	1.0686	3.8900	2.5557	1.5221	1.6516	1.3587
2.20	2.4224	1.1396	4.0189	2.5557	1.5726	1.8641	1.4906
2.40	2.6844	1.3145	4.1029	2.5580	1.6039	2.3193	1.7856
2.60	3.0325	1.8488	4.1079	2.5949	1.5831	3.2899	2.5227
2.80	3.5631	3.9582	4.3695	2.9059	1.5037	4.8995	4.5039
3.00	4.2834	13.1139	0.0	4.3187	0.0	0.0	0.0

T= 500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.7374	1.0000	0.0	2.5557	0.0	0.0	0.0
-6.80	-6.5374	1.0000	3.5577	2.5557	1.3921	1.3863	1.3463
-6.60	-6.3374	1.0000	3.5586	2.5557	1.3924	1.3910	1.3486
-6.40	-6.1374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-6.20	-5.9374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-6.00	-5.7374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-5.80	-5.5374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3485
-5.60	-5.3374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-5.40	-5.1374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-5.20	-4.9374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486

T= 500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.7374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-4.80	-4.5374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-4.60	-4.3374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-4.40	-4.1374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-4.20	-3.9374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-4.00	-3.7374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-3.80	-3.5374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-3.60	-3.3374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-3.40	-3.1374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-3.20	-2.9374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-3.00	-2.7374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-2.80	-2.5374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3485
-2.60	-2.3374	1.0000	3.5586	2.5557	1.3924	1.3909	1.3486
-2.40	-2.1374	1.0000	3.5586	2.5557	1.3924	1.3916	1.3489
-2.20	-1.9372	1.0000	3.5586	2.5556	1.3925	1.3917	1.3489
-2.00	-1.7372	1.0001	3.5586	2.5555	1.3925	1.3916	1.3490
-1.80	-1.5372	1.0001	3.5587	2.5555	1.3926	1.3917	1.3490
-1.60	-1.3372	1.0001	3.5587	2.5554	1.3926	1.3916	1.3490
-1.40	-1.1373	1.0002	3.5587	2.5553	1.3927	1.3915	1.3490
-1.20	-0.9373	1.0002	3.5587	2.5552	1.3927	1.3914	1.3490
-1.00	-0.7372	1.0004	3.5588	2.5549	1.3929	1.3911	1.3489
-0.80	-0.5372	1.0005	3.5588	2.5548	1.3930	1.3919	1.3493
-0.60	-0.3372	1.0006	3.5588	2.5545	1.3932	1.4048	1.3556
-0.40	-0.1371	1.0007	3.5591	2.5541	1.3935	1.4143	1.3603
-0.20	0.0630	1.0010	3.5596	2.5538	1.3939	1.4159	1.3613
0.0	0.2631	1.0013	3.5602	2.5538	1.3941	1.4058	1.3566
0.20	0.4633	1.0017	3.5642	2.5565	1.3942	1.4020	1.3551
0.40	0.6636	1.0024	3.5703	2.5586	1.3954	1.4033	1.3562
0.60	0.8641	1.0035	3.5768	2.5602	1.3971	1.4062	1.3583
0.80	1.0649	1.0054	3.5862	2.5628	1.3993	1.4094	1.3611
1.00	1.2659	1.0077	3.5998	2.5680	1.4018	1.4175	1.3666
1.20	1.4682	1.0131	3.6308	2.5744	1.4103	1.4300	1.3763
1.40	1.6716	1.0210	3.6754	2.5820	1.4235	1.4502	1.3914
1.60	1.8772	1.0343	3.7426	2.5934	1.4432	1.4833	1.4163
1.80	2.0868	1.0575	3.8403	2.6110	1.4708	1.5403	1.4593
2.00	2.3045	1.1014	3.9703	2.6403	1.5037	1.6417	1.5376
2.20	2.5383	1.1904	4.1450	2.6925	1.5394	1.8277	1.6866
2.40	2.8059	1.3912	4.3474	2.7908	1.5577	2.1929	1.9971
2.60	3.1532	1.9529	4.5809	3.0023	1.5258	2.8972	2.7199
2.80	3.6577	3.9365	4.6557	3.5429	1.3141	4.0306	4.5547
3.00	4.3366	11.8585	0.0	5.0087	0.0	0.0	0.0

T= 600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.6582	1.0000	0.0	2.5467	0.0	0.0	0.0
-6.80	-6.4582	1.0000	3.5607	2.5467	1.3982	1.3768	1.4698
-6.60	-6.2582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-6.40	-6.0582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-6.20	-5.8582	1.0000	3.5466	2.5467	1.3927	1.3817	1.4724
-6.00	-5.6582	1.0000	3.5466	2.5467	1.3927	1.3817	1.4724
-5.80	-5.4582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-5.60	-5.2582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-5.40	-5.0582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-5.20	-4.8582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724

T= 600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.6582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-4.80	-4.4582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-4.60	-4.2582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-4.40	-4.0582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-4.20	-3.8582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-4.00	-3.6582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-3.80	-3.4582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-3.60	-3.2582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-3.40	-3.0582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-3.20	-2.8582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-3.00	-2.6582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-2.80	-2.4582	1.0000	3.5467	2.5467	1.3927	1.3817	1.4724
-2.60	-2.2582	1.0000	3.5466	2.5467	1.3927	1.3825	1.4728
-2.40	-2.0582	1.0000	3.5467	2.5467	1.3927	1.3826	1.4729
-2.20	-1.8580	1.0000	3.5466	2.5465	1.3927	1.3826	1.4729
-2.00	-1.6580	1.0001	3.5466	2.5465	1.3927	1.3818	1.4725
-1.80	-1.4580	1.0001	3.5466	2.5465	1.3928	1.3818	1.4725
-1.60	-1.2580	1.0002	3.5466	2.5464	1.3928	1.3819	1.4726
-1.40	-1.0580	1.0002	3.5467	2.5464	1.3928	1.3819	1.4727
-1.20	-0.8580	1.0003	3.5467	2.5462	1.3929	1.3820	1.4728
-1.00	-0.6580	1.0004	3.5469	2.5463	1.3930	1.3821	1.4729
-0.80	-0.4580	1.0005	3.5471	2.5463	1.3930	1.3818	1.4728
-0.60	-0.2580	1.0006	3.5472	2.5463	1.3931	1.4111	1.4884
-0.40	-0.0579	1.0008	3.5479	2.5460	1.3935	1.4210	1.4938
-0.20	0.1422	1.0011	3.5489	2.5465	1.3937	1.4150	1.4908
0.0	0.3423	1.0013	3.5479	2.5471	1.3929	1.3979	1.4819
0.20	0.5425	1.0019	3.5489	2.5473	1.3932	1.3986	1.4828
0.40	0.7430	1.0029	3.5529	2.5490	1.3938	1.4006	1.4845
0.60	0.9436	1.0043	3.5583	2.5507	1.3950	1.4036	1.4872
0.80	1.1446	1.0066	3.5641	2.5519	1.3967	1.4067	1.4905
1.00	1.3457	1.0092	3.5654	2.5520	1.3971	1.4152	1.4970
1.20	1.5488	1.0164	3.5807	2.5529	1.4026	1.4294	1.5098
1.40	1.7530	1.0263	3.6046	2.5561	1.4102	1.4498	1.5279
1.60	1.9598	1.0426	3.6353	2.5600	1.4201	1.4835	1.5577
1.80	2.1713	1.0705	3.6775	2.5657	1.4334	1.5412	1.6089
2.00	2.3916	1.1216	3.7332	2.5741	1.4503	1.6429	1.7003
2.20	2.6285	1.2212	3.7947	2.5886	1.4660	1.8265	1.8705
2.40	2.8989	1.4360	3.8377	2.6162	1.4669	2.1827	2.2175
2.60	3.2439	2.0050	3.8698	2.7007	1.4329	2.8504	2.9941
2.80	3.7292	3.8679	4.1164	3.0602	1.3452	3.8260	4.8186
3.00	4.3738	10.7661	0.0	4.3871	0.0	0.0	0.0

T= 700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.5913	1.0000	0.0	2.6850	0.0	0.0	0.0
-6.80	-6.3913	1.0000	3.6848	2.6850	1.3724	1.3710	1.5842
-6.60	-6.1913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-6.40	-5.9913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-6.20	-5.7913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-6.00	-5.5913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-5.80	-5.3913	1.0000	3.6849	2.6850	1.3724	1.3709	1.5841
-5.60	-5.1913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-5.40	-4.9913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-5.20	-4.7913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841

T= 700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.5913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-4.80	-4.3913	1.0000	3.6849	2.6850	1.3724	1.3709	1.5841
-4.60	-4.1913	1.0000	3.6849	2.6850	1.3724	1.3709	1.5841
-4.40	-3.9913	1.0000	3.6850	2.6850	1.3725	1.3709	1.5841
-4.20	-3.7913	1.0000	3.6850	2.6850	1.3725	1.3709	1.5841
-4.00	-3.5913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-3.80	-3.3913	1.0000	3.6849	2.6850	1.3724	1.3709	1.5841
-3.60	-3.1913	1.0000	3.6849	2.6850	1.3724	1.3709	1.5841
-3.40	-2.9913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-3.20	-2.7913	1.0000	3.6850	2.6850	1.3725	1.3709	1.5841
-3.00	-2.5913	1.0000	3.6850	2.6850	1.3724	1.3709	1.5841
-2.80	-2.3913	1.0000	3.6849	2.6850	1.3724	1.3708	1.5841
-2.60	-2.1913	1.0000	3.6851	2.6850	1.3725	1.3727	1.5851
-2.40	-1.9911	1.0000	3.6849	2.6850	1.3724	1.3729	1.5853
-2.20	-1.7911	1.0000	3.6850	2.6849	1.3725	1.3724	1.5850
-2.00	-1.5911	1.0001	3.6849	2.6849	1.3725	1.3712	1.5844
-1.80	-1.3911	1.0001	3.6849	2.6848	1.3725	1.3709	1.5842
-1.60	-1.1911	1.0002	3.6849	2.6847	1.3726	1.3707	1.5841
-1.40	-0.9911	1.0002	3.6851	2.6847	1.3726	1.3707	1.5842
-1.20	-0.7911	1.0003	3.6850	2.6846	1.3726	1.3709	1.5843
-1.00	-0.5910	1.0004	3.6851	2.6846	1.3727	1.3710	1.5845
-0.80	-0.3910	1.0005	3.6852	2.6846	1.3727	1.3711	1.5846
-0.60	-0.1910	1.0007	3.6853	2.6846	1.3727	1.3719	1.5852
-0.40	0.0091	1.0009	3.6852	2.6846	1.3727	1.3689	1.5837
-0.20	0.2092	1.0012	3.6862	2.6845	1.3731	1.3528	1.5746
0.0	0.4092	1.0013	3.6857	2.6847	1.3728	1.3463	1.5709
0.20	0.6095	1.0020	3.6852	2.6846	1.3727	1.3480	1.5723
0.40	0.8100	1.0031	3.6879	2.6853	1.3734	1.3499	1.5743
0.60	1.0108	1.0048	3.6938	2.6886	1.3739	1.3528	1.5774
0.80	1.2118	1.0073	3.7012	2.6902	1.3758	1.3558	1.5811
1.00	1.4131	1.0102	3.7021	2.6898	1.3763	1.3653	1.5890
1.20	1.6166	1.0185	3.7150	2.6932	1.3794	1.3798	1.6038
1.40	1.8214	1.0297	3.7396	2.6995	1.3853	1.3994	1.6241
1.60	2.0290	1.0480	3.7713	2.7090	1.3921	1.4328	1.6579
1.80	2.2417	1.0789	3.8173	2.7238	1.4015	1.4897	1.7152
2.00	2.4636	1.1347	3.8830	2.7488	1.4126	1.5880	1.8160
2.20	2.7024	1.2407	3.9729	2.7935	1.4222	1.7610	1.9996
2.40	2.9739	1.4631	4.0747	2.8789	1.4154	2.0876	2.3645
2.60	3.3161	2.0295	4.2015	3.0675	1.3697	2.6704	3.1492
2.80	3.7862	3.7805	4.5401	3.5445	1.2809	3.4850	4.9110
3.00	4.4022	9.8528	0.0	4.6669	0.0	0.0	0.0

T= 800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.5333	1.0000	0.0	2.8459	0.0	0.0	0.0
-6.80	-6.3333	1.0000	3.8358	2.8459	1.3479	1.3604	1.6870
-6.60	-6.1333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-6.40	-5.9333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-6.20	-5.7333	1.0000	3.8459	2.8459	1.3514	1.3601	1.6868
-6.00	-5.5333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-5.80	-5.3333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-5.60	-5.1333	1.0000	3.8458	2.8459	1.3514	1.3602	1.6868
-5.40	-4.9333	1.0000	3.8457	2.8459	1.3513	1.3601	1.6868
-5.20	-4.7333	1.0000	3.8458	2.8459	1.3514	1.3602	1.6868

T= 800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.5333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-4.80	-4.3333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-4.60	-4.1333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-4.40	-3.9333	1.0000	3.8457	2.8459	1.3513	1.3601	1.6868
-4.20	-3.7333	1.0000	3.8458	2.8459	1.3514	1.3602	1.6868
-4.00	-3.5333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-3.80	-3.3333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-3.60	-3.1333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-3.40	-2.9333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-3.20	-2.7333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-3.00	-2.5333	1.0000	3.8458	2.8459	1.3514	1.3601	1.6868
-2.80	-2.3333	1.0000	3.8458	2.8459	1.3514	1.3600	1.6867
-2.60	-2.1333	1.0000	3.8458	2.8459	1.3514	1.3624	1.6882
-2.40	-1.9328	1.0000	3.8457	2.8457	1.3514	1.3626	1.6884
-2.20	-1.7329	1.0001	3.8458	2.8456	1.3515	1.3610	1.6874
-2.00	-1.5329	1.0001	3.8458	2.8455	1.3515	1.3606	1.6872
-1.80	-1.3330	1.0001	3.8459	2.8454	1.3516	1.3600	1.6869
-1.60	-1.1331	1.0002	3.8458	2.8454	1.3516	1.3598	1.6868
-1.40	-0.9331	1.0002	3.8459	2.8452	1.3517	1.3599	1.6869
-1.20	-0.7331	1.0003	3.8461	2.8452	1.3518	1.3601	1.6871
-1.00	-0.5331	1.0004	3.8463	2.8454	1.3518	1.3603	1.6873
-0.80	-0.3331	1.0006	3.8466	2.8453	1.3519	1.3604	1.6875
-0.60	-0.1330	1.0007	3.8467	2.8454	1.3519	1.3620	1.6886
-0.40	0.0671	1.0009	3.8473	2.8458	1.3519	1.3554	1.6847
-0.20	0.2674	1.0012	3.8486	2.8461	1.3522	1.3250	1.6659
0.0	0.4672	1.0013	3.8476	2.8461	1.3519	1.3247	1.6658
0.20	0.6675	1.0020	3.8467	2.8461	1.3516	1.3270	1.6678
0.40	0.8681	1.0032	3.8468	2.8457	1.3518	1.3288	1.6699
0.60	1.0688	1.0050	3.8492	2.8460	1.3525	1.3316	1.6732
0.80	1.2701	1.0079	3.8587	2.8496	1.3541	1.3341	1.6772
1.00	1.4714	1.0109	3.8605	2.8520	1.3536	1.3422	1.6848
1.20	1.6752	1.0198	3.8692	2.8534	1.3560	1.3564	1.7010
1.40	1.8803	1.0320	3.8886	2.8585	1.3604	1.3737	1.7221
1.60	2.0886	1.0517	3.9133	2.8659	1.3655	1.4036	1.7573
1.80	2.3020	1.0847	3.9477	2.8777	1.3718	1.4543	1.8166
2.00	2.5249	1.1435	3.9950	2.8969	1.3790	1.5420	1.9205
2.20	2.7648	1.2535	4.0584	2.9310	1.3847	1.6957	2.1084
2.40	3.0368	1.4796	4.1230	2.9951	1.3766	1.9841	2.4781
2.60	3.3759	2.0383	4.1991	3.1427	1.3361	2.5071	3.2693
2.80	3.8334	3.6875	4.4698	3.5521	1.2583	3.2504	5.0074
3.00	4.4257	9.0996	0.0	4.5029	0.0	0.0	0.0

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.4822	1.0000	0.0	2.8307	0.0	0.0	0.0
-6.80	-6.2822	1.0000	3.8300	2.8307	1.3530	1.3510	1.7832
-6.60	-6.0822	1.0000	3.8308	2.8307	1.3533	1.3508	1.7830
-6.40	-5.8822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-6.20	-5.6822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-6.00	-5.4822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-5.80	-5.2822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-5.60	-5.0822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-5.40	-4.8822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-5.20	-4.6822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830

T= 900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.4822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-4.80	-4.2822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-4.60	-4.0822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-4.40	-3.8822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-4.20	-3.6822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-4.00	-3.4822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-3.80	-3.2822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-3.60	-3.0822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-3.40	-2.8822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-3.20	-2.6822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-3.00	-2.4822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-2.80	-2.2822	1.0000	3.8307	2.8307	1.3533	1.3508	1.7830
-2.60	-2.0822	1.0000	3.8307	2.8307	1.3533	1.3509	1.7831
-2.40	-1.8815	1.0000	3.8306	2.8307	1.3532	1.3501	1.7826
-2.20	-1.6816	1.0001	3.8307	2.8310	1.3532	1.3481	1.7813
-2.00	-1.4817	1.0001	3.8307	2.8311	1.3531	1.3487	1.7817
-1.80	-1.2818	1.0001	3.8308	2.8313	1.3530	1.3491	1.7820
-1.60	-1.0820	1.0002	3.8307	2.8315	1.3529	1.3495	1.7823
-1.40	-0.8820	1.0003	3.8307	2.8317	1.3528	1.3499	1.7827
-1.20	-0.6820	1.0004	3.8309	2.8321	1.3527	1.3501	1.7829
-1.00	-0.4819	1.0004	3.8309	2.8324	1.3525	1.3501	1.7830
-0.80	-0.2819	1.0006	3.8310	2.8327	1.3524	1.3502	1.7831
-0.60	-0.0818	1.0007	3.8313	2.8328	1.3525	1.3504	1.7834
-0.40	0.1183	1.0010	3.8317	2.8332	1.3524	1.3506	1.7838
-0.20	0.3185	1.0013	3.8325	2.8338	1.3524	1.3501	1.7837
0.0	0.5184	1.0013	3.8348	2.8344	1.3530	1.3505	1.7840
0.20	0.7187	1.0020	3.8350	2.8341	1.3531	1.3528	1.7862
0.40	0.9192	1.0033	3.8355	2.8345	1.3531	1.3546	1.7884
0.60	1.1201	1.0052	3.8359	2.8342	1.3535	1.3575	1.7921
0.80	1.3214	1.0082	3.8432	2.8371	1.3546	1.3602	1.7965
1.00	1.5228	1.0115	3.8478	2.8399	1.3549	1.3693	1.8056
1.20	1.7268	1.0208	3.8532	2.8415	1.3560	1.3843	1.8236
1.40	1.9322	1.0336	3.8707	2.8468	1.3597	1.4021	1.8468
1.60	2.1408	1.0543	3.8925	2.8547	1.3635	1.4337	1.8861
1.80	2.3547	1.0887	3.9235	2.8677	1.3682	1.4868	1.9518
2.00	2.5783	1.1495	3.9673	2.8891	1.3732	1.5773	2.0656
2.20	2.8189	1.2620	4.0258	2.9273	1.3753	1.7330	2.2685
2.40	3.0909	1.4895	4.0920	2.9994	1.3643	2.0188	2.6603
2.60	3.4269	2.0376	4.1814	3.1596	1.3234	2.5139	3.4720
2.80	3.8735	3.5952	4.4315	3.5636	1.2436	3.1723	5.1809
3.00	4.4460	8.4753	0.0	4.3509	0.0	0.0	0.0

T= 1000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.4362	1.0000	0.0	2.9143	0.0	0.0	0.0
-6.80	-6.2362	1.0000	3.9164	2.9143	1.3439	1.3427	1.8738
-6.60	-6.0362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-6.40	-5.8362	1.0000	3.9144	2.9143	1.3432	1.3426	1.8738
-6.20	-5.6362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-6.00	-5.4362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-5.80	-5.2362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-5.60	-5.0362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-5.40	-4.8362	1.0000	3.9144	2.9143	1.3432	1.3426	1.8738
-5.20	-4.6362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8737

T= 1000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.4362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-4.80	-4.2362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8737
-4.60	-4.0362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-4.40	-3.8362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-4.20	-3.6362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-4.00	-3.4362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8737
-3.80	-3.2362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-3.60	-3.0362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-3.40	-2.8362	1.0000	3.9142	2.9143	1.3431	1.3426	1.8738
-3.20	-2.6362	1.0000	3.9142	2.9143	1.3431	1.3426	1.8738
-3.00	-2.4362	1.0000	3.9143	2.9143	1.3431	1.3426	1.8738
-2.80	-2.2362	1.0000	3.9144	2.9143	1.3432	1.3426	1.8738
-2.60	-2.0362	1.0000	3.9144	2.9143	1.3432	1.3428	1.8739
-2.40	-1.8362	1.0000	3.9144	2.9145	1.3431	1.3415	1.8730
-2.20	-1.6362	1.0000	3.9144	2.9148	1.3429	1.3392	1.8714
-2.00	-1.4362	1.0000	3.9144	2.9150	1.3428	1.3401	1.8720
-1.80	-1.2362	1.0000	3.9144	2.9152	1.3428	1.3407	1.8724
-1.60	-1.0362	1.0000	3.9145	2.9155	1.3426	1.3413	1.8729
-1.40	-0.8362	1.0000	3.9144	2.9159	1.3424	1.3419	1.8733
-1.20	-0.6362	1.0001	3.9145	2.9162	1.3423	1.3420	1.8734
-1.00	-0.4362	1.0001	3.9146	2.9165	1.3422	1.3419	1.8734
-0.80	-0.2361	1.0002	3.9146	2.9168	1.3421	1.3419	1.8734
-0.60	-0.0361	1.0003	3.9150	2.9174	1.3420	1.3421	1.8737
-0.40	0.1640	1.0005	3.9152	2.9179	1.3418	1.3423	1.8740
-0.20	0.3641	1.0008	3.9166	2.9187	1.3419	1.3416	1.8738
0.0	0.5642	1.0013	3.9199	2.9195	1.3427	1.3422	1.8747
0.20	0.7645	1.0021	3.9199	2.9195	1.3427	1.3446	1.8771
0.40	0.9650	1.0033	3.9205	2.9193	1.3429	1.3463	1.8794
0.60	1.1659	1.0053	3.9207	2.9197	1.3428	1.3493	1.8833
0.80	1.3672	1.0084	3.9246	2.9199	1.3441	1.3521	1.8881
1.00	1.5687	1.0119	3.9248	2.9192	1.3445	1.3614	1.8980
1.20	1.7728	1.0215	3.9302	2.9209	1.3455	1.3762	1.9173
1.40	1.9784	1.0347	3.9445	2.9258	1.3482	1.3937	1.9419
1.60	2.1873	1.0561	3.9634	2.9334	1.3511	1.4247	1.9835
1.80	2.4016	1.0915	3.9898	2.9457	1.3544	1.4766	2.0529
2.00	2.6256	1.1536	4.0257	2.9663	1.3571	1.5646	2.1724
2.20	2.8665	1.2676	4.0775	3.0027	1.3579	1.7145	2.3837
2.40	3.1382	1.4951	4.1322	3.0711	1.3455	1.9863	2.7865
2.60	3.4714	2.0313	4.1967	3.2217	1.3026	2.4497	3.6064
2.80	3.9085	3.5070	4.4200	3.5932	1.2301	3.0542	5.2924
3.00	4.4643	7.9561	0.0	4.2465	0.0	0.0	0.0

T= 1100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3948	1.0000	0.0	2.9892	0.0	0.0	0.0
-6.80	-6.1948	1.0000	3.9892	2.9892	1.3345	1.3354	1.9599
-6.60	-5.9948	1.0000	3.9891	2.9892	1.3345	1.3352	1.9598
-6.40	-5.7948	1.0000	3.9892	2.9892	1.3345	1.3352	1.9598
-6.20	-5.5948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-6.00	-5.3948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-5.80	-5.1948	1.0000	3.9892	2.9892	1.3345	1.3352	1.9598
-5.60	-4.9948	1.0000	3.9891	2.9892	1.3345	1.3352	1.9598
-5.40	-4.7948	1.0000	3.9893	2.9892	1.3345	1.3352	1.9598
-5.20	-4.5948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598

T= 1100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.3948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-4.80	-4.1948	1.0000	3.9892	2.9892	1.3345	1.3352	1.9598
-4.60	-3.9948	1.0000	3.9891	2.9892	1.3345	1.3352	1.9598
-4.40	-3.7948	1.0000	3.9892	2.9892	1.3345	1.3352	1.9598
-4.20	-3.5948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-4.00	-3.3948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-3.80	-3.1948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-3.60	-2.9948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-3.40	-2.7948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-3.20	-2.5948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-3.00	-2.3948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-2.80	-2.1948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-2.60	-1.9948	1.0000	3.9893	2.9892	1.3346	1.3352	1.9598
-2.40	-1.7948	1.0000	3.9894	2.9892	1.3346	1.3352	1.9598
-2.20	-1.5948	1.0000	3.9893	2.9891	1.3346	1.3352	1.9598
-2.00	-1.3948	1.0000	3.9895	2.9891	1.3347	1.3352	1.9598
-1.80	-1.1948	1.0000	3.9894	2.9891	1.3347	1.3352	1.9598
-1.60	-0.9948	1.0000	3.9892	2.9890	1.3346	1.3352	1.9598
-1.40	-0.7948	1.0000	3.9893	2.9889	1.3347	1.3353	1.9599
-1.20	-0.5948	1.0001	3.9893	2.9888	1.3347	1.3353	1.9599
-1.00	-0.3948	1.0001	3.9895	2.9887	1.3348	1.3354	1.9600
-0.80	-0.1947	1.0002	3.9893	2.9886	1.3348	1.3355	1.9602
-0.60	0.0053	1.0003	3.9893	2.9885	1.3349	1.3357	1.9604
-0.40	0.2054	1.0005	3.9892	2.9882	1.3350	1.3360	1.9609
-0.20	0.4055	1.0008	3.9886	2.9880	1.3349	1.3359	1.9611
0.0	0.6055	1.0013	3.9881	2.9877	1.3348	1.3365	1.9621
0.20	0.8059	1.0021	3.9882	2.9876	1.3349	1.3383	1.9641
0.40	1.0064	1.0034	3.9886	2.9876	1.3350	1.3400	1.9666
0.60	1.2073	1.0053	3.9888	2.9877	1.3351	1.3430	1.9707
0.80	1.4086	1.0085	3.9922	2.9879	1.3361	1.3459	1.9759
1.00	1.6103	1.0123	3.9936	2.9880	1.3365	1.3553	1.9867
1.20	1.8144	1.0220	3.9962	2.9896	1.3367	1.3697	2.0066
1.40	2.0201	1.0356	4.0087	2.9943	1.3388	1.3869	2.0326
1.60	2.2292	1.0574	4.0255	3.0021	1.3409	1.4175	2.0763
1.80	2.4438	1.0935	4.0492	3.0148	1.3431	1.4684	2.1491
2.00	2.6681	1.1565	4.0828	3.0359	1.3448	1.5541	2.2737
2.20	2.9092	1.2712	4.1276	3.0733	1.3430	1.6990	2.4922
2.40	3.1804	1.4977	4.1787	3.1433	1.3294	1.9586	2.9047
2.60	3.5107	2.0216	4.2474	3.2927	1.2899	2.3948	3.7313
2.80	3.9395	3.4237	4.4377	3.6410	1.2188	2.9574	5.3968
3.00	4.4812	7.5204	0.0	4.1839	0.0	0.0	0.0

T= 1200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3570	1.0000	0.0	3.0419	0.0	0.0	0.0
-6.80	-6.1570	1.0000	4.0420	3.0419	1.3288	1.3292	2.0423
-6.60	-5.9570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421
-6.40	-5.7570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421
-6.20	-5.5570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421
-6.00	-5.3570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-5.80	-5.1570	1.0000	4.0420	3.0419	1.3288	1.3290	2.0421
-5.60	-4.9570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-5.40	-4.7570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-5.20	-4.5570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421

T= 1200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.3570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-4.80	-4.1570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-4.60	-3.9570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-4.40	-3.7570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-4.20	-3.5570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421
-4.00	-3.3570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-3.80	-3.1570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-3.60	-2.9570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-3.40	-2.7570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-3.20	-2.5570	1.0000	4.0419	3.0419	1.3288	1.3290	2.0421
-3.00	-2.3570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-2.80	-2.1570	1.0000	4.0417	3.0419	1.3287	1.3290	2.0421
-2.60	-1.9570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-2.40	-1.7570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0421
-2.20	-1.5570	1.0000	4.0419	3.0419	1.3287	1.3290	2.0422
-2.00	-1.3570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0422
-1.80	-1.1570	1.0000	4.0418	3.0419	1.3287	1.3290	2.0422
-1.60	-0.9570	1.0000	4.0419	3.0418	1.3288	1.3290	2.0422
-1.40	-0.7570	1.0000	4.0417	3.0418	1.3287	1.3291	2.0423
-1.20	-0.5570	1.0001	4.0416	3.0419	1.3287	1.3291	2.0423
-1.00	-0.3570	1.0001	4.0418	3.0419	1.3287	1.3291	2.0424
-0.80	-0.1569	1.0002	4.0418	3.0420	1.3287	1.3293	2.0426
-0.60	0.0431	1.0003	4.0419	3.0419	1.3288	1.3295	2.0429
-0.40	0.2432	1.0005	4.0420	3.0419	1.3287	1.3298	2.0433
-0.20	0.4433	1.0008	4.0421	3.0419	1.3288	1.3296	2.0435
0.0	0.6433	1.0013	4.0422	3.0419	1.3288	1.3303	2.0445
0.20	0.8437	1.0021	4.0423	3.0418	1.3289	1.3321	2.0467
0.40	1.0442	1.0034	4.0423	3.0417	1.3290	1.3338	2.0493
0.60	1.2451	1.0054	4.0424	3.0411	1.3293	1.3368	2.0536
0.80	1.4465	1.0096	4.0442	3.0405	1.3301	1.3399	2.0593
1.00	1.6482	1.0126	4.0448	3.0400	1.3305	1.3493	2.0707
1.20	1.8523	1.0223	4.0463	3.0414	1.3304	1.3633	2.0912
1.40	2.0582	1.0361	4.0571	3.0456	1.3321	1.3803	2.1185
1.60	2.2674	1.0583	4.0714	3.0529	1.3336	1.4104	2.1642
1.80	2.4821	1.0949	4.0920	3.0648	1.3352	1.4604	2.2400
2.00	2.7066	1.1584	4.1194	3.0847	1.3354	1.5440	2.3690
2.20	2.9477	1.2733	4.1580	3.1201	1.3327	1.6846	2.5941
2.40	3.2184	1.4983	4.2025	3.1859	1.3191	1.9341	3.0152
2.60	3.5459	2.0099	4.2569	3.3258	1.2800	2.3480	3.8475
2.80	3.9673	3.3463	4.4175	3.6423	1.2128	2.8784	5.4978
3.00	4.4971	7.1510	0.0	4.0914	0.0	0.0	0.0

T= 1300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.3223	1.0000	0.0	3.0912	0.0	0.0	0.0
-6.80	-6.1223	1.0000	4.0922	3.0912	1.3238	1.3238	2.1214
-6.60	-5.9223	1.0000	4.0914	3.0912	1.3236	1.3238	2.1213
-6.40	-5.7223	1.0000	4.0912	3.0912	1.3235	1.3237	2.1213
-6.20	-5.5223	1.0000	4.0912	3.0912	1.3235	1.3238	2.1213
-6.00	-5.3223	1.0000	4.0911	3.0912	1.3235	1.3237	2.1213
-5.80	-5.1223	1.0000	4.0912	3.0912	1.3235	1.3238	2.1213
-5.60	-4.9223	1.0000	4.0911	3.0912	1.3235	1.3237	2.1213
-5.40	-4.7223	1.0000	4.0910	3.0912	1.3234	1.3237	2.1213
-5.20	-4.5223	1.0000	4.0912	3.0912	1.3235	1.3238	2.1213

T= 1300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.3223	1.0000	4.0911	3.0912	1.3235	1.3237	2.1213
-4.80	-4.1223	1.0000	4.0912	3.0912	1.3235	1.3237	2.1213
-4.60	-3.9223	1.0000	4.0911	3.0912	1.3235	1.3237	2.1213
-4.40	-3.7223	1.0000	4.0909	3.0912	1.3234	1.3238	2.1213
-4.20	-3.5223	1.0000	4.0912	3.0912	1.3235	1.3237	2.1213
-4.00	-3.3223	1.0000	4.0912	3.0912	1.3235	1.3237	2.1213
-3.80	-3.1223	1.0000	4.0910	3.0912	1.3234	1.3237	2.1213
-3.60	-2.9223	1.0000	4.0912	3.0912	1.3235	1.3238	2.1213
-3.40	-2.7223	1.0000	4.0908	3.0912	1.3234	1.3237	2.1213
-3.20	-2.5223	1.0000	4.0911	3.0912	1.3235	1.3237	2.1213
-3.00	-2.3223	1.0000	4.0911	3.0912	1.3235	1.3238	2.1213
-2.80	-2.1223	1.0000	4.0911	3.0912	1.3235	1.3238	2.1213
-2.60	-1.9223	1.0000	4.0912	3.0912	1.3235	1.3237	2.1213
-2.40	-1.7223	1.0000	4.0910	3.0912	1.3234	1.3237	2.1213
-2.20	-1.5223	1.0000	4.0913	3.0912	1.3235	1.3238	2.1213
-2.00	-1.3223	1.0000	4.0910	3.0911	1.3235	1.3237	2.1213
-1.80	-1.1223	1.0000	4.0913	3.0911	1.3236	1.3237	2.1214
-1.60	-0.9223	1.0000	4.0912	3.0911	1.3235	1.3238	2.1214
-1.40	-0.7223	1.0000	4.0914	3.0911	1.3236	1.3238	2.1215
-1.20	-0.5222	1.0001	4.0912	3.0912	1.3235	1.3239	2.1215
-1.00	-0.3222	1.0001	4.0910	3.0911	1.3235	1.3239	2.1216
-0.80	-0.1222	1.0002	4.0913	3.0911	1.3236	1.3240	2.1218
-0.60	0.0779	1.0003	4.0912	3.0911	1.3235	1.3242	2.1221
-0.40	0.2780	1.0005	4.0914	3.0911	1.3236	1.3245	2.1225
-0.20	0.4781	1.0009	4.0913	3.0911	1.3236	1.3244	2.1228
0.0	0.6781	1.0014	4.0914	3.0911	1.3236	1.3251	2.1238
0.20	0.8785	1.0022	4.0914	3.0911	1.3236	1.3268	2.1261
0.40	1.0790	1.0034	4.0918	3.0908	1.3239	1.3285	2.1288
0.60	1.2799	1.0054	4.0918	3.0910	1.3238	1.3315	2.1333
0.80	1.4813	1.0087	4.0952	3.0909	1.3249	1.3348	2.1393
1.00	1.6831	1.0129	4.0941	3.0903	1.3248	1.3439	2.1511
1.20	1.8872	1.0226	4.0958	3.0915	1.3248	1.3575	2.1722
1.40	2.0931	1.0365	4.1041	3.0955	1.3258	1.3744	2.2007
1.60	2.3024	1.0590	4.1168	3.1023	1.3270	1.4041	2.2482
1.80	2.5173	1.0959	4.1343	3.1137	1.3278	1.4532	2.3267
2.00	2.7419	1.1597	4.1583	3.1330	1.3273	1.5351	2.4600
2.20	2.9829	1.2745	4.1938	3.1668	1.3243	1.6719	2.6914
2.40	3.2529	1.4975	4.2294	3.2299	1.3095	1.9127	3.1203
2.60	3.5779	1.9971	4.2666	3.3621	1.2690	2.3075	3.9580
2.80	3.9927	3.2746	4.4084	3.6497	1.2079	2.8131	5.5960
3.00	4.5123	6.8352	0.0	4.0215	0.0	0.0	0.0

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2901	1.0000	0.0	3.1336	0.0	0.0	0.0
-6.80	-6.0901	1.0000	4.1334	3.1336	1.3191	1.3193	2.1977
-6.60	-5.8901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-6.40	-5.6901	1.0000	4.1339	3.1336	1.3192	1.3193	2.1977
-6.20	-5.4901	1.0000	4.1339	3.1336	1.3192	1.3193	2.1977
-6.00	-5.2901	1.0000	4.1337	3.1336	1.3191	1.3193	2.1977
-5.80	-5.0901	1.0000	4.1337	3.1336	1.3191	1.3193	2.1977
-5.60	-4.8901	1.0000	4.1339	3.1336	1.3192	1.3193	2.1977
-5.40	-4.6901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-5.20	-4.4901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977

T= 1400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2901	1.0000	4.1337	3.1336	1.3191	1.3193	2.1977
-4.80	-4.0901	1.0000	4.1336	3.1336	1.3191	1.3193	2.1977
-4.60	-3.8901	1.0000	4.1339	3.1336	1.3192	1.3193	2.1977
-4.40	-3.6901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-4.20	-3.4901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-4.00	-3.2901	1.0000	4.1337	3.1336	1.3191	1.3193	2.1977
-3.80	-3.0901	1.0000	4.1337	3.1336	1.3192	1.3193	2.1977
-3.60	-2.8901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-3.40	-2.6901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-3.20	-2.4901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-3.00	-2.2901	1.0000	4.1336	3.1336	1.3191	1.3193	2.1977
-2.80	-2.0901	1.0000	4.1337	3.1336	1.3191	1.3193	2.1977
-2.60	-1.8901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-2.40	-1.6901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-2.20	-1.4901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-2.00	-1.2901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1977
-1.80	-1.0901	1.0000	4.1338	3.1336	1.3192	1.3193	2.1978
-1.60	-0.8901	1.0000	4.1336	3.1336	1.3191	1.3193	2.1978
-1.40	-0.6901	1.0001	4.1338	3.1336	1.3192	1.3194	2.1978
-1.20	-0.4901	1.0001	4.1337	3.1336	1.3192	1.3195	2.1979
-1.00	-0.2900	1.0001	4.1336	3.1336	1.3191	1.3195	2.1980
-0.80	-0.0900	1.0002	4.1336	3.1336	1.3191	1.3196	2.1982
-0.60	0.1101	1.0003	4.1337	3.1337	1.3191	1.3198	2.1985
-0.40	0.3101	1.0005	4.1336	3.1335	1.3192	1.3201	2.1990
-0.20	0.5103	1.0009	4.1337	3.1336	1.3192	1.3200	2.1992
0.0	0.7103	1.0014	4.1342	3.1336	1.3193	1.3207	2.2004
0.20	0.9107	1.0022	4.1344	3.1337	1.3193	1.3224	2.2027
0.40	1.1112	1.0035	4.1345	3.1335	1.3195	1.3241	2.2055
0.60	1.3121	1.0055	4.1350	3.1341	1.3194	1.3270	2.2102
0.80	1.5135	1.0087	4.1381	3.1349	1.3200	1.3304	2.2165
1.00	1.7154	1.0131	4.1389	3.1348	1.3203	1.3394	2.2288
1.20	1.9195	1.0227	4.1382	3.1359	1.3196	1.3526	2.2504
1.40	2.1254	1.0368	4.1461	3.1394	1.3206	1.3694	2.2799
1.60	2.3348	1.0594	4.1568	3.1462	1.3212	1.3987	2.3291
1.80	2.5497	1.0965	4.1724	3.1573	1.3215	1.4470	2.4101
2.00	2.7743	1.1605	4.1953	3.1763	1.3208	1.5272	2.5472
2.20	3.0152	1.2750	4.2240	3.2096	1.3160	1.6606	2.7840
2.40	3.2846	1.4958	4.2573	3.2714	1.3014	1.8933	3.2199
2.60	3.6072	1.9838	4.2977	3.3978	1.2649	2.2717	4.0615
2.80	4.0160	3.2085	4.4093	3.6602	1.2047	2.7574	5.6912
3.00	4.5268	6.5627	0.0	3.9702	0.0	0.0	0.0

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2601	1.0000	0.0	3.1705	0.0	0.0	0.0
-6.80	-6.0601	1.0000	4.1705	3.1705	1.3154	1.3156	2.2716
-6.60	-5.8601	1.0000	4.1704	3.1705	1.3154	1.3155	2.2716
-6.40	-5.6601	1.0000	4.1706	3.1705	1.3154	1.3156	2.2716
-6.20	-5.4601	1.0000	4.1705	3.1705	1.3154	1.3156	2.2716
-6.00	-5.2601	1.0000	4.1707	3.1705	1.3155	1.3155	2.2716
-5.80	-5.0601	1.0000	4.1707	3.1705	1.3155	1.3155	2.2716
-5.60	-4.8601	1.0000	4.1706	3.1705	1.3154	1.3155	2.2716
-5.40	-4.6601	1.0000	4.1707	3.1705	1.3155	1.3156	2.2716
-5.20	-4.4601	1.0000	4.1704	3.1705	1.3154	1.3155	2.2716

T= 1500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2601	1.0000	4.1707	3.1705	1.3155	1.3155	2.2716
-4.80	-4.0601	1.0000	4.1707	3.1705	1.3155	1.3155	2.2716
-4.60	-3.8601	1.0000	4.1706	3.1705	1.3154	1.3156	2.2716
-4.40	-3.6601	1.0000	4.1707	3.1705	1.3155	1.3156	2.2716
-4.20	-3.4601	1.0000	4.1704	3.1705	1.3154	1.3155	2.2716
-4.00	-3.2601	1.0000	4.1706	3.1705	1.3154	1.3155	2.2716
-3.80	-3.0601	1.0000	4.1706	3.1705	1.3154	1.3155	2.2716
-3.60	-2.8601	1.0000	4.1705	3.1705	1.3154	1.3155	2.2716
-3.40	-2.6601	1.0000	4.1707	3.1705	1.3155	1.3155	2.2716
-3.20	-2.4601	1.0000	4.1704	3.1705	1.3154	1.3156	2.2716
-3.00	-2.2601	1.0000	4.1705	3.1705	1.3154	1.3155	2.2716
-2.80	-2.0601	1.0000	4.1706	3.1705	1.3154	1.3155	2.2716
-2.60	-1.8601	1.0000	4.1705	3.1705	1.3154	1.3155	2.2716
-2.40	-1.6601	1.0000	4.1707	3.1705	1.3155	1.3156	2.2716
-2.20	-1.4601	1.0000	4.1705	3.1705	1.3154	1.3156	2.2716
-2.00	-1.2601	1.0000	4.1704	3.1706	1.3153	1.3156	2.2716
-1.80	-1.0601	1.0000	4.1704	3.1706	1.3153	1.3156	2.2717
-1.60	-0.8601	1.0000	4.1704	3.1706	1.3153	1.3156	2.2717
-1.40	-0.6601	1.0001	4.1704	3.1706	1.3153	1.3156	2.2717
-1.20	-0.4601	1.0001	4.1705	3.1705	1.3154	1.3157	2.2718
-1.00	-0.2601	1.0001	4.1706	3.1706	1.3154	1.3157	2.2719
-0.80	-0.0600	1.0002	4.1710	3.1706	1.3155	1.3158	2.2721
-0.60	0.1400	1.0003	4.1706	3.1706	1.3154	1.3160	2.2724
-0.40	0.3401	1.0005	4.1707	3.1705	1.3155	1.3164	2.2730
-0.20	0.5402	1.0009	4.1708	3.1706	1.3155	1.3163	2.2732
0.0	0.7403	1.0014	4.1709	3.1705	1.3155	1.3169	2.2744
0.20	0.9406	1.0022	4.1712	3.1705	1.3156	1.3187	2.2768
0.40	1.1412	1.0035	4.1715	3.1707	1.3156	1.3205	2.2798
0.60	1.3421	1.0055	4.1703	3.1691	1.3159	1.3236	2.2848
0.80	1.5435	1.0088	4.1708	3.1675	1.3168	1.3271	2.2915
1.00	1.7454	1.0133	4.1715	3.1677	1.3169	1.3359	2.3043
1.20	1.9495	1.0229	4.1704	3.1685	1.3162	1.3489	2.3264
1.40	2.1555	1.0370	4.1769	3.1720	1.3168	1.3656	2.3569
1.60	2.3649	1.0597	4.1865	3.1782	1.3172	1.3944	2.4075
1.80	2.5799	1.0970	4.2001	3.1888	1.3171	1.4421	2.4910
2.00	2.8045	1.1609	4.2182	3.2068	1.3154	1.5209	2.6317
2.20	3.0452	1.2750	4.2444	3.2387	1.3105	1.6513	2.8735
2.40	3.3139	1.4935	4.2736	3.2972	1.2961	1.8770	3.3159
2.60	3.6342	1.9705	4.3070	3.4158	1.2609	2.2417	4.1621
2.80	4.0377	3.1477	4.3937	3.6517	1.2032	2.7114	5.7860
3.00	4.5408	6.3254	0.0	3.9092	0.0	0.0	0.0

T= 1600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2321	1.0000	0.0	3.2027	0.0	0.0	0.0
-6.80	-6.0321	1.0000	4.2028	3.2027	1.3123	1.3124	2.3433
-6.60	-5.8321	1.0000	4.2027	3.2027	1.3122	1.3124	2.3433
-6.40	-5.6321	1.0000	4.2024	3.2027	1.3122	1.3124	2.3433
-6.20	-5.4321	1.0000	4.2025	3.2027	1.3122	1.3124	2.3433
-6.00	-5.2321	1.0000	4.2025	3.2027	1.3122	1.3124	2.3433
-5.80	-5.0321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-5.60	-4.8321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-5.40	-4.6321	1.0000	4.2025	3.2027	1.3122	1.3124	2.3433
-5.20	-4.4321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433

T= 1600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2321	1.0000	4.2027	3.2027	1.3122	1.3124	2.3433
-4.80	-4.0321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-4.60	-3.8321	1.0000	4.2023	3.2027	1.3121	1.3124	2.3433
-4.40	-3.6321	1.0000	4.2025	3.2027	1.3122	1.3124	2.3433
-4.20	-3.4321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-4.00	-3.2321	1.0000	4.2027	3.2027	1.3122	1.3124	2.3433
-3.80	-3.0321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-3.60	-2.8321	1.0000	4.2024	3.2027	1.3121	1.3124	2.3433
-3.40	-2.6321	1.0000	4.2025	3.2027	1.3122	1.3124	2.3433
-3.20	-2.4321	1.0000	4.2024	3.2027	1.3122	1.3124	2.3433
-3.00	-2.2321	1.0000	4.2027	3.2027	1.3122	1.3124	2.3433
-2.80	-2.0321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-2.60	-1.8321	1.0000	4.2024	3.2027	1.3121	1.3124	2.3433
-2.40	-1.6321	1.0000	4.2024	3.2027	1.3122	1.3124	2.3433
-2.20	-1.4321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-2.00	-1.2321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-1.80	-1.0321	1.0000	4.2026	3.2027	1.3122	1.3124	2.3433
-1.60	-0.8321	1.0000	4.2026	3.2028	1.3122	1.3124	2.3433
-1.40	-0.6321	1.0001	4.2026	3.2027	1.3122	1.3125	2.3434
-1.20	-0.4321	1.0001	4.2027	3.2027	1.3122	1.3125	2.3435
-1.00	-0.2320	1.0001	4.2027	3.2028	1.3122	1.3126	2.3436
-0.80	-0.0320	1.0002	4.2027	3.2028	1.3122	1.3127	2.3438
-0.60	0.1680	1.0003	4.2027	3.2026	1.3123	1.3129	2.3441
-0.40	0.3681	1.0006	4.2029	3.2027	1.3123	1.3132	2.3447
-0.20	0.5683	1.0009	4.2030	3.2026	1.3124	1.3130	2.3449
0.0	0.7683	1.0014	4.2029	3.2027	1.3123	1.3137	2.3461
0.20	0.9687	1.0022	4.2029	3.2026	1.3123	1.3155	2.3486
0.40	1.1692	1.0035	4.2040	3.2032	1.3124	1.3173	2.3518
0.60	1.3701	1.0056	4.2011	3.1992	1.3132	1.3206	2.3571
0.80	1.5715	1.0089	4.1992	3.1953	1.3142	1.3242	2.3641
1.00	1.7735	1.0134	4.1985	3.1959	1.3137	1.3328	2.3773
1.20	1.9776	1.0230	4.1979	3.1966	1.3132	1.3455	2.3998
1.40	2.1836	1.0372	4.2027	3.1997	1.3135	1.3621	2.4312
1.60	2.3930	1.0599	4.2114	3.2055	1.3138	1.3907	2.4834
1.80	2.6080	1.0972	4.2229	3.2156	1.3133	1.4378	2.5691
2.00	2.8326	1.1611	4.2384	3.2328	1.3111	1.5152	2.7131
2.20	3.0731	1.2745	4.2634	3.2631	1.3066	1.6432	2.9599
2.40	3.3411	1.4907	4.2863	3.3187	1.2916	1.8628	3.4084
2.60	3.6593	1.9572	4.3044	3.4294	1.2552	2.2155	4.2591
2.80	4.0579	3.0918	4.3800	3.6407	1.2031	2.6722	5.8795
3.00	4.5542	6.1171	0.0	3.8537	0.0	0.0	0.0

T= 1700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.2058	1.0000	0.0	3.2358	0.0	0.0	0.0
-6.80	-6.0058	1.0000	4.2357	3.2358	1.3090	1.3097	2.4129
-6.60	-5.8058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-6.40	-5.6058	1.0000	4.2356	3.2358	1.3090	1.3096	2.4129
-6.20	-5.4058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-6.00	-5.2058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4128
-5.80	-5.0058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-5.60	-4.8058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4128
-5.40	-4.6058	1.0000	4.2356	3.2358	1.3090	1.3096	2.4129
-5.20	-4.4058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4128

T= 1700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.2058	1.0000	4.2356	3.2358	1.3090	1.3096	2.4129
-4.80	-4.0058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-4.60	-3.8058	1.0000	4.2359	3.2358	1.3091	1.3096	2.4129
-4.40	-3.6058	1.0000	4.2356	3.2358	1.3090	1.3096	2.4128
-4.20	-3.4058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-4.00	-3.2058	1.0000	4.2357	3.2358	1.3090	1.3096	2.4129
-3.80	-3.0058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-3.60	-2.8058	1.0000	4.2359	3.2358	1.3091	1.3096	2.4129
-3.40	-2.6058	1.0000	4.2359	3.2358	1.3091	1.3096	2.4129
-3.20	-2.4058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-3.00	-2.2058	1.0000	4.2356	3.2358	1.3090	1.3096	2.4129
-2.80	-2.0058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-2.60	-1.8058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-2.40	-1.6058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-2.20	-1.4058	1.0000	4.2358	3.2358	1.3091	1.3096	2.4129
-2.00	-1.2058	1.0000	4.2356	3.2358	1.3090	1.3097	2.4129
-1.80	-1.0058	1.0000	4.2357	3.2358	1.3090	1.3097	2.4129
-1.60	-0.8058	1.0000	4.2360	3.2357	1.3091	1.3097	2.4130
-1.40	-0.6057	1.0001	4.2358	3.2357	1.3091	1.3097	2.4130
-1.20	-0.4057	1.0001	4.2357	3.2358	1.3090	1.3097	2.4131
-1.00	-0.2057	1.0001	4.2358	3.2357	1.3091	1.3098	2.4132
-0.80	-0.0057	1.0002	4.2358	3.2357	1.3091	1.3099	2.4134
-0.60	0.1944	1.0003	4.2358	3.2358	1.3090	1.3101	2.4137
-0.40	0.3945	1.0006	4.2356	3.2358	1.3090	1.3104	2.4143
-0.20	0.5946	1.0009	4.2359	3.2358	1.3091	1.3103	2.4146
0.0	0.7946	1.0014	4.2357	3.2358	1.3090	1.3110	2.4159
0.20	0.9950	1.0022	4.2357	3.2353	1.3092	1.3128	2.4185
0.40	1.1956	1.0035	4.2359	3.2352	1.3093	1.3147	2.4218
0.60	1.3965	1.0057	4.2386	3.2364	1.3097	1.3176	2.4271
0.80	1.5979	1.0089	4.2410	3.2377	1.3099	1.3209	2.4340
1.00	1.7999	1.0136	4.2403	3.2375	1.3098	1.3293	2.4475
1.20	2.0039	1.0230	4.2391	3.2382	1.3091	1.3418	2.4702
1.40	2.2099	1.0373	4.2432	3.2410	1.3092	1.3583	2.5026
1.60	2.4193	1.0600	4.2499	3.2466	1.3090	1.3866	2.5562
1.80	2.6344	1.0973	4.2597	3.2560	1.3082	1.4332	2.6440
2.00	2.8589	1.1610	4.2744	3.2724	1.3062	1.5094	2.7912
2.20	3.0992	1.2739	4.2943	3.3011	1.3009	1.6349	3.0425
2.40	3.3665	1.4876	4.3128	3.3537	1.2860	1.8492	3.4968
2.60	3.6828	1.9443	4.3228	3.4567	1.2506	2.1915	4.3520
2.80	4.0769	3.0403	4.3850	3.6458	1.2028	2.6382	5.9713
3.00	4.5673	5.9330	0.0	3.8223	0.0	0.0	0.0

T= 1800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1809	1.0000	0.0	3.2235	0.0	0.0	0.0
-6.80	-5.9809	1.0000	4.2234	3.2235	1.3102	1.3073	2.4806
-6.60	-5.7809	1.0000	4.2236	3.2235	1.3103	1.3072	2.4805
-6.40	-5.5809	1.0000	4.2240	3.2235	1.3104	1.3073	2.4806
-6.20	-5.3809	1.0000	4.2237	3.2235	1.3103	1.3073	2.4806
-6.00	-5.1809	1.0000	4.2238	3.2235	1.3103	1.3072	2.4806
-5.80	-4.9809	1.0000	4.2236	3.2235	1.3102	1.3072	2.4806
-5.60	-4.7809	1.0000	4.2236	3.2235	1.3102	1.3073	2.4806
-5.40	-4.5809	1.0000	4.2240	3.2235	1.3104	1.3073	2.4806
-5.20	-4.3809	1.0000	4.2237	3.2235	1.3103	1.3072	2.4806

T= 1800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1809	1.0000	4.2236	3.2236	1.3102	1.3073	2.4806
-4.80	-3.9809	1.0000	4.2236	3.2236	1.3102	1.3072	2.4806
-4.60	-3.7809	1.0000	4.2237	3.2236	1.3103	1.3073	2.4806
-4.40	-3.5809	1.0000	4.2240	3.2236	1.3103	1.3073	2.4806
-4.20	-3.3809	1.0000	4.2237	3.2236	1.3102	1.3072	2.4806
-4.00	-3.1809	1.0000	4.2237	3.2236	1.3102	1.3073	2.4806
-3.80	-2.9809	1.0000	4.2236	3.2235	1.3103	1.3073	2.4806
-3.60	-2.7809	1.0000	4.2238	3.2235	1.3103	1.3073	2.4806
-3.40	-2.5809	1.0000	4.2236	3.2235	1.3102	1.3073	2.4806
-3.20	-2.3809	1.0000	4.2238	3.2235	1.3103	1.3072	2.4806
-3.00	-2.1809	1.0000	4.2239	3.2235	1.3103	1.3072	2.4806
-2.80	-1.9809	1.0000	4.2236	3.2235	1.3103	1.3073	2.4806
-2.60	-1.7809	1.0000	4.2238	3.2235	1.3103	1.3073	2.4806
-2.40	-1.5809	1.0000	4.2237	3.2235	1.3103	1.3073	2.4806
-2.20	-1.3809	1.0000	4.2239	3.2235	1.3103	1.3073	2.4806
-2.00	-1.1809	1.0000	4.2235	3.2235	1.3102	1.3073	2.4806
-1.80	-0.9809	1.0000	4.2236	3.2235	1.3102	1.3073	2.4806
-1.60	-0.7809	1.0000	4.2238	3.2236	1.3103	1.3074	2.4807
-1.40	-0.5809	1.0001	4.2236	3.2237	1.3102	1.3074	2.4808
-1.20	-0.3809	1.0001	4.2236	3.2235	1.3103	1.3074	2.4808
-1.00	-0.1809	1.0001	4.2237	3.2236	1.3103	1.3075	2.4809
-0.80	0.0191	1.0002	4.2237	3.2235	1.3103	1.3076	2.4812
-0.60	0.2192	1.0004	4.2235	3.2236	1.3102	1.3078	2.4815
-0.40	0.4193	1.0006	4.2238	3.2237	1.3102	1.3081	2.4821
-0.20	0.6194	1.0009	4.2235	3.2236	1.3102	1.3080	2.4824
0.0	0.8195	1.0014	4.2241	3.2236	1.3104	1.3087	2.4837
0.20	1.0198	1.0022	4.2232	3.2229	1.3104	1.3105	2.4864
0.40	1.2204	1.0036	4.2231	3.2219	1.3108	1.3123	2.4898
0.60	1.4213	1.0057	4.2304	3.2296	1.3099	1.3146	2.4947
0.80	1.6227	1.0090	4.2398	3.2373	1.3097	1.3179	2.5017
1.00	1.8248	1.0137	4.2400	3.2361	1.3102	1.3263	2.5157
1.20	2.0288	1.0231	4.2372	3.2370	1.3090	1.3384	2.5388
1.40	2.2348	1.0373	4.2408	3.2395	1.3091	1.3549	2.5720
1.60	2.4442	1.0600	4.2465	3.2448	1.3087	1.3829	2.6269
1.80	2.6592	1.0973	4.2559	3.2538	1.3080	1.4289	2.7166
2.00	2.8836	1.1609	4.2678	3.2693	1.3054	1.5041	2.8668
2.20	3.1237	1.2730	4.2829	3.2968	1.2991	1.6274	3.1225
2.40	3.3904	1.4844	4.2999	3.3464	1.2849	1.8367	3.5822
2.60	3.7048	1.9319	4.3122	3.4423	1.2527	2.1699	4.4417
2.80	4.0949	2.9929	4.3508	3.6116	1.2046	2.6087	6.0623
3.00	4.5800	5.7691	0.0	3.7592	0.0	0.0	0.0

T= 1900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1575	1.0000	0.0	3.4108	0.0	0.0	0.0
-6.80	-5.9575	1.0000	4.4120	3.4107	1.2936	1.2929	2.5345
-6.60	-5.7575	1.0000	4.4108	3.4108	1.2932	1.2930	2.5346
-6.40	-5.5575	1.0000	4.4106	3.4107	1.2932	1.2930	2.5346
-6.20	-5.3575	1.0000	4.4105	3.4106	1.2932	1.2930	2.5346
-6.00	-5.1575	1.0000	4.4106	3.4107	1.2932	1.2930	2.5346
-5.80	-4.9575	1.0000	4.4107	3.4105	1.2932	1.2929	2.5346
-5.60	-4.7575	1.0000	4.4107	3.4106	1.2932	1.2930	2.5346
-5.40	-4.5575	1.0000	4.4105	3.4106	1.2932	1.2930	2.5346
-5.20	-4.3575	1.0000	4.4105	3.4105	1.2932	1.2930	2.5346

T= 1900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1575	1.0000	4.4105	3.4105	1.2932	1.2930	2.5346
-4.80	-3.9575	1.0000	4.4105	3.4106	1.2932	1.2930	2.5346
-4.60	-3.7575	1.0000	4.4104	3.4106	1.2931	1.2930	2.5346
-4.40	-3.5575	1.0000	4.4104	3.4106	1.2931	1.2930	2.5346
-4.20	-3.3575	1.0000	4.4104	3.4106	1.2932	1.2930	2.5346
-4.00	-3.1575	1.0000	4.4105	3.4106	1.2932	1.2930	2.5346
-3.80	-2.9575	1.0000	4.4104	3.4107	1.2931	1.2930	2.5346
-3.60	-2.7575	1.0000	4.4104	3.4107	1.2931	1.2930	2.5346
-3.40	-2.5575	1.0000	4.4103	3.4107	1.2931	1.2930	2.5346
-3.20	-2.3575	1.0000	4.4103	3.4107	1.2931	1.2930	2.5346
-3.00	-2.1575	1.0000	4.4104	3.4105	1.2932	1.2930	2.5346
-2.80	-1.9575	1.0000	4.4104	3.4105	1.2932	1.2930	2.5346
-2.60	-1.7575	1.0000	4.4103	3.4105	1.2931	1.2930	2.5346
-2.40	-1.5575	1.0000	4.4104	3.4105	1.2932	1.2930	2.5346
-2.20	-1.3575	1.0000	4.4105	3.4105	1.2932	1.2931	2.5347
-2.00	-1.1575	1.0000	4.4108	3.4105	1.2933	1.2930	2.5346
-1.80	-0.9575	1.0000	4.4107	3.4105	1.2933	1.2930	2.5346
-1.60	-0.7574	1.0000	4.4103	3.4105	1.2932	1.2930	2.5347
-1.40	-0.5574	1.0001	4.4105	3.4106	1.2932	1.2931	2.5348
-1.20	-0.3574	1.0001	4.4106	3.4106	1.2932	1.2931	2.5348
-1.00	-0.1574	1.0001	4.4107	3.4105	1.2932	1.2932	2.5350
-0.80	0.0426	1.0002	4.4106	3.4106	1.2932	1.2933	2.5352
-0.60	0.2427	1.0004	4.4109	3.4108	1.2932	1.2936	2.5356
-0.40	0.4428	1.0006	4.4113	3.4109	1.2933	1.2939	2.5362
-0.20	0.6429	1.0009	4.4116	3.4109	1.2934	1.2942	2.5370
0.0	0.8430	1.0014	4.4122	3.4112	1.2934	1.2957	2.5391
0.20	1.0433	1.0022	4.4124	3.4115	1.2934	1.2972	2.5416
0.40	1.2439	1.0036	4.4113	3.4113	1.2932	1.2989	2.5449
0.60	1.4448	1.0057	4.4133	3.4142	1.2926	1.3013	2.5500
0.80	1.6462	1.0090	4.4192	3.4171	1.2932	1.3050	2.5578
1.00	1.8483	1.0138	4.4201	3.4169	1.2936	1.3135	2.5722
1.20	2.0523	1.0231	4.4177	3.4175	1.2927	1.3253	2.5956
1.40	2.2582	1.0373	4.4200	3.4198	1.2925	1.3418	2.6297
1.60	2.4677	1.0600	4.4256	3.4247	1.2923	1.3695	2.6857
1.80	2.6827	1.0973	4.4334	3.4332	1.2913	1.4149	2.7773
2.00	2.9070	1.1606	4.4428	3.4479	1.2886	1.4890	2.9301
2.20	3.1468	1.2720	4.4569	3.4735	1.2831	1.6104	3.1901
2.40	3.4129	1.4811	4.4702	3.5201	1.2699	1.8154	3.6550
2.60	3.7256	1.9199	4.4795	3.6086	1.2413	2.1406	4.5185
2.80	4.1121	2.9493	4.5020	3.7586	1.1978	2.5730	6.1403
3.00	4.5923	5.6224	0.0	3.8801	0.0	0.0	0.0

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1354	1.0000	0.0	3.4537	0.0	0.0	0.0
-6.80	-5.9354	1.0000	4.4555	3.4537	1.2901	1.2894	2.5968
-6.60	-5.7354	1.0000	4.4530	3.4533	1.2895	1.2893	2.5968
-6.40	-5.5354	1.0000	4.4529	3.4534	1.2894	1.2893	2.5968
-6.20	-5.3354	1.0000	4.4530	3.4531	1.2896	1.2893	2.5968
-6.00	-5.1354	1.0000	4.4532	3.4532	1.2896	1.2894	2.5968
-5.80	-4.9354	1.0000	4.4529	3.4531	1.2896	1.2894	2.5968
-5.60	-4.7354	1.0000	4.4529	3.4529	1.2896	1.2894	2.5968
-5.40	-4.5354	1.0000	4.4528	3.4532	1.2895	1.2894	2.5968
-5.20	-4.3354	1.0000	4.4527	3.4528	1.2896	1.2894	2.5969

T= 2000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1354	1.0000	4.4527	3.4526	1.2897	1.2894	2.5968
-4.80	-3.9354	1.0000	4.4527	3.4529	1.2895	1.2894	2.5968
-4.60	-3.7354	1.0000	4.4528	3.4529	1.2896	1.2893	2.5968
-4.40	-3.5354	1.0000	4.4526	3.4526	1.2896	1.2894	2.5968
-4.20	-3.3354	1.0000	4.4529	3.4527	1.2897	1.2894	2.5969
-4.00	-3.1354	1.0000	4.4527	3.4528	1.2896	1.2894	2.5968
-3.80	-2.9354	1.0000	4.4526	3.4525	1.2897	1.2894	2.5968
-3.60	-2.7354	1.0000	4.4528	3.4527	1.2897	1.2894	2.5968
-3.40	-2.5354	1.0000	4.4528	3.4527	1.2897	1.2894	2.5968
-3.20	-2.3354	1.0000	4.4525	3.4525	1.2897	1.2894	2.5968
-3.00	-2.1354	1.0000	4.4526	3.4527	1.2896	1.2894	2.5969
-2.80	-1.9354	1.0000	4.4528	3.4527	1.2897	1.2894	2.5968
-2.60	-1.7354	1.0000	4.4528	3.4527	1.2897	1.2894	2.5968
-2.40	-1.5354	1.0000	4.4525	3.4528	1.2895	1.2894	2.5968
-2.20	-1.3354	1.0000	4.4528	3.4528	1.2896	1.2894	2.5969
-2.00	-1.1354	1.0000	4.4530	3.4528	1.2897	1.2895	2.5969
-1.80	-0.9354	1.0000	4.4527	3.4528	1.2896	1.2894	2.5969
-1.60	-0.7353	1.0000	4.4526	3.4528	1.2896	1.2895	2.5969
-1.40	-0.5353	1.0001	4.4527	3.4527	1.2896	1.2894	2.5969
-1.20	-0.3353	1.0001	4.4527	3.4527	1.2896	1.2895	2.5971
-1.00	-0.1353	1.0001	4.4530	3.4528	1.2897	1.2896	2.5972
-0.80	0.0647	1.0002	4.4528	3.4529	1.2896	1.2897	2.5975
-0.60	0.2648	1.0004	4.4532	3.4529	1.2897	1.2899	2.5978
-0.40	0.4649	1.0006	4.4532	3.4529	1.2897	1.2902	2.5985
-0.20	0.6650	1.0009	4.4538	3.4530	1.2898	1.2906	2.5993
0.0	0.8653	1.0015	4.4540	3.4536	1.2897	1.2920	2.6014
0.20	1.0656	1.0023	4.4556	3.4549	1.2896	1.2935	2.6039
0.40	1.2662	1.0036	4.4556	3.4558	1.2893	1.2951	2.6072
0.60	1.4671	1.0057	4.4505	3.4508	1.2897	1.2980	2.6128
0.80	1.6685	1.0090	4.4487	3.4462	1.2909	1.3022	2.6215
1.00	1.8706	1.0139	4.4496	3.4467	1.2910	1.3102	2.6359
1.20	2.0746	1.0232	4.4483	3.4475	1.2903	1.3218	2.6595
1.40	2.2805	1.0373	4.4499	3.4498	1.2899	1.3381	2.6943
1.60	2.4899	1.0600	4.4536	3.4540	1.2894	1.3653	2.7511
1.80	2.7049	1.0972	4.4590	3.4621	1.2879	1.4097	2.8441
2.00	2.9291	1.1602	4.4675	3.4761	1.2852	1.4822	2.9988
2.20	3.1687	1.2709	4.4806	3.5001	1.2801	1.6006	3.2617
2.40	3.4342	1.4778	4.4897	3.5437	1.2669	1.7999	3.7297
2.60	3.7453	1.9084	4.4889	3.6254	1.2382	2.1166	4.5961
2.80	4.1284	2.9091	4.5057	3.7575	1.1991	2.5445	6.2220
3.00	4.6042	5.4903	0.0	3.8582	0.0	0.0	0.0

T= 2100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.1142	1.0000	0.0	3.3203	0.0	0.0	0.0
-6.80	-5.9142	1.0000	4.3192	3.3195	1.3012	1.2988	2.6707
-6.60	-5.7142	1.0000	4.3189	3.3190	1.3013	1.2988	2.6706
-6.40	-5.5142	1.0000	4.3188	3.3186	1.3014	1.2988	2.6707
-6.20	-5.3142	1.0000	4.3187	3.3184	1.3014	1.2988	2.6707
-6.00	-5.1142	1.0000	4.3183	3.3180	1.3015	1.2989	2.6707
-5.80	-4.9142	1.0000	4.3179	3.3178	1.3014	1.2989	2.6708
-5.60	-4.7142	1.0000	4.3175	3.3177	1.3013	1.2989	2.6708
-5.40	-4.5142	1.0000	4.3176	3.3177	1.3014	1.2989	2.6708
-5.20	-4.3142	1.0000	4.3178	3.3177	1.3014	1.2989	2.6708

T= 2100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.1142	1.0000	4.3177	3.3176	1.3015	1.2989	2.6708
-4.80	-3.9142	1.0000	4.3174	3.3173	1.3015	1.2989	2.6708
-4.60	-3.7142	1.0000	4.3173	3.3173	1.3014	1.2989	2.6708
-4.40	-3.5142	1.0000	4.3172	3.3173	1.3014	1.2989	2.6708
-4.20	-3.3142	1.0000	4.3172	3.3171	1.3015	1.2989	2.6708
-4.00	-3.1142	1.0000	4.3169	3.3172	1.3014	1.2989	2.6708
-3.80	-2.9142	1.0000	4.3167	3.3173	1.3013	1.2989	2.6708
-3.60	-2.7142	1.0000	4.3172	3.3173	1.3014	1.2989	2.6708
-3.40	-2.5142	1.0000	4.3170	3.3172	1.3014	1.2990	2.6708
-3.20	-2.3142	1.0000	4.3173	3.3172	1.3015	1.2990	2.6708
-3.00	-2.1142	1.0000	4.3171	3.3169	1.3015	1.2989	2.6708
-2.80	-1.9142	1.0000	4.3168	3.3169	1.3014	1.2989	2.6708
-2.60	-1.7142	1.0000	4.3171	3.3171	1.3015	1.2990	2.6708
-2.40	-1.5142	1.0000	4.3172	3.3171	1.3015	1.2990	2.6709
-2.20	-1.3142	1.0000	4.3171	3.3171	1.3015	1.2991	2.6709
-2.00	-1.1142	1.0000	4.3169	3.3171	1.3014	1.2990	2.6708
-1.80	-0.9142	1.0000	4.3170	3.3171	1.3015	1.2989	2.6708
-1.60	-0.7142	1.0000	4.3177	3.3171	1.3017	1.2990	2.6709
-1.40	-0.5142	1.0001	4.3173	3.3171	1.3015	1.2990	2.6709
-1.20	-0.3141	1.0001	4.3171	3.3169	1.3015	1.2990	2.6710
-1.00	-0.1141	1.0001	4.3171	3.3173	1.3014	1.2992	2.6713
-0.80	0.0859	1.0002	4.3173	3.3173	1.3014	1.2993	2.6714
-0.60	0.2860	1.0004	4.3170	3.3171	1.3015	1.2994	2.6718
-0.40	0.4861	1.0006	4.3169	3.3170	1.3014	1.2997	2.6724
-0.20	0.6862	1.0009	4.3168	3.3170	1.3014	1.3001	2.6733
0.0	0.8864	1.0015	4.3172	3.3172	1.3015	1.3007	2.6746
0.20	1.0868	1.0023	4.3180	3.3176	1.3015	1.3019	2.6768
0.40	1.2874	1.0036	4.3193	3.3184	1.3016	1.3037	2.6805
0.60	1.4883	1.0057	4.3157	3.3152	1.3018	1.3067	2.6864
0.80	1.6897	1.0091	4.3144	3.3124	1.3025	1.3109	2.6952
1.00	1.8919	1.0140	4.3155	3.3132	1.3025	1.3189	2.7101
1.20	2.0957	1.0232	4.3137	3.3134	1.3019	1.3304	2.7340
1.40	2.3017	1.0373	4.3143	3.3155	1.3013	1.3468	2.7698
1.60	2.5111	1.0599	4.3172	3.3195	1.3006	1.3741	2.8281
1.80	2.7260	1.0970	4.3221	3.3266	1.2992	1.4187	2.9234
2.00	2.9502	1.1598	4.3301	3.3399	1.2965	1.4911	3.0815
2.20	3.1895	1.2697	4.3402	3.3627	1.2907	1.6093	3.3496
2.40	3.4544	1.4744	4.3463	3.4035	1.2770	1.8069	3.8248
2.60	3.7640	1.8974	4.3393	3.4787	1.2474	2.1186	4.6983
2.80	4.1440	2.8719	4.3486	3.5961	1.2093	2.5418	6.3315
3.00	4.6158	5.3707	0.0	3.6784	0.0	0.0	0.0

T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0940	1.0000	0.0	3.3830	0.0	0.0	0.0
-6.80	-5.8940	1.0000	4.3809	3.3810	1.2957	1.2969	2.7315
-6.60	-5.6940	1.0000	4.3800	3.3797	1.2960	1.2969	2.7315
-6.40	-5.4940	1.0000	4.3782	3.3782	1.2960	1.2970	2.7316
-6.20	-5.2940	1.0000	4.3772	3.3774	1.2960	1.2972	2.7318
-6.00	-5.0940	1.0000	4.3765	3.3766	1.2961	1.2972	2.7318
-5.80	-4.8940	1.0000	4.3761	3.3759	1.2963	1.2972	2.7318
-5.60	-4.6940	1.0000	4.3757	3.3757	1.2962	1.2974	2.7320
-5.40	-4.4940	1.0000	4.3752	3.3752	1.2963	1.2974	2.7320
-5.20	-4.2940	1.0000	4.3747	3.3748	1.2963	1.2973	2.7320

T= 2200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0940	1.0000	4.3743	3.3745	1.2963	1.2974	2.7320
-4.80	-3.8940	1.0000	4.3741	3.3743	1.2963	1.2974	2.7320
-4.60	-3.6940	1.0000	4.3743	3.3743	1.2964	1.2974	2.7321
-4.40	-3.4940	1.0000	4.3738	3.3740	1.2963	1.2975	2.7321
-4.20	-3.2940	1.0000	4.3737	3.3739	1.2963	1.2974	2.7320
-4.00	-3.0940	1.0000	4.3737	3.3738	1.2964	1.2974	2.7320
-3.80	-2.8940	1.0000	4.3736	3.3741	1.2962	1.2974	2.7320
-3.60	-2.6940	1.0000	4.3741	3.3739	1.2965	1.2975	2.7321
-3.40	-2.4940	1.0000	4.3737	3.3739	1.2963	1.2975	2.7321
-3.20	-2.2940	1.0000	4.3736	3.3738	1.2963	1.2975	2.7321
-3.00	-2.0940	1.0000	4.3735	3.3738	1.2963	1.2974	2.7320
-2.80	-1.8940	1.0000	4.3730	3.3738	1.2962	1.2974	2.7320
-2.60	-1.6940	1.0000	4.3737	3.3738	1.2964	1.2975	2.7321
-2.40	-1.4940	1.0000	4.3742	3.3736	1.2966	1.2975	2.7321
-2.20	-1.2940	1.0000	4.3740	3.3737	1.2965	1.2975	2.7321
-2.00	-1.0940	1.0000	4.3737	3.3737	1.2964	1.2974	2.7320
-1.80	-0.8940	1.0000	4.3734	3.3737	1.2963	1.2975	2.7321
-1.60	-0.6940	1.0000	4.3732	3.3737	1.2963	1.2974	2.7321
-1.40	-0.4939	1.0001	4.3736	3.3737	1.2964	1.2975	2.7322
-1.20	-0.2939	1.0001	4.3736	3.3737	1.2964	1.2976	2.7324
-1.00	-0.0939	1.0001	4.3733	3.3736	1.2963	1.2977	2.7325
-0.80	0.1061	1.0002	4.3738	3.3738	1.2964	1.2978	2.7328
-0.60	0.3062	1.0004	4.3740	3.3738	1.2964	1.2979	2.7331
-0.40	0.5063	1.0006	4.3739	3.3739	1.2964	1.2982	2.7336
-0.20	0.7064	1.0009	4.3741	3.3739	1.2965	1.2985	2.7345
0.0	0.9066	1.0015	4.3743	3.3740	1.2965	1.2993	2.7360
0.20	1.1070	1.0023	4.3734	3.3731	1.2965	1.3005	2.7383
0.40	1.3076	1.0036	4.3739	3.3733	1.2966	1.3023	2.7421
0.60	1.5085	1.0057	4.3756	3.3750	1.2965	1.3051	2.7480
0.80	1.7099	1.0091	4.3786	3.3770	1.2966	1.3090	2.7566
1.00	1.9121	1.0141	4.3804	3.3769	1.2971	1.3169	2.7719
1.20	2.1160	1.0232	4.3771	3.3771	1.2961	1.3282	2.7961
1.40	2.3219	1.0373	4.3775	3.3789	1.2955	1.3445	2.8325
1.60	2.5312	1.0598	4.3802	3.3828	1.2948	1.3717	2.8919
1.80	2.7461	1.0968	4.3844	3.3897	1.2935	1.4159	2.9891
2.00	2.9702	1.1593	4.3911	3.4017	1.2908	1.4876	3.1497
2.20	3.2093	1.2685	4.3974	3.4230	1.2847	1.6043	3.4214
2.40	3.4737	1.4711	4.4026	3.4616	1.2718	1.7988	3.9015
2.60	3.7818	1.8870	4.3887	3.5310	1.2429	2.1050	4.7803
2.80	4.1589	2.8376	4.3953	3.6354	1.2090	2.5247	6.4198
3.00	4.6272	5.2620	0.0	3.7021	0.0	0.0	0.0

T= 2300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0747	1.0000	0.0	3.3880	0.0	0.0	0.0
-6.80	-5.8747	1.0000	4.3837	3.3828	1.2959	1.2944	2.7902
-6.60	-5.6747	1.0000	4.3792	3.3783	1.2963	1.2948	2.7906
-6.40	-5.4747	1.0000	4.3755	3.3750	1.2964	1.2950	2.7909
-6.20	-5.2747	1.0000	4.3729	3.3724	1.2967	1.2952	2.7911
-6.00	-5.0747	1.0000	4.3706	3.3704	1.2968	1.2954	2.7913
-5.80	-4.8747	1.0000	4.3688	3.3687	1.2969	1.2955	2.7914
-5.60	-4.6747	1.0000	4.3675	3.3672	1.2971	1.2956	2.7915
-5.40	-4.4747	1.0000	4.3665	3.3662	1.2972	1.2958	2.7917
-5.20	-4.2747	1.0000	4.3654	3.3653	1.2972	1.2957	2.7916

T= 2300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0747	1.0000	4.3648	3.3645	1.2973	1.2958	2.7917
-4.80	-3.8747	1.0000	4.3642	3.3641	1.2973	1.2959	2.7918
-4.60	-3.6747	1.0000	4.3639	3.3637	1.2973	1.2960	2.7919
-4.40	-3.4747	1.0000	4.3637	3.3632	1.2975	1.2960	2.7919
-4.20	-3.2747	1.0000	4.3634	3.3632	1.2974	1.2960	2.7919
-4.00	-3.0747	1.0000	4.3632	3.3628	1.2975	1.2960	2.7919
-3.80	-2.8747	1.0000	4.3633	3.3626	1.2976	1.2961	2.7920
-3.60	-2.6747	1.0000	4.3627	3.3625	1.2975	1.2960	2.7920
-3.40	-2.4747	1.0000	4.3625	3.3624	1.2974	1.2960	2.7920
-3.20	-2.2747	1.0000	4.3624	3.3622	1.2975	1.2960	2.7919
-3.00	-2.0747	1.0000	4.3625	3.3623	1.2975	1.2961	2.7920
-2.80	-1.8747	1.0000	4.3629	3.3623	1.2976	1.2961	2.7920
-2.60	-1.6747	1.0000	4.3624	3.3622	1.2975	1.2961	2.7920
-2.40	-1.4747	1.0000	4.3622	3.3622	1.2974	1.2961	2.7920
-2.20	-1.2747	1.0000	4.3623	3.3622	1.2975	1.2961	2.7920
-2.00	-1.0747	1.0000	4.3622	3.3621	1.2975	1.2960	2.7920
-1.80	-0.8747	1.0000	4.3623	3.3621	1.2975	1.2961	2.7920
-1.60	-0.6747	1.0000	4.3621	3.3621	1.2974	1.2961	2.7921
-1.40	-0.4746	1.0001	4.3621	3.3621	1.2974	1.2961	2.7922
-1.20	-0.2746	1.0001	4.3623	3.3621	1.2975	1.2962	2.7922
-1.00	-0.0746	1.0001	4.3626	3.3621	1.2976	1.2963	2.7924
-0.80	0.1254	1.0002	4.3622	3.3621	1.2975	1.2964	2.7926
-0.60	0.3255	1.0004	4.3620	3.3622	1.2974	1.2966	2.7930
-0.40	0.5256	1.0006	4.3621	3.3622	1.2974	1.2969	2.7937
-0.20	0.7257	1.0009	4.3626	3.3623	1.2975	1.2972	2.7946
0.0	0.9260	1.0015	4.3628	3.3624	1.2975	1.2978	2.7959
0.20	1.1263	1.0023	4.3628	3.3625	1.2975	1.2989	2.7982
0.40	1.3269	1.0036	4.3625	3.3625	1.2974	1.3007	2.8020
0.60	1.5278	1.0057	4.3647	3.3640	1.2975	1.3034	2.8079
0.80	1.7292	1.0091	4.3676	3.3659	1.2976	1.3074	2.8168
1.00	1.9314	1.0142	4.3686	3.3660	1.2978	1.3151	2.8324
1.20	2.1353	1.0232	4.3663	3.3662	1.2971	1.3263	2.8569
1.40	2.3412	1.0372	4.3665	3.3677	1.2966	1.3426	2.8941
1.60	2.5505	1.0597	4.3682	3.3713	1.2957	1.3696	2.9545
1.80	2.7654	1.0966	4.3725	3.3780	1.2944	1.4134	3.0532
2.00	2.9893	1.1588	4.3767	3.3894	1.2913	1.4844	3.2164
2.20	3.2282	1.2673	4.3815	3.4093	1.2852	1.5998	3.4916
2.40	3.4920	1.4679	4.3839	3.4449	1.2726	1.7913	3.9766
2.60	3.7988	1.8771	4.3735	3.5085	1.2465	2.0928	4.8608
2.80	4.1733	2.8057	4.3678	3.6004	1.2131	2.5101	6.5082
3.00	4.6382	5.1628	0.0	3.6560	0.0	0.0	0.0

T= 2400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0562	1.0001	0.0	3.4672	0.0	0.0	0.0
-6.80	-5.8562	1.0000	4.4558	3.4533	1.2903	1.2905	2.8460
-6.60	-5.6562	1.0000	4.4445	3.4426	1.2910	1.2915	2.8470
-6.40	-5.4562	1.0000	4.4358	3.4341	1.2917	1.2922	2.8478
-6.20	-5.2562	1.0000	4.4283	3.4270	1.2922	1.2928	2.8484
-6.00	-5.0562	1.0000	4.4226	3.4217	1.2925	1.2932	2.8489
-5.80	-4.8562	1.0000	4.4182	3.4174	1.2929	1.2936	2.8493
-5.60	-4.6562	1.0000	4.4145	3.4138	1.2931	1.2938	2.8495
-5.40	-4.4562	1.0000	4.4119	3.4111	1.2934	1.2940	2.8497
-5.20	-4.2562	1.0000	4.4094	3.4091	1.2934	1.2941	2.8499

T= 2400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0562	1.0000	4.4078	3.4074	1.2936	1.2943	2.8501
-4.80	-3.8562	1.0000	4.4063	3.4060	1.2937	1.2944	2.8502
-4.60	-3.6562	1.0000	4.4049	3.4048	1.2937	1.2945	2.8503
-4.40	-3.4562	1.0000	4.4044	3.4041	1.2938	1.2945	2.8503
-4.20	-3.2562	1.0000	4.4036	3.4034	1.2939	1.2945	2.8504
-4.00	-3.0562	1.0000	4.4030	3.4028	1.2939	1.2946	2.8505
-3.80	-2.8562	1.0000	4.4025	3.4021	1.2940	1.2947	2.8505
-3.60	-2.6562	1.0000	4.4020	3.4020	1.2939	1.2947	2.8505
-3.40	-2.4562	1.0000	4.4017	3.4016	1.2940	1.2947	2.8506
-3.20	-2.2562	1.0000	4.4019	3.4016	1.2941	1.2947	2.8505
-3.00	-2.0562	1.0000	4.4016	3.4013	1.2941	1.2947	2.8506
-2.80	-1.8562	1.0000	4.4016	3.4012	1.2941	1.2948	2.8507
-2.60	-1.6562	1.0000	4.4010	3.4011	1.2940	1.2947	2.8506
-2.40	-1.4562	1.0000	4.4008	3.4012	1.2939	1.2947	2.8506
-2.20	-1.2562	1.0000	4.4006	3.4010	1.2939	1.2948	2.8507
-2.00	-1.0562	1.0000	4.4008	3.4009	1.2940	1.2949	2.8508
-1.80	-0.8562	1.0000	4.4008	3.4009	1.2940	1.2948	2.8507
-1.60	-0.6562	1.0000	4.4007	3.4009	1.2940	1.2949	2.8508
-1.40	-0.4562	1.0001	4.4009	3.4007	1.2941	1.2950	2.8509
-1.20	-0.2561	1.0001	4.4008	3.4008	1.2941	1.2949	2.8509
-1.00	-0.0561	1.0001	4.4012	3.4008	1.2942	1.2949	2.8510
-0.80	0.1439	1.0002	4.4009	3.4008	1.2941	1.2950	2.8512
-0.60	0.3440	1.0004	4.4004	3.4007	1.2940	1.2953	2.8517
-0.40	0.5441	1.0006	4.4009	3.4007	1.2941	1.2956	2.8523
-0.20	0.7442	1.0009	4.4006	3.4009	1.2939	1.2960	2.8533
0.0	0.9444	1.0015	4.4010	3.4010	1.2940	1.2965	2.8547
0.20	1.1448	1.0023	4.4024	3.4023	1.2940	1.2976	2.8570
0.40	1.3454	1.0036	4.4027	3.4025	1.2940	1.2994	2.8609
0.60	1.5463	1.0057	4.4029	3.4023	1.2941	1.3021	2.8669
0.80	1.7477	1.0091	4.4041	3.4027	1.2943	1.3063	2.8763
1.00	1.9499	1.0143	4.4054	3.4032	1.2945	1.3140	2.8921
1.20	2.1537	1.0232	4.4034	3.4035	1.2938	1.3249	2.9168
1.40	2.3596	1.0372	4.4031	3.4049	1.2932	1.3412	2.9547
1.60	2.5689	1.0596	4.4046	3.4082	1.2924	1.3681	3.0163
1.80	2.7838	1.0964	4.4077	3.4143	1.2909	1.4115	3.1164
2.00	3.0076	1.1583	4.4099	3.4249	1.2876	1.4819	3.2821
2.20	3.2462	1.2661	4.4152	3.4437	1.2821	1.5961	3.5612
2.40	3.5096	1.4648	4.4156	3.4766	1.2701	1.7851	4.0509
2.60	3.8151	1.8677	4.4062	3.5343	1.2457	2.0828	4.9411
2.80	4.1872	2.7762	4.3870	3.6145	1.2137	2.4975	6.5966
3.00	4.6490	5.0718	0.0	3.6589	0.0	0.0	0.0

T= 2500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0384	1.0001	0.0	3.5716	0.0	0.0	0.0
-6.80	-5.8384	1.0001	4.5445	3.5393	1.2840	1.2844	2.8979
-6.60	-5.6384	1.0001	4.5182	3.5137	1.2859	1.2862	2.8999
-6.40	-5.4384	1.0001	4.4970	3.4933	1.2873	1.2878	2.9016
-6.20	-5.2384	1.0001	4.4801	3.4772	1.2884	1.2890	2.9030
-6.00	-5.0384	1.0000	4.4666	3.4642	1.2894	1.2900	2.9041
-5.80	-4.8384	1.0000	4.4558	3.4539	1.2901	1.2907	2.9049
-5.60	-4.6384	1.0000	4.4475	3.4458	1.2907	1.2913	2.9055
-5.40	-4.4384	1.0000	4.4403	3.4393	1.2911	1.2918	2.9061
-5.20	-4.2384	1.0000	4.4353	3.4342	1.2915	1.2923	2.9066

T= 2500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0384	1.0000	4.4309	3.4303	1.2917	1.2926	2.9070
-4.80	-3.8384	1.0000	4.4272	3.4270	1.2918	1.2929	2.9073
-4.60	-3.6385	1.0000	4.4249	3.4245	1.2921	1.2930	2.9074
-4.40	-3.4385	1.0000	4.4226	3.4224	1.2922	1.2932	2.9076
-4.20	-3.2385	1.0000	4.4213	3.4207	1.2925	1.2933	2.9078
-4.00	-3.0385	1.0000	4.4197	3.4195	1.2925	1.2934	2.9079
-3.80	-2.8385	1.0000	4.4185	3.4186	1.2925	1.2935	2.9080
-3.60	-2.6385	1.0000	4.4174	3.4177	1.2925	1.2936	2.9080
-3.40	-2.4385	1.0000	4.4172	3.4170	1.2927	1.2936	2.9081
-3.20	-2.2385	1.0000	4.4166	3.4165	1.2927	1.2937	2.9082
-3.00	-2.0385	1.0000	4.4160	3.4161	1.2927	1.2937	2.9082
-2.80	-1.8385	1.0000	4.4155	3.4158	1.2927	1.2937	2.9082
-2.60	-1.6385	1.0000	4.4154	3.4156	1.2927	1.2938	2.9083
-2.40	-1.4385	1.0000	4.4152	3.4153	1.2928	1.2938	2.9084
-2.20	-1.2385	1.0000	4.4152	3.4150	1.2929	1.2938	2.9083
-2.00	-1.0384	1.0000	4.4151	3.4150	1.2929	1.2937	2.9082
-1.80	-0.8384	1.0000	4.4150	3.4149	1.2929	1.2937	2.9083
-1.60	-0.6384	1.0000	4.4148	3.4147	1.2929	1.2939	2.9084
-1.40	-0.4384	1.0001	4.4149	3.4149	1.2929	1.2938	2.9084
-1.20	-0.2384	1.0001	4.4145	3.4147	1.2928	1.2939	2.9086
-1.00	-0.0384	1.0001	4.4143	3.4146	1.2928	1.2940	2.9087
-0.80	0.1616	1.0002	4.4145	3.4146	1.2928	1.2941	2.9090
-0.60	0.3617	1.0004	4.4149	3.4147	1.2929	1.2943	2.9094
-0.40	0.5618	1.0006	4.4146	3.4147	1.2928	1.2945	2.9099
-0.20	0.7619	1.0009	4.4150	3.4146	1.2930	1.2949	2.9109
0.0	0.9622	1.0015	4.4147	3.4148	1.2928	1.2956	2.9125
0.20	1.1625	1.0023	4.4154	3.4154	1.2928	1.2967	2.9149
0.40	1.3631	1.0036	4.4163	3.4158	1.2929	1.2985	2.9189
0.60	1.5640	1.0057	4.4157	3.4157	1.2928	1.3013	2.9251
0.80	1.7655	1.0091	4.4171	3.4161	1.2930	1.3055	2.9347
1.00	1.9677	1.0143	4.4194	3.4167	1.2934	1.3132	2.9509
1.20	2.1715	1.0232	4.4168	3.4169	1.2926	1.3239	2.9759
1.40	2.3773	1.0371	4.4160	3.4183	1.2919	1.3401	3.0143
1.60	2.5866	1.0595	4.4170	3.4211	1.2911	1.3668	3.0768
1.80	2.8014	1.0961	4.4185	3.4269	1.2894	1.4100	3.1787
2.00	3.0251	1.1578	4.4206	3.4367	1.2863	1.4798	3.3465
2.20	3.2636	1.2649	4.4240	3.4539	1.2809	1.5930	3.6293
2.40	3.5264	1.4617	4.4230	3.4847	1.2693	1.7795	4.1236
2.60	3.8308	1.8588	4.4075	3.5372	1.2461	2.0734	5.0197
2.80	4.2007	2.7487	4.3885	3.6078	1.2164	2.4861	6.6839
3.00	4.6594	4.9880	0.0	3.6429	0.0	0.0	0.0

T= 2600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0213	1.0004	0.0	3.7461	0.0	0.0	0.0
-6.80	-5.8213	1.0003	4.6870	3.6751	1.2753	1.2738	2.9434
-6.60	-5.6213	1.0002	4.6292	3.6186	1.2793	1.2773	2.9473
-6.40	-5.4213	1.0002	4.5818	3.5736	1.2821	1.2802	2.9506
-6.20	-5.2214	1.0001	4.5442	3.5379	1.2844	1.2827	2.9533
-6.00	-5.0214	1.0001	4.5143	3.5097	1.2862	1.2847	2.9556
-5.80	-4.8214	1.0001	4.4910	3.4872	1.2879	1.2863	2.9574
-5.60	-4.6214	1.0001	4.4721	3.4694	1.2890	1.2875	2.9588
-5.40	-4.4214	1.0001	4.4572	3.4553	1.2900	1.2886	2.9601
-5.20	-4.2214	1.0000	4.4459	3.4440	1.2909	1.2895	2.9611

T= 2600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0214	1.0000	4.4364	3.4348	1.2916	1.2902	2.9618
-4.80	-3.8214	1.0000	4.4292	3.4277	1.2922	1.2907	2.9624
-4.60	-3.6214	1.0000	4.4230	3.4222	1.2925	1.2913	2.9630
-4.40	-3.4214	1.0000	4.4182	3.4177	1.2928	1.2916	2.9634
-4.20	-3.2214	1.0000	4.4143	3.4142	1.2929	1.2919	2.9637
-4.00	-3.0214	1.0000	4.4117	3.4114	1.2932	1.2920	2.9638
-3.80	-2.8214	1.0000	4.4091	3.4091	1.2933	1.2921	2.9640
-3.60	-2.6214	1.0000	4.4075	3.4073	1.2935	1.2923	2.9642
-3.40	-2.4214	1.0000	4.4058	3.4059	1.2936	1.2924	2.9643
-3.20	-2.2214	1.0000	4.4048	3.4048	1.2937	1.2925	2.9644
-3.00	-2.0214	1.0000	4.4037	3.4039	1.2937	1.2926	2.9645
-2.80	-1.8214	1.0000	4.4028	3.4031	1.2938	1.2926	2.9646
-2.60	-1.6214	1.0000	4.4023	3.4024	1.2939	1.2927	2.9646
-2.40	-1.4214	1.0000	4.4018	3.4020	1.2939	1.2928	2.9648
-2.20	-1.2214	1.0000	4.4016	3.4017	1.2939	1.2927	2.9647
-2.00	-1.0214	1.0000	4.4012	3.4016	1.2939	1.2927	2.9646
-1.80	-0.8214	1.0000	4.4009	3.4014	1.2939	1.2928	2.9647
-1.60	-0.6214	1.0000	4.4008	3.4011	1.2940	1.2928	2.9648
-1.40	-0.4214	1.0001	4.4007	3.4009	1.2940	1.2928	2.9648
-1.20	-0.2214	1.0001	4.4011	3.4008	1.2941	1.2929	2.9649
-1.00	-0.0214	1.0001	4.4005	3.4009	1.2939	1.2931	2.9653
-0.80	0.1787	1.0002	4.4004	3.4007	1.2940	1.2932	2.9656
-0.60	0.3787	1.0004	4.4004	3.4007	1.2940	1.2933	2.9659
-0.40	0.5788	1.0006	4.4003	3.4007	1.2939	1.2936	2.9665
-0.20	0.7790	1.0009	4.4001	3.4007	1.2939	1.2939	2.9674
0.0	0.9792	1.0015	4.4002	3.4007	1.2939	1.2946	2.9690
0.20	1.1795	1.0023	4.3996	3.4000	1.2940	1.2958	2.9715
0.40	1.3801	1.0036	4.4000	3.4005	1.2940	1.2975	2.9756
0.60	1.5810	1.0058	4.4007	3.4011	1.2939	1.3002	2.9818
0.80	1.7825	1.0091	4.4027	3.4019	1.2942	1.3045	2.9917
1.00	1.9848	1.0144	4.4047	3.4024	1.2946	1.3121	3.0082
1.20	2.1885	1.0232	4.4019	3.4025	1.2937	1.3227	3.0335
1.40	2.3944	1.0371	4.4018	3.4037	1.2932	1.3390	3.0726
1.60	2.6036	1.0594	4.4020	3.4062	1.2923	1.3655	3.1361
1.80	2.8183	1.0959	4.4023	3.4114	1.2905	1.4086	3.2396
2.00	3.0420	1.1572	4.4045	3.4208	1.2876	1.4778	3.4098
2.20	3.2802	1.2637	4.4072	3.4366	1.2824	1.5900	3.6958
2.40	3.5425	1.4588	4.4027	3.4648	1.2707	1.7747	4.1952
2.60	3.8458	1.8504	4.3845	3.5135	1.2479	2.0649	5.0968
2.80	4.2136	2.7232	4.3653	3.5758	1.2208	2.4760	6.7706
3.00	4.6697	4.9108	0.0	3.6053	0.0	0.0	0.0

T= 2700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-6.0047	1.0008	0.0	4.1473	0.0	0.0	0.0
-6.80	-5.8048	1.0006	5.0306	4.0000	1.2576	1.2557	2.9786
-6.60	-5.6048	1.0005	4.9051	3.8828	1.2633	1.2623	2.9861
-6.40	-5.4049	1.0004	4.8081	3.7902	1.2686	1.2677	2.9924
-6.20	-5.2049	1.0003	4.7303	3.7163	1.2729	1.2722	2.9975
-6.00	-5.0049	1.0003	4.6686	3.6577	1.2764	1.2759	3.0018
-5.80	-4.8049	1.0002	4.6202	3.6111	1.2795	1.2791	3.0054
-5.60	-4.6050	1.0002	4.5809	3.5740	1.2817	1.2816	3.0084
-5.40	-4.4050	1.0001	4.5500	3.5448	1.2836	1.2836	3.0107
-5.20	-4.2050	1.0001	4.5255	3.5212	1.2852	1.2852	3.0125

T= 2700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-4.0050	1.0001	4.5057	3.5027	1.2863	1.2866	3.0140
-4.80	-3.8050	1.0001	4.4907	3.4878	1.2875	1.2875	3.0151
-4.60	-3.6050	1.0000	4.4787	3.4762	1.2884	1.2884	3.0161
-4.40	-3.4050	1.0000	4.4680	3.4671	1.2887	1.2892	3.0170
-4.20	-3.2050	1.0000	4.4605	3.4595	1.2894	1.2896	3.0175
-4.00	-3.0050	1.0000	4.4543	3.4535	1.2898	1.2901	3.0182
-3.80	-2.8050	1.0000	4.4497	3.4489	1.2902	1.2904	3.0185
-3.60	-2.6050	1.0000	4.4458	3.4451	1.2905	1.2906	3.0186
-3.40	-2.4050	1.0000	4.4424	3.4423	1.2905	1.2910	3.0191
-3.20	-2.2050	1.0000	4.4395	3.4400	1.2905	1.2911	3.0193
-3.00	-2.0050	1.0000	4.4387	3.4380	1.2910	1.2912	3.0193
-2.80	-1.8050	1.0000	4.4369	3.4366	1.2911	1.2913	3.0195
-2.60	-1.6050	1.0000	4.4350	3.4356	1.2909	1.2913	3.0195
-2.40	-1.4050	1.0000	4.4348	3.4347	1.2912	1.2914	3.0196
-2.20	-1.2050	1.0000	4.4338	3.4338	1.2912	1.2914	3.0197
-2.00	-1.0050	1.0000	4.4329	3.4333	1.2912	1.2916	3.0198
-1.80	-0.8050	1.0000	4.4318	3.4328	1.2910	1.2917	3.0200
-1.60	-0.6050	1.0000	4.4327	3.4325	1.2914	1.2917	3.0200
-1.40	-0.4050	1.0001	4.4318	3.4320	1.2913	1.2917	3.0200
-1.20	-0.2050	1.0001	4.4315	3.4320	1.2912	1.2918	3.0202
-1.00	-0.0050	1.0001	4.4316	3.4317	1.2914	1.2919	3.0204
-0.80	0.1951	1.0002	4.4316	3.4315	1.2914	1.2920	3.0207
-0.60	0.3951	1.0004	4.4314	3.4314	1.2914	1.2922	3.0211
-0.40	0.5952	1.0006	4.4313	3.4314	1.2914	1.2925	3.0217
-0.20	0.7954	1.0009	4.4310	3.4314	1.2913	1.2929	3.0228
0.0	0.9956	1.0015	4.4309	3.4314	1.2913	1.2934	3.0241
0.20	1.1959	1.0023	4.4312	3.4312	1.2914	1.2945	3.0267
0.40	1.3965	1.0036	4.4311	3.4313	1.2914	1.2964	3.0309
0.60	1.5974	1.0058	4.4317	3.4317	1.2914	1.2991	3.0372
0.80	1.7989	1.0091	4.4333	3.4326	1.2915	1.3034	3.0474
1.00	2.0012	1.0145	4.4358	3.4330	1.2921	1.3108	3.0642
1.20	2.2049	1.0232	4.4327	3.4332	1.2911	1.3214	3.0896
1.40	2.4107	1.0370	4.4319	3.4340	1.2906	1.3376	3.1294
1.60	2.6199	1.0593	4.4313	3.4367	1.2894	1.3641	3.1940
1.80	2.8346	1.0956	4.4322	3.4415	1.2879	1.4067	3.2987
2.00	3.0582	1.1567	4.4337	3.4500	1.2851	1.4755	3.4714
2.20	3.2962	1.2625	4.4346	3.4650	1.2798	1.5868	3.7608
2.40	3.5581	1.4559	4.4292	3.4913	1.2686	1.7694	4.2648
2.60	3.8603	1.8424	4.4076	3.5357	1.2466	2.0565	5.1723
2.80	4.2262	2.6993	4.3871	3.5909	1.2217	2.4664	6.8561
3.00	4.6797	4.8392	0.0	3.6145	0.0	0.0	0.0

T= 2800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9885	1.0017	0.0	4.8543	0.0	0.0	0.0
-6.80	-5.7886	1.0014	5.6245	4.5657	1.2319	1.2303	3.0035
-6.60	-5.5888	1.0011	5.3829	4.3363	1.2413	1.2401	3.0150
-6.40	-5.3889	1.0009	5.1906	4.1540	1.2495	1.2487	3.0250
-6.20	-5.1889	1.0007	5.0389	4.0094	1.2568	1.2561	3.0337
-6.00	-4.9890	1.0005	4.9178	3.8941	1.2629	1.2624	3.0411
-5.80	-4.7890	1.0004	4.8215	3.8028	1.2679	1.2677	3.0473
-5.60	-4.5891	1.0003	4.7453	3.7301	1.2721	1.2722	3.0526
-5.40	-4.3891	1.0003	4.6846	3.6724	1.2756	1.2758	3.0568
-5.20	-4.1891	1.0002	4.6355	3.6265	1.2782	1.2788	3.0603

T= 2800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9892	1.0002	4.5972	3.5903	1.2805	1.2812	3.0631
-4.80	-3.7892	1.0001	4.5669	3.5612	1.2824	1.2832	3.0654
-4.60	-3.5892	1.0001	4.5425	3.5383	1.2838	1.2846	3.0671
-4.40	-3.3892	1.0001	4.5243	3.5198	1.2854	1.2859	3.0686
-4.20	-3.1892	1.0001	4.5083	3.5054	1.2861	1.2870	3.0698
-4.00	-2.9892	1.0000	4.4962	3.4939	1.2869	1.2879	3.0708
-3.80	-2.7892	1.0000	4.4867	3.4848	1.2875	1.2885	3.0716
-3.60	-2.5892	1.0000	4.4788	3.4776	1.2879	1.2891	3.0723
-3.40	-2.3892	1.0000	4.4736	3.4718	1.2886	1.2894	3.0727
-3.20	-2.1892	1.0000	4.4685	3.4671	1.2888	1.2897	3.0730
-3.00	-1.9892	1.0000	4.4647	3.4635	1.2891	1.2900	3.0733
-2.80	-1.7892	1.0000	4.4619	3.4605	1.2894	1.2902	3.0736
-2.60	-1.5892	1.0000	4.4592	3.4583	1.2894	1.2904	3.0738
-2.40	-1.3892	1.0000	4.4568	3.4565	1.2894	1.2905	3.0739
-2.20	-1.1892	1.0000	4.4553	3.4551	1.2895	1.2907	3.0742
-2.00	-0.9892	1.0000	4.4552	3.4538	1.2900	1.2907	3.0742
-1.80	-0.7892	1.0000	4.4543	3.4527	1.2901	1.2908	3.0743
-1.60	-0.5892	1.0000	4.4534	3.4520	1.2901	1.2909	3.0744
-1.40	-0.3892	1.0001	4.4523	3.4517	1.2899	1.2910	3.0746
-1.20	-0.1892	1.0001	4.4509	3.4513	1.2896	1.2910	3.0747
-1.00	0.0108	1.0001	4.4516	3.4507	1.2901	1.2910	3.0748
-0.80	0.2109	1.0002	4.4510	3.4506	1.2899	1.2911	3.0750
-0.60	0.4109	1.0004	4.4509	3.4503	1.2900	1.2914	3.0756
-0.40	0.6110	1.0006	4.4506	3.4501	1.2900	1.2917	3.0762
-0.20	0.8112	1.0009	4.4508	3.4502	1.2900	1.2921	3.0772
0.0	1.0114	1.0015	4.4511	3.4502	1.2901	1.2927	3.0788
0.20	1.2117	1.0023	4.4515	3.4507	1.2900	1.2938	3.0814
0.40	1.4123	1.0036	4.4516	3.4509	1.2900	1.2957	3.0856
0.60	1.6132	1.0058	4.4505	3.4508	1.2897	1.2983	3.0921
0.80	1.8147	1.0091	4.4520	3.4514	1.2899	1.3028	3.1026
1.00	2.0170	1.0145	4.4543	3.4519	1.2904	1.3102	3.1196
1.20	2.2207	1.0232	4.4535	3.4520	1.2902	1.3205	3.1453
1.40	2.4265	1.0370	4.4505	3.4530	1.2889	1.3367	3.1858
1.60	2.6357	1.0591	4.4501	3.4554	1.2879	1.3630	3.2511
1.80	2.8503	1.0954	4.4507	3.4598	1.2864	1.4055	3.3575
2.00	3.0738	1.1562	4.4514	3.4679	1.2836	1.4738	3.5321
2.20	3.3116	1.2614	4.4493	3.4821	1.2778	1.5842	3.8249
2.40	3.5731	1.4532	4.4453	3.5066	1.2677	1.7649	4.3334
2.60	3.8743	1.8348	4.4216	3.5466	1.2467	2.0497	5.2477
2.80	4.2384	2.6770	4.3994	3.5955	1.2236	2.4581	6.9413
3.00	4.6895	4.7728	0.0	3.6141	0.0	0.0	0.0

T= 2900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9725	1.0034	0.0	6.0494	0.0	0.0	0.0
-6.80	-5.7728	1.0027	6.6269	5.5125	1.2022	1.1989	3.0194
-6.60	-5.5731	1.0022	6.1768	5.0853	1.2146	1.2114	3.0342
-6.40	-5.3732	1.0017	5.8176	4.7453	1.2260	1.2229	3.0479
-6.20	-5.1734	1.0014	5.5327	4.4752	1.2363	1.2334	3.0605
-6.00	-4.9735	1.0011	5.3062	4.2607	1.2454	1.2427	3.0716
-5.80	-4.7736	1.0009	5.1264	4.0903	1.2533	1.2508	3.0811
-5.60	-4.5737	1.0007	4.9833	3.9550	1.2600	1.2578	3.0895
-5.40	-4.3738	1.0005	4.8698	3.8472	1.2658	1.2636	3.0964
-5.20	-4.1738	1.0004	4.7796	3.7619	1.2705	1.2687	3.1025

T= 2900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9738	1.0003	4.7086	3.6937	1.2748	1.2729	3.1074
-4.80	-3.7739	1.0003	4.6513	3.6398	1.2779	1.2762	3.1113
-4.60	-3.5739	1.0002	4.6059	3.5967	1.2806	1.2789	3.1146
-4.40	-3.3739	1.0002	4.5703	3.5627	1.2828	1.2811	3.1171
-4.20	-3.1739	1.0001	4.5419	3.5356	1.2846	1.2830	3.1194
-4.00	-2.9739	1.0001	4.5192	3.5141	1.2860	1.2844	3.1211
-3.80	-2.7740	1.0001	4.5010	3.4971	1.2871	1.2855	3.1224
-3.60	-2.5740	1.0001	4.4865	3.4835	1.2879	1.2867	3.1238
-3.40	-2.3740	1.0001	4.4753	3.4726	1.2887	1.2873	3.1246
-3.20	-2.1740	1.0000	4.4664	3.4642	1.2893	1.2879	3.1252
-3.00	-1.9740	1.0000	4.4589	3.4575	1.2896	1.2883	3.1257
-2.80	-1.7740	1.0000	4.4533	3.4521	1.2900	1.2887	3.1263
-2.60	-1.5740	1.0000	4.4494	3.4476	1.2906	1.2891	3.1267
-2.40	-1.3740	1.0000	4.4451	3.4442	1.2906	1.2894	3.1271
-2.20	-1.1740	1.0000	4.4421	3.4416	1.2907	1.2896	3.1273
-2.00	-0.9740	1.0000	4.4399	3.4395	1.2909	1.2897	3.1274
-1.80	-0.7740	1.0000	4.4385	3.4377	1.2911	1.2898	3.1275
-1.60	-0.5740	1.0000	4.4362	3.4364	1.2909	1.2898	3.1276
-1.40	-0.3740	1.0001	4.4355	3.4354	1.2911	1.2900	3.1279
-1.20	-0.1740	1.0001	4.4355	3.4345	1.2915	1.2902	3.1281
-1.00	0.0261	1.0001	4.4341	3.4337	1.2913	1.2903	3.1283
-0.80	0.2261	1.0002	4.4336	3.4334	1.2913	1.2904	3.1286
-0.60	0.4262	1.0004	4.4330	3.4328	1.2913	1.2905	3.1289
-0.40	0.6262	1.0006	4.4332	3.4326	1.2915	1.2910	3.1298
-0.20	0.8264	1.0009	4.4325	3.4325	1.2913	1.2913	3.1308
0.0	1.0266	1.0015	4.4326	3.4323	1.2914	1.2919	3.1324
0.20	1.2270	1.0023	4.4330	3.4329	1.2913	1.2931	3.1350
0.40	1.4276	1.0036	4.4336	3.4334	1.2913	1.2947	3.1391
0.60	1.6285	1.0058	4.4331	3.4328	1.2914	1.2974	3.1457
0.80	1.8299	1.0091	4.4331	3.4332	1.2912	1.3019	3.1565
1.00	2.0323	1.0146	4.4358	3.4338	1.2918	1.3093	3.1739
1.20	2.2359	1.0232	4.4345	3.4338	1.2914	1.3196	3.1998
1.40	2.4417	1.0369	4.4318	3.4346	1.2903	1.3357	3.2408
1.60	2.6509	1.0590	4.4314	3.4367	1.2894	1.3619	3.3072
1.80	2.8655	1.0952	4.4320	3.4408	1.2881	1.4041	3.4148
2.00	3.0888	1.1557	4.4313	3.4482	1.2851	1.4721	3.5919
2.20	3.3264	1.2603	4.4289	3.4611	1.2796	1.5819	3.8879
2.40	3.5875	1.4506	4.4224	3.4834	1.2696	1.7610	4.4012
2.60	3.8879	1.8276	4.3964	3.5196	1.2491	2.0429	5.3211
2.80	4.2502	2.6562	4.3742	3.5622	1.2280	2.4504	7.0256
3.00	4.6991	4.7109	0.0	3.5782	0.0	0.0	0.0

T= 3000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9564	1.0066	0.0	8.1255	0.0	0.0	0.0
-6.80	-5.7570	1.0052	8.3879	7.1706	1.1698	1.1661	3.0324
-6.60	-5.5575	1.0042	7.5819	6.4116	1.1825	1.1794	3.0481
-6.40	-5.3578	1.0033	6.9415	5.8064	1.1955	1.1926	3.0638
-6.20	-5.1581	1.0026	6.4311	5.3248	1.2078	1.2054	3.0791
-6.00	-4.9584	1.0021	6.0258	4.9419	1.2193	1.2173	3.0935
-5.80	-4.7586	1.0017	5.7037	4.6372	1.2300	1.2282	3.1067
-5.60	-4.5587	1.0013	5.4480	4.3953	1.2395	1.2380	3.1185
-5.40	-4.3588	1.0010	5.2444	4.2029	1.2478	1.2466	3.1289
-5.20	-4.1589	1.0008	5.0833	4.0497	1.2552	1.2540	3.1378

T= 3000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9590	1.0007	4.9548	3.9284	1.2613	1.2605	3.1456
-4.80	-3.7590	1.0005	4.8531	3.8320	1.2665	1.2658	3.1520
-4.60	-3.5591	1.0004	4.7723	3.7552	1.2708	1.2702	3.1574
-4.40	-3.3591	1.0003	4.7071	3.6945	1.2741	1.2740	3.1620
-4.20	-3.1592	1.0003	4.6569	3.6460	1.2773	1.2770	3.1655
-4.00	-2.9592	1.0002	4.6160	3.6075	1.2795	1.2794	3.1684
-3.80	-2.7592	1.0002	4.5837	3.5770	1.2815	1.2814	3.1709
-3.60	-2.5592	1.0001	4.5584	3.5526	1.2831	1.2830	3.1728
-3.40	-2.3592	1.0001	4.5376	3.5334	1.2842	1.2843	3.1743
-3.20	-2.1592	1.0001	4.5212	3.5182	1.2851	1.2853	3.1756
-3.00	-1.9592	1.0001	4.5082	3.5059	1.2859	1.2862	3.1766
-2.80	-1.7593	1.0000	4.4979	3.4962	1.2865	1.2868	3.1774
-2.60	-1.5593	1.0000	4.4902	3.4887	1.2871	1.2873	3.1780
-2.40	-1.3593	1.0000	4.4840	3.4826	1.2876	1.2877	3.1784
-2.20	-1.1593	1.0000	4.4787	3.4776	1.2879	1.2882	3.1790
-2.00	-0.9593	1.0000	4.4740	3.4738	1.2879	1.2884	3.1793
-1.80	-0.7593	1.0000	4.4710	3.4708	1.2882	1.2886	3.1796
-1.60	-0.5593	1.0000	4.4689	3.4683	1.2885	1.2889	3.1799
-1.40	-0.3592	1.0001	4.4666	3.4663	1.2886	1.2890	3.1801
-1.20	-0.1592	1.0001	4.4653	3.4648	1.2888	1.2892	3.1803
-1.00	0.0408	1.0001	4.4638	3.4638	1.2887	1.2894	3.1807
-0.80	0.2408	1.0002	4.4629	3.4627	1.2889	1.2896	3.1811
-0.60	0.4409	1.0004	4.4617	3.4621	1.2887	1.2898	3.1815
-0.40	0.6410	1.0006	4.4615	3.4615	1.2889	1.2900	3.1822
-0.20	0.8411	1.0009	4.4613	3.4610	1.2890	1.2905	3.1833
0.0	1.0413	1.0015	4.4606	3.4607	1.2889	1.2910	3.1848
0.20	1.2417	1.0023	4.4605	3.4607	1.2889	1.2921	3.1874
0.40	1.4423	1.0036	4.4613	3.4615	1.2888	1.2938	3.1917
0.60	1.6432	1.0058	4.4613	3.4610	1.2890	1.2965	3.1984
0.80	1.8447	1.0091	4.4612	3.4607	1.2891	1.3010	3.2093
1.00	2.0470	1.0146	4.4640	3.4619	1.2895	1.3084	3.2271
1.20	2.2507	1.0232	4.4617	3.4616	1.2889	1.3185	3.2532
1.40	2.4564	1.0368	4.4600	3.4623	1.2882	1.3347	3.2949
1.60	2.6655	1.0589	4.4591	3.4641	1.2872	1.3608	3.3621
1.80	2.8801	1.0949	4.4584	3.4682	1.2855	1.4028	3.4712
2.00	3.1034	1.1552	4.4567	3.4747	1.2826	1.4704	3.6503
2.20	3.3408	1.2592	4.4541	3.4863	1.2776	1.5793	3.9498
2.40	3.6015	1.4481	4.4465	3.5068	1.2680	1.7568	4.4673
2.60	3.9010	1.8208	4.4233	3.5395	1.2497	2.0372	5.3946
2.80	4.2617	2.6366	4.3966	3.5764	1.2293	2.4434	7.1090
3.00	4.7084	4.6531	0.0	3.5902	0.0	0.0	0.0

T= 3100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9398	1.0120	0.0	11.4385	0.0	0.0	0.0
-6.80	-5.7409	1.0096	11.1948	9.8155	1.1405	1.1370	3.0505
-6.60	-5.5417	1.0076	9.8314	8.5197	1.1540	1.1492	3.0639
-6.40	-5.3424	1.0061	8.7315	7.4873	1.1662	1.1623	3.0788
-6.20	-5.1429	1.0048	7.8561	6.6648	1.1787	1.1755	3.0944
-6.00	-4.9434	1.0038	7.1621	6.0107	1.1916	1.1887	3.1101
-5.80	-4.7437	1.0030	6.6081	5.4890	1.2039	1.2015	3.1257
-5.60	-4.5440	1.0024	6.1688	5.0742	1.2157	1.2136	3.1404
-5.40	-4.3442	1.0019	5.8191	4.7444	1.2265	1.2249	3.1541
-5.20	-4.1444	1.0015	5.5415	4.4824	1.2363	1.2349	3.1664

T= 3100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9445	1.0012	5.3209	4.2740	1.2449	1.2437	3.1772
-4.80	-3.7446	1.0010	5.1455	4.1084	1.2524	1.2515	3.1867
-4.60	-3.5447	1.0008	5.0058	3.9766	1.2588	1.2582	3.1949
-4.40	-3.3448	1.0006	4.8956	3.8721	1.2643	1.2639	3.2019
-4.20	-3.1448	1.0005	4.8066	3.7893	1.2685	1.2685	3.2075
-4.00	-2.9449	1.0004	4.7372	3.7230	1.2724	1.2723	3.2121
-3.80	-2.7449	1.0003	4.6823	3.6706	1.2756	1.2755	3.2161
-3.60	-2.5449	1.0002	4.6383	3.6290	1.2781	1.2782	3.2193
-3.40	-2.3449	1.0002	4.6027	3.5959	1.2800	1.2802	3.2218
-3.20	-2.1450	1.0001	4.5756	3.5695	1.2818	1.2820	3.2240
-3.00	-1.9450	1.0001	4.5535	3.5484	1.2832	1.2833	3.2256
-2.80	-1.7450	1.0001	4.5355	3.5319	1.2842	1.2844	3.2269
-2.60	-1.5450	1.0001	4.5210	3.5187	1.2848	1.2854	3.2281
-2.40	-1.3450	1.0001	4.5108	3.5082	1.2858	1.2860	3.2289
-2.20	-1.1450	1.0001	4.5019	3.5000	1.2862	1.2866	3.2296
-2.00	-0.9450	1.0000	4.4951	3.4933	1.2868	1.2870	3.2301
-1.80	-0.7450	1.0000	4.4900	3.4883	1.2871	1.2874	3.2306
-1.60	-0.5450	1.0001	4.4847	3.4839	1.2873	1.2877	3.2309
-1.40	-0.3450	1.0001	4.4817	3.4806	1.2876	1.2880	3.2314
-1.20	-0.1450	1.0001	4.4784	3.4779	1.2877	1.2881	3.2316
-1.00	0.0550	1.0002	4.4762	3.4760	1.2877	1.2884	3.2320
-0.80	0.2551	1.0002	4.4747	3.4742	1.2879	1.2887	3.2326
-0.60	0.4551	1.0004	4.4736	3.4729	1.2881	1.2890	3.2331
-0.40	0.6552	1.0006	4.4723	3.4720	1.2881	1.2893	3.2339
-0.20	0.8554	1.0009	4.4717	3.4713	1.2882	1.2897	3.2349
0.0	1.0556	1.0015	4.4706	3.4707	1.2881	1.2904	3.2367
0.20	1.2559	1.0023	4.4704	3.4702	1.2882	1.2915	3.2393
0.40	1.4565	1.0036	4.4705	3.4706	1.2881	1.2933	3.2438
0.60	1.6574	1.0058	4.4701	3.4702	1.2881	1.2960	3.2506
0.80	1.8589	1.0091	4.4704	3.4706	1.2881	1.3005	3.2617
1.00	2.0613	1.0146	4.4732	3.4716	1.2885	1.3079	3.2799
1.20	2.2649	1.0232	4.4725	3.4713	1.2884	1.3178	3.3060
1.40	2.4706	1.0368	4.4699	3.4722	1.2873	1.3339	3.3483
1.60	2.6797	1.0583	4.4687	3.4739	1.2864	1.3600	3.4164
1.80	2.8942	1.0947	4.4673	3.4772	1.2847	1.4019	3.5270
2.00	3.1174	1.1547	4.4649	3.4835	1.2817	1.4691	3.7082
2.20	3.3547	1.2581	4.4633	3.4944	1.2773	1.5774	4.0108
2.40	3.6150	1.4456	4.4549	3.5133	1.2680	1.7537	4.5332
2.60	3.9137	1.8143	4.4345	3.5428	1.2517	2.0319	5.4668
2.80	4.2730	2.6183	4.4013	3.5748	1.2312	2.4371	7.1921
3.00	4.7176	4.5991	0.0	3.5826	0.0	0.0	0.0

T= 3200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9221	1.0212	0.0	16.5327	0.0	0.0	0.0
-6.80	-5.7240	1.0169	15.5852	13.8917	1.1219	1.1140	3.0788
-6.60	-5.5255	1.0134	13.3277	11.7757	1.1318	1.1243	3.0877
-6.40	-5.3266	1.0107	11.5141	10.0841	1.1418	1.1356	3.0990
-6.20	-5.1276	1.0085	10.0712	8.7326	1.1533	1.1478	3.1123
-6.00	-4.9283	1.0067	8.9195	7.6556	1.1651	1.1606	3.1269
-5.80	-4.7289	1.0054	8.0046	6.7980	1.1775	1.1738	3.1424
-5.60	-4.5294	1.0043	7.2770	6.1135	1.1903	1.1868	3.1581
-5.40	-4.3298	1.0034	6.6982	5.5694	1.2027	1.1997	3.1738
-5.20	-4.1301	1.0027	6.2383	5.1362	1.2146	1.2118	3.1886

T= 3200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9303	1.0021	5.8721	4.7917	1.2255	1.2229	3.2024
-4.80	-3.7305	1.0017	5.5815	4.5177	1.2355	1.2331	3.2149
-4.60	-3.5307	1.0013	5.3508	4.3002	1.2443	1.2422	3.2262
-4.40	-3.3308	1.0011	5.1668	4.1273	1.2518	1.2501	3.2360
-4.20	-3.1309	1.0008	5.0209	3.9896	1.2585	1.2568	3.2443
-4.00	-2.9310	1.0007	4.9055	3.8803	1.2642	1.2625	3.2515
-3.80	-2.7310	1.0005	4.8134	3.7938	1.2688	1.2673	3.2573
-3.60	-2.5311	1.0004	4.7401	3.7246	1.2727	1.2712	3.2623
-3.40	-2.3311	1.0003	4.6819	3.6698	1.2758	1.2745	3.2663
-3.20	-2.1311	1.0003	4.6358	3.6262	1.2784	1.2772	3.2696
-3.00	-1.9312	1.0002	4.5991	3.5918	1.2805	1.2793	3.2723
-2.80	-1.7312	1.0002	4.5706	3.5642	1.2824	1.2811	3.2745
-2.60	-1.5312	1.0001	4.5477	3.5424	1.2838	1.2826	3.2763
-2.40	-1.3312	1.0001	4.5284	3.5249	1.2847	1.2838	3.2778
-2.20	-1.1312	1.0001	4.5146	3.5112	1.2858	1.2846	3.2788
-2.00	-0.9312	1.0001	4.5028	3.5003	1.2864	1.2853	3.2796
-1.80	-0.7312	1.0001	4.4928	3.4916	1.2868	1.2858	3.2803
-1.60	-0.5312	1.0001	4.4863	3.4850	1.2873	1.2863	3.2810
-1.40	-0.3312	1.0001	4.4801	3.4792	1.2877	1.2866	3.2813
-1.20	-0.1312	1.0001	4.4759	3.4750	1.2880	1.2870	3.2819
-1.00	0.0688	1.0002	4.4721	3.4714	1.2883	1.2873	3.2824
-0.80	0.2689	1.0002	4.4690	3.4687	1.2884	1.2877	3.2830
-0.60	0.4689	1.0004	4.4669	3.4665	1.2886	1.2880	3.2836
-0.40	0.6690	1.0006	4.4646	3.4649	1.2885	1.2884	3.2845
-0.20	0.8692	1.0009	4.4626	3.4637	1.2884	1.2888	3.2855
0.0	1.0694	1.0015	4.4622	3.4624	1.2888	1.2896	3.2874
0.20	1.2697	1.0023	4.4608	3.4617	1.2886	1.2909	3.2904
0.40	1.4703	1.0036	4.4608	3.4612	1.2888	1.2927	3.2949
0.60	1.6712	1.0058	4.4614	3.4611	1.2890	1.2953	3.3018
0.80	1.8727	1.0091	4.4613	3.4623	1.2885	1.2998	3.3130
1.00	2.0751	1.0147	4.4653	3.4631	1.2894	1.3071	3.3314
1.20	2.2787	1.0232	4.4639	3.4634	1.2889	1.3169	3.3579
1.40	2.4844	1.0367	4.4619	3.4638	1.2882	1.3329	3.4004
1.60	2.6935	1.0586	4.4607	3.4653	1.2873	1.3589	3.4695
1.80	2.9079	1.0944	4.4582	3.4687	1.2853	1.4006	3.5813
2.00	3.1310	1.1542	4.4559	3.4746	1.2824	1.4676	3.7648
2.20	3.3681	1.2571	4.4544	3.4846	1.2783	1.5752	4.0707
2.40	3.6281	1.4433	4.4442	3.5025	1.2689	1.7503	4.5977
2.60	3.9260	1.8082	4.4220	3.5295	1.2529	2.0257	5.5365
2.80	4.2839	2.6010	4.3909	3.5565	1.2346	2.4309	7.2737
3.00	4.7266	4.5485	0.0	3.5596	0.0	0.0	0.0

T= 3300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.9026	1.0359	0.0	24.1743	0.0	0.0	0.0
-6.80	-5.7056	1.0286	22.3539	20.0482	1.1150	1.0978	3.1217
-6.60	-5.5081	1.0228	18.6940	16.7234	1.1178	1.1056	3.1238
-6.40	-5.3101	1.0182	15.8031	14.0544	1.1244	1.1147	3.1295
-6.20	-5.1116	1.0145	13.4942	11.9152	1.1325	1.1249	3.1380
-6.00	-4.9129	1.0115	11.6576	10.2045	1.1424	1.1360	3.1490
-5.80	-4.7139	1.0091	10.1905	8.8377	1.1531	1.1481	3.1620
-5.60	-4.5147	1.0073	9.0234	7.7466	1.1648	1.1608	3.1764
-5.40	-4.3154	1.0058	8.0954	6.8779	1.1770	1.1738	3.1918
-5.20	-4.1159	1.0046	7.3563	6.1860	1.1892	1.1867	3.2075

T= 3300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9163	1.0036	6.7689	5.6340	1.2014	1.1995	3.2231
-4.80	-3.7166	1.0029	6.3015	5.1954	1.2129	1.2115	3.2380
-4.60	-3.5169	1.0023	5.9310	4.8465	1.2238	1.2226	3.2519
-4.40	-3.3171	1.0018	5.6354	4.5690	1.2334	1.2327	3.2645
-4.20	-3.1172	1.0015	5.4015	4.3484	1.2422	1.2417	3.2758
-4.00	-2.9174	1.0012	5.2141	4.1733	1.2494	1.2497	3.2858
-3.80	-2.7175	1.0009	5.0664	4.0340	1.2559	1.2564	3.2942
-3.60	-2.5176	1.0007	4.9483	3.9232	1.2613	1.2620	3.3012
-3.40	-2.3176	1.0006	4.8561	3.8352	1.2662	1.2668	3.3073
-3.20	-2.1177	1.0005	4.7818	3.7654	1.2699	1.2708	3.3123
-3.00	-1.9177	1.0004	4.7225	3.7099	1.2730	1.2740	3.3164
-2.80	-1.7178	1.0003	4.6760	3.6658	1.2756	1.2768	3.3199
-2.60	-1.5178	1.0002	4.6394	3.6307	1.2778	1.2789	3.3225
-2.40	-1.3178	1.0002	4.6087	3.6028	1.2792	1.2806	3.3246
-2.20	-1.1178	1.0001	4.5856	3.5806	1.2807	1.2821	3.3264
-2.00	-0.9178	1.0001	4.5668	3.5633	1.2816	1.2832	3.3279
-1.80	-0.7178	1.0001	4.5522	3.5491	1.2826	1.2841	3.3290
-1.60	-0.5178	1.0001	4.5401	3.5380	1.2833	1.2849	3.3301
-1.40	-0.3178	1.0001	4.5308	3.5292	1.2838	1.2855	3.3308
-1.20	-0.1178	1.0001	4.5232	3.5222	1.2842	1.2860	3.3315
-1.00	0.0822	1.0002	4.5181	3.5168	1.2847	1.2864	3.3321
-0.80	0.2822	1.0003	4.5133	3.5123	1.2850	1.2867	3.3326
-0.60	0.4823	1.0004	4.5094	3.5090	1.2851	1.2872	3.3335
-0.40	0.6824	1.0006	4.5059	3.5060	1.2852	1.2876	3.3344
-0.20	0.8825	1.0009	4.5045	3.5038	1.2856	1.2881	3.3356
0.0	1.0827	1.0015	4.5019	3.5023	1.2854	1.2888	3.3374
0.20	1.2831	1.0023	4.5002	3.5008	1.2855	1.2901	3.3404
0.40	1.4837	1.0036	4.4994	3.4995	1.2857	1.2920	3.3451
0.60	1.6846	1.0058	4.4996	3.5003	1.2855	1.2944	3.3518
0.80	1.8860	1.0091	4.5015	3.5021	1.2854	1.2989	3.3632
1.00	2.0884	1.0147	4.5049	3.5026	1.2862	1.3063	3.3820
1.20	2.2920	1.0232	4.5028	3.5026	1.2856	1.3160	3.4087
1.40	2.4977	1.0367	4.5004	3.5030	1.2847	1.3321	3.4521
1.60	2.7068	1.0585	4.4994	3.5047	1.2838	1.3579	3.5218
1.80	2.9212	1.0942	4.4974	3.5077	1.2821	1.3995	3.6352
2.00	3.1442	1.1538	4.4954	3.5132	1.2796	1.4660	3.8203
2.20	3.3811	1.2561	4.4921	3.5226	1.2752	1.5731	4.1292
2.40	3.6408	1.4411	4.4816	3.5391	1.2663	1.7465	4.6601
2.60	3.9379	1.8024	4.4590	3.5636	1.2513	2.0219	5.6080
2.80	4.2945	2.5847	4.4302	3.5874	1.2349	2.4249	7.3544
3.00	4.7354	4.5009	0.0	3.5883	0.0	0.0	0.0

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8801	1.0587	0.0	34.8929	0.0	0.0	0.0
-6.80	-5.6850	1.0469	31.9194	28.7490	1.1103	1.0868	3.1806
-6.60	-5.4889	1.0375	26.4299	23.7589	1.1124	1.0928	3.1749
-6.40	-5.2921	1.0299	21.9954	19.7170	1.1156	1.0996	3.1732
-6.20	-5.0947	1.0238	18.4414	16.4600	1.1204	1.1076	3.1753
-6.00	-4.8968	1.0190	15.5996	13.8430	1.1269	1.1167	3.1807
-5.80	-4.6984	1.0151	13.3318	11.7448	1.1351	1.1268	3.1890
-5.60	-4.4997	1.0120	11.5237	10.0663	1.1448	1.1380	3.1999
-5.40	-4.3008	1.0095	10.0825	8.7243	1.1557	1.1500	3.2129
-5.20	-4.1016	1.0076	8.9342	7.6554	1.1670	1.1627	3.2273

T= 3400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9023	1.0060	8.0223	6.8020	1.1794	1.1755	3.2426
-4.80	-3.7028	1.0048	7.2958	6.1221	1.1917	1.1884	3.2583
-4.60	-3.5033	1.0038	6.7181	5.5809	1.2038	1.2010	3.2739
-4.40	-3.3036	1.0030	6.2588	5.1504	1.2152	1.2128	3.2887
-4.20	-3.1039	1.0024	5.8931	4.8082	1.2257	1.2237	3.3025
-4.00	-2.9041	1.0019	5.6033	4.5358	1.2354	1.2336	3.3150
-3.80	-2.7043	1.0015	5.3725	4.3190	1.2439	1.2425	3.3262
-3.60	-2.5044	1.0012	5.1897	4.1468	1.2515	1.2501	3.3359
-3.40	-2.3045	1.0010	5.0430	4.0099	1.2576	1.2567	3.3442
-3.20	-2.1046	1.0008	4.9279	3.9013	1.2632	1.2622	3.3512
-3.00	-1.9047	1.0006	4.8365	3.8147	1.2678	1.2670	3.3573
-2.80	-1.7047	1.0005	4.7634	3.7461	1.2715	1.2708	3.3622
-2.60	-1.5047	1.0004	4.7042	3.6915	1.2743	1.2740	3.3662
-2.40	-1.3048	1.0003	4.6589	3.6484	1.2770	1.2764	3.3693
-2.20	-1.1048	1.0002	4.6225	3.6140	1.2791	1.2785	3.3720
-2.00	-0.9048	1.0002	4.5926	3.5864	1.2806	1.2803	3.3742
-1.80	-0.7048	1.0002	4.5705	3.5649	1.2821	1.2816	3.3760
-1.60	-0.5048	1.0002	4.5514	3.5475	1.2830	1.2828	3.3775
-1.40	-0.3048	1.0001	4.5370	3.5342	1.2837	1.2837	3.3787
-1.20	-0.1048	1.0002	4.5257	3.5231	1.2846	1.2845	3.3797
-1.00	0.0952	1.0002	4.5155	3.5144	1.2849	1.2852	3.3806
-0.80	0.2952	1.0003	4.5094	3.5077	1.2855	1.2855	3.3812
-0.60	0.4953	1.0004	4.5040	3.5019	1.2861	1.2861	3.3822
-0.40	0.6953	1.0006	4.4986	3.4977	1.2861	1.2866	3.3833
-0.20	0.8955	1.0009	4.4959	3.4945	1.2866	1.2875	3.3849
0.0	1.0957	1.0015	4.4932	3.4921	1.2867	1.2881	3.3867
0.20	1.2960	1.0023	4.4916	3.4897	1.2871	1.2893	3.3895
0.40	1.4966	1.0036	4.4889	3.4873	1.2872	1.2913	3.3945
0.60	1.6976	1.0058	4.4886	3.4892	1.2864	1.2936	3.4011
0.80	1.8990	1.0091	4.4917	3.4922	1.2862	1.2981	3.4127
1.00	2.1014	1.0148	4.4942	3.4924	1.2868	1.3054	3.4318
1.20	2.3050	1.0231	4.4923	3.4922	1.2864	1.3151	3.4587
1.40	2.5107	1.0366	4.4902	3.4929	1.2855	1.3310	3.5025
1.60	2.7197	1.0584	4.4879	3.4941	1.2844	1.3569	3.5734
1.80	2.9341	1.0940	4.4865	3.4968	1.2830	1.3983	3.6878
2.00	3.1570	1.1533	4.4847	3.5018	1.2807	1.4646	3.8752
2.20	3.3938	1.2552	4.4799	3.5107	1.2761	1.5711	4.1871
2.40	3.6531	1.4389	4.4711	3.5255	1.2682	1.7439	4.7232
2.60	3.9496	1.7969	4.4453	3.5478	1.2530	2.0156	5.6748
2.80	4.3049	2.5694	4.4189	3.5702	1.2377	2.4192	7.4339
3.00	4.7440	4.4562	0.0	3.5740	0.0	0.0	0.0

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8538	1.0927	0.0	49.3233	0.0	0.0	0.0
-6.80	-5.6612	1.0743	45.3721	40.6496	1.1162	1.0801	3.2589
-6.60	-5.4672	1.0595	37.3493	33.4924	1.1152	1.0846	3.2431
-6.40	-5.2721	1.0476	30.7887	27.6291	1.1144	1.0896	3.2322
-6.20	-5.0761	1.0380	25.5064	22.8563	1.1159	1.0955	3.2261
-6.00	-4.8794	1.0303	21.2513	18.9985	1.1186	1.1025	3.2244
-5.80	-4.6820	1.0241	17.8524	15.8852	1.1238	1.1106	3.2265
-5.60	-4.4841	1.0192	15.1354	13.3868	1.1306	1.1199	3.2321
-5.40	-4.2857	1.0153	12.9622	11.3819	1.1388	1.1302	3.2407
-5.20	-4.0871	1.0122	11.2294	9.7775	1.1485	1.1414	3.2518

T= 3500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8881	1.0097	9.8489	8.4955	1.1593	1.1535	3.2649
-4.80	-3.6890	1.0077	8.7491	7.4732	1.1707	1.1660	3.2794
-4.60	-3.4897	1.0061	7.8746	6.6575	1.1828	1.1789	3.2948
-4.40	-3.2902	1.0049	7.1795	6.0085	1.1949	1.1915	3.3103
-4.20	-3.0907	1.0039	6.6251	5.4904	1.2067	1.2039	3.3258
-4.00	-2.8910	1.0031	6.1867	5.0783	1.2182	1.2153	3.3403
-3.80	-2.6913	1.0024	5.8347	4.7511	1.2281	1.2261	3.3539
-3.60	-2.4915	1.0019	5.5584	4.4907	1.2378	1.2358	3.3664
-3.40	-2.2917	1.0015	5.3369	4.2836	1.2459	1.2441	3.3770
-3.20	-2.0918	1.0012	5.1609	4.1192	1.2529	1.2514	3.3863
-3.00	-1.8919	1.0010	5.0216	3.9886	1.2590	1.2577	3.3945
-2.80	-1.6920	1.0008	4.9099	3.8847	1.2639	1.2631	3.4013
-2.60	-1.4921	1.0006	4.8225	3.8020	1.2684	1.2675	3.4070
-2.40	-1.2921	1.0005	4.7527	3.7365	1.2720	1.2712	3.4118
-2.20	-1.0922	1.0004	4.6973	3.6841	1.2750	1.2741	3.4155
-2.00	-0.8922	1.0003	4.6532	3.6428	1.2774	1.2765	3.4186
-1.80	-0.6922	1.0003	4.6172	3.6096	1.2791	1.2786	3.4213
-1.60	-0.4922	1.0002	4.5907	3.5839	1.2809	1.2802	3.4234
-1.40	-0.2922	1.0002	4.5683	3.5628	1.2822	1.2815	3.4251
-1.20	-0.0922	1.0002	4.5506	3.5466	1.2831	1.2826	3.4266
-1.00	0.1078	1.0002	4.5364	3.5333	1.2839	1.2835	3.4278
-0.80	0.3078	1.0003	4.5257	3.5229	1.2847	1.2843	3.4290
-0.60	0.5078	1.0004	4.5156	3.5148	1.2847	1.2849	3.4301
-0.40	0.7079	1.0006	4.5097	3.5082	1.2855	1.2857	3.4314
-0.20	0.9081	1.0010	4.5033	3.5032	1.2855	1.2863	3.4328
0.0	1.1083	1.0015	4.4998	3.4988	1.2861	1.2872	3.4349
0.20	1.3086	1.0023	4.4954	3.4955	1.2860	1.2885	3.4381
0.40	1.5092	1.0036	4.4914	3.4920	1.2862	1.2905	3.4429
0.60	1.7101	1.0058	4.4940	3.4938	1.2863	1.2926	3.4495
0.80	1.9116	1.0091	4.4962	3.4975	1.2856	1.2973	3.4614
1.00	2.1140	1.0148	4.4983	3.4973	1.2862	1.3046	3.4810
1.20	2.3176	1.0231	4.4984	3.4976	1.2861	1.3141	3.5080
1.40	2.5232	1.0366	4.4956	3.4980	1.2852	1.3302	3.5524
1.60	2.7322	1.0583	4.4928	3.4988	1.2841	1.3558	3.6238
1.80	2.9466	1.0938	4.4910	3.5015	1.2826	1.3971	3.7397
2.00	3.1694	1.1529	4.4891	3.5061	1.2804	1.4631	3.9290
2.20	3.4060	1.2543	4.4831	3.5139	1.2758	1.5689	4.2437
2.40	3.6651	1.4369	4.4736	3.5275	1.2682	1.7401	4.7835
2.60	3.9609	1.7916	4.4490	3.5481	1.2539	2.0127	5.7451
2.80	4.3150	2.5549	4.4248	3.5685	1.2400	2.4137	7.5127
3.00	4.7525	4.4139	0.0	3.5766	0.0	0.0	0.0

T= 3600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.8228	1.1411	0.0	67.4338	0.0	0.0	0.0
-6.80	-5.6333	1.1139	63.8843	55.9639	1.1415	1.0772	3.3609
-6.60	-5.4420	1.0916	52.0178	46.2528	1.1246	1.0797	3.3310
-6.40	-5.2493	1.0735	42.7436	38.1548	1.1203	1.0833	3.3086
-6.20	-5.0553	1.0588	35.1756	31.4690	1.1178	1.0876	3.2925
-6.00	-4.8601	1.0470	29.0504	25.9998	1.1173	1.0928	3.2820
-5.80	-4.6641	1.0375	24.1122	21.5488	1.1190	1.0990	3.2763
-5.60	-4.4673	1.0299	20.1464	17.9503	1.1223	1.1063	3.2751
-5.40	-4.2699	1.0238	16.9694	15.0490	1.1276	1.1147	3.2777
-5.20	-4.0719	1.0190	14.4295	12.7168	1.1347	1.1241	3.2838

T= 3600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.9736	1.0151	12.4021	10.8491	1.1431	1.1347	3.2929
-4.80	-3.6749	1.0120	10.7855	9.3533	1.1531	1.1461	3.3044
-4.60	-3.4760	1.0096	9.4963	8.1592	1.1639	1.1582	3.3177
-4.40	-3.2768	1.0076	8.4708	7.2050	1.1757	1.1707	3.3324
-4.20	-3.0775	1.0060	7.6543	6.4459	1.1875	1.1834	3.3479
-4.00	-2.8780	1.0048	7.0039	5.8404	1.1992	1.1959	3.3633
-3.80	-2.6784	1.0038	6.4885	5.3584	1.2109	1.2079	3.3785
-3.60	-2.4788	1.0030	6.0773	4.9751	1.2215	1.2191	3.3929
-3.40	-2.2790	1.0024	5.7519	4.6700	1.2317	1.2293	3.4059
-3.20	-2.0793	1.0019	5.4918	4.4273	1.2404	1.2385	3.4178
-3.00	-1.8794	1.0015	5.2858	4.2345	1.2483	1.2464	3.4281
-2.80	-1.6796	1.0012	5.1217	4.0814	1.2549	1.2534	3.4370
-2.60	-1.4797	1.0010	4.9923	3.9593	1.2609	1.2593	3.4448
-2.40	-1.2798	1.0008	4.8884	3.8624	1.2656	1.2643	3.4512
-2.20	-1.0798	1.0006	4.8061	3.7854	1.2696	1.2685	3.4567
-2.00	-0.8799	1.0005	4.7414	3.7244	1.2731	1.2718	3.4610
-1.80	-0.6799	1.0004	4.6889	3.6758	1.2756	1.2746	3.4647
-1.60	-0.4799	1.0003	4.6485	3.6371	1.2781	1.2769	3.4677
-1.40	-0.2800	1.0003	4.6150	3.6064	1.2796	1.2788	3.4702
-1.20	-0.0800	1.0003	4.5889	3.5821	1.2811	1.2804	3.4723
-1.00	0.1200	1.0003	4.5693	3.5629	1.2825	1.2816	3.4740
-0.80	0.3201	1.0003	4.5524	3.5475	1.2832	1.2827	3.4755
-0.60	0.5201	1.0005	4.5387	3.5354	1.2838	1.2835	3.4769
-0.40	0.7202	1.0007	4.5295	3.5255	1.2848	1.2844	3.4784
-0.20	0.9203	1.0010	4.5202	3.5180	1.2849	1.2851	3.4800
0.0	1.1205	1.0015	4.5136	3.5120	1.2852	1.2862	3.4824
0.20	1.3209	1.0023	4.5079	3.5069	1.2854	1.2878	3.4858
0.40	1.5215	1.0036	4.5034	3.5031	1.2855	1.2896	3.4906
0.60	1.7224	1.0058	4.5011	3.5024	1.2852	1.2918	3.4973
0.80	1.9238	1.0091	4.5029	3.5037	1.2852	1.2968	3.5098
1.00	2.1263	1.0148	4.5062	3.5038	1.2861	1.3040	3.5296
1.20	2.3298	1.0231	4.5062	3.5039	1.2861	1.3134	3.5568
1.40	2.5355	1.0365	4.5021	3.5040	1.2848	1.3294	3.6017
1.60	2.7444	1.0582	4.5001	3.5056	1.2837	1.3552	3.6742
1.80	2.9587	1.0935	4.4977	3.5077	1.2822	1.3962	3.7911
2.00	3.1815	1.1525	4.4949	3.5118	1.2799	1.4619	3.9825
2.20	3.4180	1.2534	4.4885	3.5189	1.2755	1.5676	4.3006
2.40	3.6767	1.4349	4.4789	3.5313	1.2683	1.7385	4.8459
2.60	3.9719	1.7866	4.4531	3.5498	1.2545	2.0069	5.8099
2.80	4.3249	2.5412	4.4302	3.5671	1.2420	2.4091	7.5915
3.00	4.7608	4.3741	0.0	3.5702	0.0	0.0	0.0

T= 3700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7865	1.2070	0.0	88.4943	0.0	0.0	0.0
-6.80	-5.6006	1.1684	0.0	74.4754	0.0	1.0756	3.4871
-6.60	-5.4127	1.1363	70.9018	62.1591	1.1406	1.0772	3.4414
-6.40	-5.2229	1.1099	58.4156	51.5688	1.1329	1.0796	3.4050
-6.20	-5.0314	1.0884	48.0297	42.6361	1.1265	1.0827	3.3766
-6.00	-4.8385	1.0709	39.5057	35.2014	1.1223	1.0865	3.3552
-5.80	-4.6442	1.0567	32.5742	29.0739	1.1204	1.0911	3.3401
-5.60	-4.4489	1.0453	26.9615	24.0633	1.1204	1.0967	3.3304
-5.40	-4.2528	1.0362	22.4366	19.9927	1.1222	1.1032	3.3257
-5.20	-4.0558	1.0288	18.8132	16.7030	1.1263	1.1109	3.3253

T= 3700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8583	1.0230	15.9079	14.0528	1.1320	1.1196	3.3289
-4.80	-3.6603	1.0183	13.5872	11.9230	1.1396	1.1294	3.3357
-4.60	-3.4619	1.0146	11.7331	10.2179	1.1483	1.1401	3.3454
-4.40	-3.2632	1.0116	10.2546	8.8518	1.1585	1.1518	3.3575
-4.20	-3.0642	1.0092	9.0770	7.7626	1.1693	1.1640	3.3713
-4.00	-2.8650	1.0073	8.1411	6.8933	1.1810	1.1766	3.3863
-3.80	-2.6657	1.0058	7.3948	6.1993	1.1928	1.1891	3.4017
-3.60	-2.4662	1.0046	6.8003	5.6473	1.2042	1.2012	3.4170
-3.40	-2.2666	1.0037	6.3288	5.2075	1.2153	1.2127	3.4317
-3.20	-2.0669	1.0029	5.9524	4.8571	1.2255	1.2234	3.4455
-3.00	-1.8672	1.0023	5.6551	4.5793	1.2349	1.2332	3.4582
-2.80	-1.6674	1.0018	5.4189	4.3582	1.2434	1.2417	3.4693
-2.60	-1.4676	1.0015	5.2303	4.1827	1.2505	1.2491	3.4790
-2.40	-1.2677	1.0012	5.0809	4.0429	1.2568	1.2556	3.4875
-2.20	-1.0678	1.0009	4.9616	3.9317	1.2620	1.2611	3.4947
-2.00	-0.8679	1.0007	4.8678	3.8433	1.2665	1.2657	3.5007
-1.80	-0.6679	1.0006	4.7935	3.7735	1.2703	1.2694	3.5056
-1.60	-0.4680	1.0005	4.7323	3.7175	1.2730	1.2725	3.5098
-1.40	-0.2680	1.0004	4.6853	3.6735	1.2754	1.2751	3.5132
-1.20	-0.0680	1.0004	4.6484	3.6382	1.2777	1.2771	3.5159
-1.00	0.1320	1.0004	4.6174	3.6104	1.2789	1.2789	3.5183
-0.80	0.3320	1.0004	4.5933	3.5881	1.2801	1.2803	3.5204
-0.60	0.5320	1.0005	4.5759	3.5707	1.2815	1.2816	3.5223
-0.40	0.7321	1.0007	4.5608	3.5565	1.2824	1.2827	3.5241
-0.20	0.9322	1.0010	4.5491	3.5455	1.2830	1.2838	3.5261
0.0	1.1324	1.0015	4.5394	3.5367	1.2835	1.2850	3.5288
0.20	1.3328	1.0023	4.5325	3.5300	1.2840	1.2865	3.5322
0.40	1.5334	1.0036	4.5270	3.5251	1.2842	1.2886	3.5373
0.60	1.7343	1.0057	4.5193	3.5202	1.2838	1.2908	3.5442
0.80	1.9357	1.0090	4.5163	3.5181	1.2837	1.2960	3.5572
1.00	2.1382	1.0149	4.5213	3.5191	1.2848	1.3033	3.5773
1.20	2.3417	1.0231	4.5200	3.5187	1.2846	1.3126	3.6047
1.40	2.5473	1.0365	4.5171	3.5193	1.2835	1.3286	3.6501
1.60	2.7563	1.0581	4.5162	3.5202	1.2829	1.3542	3.7233
1.80	2.9705	1.0933	4.5130	3.5225	1.2812	1.3951	3.8416
2.00	3.1933	1.1520	4.5096	3.5262	1.2789	1.4606	4.0348
2.20	3.4296	1.2526	4.5034	3.5330	1.2747	1.5656	4.3557
2.40	3.6880	1.4330	4.4932	3.5444	1.2677	1.7348	4.9043
2.60	3.9826	1.7818	4.4656	3.5604	1.2543	2.0050	5.8795
2.80	4.3346	2.5282	4.4421	3.5736	1.2430	2.4045	7.6692
3.00	4.7689	4.3364	0.0	3.5720	0.0	0.0	0.0

T= 3800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7453	1.2921	0.0	110.0589	0.0	0.0	0.0
-6.80	-5.5631	1.2404	111.2671	94.8378	1.1732	1.0757	3.6413
-6.60	-5.3787	1.1964	93.4881	80.5386	1.1608	1.0762	3.5770
-6.40	-5.1923	1.1595	77.7968	67.6563	1.1499	1.0779	3.5241
-6.20	-5.0039	1.1290	64.3317	56.3927	1.1408	1.0800	3.4809
-6.00	-4.8137	1.1039	52.9964	46.7759	1.1330	1.0828	3.4464
-5.80	-4.6218	1.0835	43.6172	38.6831	1.1276	1.0861	3.4197
-5.60	-4.4285	1.0669	35.9466	31.9741	1.1242	1.0903	3.3998
-5.40	-4.2340	1.0535	29.7073	26.4494	1.1232	1.0953	3.3862
-5.20	-4.0384	1.0428	24.6600	21.9484	1.1235	1.1012	3.3780

T= 3800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8420	1.0341	20.6051	18.2958	1.1262	1.1082	3.3746
-4.80	-3.6450	1.0272	17.3512	15.3442	1.1308	1.1163	3.3755
-4.60	-3.4473	1.0217	14.7455	12.9677	1.1371	1.1254	3.3802
-4.40	-3.2492	1.0172	12.6636	11.0622	1.1448	1.1357	3.3882
-4.20	-3.0507	1.0137	11.0041	9.5341	1.1542	1.1468	3.3989
-4.00	-2.8519	1.0109	9.6801	8.3123	1.1646	1.1587	3.4117
-3.80	-2.6529	1.0087	8.6242	7.3385	1.1752	1.1710	3.4260
-3.60	-2.4536	1.0069	7.7867	6.5599	1.1870	1.1834	3.4410
-3.40	-2.2542	1.0055	7.1181	5.9401	1.1983	1.1956	3.4563
-3.20	-2.0547	1.0044	6.5871	5.4466	1.2094	1.2075	3.4714
-3.00	-1.8551	1.0035	6.1645	5.0537	1.2198	1.2185	3.4858
-2.80	-1.6554	1.0028	5.8288	4.7413	1.2294	1.2287	3.4990
-2.60	-1.4557	1.0022	5.5624	4.4925	1.2382	1.2376	3.5107
-2.40	-1.2559	1.0017	5.3500	4.2951	1.2456	1.2456	3.5213
-2.20	-1.0560	1.0014	5.1811	4.1380	1.2521	1.2524	3.5302
-2.00	-0.8561	1.0011	5.0468	4.0128	1.2577	1.2584	3.5381
-1.80	-0.6562	1.0009	4.9407	3.9134	1.2625	1.2634	3.5449
-1.60	-0.4563	1.0007	4.8560	3.8348	1.2663	1.2676	3.5504
-1.40	-0.2563	1.0006	4.7897	3.7719	1.2698	1.2709	3.5547
-1.20	-0.0564	1.0005	4.7363	3.7222	1.2725	1.2737	3.5586
-1.00	0.1436	1.0005	4.6933	3.6824	1.2745	1.2760	3.5617
-0.80	0.3436	1.0005	4.6596	3.6511	1.2762	1.2779	3.5643
-0.60	0.5436	1.0006	4.6332	3.6261	1.2777	1.2797	3.5670
-0.40	0.7437	1.0007	4.6113	3.6065	1.2786	1.2812	3.5695
-0.20	0.9438	1.0011	4.5950	3.5908	1.2797	1.2824	3.5717
0.0	1.1440	1.0016	4.5821	3.5782	1.2806	1.2837	3.5744
0.20	1.3444	1.0023	4.5715	3.5686	1.2811	1.2853	3.5779
0.40	1.5450	1.0037	4.5641	3.5632	1.2809	1.2873	3.5831
0.60	1.7458	1.0057	4.5547	3.5537	1.2817	1.2902	3.5908
0.80	1.9473	1.0090	4.5473	3.5480	1.2816	1.2954	3.6040
1.00	2.1498	1.0149	4.5512	3.5500	1.2820	1.3026	3.6245
1.20	2.3533	1.0231	4.5502	3.5496	1.2819	1.3117	3.6519
1.40	2.5589	1.0364	4.5475	3.5501	1.2809	1.3276	3.6977
1.60	2.7678	1.0580	4.5462	3.5507	1.2804	1.3533	3.7718
1.80	2.9820	1.0931	4.5441	3.5529	1.2790	1.3940	3.8911
2.00	3.2047	1.1516	4.5395	3.5568	1.2763	1.4593	4.0865
2.20	3.4409	1.2518	4.5341	3.5625	1.2727	1.5640	4.4107
2.40	3.6991	1.4312	4.5228	3.5728	1.2659	1.7331	4.9646
2.60	3.9931	1.7773	4.4982	3.5869	1.2541	1.9992	5.9421
2.80	4.3441	2.5159	4.4740	3.5982	1.2434	2.4003	7.7465
3.00	4.7769	4.3006	0.0	3.5951	0.0	0.0	0.0

T= 3900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.7007	1.3950	0.0	127.6985	0.0	0.0	0.0
-6.80	-5.5214	1.3302	136.2412	113.9656	1.1955	1.0768	3.8219
-6.60	-5.3404	1.2732	117.6476	99.4126	1.1834	1.0764	3.7386
-6.40	-5.1575	1.2242	99.7769	85.2099	1.1710	1.0775	3.6678
-6.20	-4.9724	1.1828	83.5598	72.0764	1.1593	1.0789	3.6076
-6.00	-4.7853	1.1482	69.4055	60.3852	1.1494	1.0808	3.5576
-5.80	-4.5962	1.1197	57.3288	50.2619	1.1406	1.0833	3.5171
-5.60	-4.4054	1.0963	47.2320	41.6559	1.1339	1.0863	3.4851
-5.40	-4.2130	1.0773	38.9109	34.4642	1.1290	1.0900	3.4607
-5.20	-4.0192	1.0619	32.1216	28.5144	1.1265	1.0946	3.4431

T= 3900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8243	1.0495	26.6134	23.6326	1.1261	1.1001	3.4314
-4.80	-3.6285	1.0395	22.1693	19.6632	1.1274	1.1066	3.4251
-4.60	-3.4318	1.0315	18.6042	16.4462	1.1312	1.1141	3.4236
-4.40	-3.2346	1.0251	15.7431	13.8510	1.1366	1.1228	3.4261
-4.20	-3.0367	1.0200	13.4558	11.7637	1.1438	1.1325	3.4323
-4.00	-2.8385	1.0159	11.6278	10.0908	1.1523	1.1432	3.4416
-3.80	-2.6399	1.0127	10.1705	8.7512	1.1622	1.1546	3.4531
-3.60	-2.4410	1.0101	9.0090	7.6823	1.1727	1.1666	3.4666
-3.40	-2.2419	1.0080	8.0846	6.8264	1.1843	1.1790	3.4814
-3.20	-2.0426	1.0064	7.3487	6.1459	1.1957	1.1913	3.4967
-3.00	-1.8431	1.0051	6.7624	5.6024	1.2070	1.2031	3.5117
-2.80	-1.6436	1.0040	6.2966	5.1703	1.2179	1.2144	3.5263
-2.60	-1.4439	1.0032	5.9255	4.8262	1.2278	1.2249	3.5400
-2.40	-1.2442	1.0025	5.6310	4.5527	1.2369	1.2342	3.5524
-2.20	-1.0445	1.0020	5.3978	4.3351	1.2451	1.2427	3.5635
-2.00	-0.8446	1.0016	5.2113	4.1626	1.2519	1.2498	3.5731
-1.80	-0.6448	1.0013	5.0637	4.0250	1.2581	1.2561	3.5815
-1.60	-0.4449	1.0010	4.9474	3.9157	1.2635	1.2615	3.5887
-1.40	-0.2450	1.0009	4.8526	3.8286	1.2675	1.2658	3.5945
-1.20	-0.0450	1.0007	4.7784	3.7598	1.2709	1.2695	3.5995
-1.00	0.1549	1.0006	4.7204	3.7049	1.2741	1.2725	3.6037
-0.80	0.3549	1.0006	4.6740	3.6610	1.2767	1.2751	3.6073
-0.60	0.5550	1.0007	4.6360	3.6264	1.2784	1.2773	3.6105
-0.40	0.7550	1.0008	4.6063	3.5994	1.2797	1.2791	3.6133
-0.20	0.9551	1.0011	4.5833	3.5774	1.2812	1.2808	3.6162
0.0	1.1553	1.0016	4.5647	3.5604	1.2821	1.2823	3.6192
0.20	1.3557	1.0024	4.5528	3.5489	1.2829	1.2841	3.6231
0.40	1.5562	1.0037	4.5444	3.5428	1.2827	1.2861	3.6283
0.60	1.7571	1.0057	4.5297	3.5285	1.2837	1.2893	3.6366
0.80	1.9585	1.0090	4.5166	3.5182	1.2838	1.2947	3.6501
1.00	2.1611	1.0149	4.5213	3.5203	1.2844	1.3018	3.6706
1.20	2.3646	1.0231	4.5210	3.5198	1.2844	1.3108	3.6983
1.40	2.5702	1.0364	4.5187	3.5204	1.2836	1.3269	3.7449
1.60	2.7791	1.0579	4.5156	3.5213	1.2824	1.3522	3.8194
1.80	2.9932	1.0929	4.5141	3.5232	1.2813	1.3930	3.9404
2.00	3.2158	1.1513	4.5086	3.5262	1.2786	1.4580	4.1373
2.20	3.4519	1.2510	4.5040	3.5317	1.2753	1.5621	4.4640
2.40	3.7098	1.4294	4.4933	3.5411	1.2689	1.7298	5.0215
2.60	4.0033	1.7729	4.4697	3.5533	1.2579	1.9977	6.0102
2.80	4.3533	2.5042	4.4464	3.5632	1.2479	2.3956	7.8218
3.00	4.7847	4.2667	0.0	3.5604	0.0	0.0	0.0

T= 4000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.6553	1.5101	0.0	136.5218	0.0	0.0	0.0
-6.80	-5.4775	1.4351	155.1144	128.0718	1.2112	1.0780	4.0227
-6.60	-5.2989	1.3661	139.7058	116.1521	1.2028	1.0776	3.9240
-6.40	-5.1189	1.3046	122.3379	102.5961	1.1924	1.0781	3.8355
-6.20	-4.9371	1.2511	104.7998	88.7896	1.1803	1.0790	3.7576
-6.00	-4.7532	1.2054	88.4005	75.6654	1.1683	1.0802	3.6905
-5.80	-4.5672	1.1671	73.7601	63.7455	1.1571	1.0819	3.6341
-5.60	-4.3793	1.1352	61.1214	53.2589	1.1476	1.0840	3.5878
-5.40	-4.1894	1.1090	50.4560	44.2738	1.1396	1.0868	3.5507
-5.20	-3.9979	1.0876	41.6039	36.6884	1.1340	1.0903	3.5218

T= 4000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.8048	1.0703	34.3375	30.3762	1.1304	1.0945	3.5004
-4.80	-3.6106	1.0562	28.4267	25.1783	1.1290	1.0996	3.4855
-4.60	-3.4152	1.0449	23.6352	20.9327	1.1291	1.1056	3.4763
-4.40	-3.2190	1.0359	19.7911	17.4822	1.1321	1.1128	3.4723
-4.20	-3.0221	1.0286	16.6978	14.6946	1.1363	1.1210	3.4728
-4.00	-2.8246	1.0228	14.2233	12.4475	1.1427	1.1302	3.4772
-3.80	-2.6265	1.0181	12.2443	10.6423	1.1505	1.1404	3.4850
-3.60	-2.4281	1.0144	10.6654	9.1968	1.1597	1.1515	3.4955
-3.40	-2.2294	1.0115	9.4083	8.0417	1.1699	1.1633	3.5082
-3.20	-2.0304	1.0091	8.4059	7.1191	1.1807	1.1754	3.5224
-3.00	-1.8312	1.0073	7.6060	6.3814	1.1919	1.1876	3.5373
-2.80	-1.6318	1.0058	6.9708	5.7941	1.2031	1.1995	3.5524
-2.60	-1.4323	1.0046	6.4664	5.3263	1.2141	1.2110	3.5673
-2.40	-1.2328	1.0036	6.0647	4.9534	1.2243	1.2216	3.5811
-2.20	-1.0331	1.0029	5.7443	4.6572	1.2334	1.2314	3.5941
-2.00	-0.8333	1.0023	5.4911	4.4216	1.2419	1.2399	3.6054
-1.80	-0.6335	1.0018	5.2893	4.2346	1.2491	1.2474	3.6156
-1.60	-0.4337	1.0015	5.1288	4.0854	1.2554	1.2540	3.6243
-1.40	-0.2338	1.0012	5.0013	3.9670	1.2607	1.2594	3.6317
-1.20	-0.0339	1.0010	4.9000	3.8730	1.2652	1.2641	3.6381
-1.00	0.1660	1.0009	4.8194	3.7984	1.2688	1.2681	3.6435
-0.80	0.3660	1.0008	4.7555	3.7390	1.2719	1.2715	3.6483
-0.60	0.5660	1.0008	4.7046	3.6920	1.2743	1.2741	3.6522
-0.40	0.7661	1.0009	4.6651	3.6543	1.2766	1.2765	3.6557
-0.20	0.9662	1.0012	4.6327	3.6246	1.2781	1.2786	3.6592
0.0	1.1664	1.0017	4.6064	3.6009	1.2792	1.2805	3.6629
0.20	1.3667	1.0024	4.5896	3.5853	1.2801	1.2823	3.6668
0.40	1.5673	1.0037	4.5797	3.5764	1.2805	1.2847	3.6725
0.60	1.7681	1.0058	4.5607	3.5567	1.2823	1.2884	3.6816
0.80	1.9695	1.0090	4.5418	3.5428	1.2820	1.2937	3.6951
1.00	2.1721	1.0149	4.5467	3.5462	1.2821	1.3007	3.7160
1.20	2.3756	1.0231	4.5471	3.5455	1.2825	1.3096	3.7437
1.40	2.5811	1.0363	4.5451	3.5456	1.2819	1.3257	3.7908
1.60	2.7900	1.0578	4.5421	3.5463	1.2808	1.3511	3.8663
1.80	3.0042	1.0927	4.5386	3.5482	1.2791	1.3917	3.9882
2.00	3.2267	1.1509	4.5334	3.5509	1.2757	1.4563	4.1869
2.20	3.4626	1.2502	4.5289	3.5561	1.2736	1.5602	4.5170
2.40	3.7203	1.4278	4.5180	3.5644	1.2675	1.7277	5.0796
2.60	4.0133	1.7688	4.4971	3.5755	1.2577	1.9913	6.0701
2.80	4.3624	2.4931	4.4726	3.5844	1.2478	2.3902	7.8950
3.00	4.7924	4.2345	0.0	3.5838	0.0	0.0	0.0

T= 4100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.6121	1.6274	0.0	132.0128	0.0	0.0	0.0
-6.80	-5.4337	1.5485	160.2735	132.2460	1.2119	1.0807	4.2359
-6.60	-5.2559	1.4714	153.5289	126.5140	1.2135	1.0794	4.1266
-6.40	-5.0777	1.3992	140.9017	116.5449	1.2090	1.0795	4.0241
-6.20	-4.8985	1.3339	125.0538	104.2173	1.1999	1.0798	3.9297
-6.00	-4.7176	1.2764	108.2278	91.0648	1.1885	1.0806	3.8454
-5.80	-4.5348	1.2269	91.9439	78.1720	1.1762	1.0816	3.7721
-5.60	-4.3499	1.1851	77.1359	66.2198	1.1648	1.0832	3.7098
-5.40	-4.1629	1.1501	64.1407	55.5683	1.1543	1.0852	3.6580
-5.20	-3.9739	1.1213	53.0694	46.3193	1.1457	1.0877	3.6161

T= 4100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7832	1.0976	43.8084	38.4581	1.1391	1.0909	3.5830
-4.80	-3.5908	1.0784	36.1718	31.8840	1.1345	1.0948	3.5578
-4.60	-3.3972	1.0628	29.9257	26.4366	1.1320	1.0996	3.5397
-4.40	-3.2023	1.0502	24.8627	21.9714	1.1316	1.1054	3.5279
-4.20	-3.0065	1.0401	20.7790	18.3333	1.1334	1.1121	3.5215
-4.00	-2.8099	1.0320	17.4953	15.3872	1.1370	1.1199	3.5200
-3.80	-2.6127	1.0255	14.8658	13.0096	1.1427	1.1288	3.5228
-3.60	-2.4149	1.0203	12.7638	11.0988	1.1500	1.1387	3.5293
-3.40	-2.2167	1.0161	11.0814	9.5648	1.1586	1.1494	3.5387
-3.20	-2.0181	1.0128	9.7403	8.3373	1.1683	1.1609	3.5505
-3.00	-1.8192	1.0102	8.6715	7.3557	1.1789	1.1728	3.5641
-2.80	-1.6201	1.0081	7.8205	6.5724	1.1899	1.1850	3.5788
-2.60	-1.4208	1.0065	7.1439	5.9484	1.2010	1.1969	3.5938
-2.40	-1.2214	1.0051	6.6044	5.4512	1.2116	1.2084	3.6086
-2.20	-1.0218	1.0041	6.1769	5.0552	1.2219	1.2191	3.6227
-2.00	-0.8222	1.0033	5.8360	4.7395	1.2314	1.2289	3.6358
-1.80	-0.6225	1.0026	5.5650	4.4888	1.2397	1.2378	3.6476
-1.60	-0.4227	1.0021	5.3488	4.2893	1.2470	1.2456	3.6582
-1.40	-0.2229	1.0017	5.1793	4.1310	1.2538	1.2523	3.6672
-1.20	-0.0230	1.0014	5.0422	4.0046	1.2591	1.2581	3.6752
-1.00	0.1769	1.0012	4.9339	3.9044	1.2637	1.2630	3.6820
-0.80	0.3768	1.0010	4.8490	3.8252	1.2677	1.2670	3.6876
-0.60	0.5768	1.0010	4.7805	3.7618	1.2708	1.2705	3.6926
-0.40	0.7769	1.0011	4.7260	3.7114	1.2734	1.2734	3.6970
-0.20	0.9770	1.0013	4.6836	3.6716	1.2756	1.2760	3.7011
0.0	1.1771	1.0018	4.6489	3.6397	1.2773	1.2784	3.7055
0.20	1.3774	1.0025	4.6201	3.6147	1.2781	1.2806	3.7099
0.40	1.5780	1.0038	4.6023	3.5983	1.2790	1.2835	3.7166
0.60	1.7789	1.0059	4.5799	3.5741	1.2814	1.2877	3.7265
0.80	1.9802	1.0090	4.5594	3.5603	1.2806	1.2923	3.7390
1.00	2.1828	1.0150	4.5665	3.5639	1.2813	1.2993	3.7601
1.20	2.3863	1.0231	4.5645	3.5631	1.2811	1.3084	3.7884
1.40	2.5919	1.0363	4.5622	3.5632	1.2804	1.3243	3.8358
1.60	2.8007	1.0577	4.5592	3.5635	1.2794	1.3496	3.9120
1.80	3.0148	1.0926	4.5551	3.5656	1.2775	1.3901	4.0351
2.00	3.2373	1.1505	4.5514	3.5686	1.2754	1.4546	4.2359
2.20	3.4731	1.2495	4.5470	3.5729	1.2726	1.5582	4.5686
2.40	3.7305	1.4262	4.5352	3.5806	1.2666	1.7243	5.1346
2.60	4.0231	1.7648	4.5150	3.5911	1.2572	1.9890	6.1348
2.80	4.3712	2.4825	4.4939	3.5996	1.2484	2.3853	7.9678
3.00	4.8000	4.2039	0.0	3.6001	0.0	0.0	0.0

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5740	1.7345	0.0	114.3642	0.0	0.0	0.0
-6.80	-5.3930	1.6601	149.3733	123.9595	1.2050	1.0844	4.4464
-6.60	-5.2140	1.5816	154.0335	126.9461	1.2134	1.0820	4.3355
-6.40	-5.0361	1.5034	150.4847	123.6925	1.2166	1.0815	4.2258
-6.20	-4.8582	1.4288	140.4173	115.6878	1.2138	1.0814	4.1194
-6.00	-4.6795	1.3604	126.2785	104.6824	1.2063	1.0817	4.0201
-5.80	-4.4993	1.2996	110.4177	92.3340	1.1958	1.0822	3.9303
-5.60	-4.3174	1.2468	94.5134	79.8309	1.1839	1.0832	3.8513
-5.40	-4.1333	1.2018	79.7118	68.0069	1.1721	1.0846	3.7836
-5.20	-3.9472	1.1640	66.5166	57.2971	1.1609	1.0864	3.7269

T= 4200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7590	1.1327	55.1692	47.9133	1.1514	1.0888	3.6804
-4.80	-3.5690	1.1070	45.6160	39.8659	1.1442	1.0918	3.6434
-4.60	-3.3773	1.0860	37.6799	33.0974	1.1385	1.0955	3.6147
-4.40	-3.1842	1.0689	31.1846	27.4588	1.1357	1.1001	3.5937
-4.20	-2.9898	1.0551	25.8912	22.8304	1.1341	1.1055	3.5793
-4.00	-2.7944	1.0441	21.6223	19.0468	1.1352	1.1120	3.5709
-3.80	-2.5981	1.0352	18.1820	15.9737	1.1383	1.1195	3.5676
-3.60	-2.4011	1.0280	15.4202	13.4898	1.1431	1.1280	3.5688
-3.40	-2.2036	1.0223	13.2116	11.4911	1.1497	1.1376	3.5740
-3.20	-2.0055	1.0178	11.4456	9.8855	1.1578	1.1481	3.5824
-3.00	-1.8070	1.0141	10.0374	8.6000	1.1671	1.1594	3.5935
-2.80	-1.6083	1.0113	8.9135	7.5713	1.1773	1.1711	3.6065
-2.60	-1.4093	1.0089	8.0183	6.7495	1.1880	1.1831	3.6208
-2.40	-1.2101	1.0071	7.3051	6.0942	1.1987	1.1950	3.6356
-2.20	-1.0107	1.0057	6.7380	5.5717	1.2093	1.2063	3.6502
-2.00	-0.8112	1.0045	6.2863	5.1559	1.2192	1.2172	3.6645
-1.80	-0.6116	1.0036	5.9273	4.8249	1.2285	1.2272	3.6779
-1.60	-0.4119	1.0029	5.6431	4.5617	1.2371	1.2360	3.6898
-1.40	-0.2121	1.0023	5.4172	4.3526	1.2446	1.2441	3.7007
-1.20	-0.0123	1.0019	5.2365	4.1854	1.2511	1.2510	3.7102
-1.00	0.1875	1.0016	5.0948	4.0535	1.2569	1.2570	3.7184
-0.80	0.3874	1.0014	4.9805	3.9478	1.2616	1.2619	3.7254
-0.60	0.5874	1.0013	4.8908	3.8642	1.2657	1.2663	3.7317
-0.40	0.7874	1.0013	4.8180	3.7979	1.2686	1.2699	3.7370
-0.20	0.9875	1.0015	4.7611	3.7446	1.2714	1.2731	3.7421
0.0	1.1877	1.0019	4.7155	3.7033	1.2733	1.2760	3.7471
0.20	1.3879	1.0026	4.6752	3.6658	1.2754	1.2788	3.7525
0.40	1.5885	1.0038	4.6464	3.6382	1.2771	1.2827	3.7605
0.60	1.7894	1.0060	4.6200	3.6110	1.2794	1.2869	3.7707
0.80	1.9907	1.0089	4.5956	3.5988	1.2770	1.2911	3.7825
1.00	2.1933	1.0150	4.6032	3.6015	1.2781	1.2980	3.8039
1.20	2.3968	1.0231	4.6026	3.6008	1.2782	1.3068	3.8319
1.40	2.6023	1.0363	4.5982	3.6015	1.2768	1.3227	3.8799
1.60	2.8111	1.0576	4.5955	3.6020	1.2758	1.3481	3.9570
1.80	3.0252	1.0924	4.5937	3.6032	1.2749	1.3882	4.0810
2.00	3.2476	1.1502	4.5913	3.6064	1.2731	1.4527	4.2837
2.20	3.4833	1.2488	4.5858	3.6104	1.2702	1.5557	4.6192
2.40	3.7405	1.4246	4.5735	3.6180	1.2641	1.7211	5.1894
2.60	4.0326	1.7611	4.5539	3.6280	1.2552	1.9834	6.1941
2.80	4.3800	2.4724	4.5376	3.6362	1.2479	2.3800	8.0390
3.00	4.8075	4.1748	0.0	3.6394	0.0	0.0	0.0

T= 4300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5424	1.8220	0.0	88.8208	0.0	0.0	0.0
-6.80	-5.3576	1.7593	124.3137	104.6527	1.1879	1.0891	4.6415
-6.60	-5.1757	1.6873	139.2972	115.8566	1.2023	1.0857	4.5387
-6.40	-4.9962	1.6098	146.7323	120.9452	1.2132	1.0844	4.4306
-6.20	-4.8179	1.5310	146.0171	119.8200	1.2186	1.0837	4.3193
-6.00	-4.6401	1.4548	138.3069	113.5907	1.2176	1.0834	4.2099
-5.80	-4.4618	1.3840	125.8869	103.9155	1.2114	1.0835	4.1063
-5.60	-4.2822	1.3204	111.0850	92.4148	1.2020	1.0840	4.0117
-5.40	-4.1009	1.2647	95.7404	80.4457	1.1901	1.0849	3.9278
-5.20	-3.9177	1.2170	81.1413	68.8688	1.1782	1.0862	3.8552

T= 4300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7323	1.1767	67.9805	58.2487	1.1671	1.0879	3.7940
-4.80	-3.5448	1.1432	56.5159	48.8451	1.1570	1.0901	3.7434
-4.60	-3.3554	1.1156	46.7972	40.7298	1.1490	1.0930	3.7027
-4.40	-3.1643	1.0930	38.6924	33.8540	1.1429	1.0965	3.6710
-4.20	-2.9717	1.0746	32.0327	28.1210	1.1391	1.1009	3.6473
-4.00	-2.7777	1.0597	26.5940	23.3837	1.1373	1.1062	3.6306
-3.80	-2.5827	1.0477	22.1894	19.5062	1.1376	1.1124	3.6201
-3.60	-2.3867	1.0381	18.6402	16.3504	1.1400	1.1196	3.6152
-3.40	-2.1899	1.0304	15.7915	13.7957	1.1447	1.1279	3.6150
-3.20	-1.9925	1.0242	13.5052	11.7387	1.1505	1.1373	3.6191
-3.00	-1.7946	1.0193	11.6798	10.0826	1.1584	1.1476	3.6267
-2.80	-1.5963	1.0153	10.2218	8.7570	1.1673	1.1586	3.6370
-2.60	-1.3977	1.0122	9.0582	7.6968	1.1769	1.1702	3.6495
-2.40	-1.1987	1.0097	8.1346	6.8483	1.1878	1.1820	3.6634
-2.20	-0.9996	1.0077	7.3952	6.1723	1.1981	1.1938	3.6780
-2.00	-0.8003	1.0061	6.8097	5.6337	1.2088	1.2053	3.6927
-1.80	-0.6008	1.0049	6.3417	5.2036	1.2187	1.2161	3.7069
-1.60	-0.4012	1.0039	5.9725	4.8614	1.2286	1.2261	3.7203
-1.40	-0.2016	1.0031	5.6763	4.5885	1.2371	1.2350	3.7324
-1.20	-0.0018	1.0025	5.4422	4.3723	1.2447	1.2430	3.7433
-1.00	0.1980	1.0021	5.2552	4.2000	1.2512	1.2501	3.7531
-0.80	0.3978	1.0018	5.1055	4.0632	1.2565	1.2561	3.7615
-0.60	0.5978	1.0016	4.9884	3.9543	1.2615	1.2614	3.7691
-0.40	0.7977	1.0015	4.8953	3.8677	1.2657	1.2656	3.7754
-0.20	0.9978	1.0017	4.8200	3.7990	1.2688	1.2696	3.7815
0.0	1.1979	1.0021	4.7625	3.7449	1.2717	1.2729	3.7872
0.20	1.3982	1.0027	4.7076	3.6938	1.2745	1.2767	3.7940
0.40	1.5987	1.0039	4.6643	3.6538	1.2766	1.2814	3.8033
0.60	1.7997	1.0061	4.6358	3.6234	1.2794	1.2855	3.8135
0.80	2.0009	1.0089	4.6127	3.6127	1.2768	1.2887	3.8237
1.00	2.2035	1.0150	4.6156	3.6154	1.2766	1.2957	3.8455
1.20	2.4070	1.0231	4.6164	3.6150	1.2770	1.3045	3.8739
1.40	2.6125	1.0362	4.6131	3.6150	1.2761	1.3204	3.9223
1.60	2.8213	1.0575	4.6106	3.6156	1.2752	1.3456	4.0000
1.80	3.0354	1.0922	4.6075	3.6172	1.2738	1.3859	4.1255
2.00	3.2577	1.1499	4.6050	3.6193	1.2724	1.4500	4.3299
2.20	3.4933	1.2481	4.5986	3.6239	1.2690	1.5527	4.6680
2.40	3.7503	1.4232	4.5880	3.6310	1.2636	1.7180	5.2432
2.60	4.0419	1.7575	4.5701	3.6407	1.2553	1.9781	6.2523
2.80	4.3885	2.4628	4.5557	3.6503	1.2481	2.3730	8.1064
3.00	4.8148	4.1469	0.0	3.6583	0.0	0.0	0.0

T= 4400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.5174	1.8861	0.0	63.0287	0.0	0.0	0.0
-6.80	-5.3285	1.8383	92.8738	80.0558	1.1601	1.0948	4.8121
-6.60	-5.1428	1.7787	113.7715	96.0063	1.1850	1.0910	4.7252
-6.40	-4.9602	1.7091	129.8901	108.1990	1.2005	1.0884	4.6263
-6.20	-4.7800	1.6327	139.2979	114.8555	1.2128	1.0868	4.5185
-6.00	-4.6015	1.5539	140.8492	115.4595	1.2199	1.0859	4.4062
-5.80	-4.4237	1.4766	135.2524	110.7817	1.2209	1.0855	4.2944
-5.60	-4.2456	1.4039	124.4559	102.3477	1.2160	1.0855	4.1874
-5.40	-4.0665	1.3381	110.7650	91.7379	1.2074	1.0859	4.0888
-5.20	-3.8857	1.2801	96.1037	80.3328	1.1963	1.0867	4.0006

T= 4400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.7030	1.2301	81.8349	69.1106	1.1841	1.0878	3.9238
-4.80	-3.5182	1.1877	68.7760	58.6589	1.1725	1.0894	3.8585
-4.60	-3.3314	1.1523	57.3253	49.3235	1.1622	1.0916	3.8043
-4.40	-3.1425	1.1231	47.5385	41.2173	1.1534	1.0943	3.7604
-4.20	-2.9519	1.0991	39.3493	34.3051	1.1470	1.0978	3.7260
-4.00	-2.7597	1.0795	32.5811	28.5230	1.1423	1.1020	3.6998
-3.80	-2.5661	1.0637	27.0575	23.7317	1.1401	1.1071	3.6811
-3.60	-2.3714	1.0510	22.5770	19.8000	1.1403	1.1132	3.6690
-3.40	-2.1756	1.0407	18.9559	16.5965	1.1422	1.1203	3.6626
-3.20	-1.9791	1.0325	16.0452	13.9997	1.1461	1.1284	3.6613
-3.00	-1.7818	1.0259	13.7134	11.9042	1.1520	1.1376	3.6644
-2.80	-1.5841	1.0206	11.8492	10.2202	1.1594	1.1477	3.6711
-2.60	-1.3859	1.0164	10.3575	8.8686	1.1679	1.1585	3.6809
-2.40	-1.1873	1.0131	9.1669	7.7870	1.1772	1.1699	3.6929
-2.20	-0.9885	1.0104	8.2217	6.9203	1.1881	1.1817	3.7064
-2.00	-0.7894	1.0083	7.4659	6.2304	1.1983	1.1934	3.7208
-1.80	-0.5901	1.0066	6.8659	5.6791	1.2090	1.2047	3.7353
-1.60	-0.3907	1.0052	6.3862	5.2400	1.2187	1.2156	3.7496
-1.40	-0.1911	1.0042	6.0055	4.8913	1.2278	1.2255	3.7630
-1.20	0.0085	1.0034	5.7044	4.6136	1.2364	1.2346	3.7753
-1.00	0.2082	1.0028	5.4641	4.3926	1.2439	1.2426	3.7865
-0.80	0.4080	1.0023	5.2728	4.2172	1.2503	1.2496	3.7962
-0.60	0.6079	1.0020	5.1215	4.0769	1.2562	1.2557	3.8049
-0.40	0.8079	1.0019	5.0013	3.9659	1.2611	1.2611	3.8128
-0.20	1.0079	1.0019	4.9061	3.8780	1.2651	1.2656	3.8197
0.0	1.2080	1.0023	4.8306	3.8073	1.2688	1.2697	3.8265
0.20	1.4083	1.0029	4.7576	3.7407	1.2718	1.2744	3.8347
0.40	1.6088	1.0040	4.6994	3.6863	1.2748	1.2796	3.8448
0.60	1.8097	1.0062	4.6643	3.6511	1.2775	1.2831	3.8541
0.80	2.0109	1.0089	4.6458	3.6432	1.2752	1.2858	3.8635
1.00	2.2135	1.0150	4.6445	3.6456	1.2740	1.2934	3.8864
1.20	2.4169	1.0231	4.6461	3.6452	1.2746	1.3018	3.9147
1.40	2.6225	1.0362	4.6450	3.6455	1.2742	1.3177	3.9636
1.60	2.8313	1.0574	4.6415	3.6454	1.2733	1.3429	4.0420
1.80	3.0453	1.0921	4.6381	3.6467	1.2719	1.3829	4.1685
2.00	3.2676	1.1495	4.6338	3.6490	1.2699	1.4468	4.3744
2.20	3.5031	1.2475	4.6275	3.6532	1.2667	1.5486	4.7146
2.40	3.7599	1.4217	4.6210	3.6603	1.2624	1.7120	5.2919
2.60	4.0511	1.7540	4.6028	3.6711	1.2538	1.9739	6.3120
2.80	4.3968	2.4536	4.5938	3.6840	1.2470	2.3652	8.1715
3.00	4.8220	4.1204	0.0	3.7014	0.0	0.0	0.0

T= 4500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4978	1.9293	0.0	42.3649	0.0	0.0	0.0
-6.80	-5.3054	1.8957	0.0	56.8387	0.0	1.1068	4.9690
-6.60	-5.1158	1.8507	85.2973	72.9949	1.1685	1.0986	4.8913
-6.40	-4.9294	1.7938	105.0053	88.6801	1.1841	1.0940	4.8055
-6.20	-4.7461	1.7263	121.6399	101.3750	1.1999	1.0910	4.7078
-6.00	-4.5654	1.6512	132.2894	109.0652	1.2129	1.0892	4.6004
-5.80	-4.3865	1.5726	135.5214	110.9937	1.2210	1.0881	4.4872
-5.60	-4.2087	1.4946	131.6075	107.5775	1.2234	1.0876	4.3735
-5.40	-4.0307	1.4206	122.2395	100.2201	1.2197	1.0875	4.2637
-5.20	-3.8519	1.3530	109.5787	90.4174	1.2119	1.0878	4.1616

T= 4500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6715	1.2931	95.5954	79.5846	1.2012	1.0885	4.0697
-4.80	-3.4893	1.2412	81.7504	68.7382	1.1893	1.0896	3.9892
-4.60	-3.3051	1.1971	68.9125	58.5325	1.1773	1.0911	3.9205
-4.40	-3.1187	1.1601	57.5718	49.3381	1.1669	1.0932	3.8632
-4.20	-2.9303	1.1295	47.8101	41.3016	1.1576	1.0959	3.8165
-4.00	-2.7401	1.1043	39.6211	34.4318	1.1507	1.0993	3.7796
-3.80	-2.5482	1.0838	32.8299	28.6568	1.1456	1.1034	3.7513
-3.60	-2.3549	1.0672	27.2768	23.8642	1.1430	1.1084	3.7308
-3.40	-2.1604	1.0537	22.7616	19.9221	1.1425	1.1143	3.7172
-3.20	-1.9649	1.0429	19.1143	16.7051	1.1442	1.1213	3.7097
-3.00	-1.7686	1.0343	16.1805	14.0941	1.1480	1.1294	3.7074
-2.80	-1.5715	1.0273	13.8247	11.9869	1.1533	1.1384	3.7097
-2.60	-1.3738	1.0218	11.9422	10.2900	1.1606	1.1483	3.7157
-2.40	-1.1757	1.0173	10.4362	8.9276	1.1690	1.1590	3.7249
-2.20	-0.9772	1.0138	9.2329	7.8379	1.1780	1.1704	3.7366
-2.00	-0.7784	1.0110	8.2761	6.9650	1.1882	1.1820	3.7498
-1.80	-0.5794	1.0087	7.5132	6.2694	1.1984	1.1935	3.7640
-1.60	-0.3802	1.0070	6.9046	5.7139	1.2084	1.2048	3.7783
-1.40	-0.1808	1.0056	6.4228	5.2720	1.2183	1.2155	3.7925
-1.20	0.0187	1.0045	6.0381	4.9188	1.2276	1.2254	3.8058
-1.00	0.2184	1.0036	5.7324	4.6386	1.2358	1.2345	3.8182
-0.80	0.4181	1.0030	5.4916	4.4152	1.2438	1.2425	3.8295
-0.60	0.6179	1.0026	5.2972	4.2376	1.2500	1.2495	3.8394
-0.40	0.8178	1.0023	5.1424	4.0966	1.2553	1.2558	3.8487
-0.20	1.0178	1.0023	5.0196	3.9844	1.2598	1.2612	3.8568
0.0	1.2179	1.0025	4.9231	3.8952	1.2639	1.2662	3.8649
0.20	1.4181	1.0031	4.8387	3.8140	1.2687	1.2714	3.8740
0.40	1.6186	1.0042	4.7653	3.7462	1.2720	1.2772	3.8849
0.60	1.8196	1.0064	4.7234	3.7068	1.2742	1.2803	3.8938
0.80	2.0206	1.0089	4.7008	3.7012	1.2701	1.2825	3.9021
1.00	2.2233	1.0150	4.7013	3.7022	1.2699	1.2899	3.9253
1.20	2.4267	1.0231	4.7044	3.7023	1.2707	1.2985	3.9538
1.40	2.6322	1.0362	4.7014	3.7026	1.2697	1.3140	4.0026
1.60	2.8410	1.0573	4.6988	3.7032	1.2689	1.3392	4.0819
1.80	3.0550	1.0919	4.6958	3.7041	1.2677	1.3789	4.2091
2.00	3.2772	1.1492	4.6916	3.7063	1.2658	1.4425	4.4168
2.20	3.5126	1.2469	4.6867	3.7099	1.2633	1.5444	4.7601
2.40	3.7692	1.4204	4.6780	3.7170	1.2585	1.7077	5.3424
2.60	4.0500	1.7507	4.6612	3.7273	1.2506	1.9645	6.3619
2.80	4.4050	2.4449	4.6577	3.7412	1.2450	2.3564	8.2337
3.00	4.8290	4.0950	0.0	3.7618	0.0	0.0	0.0

T= 4600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4821	1.9568	0.0	27.8774	0.0	0.0	0.0
-6.80	-5.2871	1.9344	44.4413	38.4510	1.1558	0.0	0.0
-6.60	-5.0943	1.9026	60.0414	51.8116	1.1588	1.1099	5.0401
-6.40	-4.9042	1.8598	78.3848	67.0802	1.1685	1.1021	4.9654
-6.20	-4.7172	1.8050	97.4309	82.3339	1.1834	1.0970	4.8804
-6.00	-4.5333	1.7392	114.1316	95.1701	1.1992	1.0937	4.7834
-5.80	-4.3522	1.6652	125.4959	103.4818	1.2127	1.0916	4.6760
-5.60	-4.1731	1.5869	129.9081	106.2845	1.2223	1.0904	4.5621
-5.40	-3.9951	1.5085	127.3201	103.8513	1.2260	1.0897	4.4466
-5.20	-3.8172	1.4335	119.1428	97.3874	1.2234	1.0895	4.3344

T= 4600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6386	1.3647	107.4158	88.3534	1.2158	1.0897	4.2294
-4.80	-3.4586	1.3033	94.1467	78.0902	1.2056	1.0904	4.1345
-4.60	-3.2767	1.2500	80.7934	67.6683	1.1940	1.0914	4.0510
-4.40	-3.0928	1.2045	68.2866	57.7686	1.1821	1.0929	3.9794
-4.20	-2.9068	1.1663	57.1359	48.7905	1.1710	1.0950	3.9195
-4.00	-2.7188	1.1346	47.5238	40.9018	1.1619	1.0977	3.8705
-3.80	-2.5289	1.1085	39.4111	34.1413	1.1544	1.1009	3.8315
-3.60	-2.3373	1.0872	32.6787	28.4427	1.1489	1.1050	3.8015
-3.40	-2.1443	1.0699	27.1664	23.6995	1.1463	1.1100	3.7796
-3.20	-1.9500	1.0560	22.6757	19.7962	1.1455	1.1159	3.7648
-3.00	-1.7546	1.0447	19.0444	16.6036	1.1470	1.1228	3.7564
-2.80	-1.5584	1.0357	16.1204	14.0115	1.1505	1.1307	3.7533
-2.60	-1.3615	1.0285	13.7742	11.9168	1.1559	1.1397	3.7549
-2.40	-1.1639	1.0227	11.8945	10.2316	1.1625	1.1495	3.7605
-2.20	-0.9659	1.0181	10.3949	8.8784	1.1708	1.1602	3.7694
-2.00	-0.7674	1.0144	9.1960	7.7916	1.1802	1.1714	3.7807
-1.80	-0.5687	1.0114	8.2406	6.9240	1.1901	1.1829	3.7937
-1.60	-0.3697	1.0091	7.4807	6.2307	1.2006	1.1944	3.8076
-1.40	-0.1705	1.0073	6.8742	5.6766	1.2110	1.2055	3.8218
-1.20	0.0289	1.0058	6.3925	5.2366	1.2207	1.2161	3.8359
-1.00	0.2284	1.0047	6.0086	4.8859	1.2298	1.2259	3.8492
-0.80	0.4280	1.0039	5.7032	4.6063	1.2381	1.2348	3.8614
-0.60	0.6278	1.0032	5.4605	4.3842	1.2455	1.2428	3.8727
-0.40	0.8276	1.0029	5.2687	4.2070	1.2524	1.2498	3.8829
-0.20	1.0275	1.0027	5.1157	4.0665	1.2580	1.2560	3.8923
0.0	1.2276	1.0029	4.9943	3.9548	1.2628	1.2619	3.9017
0.20	1.4278	1.0034	4.8978	3.8646	1.2673	1.2673	3.9109
0.40	1.6283	1.0044	4.8155	3.7895	1.2707	1.2732	3.9222
0.60	1.8292	1.0066	4.7646	3.7469	1.2716	1.2749	3.9290
0.80	2.0302	1.0088	4.7414	3.7411	1.2674	1.2765	3.9360
1.00	2.2328	1.0151	4.7434	3.7429	1.2673	1.2844	3.9600
1.20	2.4363	1.0231	4.7449	3.7426	1.2678	1.2929	3.9889
1.40	2.6417	1.0361	4.7406	3.7426	1.2667	1.3087	4.0387
1.60	2.8505	1.0572	4.7393	3.7431	1.2661	1.3335	4.1181
1.80	3.0645	1.0917	4.7357	3.7442	1.2648	1.3733	4.2467
2.00	3.2866	1.1489	4.7322	3.7457	1.2634	1.4365	4.4556
2.20	3.5219	1.2463	4.7245	3.7494	1.2601	1.5376	4.8008
2.40	3.7783	1.4191	4.7159	3.7547	1.2560	1.6988	5.3848
2.60	4.0688	1.7475	4.6985	3.7610	1.2492	1.9581	6.4158
2.80	4.4131	2.4364	4.6870	3.7669	1.2442	2.3460	8.2919
3.00	4.8360	4.0706	0.0	3.7703	0.0	0.0	0.0

T= 4700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4690	1.9739	0.0	18.7344	0.0	0.0	0.0
-6.80	-5.2722	1.9593	30.1819	25.8445	1.1678	0.0	0.0
-6.60	-5.0770	1.9379	41.3183	35.6248	1.1598	1.1264	5.1796
-6.40	-4.8838	1.9074	55.8374	48.0811	1.1613	1.1139	5.1101
-6.20	-4.6934	1.8661	73.1591	62.5525	1.1696	1.1054	5.0350
-6.00	-4.5059	1.8128	91.4865	77.3023	1.1835	1.0998	4.9501
-5.80	-4.3217	1.7483	108.0222	90.0191	1.2000	1.0962	4.8533
-5.60	-4.1402	1.6752	119.6840	98.6137	1.2137	1.0939	4.7457
-5.40	-3.9609	1.5972	124.8143	102.0066	1.2236	1.0925	4.6309
-5.20	-3.7829	1.5186	123.1248	100.2747	1.2279	1.0917	4.5139

T= 4700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.6050	1.4430	115.8701	94.4894	1.2263	1.0915	4.3997
-4.80	-3.4265	1.3733	104.9431	86.0718	1.2192	1.0917	4.2925
-4.60	-3.2467	1.3109	92.2973	76.3323	1.2092	1.0923	4.1950
-4.40	-3.0651	1.2565	79.4179	66.3114	1.1976	1.0933	4.1090
-4.20	-2.8815	1.2100	67.2727	56.7379	1.1857	1.0948	4.0351
-4.00	-2.6958	1.1709	56.3786	48.0010	1.1745	1.0968	3.9729
-3.80	-2.5080	1.1384	46.9560	40.2993	1.1652	1.0994	3.9220
-3.60	-2.3183	1.1116	38.9827	33.6779	1.1575	1.1028	3.8815
-3.40	-2.1270	1.0897	32.3573	28.0860	1.1521	1.1069	3.8503
-3.20	-1.9341	1.0720	26.9169	23.4268	1.1490	1.1118	3.8272
-3.00	-1.7400	1.0576	22.4858	19.5874	1.1480	1.1177	3.8116
-2.80	-1.5447	1.0460	18.8999	16.4450	1.1493	1.1245	3.8023
-2.60	-1.3486	1.0368	16.0124	13.8937	1.1525	1.1324	3.7986
-2.40	-1.1518	1.0293	13.6920	11.8289	1.1575	1.1414	3.7999
-2.20	-0.9543	1.0234	11.8358	10.1660	1.1642	1.1512	3.8051
-2.00	-0.7563	1.0186	10.3521	8.8289	1.1725	1.1617	3.8136
-1.80	-0.5579	1.0148	9.1653	7.7578	1.1814	1.1728	3.8247
-1.60	-0.3592	1.0118	8.2213	6.9021	1.1911	1.1842	3.8376
-1.40	-0.1602	1.0094	7.4685	6.2175	1.2012	1.1956	3.8513
-1.20	0.0390	1.0075	6.8690	5.6714	1.2112	1.2067	3.8656
-1.00	0.2383	1.0061	6.3920	5.2364	1.2207	1.2170	3.8793
-0.80	0.4378	1.0049	6.0119	4.8899	1.2295	1.2267	3.8924
-0.60	0.6375	1.0041	5.7118	4.6143	1.2378	1.2356	3.9049
-0.40	0.8372	1.0035	5.4723	4.3946	1.2452	1.2436	3.9164
-0.20	1.0371	1.0033	5.2815	4.2198	1.2516	1.2505	3.9268
0.0	1.2371	1.0033	5.1308	4.0810	1.2572	1.2571	3.9372
0.20	1.4373	1.0037	5.0238	3.9843	1.2609	1.2622	3.9460
0.40	1.6377	1.0047	4.9348	3.9039	1.2641	1.2677	3.9566
0.60	1.8386	1.0068	4.8784	3.8579	1.2645	1.2686	3.9618
0.80	2.0395	1.0088	4.8533	3.8524	1.2598	1.2703	3.9688
1.00	2.2422	1.0151	4.8536	3.8539	1.2594	1.2782	3.9933
1.20	2.4456	1.0231	4.8553	3.8536	1.2599	1.2863	4.0217
1.40	2.6511	1.0361	4.8512	3.8534	1.2589	1.3019	4.0716
1.60	2.8598	1.0572	4.8490	3.8538	1.2582	1.3268	4.1520
1.80	3.0737	1.0916	4.8467	3.8545	1.2574	1.3662	4.2812
2.00	3.2959	1.1487	4.8425	3.8557	1.2559	1.4291	4.4915
2.20	3.5311	1.2457	4.8346	3.8582	1.2531	1.5294	4.8390
2.40	3.7873	1.4178	4.8259	3.8614	1.2498	1.6905	5.4275
2.60	4.0773	1.7444	4.8003	3.8634	1.2425	1.9449	6.4578
2.80	4.4210	2.4283	4.7812	3.8577	1.2394	2.3342	8.3465
3.00	4.8428	4.0473	0.0	3.8347	0.0	0.0	0.0

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4575	1.9845	0.0	13.2776	0.0	0.0	0.0
-6.80	-5.2596	1.9750	21.1888	17.7951	1.1907	0.0	0.0
-6.60	-5.0627	1.9609	28.6252	24.3995	1.1732	1.1494	5.3188
-6.40	-4.8673	1.9401	39.0078	33.5407	1.1630	1.1306	5.2470
-6.20	-4.6740	1.9104	52.6975	45.2864	1.1636	1.1173	5.1762
-6.00	-4.4833	1.8700	69.1494	59.0341	1.1713	1.1084	5.1006
-5.80	-4.2956	1.8178	86.8011	73.2441	1.1851	1.1024	5.0153
-5.60	-4.1111	1.7542	102.9000	85.6912	1.2008	1.0985	4.9181
-5.40	-3.9294	1.6816	114.6039	94.3354	1.2149	1.0961	4.8100
-5.20	-3.7500	1.6038	120.0757	98.0060	1.2252	1.0946	4.6941

T= 4800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5719	1.5251	118.9696	96.7169	1.2301	1.0938	4.5758
-4.80	-3.3940	1.4492	112.3710	91.4465	1.2288	1.0934	4.4598
-4.60	-3.2156	1.3789	102.0671	83.5226	1.2220	1.0936	4.3506
-4.40	-3.0360	1.3158	89.9932	74.2415	1.2122	1.0942	4.2511
-4.20	-2.8545	1.2608	77.5860	64.6134	1.2008	1.0952	4.1632
-4.00	-2.6711	1.2136	65.8207	55.3636	1.1889	1.0967	4.0874
-3.80	-2.4855	1.1739	55.2328	46.8996	1.1777	1.0987	4.0236
-3.60	-2.2979	1.1409	46.0550	39.4282	1.1681	1.1014	3.9714
-3.40	-2.1084	1.1137	38.2729	32.9827	1.1604	1.1047	3.9297
-3.20	-1.9172	1.0914	31.7972	27.5345	1.1548	1.1088	3.8975
-3.00	-1.7244	1.0733	26.4736	22.9900	1.1515	1.1138	3.8736
-2.80	-1.5304	1.0587	22.1380	19.2409	1.1506	1.1196	3.8573
-2.60	-1.3352	1.0469	18.6274	16.1743	1.1517	1.1266	3.8477
-2.40	-1.1392	1.0375	15.8000	13.6805	1.1549	1.1345	3.8437
-2.20	-0.9424	1.0299	13.5274	11.6634	1.1598	1.1434	3.8446
-2.00	-0.7449	1.0238	11.7077	10.0363	1.1665	1.1532	3.8497
-1.80	-0.5470	1.0190	10.2509	8.7309	1.1741	1.1637	3.8580
-1.60	-0.3486	1.0151	9.0903	7.6830	1.1832	1.1747	3.8689
-1.40	-0.1499	1.0121	8.1645	6.8457	1.1926	1.1860	3.8816
-1.20	0.0490	1.0096	7.4265	6.1759	1.2025	1.1972	3.8951
-1.00	0.2482	1.0077	6.8392	5.6416	1.2123	1.2081	3.9092
-0.80	0.4475	1.0063	6.3720	5.2160	1.2216	1.2185	3.9231
-0.60	0.6471	1.0051	6.0000	4.8768	1.2303	1.2282	3.9364
-0.40	0.8467	1.0044	5.7038	4.6070	1.2381	1.2370	3.9489
-0.20	1.0465	1.0039	5.4673	4.3922	1.2448	1.2448	3.9606
0.0	1.2465	1.0038	5.2823	4.2212	1.2514	1.2517	3.9713
0.20	1.4466	1.0042	5.1594	4.1119	1.2548	1.2565	3.9795
0.40	1.6470	1.0050	5.0586	4.0213	1.2579	1.2618	3.9897
0.60	1.8478	1.0070	4.9910	3.9672	1.2581	1.2613	3.9927
0.80	2.0486	1.0088	4.9534	3.9500	1.2540	1.2625	3.9984
1.00	2.2513	1.0151	4.9415	3.9408	1.2540	1.2707	4.0236
1.20	2.4547	1.0231	4.9363	3.9331	1.2551	1.2789	4.0525
1.40	2.6602	1.0361	4.9288	3.9275	1.2549	1.2944	4.1028
1.60	2.8689	1.0571	4.9204	3.9242	1.2539	1.3191	4.1835
1.80	3.0828	1.0915	4.9140	3.9215	1.2531	1.3584	4.3139
2.00	3.3049	1.1484	4.9014	3.9203	1.2502	1.4208	4.5254
2.20	3.5400	1.2451	4.8814	3.9198	1.2453	1.5207	4.8749
2.40	3.7961	1.4166	4.8305	3.9152	1.2338	1.6808	5.4667
2.60	4.0857	1.7415	4.9242	0.0	0.0	1.9351	6.5039
2.80	4.4287	2.4206	4.8955	0.0	0.0	2.3220	8.3994
3.00	4.8496	4.0251	0.0	0.0	0.0	0.0	0.0

T= 4900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4471	1.9913	0.0	10.1356	0.0	0.0	0.0
-6.80	-5.2[illegible]4	1.9850	15.7308	12.8618	1.2231	0.0	0.0
-6.60	-5.0505	1.9756	20.4417	17.1061	1.1950	1.1794	5.4640
-6.40	-4.8536	1.9617	27.4448	23.3114	1.1773	1.1537	5.3851
-6.20	-4.6581	1.9411	37.3081	31.9825	1.1665	1.1343	5.3116
-6.00	-4.4647	1.9119	50.2976	43.0988	1.1670	1.1205	5.2394
-5.80	-4.2739	1.8719	65.9904	56.2491	1.1732	1.1112	5.1627
-5.60	-4.0861	1.8201	82.9050	69.8717	1.1865	1.1050	5.0765
-5.40	-3.9014	1.7569	98.4805	81.8534	1.2031	1.1009	4.9784
-5.20	-3.7197	1.6847	109.9045	90.3194	1.2168	1.0983	4.8690

T= 4900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5402	1.6070	115.3986	94.0185	1.2274	1.0967	4.7521
-4.80	-3.3620	1.5282	114.5439	92.9506	1.2323	1.0958	4.6323
-4.60	-3.1842	1.4521	108.3779	88.0144	1.2314	1.0955	4.5148
-4.40	-3.0058	1.3816	98.5846	80.4914	1.2248	1.0956	4.4040
-4.20	-2.8262	1.3182	87.0167	71.6241	1.2149	1.0962	4.3030
-4.00	-2.6449	1.2628	75.0932	62.4061	1.2033	1.0972	4.2135
-3.80	-2.4615	1.2154	63.7649	53.5225	1.1914	1.0987	4.1365
-3.60	-2.2760	1.1754	53.5710	45.3821	1.1804	1.1008	4.0717
-3.40	-2.0885	1.1421	44.7043	38.1829	1.1708	1.1035	4.0185
-3.20	-1.8991	1.1147	37.1855	31.9786	1.1628	1.1068	3.9760
-3.00	-1.7079	1.0922	30.9282	26.7264	1.1572	1.1110	3.9432
-2.80	-1.5152	1.0740	25.7873	22.3449	1.1541	1.1160	3.9189
-2.60	-1.3212	1.0592	21.5938	18.7275	1.1531	1.1220	3.9024
-2.40	-1.1261	1.0473	18.1993	15.7677	1.1542	1.1290	3.8925
-2.20	-0.9301	1.0378	15.4606	13.3632	1.1569	1.1370	3.8883
-2.00	-0.7333	1.0302	13.2643	11.4156	1.1619	1.1459	3.8892
-1.80	-0.5359	1.0240	11.5075	9.8471	1.1686	1.1558	3.8943
-1.60	-0.3380	1.0192	10.1000	8.5840	1.1766	1.1662	3.9025
-1.40	-0.1396	1.0153	8.9759	7.5730	1.1853	1.1773	3.9135
-1.20	0.0591	1.0122	8.0790	6.7642	1.1944	1.1884	3.9260
-1.00	0.2580	1.0098	7.3656	6.1181	1.2039	1.1995	3.9395
-0.80	0.4572	1.0079	6.7972	5.6023	1.2133	1.2103	3.9535
-0.60	0.6566	1.0064	6.3437	5.1909	1.2221	1.2205	3.9673
-0.40	0.8561	1.0054	5.9847	4.8638	1.2305	1.2298	3.9804
-0.20	1.0558	1.0047	5.6983	4.6030	1.2379	1.2387	3.9934
0.0	1.2557	1.0045	5.4732	4.3955	1.2452	1.2458	4.0043
0.20	1.4558	1.0047	5.3622	4.3116	1.2437	1.2497	4.0110
0.40	1.6561	1.0054	5.2800	4.2378	1.2459	1.2545	4.0202
0.60	1.8569	1.0072	5.2350	4.2145	1.2421	1.2526	4.0204
0.80	2.0576	1.0088	5.2507	4.2720	1.2291	1.2543	4.0265
1.00	2.2603	1.0151	5.3291	4.3393	1.2281	1.2628	4.0527
1.20	2.4637	1.0231	5.3780	4.3822	1.2273	1.2704	4.0810
1.40	2.6691	1.0360	5.4082	4.4170	1.2244	1.2861	4.1319
1.60	2.8779	1.0570	5.4327	4.4397	1.2237	1.3106	4.2131
1.80	3.0917	1.0913	5.4542	4.4569	1.2238	1.3495	4.3441
2.00	3.3138	1.1481	5.4822	4.4661	1.2275	1.4116	4.5568
2.20	3.5488	1.2446	5.5634	4.4770	1.2426	1.5104	4.9078
2.40	3.8047	1.4154	5.7607	4.5141	1.2762	1.6688	5.5013
2.60	4.0940	1.7387	5.0429	0.0	0.0	1.9226	6.5451
2.80	4.4364	2.4132	5.0040	0.0	0.0	2.3034	8.4485
3.00	4.8562	4.0037	0.0	0.0	0.0	0.0	0.0

T= 5000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4373	1.9958	0.0	8.5397	0.0	0.0	0.0
-6.80	-5.2382	1.9915	12.6722	10.0987	1.2548	0.0	0.0
-6.60	-5.0396	1.9852	15.5583	12.6984	1.2252	1.2132	5.6115
-6.40	-4.8417	1.9758	20.0708	16.7537	1.1980	1.1822	5.5263
-6.20	-4.6448	1.9617	26.8237	22.7232	1.1805	1.1565	5.4463
-6.00	-4.4494	1.9412	36.3187	31.0788	1.1686	1.1370	5.3718
-5.80	-4.2560	1.9119	48.8204	41.8088	1.1677	1.1230	5.2983
-5.60	-4.0651	1.8719	63.9961	54.4340	1.1757	1.1134	5.2202
-5.40	-3.8773	1.8200	80.2906	67.5354	1.1889	1.1071	5.1327
-5.20	-3.6927	1.7568	95.3127	79.1201	1.2047	1.1029	5.0334

T= 5000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.5110	1.6845	106.3555	87.2517	1.2189	1.1003	4.9227
-4.80	-3.3315	1.6068	111.6483	90.8050	1.2295	1.0987	4.8044
-4.60	-3.1533	1.5280	110.8058	89.7668	1.2344	1.0978	4.6833
-4.40	-2.9755	1.4519	104.8492	85.0030	1.2335	1.0975	4.5646
-4.20	-2.7971	1.3814	95.3950	77.7323	1.2272	1.0977	4.4527
-4.00	-2.6175	1.3180	84.1962	69.1613	1.2174	1.0984	4.3507
-3.80	-2.4361	1.2627	72.6562	60.2490	1.2059	1.0995	4.2605
-3.60	-2.2528	1.2152	61.6987	51.6623	1.1943	1.1011	4.1828
-3.40	-2.0673	1.1753	51.8168	43.8036	1.1829	1.1033	4.1176
-3.20	-1.8798	1.1420	43.2391	36.8446	1.1736	1.1061	4.0640
-3.00	-1.6903	1.1146	35.9668	30.8438	1.1661	1.1097	4.0214
-2.80	-1.4991	1.0922	29.9072	25.7701	1.1605	1.1141	3.9887
-2.60	-1.3064	1.0739	24.9288	21.5340	1.1576	1.1194	3.9647
-2.40	-1.1124	1.0592	20.8655	18.0379	1.1568	1.1257	3.9484
-2.20	-0.9173	1.0473	17.5801	15.1789	1.1582	1.1331	3.9391
-2.00	-0.7213	1.0378	14.9316	12.8518	1.1618	1.1416	3.9357
-1.80	-0.5245	1.0301	12.8030	10.9676	1.1673	1.1510	3.9374
-1.60	-0.3271	1.0240	11.0984	9.4509	1.1743	1.1614	3.9434
-1.40	-0.1292	1.0192	9.7362	8.2316	1.1828	1.1725	3.9528
-1.20	0.0692	1.0153	8.6484	7.2550	1.1921	1.1843	3.9650
-1.00	0.2679	1.0122	7.7814	6.4730	1.2021	1.1962	3.9790
-0.80	0.4668	1.0098	7.0912	5.8480	1.2126	1.2081	3.9938
-0.60	0.6660	1.0080	6.5411	5.3503	1.2226	1.2195	4.0091
-0.40	0.8654	1.0066	6.1028	4.9519	1.2324	1.2306	4.0245
-0.20	1.0650	1.0057	5.7547	4.6351	1.2416	1.2408	4.0393
0.0	1.2648	1.0053	5.4751	4.3836	1.2490	1.2506	4.0543
0.20	1.4648	1.0052	5.2271	4.1522	1.2589	1.2607	4.0706
0.40	1.6651	1.0059	5.0323	3.9728	1.2667	1.2703	4.0873
0.60	1.8658	1.0074	4.8420	3.7975	1.2751	1.2801	4.1061
0.80	2.0663	1.0087	4.5977	3.5309	1.3021	1.3078	4.1535
1.00	2.2691	1.0151	4.3019	3.2772	1.3127	1.3256	4.1945
1.20	2.4725	1.0231	4.1313	3.1019	1.3319	1.3484	4.2470
1.40	2.6779	1.0360	3.9836	2.9735	1.3397	1.3768	4.3185
1.60	2.8866	1.0570	3.8899	2.8792	1.3510	1.4095	4.4135
1.80	3.1004	1.0912	3.7720	2.8051	1.3447	1.4445	4.5397
2.00	3.3224	1.1479	3.6240	2.7712	1.3077	1.4704	4.6977
2.20	3.5574	1.2441	3.2464	2.7271	1.1904	1.4498	4.8561
2.40	3.8131	1.4143	2.6138	2.5634	1.0197	1.5751	5.3929
2.60	4.1021	1.7360	5.0936	0.0	0.0	1.8930	6.5552
2.80	4.4439	2.4062	5.0501	0.0	0.0	2.2810	8.4713
3.00	4.8628	3.9833	0.0	0.0	0.0	0.0	0.0

T= 5100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4280	1.9992	0.0	7.9264	0.0	0.0	0.0
-6.80	-5.2287	1.9960	11.0999	8.6836	1.2783	0.0	0.0
-6.60	-5.0296	1.9916	12.7574	10.1744	1.2539	1.2455	5.7517
-6.40	-4.8310	1.9851	15.5516	12.6934	1.2252	1.2141	5.6695
-6.20	-4.6331	1.9755	19.9686	16.6291	1.2008	1.1839	5.5850
-6.00	-4.4363	1.9613	26.5193	22.4478	1.1814	1.1585	5.5048
-5.80	-4.2409	1.9404	35.7896	30.5260	1.1724	1.1391	5.4293
-5.60	-4.0476	1.9107	47.9845	40.9650	1.1714	1.1251	5.3545
-5.40	-3.8569	1.8703	62.6313	53.1141	1.1792	1.1155	5.2749
-5.20	-3.6692	1.8180	78.2789	65.6735	1.1919	1.1091	5.1857

T= 5100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.00	-3.4847	1.7544	92.5790	76.6840	1.2073	1.1049	5.0846
-4.80	-3.3030	1.6818	103.0479	84.3195	1.2221	1.1023	4.9723
-4.60	-3.1236	1.6040	107.8539	87.5374	1.2321	1.1007	4.8524
-4.40	-2.9455	1.5253	106.7796	86.3469	1.2366	1.0998	4.7299
-4.20	-2.7677	1.4493	100.8400	81.6292	1.2353	1.0995	4.6100
-4.00	-2.5893	1.3790	91.6365	74.5517	1.2292	1.0997	4.4972
-3.80	-2.4096	1.3160	80.7826	66.2808	1.2188	1.1004	4.3946
-3.60	-2.2282	1.2609	69.6788	57.7103	1.2074	1.1016	4.3039
-3.40	-2.0447	1.2137	59.1588	49.4730	1.1958	1.1033	4.2259
-3.20	-1.8592	1.1740	49.7026	41.9431	1.1850	1.1056	4.1605
-3.00	-1.6716	1.1409	41.4820	35.2902	1.1755	1.1085	4.1070
-2.80	-1.4821	1.1137	34.5265	29.5594	1.1680	1.1122	4.0644
-2.60	-1.2908	1.0915	28.7386	24.7131	1.1629	1.1167	4.0318
-2.40	-1.0981	1.0734	23.9838	20.6744	1.1601	1.1222	4.0080
-2.20	-0.9040	1.0587	20.1085	17.3394	1.1597	1.1287	3.9920
-2.00	-0.7089	1.0470	16.9703	14.6119	1.1614	1.1362	3.9830
-1.80	-0.5128	1.0375	14.4404	12.3964	1.1649	1.1448	3.9799
-1.60	-0.3160	1.0299	12.4131	10.6027	1.1707	1.1544	3.9820
-1.40	-0.1186	1.0239	10.7853	9.1566	1.1779	1.1649	3.9883
-1.20	0.0794	1.0190	9.4846	7.9952	1.1863	1.1761	3.9980
-1.00	0.2777	1.0152	8.4468	7.0625	1.1960	1.1878	4.0104
-0.80	0.4764	1.0122	7.6177	6.3183	1.2056	1.1997	4.0244
-0.60	0.6754	1.0099	6.9596	5.7230	1.2161	1.2115	4.0394
-0.40	0.8747	1.0082	6.4327	5.2478	1.2258	1.2229	4.0549
-0.20	1.0742	1.0069	6.0159	4.8687	1.2356	1.2337	4.0703
0.0	1.2739	1.0062	5.6779	4.5679	1.2430	1.2441	4.0860
0.20	1.4738	1.0061	5.3446	4.2510	1.2572	1.2570	4.1068
0.40	1.6740	1.0066	5.0763	4.0052	1.2674	1.2692	4.1278
0.60	1.8747	1.0081	4.8254	3.7682	1.2805	1.2828	4.1528
0.80	2.0759	1.0109	4.5005	3.4105	1.3196	1.3181	4.2154
1.00	2.2779	1.0157	4.1185	3.0813	1.3366	1.3413	4.2626
1.20	2.4813	1.0237	3.8883	2.8515	1.3636	1.3707	4.3259
1.40	2.6868	1.0366	3.7046	2.6771	1.3838	1.4054	4.4078
1.60	2.8954	1.0573	3.5693	2.5436	1.4032	1.4429	4.5105
1.80	3.1087	1.0902	3.4274	2.4609	1.3927	1.4810	4.6402
2.00	3.3290	1.1424	3.2453	2.3907	1.3574	1.5033	4.7858
2.20	3.5594	1.2253	2.8310	2.3390	1.2103	1.4634	4.8903
2.40	3.8037	1.3568	0.0	2.1811	0.0	0.0	0.0

T= 5200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4189	2.0021	0.0	7.8938	0.0	0.0	0.0
-6.80	-5.2195	1.9995	10.3984	8.0623	1.2898	0.0	0.0
-6.60	-5.0202	1.9961	11.2124	8.7773	1.2774	1.2703	5.8718
-6.40	-4.8212	1.9914	12.8175	10.2172	1.2545	1.2451	5.8066
-6.20	-4.6227	1.9847	15.5561	12.6760	1.2272	1.2150	5.7263
-6.00	-4.4249	1.9748	19.8734	16.5282	1.2024	1.1855	5.6420
-5.80	-4.2281	1.9600	26.3117	22.2215	1.1841	1.1603	5.5610
-5.60	-4.0329	1.9385	35.3863	30.0984	1.1757	1.1410	5.4842
-5.40	-3.8398	1.9080	47.2373	40.1871	1.1754	1.1271	5.4077
-5.20	-3.6493	1.8666	61.4124	51.9542	1.1820	1.1175	5.3260
-5.00	-3.4619	1.8134	76.4019	63.9104	1.1955	1.1111	5.2344
-4.80	-3.2776	1.7489	89.9232	74.2449	1.2112	1.1069	5.1308
-4.60	-3.0962	1.6758	99.5536	81.2409	1.2254	1.1042	5.0163

T= 5200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.40	-2.9169	1.5978	103.7719	83.9970	1.2354	1.1026	4.8944
-4.20	-2.7388	1.5191	102.3442	82.5907	1.2392	1.1017	4.7706
-4.00	-2.5610	1.4435	96.3676	77.8751	1.2375	1.1014	4.6497
-3.80	-2.3825	1.3737	87.3855	70.9978	1.2308	1.1016	4.5363
-3.60	-2.2027	1.3113	76.9509	63.0427	1.2206	1.1023	4.4333
-3.40	-2.0211	1.2568	66.3192	54.8605	1.2089	1.1034	4.3426
-3.20	-1.8375	1.2103	56.3067	47.0360	1.1971	1.1051	4.2647
-3.00	-1.6518	1.1711	47.3328	39.9006	1.1863	1.1074	4.1995
-2.80	-1.4640	1.1386	39.5554	33.6107	1.1769	1.1104	4.1462
-2.60	-1.2744	1.1118	32.9786	28.2031	1.1693	1.1140	4.1039
-2.40	-1.0830	1.0899	27.5210	23.6328	1.1645	1.1185	4.0714
-2.20	-0.8902	1.0721	23.0305	19.8264	1.1616	1.1239	4.0478
-2.00	-0.6960	1.0577	19.3769	16.6870	1.1612	1.1303	4.0320
-1.80	-0.5008	1.0461	16.4190	14.1229	1.1626	1.1376	4.0228
-1.60	-0.3047	1.0368	14.0375	12.0377	1.1661	1.1459	4.0195
-1.40	-0.1078	1.0294	12.1257	10.3490	1.1717	1.1551	4.0211
-1.20	0.0897	1.0235	10.5933	8.9896	1.1784	1.1651	4.0267
-1.00	0.2877	1.0188	9.3679	7.9002	1.1858	1.1755	4.0354
-0.80	0.4861	1.0150	8.3940	7.0250	1.1949	1.1863	4.0465
-0.60	0.6848	1.0121	7.6134	6.3249	1.2037	1.1973	4.0593
-0.40	0.8839	1.0099	6.9923	5.7668	1.2125	1.2079	4.0729
-0.20	1.0832	1.0083	6.4994	5.3201	1.2217	1.2183	4.0871
0.0	1.2828	1.0073	6.1078	4.9640	1.2304	1.2280	4.1013
0.20	1.4826	1.0070	5.8131	4.7010	1.2366	1.2371	4.1158
0.40	1.6828	1.0073	5.5754	4.4858	1.2429	1.2462	4.1315
0.60	1.8833	1.0086	5.3999	4.3311	1.2468	1.2552	4.1491
0.80	2.0845	1.0113	5.2894	4.2404	1.2474	1.2644	4.1699
1.00	2.2865	1.0160	5.2310	4.1898	1.2485	1.2754	4.1977
1.20	2.4899	1.0239	5.1749	4.1438	1.2488	1.2887	4.2360
1.40	2.6953	1.0368	5.1268	4.1038	1.2493	1.3071	4.2927
1.60	2.9038	1.0573	5.0872	4.0759	1.2481	1.3330	4.3778
1.80	3.1171	1.0901	5.0627	4.0405	1.2530	1.3707	4.5077
2.00	3.3374	1.1422	5.0719	4.0229	1.2608	1.4251	4.7047
2.20	3.5677	1.2249	5.1673	4.0192	1.2856	1.5012	5.0004
2.40	3.8119	1.3561	0.0	4.0611	0.0	0.0	0.0

T= 5300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4100	2.0049	0.0	8.4072	0.0	0.0	0.0
-6.80	-5.2106	2.0024	10.4476	8.1232	1.2861	0.0	0.0
-6.60	-5.0112	1.9996	10.6311	8.2764	1.2845	1.2804	5.9569
-6.40	-4.8120	1.9960	11.4240	8.9823	1.2718	1.2665	5.9191
-6.20	-4.6130	1.9911	13.0485	10.4283	1.2513	1.2426	5.8557
-6.00	-4.4146	1.9840	15.8028	12.9019	1.2248	1.2135	5.7766
-5.80	-4.2169	1.9735	20.1759	16.7809	1.2023	1.1851	5.6934
-5.60	-4.0203	1.9581	26.6404	22.4862	1.1847	1.1606	5.6121
-5.40	-3.8253	1.9356	35.6965	30.3174	1.1774	1.1418	5.5345
-5.20	-3.6325	1.9040	47.4339	40.2582	1.1782	1.1283	5.4564
-5.00	-3.4423	1.8612	61.3028	51.6523	1.1868	1.1190	5.3725
-4.80	-3.2553	1.8066	75.7103	63.1103	1.1997	1.1127	5.2783
-4.60	-3.0713	1.7410	88.4251	72.7715	1.2151	1.1086	5.1720
-4.40	-2.8902	1.6670	97.1395	79.0508	1.2288	1.1060	5.0551
-4.20	-2.7111	1.5887	100.5559	81.1997	1.2384	1.1044	4.9313
-4.00	-2.5331	1.5102	98.5885	79.4174	1.2414	1.1036	4.8062

T= 5300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.80	-2.3552	1.4352	92.3748	74.5633	1.2389	1.1033	4.6847
-3.60	-2.1766	1.3662	83.4547	67.7515	1.2318	1.1036	4.5711
-3.40	-1.9966	1.3046	73.2970	60.0094	1.2214	1.1043	4.4685
-3.20	-1.8148	1.2511	63.0694	52.1342	1.2098	1.1055	4.3783
-3.00	-1.6310	1.2054	53.4763	44.6480	1.1977	1.1073	4.3011
-2.80	-1.4450	1.1671	44.9361	37.8527	1.1871	1.1097	4.2367
-2.60	-1.2570	1.1352	37.5627	31.8860	1.1780	1.1128	4.1843
-2.40	-1.0672	1.1090	31.3407	26.7618	1.1711	1.1166	4.1427
-2.20	-0.8756	1.0876	26.1805	22.4465	1.1664	1.1213	4.1112
-2.00	-0.6826	1.0703	21.9427	18.8528	1.1639	1.1269	4.0884
-1.80	-0.4883	1.0563	18.4988	15.8966	1.1637	1.1334	4.0733
-1.60	-0.2930	1.0450	15.7119	13.4761	1.1659	1.1409	4.0649
-1.40	-0.0968	1.0359	13.4668	11.5164	1.1694	1.1493	4.0621
-1.20	0.1002	1.0287	11.6646	9.9270	1.1750	1.1586	4.0642
-1.00	0.2977	1.0229	10.2245	8.6501	1.1820	1.1685	4.0702
-0.80	0.4958	1.0184	9.0710	7.6224	1.1900	1.1789	4.0791
-0.60	0.6942	1.0148	8.1500	6.8004	1.1985	1.1897	4.0906
-0.40	0.8931	1.0120	7.4178	6.1425	1.2076	1.2004	4.1034
-0.20	1.0922	1.0100	6.8351	5.6176	1.2167	1.2110	4.1172
0.0	1.2916	1.0087	6.3695	5.1984	1.2253	1.2211	4.1316
0.20	1.4913	1.0080	5.9945	4.8616	1.2330	1.2308	4.1466
0.40	1.6914	1.0081	5.7001	4.5938	1.2408	1.2403	4.1628
0.60	1.8919	1.0093	5.4609	4.3781	1.2473	1.2496	4.1809
0.80	2.0930	1.0118	5.2663	4.2000	1.2539	1.2596	4.2029
1.00	2.2950	1.0164	5.1069	4.0558	1.2591	1.2709	4.2312
1.20	2.4983	1.0242	4.9827	3.9436	1.2635	1.2849	4.2708
1.40	2.7036	1.0370	4.8818	3.8539	1.2667	1.3032	4.3277
1.60	2.9121	1.0574	4.8033	3.7865	1.2685	1.3296	4.4143
1.80	3.1253	1.0901	4.7405	3.7351	1.2692	1.3673	4.5450
2.00	3.3456	1.1421	4.6952	3.6994	1.2692	1.4215	4.7435
2.20	3.5759	1.2246	4.6598	3.6762	1.2676	1.4979	5.0420
2.40	3.8200	1.3554	0.0	3.6656	0.0	0.0	0.0

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.4012	2.0079	0.0	9.3262	0.0	0.0	0.0
-6.80	-5.2018	2.0053	10.9935	8.6370	1.2728	0.0	0.0
-6.60	-5.0024	2.0026	10.6792	8.3360	1.2811	1.2769	6.0093
-6.40	-4.8031	1.9996	10.8783	8.4835	1.2823	1.2755	6.0013
-6.20	-4.6039	1.9958	11.6829	9.1998	1.2699	1.2622	5.9642
-6.00	-4.4050	1.9905	13.3198	10.6776	1.2475	1.2392	5.9018
-5.80	-4.2067	1.9830	16.1636	13.2022	1.2243	1.2112	5.8236
-5.60	-4.0091	1.9718	20.6058	17.1429	1.2020	1.1836	5.7408
-5.40	-3.8128	1.9554	27.1577	22.8956	1.1862	1.1602	5.6600
-5.20	-3.6181	1.9317	36.2911	30.7361	1.1807	1.1421	5.5816
-5.00	-3.4256	1.8985	47.9685	40.5894	1.1818	1.1291	5.5017
-4.80	-3.2359	1.8540	61.5175	51.6561	1.1909	1.1201	5.4152
-4.60	-3.0493	1.7977	75.3547	62.5441	1.2048	1.1141	5.3180
-4.40	-2.8658	1.7306	87.1291	71.4581	1.2193	1.1102	5.2087
-4.20	-2.6850	1.6557	94.8472	76.9492	1.2326	1.1077	5.0890
-4.00	-2.5061	1.5771	97.3407	78.4222	1.2412	1.1061	4.9633
-3.80	-2.3282	1.4989	94.7422	76.1890	1.2435	1.1054	4.8371
-3.60	-2.1503	1.4246	88.2582	71.1621	1.2402	1.1052	4.7152
-3.40	-1.9715	1.3566	79.3694	64.4028	1.2324	1.1055	4.6020

T= 5400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.20	-1.7913	1.2963	69.4941	56.8791	1.2218	1.1063	4.5001
-3.00	-1.6092	1.2439	59.6634	49.3122	1.2099	1.1077	4.4110
-2.80	-1.4250	1.1994	50.5406	42.1806	1.1982	1.1096	4.3350
-2.60	-1.2388	1.1620	42.4523	35.7393	1.1878	1.1121	4.2718
-2.40	-1.0505	1.1310	35.4980	30.1063	1.1791	1.1154	4.2206
-2.20	-0.8604	1.1056	29.6492	25.2885	1.1724	1.1194	4.1804
-2.00	-0.6686	1.0849	24.8037	21.2325	1.1682	1.1242	4.1499
-1.80	-0.4754	1.0680	20.8351	17.8646	1.1663	1.1299	4.1281
-1.60	-0.2810	1.0544	17.6085	15.0942	1.1666	1.1367	4.1140
-1.40	-0.0855	1.0435	14.9968	12.8348	1.1684	1.1444	4.1065
-1.20	0.1108	1.0348	12.9004	11.0002	1.1727	1.1530	4.1045
-1.00	0.3079	1.0278	11.2139	9.5176	1.1782	1.1624	4.1073
-0.80	0.5055	1.0223	9.8669	8.3247	1.1852	1.1724	4.1139
-0.60	0.7037	1.0179	8.7910	7.3673	1.1932	1.1829	4.1234
-0.40	0.9023	1.0145	7.9338	6.6002	1.2021	1.1935	4.1349
-0.20	1.1012	1.0120	7.2462	5.9867	1.2104	1.2041	4.1481
0.0	1.3004	1.0102	6.7011	5.4967	1.2191	1.2146	4.1625
0.20	1.5000	1.0093	6.2683	5.1055	1.2278	1.2246	4.1776
0.40	1.6999	1.0091	5.9210	4.7944	1.2350	1.2346	4.1943
0.60	1.9003	1.0101	5.6448	4.5461	1.2417	1.2444	4.2129
0.80	2.1014	1.0124	5.4263	4.3482	1.2479	1.2549	4.2356
1.00	2.3033	1.0169	5.2503	4.1914	1.2526	1.2666	4.2648
1.20	2.5065	1.0246	5.1120	4.0671	1.2569	1.2810	4.3051
1.40	2.7119	1.0372	4.9996	3.9687	1.2598	1.3003	4.3640
1.60	2.9203	1.0576	4.9135	3.8921	1.2625	1.3266	4.4509
1.80	3.1335	1.0901	4.8452	3.8332	1.2640	1.3642	4.5825
2.00	3.3536	1.1419	4.7961	3.7907	1.2652	1.4189	4.7833
2.20	3.5839	1.2242	4.7705	3.7639	1.2674	1.4950	5.0837
2.40	3.8279	1.3548	0.0	3.7542	0.0	0.0	0.0

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3925	2.0115	0.0	10.6522	0.0	0.0	0.0
-6.80	-5.1932	2.0085	11.9591	9.5550	1.2516	0.0	0.0
-6.60	-4.9938	2.0057	11.2208	8.8488	1.2681	1.2633	6.0368
-6.40	-4.7944	2.0028	10.9086	8.5447	1.2766	1.2721	6.0532
-6.20	-4.5951	1.9995	11.1176	8.7051	1.2771	1.2706	6.0448
-6.00	-4.3960	1.9954	11.9697	9.4575	1.2656	1.2576	6.0075
-5.80	-4.1972	1.9897	13.6991	10.9974	1.2457	1.2351	5.9452
-5.60	-3.9990	1.9815	16.6428	13.6046	1.2233	1.2080	5.8675
-5.40	-3.8017	1.9695	21.2238	17.6643	1.2015	1.1816	5.7854
-5.20	-3.6056	1.9520	27.9660	23.5411	1.1880	1.1592	5.7046
-5.00	-3.4112	1.9267	37.1908	31.4536	1.1824	1.1419	5.6252
-4.80	-3.2192	1.8916	48.9039	41.2231	1.1863	1.1295	5.5433
-4.60	-3.0300	1.8449	62.1487	51.9806	1.1956	1.1210	5.4540
-4.40	-2.8440	1.7865	75.3173	62.2744	1.2094	1.1154	5.3534
-4.20	-2.6611	1.7178	86.1143	70.3439	1.2242	1.1116	5.2406
-4.00	-2.4807	1.6420	92.6964	74.9767	1.2363	1.1092	5.1181
-3.80	-2.3020	1.5631	94.1834	75.6987	1.2442	1.1079	4.9907
-3.60	-2.1242	1.4854	90.8937	72.9882	1.2453	1.1072	4.8634
-3.40	-1.9462	1.4120	84.0963	67.7516	1.2412	1.1071	4.7416
-3.20	-1.7672	1.3453	75.2441	61.0349	1.2328	1.1075	4.6292
-3.00	-1.5867	1.2864	65.6416	53.7187	1.2220	1.1084	4.5285
-2.80	-1.4042	1.2354	56.2252	46.4647	1.2101	1.1099	4.4409

T= 5500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.60	-1.2197	1.1922	47.5533	39.6847	1.1983	1.1120	4.3666
-2.40	-1.0330	1.1561	39.9314	33.6035	1.1883	1.1147	4.3051
-2.20	-0.8444	1.1261	33.3988	28.3052	1.1800	1.1181	4.2555
-2.00	-0.6540	1.1016	27.9235	23.7922	1.1736	1.1223	4.2168
-1.80	-0.4520	1.0816	23.3973	20.0009	1.1698	1.1273	4.1877
-1.60	-0.2685	1.0654	19.6965	16.8582	1.1684	1.1334	4.1674
-1.40	-0.0739	1.0523	16.6951	14.2824	1.1689	1.1403	4.1544
-1.20	0.1218	1.0419	14.2678	12.1794	1.1715	1.1482	4.1480
-1.00	0.3183	1.0335	12.3158	10.4723	1.1760	1.1571	4.1471
-0.80	0.5154	1.0268	10.7505	9.0954	1.1820	1.1666	4.1506
-0.60	0.7132	1.0215	9.4980	7.9878	1.1891	1.1766	4.1577
-0.40	0.9115	1.0174	8.4976	7.0986	1.1971	1.1871	4.1677
-0.20	1.1101	1.0143	7.6989	6.3869	1.2054	1.1977	4.1800
0.0	1.3092	1.0121	7.0624	5.8185	1.2138	1.2083	4.1938
0.20	1.5086	1.0107	6.5575	5.3637	1.2226	1.2187	4.2090
0.40	1.7084	1.0103	6.1528	5.0016	1.2301	1.2290	4.2259
0.60	1.9087	1.0110	5.8313	4.7125	1.2374	1.2395	4.2453
0.80	2.1096	1.0132	5.5762	4.4831	1.2438	1.2504	4.2686
1.00	2.3115	1.0175	5.3701	4.2996	1.2490	1.2626	4.2985
1.20	2.5147	1.0250	5.2076	4.1544	1.2535	1.2774	4.3396
1.40	2.7200	1.0375	5.0795	4.0395	1.2575	1.2970	4.3993
1.60	2.9283	1.0578	4.9764	3.9495	1.2600	1.3237	4.4874
1.80	3.1415	1.0902	4.8982	3.8800	1.2624	1.3618	4.6208
2.00	3.3616	1.1418	4.8380	3.8287	1.2636	1.4164	4.8229
2.20	3.5917	1.2239	4.8025	3.7951	1.2655	1.4926	5.1258
2.40	3.8356	1.3542	0.0	3.7792	0.0	0.0	0.0

T= 5600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3837	2.0159	0.0	12.3974	0.0	0.0	0.0
-6.80	-5.1845	2.0122	13.3571	10.8576	1.2302	0.0	0.0
-6.60	-4.9852	2.0089	12.1634	9.7467	1.2479	1.2443	6.0503
-6.40	-4.7859	2.0059	11.4235	9.0362	1.2642	1.2593	6.0821
-6.20	-4.5866	2.0028	11.1214	8.7439	1.2719	1.2675	6.0971
-6.00	-4.3873	1.9993	11.3773	8.9395	1.2727	1.2656	6.0873
-5.80	-4.1883	1.9948	12.2953	9.7508	1.2609	1.2527	6.0492
-5.60	-3.9897	1.9886	14.1401	11.3841	1.2421	1.2307	5.9865
-5.40	-3.7916	1.9797	17.2511	14.1290	1.2210	1.2043	5.9088
-5.20	-3.5945	1.9666	22.0505	18.3582	1.2011	1.1789	5.8268
-5.00	-3.3987	1.9476	28.9928	24.4122	1.1876	1.1576	5.7459
-4.80	-3.2048	1.9204	38.4213	32.4380	1.1845	1.1414	5.6655
-4.60	-3.0134	1.8830	50.1069	42.1486	1.1888	1.1297	5.5814
-4.40	-2.8248	1.8339	63.1135	52.5640	1.2007	1.1217	5.4887
-4.20	-2.6395	1.7732	75.5238	62.1583	1.2150	1.1165	5.3843
-4.00	-2.4571	1.7026	85.2403	69.3423	1.2293	1.1130	5.2679
-3.80	-2.2771	1.6258	90.6103	73.0154	1.2410	1.1108	5.1427
-3.60	-2.0987	1.5469	91.0060	72.9752	1.2471	1.1096	5.0134
-3.40	-1.9209	1.4698	87.0134	69.7691	1.2472	1.1090	4.8856
-3.20	-1.7428	1.3977	79.8888	64.3296	1.2419	1.1090	4.7643
-3.00	-1.5635	1.3325	71.0817	57.6538	1.2329	1.1095	4.6530
-2.80	-1.3826	1.2752	61.7637	50.5527	1.2218	1.1106	4.5540
-2.60	-1.1997	1.2259	52.7598	43.6116	1.2098	1.1122	4.4684
-2.40	-1.0148	1.1842	44.5639	37.1881	1.1983	1.1144	4.3961
-2.20	-0.8277	1.1494	37.3968	31.4680	1.1884	1.1173	4.3366

T= 5600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.00	-0.6387	1.1207	31.3000	26.5095	1.1807	1.1209	4.2890
-1.80	-0.4479	1.0971	26.1953	22.2957	1.1749	1.1254	4.2522
-1.60	-0.2556	1.0780	21.9933	18.7698	1.1717	1.1307	4.2249
-1.40	-0.0619	1.0625	18.5615	15.8541	1.1708	1.1370	4.2061
-1.20	0.1330	1.0500	15.7790	13.4665	1.1717	1.1443	4.1946
-1.00	0.3288	1.0400	13.5358	11.5198	1.1750	1.1524	4.1894
-0.80	0.5255	1.0320	11.7289	9.9433	1.1796	1.1613	4.1894
-0.60	0.7228	1.0257	10.2826	8.6722	1.1857	1.1711	4.1940
-0.40	0.9207	1.0207	9.1263	7.6489	1.1932	1.1812	4.2020
-0.20	1.1191	1.0170	8.2027	6.8285	1.2012	1.1917	4.2128
0.0	1.3179	1.0142	7.4646	6.1729	1.2093	1.2023	4.2256
0.20	1.5171	1.0124	6.8738	5.6476	1.2171	1.2130	4.2407
0.40	1.7168	1.0116	6.4083	5.2286	1.2256	1.2239	4.2580
0.60	1.9170	1.0120	6.0384	4.8941	1.2338	1.2347	4.2776
0.80	2.1178	1.0140	5.7370	4.6281	1.2396	1.2460	4.3013
1.00	2.3196	1.0181	5.5018	4.4163	1.2458	1.2587	4.3321
1.20	2.5227	1.0255	5.3132	4.2476	1.2509	1.2741	4.3743
1.40	2.7279	1.0379	5.1634	4.1143	1.2550	1.2939	4.4346
1.60	2.9363	1.0580	5.0426	4.0092	1.2578	1.3210	4.5240
1.80	3.1493	1.0903	4.9483	3.9280	1.2598	1.3595	4.6588
2.00	3.3694	1.1418	4.8797	3.8669	1.2619	1.4142	4.8627
2.20	3.5994	1.2236	4.8359	3.8245	1.2645	1.4904	5.1678
2.40	3.8433	1.3536	0.0	3.8020	0.0	0.0	0.0

T= 5700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3749	2.0213	0.0	14.5914	0.0	0.0	0.0
-6.80	-5.1759	2.0166	15.1888	12.5572	1.2096	0.0	0.0
-6.60	-4.9767	2.0127	13.5333	11.0115	1.2290	1.2233	6.0579
-6.40	-4.7775	2.0092	12.3541	9.8996	1.2479	1.2417	6.0982
-6.20	-4.5782	2.0060	11.6118	9.2052	1.2614	1.2562	6.1286
-6.00	-4.3789	2.0027	11.3589	8.9416	1.2703	1.2634	6.1412
-5.80	-4.1797	1.9989	11.6471	9.1903	1.2673	1.2608	6.1289
-5.60	-3.9808	1.9939	12.6777	10.0871	1.2568	1.2474	6.0888
-5.40	-3.7823	1.9871	14.6624	11.8487	1.2375	1.2255	6.0247
-5.20	-3.5844	1.9773	17.9633	14.7707	1.2161	1.2001	5.9474
-5.00	-3.3876	1.9630	23.0386	19.2119	1.1992	1.1758	5.8654
-4.80	-3.1922	1.9422	30.3067	25.4894	1.1890	1.1558	5.7844
-4.60	-2.9988	1.9128	39.9545	33.6443	1.1876	1.1406	5.7026
-4.40	-2.8080	1.8727	51.7012	43.2768	1.1947	1.1298	5.6157
-4.20	-2.6203	1.8208	64.3084	53.3028	1.2065	1.1223	5.5191
-4.00	-2.4356	1.7575	75.8618	62.1441	1.2207	1.1175	5.4105
-3.80	-2.2539	1.6852	84.3798	68.3568	1.2344	1.1143	5.2905
-3.60	-2.0744	1.6074	88.4457	71.0412	1.2450	1.1123	5.1625
-3.40	-1.8962	1.5286	87.7403	70.2099	1.2497	1.1112	5.0317
-3.20	-1.7184	1.4524	83.0387	66.5116	1.2485	1.1108	4.9038
-3.00	-1.5401	1.3818	75.6295	60.8918	1.2420	1.1109	4.7834
-2.80	-1.3605	1.3184	66.8839	54.2733	1.2324	1.1116	4.6739
-2.60	-1.1791	1.2630	57.8691	47.3976	1.2209	1.1128	4.5770
-2.40	-0.9958	1.2155	49.3047	40.7798	1.2090	1.1146	4.4937
-2.20	-0.8103	1.1755	41.5919	34.7157	1.1981	1.1170	4.4239
-2.00	-0.6228	1.1422	34.8918	29.3568	1.1885	1.1201	4.3668
-1.80	-0.4333	1.1147	29.2175	24.7325	1.1813	1.1239	4.3215
-1.60	-0.2422	1.0923	24.4942	20.8236	1.1763	1.1287	4.2868

T= 5700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.40	-0.0495	1.0741	20.6074	17.5615	1.1734	1.1343	4.2615
-1.20	0.1445	1.0594	17.4413	14.8670	1.1732	1.1409	4.2444
-1.00	0.3396	1.0475	14.8757	12.6642	1.1746	1.1484	4.2344
-0.80	0.5357	1.0380	12.8100	10.8721	1.1782	1.1568	4.2307
-0.60	0.7325	1.0305	11.1501	9.4230	1.1833	1.1660	4.2321
-0.40	0.9300	1.0246	9.8195	8.2540	1.1897	1.1758	4.2376
-0.20	1.1281	1.0200	8.7566	7.3139	1.1972	1.1862	4.2468
0.0	1.3266	1.0166	7.9086	6.5611	1.2054	1.1968	4.2586
0.20	1.5257	1.0143	7.2309	5.9586	1.2135	1.2076	4.2729
0.40	1.7252	1.0132	6.6911	5.4771	1.2216	1.2186	4.2899
0.60	1.9252	1.0133	6.2600	5.0929	1.2292	1.2299	4.3098
0.80	2.1259	1.0150	5.9176	4.7861	1.2364	1.2416	4.3341
1.00	2.3276	1.0189	5.6447	4.5423	1.2427	1.2551	4.3659
1.20	2.5307	1.0261	5.4263	4.3479	1.2480	1.2706	4.4084
1.40	2.7358	1.0383	5.2506	4.1937	1.2520	1.2910	4.4699
1.60	2.9441	1.0583	5.1122	4.0719	1.2555	1.3184	4.5603
1.80	3.1571	1.0904	5.0036	3.9775	1.2580	1.3570	4.6963
2.00	3.3770	1.1417	4.9223	3.9055	1.2603	1.4123	4.9025
2.20	3.6070	1.2234	4.8680	3.8544	1.2630	1.4882	5.2093
2.40	3.8508	1.3530	0.0	3.8248	0.0	0.0	0.0

T= 5800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3659	2.0281	0.0	17.2957	0.0	0.0	0.0
-6.80	-5.1672	2.0221	17.4901	14.6897	1.1906	0.0	0.0
-6.60	-4.9682	2.0172	15.3073	12.6584	1.2093	1.2028	6.0664
-6.40	-4.7691	2.0131	13.6416	11.1188	1.2269	1.2221	6.1085
-6.20	-4.5699	2.0094	12.4895	10.0216	1.2463	1.2398	6.1471
-6.00	-4.3706	2.0060	11.7870	9.3549	1.2600	1.2533	6.1752
-5.80	-4.1714	2.0024	11.5823	9.1402	1.2672	1.2595	6.1847
-5.60	-3.9723	1.9982	11.9745	9.4653	1.2651	1.2557	6.1689
-5.40	-3.7735	1.9928	13.1126	10.4763	1.2516	1.2417	6.1262
-5.20	-3.5751	1.9853	15.2925	12.3969	1.2336	1.2200	6.0610
-5.00	-3.3775	1.9744	18.8616	15.5371	1.2140	1.1955	5.9833
-4.80	-3.1810	1.9585	24.2612	20.2464	1.1983	1.1723	5.9012
-4.60	-2.9861	1.9357	31.8809	26.7724	1.1908	1.1536	5.8197
-4.40	-2.7934	1.9036	41.7734	35.0820	1.1907	1.1396	5.7361
-4.20	-2.6033	1.8605	53.4394	44.5912	1.1984	1.1296	5.6459
-4.00	-2.4164	1.8055	65.5969	54.1290	1.2119	1.1228	5.5451
-3.80	-2.2325	1.7396	76.2261	62.1412	1.2267	1.1184	5.4321
-3.60	-2.0514	1.6654	83.4341	67.2879	1.2400	1.1155	5.3082
-3.40	-1.8724	1.5870	86.1187	68.9682	1.2487	1.1138	5.1777
-3.20	-1.6944	1.5085	84.3312	67.3554	1.2520	1.1129	5.0459
-3.00	-1.5166	1.4335	78.9644	63.1976	1.2495	1.1126	4.9184
-2.80	-1.3379	1.3646	71.3168	57.4242	1.2419	1.1129	4.7994
-2.60	-1.1579	1.3033	62.6845	50.8980	1.2316	1.1137	4.6919
-2.40	-0.9761	1.2499	54.0048	44.2725	1.2198	1.1150	4.5977
-2.20	-0.7922	1.2045	45.8919	37.9859	1.2081	1.1170	4.5173
-2.00	-0.6062	1.1663	38.6629	32.2885	1.1974	1.1196	4.4503
-1.80	-0.4181	1.1346	32.4324	27.2864	1.1885	1.1230	4.3960
-1.60	-0.2282	1.1085	27.1812	22.9973	1.1819	1.1272	4.3533
-1.40	-0.0366	1.0872	22.8255	19.3836	1.1776	1.1322	4.3209
-1.20	0.1564	1.0700	19.2491	16.3779	1.1753	1.1381	4.2977
-1.00	0.3507	1.0561	16.3452	13.9016	1.1758	1.1450	4.2825

T= 5800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.80	0.5461	1.0449	13.9930	11.8826	1.1776	1.1528	4.2744
-0.60	0.7424	1.0360	12.1012	10.2408	1.1817	1.1616	4.2722
-0.40	0.9394	1.0290	10.5818	8.9143	1.1871	1.1710	4.2750
-0.20	1.1371	1.0235	9.3667	7.8460	1.1938	1.1811	4.2820
0.0	1.3354	1.0194	8.3943	6.9874	1.2013	1.1917	4.2925
0.20	1.5342	1.0166	7.6200	6.2998	1.2096	1.2025	4.3059
0.40	1.7335	1.0149	7.0010	5.7495	1.2177	1.2137	4.3225
0.60	1.9333	1.0147	6.5056	5.3103	1.2251	1.2250	4.3419
0.80	2.1339	1.0161	6.1137	4.9596	1.2327	1.2374	4.3669
1.00	2.3355	1.0198	5.7997	4.6798	1.2393	1.2510	4.3988
1.20	2.5385	1.0268	5.5488	4.4568	1.2450	1.2673	4.4426
1.40	2.7436	1.0388	5.3486	4.2804	1.2496	1.2879	4.5046
1.60	2.9518	1.0586	5.1894	4.1401	1.2535	1.3158	4.5963
1.80	3.1647	1.0906	5.0647	4.0299	1.2568	1.3545	4.7334
2.00	3.3846	1.1418	4.9672	3.9464	1.2587	1.4096	4.9407
2.20	3.6145	1.2232	4.9024	3.8860	1.2616	1.4864	5.2512
2.40	3.8582	1.3525	0.0	3.8482	0.0	0.0	0.0

T= 5900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3567	2.0364	0.0	20.5638	0.0	0.0	0.0
-6.80	-5.1583	2.0288	20.3170	17.2834	1.1755	0.0	0.0
-6.60	-4.9596	2.0227	17.5072	14.6936	1.1915	1.1841	6.0787
-6.40	-4.7607	2.0176	15.3384	12.6859	1.2091	1.2028	6.1190
-6.20	-4.5616	2.0133	13.7117	11.1730	1.2272	1.2215	6.1599
-6.00	-4.3625	2.0095	12.5735	10.1118	1.2434	1.2386	6.1968
-5.80	-4.1632	2.0059	11.9369	9.4926	1.2575	1.2510	6.2221
-5.60	-3.9641	2.0020	11.7991	9.3427	1.2629	1.2558	6.2281
-5.40	-3.7651	1.9974	12.3010	9.7675	1.2594	1.2509	6.2087
-5.20	-3.5664	1.9913	13.6278	10.9221	1.2477	1.2360	6.1622
-5.00	-3.3682	1.9829	16.0324	13.0463	1.2289	1.2144	6.0952
-4.80	-3.1709	1.9707	19.9269	16.4485	1.2115	1.1906	6.0168
-4.60	-2.9748	1.9531	25.7151	21.4601	1.1983	1.1688	5.9345
-4.40	-2.7805	1.9278	33.7157	28.2681	1.1927	1.1514	5.8520
-4.20	-2.5885	1.8927	43.8761	36.7271	1.1946	1.1386	5.7661
-4.00	-2.3993	1.8462	55.4633	46.0607	1.2041	1.1295	5.6720
-3.80	-2.2132	1.7879	67.0050	55.0200	1.2178	1.1233	5.5666
-3.60	-2.0302	1.7192	76.5339	62.0829	1.2328	1.1193	5.4489
-3.40	-1.8498	1.6434	82.3148	66.1299	1.2447	1.1168	5.3213
-3.20	-1.6712	1.5646	83.6366	66.7829	1.2524	1.1153	5.1886
-3.00	-1.4933	1.4867	80.7861	64.4312	1.2538	1.1145	5.0562
-2.80	-1.3153	1.4133	74.8105	59.8604	1.2497	1.1144	4.9295
-2.60	-1.1364	1.3464	67.0011	53.9812	1.2412	1.1148	4.8124
-2.40	-0.9559	1.2873	58.5376	47.5762	1.2304	1.1158	4.7077
-2.20	-0.7734	1.2363	50.2286	41.2174	1.2186	1.1174	4.6166
-2.00	-0.5889	1.1929	42.5828	35.2721	1.2073	1.1196	4.5395
-1.80	-0.4023	1.1566	35.8377	29.9385	1.1970	1.1226	4.4758
-1.60	-0.2138	1.1266	30.0635	25.2910	1.1887	1.1262	4.4244
-1.40	-0.0234	1.1020	25.2254	21.3281	1.1827	1.1306	4.3844
-1.20	0.1687	1.0820	21.2234	18.0053	1.1787	1.1359	4.3545
-1.00	0.3621	1.0658	17.9547	15.2481	1.1775	1.1423	4.3338
-0.80	0.5568	1.0527	15.2947	12.9822	1.1781	1.1495	4.3209
-0.60	0.7524	1.0423	13.1516	11.1365	1.1809	1.1576	4.3145
-0.40	0.9490	1.0340	11.4257	9.6378	1.1855	1.1666	4.3141

T= 5900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.20	1.1463	1.0276	10.0432	8.4301	1.1914	1.1763	4.3184
0.0	1.3442	1.0226	8.9338	7.4574	1.1980	1.1868	4.3272
0.20	1.5427	1.0191	8.0498	6.6766	1.2057	1.1976	4.3394
0.40	1.7418	1.0170	7.3431	6.0507	1.2136	1.2088	4.3550
0.60	1.9415	1.0163	6.7804	5.5511	1.2214	1.2204	4.3745
0.80	2.1419	1.0173	6.3293	5.1515	1.2286	1.2330	4.3993
1.00	2.3434	1.0208	5.9724	4.8326	1.2359	1.2470	4.4316
1.20	2.5463	1.0276	5.6855	4.5790	1.2416	1.2636	4.4757
1.40	2.7512	1.0394	5.4588	4.3763	1.2474	1.2847	4.5389
1.60	2.9594	1.0590	5.2753	4.2164	1.2511	1.3129	4.6317
1.80	3.1722	1.0909	5.1305	4.0904	1.2543	1.3521	4.7703
2.00	3.3920	1.1418	5.0198	3.9931	1.2571	1.4076	4.9796
2.20	3.6219	1.2230	4.9428	3.9212	1.2605	1.4841	5.2919
2.40	3.8654	1.3520	0.0	3.8748	0.0	0.0	0.0

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3472	2.0468	0.0	24.5029	0.0	0.0	0.0
-6.80	-5.1492	2.0371	23.7561	20.4333	1.1626	0.0	0.0
-6.60	-4.9509	2.0294	20.2418	17.2012	1.1768	1.1676	6.0973
-6.40	-4.7522	2.0230	17.4703	14.6524	1.1923	1.1851	6.1332
-6.20	-4.5534	2.0178	15.3440	12.6809	1.2100	1.2037	6.1732
-6.00	-4.3543	2.0134	13.7607	11.2102	1.2275	1.2220	6.2131
-5.80	-4.1552	2.0094	12.6836	10.1975	1.2438	1.2382	6.2479
-5.60	-3.9560	2.0055	12.0921	9.6400	1.2544	1.2494	6.2702
-5.40	-3.7569	2.0013	12.0663	9.5806	1.2594	1.2527	6.2718
-5.20	-3.5580	1.9962	12.6995	10.1268	1.2540	1.2461	6.2474
-5.00	-3.3595	1.9895	14.2295	11.4573	1.2420	1.2302	6.1968
-4.80	-3.1616	1.9800	16.9255	13.8174	1.2249	1.2086	6.1275
-4.60	-2.9646	1.9663	21.1835	17.5234	1.2089	1.1858	6.0484
-4.40	-2.7690	1.9464	27.3923	22.8718	1.1976	1.1653	5.9656
-4.20	-2.5753	1.9183	35.7982	29.9479	1.1954	1.1493	5.8815
-4.00	-2.3841	1.8798	46.1610	38.4840	1.1995	1.1376	5.7926
-3.80	-2.1959	1.8296	57.5322	47.5454	1.2100	1.1295	5.6942
-3.60	-2.0108	1.7679	68.3177	55.7595	1.2252	1.1240	5.5836
-3.40	-1.8287	1.6966	76.5628	61.7719	1.2394	1.1204	5.4612
-3.20	-1.6489	1.6194	80.8203	64.6643	1.2498	1.1182	5.3301
-3.00	-1.4706	1.5404	80.7628	64.3223	1.2556	1.1169	5.1955
-2.80	-1.2928	1.4636	76.9277	61.2889	1.2552	1.1163	5.0631
-2.60	-1.1146	1.3920	70.4585	56.3786	1.2497	1.1164	4.9378
-2.40	-0.9352	1.3274	62.5794	50.4615	1.2401	1.1170	4.8233
-2.20	-0.7542	1.2708	54.3462	44.2271	1.2298	1.1182	4.7219
-2.00	-0.5711	1.2222	46.4521	38.1654	1.2171	1.1200	4.6343
-1.80	-0.3860	1.1811	39.2959	32.5825	1.2060	1.1224	4.5607
-1.60	-0.1987	1.1468	33.0490	27.6221	1.1965	1.1256	4.5004
-1.40	-0.0096	1.1186	27.7380	23.3342	1.1887	1.1295	4.4523
-1.20	0.1813	1.0954	23.3087	19.6984	1.1833	1.1343	4.4155
-1.00	0.3738	1.0767	19.6641	16.6568	1.1805	1.1401	4.3885
-0.80	0.5677	1.0615	16.6896	14.1448	1.1799	1.1467	4.3702
-0.60	0.7627	1.0494	14.2771	12.0865	1.1812	1.1543	4.3594
-0.40	0.9586	1.0397	12.3314	10.4111	1.1844	1.1627	4.3552
-0.20	1.1555	1.0321	10.7691	9.0545	1.1894	1.1721	4.3566
0.0	1.3530	1.0263	9.5174	7.9603	1.1956	1.1821	4.3629
0.20	1.5512	1.0220	8.5151	7.0807	1.2026	1.1929	4.3737

T= 6000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.40	1.7500	1.0193	7.7154	6.3752	1.2102	1.2039	4.3879
0.60	1.9495	1.0181	7.0768	5.8101	1.2180	1.2158	4.4071
0.80	2.1498	1.0188	6.5670	5.3583	1.2256	1.2287	4.4319
1.00	2.3512	1.0219	6.1592	4.9975	1.2325	1.2432	4.4647
1.20	2.5539	1.0284	5.8345	4.7102	1.2387	1.2600	4.5091
1.40	2.7588	1.0401	5.5752	4.4803	1.2444	1.2814	4.5728
1.60	2.9669	1.0595	5.3692	4.2981	1.2492	1.3099	4.6665
1.80	3.1796	1.0912	5.2032	4.1551	1.2522	1.3496	4.8068
2.00	3.3994	1.1419	5.0772	4.0437	1.2556	1.4054	5.0179
2.20	3.6291	1.2229	4.9853	3.9605	1.2588	1.4820	5.3324
2.40	3.8726	1.3516	0.0	3.9038	0.0	0.0	0.0

T= 6100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3373	2.0595	0.0	29.1667	0.0	0.0	0.0
-6.80	-5.1399	2.0473	27.8772	24.1840	1.1527	0.0	0.0
-6.60	-4.9420	2.0375	23.5247	20.2027	1.1644	1.1536	6.1232
-6.40	-4.7436	2.0297	20.0815	17.0360	1.1788	1.1694	6.1532
-6.20	-4.5450	2.0232	17.3799	14.5528	1.1943	1.1868	6.1888
-6.00	-4.3462	2.0179	15.3117	12.6378	1.2116	1.2049	6.2278
-5.80	-4.1471	2.0133	13.7860	11.2256	1.2281	1.2227	6.2665
-5.60	-3.9480	2.0092	12.7794	10.2734	1.2439	1.2379	6.2987
-5.40	-3.7489	2.0050	12.2908	9.7976	1.2545	1.2477	6.3171
-5.20	-3.5499	2.0004	12.3726	9.8476	1.2564	1.2493	6.3140
-5.00	-3.3512	1.9947	13.1848	10.5453	1.2503	1.2411	6.2841
-4.80	-3.1528	1.9871	14.9448	12.0847	1.2367	1.2242	6.2292
-4.60	-2.9552	1.9763	17.9667	14.7270	1.2200	1.2026	6.1573
-4.40	-2.7586	1.9607	22.6439	18.7830	1.2056	1.1809	6.0774
-4.20	-2.5636	1.9384	29.3443	24.4833	1.1985	1.1619	5.9938
-4.00	-2.3707	1.9070	38.1463	31.8396	1.1981	1.1473	5.9076
-3.80	-2.1805	1.8647	48.6126	40.3511	1.2047	1.1368	5.8148
-3.60	-1.9933	1.8105	59.6299	48.9871	1.2173	1.1295	5.7114
-3.40	-1.8092	1.7453	69.4244	56.3531	1.2320	1.1247	5.5955
-3.20	-1.6279	1.6716	76.2417	61.2025	1.2457	1.1215	5.4685
-3.00	-1.4488	1.5933	78.9697	62.9408	1.2547	1.1195	5.3342
-2.80	-1.2708	1.5146	77.5924	61.6657	1.2583	1.1185	5.1984
-2.60	-1.0929	1.4392	72.8809	58.0260	1.2560	1.1182	5.0666
-2.40	-0.9144	1.3698	66.0151	52.8605	1.2489	1.1184	4.9434
-2.20	-0.7345	1.3078	58.1724	46.9628	1.2387	1.1193	4.8321
-2.00	-0.5528	1.2538	50.2361	40.9424	1.2270	1.1207	4.7344
-1.80	-0.3691	1.2078	42.7876	35.2048	1.2154	1.1227	4.6508
-1.60	-0.1832	1.1690	36.1330	29.9913	1.2048	1.1254	4.5810
-1.40	0.0046	1.1369	30.3781	25.4072	1.1956	1.1289	4.5245
-1.20	0.1944	1.1104	25.5253	21.4645	1.1892	1.1331	4.4800
-1.00	0.3859	1.0888	21.4904	18.1445	1.1844	1.1383	4.4464
-0.80	0.5789	1.0713	18.1850	15.3824	1.1822	1.1444	4.4223
-0.60	0.7731	1.0573	15.4898	13.1022	1.1822	1.1514	4.4066
-0.40	0.9685	1.0460	13.3146	11.2405	1.1845	1.1594	4.3984
-0.20	1.1648	1.0372	11.5605	9.7286	1.1883	1.1683	4.3965
0.0	1.3619	1.0304	10.1517	8.5053	1.1936	1.1779	4.4000
0.20	1.5598	1.0253	9.0242	7.5197	1.2001	1.1884	4.4086
0.40	1.7583	1.0219	8.1217	6.7280	1.2072	1.1995	4.4218
0.60	1.9576	1.0202	7.4000	6.0933	1.2145	1.2114	4.4401
0.80	2.1577	1.0204	6.8263	5.5854	1.2222	1.2245	4.4645

T= 6100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.00	2.3589	1.0232	6.3661	5.1788	1.2293	1.2390	4.4968
1.20	2.5615	1.0295	6.0004	4.8543	1.2361	1.2565	4.5424
1.40	2.7663	1.0409	5.7054	4.5962	1.2413	1.2780	4.6063
1.60	2.9743	1.0601	5.4723	4.3905	1.2464	1.3069	4.7010
1.80	3.1870	1.0915	5.2861	4.2275	1.2504	1.3467	4.8424
2.00	3.4066	1.1421	5.1395	4.1005	1.2534	1.4026	5.0549
2.20	3.6363	1.2228	5.0367	4.0049	1.2576	1.4793	5.3717
2.40	3.8796	1.3512	0.0	3.9378	0.0	0.0	0.0

T= 6200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3270	2.0750	0.0	34.5778	0.0	0.0	0.0
-6.80	-5.1302	2.0598	32.7121	28.5561	1.1455	1.1295	6.1417
-6.60	-4.9328	2.0475	27.3772	23.7153	1.1544	1.1417	6.1563
-6.40	-4.7349	2.0377	23.1503	19.8392	1.1669	1.1558	6.1792
-6.20	-4.5366	2.0297	19.7987	16.7678	1.1808	1.1716	6.2092
-6.00	-4.3380	2.0232	17.1865	14.3669	1.1963	1.1889	6.2448
-5.80	-4.1391	2.0178	15.1952	12.5257	1.2131	1.2065	6.2826
-5.60	-3.9401	2.0131	13.7581	11.1879	1.2297	1.2236	6.3194
-5.40	-3.7411	2.0087	12.8469	10.3252	1.2442	1.2378	6.3491
-5.20	-3.5420	2.0043	12.4700	9.9484	1.2535	1.2459	6.3628
-5.00	-3.3431	1.9992	12.7096	10.1364	1.2538	1.2454	6.3536
-4.80	-3.1445	1.9928	13.7320	11.0236	1.2457	1.2354	6.3179
-4.60	-2.9464	1.9841	15.8007	12.8173	1.2328	1.2177	6.2586
-4.40	-2.7491	1.9718	19.2171	15.7949	1.2167	1.1963	6.1842
-4.20	-2.5531	1.9540	24.3848	20.2417	1.2047	1.1757	6.1031
-4.00	-2.3587	1.9287	31.5704	26.3325	1.1989	1.1584	6.0184
-3.80	-2.1667	1.8936	40.7794	33.9093	1.2026	1.1452	5.9295
-3.60	-1.9775	1.8471	51.2664	42.3376	1.2109	1.1359	5.8323
-3.40	-1.7914	1.7888	61.7368	50.4204	1.2244	1.1295	5.7233
-3.20	-1.6084	1.7202	70.4095	56.8020	1.2396	1.1253	5.6020
-3.00	-1.4280	1.6444	75.6745	60.4643	1.2516	1.1225	5.4706
-2.80	-1.2494	1.5654	76.8592	61.0616	1.2587	1.1209	5.3338
-2.60	-1.0715	1.4876	74.2431	58.9188	1.2601	1.1201	5.1976
-2.40	-0.8935	1.4140	68.8010	54.7696	1.2562	1.1200	5.0672
-2.20	-0.7146	1.3471	61.6555	49.4251	1.2475	1.1204	4.9468
-2.00	-0.5341	1.2879	53.9195	43.6004	1.2367	1.1215	4.8391
-1.80	-0.3517	1.2368	46.3199	37.8193	1.2248	1.1231	4.7455
-1.60	-0.1672	1.1933	39.3305	32.4156	1.2133	1.1254	4.6662
-1.40	0.0193	1.1570	33.1709	27.5654	1.2034	1.1284	4.6008
-1.20	0.2079	1.1270	27.8968	23.3398	1.1952	1.1323	4.5484
-1.00	0.3983	1.1023	23.4728	19.7374	1.1893	1.1369	4.5076
-0.80	0.5903	1.0823	19.8091	16.7114	1.1854	1.1424	4.4773
-0.60	0.7838	1.0661	16.8165	14.2038	1.1839	1.1489	4.4563
-0.40	0.9785	1.0532	14.3897	12.1444	1.1849	1.1564	4.4436
-0.20	1.1742	1.0429	12.4300	10.4651	1.1878	1.1647	4.4377
0.0	1.3709	1.0349	10.8503	9.1027	1.1920	1.1740	4.4384
0.20	1.5684	1.0289	9.5854	8.0026	1.1978	1.1842	4.4447
0.40	1.7666	1.0248	8.5713	7.1172	1.2043	1.1953	4.4564
0.60	1.9657	1.0225	7.7614	6.4067	1.2115	1.2072	4.4736
0.80	2.1656	1.0223	7.1137	5.8376	1.2186	1.2202	4.4971
1.00	2.3666	1.0247	6.5973	5.3818	1.2259	1.2348	4.5292
1.20	2.5691	1.0306	6.1846	5.0169	1.2328	1.2524	4.5745
1.40	2.7737	1.0417	5.8546	4.7264	1.2387	1.2744	4.6395

T= 6200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.60	2.9816	1.0608	5.5892	4.4951	1.2434	1.3034	4.7345
1.80	3.1942	1.0920	5.3793	4.3107	1.2479	1.3437	4.8773
2.00	3.4138	1.1423	5.2136	4.1667	1.2512	1.3996	5.0912
2.20	3.6433	1.2228	5.0917	4.0567	1.2551	1.4765	5.4103
2.40	3.8866	1.3508	0.0	3.9789	0.0	0.0	0.0

T= 6300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3161	2.0938	0.0	40.8453	0.0	0.0	0.0
-6.80	-5.1201	2.0748	38.3711	33.6184	1.1414	0.0	0.0
-6.60	-4.9233	2.0596	31.9285	27.8077	1.1482	1.1318	6.1970
-6.40	-4.7259	2.0473	26.7707	23.1258	1.1576	1.1442	6.2123
-6.20	-4.5280	2.0375	22.6790	19.3942	1.1694	1.1583	6.2355
-6.00	-4.3297	2.0295	19.4519	16.4358	1.1835	1.1743	6.2660
-5.80	-4.1311	2.0230	16.9485	14.1343	1.1991	1.1914	6.3013
-5.60	-3.9322	2.0175	15.0553	12.3856	1.2156	1.2088	6.3385
-5.40	-3.7333	2.0126	13.7080	11.1384	1.2307	1.2250	6.3731
-5.20	-3.5343	2.0080	12.9012	10.3745	1.2435	1.2376	6.3987
-5.00	-3.3353	2.0032	12.6709	10.1243	1.2515	1.2438	6.4069
-4.80	-3.1365	1.9976	13.0957	10.4784	1.2498	1.2413	6.3914
-4.60	-2.9381	1.9904	14.3816	11.5915	1.2407	1.2295	6.3494
-4.40	-2.7403	1.9804	16.7885	13.6819	1.2271	1.2110	6.2857
-4.20	-2.5434	1.9662	20.6685	17.0336	1.2134	1.1901	6.2088
-4.00	-2.3480	1.9458	26.3792	21.9020	1.2044	1.1709	6.1264
-3.80	-2.1544	1.9170	34.0894	28.3755	1.2014	1.1551	6.0398
-3.60	-1.9634	1.8778	43.5807	36.1150	1.2067	1.1433	5.9472
-3.40	-1.7754	1.8268	53.9483	44.2995	1.2178	1.1351	5.8449
-3.20	-1.5905	1.7644	63.6355	51.6601	1.2318	1.1296	5.7301
-3.00	-1.4085	1.6926	70.9615	56.9387	1.2463	1.1259	5.6032
-2.80	-1.2288	1.6152	74.6147	59.3650	1.2569	1.1236	5.4679
-2.60	-1.0506	1.5362	74.2975	58.8768	1.2619	1.1223	5.3294
-2.40	-0.8728	1.4596	70.5931	55.9755	1.2611	1.1218	5.1936
-2.20	-0.6946	1.3883	64.5496	51.4179	1.2554	1.1219	5.0654
-2.00	-0.5151	1.3241	57.2796	45.9879	1.2455	1.1225	4.9484
-1.80	-0.3340	1.2679	49.7396	40.3019	1.2342	1.1238	4.8451
-1.60	-0.1508	1.2197	42.5368	34.7990	1.2224	1.1257	4.7561
-1.40	0.0345	1.1790	36.0338	29.7401	1.2116	1.1283	4.6815
-1.20	0.2218	1.1452	30.3640	25.2600	1.2021	1.1316	4.6206
-1.00	0.4111	1.1172	25.5505	21.3897	1.1945	1.1358	4.5723
-0.80	0.6021	1.0944	21.5375	18.1058	1.1895	1.1408	4.5353
-0.60	0.7947	1.0760	18.2397	15.3662	1.1870	1.1468	4.5087
-0.40	0.9887	1.0611	15.5429	13.1034	1.1862	1.1538	4.4910
-0.20	1.1838	1.0493	13.3619	11.2503	1.1877	1.1616	4.4811
0.0	1.3800	1.0400	11.6048	9.7416	1.1913	1.1706	4.4785
0.20	1.5771	1.0330	10.1902	8.5211	1.1959	1.1803	4.4819
0.40	1.7750	1.0281	9.0575	7.5362	1.2019	1.1910	4.4914
0.60	1.9737	1.0251	8.1519	6.7444	1.2087	1.2028	4.5070
0.80	2.1734	1.0244	7.4265	6.1091	1.2157	1.2160	4.5299
1.00	2.3742	1.0263	6.8475	5.6002	1.2227	1.2308	4.5619
1.20	2.5766	1.0319	6.3831	5.1932	1.2291	1.2484	4.6069
1.40	2.7811	1.0427	6.0146	4.8675	1.2357	1.2706	4.6719
1.60	2.9889	1.0615	5.7192	4.6075	1.2413	1.3001	4.7682
1.80	3.2014	1.0925	5.4821	4.4017	1.2454	1.3405	4.9118
2.00	3.4208	1.1426	5.2977	4.2389	1.2498	1.3968	5.1276

T= 6300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.20	3.6503	1.2228	5.1571	4.1144	1.2534	1.4738	5.4487
2.40	3.8934	1.3505	0.0	4.0232	0.0	0.0	0.0

T= 6400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.3047	2.1162	0.0	48.0144	0.0	0.0	0.0
-6.80	-5.1095	2.0929	45.0413	39.4777	1.1409	1.1146	6.2481
-6.60	-4.9134	2.0741	37.2215	32.5439	1.1437	1.1237	6.2453
-6.40	-4.7166	2.0590	31.0176	26.9524	1.1508	1.1345	6.2524
-6.20	-4.5191	2.0468	26.0658	22.4557	1.1608	1.1471	6.2685
-6.00	-4.3212	2.0370	22.1389	18.8793	1.1727	1.1614	6.2924
-5.80	-4.1229	2.0291	19.0513	16.0545	1.1867	1.1774	6.3232
-5.60	-3.9243	2.0226	16.6696	13.8619	1.2025	1.1944	6.3584
-5.40	-3.7255	2.0170	14.8815	12.2198	1.2178	1.2112	6.3943
-5.20	-3.5266	2.0120	13.6635	11.0794	1.2332	1.2264	6.4262
-5.00	-3.3276	2.0071	12.9822	10.4384	1.2437	1.2375	6.4474
-4.80	-3.1288	2.0019	12.9266	10.3395	1.2502	1.2415	6.4494
-4.60	-2.9301	1.9956	13.5692	10.8896	1.2461	1.2365	6.4263
-4.40	-2.7319	1.9874	15.1627	12.2672	1.2360	1.2231	6.3781
-4.20	-2.5345	1.9758	17.9814	14.7058	1.2227	1.2041	6.3100
-4.00	-2.3381	1.9594	22.3787	18.4783	1.2111	1.1840	6.2310
-3.80	-2.1433	1.9359	28.6562	23.7924	1.2044	1.1662	6.1468
-3.60	-1.9507	1.9032	36.8804	30.5993	1.2053	1.1521	6.0576
-3.40	-1.7608	1.8594	46.5368	38.3886	1.2123	1.1417	5.9607
-3.20	-1.5740	1.8038	56.5456	46.1521	1.2252	1.1346	5.8524
-3.00	-1.3903	1.7373	65.2302	52.6105	1.2399	1.1297	5.7314
-2.80	-1.2094	1.6628	71.0412	56.6895	1.2532	1.1266	5.5993
-2.60	-1.0304	1.5842	73.0481	57.9022	1.2616	1.1247	5.4608
-2.40	-0.8525	1.5057	71.3357	56.4248	1.2643	1.1237	5.3215
-2.20	-0.6746	1.4309	66.7036	52.8787	1.2614	1.1234	5.1869
-2.00	-0.4960	1.3623	60.2326	48.0332	1.2540	1.1238	5.0617
-1.80	-0.3159	1.3012	52.9605	42.6006	1.2432	1.1247	4.9489
-1.60	-0.1339	1.2481	45.6980	37.1073	1.2315	1.1263	4.8504
-1.40	0.0500	1.2030	38.9302	31.9104	1.2200	1.1285	4.7665
-1.20	0.2361	1.1650	32.9097	27.2133	1.2093	1.1314	4.6967
-1.00	0.4242	1.1336	27.7288	23.0913	1.2008	1.1350	4.6405
-0.80	0.6142	1.1078	23.3672	19.5597	1.1947	1.1396	4.5965
-0.60	0.8059	1.0868	19.7464	16.5892	1.1903	1.1451	4.5637
-0.40	0.9991	1.0699	16.7815	14.1187	1.1886	1.1514	4.5406
-0.20	1.1936	1.0564	14.3635	12.0850	1.1885	1.1589	4.5263
0.0	1.3892	1.0457	12.4148	10.4245	1.1909	1.1673	4.5199
0.20	1.5858	1.0376	10.8467	9.0767	1.1950	1.1767	4.5203
0.40	1.7833	1.0317	9.5847	7.9864	1.2001	1.1871	4.5274
0.60	1.9818	1.0280	8.5738	7.1078	1.2063	1.1987	4.5413
0.80	2.1812	1.0267	7.7648	6.4022	1.2128	1.2116	4.5628
1.00	2.3818	1.0281	7.1189	5.8359	1.2198	1.2266	4.5942
1.20	2.5840	1.0333	6.6015	5.3827	1.2264	1.2443	4.6389
1.40	2.7884	1.0439	6.1862	5.0199	1.2323	1.2669	4.7044
1.60	2.9960	1.0623	5.8553	4.7299	1.2379	1.2965	4.8010
1.80	3.2084	1.0931	5.5928	4.4998	1.2429	1.3367	4.9450
2.00	3.4278	1.1429	5.3844	4.3176	1.2471	1.3933	5.1625
2.20	3.6572	1.2229	5.2260	4.1761	1.2514	1.4706	5.4860
2.40	3.9002	1.3502	0.0	4.0723	0.0	0.0	0.0

T= 6500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2925	2.1429	0.0	56.1252	0.0	0.0	0.0
-6.80	-5.0983	2.1144	52.5662	46.1297	1.1395	1.1093	6.3141
-6.60	-4.9031	2.0914	43.3369	37.9699	1.1413	1.1171	6.3017
-6.40	-4.7069	2.0728	35.9136	31.3498	1.1456	1.1265	6.2999
-6.20	-4.5100	2.0580	29.9984	26.0061	1.1535	1.1375	6.3079
-6.00	-4.3126	2.0460	25.2689	21.7184	1.1635	1.1504	6.3250
-5.80	-4.1146	2.0363	21.5248	18.3105	1.1755	1.1648	6.3497
-5.60	-3.9163	2.0285	18.5984	15.6303	1.1899	1.1808	6.3805
-5.40	-3.7177	2.0219	16.3630	13.5672	1.2061	1.1976	6.4156
-5.20	-3.5189	2.0163	14.7074	12.0414	1.2214	1.2139	6.4501
-5.00	-3.3200	2.0111	13.6268	11.0292	1.2355	1.2280	6.4789
-4.80	-3.1212	2.0060	13.0996	10.5285	1.2442	1.2370	6.4945
-4.60	-2.9224	2.0002	13.2434	10.6086	1.2484	1.2386	6.4893
-4.40	-2.7239	1.9931	14.1667	11.3930	1.2435	1.2312	6.4585
-4.20	-2.5260	1.9836	16.1061	13.0730	1.2320	1.2162	6.4036
-4.00	-2.3290	1.9702	19.3835	15.9134	1.2181	1.1971	6.3315
-3.80	-2.1332	1.9510	24.3562	20.1530	1.2086	1.1780	6.2503
-3.60	-1.9393	1.9240	31.2437	25.9087	1.2059	1.1619	6.1643
-3.40	-1.7477	1.8868	39.8758	32.9706	1.2094	1.1494	6.0714
-3.20	-1.5591	1.8382	49.5676	40.6645	1.2189	1.1403	5.9689
-3.00	-1.3736	1.7778	58.9454	47.8218	1.2326	1.1341	5.8543
-2.80	-1.1911	1.7076	66.4070	53.2222	1.2477	1.1301	5.7272
-2.60	-1.0111	1.6309	70.5727	56.0474	1.2592	1.1274	5.5905
-2.40	-0.8326	1.5519	70.9709	56.0899	1.2653	1.1259	5.4497
-2.20	-0.6548	1.4745	68.0014	53.7364	1.2655	1.1252	5.3104
-2.00	-0.4767	1.4020	62.6310	49.6779	1.2607	1.1252	5.1782
-1.80	-0.2976	1.3363	55.9032	44.6601	1.2517	1.1258	5.0567
-1.60	-0.1168	1.2785	48.7420	39.3058	1.2401	1.1269	4.9486
-1.40	0.0660	1.2287	41.8285	34.0531	1.2283	1.1288	4.8554
-1.20	0.2508	1.1866	35.5303	29.1891	1.2172	1.1313	4.7768
-1.00	0.4378	1.1515	30.0042	24.8500	1.2074	1.1345	4.7122
-0.80	0.6267	1.1225	25.2947	21.0800	1.1999	1.1387	4.6609
-0.60	0.8174	1.0987	21.3570	17.8821	1.1943	1.1436	4.6214
-0.40	1.0098	1.0796	18.1036	15.1993	1.1911	1.1494	4.5926
-0.20	1.2035	1.0642	15.4542	12.9830	1.1903	1.1564	4.5735
0.0	1.3985	1.0520	13.2964	11.1630	1.1911	1.1643	4.5627
0.20	1.5946	1.0426	11.5572	9.6806	1.1939	1.1733	4.5599
0.40	1.7918	1.0357	10.1620	8.4793	1.1984	1.1834	4.5644
0.60	1.9899	1.0312	9.0411	7.5100	1.2039	1.1948	4.5765
0.80	2.1890	1.0292	8.1415	6.7294	1.2098	1.2076	4.5963
1.00	2.3894	1.0302	7.4245	6.1020	1.2167	1.2223	4.6263
1.20	2.5914	1.0350	6.8502	5.5993	1.2234	1.2401	4.6707
1.40	2.7957	1.0451	6.3894	5.1969	1.2295	1.2627	4.7362
1.60	3.0032	1.0633	6.0192	4.8750	1.2347	1.2923	4.8328
1.80	3.2154	1.0938	5.7234	4.6177	1.2394	1.3329	4.9779
2.00	3.4347	1.1434	5.4894	4.4149	1.2434	1.3894	5.1964
2.20	3.6639	1.2230	5.3134	4.2562	1.2484	1.4667	5.5218
2.40	3.9068	1.3500	0.0	4.1380	0.0	0.0	0.0

T= 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2795	2.1744	0.0	65.1675	0.0	0.0	0.0
-6.80	-5.0865	2.1398	61.1672	53.6145	1.1409	1.1051	6.3884
-6.60	-4.8922	2.1119	50.3408	44.1086	1.1413	1.1118	6.3659

T= 6600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.40	-4.6968	2.0893	41.5830	36.3490	1.1440	1.1200	6.3549
-6.20	-4.5006	2.0712	34.5276	30.0540	1.1489	1.1296	6.3544
-6.00	-4.3037	2.0566	28.8957	24.9846	1.1565	1.1409	6.3636
-5.80	-4.1062	2.0449	24.4021	20.9160	1.1667	1.1539	6.3816
-5.60	-3.9082	2.0354	20.8587	17.6949	1.1788	1.1686	6.4071
-5.40	-3.7099	2.0276	18.1056	15.1755	1.1931	1.1846	6.4385
-5.20	-3.5113	2.0211	16.0132	13.2517	1.2084	1.2012	6.4729
-5.00	-3.3125	2.0154	14.5282	11.8664	1.2243	1.2168	6.5056
-4.80	-3.1137	2.0100	13.6005	10.9926	1.2372	1.2293	6.5304
-4.60	-2.9149	2.0045	13.2609	10.6607	1.2439	1.2363	6.5398
-4.40	-2.7162	1.9981	13.6267	10.9491	1.2445	1.2351	6.5263
-4.20	-2.5180	1.9899	14.8713	12.0108	1.2382	1.2255	6.4875
-4.00	-2.3204	1.9788	17.2391	14.0469	1.2273	1.2093	6.4267
-3.80	-2.1239	1.9631	21.0618	17.3317	1.2152	1.1904	6.3509
-3.60	-1.9289	1.9408	26.6397	22.0532	1.2080	1.1726	6.2670
-3.40	-1.7359	1.9096	34.0945	28.2126	1.2085	1.1579	6.1777
-3.20	-1.5456	1.8677	43.0395	35.4242	1.2150	1.1470	6.0805
-3.00	-1.3582	1.8139	52.5179	42.8023	1.2270	1.1392	5.9720
-2.80	-1.1741	1.7490	61.0076	49.1513	1.2412	1.1339	5.8505
-2.60	-0.9927	1.6755	67.0109	53.3885	1.2552	1.1306	5.7177
-2.40	-0.8135	1.5972	69.4922	54.9562	1.2645	1.1284	5.5773
-2.20	-0.6355	1.5184	68.3761	53.9191	1.2681	1.1272	5.4350
-2.00	-0.4576	1.4428	64.3457	50.8328	1.2658	1.1268	5.2969
-1.80	-0.2792	1.3730	58.4257	46.4019	1.2591	1.1270	5.1677
-1.60	-0.0994	1.3106	51.5959	41.3140	1.2489	1.1279	5.0510
-1.40	0.0822	1.2563	44.6717	36.1074	1.2372	1.1293	4.9484
-1.20	0.2659	1.2098	38.1626	31.1414	1.2255	1.1314	4.8606
-1.00	0.4516	1.1708	32.3354	26.6171	1.2148	1.1344	4.7877
-0.80	0.6394	1.1384	27.2935	22.6376	1.2057	1.1379	4.7285
-0.60	0.8292	1.1118	23.0402	19.2155	1.1990	1.1424	4.6821
-0.40	1.0206	1.0902	19.5049	16.3276	1.1946	1.1479	4.6473
-0.20	1.2136	1.0728	16.6007	13.9234	1.1923	1.1543	4.6229
0.0	1.4080	1.0589	14.2344	11.9414	1.1920	1.1618	4.6079
0.20	1.6036	1.0482	12.3180	10.3208	1.1935	1.1703	4.6012
0.40	1.8003	1.0402	10.7753	9.0027	1.1969	1.1799	4.6025
0.60	1.9980	1.0348	9.5393	7.9363	1.2020	1.1909	4.6119
0.80	2.1969	1.0321	8.5458	7.0765	1.2076	1.2034	4.6300
1.00	2.3970	1.0325	7.7503	6.3855	1.2137	1.2183	4.6593
1.20	2.5988	1.0367	7.1127	5.8298	1.2201	1.2362	4.7031
1.40	2.8029	1.0465	6.6038	5.3851	1.2263	1.2586	4.7678
1.60	3.0102	1.0644	6.1924	5.0284	1.2315	1.2886	4.8653
1.80	3.2224	1.0946	5.8633	4.7437	1.2360	1.3293	5.0112
2.00	3.4415	1.1439	5.6043	4.5168	1.2408	1.3859	5.2308
2.20	3.6706	1.2232	5.4065	4.3402	1.2457	1.4632	5.5578
2.40	3.9134	1.3498	0.0	4.2062	0.0	0.0	0.0

T= 6700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2657	2.2111	0.0	75.1479	0.0	0.0	0.0
-6.80	-5.0739	2.1696	70.8939	61.9595	1.1442	1.1018	6.4718
-6.60	-4.8807	2.1360	58.2799	51.0047	1.1426	1.1076	6.4380
-6.40	-4.6863	2.1087	48.0129	41.9869	1.1435	1.1146	6.4171
-6.20	-4.4908	2.0868	39.7064	34.6445	1.1461	1.1229	6.4074
-6.00	-4.2945	2.0692	33.0423	28.6995	1.1513	1.1329	6.4087

T= 6700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.80	-4.0975	2.0550	27.7354	23.9042	1.1603	1.1445	6.4193
-5.60	-3.8999	2.0435	23.5099	20.0814	1.1707	1.1580	6.4389
-5.40	-3.7019	2.0342	20.1777	17.0543	1.1831	1.1728	6.4652
-5.20	-3.5036	2.0265	17.6130	14.7036	1.1979	1.1888	6.4968
-5.00	-3.3050	2.0200	15.6843	12.9331	1.2127	1.2048	6.5300
-4.80	-3.1062	2.0142	14.3498	11.7013	1.2263	1.2195	6.5602
-4.60	-2.9074	2.0086	13.6025	10.9898	1.2377	1.2304	6.5802
-4.40	-2.7087	2.0026	13.4928	10.8515	1.2434	1.2348	6.5821
-4.20	-2.5103	1.9954	14.1400	11.3848	1.2420	1.2309	6.5600
-4.00	-2.3123	1.9860	15.7584	12.7664	1.2344	1.2191	6.5129
-3.80	-2.1152	1.9729	18.6144	15.2171	1.2232	1.2022	6.4463
-3.60	-1.9193	1.9545	23.0361	18.9777	1.2138	1.1838	6.3668
-3.40	-1.7251	1.9285	29.2338	24.1856	1.2087	1.1675	6.2805
-3.20	-1.5333	1.8926	37.1951	30.6752	1.2125	1.1546	6.1875
-3.00	-1.3442	1.8454	46.2711	37.8793	1.2215	1.1451	6.0847
-2.80	-1.1583	1.7864	55.2596	44.7304	1.2354	1.1384	5.9693
-2.60	-0.9755	1.7173	62.5782	50.0844	1.2495	1.1341	5.8413
-2.40	-0.7952	1.6411	66.9579	53.0627	1.2619	1.1312	5.7032
-2.20	-0.6166	1.5621	67.7697	53.4120	1.2688	1.1294	5.5598
-2.00	-0.4388	1.4843	65.2963	51.4298	1.2696	1.1286	5.4176
-1.80	-0.2608	1.4110	60.4102	47.7501	1.2651	1.1285	5.2818
-1.60	-0.0818	1.3444	54.1469	43.0796	1.2569	1.1290	5.1568
-1.40	0.0988	1.2855	47.3662	38.0290	1.2455	1.1301	5.0452
-1.20	0.2813	1.2347	40.7439	33.0325	1.2334	1.1319	4.9483
-1.00	0.4658	1.1917	34.6803	28.3773	1.2221	1.1344	4.8666
-0.80	0.6525	1.1557	29.3450	24.2062	1.2123	1.1376	4.7995
-0.60	0.8412	1.1260	24.7790	20.5768	1.2042	1.1416	4.7458
-0.40	1.0318	1.1018	20.9552	17.4866	1.1984	1.1467	4.7048
-0.20	1.2240	1.0822	17.7955	14.8927	1.1949	1.1525	4.6746
0.0	1.4176	1.0665	15.2124	12.7440	1.1937	1.1596	4.6549
0.20	1.6126	1.0543	13.1140	10.9795	1.1944	1.1677	4.6444
0.40	1.8088	1.0451	11.4194	9.5408	1.1969	1.1770	4.6425
0.60	2.0062	1.0387	10.0562	8.3737	1.2009	1.1877	4.6492
0.80	2.2047	1.0352	8.9614	7.4305	1.2060	1.2000	4.6654
1.00	2.4046	1.0350	8.0818	6.6717	1.2113	1.2147	4.6931
1.20	2.6062	1.0387	7.3794	6.0603	1.2177	1.2324	4.7359
1.40	2.8101	1.0481	6.8141	5.5698	1.2234	1.2552	4.8010
1.60	3.0173	1.0656	6.3618	5.1766	1.2289	1.2852	4.8983
1.80	3.2293	1.0954	6.0012	4.8626	1.2342	1.3259	5.0446
2.00	3.4483	1.1445	5.7135	4.6119	1.2388	1.3823	5.2647
2.20	3.6773	1.2235	5.4895	4.4146	1.2435	1.4599	5.5940
2.40	3.9199	1.3497	0.0	4.2641	0.0	0.0	0.0

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2510	2.2537	0.0	85.9837	0.0	0.0	0.0
-6.80	-5.0606	2.2043	81.7829	71.1177	1.1500	1.0993	6.5644
-6.60	-4.8686	2.1641	67.2250	58.6458	1.1463	1.1042	6.5186
-6.40	-4.6752	2.1315	55.2760	48.3047	1.1443	1.1102	6.4869
-6.20	-4.4806	2.1051	45.6024	39.8183	1.1453	1.1176	6.4679
-6.00	-4.2850	2.0839	37.8023	32.8953	1.1492	1.1263	6.4602
-5.80	-4.0886	2.0668	31.5396	27.3038	1.1551	1.1366	6.4632
-5.60	-3.8915	2.0530	26.5490	22.8118	1.1638	1.1487	6.4756
-5.40	-3.6939	2.0419	22.5800	19.2262	1.1744	1.1624	6.4965

T= 6800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-3.4958	2.0328	19.4895	16.4077	1.1878	1.1774	6.5238
-5.00	-3.2974	2.0253	17.1025	14.2298	1.2019	1.1932	6.5554
-4.80	-3.0988	2.0188	15.3559	12.6292	1.2159	1.2088	6.5873
-4.60	-2.9001	2.0128	14.2325	11.5605	1.2311	1.2221	6.6136
-4.40	-2.7014	2.0068	13.6886	11.0350	1.2405	1.2309	6.6276
-4.20	-2.5028	2.0002	13.8215	11.1216	1.2428	1.2326	6.6213
-4.00	-2.3046	1.9920	14.7976	11.9442	1.2389	1.2259	6.5897
-3.80	-2.1070	1.9810	16.8382	13.6921	1.2298	1.2122	6.5347
-3.60	-1.9104	1.9656	20.2411	16.6035	1.2191	1.1950	6.4629
-3.40	-1.7152	1.9439	25.3165	20.8757	1.2127	1.1777	6.3804
-3.20	-1.5220	1.9135	32.1540	26.5392	1.2116	1.1629	6.2904
-3.00	-1.3314	1.8726	40.5001	33.2400	1.2184	1.1516	6.1923
-2.80	-1.1439	1.8198	49.4589	40.2170	1.2298	1.1435	6.0831
-2.60	-0.9594	1.7558	57.6228	46.3264	1.2438	1.1379	5.9607
-2.40	-0.7778	1.6830	63.5334	50.5244	1.2575	1.1342	5.8262
-2.20	-0.5984	1.6049	66.2133	52.2312	1.2677	1.1320	5.6837
-2.00	-0.4203	1.5260	65.4370	51.4528	1.2718	1.1307	5.5390
-1.80	-0.2425	1.4499	61.8232	48.6708	1.2702	1.1301	5.3979
-1.60	-0.0642	1.3795	56.3142	44.5616	1.2637	1.1303	5.2656
-1.40	0.1155	1.3163	49.8770	39.7778	1.2539	1.1312	5.1456
-1.20	0.2969	1.2612	43.2719	34.8438	1.2419	1.1326	5.0398
-1.00	0.4803	1.2140	37.0352	30.1065	1.2301	1.1347	4.9493
-0.80	0.6659	1.1744	31.4402	25.7836	1.2194	1.1375	4.8738
-0.60	0.8535	1.1414	26.5825	21.9660	1.2102	1.1412	4.8128
-0.40	1.0431	1.1144	22.4739	18.6781	1.2032	1.1457	4.7647
-0.20	1.2345	1.0924	19.0527	15.9005	1.1982	1.1512	4.7289
0.0	1.4274	1.0748	16.2457	13.5837	1.1960	1.1577	4.7040
0.20	1.6218	1.0610	13.9546	11.6721	1.1956	1.1654	4.6891
0.40	1.8175	1.0505	12.1026	10.1086	1.1973	1.1745	4.6840
0.60	2.0144	1.0431	10.6015	8.8360	1.1998	1.1848	4.6878
0.80	2.2126	1.0387	9.4011	7.8053	1.2045	1.1970	4.7020
1.00	2.4122	1.0377	8.4371	6.9730	1.2100	1.2115	4.7280
1.20	2.6135	1.0409	7.6608	6.3039	1.2153	1.2292	4.7698
1.40	2.8172	1.0498	7.0415	5.7654	1.2213	1.2519	4.8342
1.60	3.0242	1.0669	6.5442	5.3338	1.2269	1.2816	4.9309
1.80	3.2361	1.0964	6.1455	4.9876	1.2322	1.3228	5.0783
2.00	3.4550	1.1451	5.8274	4.7114	1.2369	1.3797	5.3004
2.20	3.6838	1.2238	5.5807	4.4924	1.2423	1.4567	5.6302
2.40	3.9263	1.3497	0.0	4.3246	0.0	0.0	0.0

T= 6900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2354	2.3024	0.0	97.6009	0.0	0.0	0.0
-6.80	-5.0465	2.2443	93.7363	81.0850	1.1560	1.0975	6.6665
-6.60	-4.8558	2.1966	77.1471	67.0499	1.1506	1.1017	6.6080
-6.40	-4.6635	2.1579	63.4452	55.3075	1.1471	1.1068	6.5647
-6.20	-4.4699	2.1264	52.2554	45.5831	1.1464	1.1131	6.5352
-6.00	-4.2751	2.1010	43.1933	37.6159	1.1483	1.1208	6.5185
-5.80	-4.0794	2.0806	35.8640	31.1329	1.1520	1.1299	6.5129
-5.60	-3.8828	2.0641	30.0029	25.8995	1.1584	1.1407	6.5179
-5.40	-3.6856	2.0508	25.3428	21.7022	1.1678	1.1531	6.5322
-5.20	-3.4879	2.0401	21.6468	18.3656	1.1787	1.1670	6.5541
-5.00	-3.2898	2.0312	18.7840	15.7541	1.1923	1.1822	6.5823
-4.80	-3.0914	2.0238	16.6500	13.7690	1.2092	1.1979	6.6138

T= 6900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.8928	2.0173	15.0683	12.3462	1.2205	1.2126	6.6435
-4.40	-2.6941	2.0111	14.1226	11.4656	1.2317	1.2244	6.6655
-4.20	-2.4955	2.0047	13.8348	11.1512	1.2407	1.2307	6.6722
-4.00	-2.2971	1.9972	14.2670	11.4962	1.2410	1.2295	6.6565
-3.80	-2.0992	1.9877	15.6272	12.6522	1.2351	1.2203	6.6157
-3.60	-1.9020	1.9748	18.1619	14.8202	1.2255	1.2053	6.5533
-3.40	-1.7060	1.9566	22.2079	18.2301	1.2182	1.1882	6.4766
-3.20	-1.5118	1.9310	27.9238	23.0188	1.2131	1.1720	6.3900
-3.00	-1.3198	1.8957	35.3371	29.0565	1.2161	1.1589	6.2961
-2.80	-1.1306	1.8492	43.8596	35.8053	1.2249	1.1492	6.1921
-2.60	-0.9445	1.7909	52.4045	42.3088	1.2386	1.1423	6.0756
-2.40	-0.7615	1.7222	59.4554	47.4713	1.2524	1.1377	5.9460
-2.20	-0.5810	1.6464	63.7792	50.4228	1.2649	1.1347	5.8058
-2.00	-0.4024	1.5674	64.7528	50.8882	1.2725	1.1329	5.6603
-1.80	-0.2246	1.4893	62.5571	49.1190	1.2736	1.1320	5.5154
-1.60	-0.0466	1.4156	58.0209	45.7046	1.2695	1.1318	5.3767
-1.40	0.1323	1.3485	52.1031	41.3185	1.2610	1.1323	5.2490
-1.20	0.3128	1.2892	45.6779	36.5315	1.2504	1.1335	5.1347
-1.00	0.4951	1.2379	39.3675	31.7884	1.2384	1.1353	5.0355
-0.80	0.6796	1.1944	33.5531	27.3525	1.2267	1.1377	4.9516
-0.60	0.8662	1.1580	28.4307	23.3675	1.2167	1.1411	4.8828
-0.40	1.0548	1.1280	24.0443	19.8983	1.2084	1.1451	4.8277
-0.20	1.2452	1.1035	20.3686	16.9384	1.2025	1.1503	4.7858
0.0	1.4374	1.0839	17.3273	14.4536	1.1988	1.1564	4.7554
0.20	1.6311	1.0683	14.8408	12.3932	1.1975	1.1636	4.7359
0.40	1.8263	1.0564	12.8176	10.6992	1.1980	1.1722	4.7269
0.60	2.0227	1.0478	11.1855	9.3182	1.2004	1.1822	4.7277
0.80	2.2205	1.0425	9.8683	8.1966	1.2040	1.1941	4.7393
1.00	2.4198	1.0407	8.8096	7.2904	1.2084	1.2085	4.7637
1.20	2.6209	1.0433	7.9606	6.5585	1.2138	1.2262	4.8044
1.40	2.8243	1.0517	7.2813	5.9702	1.2196	1.2488	4.8680
1.60	3.0312	1.0684	6.7325	5.4972	1.2247	1.2788	4.9650
1.80	3.2429	1.0975	6.2940	5.1169	1.2300	1.3197	5.1122
2.00	3.4616	1.1459	5.9438	4.8134	1.2348	1.3768	5.3354
2.20	3.6903	1.2242	5.6689	4.5726	1.2398	1.4540	5.6672
2.40	3.9327	1.3497	0.0	4.3859	0.0	0.0	0.0

T= 7000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2188	2.3578	0.0	109.7421	0.0	0.0	0.0
-6.80	-5.0315	2.2900	106.7361	91.6849	1.1642	1.0961	6.7785
-6.60	-4.8422	2.2341	88.0668	76.1394	1.1567	1.0997	6.7061
-6.40	-4.6512	2.1883	72.4843	62.9506	1.1514	1.1042	6.6506
-6.20	-4.4586	2.1511	59.6529	51.9270	1.1488	1.1097	6.6101
-6.00	-4.2648	2.1209	49.1814	42.8431	1.1479	1.1163	6.5832
-5.80	-4.0698	2.0966	40.7114	35.3947	1.1502	1.1244	6.5691
-5.60	-3.8739	2.0770	33.9096	29.3572	1.1551	1.1339	6.5659
-5.40	-3.6772	2.0612	28.4627	24.4854	1.1624	1.1451	6.5729
-5.20	-3.4799	2.0484	24.1462	20.5903	1.1727	1.1578	6.5889
-5.00	-3.2821	2.0381	20.7337	17.5094	1.1841	1.1721	6.6126
-4.80	-3.0839	2.0295	18.0977	15.1198	1.1970	1.1872	6.6412
-4.60	-2.8855	2.0221	16.1335	13.3320	1.2101	1.2025	6.6716
-4.40	-2.6869	2.0155	14.8172	12.1038	1.2242	1.2162	6.6986
-4.20	-2.4883	2.0090	14.1115	11.4217	1.2355	1.2260	6.7146

T= 7000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-2.2898	2.0020	14.0829	11.3515	1.2406	1.2296	6.7129
-3.80	-2.0917	1.9936	14.8612	11.9955	1.2389	1.2255	6.6874
-3.60	-1.8941	1.9824	16.6839	13.5394	1.2323	1.2138	6.6369
-3.40	-1.6975	1.9671	19.7698	16.1797	1.2219	1.1979	6.5676
-3.20	-1.5023	1.9454	24.4770	20.1174	1.2167	1.1816	6.4866
-3.00	-1.3091	1.9153	30.8616	25.3899	1.2155	1.1670	6.3963
-2.80	-1.1184	1.8746	38.7023	31.6746	1.2219	1.1556	6.2971
-2.60	-0.9307	1.8222	47.1730	38.2508	1.2333	1.1473	6.1860
-2.40	-0.7462	1.7585	54.9576	44.0512	1.2476	1.1416	6.0620
-2.20	-0.5645	1.6858	60.6212	48.0784	1.2609	1.1378	5.9255
-2.00	-0.3851	1.6078	63.2380	49.7475	1.2712	1.1354	5.7806
-1.80	-0.2069	1.5288	62.5943	49.0677	1.2757	1.1340	5.6335
-1.60	-0.0292	1.4526	59.2055	46.4707	1.2740	1.1335	5.4899
-1.40	0.1492	1.3819	53.9966	42.5978	1.2676	1.1336	5.3549
-1.20	0.3288	1.3185	47.8827	38.0698	1.2578	1.1345	5.2326
-1.00	0.5101	1.2631	41.6059	33.3858	1.2462	1.1360	5.1248
-0.80	0.6935	1.2157	35.6526	28.8824	1.2344	1.1381	5.0325
-0.60	0.8790	1.1758	30.2961	24.7677	1.2232	1.1411	4.9557
-0.40	1.0666	1.1427	25.6552	21.1288	1.2142	1.1449	4.8936
-0.20	1.2562	1.1156	21.7251	17.9960	1.2072	1.1495	4.8450
0.0	1.4476	1.0936	18.4484	15.3454	1.2022	1.1553	4.8091
0.20	1.6406	1.0762	15.7568	13.1337	1.1997	1.1622	4.7849
0.40	1.8351	1.0628	13.5625	11.3089	1.1993	1.1703	4.7715
0.60	2.0311	1.0529	11.7864	9.8140	1.2010	1.1801	4.7691
0.80	2.2285	1.0466	10.3524	8.5985	1.2040	1.1917	4.7781
1.00	2.4274	1.0440	9.1965	7.6134	1.2079	1.2059	4.8005
1.20	2.6282	1.0459	8.2708	6.8181	1.2131	1.2236	4.8401
1.40	2.8314	1.0538	7.5244	6.1755	1.2184	1.2460	4.9024
1.60	3.0381	1.0700	6.9248	5.6595	1.2236	1.2762	4.9995
1.80	3.2496	1.0988	6.4428	5.2441	1.2286	1.3173	5.1472
2.00	3.4682	1.1468	6.0593	4.9118	1.2336	1.3740	5.3704
2.20	3.6967	1.2247	5.7573	4.6470	1.2389	1.4518	5.7050
2.40	3.9390	1.3498	0.0	4.4408	0.0	0.0	0.0

T= 7100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.2013	2.4199	0.0	122.1773	0.0	0.0	0.0
-6.80	-5.0156	2.3417	120.8862	102.8739	1.1751	1.0953	6.9008
-6.60	-4.8278	2.2767	99.9230	85.8580	1.1638	1.0983	6.8136
-6.40	-4.6382	2.2232	82.4041	71.2422	1.1567	1.1021	6.7447
-6.20	-4.4468	2.1794	67.8374	58.8856	1.1520	1.1069	6.6924
-6.00	-4.2539	2.1439	55.8894	48.6136	1.1497	1.1127	6.6551
-5.80	-4.0598	2.1151	46.1723	40.1345	1.1504	1.1197	6.6311
-5.60	-3.8646	2.0919	38.3026	33.2185	1.1531	1.1282	6.6196
-5.40	-3.6685	2.0732	31.9906	27.6054	1.1589	1.1382	6.6189
-5.20	-3.4717	2.0581	26.9459	23.0988	1.1666	1.1498	6.6283
-5.00	-3.2743	2.0459	22.9459	19.5044	1.1764	1.1630	6.6465
-4.80	-3.0764	2.0359	19.8157	16.6812	1.1879	1.1774	6.6711
-4.60	-2.8782	2.0275	17.4640	14.5125	1.2034	1.1924	6.6998
-4.40	-2.6797	2.0202	15.7355	12.9336	1.2166	1.2071	6.7288
-4.20	-2.4812	2.0135	14.6346	11.9110	1.2287	1.2194	6.7518
-4.00	-2.2827	2.0066	14.1805	11.4632	1.2370	1.2270	6.7611
-3.80	-2.0844	1.9988	14.4619	11.6669	1.2396	1.2276	6.7495
-3.60	-1.8865	1.9890	15.6563	12.6617	1.2365	1.2205	6.7134

T= 7100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.40	-1.6894	1.9758	17.9831	14.6369	1.2286	1.2070	6.6541
-3.20	-1.4934	1.9575	21.7186	17.7995	1.2202	1.1910	6.5790
-3.00	-1.2992	1.9317	27.0951	22.2703	1.2166	1.1755	6.4932
-2.80	-1.1072	1.8964	34.0795	27.9470	1.2194	1.1626	6.3980
-2.60	-0.9180	1.8498	42.1504	34.3033	1.2288	1.1528	6.2924
-2.40	-0.7319	1.7915	50.2344	40.4407	1.2422	1.1459	6.1738
-2.20	-0.5489	1.7229	56.9405	45.2976	1.2570	1.1412	6.0420
-2.00	-0.3684	1.6470	61.0053	48.0886	1.2686	1.1381	5.8995
-1.80	-0.1898	1.5680	61.9167	48.5129	1.2763	1.1362	5.7513
-1.60	-0.0120	1.4899	59.8354	46.8305	1.2777	1.1353	5.6041
-1.40	0.1660	1.4162	55.4958	43.5854	1.2733	1.1352	5.4633
-1.20	0.3449	1.3490	49.8577	39.4168	1.2649	1.1357	5.3333
-1.00	0.5253	1.2896	43.7291	34.8739	1.2539	1.1368	5.2172
-0.80	0.7077	1.2383	37.7193	30.3648	1.2422	1.1387	5.1165
-0.60	0.8921	1.1948	32.1801	26.1503	1.2306	1.1413	5.0316
-0.40	1.0787	1.1584	27.3018	22.3686	1.2205	1.1447	4.9619
-0.20	1.2674	1.1285	23.1194	19.0714	1.2123	1.1490	4.9067
0.0	1.4579	1.1042	19.6159	16.2590	1.2065	1.1543	4.8647
0.20	1.6502	1.0848	16.7165	13.8988	1.2027	1.1610	4.8356
0.40	1.8441	1.0697	14.3435	11.9410	1.2012	1.1687	4.8178
0.60	2.0395	1.0585	12.4137	10.3314	1.2016	1.1782	4.8118
0.80	2.2365	1.0511	10.8572	9.0180	1.2039	1.1896	4.8182
1.00	2.4350	1.0476	9.6028	7.9506	1.2078	1.2035	4.8383
1.20	2.6355	1.0488	8.5907	7.0872	1.2122	1.2208	4.8757
1.40	2.8385	1.0560	7.7759	6.3907	1.2168	1.2435	4.9376
1.60	3.0450	1.0718	7.1252	5.8284	1.2225	1.2736	5.0341
1.80	3.2563	1.1001	6.5992	5.3756	1.2276	1.3149	5.1824
2.00	3.4747	1.1477	6.1774	5.0125	1.2324	1.3720	5.4070
2.20	3.7031	1.2253	5.8467	4.7228	1.2380	1.4496	5.7428
2.40	3.9452	1.3500	0.0	4.4958	0.0	0.0	0.0

T= 7200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1830	2.4890	0.0	134.6455	0.0	0.0	0.0
-6.80	-4.9989	2.3997	135.2305	114.3844	1.1822	1.0948	7.0331
-6.60	-4.8127	2.3249	112.6250	96.1191	1.1717	1.0973	6.9306
-6.40	-4.6244	2.2628	93.1923	80.1182	1.1632	1.1006	6.8475
-6.20	-4.4343	2.2118	76.8454	66.4219	1.1569	1.1047	6.7824
-6.00	-4.2426	2.1701	63.3107	54.9176	1.1529	1.1097	6.7337
-5.80	-4.0494	2.1363	52.2213	45.3490	1.1515	1.1159	6.6995
-5.60	-3.8550	2.1090	43.2108	37.4915	1.1526	1.1233	6.6787
-5.40	-3.6595	2.0870	35.9336	31.0909	1.1558	1.1324	6.6705
-5.20	-3.4633	2.0692	30.1173	25.9131	1.1622	1.1428	6.6726
-5.00	-3.2663	2.0548	25.4782	21.7568	1.1710	1.1549	6.6843
-4.80	-3.0688	2.0431	21.8275	18.4606	1.1824	1.1683	6.7039
-4.60	-2.8708	2.0335	18.9790	15.8918	1.1943	1.1830	6.7300
-4.40	-2.6726	2.0253	16.8525	13.9548	1.2077	1.1979	6.7585
-4.20	-2.4741	2.0181	15.3756	12.5979	1.2205	1.2116	6.7850
-4.00	-2.2756	2.0110	14.5238	11.7969	1.2312	1.2220	6.8022
-3.80	-2.0773	2.0036	14.3650	11.6090	1.2374	1.2268	6.8027
-3.60	-1.8792	1.9947	15.0069	12.1308	1.2371	1.2244	6.7811
-3.40	-1.6817	1.9832	16.6772	13.5275	1.2328	1.2146	6.7345
-3.20	-1.4851	1.9675	19.5977	15.9883	1.2258	1.1999	6.6669
-3.00	-1.2900	1.9456	24.0361	19.6903	1.2207	1.1843	6.5864

T= 7200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-1.0969	1.9151	30.0704	24.6675	1.2190	1.1701	6.4955
-2.60	-0.9063	1.8740	37.5366	30.6102	1.2263	1.1589	6.3946
-2.40	-0.7187	1.8213	45.5380	36.7939	1.2376	1.1506	6.2814
-2.20	-0.5342	1.7573	52.8684	42.2436	1.2515	1.1448	6.1546
-2.00	-0.3526	1.6844	58.1837	45.9865	1.2652	1.1411	6.0157
-1.80	-0.1732	1.6063	60.5577	47.4962	1.2750	1.1386	5.8683
-1.60	0.0048	1.5273	59.8562	46.7787	1.2796	1.1373	5.7186
-1.40	0.1826	1.4511	56.5591	44.2667	1.2777	1.1368	5.5730
-1.20	0.3610	1.3805	51.5570	40.5572	1.2712	1.1370	5.4362
-1.00	0.5406	1.3173	45.7109	36.2410	1.2613	1.1379	5.3124
-0.80	0.7220	1.2621	39.7271	31.7908	1.2496	1.1395	5.2035
-0.60	0.9055	1.2149	34.0601	27.5177	1.2378	1.1417	5.1103
-0.40	1.0911	1.1752	28.9701	23.6167	1.2267	1.1448	5.0330
-0.20	1.2787	1.1424	24.5636	20.1705	1.2178	1.1488	4.9708
0.0	1.4684	1.1156	20.8327	17.2020	1.2111	1.1538	4.9229
0.20	1.6600	1.0941	17.7236	14.6950	1.2061	1.1599	4.8880
0.40	1.8532	1.0772	15.1682	12.6022	1.2036	1.1674	4.8657
0.60	2.0481	1.0645	13.0862	10.8760	1.2032	1.1764	4.8559
0.80	2.2446	1.0559	11.3957	9.4621	1.2043	1.1876	4.8590
1.00	2.4427	1.0515	10.0353	8.3104	1.2076	1.2012	4.8766
1.20	2.6429	1.0519	8.9363	7.3768	1.2114	1.2185	4.9124
1.40	2.8456	1.0585	8.0523	6.6214	1.2161	1.2410	4.9732
1.60	3.0518	1.0737	7.3408	6.0123	1.2210	1.2709	5.0687
1.80	3.2630	1.1016	6.7699	5.5210	1.2262	1.3121	5.2168
2.00	3.4812	1.1488	6.3106	5.1255	1.2312	1.3695	5.4425
2.20	3.7094	1.2260	5.9465	4.8098	1.2363	1.4470	5.7794
2.40	3.9513	1.3502	0.0	4.5599	0.0	0.0	0.0

T= 7300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1640	2.5648	0.0	146.6132	0.0	0.0	0.0
-6.80	-4.9814	2.4641	150.1074	125.9424	1.1919	1.0946	7.1754
-6.60	-4.7967	2.3788	125.9945	106.6694	1.1812	1.0967	7.0569
-6.40	-4.6099	2.3074	104.7375	89.4421	1.1710	1.0995	6.9591
-6.20	-4.4212	2.2484	86.6035	74.4768	1.1628	1.1030	6.8806
-6.00	-4.2306	2.2000	71.4294	61.7225	1.1573	1.1074	6.8196
-5.80	-4.0385	2.1606	58.8875	51.0182	1.1542	1.1128	6.7747
-5.60	-3.8450	2.1286	48.6340	42.1783	1.1531	1.1195	6.7444
-5.40	-3.6503	2.1027	40.3409	34.9173	1.1553	1.1274	6.7271
-5.20	-3.4546	2.0819	33.6470	29.0213	1.1594	1.1368	6.7216
-5.00	-3.2581	2.0651	28.2975	24.2613	1.1664	1.1478	6.7266
-4.80	-3.0610	2.0514	24.0473	20.4594	1.1754	1.1603	6.7408
-4.60	-2.8634	2.0403	20.7269	17.4627	1.1869	1.1741	6.7623
-4.40	-2.6654	2.0310	18.1761	15.1468	1.2000	1.1887	6.7888
-4.20	-2.4671	2.0230	16.3063	13.4505	1.2123	1.2030	6.8159
-4.00	-2.2687	2.0156	15.0866	12.3165	1.2249	1.2153	6.8383
-3.80	-2.0703	2.0082	14.5257	11.7745	1.2337	1.2236	6.8488
-3.60	-1.8721	1.9999	14.7075	11.8818	1.2378	1.2254	6.8397
-3.40	-1.6743	1.9897	15.7752	12.7677	1.2356	1.2198	6.8067
-3.20	-1.4773	1.9761	17.9756	14.6155	1.2299	1.2078	6.7499
-3.00	-1.2814	1.9572	21.5436	17.6132	1.2232	1.1928	6.6756
-2.80	-1.0873	1.9309	26.7025	21.8709	1.2209	1.1780	6.5895
-2.60	-0.8955	1.8950	33.3448	27.2558	1.2234	1.1654	6.4930
-2.40	-0.7064	1.8477	41.0022	33.2687	1.2325	1.1550	6.3850

T= 7300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.5205	1.7888	48.6497	39.0283	1.2465	1.1490	6.2638
-2.00	-0.3376	1.7196	54.8948	43.5302	1.2611	1.1442	6.1288
-1.80	-0.1573	1.6435	58.6005	46.0421	1.2728	1.1413	5.9837
-1.60	0.0212	1.5643	59.2928	46.3187	1.2801	1.1395	5.8333
-1.40	0.1990	1.4864	57.1664	44.6138	1.2814	1.1385	5.6838
-1.20	0.3770	1.4129	52.9263	41.4617	1.2765	1.1384	5.5411
-1.00	0.5560	1.3461	47.5031	37.4593	1.2681	1.1390	5.4100
-0.80	0.7365	1.2871	41.6432	33.1274	1.2571	1.1403	5.2931
-0.60	0.9190	1.2362	35.9189	28.8463	1.2452	1.1423	5.1919
-0.40	1.1035	1.1931	30.6620	24.8556	1.2336	1.1450	5.1067
-0.20	1.2903	1.1572	26.0436	21.2796	1.2239	1.1487	5.0373
0.0	1.4791	1.1278	22.0879	18.1660	1.2159	1.1534	4.9831
0.20	1.6699	1.1040	18.7720	15.5124	1.2101	1.1592	4.9426
0.40	1.8624	1.0852	16.0292	13.2866	1.2064	1.1662	4.9152
0.60	2.0567	1.0711	13.7873	11.4404	1.2051	1.1750	4.9014
0.80	2.2527	1.0612	11.9623	9.9234	1.2055	1.1857	4.9009
1.00	2.4505	1.0557	10.4878	8.6852	1.2075	1.1991	4.9158
1.20	2.6503	1.0553	9.2986	7.6787	1.2110	1.2163	4.9499
1.40	2.8527	1.0612	8.3419	6.8627	1.2155	1.2385	5.0087
1.60	3.0587	1.0758	7.5695	6.2035	1.2202	1.2685	5.1040
1.80	3.2696	1.1032	6.9470	5.6715	1.2249	1.3098	5.2520
2.00	3.4876	1.1500	6.4488	5.2436	1.2298	1.3668	5.4777
2.20	3.7157	1.2268	6.0532	4.8986	1.2357	1.4444	5.8161
2.40	3.9574	1.3506	0.0	4.6271	0.0	0.0	0.0

T= 7400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1444	2.6470	0.0	157.6480	0.0	0.0	0.0
-6.80	-4.9632	2.5349	164.8660	137.1800	1.2018	1.0947	7.3277
-6.60	-4.7800	2.4386	139.7031	117.3515	1.1905	1.0964	7.1931
-6.40	-4.5947	2.3573	116.9410	99.1285	1.1797	1.0988	7.0798
-6.20	-4.4074	2.2896	97.0721	82.9511	1.1702	1.1018	6.9870
-6.00	-4.2181	2.2338	80.1925	68.9886	1.1624	1.1056	6.9132
-5.80	-4.0271	2.1881	66.1615	57.1488	1.1577	1.1104	6.8567
-5.60	-3.8346	2.1509	54.5925	47.2573	1.1552	1.1163	6.8162
-5.40	-3.6407	2.1207	45.1848	39.1052	1.1555	1.1233	6.7895
-5.20	-3.4457	2.0964	37.5561	32.4368	1.1578	1.1317	6.7758
-5.00	-3.2498	2.0767	31.4374	27.0314	1.1630	1.1417	6.7735
-4.80	-3.0531	2.0609	26.5508	22.6821	1.1706	1.1532	6.7815
-4.60	-2.8558	2.0480	22.6948	19.2249	1.1805	1.1660	6.7978
-4.40	-2.6581	2.0373	19.7012	16.5160	1.1929	1.1801	6.8209
-4.20	-2.4600	2.0283	17.4246	14.4657	1.2045	1.1944	6.8471
-4.00	-2.2617	2.0204	15.8588	13.0138	1.2186	1.2080	6.8723
-3.80	-2.0634	2.0128	14.9164	12.1311	1.2296	1.2187	6.8897
-3.60	-1.8651	2.0048	14.6614	11.8670	1.2355	1.2242	6.8913
-3.40	-1.6671	1.9954	15.2339	12.3119	1.2373	1.2227	6.8712
-3.20	-1.4698	1.9834	16.7915	13.6223	1.2326	1.2143	6.8269
-3.00	-1.2733	1.9671	19.6096	15.9752	1.2275	1.2009	6.7611
-2.80	-1.0784	1.9444	23.8806	19.5298	1.2228	1.1860	6.6800
-2.60	-0.8854	1.9130	29.7037	24.2950	1.2226	1.1725	6.5881
-2.40	-0.6951	1.8710	36.8090	29.9333	1.2297	1.1615	6.4850
-2.20	-0.5077	1.8173	44.4444	35.7583	1.2429	1.1535	6.3692
-2.00	-0.3235	1.7525	51.2959	40.8076	1.2570	1.1479	6.2394
-1.80	-0.1421	1.6790	56.1278	44.2092	1.2696	1.1442	6.0971

T= 7400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.0371	1.6007	58.1438	45.4431	1.2795	1.1418	5.9471
-1.40	0.2152	1.5217	57.2433	44.6014	1.2834	1.1405	5.7953
-1.20	0.3929	1.4458	53.9336	42.0947	1.2812	1.1400	5.6477
-1.00	0.5714	1.3758	49.0412	38.4943	1.2740	1.1403	5.5099
-0.80	0.7511	1.3131	43.4294	34.3579	1.2640	1.1413	5.3852
-0.60	0.9327	1.2585	37.7211	30.1181	1.2524	1.1430	5.2760
-0.40	1.1163	1.2120	32.3488	26.0728	1.2407	1.1454	5.1830
-0.20	1.3021	1.1730	27.5314	22.3871	1.2298	1.1488	5.1064
0.0	1.4900	1.1408	23.3681	19.1407	1.2209	1.1531	5.0452
0.20	1.6800	1.1146	19.8451	16.3488	1.2139	1.1585	4.9988
0.40	1.8718	1.0939	16.9193	13.9906	1.2093	1.1653	4.9666
0.60	2.0655	1.0781	14.5171	12.0264	1.2071	1.1737	4.9484
0.80	2.2609	1.0668	12.5568	10.4044	1.2069	1.1840	4.9440
1.00	2.4582	1.0602	10.9669	9.0771	1.2082	1.1972	4.9560
1.20	2.6577	1.0589	9.6827	7.9951	1.2111	1.2140	4.9876
1.40	2.8598	1.0641	8.6459	7.1173	1.2148	1.2362	5.0451
1.60	3.0655	1.0781	7.8102	6.4062	1.2192	1.2662	5.1397
1.80	3.2762	1.1050	7.1359	5.8309	1.2238	1.3073	5.2872
2.00	3.4940	1.1513	6.5965	5.3665	1.2292	1.3644	5.5134
2.20	3.7219	1.2277	6.1638	4.9943	1.2342	1.4421	5.8532
2.40	3.9635	1.3510	0.0	4.6985	0.0	0.0	0.0

T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1244	2.7350	0.0	167.3571	0.0	0.0	0.0
-6.80	-4.9444	2.6116	179.0844	147.8496	1.2113	1.0950	7.4891
-6.60	-4.7627	2.5043	153.5210	127.9618	1.1997	1.0964	7.3384
-6.40	-4.5788	2.4127	129.6034	109.0261	1.1887	1.0984	7.2094
-6.20	-4.3929	2.3356	108.1821	91.8284	1.1781	1.1010	7.1017
-6.00	-4.2050	2.2717	89.6816	76.7001	1.1692	1.1043	7.0142
-5.80	-4.0152	2.2190	74.0883	63.7216	1.1627	1.1084	6.9454
-5.60	-3.8237	2.1760	61.1551	52.7744	1.1588	1.1136	6.8938
-5.40	-3.6307	2.1411	50.5150	43.6848	1.1564	1.1198	6.8572
-5.20	-3.4365	2.1128	41.8961	36.1978	1.1574	1.1273	6.8347
-5.00	-3.2412	2.0900	34.9473	30.0931	1.1613	1.1363	6.8248
-4.80	-3.0450	2.0715	29.3565	25.1525	1.1671	1.1469	6.8261
-4.60	-2.8482	2.0566	24.9141	21.1968	1.1754	1.1588	6.8367
-4.40	-2.6508	2.0444	21.4281	18.0788	1.1853	1.1721	6.8554
-4.20	-2.4529	2.0342	18.7558	15.6552	1.1980	1.1863	6.8795
-4.00	-2.2548	2.0255	16.7898	13.8694	1.2106	1.2003	6.9053
-3.80	-2.0565	2.0175	15.4772	12.6654	1.2220	1.2127	6.9269
-3.60	-1.8582	2.0095	14.8583	12.0590	1.2321	1.2211	6.9371
-3.40	-1.6602	2.0007	14.9739	12.1101	1.2365	1.2233	6.9283
-3.20	-1.4625	1.9898	15.9839	12.9390	1.2353	1.2187	6.8964
-3.00	-1.2656	1.9755	18.1206	14.7164	1.2313	1.2080	6.8413
-2.80	-1.0700	1.9558	21.5923	17.6181	1.2256	1.1938	6.7670
-2.60	-0.8761	1.9285	26.5998	21.7266	1.2243	1.1796	6.6797
-2.40	-0.6845	1.8914	33.0216	26.8980	1.2277	1.1677	6.5816
-2.20	-0.4958	1.8429	40.3398	32.5891	1.2378	1.1584	6.4707
-2.00	-0.3102	1.7828	47.5068	37.9491	1.2519	1.1518	6.3460
-1.80	-0.1276	1.7127	53.2395	42.0437	1.2663	1.1473	6.2079
-1.60	0.0524	1.6360	56.4621	44.2038	1.2773	1.1443	6.0595
-1.40	0.2309	1.5568	56.8068	44.2418	1.2840	1.1426	5.9066
-1.20	0.4087	1.4791	54.5273	42.4410	1.2848	1.1418	5.7553

T= 7500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	0.5867	1.4062	50.3193	39.3220	1.2797	1.1417	5.6114
-0.80	0.7658	1.3401	45.0492	35.4531	1.2707	1.1424	5.4797
-0.60	0.9465	1.2819	39.4457	31.3155	1.2596	1.1438	5.3626
-0.40	1.1292	1.2319	33.9989	27.2513	1.2476	1.1460	5.2619
-0.20	1.3141	1.1896	29.0325	23.4822	1.2364	1.1490	5.1776
0.0	1.5011	1.1546	24.6781	20.1176	1.2267	1.1530	5.1096
0.20	1.6902	1.1260	20.9538	17.1947	1.2186	1.1580	5.0570
0.40	1.8813	1.1032	17.8457	14.7087	1.2133	1.1645	5.0194
0.60	2.0743	1.0856	15.2730	12.6258	1.2097	1.1725	4.9964
0.80	2.2692	1.0729	13.1711	10.8981	1.2086	1.1827	4.9887
1.00	2.4661	1.0651	11.4624	9.4798	1.2091	1.1955	4.9973
1.20	2.6651	1.0628	10.0805	8.3214	1.2114	1.2119	5.0261
1.40	2.8669	1.0672	8.9612	7.3789	1.2144	1.2340	5.0821
1.60	3.0723	1.0806	8.0604	6.6139	1.2187	1.2638	5.1752
1.80	3.2828	1.1069	7.3338	5.9950	1.2233	1.3048	5.3222
2.00	3.5004	1.1528	6.7454	5.4940	1.2278	1.3619	5.5490
2.20	3.7281	1.2287	6.2802	5.0902	1.2338	1.4398	5.8902
2.40	3.9695	1.3515	0.0	4.7692	0.0	0.0	0.0

T= 7600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.1041	2.8277	0.0	175.0632	0.0	0.0	0.0
-6.80	-4.9252	2.6940	192.1796	157.3737	1.2212	1.0956	7.6590
-6.60	-4.7447	2.5757	166.9283	138.0694	1.2090	1.0967	7.4926
-6.40	-4.5623	2.4734	142.3539	118.8742	1.1975	1.0983	7.3477
-6.20	-4.3778	2.3866	119.7054	100.8896	1.1865	1.1005	7.2247
-6.00	-4.1912	2.3139	99.7049	84.7479	1.1765	1.1033	7.1230
-5.80	-4.0027	2.2538	82.5957	70.6805	1.1686	1.1069	7.0413
-5.60	-3.8123	2.2044	68.2099	58.6872	1.1623	1.1114	6.9779
-5.40	-3.6203	2.1641	56.3517	48.6040	1.1594	1.1170	6.9312
-5.20	-3.4269	2.1314	46.6321	40.2675	1.1581	1.1237	6.8993
-5.00	-3.2323	2.1050	38.7729	33.4170	1.1603	1.1317	6.8808
-4.80	-3.0368	2.0836	32.4374	27.8576	1.1644	1.1412	6.8745
-4.60	-2.8404	2.0664	27.3973	23.3737	1.1721	1.1523	6.8792
-4.40	-2.6433	2.0523	23.3747	19.8038	1.1803	1.1648	6.8927
-4.20	-2.4458	2.0408	20.2740	17.0021	1.1924	1.1784	6.9133
-4.00	-2.2479	2.0310	17.8943	14.8708	1.2033	1.1925	6.9379
-3.80	-2.0497	2.0224	16.2516	13.3552	1.2169	1.2058	6.9615
-3.60	-1.8515	2.0142	15.2506	12.4258	1.2273	1.2163	6.9776
-3.40	-1.6533	2.0056	14.9569	12.1216	1.2339	1.2220	6.9791
-3.20	-1.4555	1.9956	15.4889	12.5294	1.2362	1.2211	6.9593
-3.00	-1.2583	1.9829	17.0161	13.8010	1.2330	1.2135	6.9153
-2.80	-1.0621	1.9657	19.7749	16.1013	1.2282	1.2011	6.8499
-2.60	-0.8674	1.9419	23.9883	19.5711	1.2257	1.1869	6.7681
-2.40	-0.6747	1.9092	29.6856	24.1798	1.2277	1.1742	6.6748
-2.20	-0.4847	1.8657	36.5157	29.5803	1.2345	1.1637	6.5687
-2.00	-0.2978	1.8105	43.6954	35.0464	1.2468	1.1559	6.4492
-1.80	-0.1139	1.7444	50.0640	39.6684	1.2621	1.1505	6.3156
-1.60	0.0671	1.6700	54.3581	42.6273	1.2752	1.1470	6.1701
-1.40	0.2462	1.5913	55.8910	43.5408	1.2836	1.1448	6.0170
-1.20	0.4241	1.5125	54.6853	42.4974	1.2868	1.1436	5.8630
-1.00	0.6019	1.4372	51.2911	39.9345	1.2844	1.1432	5.7144
-0.80	0.7805	1.3680	46.4748	36.4055	1.2766	1.1437	5.5761
-0.60	0.9605	1.3063	41.0647	32.4243	1.2665	1.1448	5.4516

T= 7600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.1423	1.2528	35.6211	28.3906	1.2547	1.1467	5.3431
-0.20	1.3262	1.2072	30.5326	24.5657	1.2429	1.1493	5.2513
0.0	1.5123	1.1692	26.0048	21.1008	1.2324	1.1529	5.1760
0.20	1.7006	1.1381	22.0899	18.0559	1.2234	1.1576	5.1170
0.40	1.8909	1.1131	18.7967	15.4456	1.2170	1.1638	5.0739
0.60	2.0833	1.0936	16.0638	13.2450	1.2128	1.1715	5.0460
0.80	2.2776	1.0794	13.8159	11.4130	1.2105	1.1812	5.0339
1.00	2.4739	1.0704	11.9833	9.9009	1.2103	1.1939	5.0396
1.20	2.6726	1.0670	10.4969	8.6635	1.2116	1.2103	5.0661
1.40	2.8740	1.0706	9.2977	7.6538	1.2148	1.2321	5.1201
1.60	3.0791	1.0832	8.3261	6.8343	1.2183	1.2616	5.2115
1.80	3.2893	1.1090	7.5426	6.1695	1.2226	1.3026	5.3582
2.00	3.5068	1.1544	6.9082	5.6307	1.2269	1.3595	5.5847
2.20	3.7342	1.2298	6.4045	5.1956	1.2327	1.4374	5.9271
2.40	3.9754	1.3521	0.0	4.8476	0.0	0.0	0.0

T= 7700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0839	2.9240	0.0	180.2950	0.0	0.0	0.0
-6.80	-4.9057	2.7812	0.0	165.3849	0.0	1.0964	7.8357
-6.60	-4.7263	2.6525	179.4325	147.3814	1.2175	1.0972	7.6549
-6.40	-4.5451	2.5396	154.9446	128.4192	1.2066	1.0984	7.4946
-6.20	-4.3621	2.4426	131.4595	109.9913	1.1952	1.1003	7.3563
-6.00	-4.1769	2.3607	110.2014	93.0380	1.1845	1.1027	7.2398
-5.80	-3.9896	2.2924	91.6057	77.9673	1.1749	1.1059	7.1446
-5.60	-3.8004	2.2361	75.7976	64.9303	1.1674	1.1098	7.0688
-5.40	-3.6095	2.1899	62.6310	53.8862	1.1623	1.1147	7.0109
-5.20	-3.4170	2.1523	51.8120	44.6500	1.1604	1.1208	6.9693
-5.00	-3.2232	2.1219	42.9646	37.0289	1.1603	1.1281	6.9424
-4.80	-3.0283	2.0973	35.8373	30.8068	1.1633	1.1366	6.9281
-4.60	-2.8324	2.0774	30.0905	25.7592	1.1681	1.1467	6.9258
-4.40	-2.6358	2.0612	25.5498	21.7127	1.1767	1.1583	6.9336
-4.20	-2.4386	2.0481	21.9555	18.5095	1.1862	1.1712	6.9496
-4.00	-2.2409	2.0371	19.2011	16.0307	1.1978	1.1849	6.9715
-3.80	-2.0429	2.0276	17.1806	14.1900	1.2108	1.1986	6.9953
-3.60	-1.8448	2.0190	15.8136	12.9473	1.2214	1.2105	7.0152
-3.40	-1.6466	2.0104	15.1595	12.3121	1.2313	1.2190	7.0248
-3.20	-1.4487	2.0010	15.2607	12.3448	1.2362	1.2218	7.0162
-3.00	-1.2512	1.9894	16.2520	13.1612	1.2348	1.2176	6.9837
-2.80	-1.0545	1.9742	18.3837	14.9260	1.2317	1.2075	6.9281
-2.60	-0.8591	1.9533	21.8498	17.7946	1.2279	1.1943	6.8536
-2.40	-0.6656	1.9246	26.7712	21.8140	1.2272	1.1807	6.7641
-2.20	-0.4744	1.8858	33.0353	26.7955	1.2329	1.1693	6.6632
-2.00	-0.2862	1.8354	40.0336	32.1935	1.2435	1.1605	6.5490
-1.80	-0.1010	1.7737	46.7132	37.1563	1.2572	1.1542	6.4203
-1.60	0.0811	1.7024	51.8795	40.7864	1.2720	1.1499	6.2782
-1.40	0.2609	1.6250	54.5402	42.5322	1.2823	1.1471	6.1263
-1.20	0.4392	1.5457	54.4487	42.2682	1.2882	1.1455	5.9709
-1.00	0.6170	1.4685	51.9267	40.3214	1.2878	1.1448	5.8182
-0.80	0.7951	1.3965	47.6962	37.2009	1.2821	1.1449	5.6739
-0.60	0.9744	1.3315	42.5565	33.4409	1.2726	1.1457	5.5423
-0.40	1.1554	1.2745	37.1867	29.4817	1.2613	1.1473	5.4263
-0.20	1.3385	1.2257	32.0237	25.6355	1.2492	1.1497	5.3269
0.0	1.5237	1.1847	27.3464	22.0870	1.2381	1.1531	5.2446

T= 7700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.7111	1.1509	23.2661	18.9342	1.2288	1.1575	5.1792
0.40	1.9007	1.1236	19.7873	16.2051	1.2211	1.1633	5.1302
0.60	2.0923	1.1022	16.8853	13.8897	1.2157	1.1706	5.0971
0.80	2.2861	1.0863	14.4932	11.9523	1.2126	1.1800	5.0806
1.00	2.4819	1.0760	12.5383	10.3473	1.2117	1.1923	5.0824
1.20	2.6801	1.0715	10.9459	9.0291	1.2123	1.2084	5.1060
1.40	2.8812	1.0742	9.6596	7.9520	1.2147	1.2299	5.1576
1.60	3.0860	1.0861	8.6144	7.0749	1.2176	1.2591	5.2474
1.80	3.2959	1.1113	7.7701	6.3621	1.2213	1.2999	5.3932
2.00	3.5131	1.1561	7.0924	5.7836	1.2263	1.3569	5.6201
2.20	3.7403	1.2310	6.5459	5.3164	1.2313	1.4346	5.9631
2.40	3.9813	1.3528	0.0	4.9409	0.0	0.0	0.0

T= 7800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0640	3.0223	0.0	182.6541	0.0	0.0	0.0
-6.80	-4.8861	2.8722	211.1557	171.3995	1.2319	1.0973	8.0179
-6.60	-4.7075	2.7341	190.5606	155.5155	1.2253	1.0978	7.8245
-6.40	-4.5275	2.6108	166.9817	137.4173	1.2151	1.0989	7.6496
-6.20	-4.3457	2.5036	143.2514	118.9745	1.2041	1.1003	7.4960
-6.00	-4.1619	2.4121	120.9723	101.4310	1.1927	1.1024	7.3645
-5.80	-3.9760	2.3352	101.0757	85.5007	1.1822	1.1051	7.2550
-5.60	-3.7880	2.2713	83.9299	71.5081	1.1737	1.1086	7.1665
-5.40	-3.5982	2.2187	69.4063	59.4754	1.1670	1.1129	7.0968
-5.20	-3.4067	2.1758	57.3981	49.3505	1.1631	1.1183	7.0447
-5.00	-3.2137	2.1408	47.5441	40.9290	1.1616	1.1248	7.0083
-4.80	-3.0195	2.1126	39.5547	33.9980	1.1634	1.1326	6.9861
-4.60	-2.8242	2.0897	33.0806	28.3615	1.1664	1.1419	6.9764
-4.40	-2.6281	2.0712	27.9220	23.8073	1.1728	1.1526	6.9780
-4.20	-2.4312	2.0562	23.8377	20.1735	1.1816	1.1646	6.9888
-4.00	-2.2339	2.0438	20.6544	17.3243	1.1922	1.1777	7.0067
-3.80	-2.0361	2.0333	18.2405	15.1590	1.2033	1.1913	7.0290
-3.60	-1.8381	2.0240	16.5473	13.6105	1.2158	1.2044	7.0514
-3.40	-1.6400	2.0152	15.5261	12.6620	1.2262	1.2147	7.0662
-3.20	-1.4420	2.0060	15.2385	12.3513	1.2338	1.2204	7.0666
-3.00	-1.2443	1.9953	15.7800	12.7637	1.2363	1.2199	7.0460
-2.80	-1.0473	1.9816	17.3345	14.0500	1.2338	1.2126	7.0009
-2.60	-0.8513	1.9632	20.1123	16.3466	1.2304	1.2009	6.9345
-2.40	-0.6570	1.9379	24.3041	19.7931	1.2279	1.1875	6.8511
-2.20	-0.4648	1.9034	29.9230	24.2979	1.2315	1.1751	6.7545
-2.00	-0.2753	1.8579	36.5581	29.4699	1.2405	1.1654	6.6455
-1.80	-0.0889	1.8007	43.3351	34.5835	1.2531	1.1581	6.5218
-1.60	0.0945	1.7329	49.1330	38.7445	1.2681	1.1530	6.3839
-1.40	0.2751	1.6575	52.8051	41.2332	1.2806	1.1496	6.2344
-1.20	0.4539	1.5785	53.7906	41.7581	1.2881	1.1476	6.0784
-1.00	0.6318	1.5000	52.2191	40.4737	1.2902	1.1465	5.9226
-0.80	0.8097	1.4255	48.6725	37.8259	1.2868	1.1462	5.7731
-0.60	0.9884	1.3575	43.9078	34.3447	1.2784	1.1468	5.6351
-0.40	1.1687	1.2972	38.6745	30.5084	1.2677	1.1481	5.5117
-0.20	1.3509	1.2451	33.5012	26.6711	1.2561	1.1502	5.4047
0.0	1.5352	1.2010	28.7006	23.0657	1.2443	1.1533	5.3152
0.20	1.7218	1.1644	24.4581	19.8181	1.2341	1.1575	5.2432
0.40	1.9106	1.1347	20.8166	16.9811	1.2259	1.1628	5.1878
0.60	2.1015	1.1113	17.7409	14.5530	1.2191	1.1698	5.1493

T= 7800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.2946	1.0938	15.2015	12.5096	1.2152	1.1789	5.1284
1.00	2.4899	1.0820	13.1181	10.8121	1.2133	1.1908	5.1263
1.20	2.6877	1.0764	11.4193	9.4131	1.2131	1.2065	5.1466
1.40	2.8883	1.0780	10.0369	8.2655	1.2143	1.2278	5.1959
1.60	3.0928	1.0892	8.9222	7.3295	1.2173	1.2569	5.2843
1.80	3.3025	1.1137	8.0139	6.5675	1.2202	1.2974	5.4287
2.00	3.5194	1.1579	7.2823	5.9485	1.2242	1.3540	5.6549
2.20	3.7464	1.2323	6.6985	5.4468	1.2298	1.4314	5.9983
2.40	3.9872	1.3536	0.0	5.0428	0.0	0.0	0.0

T= 7900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0445	3.1210	0.0	181.8524	C.0	0.0	0.0
-6.80	-4.8666	2.9658	216.3324	175.0220	1.2360	1.0986	8.2042
-6.60	-4.6886	2.8197	199.6253	162.0756	1.2317	1.0987	8.0001
-6.40	-4.5095	2.6868	178.0468	145.5394	1.2234	1.0994	7.8117
-6.20	-4.3289	2.5694	154.6819	127.5810	1.2124	1.1006	7.6433
-6.00	-4.1464	2.4681	131.8922	109.8004	1.2012	1.1023	7.4568
-5.80	-3.9618	2.3821	110.9356	93.2021	1.1903	1.1046	7.3729
-5.60	-3.7751	2.3102	92.4493	78.3298	1.1803	1.1077	7.2707
-5.40	-3.5865	2.2507	76.6822	65.3894	1.1727	1.1115	7.1888
-5.20	-3.3960	2.2018	63.4271	54.3521	1.1670	1.1163	7.1257
-5.00	-3.2039	2.1620	52.5085	45.1157	1.1639	1.1221	7.0793
-4.80	-3.0105	2.1297	43.5633	37.4586	1.1630	1.1291	7.0481
-4.60	-2.8158	2.1035	36.3404	31.1791	1.1655	1.1375	7.0308
-4.40	-2.6202	2.0824	30.5464	26.0924	1.1707	1.1474	7.0256
-4.20	-2.4238	2.0652	25.9220	22.0080	1.1778	1.1587	7.0311
-4.00	-2.2268	2.0512	22.2911	18.7737	1.1874	1.1711	7.0445
-3.80	-2.0293	2.0395	19.4886	16.2666	1.1981	1.1844	7.0642
-3.60	-1.8314	2.0294	17.4357	14.4101	1.2100	1.1978	7.0862
-3.40	-1.6334	2.0201	16.0676	13.1624	1.2207	1.2096	7.1048
-3.20	-1.4354	2.0109	15.4128	12.5323	1.2298	1.2176	7.1120
-3.00	-1.2376	2.0007	15.5387	12.5807	1.2351	1.2203	7.1019
-2.80	-1.0403	1.9883	16.5888	13.4252	1.2356	1.2162	7.0680
-2.60	-0.8439	1.9719	18.7647	15.2247	1.2325	1.2065	7.0107
-2.40	-0.6488	1.9495	22.2690	18.1055	1.2300	1.1940	6.9346
-2.20	-0.4557	1.9189	27.1971	22.0862	1.2314	1.1813	6.8433
-2.00	-0.2651	1.8779	33.3293	26.9296	1.2376	1.1706	6.7388
-1.80	-0.0774	1.8253	40.0156	32.0343	1.2491	1.1622	6.6200
-1.60	0.1071	1.7615	46.1910	36.5578	1.2635	1.1564	6.4869
-1.40	0.2888	1.6887	50.7115	39.6962	1.2775	1.1523	6.3403
-1.20	0.4682	1.6106	52.7480	40.9733	1.2874	1.1497	6.1850
-1.00	0.6463	1.5314	52.1572	40.3746	1.2918	1.1483	6.0273
-0.80	0.8241	1.4549	49.3725	38.2566	1.2906	1.1478	5.8735
-0.60	1.0024	1.3841	45.0817	35.1147	1.2838	1.1480	5.7292
-0.40	1.1820	1.3206	40.0631	31.4525	1.2738	1.1490	5.5988
-0.20	1.3634	1.2653	34.9231	27.6666	1.2623	1.1508	5.4846
0.0	1.5469	1.2181	30.0448	24.0291	1.2503	1.1536	5.3878
0.20	1.7326	1.1787	25.6572	20.7035	1.2393	1.1573	5.3084
0.40	1.9206	1.1465	21.8538	17.7651	1.2302	1.1624	5.2471
0.60	2.1108	1.1210	18.6303	15.2302	1.2233	1.1691	5.2032
0.80	2.3033	1.1016	15.9342	13.0848	1.2178	1.1777	5.1770
1.00	2.4980	1.0884	13.7206	11.2941	1.2148	1.1894	5.1712
1.20	2.6953	1.0815	11.9110	9.8116	1.2140	1.2048	5.1881

T= 7900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	2.8955	1.0822	10.4394	8.5936	1.2148	1.2257	5.2346
1.60	3.0996	1.0925	9.2424	7.5979	1.2164	1.2544	5.3208
1.80	3.3090	1.1163	8.2748	6.7854	1.2195	1.2948	5.4644
2.00	3.5257	1.1599	7.4915	6.1241	1.2233	1.3513	5.6903
2.20	3.7525	1.2338	6.8600	5.5864	1.2280	1.4281	6.0332
2.40	3.9930	1.3545	0.0	5.1535	0.0	0.0	0.0

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0257	3.2182	0.0	177.7656	0.0	0.0	0.0
-6.80	-4.8475	3.0607	217.6887	175.9692	1.2371	1.1000	8.3925
-6.60	-4.6697	2.9083	206.0681	166.6972	1.2362	1.0998	8.1803
-6.40	-4.4913	2.7669	187.5211	152.4462	1.2301	1.1002	7.9800
-6.20	-4.3117	2.6398	165.4481	135.5341	1.2207	1.1011	7.7979
-6.00	-4.1304	2.5286	142.6689	117.9115	1.2100	1.1025	7.6367
-5.80	-3.9471	2.4333	120.9492	100.9188	1.1985	1.1044	7.4980
-5.60	-3.7617	2.3529	101.3419	85.3440	1.1875	1.1071	7.3819
-5.40	-3.5742	2.2859	84.3201	71.5314	1.1788	1.1104	7.2871
-5.20	-3.3849	2.2307	69.8681	59.6255	1.1718	1.1147	7.2123
-5.00	-3.1937	2.1855	57.8342	49.5426	1.1674	1.1199	7.1555
-4.80	-3.0011	2.1488	47.9573	41.1482	1.1655	1.1263	7.1153
-4.60	-2.8072	2.1190	39.9092	34.2212	1.1662	1.1339	7.0899
-4.40	-2.6122	2.0948	33.3940	28.5639	1.1691	1.1429	7.0772
-4.20	-2.4162	2.0753	28.1978	24.0019	1.1748	1.1533	7.0761
-4.00	-2.2196	2.0594	24.0868	20.3610	1.1830	1.1652	7.0851
-3.80	-2.0223	2.0462	20.8731	17.5040	1.1925	1.1781	7.1016
-3.60	-1.8247	2.0351	18.4699	15.3293	1.2049	1.1913	7.1217
-3.40	-1.6268	2.0252	16.7677	13.7876	1.2161	1.2038	7.1417
-3.20	-1.4289	2.0158	15.7574	12.8550	1.2258	1.2138	7.1546
-3.00	-1.2310	2.0059	15.5050	12.5728	1.2332	1.2191	7.1525
-2.80	-1.0335	1.9943	16.0971	13.0282	1.2356	1.2183	7.1296
-2.60	-0.8367	1.9795	17.7290	14.3620	1.2344	1.2113	7.0825
-2.40	-0.6411	1.9597	20.5975	16.7217	1.2318	1.2000	7.0140
-2.20	-0.4472	1.9325	24.8399	20.1771	1.2311	1.1875	6.9286
-2.00	-0.2555	1.8957	30.4192	24.6025	1.2364	1.1759	6.8289
-1.80	-0.0667	1.8476	36.8400	29.5643	1.2461	1.1667	6.7154
-1.60	0.1191	1.7880	43.1822	34.2906	1.2593	1.1598	6.5866
-1.40	0.3018	1.7183	48.3654	37.9609	1.2741	1.1551	6.4439
-1.20	0.4820	1.6418	51.3583	39.9406	1.2859	1.1520	6.2903
-1.00	0.6605	1.5625	51.7489	40.0444	1.2923	1.1502	6.1316
-0.80	0.8383	1.4845	49.7830	38.4947	1.2932	1.1493	5.9745
-0.60	1.0163	1.4112	46.0685	35.7483	1.2887	1.1492	5.8248
-0.40	1.1953	1.3448	41.3446	32.3126	1.2795	1.1499	5.6876
-0.20	1.3760	1.2862	36.2905	28.6164	1.2682	1.1514	5.5661
0.0	1.5587	1.2359	31.3844	24.9779	1.2565	1.1539	5.4622
0.20	1.7436	1.1937	26.8823	21.5933	1.2449	1.1574	5.3760
0.40	1.9307	1.1589	22.9223	18.5637	1.2348	1.1621	5.3080
0.60	2.1202	1.1312	19.5423	15.9303	1.2267	1.1684	5.2583
0.80	2.3120	1.1100	16.7061	13.6854	1.2207	1.1768	5.2274
1.00	2.5062	1.0951	14.3583	11.8002	1.2168	1.1879	5.2168
1.20	2.7029	1.0870	12.4364	10.2361	1.2150	1.2029	5.2301
1.40	2.9028	1.0866	10.8686	8.9471	1.2148	1.2234	5.2734
1.60	3.1065	1.0960	9.5927	7.8892	1.2159	1.2519	5.3575
1.80	3.3156	1.1191	8.5609	7.0256	1.2185	1.2920	5.4996

T= 8000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.5319	1.1621	7.7245	6.3208	1.2221	1.3479	5.7245
2.20	3.7585	1.2354	7.0502	5.7475	1.2267	1.4247	6.0679
2.40	3.9988	1.3555	0.0	5.2840	0.0	0.0	0.0

T= 8100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-5.0078	3.3121	0.0	170.5545	0.0	0.0	0.0
-6.80	-4.8289	3.1551	214.8025	173.9839	1.2346	1.1016	8.5802
-6.60	-4.6510	2.9988	209.3686	169.0557	1.2385	1.1011	8.3632
-6.40	-4.4730	2.8503	194.9609	157.7777	1.2357	1.1012	8.1536
-6.20	-4.2943	2.7143	175.1370	142.5698	1.2284	1.1018	7.9588
-6.00	-4.1140	2.5935	152.9299	125.6046	1.2175	1.1028	7.7835
-5.80	-3.9319	2.4887	130.9257	108.5206	1.2065	1.1045	7.6303
-5.60	-3.7478	2.3995	110.4608	92.4005	1.1955	1.1067	7.4999
-5.40	-3.5616	2.3246	92.2902	77.8697	1.1852	1.1097	7.3919
-5.20	-3.3733	2.2626	76.6574	65.1313	1.1770	1.1134	7.3047
-5.00	-3.1832	2.2116	63.5154	54.2307	1.1712	1.1181	7.2371
-4.80	-2.9915	2.1699	52.6242	45.0675	1.1677	1.1238	7.1869
-4.60	-2.7983	2.1361	43.7162	37.4645	1.1669	1.1307	7.1527
-4.40	-2.6039	2.1087	36.5002	31.2325	1.1687	1.1390	7.1325
-4.20	-2.4085	2.0865	30.6739	26.1627	1.1724	1.1486	7.1248
-4.00	-2.2123	2.0684	26.0587	22.0903	1.1796	1.1597	7.1281
-3.80	-2.0154	2.0537	22.4288	18.8680	1.1887	1.1720	7.1402
-3.60	-1.8180	2.0413	19.6326	16.3726	1.1991	1.1851	7.1582
-3.40	-1.6203	2.0306	17.6000	14.5298	1.2113	1.1979	7.1781
-3.20	-1.4224	2.0208	16.2650	13.3082	1.2222	1.2093	7.1947
-3.00	-1.2245	2.0109	15.6486	12.7168	1.2305	1.2170	7.1999
-2.80	-1.0269	1.9999	15.8259	12.8203	1.2344	1.2191	7.1862
-2.60	-0.8298	1.9864	16.9811	13.7342	1.2364	1.2148	7.1493
-2.40	-0.6338	1.9686	19.2566	15.6052	1.2340	1.2054	7.0894
-2.20	-0.4391	1.9444	22.8502	18.5441	1.2322	1.1934	7.0106
-2.00	-0.2466	1.9114	27.8309	22.5239	1.2356	1.1815	6.9162
-1.80	-0.0566	1.8677	33.8614	27.2276	1.2436	1.1714	6.8075
-1.60	0.1303	1.8124	40.2107	32.0320	1.2553	1.1637	6.6838
-1.40	0.3142	1.7462	45.8320	36.0929	1.2698	1.1582	6.5452
-1.20	0.4953	1.6718	49.6667	38.6879	1.2838	1.1545	6.3941
-1.00	0.6743	1.5931	51.0119	39.4799	1.2921	1.1521	6.2351
-0.80	0.8523	1.5142	49.8953	38.5298	1.2950	1.1508	6.0753
-0.60	1.0301	1.4388	46.8257	36.2284	1.2925	1.1506	5.9215
-0.40	1.2086	1.3695	42.4916	33.0674	1.2850	1.1510	5.7783
-0.20	1.3886	1.3079	37.5905	29.5050	1.2740	1.1523	5.6498
0.0	1.5706	1.2545	32.6873	25.8923	1.2624	1.1544	5.5384
0.20	1.7546	1.2093	28.0894	22.4685	1.2502	1.1575	5.4453
0.40	1.9410	1.1720	24.0042	19.3649	1.2396	1.1619	5.3707
0.60	2.1297	1.1420	20.4754	16.6389	1.2306	1.1678	5.3148
0.80	2.3208	1.1188	17.5049	14.2980	1.2243	1.1759	5.2789
1.00	2.5144	1.1023	15.0208	12.3223	1.2190	1.1866	5.2635
1.20	2.7106	1.0928	12.9828	10.6744	1.2163	1.2011	5.2729
1.40	2.9100	1.0913	11.3159	9.3124	1.2151	1.2212	5.3130
1.60	3.1134	1.0998	9.9616	8.1930	1.2159	1.2495	5.3952
1.80	3.3221	1.1221	8.8580	7.2762	1.2174	1.2889	5.5348
2.00	3.5382	1.1644	7.9643	6.5270	1.2202	1.3447	5.7589
2.20	3.7645	1.2371	7.2451	5.9158	1.2247	1.4214	6.1030
2.40	4.0046	1.3567	0.0	5.4209	0.0	0.0	0.0

T= 8200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9910	3.4011	0.0	160.5903	0.0	0.0	0.0
-6.80	-4.8110	3.2476	0.0	169.1693	0.0	1.1035	8.7663
-6.60	-4.6326	3.0899	209.3803	168.9836	1.2391	1.1026	8.5472
-6.40	-4.4548	2.9361	199.9558	161.3374	1.2394	1.1023	8.3308
-6.20	-4.2766	2.7923	183.2632	148.4511	1.2345	1.1026	8.1251
-6.00	-4.0973	2.6624	162.5740	132.6491	1.2256	1.1034	7.9366
-5.80	-3.9163	2.5482	140.7165	115.8747	1.2144	1.1047	7.7693
-5.60	-3.7334	2.4499	119.6973	99.5029	1.2030	1.1066	7.6246
-5.40	-3.5484	2.3669	100.5630	84.3370	1.1924	1.1092	7.5030
-5.20	-3.3613	2.2975	83.8346	70.8481	1.1833	1.1125	7.4033
-5.00	-3.1723	2.2402	69.5545	59.1551	1.1758	1.1166	7.3239
-4.80	-2.9815	2.1933	57.6480	49.2311	1.1710	1.1218	7.2635
-4.60	-2.7891	2.1551	47.8283	40.9373	1.1683	1.1280	7.2199
-4.40	-2.5954	2.1240	39.8440	34.0833	1.1690	1.1355	7.1915
-4.20	-2.4006	2.0989	33.3864	28.4910	1.1718	1.1445	7.1771
-4.00	-2.2048	2.0785	28.2406	23.9701	1.1782	1.1548	7.1742
-3.80	-2.0083	2.0619	24.1313	20.3582	1.1853	1.1664	7.1810
-3.60	-1.8112	2.0481	20.9493	17.5276	1.1952	1.1790	7.1956
-3.40	-1.6137	2.0364	18.5597	15.3917	1.2058	1.1919	7.2144
-3.20	-1.4159	2.0260	16.9021	13.8868	1.2171	1.2040	7.2323
-3.00	-1.2181	2.0159	15.9478	13.0006	1.2267	1.2135	7.2427
-2.80	-1.0204	2.0052	15.7755	12.7798	1.2344	1.2183	7.2378
-2.60	-0.8232	1.9926	16.4576	13.3145	1.2361	1.2173	7.2119
-2.40	-0.6267	1.9765	18.2078	14.7408	1.2352	1.2100	7.1611
-2.20	-0.4315	1.9548	21.2127	17.1863	1.2343	1.1990	7.0892
-2.00	-0.2381	1.9253	25.5553	20.6911	1.2351	1.1871	7.0005
-1.80	-0.0471	1.8857	31.1033	25.0619	1.2411	1.1763	6.8966
-1.60	0.1410	1.8347	37.3088	29.7991	1.2520	1.1677	6.7778
-1.40	0.3260	1.7724	43.2017	34.1203	1.2662	1.1614	6.6437
-1.20	0.5080	1.7006	47.6934	37.2573	1.2801	1.1571	6.4958
-1.00	0.6877	1.6229	49.9628	38.6900	1.2914	1.1543	6.3381
-0.80	0.8659	1.5436	49.7220	38.3574	1.2963	1.1526	6.1767
-0.60	1.0437	1.4665	47.3405	36.5420	1.2955	1.1519	6.0187
-0.40	1.2219	1.3948	43.4675	33.7020	1.2898	1.1521	5.8700
-0.20	1.4013	1.3302	38.8011	30.3122	1.2800	1.1531	5.7350
0.0	1.5825	1.2738	33.9358	26.7619	1.2681	1.1549	5.6166
0.20	1.7658	1.2257	29.2880	23.3196	1.2559	1.1578	5.5163
0.40	1.9514	1.1857	25.0875	20.1529	1.2449	1.1619	5.4352
0.60	2.1394	1.1533	21.4206	17.3424	1.2352	1.1676	5.3735
0.80	2.3298	1.1281	18.2971	14.9104	1.2271	1.1752	5.3318
1.00	2.5227	1.1099	15.6923	12.8456	1.2216	1.1856	5.3119
1.20	2.7184	1.0990	13.5359	11.1152	1.2178	1.1998	5.3173
1.40	2.9173	1.0962	11.7701	9.6794	1.2160	1.2197	5.3545
1.60	3.1203	1.1038	10.3317	8.4971	1.2159	1.2477	5.4341
1.80	3.3287	1.1252	9.1584	7.5257	1.2169	1.2865	5.5715
2.00	3.5444	1.1669	8.2053	6.7305	1.2191	1.3419	5.7945
2.20	3.7705	1.2390	7.4363	6.0816	1.2228	1.4181	6.1379
2.40	4.0103	1.3579	0.0	5.5537	0.0	0.0	0.0

T= 8300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9753	3.4839	0.0	148.3872	0.0	0.0	0.0
-6.80	-4.7940	3.3365	198.5986	161.6833	1.2283	1.1058	8.9487
-6.60	-4.6149	3.1802	205.9186	166.3533	1.2378	1.1044	8.7310

T= 8300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.40	-4.4368	3.0233	202.1128	162.8224	1.2413	1.1037	8.5101
-6.20	-4.2590	2.8731	189.4370	152.8680	1.2392	1.1036	8.2958
-6.00	-4.0804	2.7349	171.0999	138.8167	1.2326	1.1041	8.0956
-5.80	-3.9004	2.6116	150.1183	122.7742	1.2227	1.1051	7.9145
-5.60	-3.7186	2.5043	128.8567	106.4233	1.2108	1.1067	7.7559
-5.40	-3.5348	2.4127	109.0018	90.8591	1.1997	1.1089	7.6204
-5.20	-3.3489	2.3356	91.2432	76.7045	1.1895	1.1119	7.5077
-5.00	-3.1610	2.2717	75.9090	64.2744	1.1810	1.1156	7.4165
-4.80	-2.9712	2.2190	62.9840	53.5967	1.1751	1.1202	7.3452
-4.60	-2.7797	2.1760	52.2511	44.6046	1.1714	1.1259	7.2921
-4.40	-2.5867	2.1410	43.4474	37.1326	1.1701	1.1328	7.2552
-4.20	-2.3925	2.1126	36.3054	30.9871	1.1716	1.1409	7.2329
-4.00	-2.1973	2.0896	30.5413	25.9982	1.1747	1.1505	7.2234
-3.80	-2.0012	2.0709	25.9996	21.9802	1.1829	1.1613	7.2248
-3.60	-1.8044	2.0555	22.4003	18.8084	1.1910	1.1734	7.2351
-3.40	-1.6071	2.0426	19.6606	16.3598	1.2018	1.1862	7.2519
-3.20	-1.4095	2.0314	17.6763	14.5724	1.2130	1.1987	7.2698
-3.00	-1.2118	2.0209	16.3957	13.4090	1.2227	1.2093	7.2833
-2.80	-1.0140	2.0104	15.8657	12.8844	1.2314	1.2164	7.2853
-2.60	-0.8166	1.9984	16.1471	13.0745	1.2350	1.2181	7.2686
-2.40	-0.6199	1.9836	17.4330	14.0953	1.2369	1.2136	7.2285
-2.20	-0.4242	1.9641	19.8581	16.0818	1.2348	1.2042	7.1647
-2.00	-0.2301	1.9376	23.6041	19.1117	1.2351	1.1926	7.0820
-1.80	-0.0381	1.9019	28.6396	23.0988	1.2399	1.1814	6.9833
-1.60	0.1510	1.8550	34.5653	27.6563	1.2498	1.1719	6.8691
-1.40	0.3371	1.7967	40.5370	32.1117	1.2624	1.1649	6.7397
-1.20	0.5202	1.7279	45.5346	35.6664	1.2767	1.1599	6.5954
-1.00	0.7007	1.6519	48.6118	37.7015	1.2894	1.1565	6.4395
-0.80	0.8793	1.5727	49.2604	37.9801	1.2970	1.1546	6.2778
-0.60	1.0571	1.4944	47.6181	36.6859	1.2980	1.1535	6.1167
-0.40	1.2351	1.4204	44.2658	34.2103	1.2939	1.1534	5.9630
-0.20	1.4140	1.3531	39.8991	31.0367	1.2855	1.1541	5.8219
0.0	1.5945	1.2937	35.1311	27.5789	1.2738	1.1556	5.6964
0.20	1.7771	1.2427	30.4624	24.1451	1.2616	1.1582	5.5893
0.40	1.9619	1.2000	26.1639	20.9311	1.2500	1.1620	5.5015
0.60	2.1491	1.1652	22.3689	18.0459	1.2396	1.1674	5.4335
0.80	2.3388	1.1379	19.1095	15.5278	1.2307	1.1746	5.3861
1.00	2.5311	1.1179	16.3748	13.3755	1.2242	1.1848	5.3618
1.20	2.7262	1.1055	14.1077	11.5642	1.2200	1.1987	5.3631
1.40	2.9247	1.1015	12.2401	10.0553	1.2173	1.2182	5.3967
1.60	3.1272	1.1080	10.7125	8.8079	1.2162	1.2454	5.4727
1.80	3.3352	1.1286	9.4697	7.7827	1.2168	1.2845	5.6093
2.00	3.5507	1.1696	8.4573	6.9406	1.2185	1.3394	5.8310
2.20	3.7764	1.2410	7.6414	6.2516	1.2223	1.4150	6.1735
2.40	4.0160	1.3593	0.0	5.6904	0.0	0.0	0.0

T= 8400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9607	3.5593	0.0	134.8225	0.0	0.0	0.0
-6.80	-4.7780	3.4205	185.6684	151.8563	1.2227	1.1084	9.1258
-6.60	-4.5978	3.2682	199.0279	161.2128	1.2346	1.1064	8.9120
-6.40	-4.4193	3.1106	201.2507	162.1038	1.2415	1.1052	8.6900
-6.20	-4.2414	2.9559	193.3502	155.6288	1.2424	1.1048	8.4696
-6.00	-4.0633	2.8105	178.1087	143.8514	1.2381	1.1050	8.2595

T= 8400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.80	-3.8842	2.6786	158.6911	129.0193	1.2300	1.1057	8.0660
-5.60	-3.7035	2.5623	137.7953	113.0451	1.2189	1.1070	7.8935
-5.40	-3.5208	2.4620	117.4565	97.3062	1.2071	1.1090	7.7442
-5.20	-3.3361	2.3770	98.8880	82.6495	1.1965	1.1115	7.6179
-5.00	-3.1493	2.3059	82.5581	69.5510	1.1870	1.1148	7.5143
-4.80	-2.9605	2.2472	68.5991	58.1555	1.1796	1.1189	7.4317
-4.60	-2.7699	2.1990	56.9339	48.4706	1.1746	1.1241	7.3685
-4.40	-2.5777	2.1596	47.2914	40.3586	1.1718	1.1303	7.3225
-4.20	-2.3842	2.1277	39.4599	33.6494	1.1727	1.1378	7.2922
-4.00	-2.1895	2.1018	33.0814	28.1633	1.1746	1.1466	7.2759
-3.80	-1.9939	2.0808	28.0032	23.7356	1.1798	1.1568	7.2715
-3.60	-1.7975	2.0636	24.0041	20.2023	1.1882	1.1683	7.2773
-3.40	-1.6005	2.0493	20.8769	17.4458	1.1967	1.1807	7.2904
-3.20	-1.4031	2.0371	18.5660	15.3636	1.2084	1.1934	7.3078
-3.00	-1.2054	2.0261	16.9773	13.9227	1.2194	1.2050	7.3232
-2.80	-1.0077	2.0154	16.1001	13.1153	1.2276	1.2136	7.3300
-2.60	-0.8102	2.0039	16.0368	12.9882	1.2347	1.2176	7.3209
-2.40	-0.6132	1.9901	16.8675	13.6388	1.2367	1.2159	7.2905
-2.20	-0.4171	1.9724	18.7886	15.1947	1.2365	1.2087	7.2364
-2.00	-0.2224	1.9485	21.9582	17.7690	1.2358	1.1978	7.1601
-1.80	-0.0297	1.9162	26.4473	21.3397	1.2393	1.1865	7.0668
-1.60	0.1605	1.8734	31.9842	25.6418	1.2473	1.1764	6.9579
-1.40	0.3477	1.8191	37.9236	30.1137	1.2593	1.1686	6.8334
-1.20	0.5318	1.7538	43.2672	33.9829	1.2732	1.1629	6.6930
-1.00	0.7132	1.6799	47.0184	36.5441	1.2866	1.1590	6.5396
-0.80	0.8924	1.6013	48.5191	37.4195	1.2966	1.1565	6.3781
-0.60	1.0704	1.5222	47.6519	36.6577	1.2999	1.1552	6.2150
-0.40	1.2482	1.4464	44.8769	34.5870	1.2975	1.1547	6.0570
-0.20	1.4267	1.3765	40.8577	31.6687	1.2902	1.1551	5.9100
0.0	1.6066	1.3143	36.2647	28.3383	1.2797	1.1565	5.7782
0.20	1.7884	1.2604	31.6062	24.9374	1.2674	1.1588	5.6642
0.40	1.9724	1.2150	27.2357	21.6969	1.2553	1.1622	5.5693
0.60	2.1589	1.1777	23.3234	18.7469	1.2441	1.1672	5.4949
0.80	2.3479	1.1482	19.9383	16.1489	1.2347	1.1742	5.4420
1.00	2.5396	1.1264	17.0778	13.9122	1.2275	1.1842	5.4128
1.20	2.7341	1.1124	14.6899	12.0218	1.2219	1.1978	5.4099
1.40	2.9321	1.1071	12.7221	10.4405	1.2185	1.2167	5.4395
1.60	3.1342	1.1125	11.1093	9.1281	1.2170	1.2439	5.5134
1.80	3.3418	1.1322	9.7891	8.0466	1.2166	1.2824	5.6475
2.00	3.5569	1.1724	8.7173	7.1577	1.2179	1.3372	5.8681
2.20	3.7824	1.2431	7.8471	6.4277	1.2208	1.4126	6.2106
2.40	4.0217	1.3608	0.0	5.8322	0.0	0.0	0.0

T= 8500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9474	3.6269	0.0	120.4023	0.0	0.0	0.0
-6.80	-4.7631	3.4985	170.5982	140.2601	1.2163	1.1115	9.2968
-6.60	-4.5816	3.3526	189.0031	153.7479	1.2293	1.1087	9.0896
-6.40	-4.4023	3.1968	197.1923	159.0572	1.2398	1.1070	8.8689
-6.20	-4.2242	3.0396	194.6412	156.4546	1.2441	1.1062	8.6451
-6.00	-4.0463	2.8885	183.2531	147.5000	1.2424	1.1061	8.4271
-5.80	-3.8678	2.7488	166.1079	134.3899	1.2360	1.1066	8.2226
-5.60	-3.6880	2.6239	146.2173	119.1873	1.2268	1.1076	8.0372
-5.40	-3.5065	2.5148	125.8387	103.5479	1.2153	1.1092	7.8741

T= 8500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-3.3229	2.4216	106.6061	88.5704	1.2036	1.1113	7.7341
-5.00	-3.1372	2.3431	89.3920	74.9026	1.1934	1.1142	7.6177
-4.80	-2.9494	2.2779	74.4799	62.8509	1.1850	1.1179	7.5232
-4.60	-2.7598	2.2241	61.8566	52.4961	1.1783	1.1225	7.4492
-4.40	-2.5685	2.1801	51.3879	43.7443	1.1747	1.1283	7.3941
-4.20	-2.3757	2.1443	42.7746	36.4510	1.1735	1.1351	7.3555
-4.00	-2.1816	2.1152	35.8157	30.4684	1.1755	1.1432	7.3315
-3.80	-1.9865	2.0917	30.1758	25.6004	1.1787	1.1529	7.3212
-3.60	-1.7905	2.0724	25.7144	21.6971	1.1852	1.1636	7.3213
-3.40	-1.5938	2.0566	22.2198	18.6096	1.1940	1.1755	7.3305
-3.20	-1.3966	2.0433	19.5512	16.2521	1.2030	1.1880	7.3454
-3.00	-1.1991	2.0315	17.6620	14.5367	1.2150	1.2001	7.3614
-2.80	-1.0015	2.0205	16.4862	13.4585	1.2250	1.2102	7.3725
-2.60	-0.8040	2.0091	16.0668	13.0363	1.2325	1.2165	7.3707
-2.40	-0.6068	1.9961	16.5028	13.3461	1.2365	1.2172	7.3488
-2.20	-0.4103	1.9798	17.9667	14.5087	1.2383	1.2121	7.3034
-2.00	-0.2151	1.9582	20.5944	16.6388	1.2377	1.2025	7.2348
-1.80	-0.0216	1.9291	24.5167	19.7892	1.2389	1.1914	7.1472
-1.60	0.1695	1.8900	29.6125	23.7847	1.2450	1.1810	7.0438
-1.40	0.3578	1.8397	35.3844	28.1662	1.2563	1.1725	6.9242
-1.20	0.5429	1.7780	40.9375	32.2369	1.2699	1.1661	6.7886
-1.00	0.7252	1.7067	45.2546	35.2400	1.2842	1.1616	6.6382
-0.80	0.9050	1.6292	47.5120	36.6891	1.2950	1.1586	6.4775
-0.60	1.0833	1.5499	47.4342	36.4662	1.3008	1.1569	6.3131
-0.40	1.2611	1.4725	45.2875	34.8287	1.3003	1.1561	6.1514
-0.20	1.4393	1.4004	41.6892	32.2040	1.2945	1.1563	5.9993
0.0	1.6186	1.3354	37.3138	29.0342	1.2852	1.1574	5.8613
0.20	1.7998	1.2787	32.7152	25.6938	1.2733	1.1595	5.7406
0.40	1.9831	1.2305	28.2958	22.4420	1.2608	1.1627	5.6392
0.60	2.1688	1.1907	24.2823	19.4425	1.2489	1.1674	5.5584
0.80	2.3571	1.1590	20.7805	16.7716	1.2390	1.1741	5.4997
1.00	2.5481	1.1352	17.7915	14.4567	1.2307	1.1836	5.4650
1.20	2.7421	1.1196	15.2880	12.4847	1.2245	1.1969	5.4576
1.40	2.9395	1.1130	13.2172	10.8297	1.2205	1.2157	5.4841
1.60	3.1412	1.1173	11.5109	9.4536	1.2176	1.2424	5.5545
1.80	3.3484	1.1360	10.1186	8.3152	1.2169	1.2807	5.6868
2.00	3.5632	1.1754	8.9801	7.3775	1.2172	1.3348	5.9052
2.20	3.7883	1.2454	8.0579	6.6058	1.2198	1.4102	6.2480
2.40	4.0273	1.3624	0.0	5.9755	0.0	0.0	0.0

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9353	3.6864	0.0	106.0177	0.0	0.0	0.0
-6.80	-4.7493	3.5696	154.1962	127.4870	1.2095	1.1150	9.4610
-6.60	-4.5663	3.4322	176.6109	144.3300	1.2237	1.1114	9.2620
-6.40	-4.3859	3.2806	190.2868	153.8866	1.2365	1.1091	9.0458
-6.20	-4.2073	3.1232	193.2547	155.3633	1.2439	1.1078	8.8210
-6.00	-4.0294	2.9680	186.4103	149.6650	1.2455	1.1073	8.5971
-5.80	-3.8514	2.8217	172.2356	138.7627	1.2412	1.1074	8.3830
-5.60	-3.6724	2.6886	153.8565	124.7599	1.2332	1.1082	8.1857
-5.40	-3.4918	2.5710	133.9291	109.5231	1.2228	1.1095	8.0094
-5.20	-3.3093	2.4695	114.3346	94.4239	1.2109	1.1113	7.8560
-5.00	-3.1247	2.3833	96.3713	80.3290	1.1997	1.1139	7.7266
-4.80	-2.9381	2.3112	80.5931	67.6875	1.1907	1.1172	7.6201

T= 8600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.7494	2.2515	67.0461	56.6703	1.1831	1.1214	7.5352
-4.40	-2.5590	2.2025	55.7076	47.2905	1.1780	1.1265	7.4697
-4.20	-2.3669	2.1625	46.3293	39.4352	1.1748	1.1328	7.4223
-4.00	-2.1735	2.1300	38.6892	32.9245	1.1751	1.1404	7.3908
-3.80	-1.9789	2.1036	32.5329	27.6081	1.1784	1.1491	7.3731
-3.60	-1.7834	2.0821	27.5747	23.3118	1.1829	1.1594	7.3681
-3.40	-1.5871	2.0645	23.6922	19.8867	1.1914	1.1708	7.3729
-3.20	-1.3902	2.0499	20.6757	17.2344	1.1997	1.1830	7.3847
-3.00	-1.1929	2.0372	18.4527	15.2492	1.2101	1.1952	7.3998
-2.80	-0.9953	2.0257	16.9706	13.9054	1.2204	1.2063	7.4131
-2.60	-0.7978	2.0143	16.2437	13.2046	1.2302	1.2144	7.4169
-2.40	-0.6005	2.0018	16.3098	13.2033	1.2353	1.2173	7.4028
-2.20	-0.4038	1.9866	17.3300	14.0032	1.2376	1.2146	7.3665
-2.00	-0.2081	1.9670	19.4585	15.7310	1.2369	1.2069	7.3066
-1.80	-0.0140	1.9405	22.8535	18.4481	1.2388	1.1962	7.2252
-1.60	0.1780	1.9050	27.4675	22.0931	1.2433	1.1857	7.1270
-1.40	0.3673	1.8586	32.9728	26.3044	1.2535	1.1765	7.0123
-1.20	0.5535	1.8006	38.5968	30.4741	1.2665	1.1694	6.8814
-1.00	0.7367	1.7322	43.3240	33.8303	1.2806	1.1643	6.7347
-0.80	0.9172	1.6564	46.2812	35.7814	1.2934	1.1608	6.5757
-0.60	1.0960	1.5772	46.9747	36.1003	1.3012	1.1587	6.4108
-0.40	1.2738	1.4987	45.4885	34.9243	1.3025	1.1576	6.2464
-0.20	1.4518	1.4245	42.3664	32.6280	1.2985	1.1575	6.0895
0.0	1.6307	1.3570	38.2533	29.6563	1.2899	1.1583	5.9454
0.20	1.8112	1.2975	33.7616	26.4023	1.2787	1.1600	5.8181
0.40	1.9938	1.2466	29.3268	23.1614	1.2662	1.1631	5.7103
0.60	2.1788	1.2043	25.2354	20.1221	1.2541	1.1676	5.6233
0.80	2.3664	1.1703	21.6178	17.3872	1.2433	1.1742	5.5590
1.00	2.5567	1.1445	18.5090	14.9961	1.2343	1.1832	5.5187
1.20	2.7501	1.1272	15.8929	12.9492	1.2273	1.1961	5.5063
1.40	2.9470	1.1192	13.7153	11.2225	1.2221	1.2147	5.5292
1.60	3.1482	1.1223	11.9231	9.7800	1.2191	1.2412	5.5970
1.80	3.3550	1.1400	10.4530	8.5854	1.2175	1.2790	5.7264
2.00	3.5694	1.1786	9.2511	7.5969	1.2178	1.3331	5.9442
2.20	3.7943	1.2479	8.2750	6.7836	1.2198	1.4077	6.2854
2.40	4.0330	1.3642	0.0	6.1171	0.0	0.0	0.0

T= 8700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9242	3.7379	0.0	92.3286	0.0	0.0	0.0
-6.80	-4.7366	3.6333	137.3800	114.2959	1.2020	1.1192	9.6184
-6.60	-4.5521	3.5060	162.5431	133.4799	1.2177	1.1145	9.4284
-6.40	-4.3704	3.3609	180.7782	146.7477	1.2319	1.1114	9.2187
-6.20	-4.1910	3.2055	189.1960	152.3069	1.2422	1.1097	8.9958
-6.00	-4.0128	3.0482	187.2912	150.2142	1.2468	1.1088	8.7688
-5.80	-3.8350	2.8966	176.7825	141.9417	1.2455	1.1086	8.5471
-5.60	-3.6566	2.7562	160.5862	129.5775	1.2393	1.1089	8.3388
-5.40	-3.4769	2.6304	141.5445	115.0993	1.2298	1.1100	8.1500
-5.20	-3.2954	2.5205	122.0596	100.1446	1.2188	1.1116	7.9836
-5.00	-3.1119	2.4264	103.5581	85.7615	1.2075	1.1138	7.8410
-4.80	-2.9263	2.3471	86.8982	72.6137	1.1967	1.1167	7.7220
-4.60	-2.7387	2.2812	72.4862	61.0068	1.1882	1.1204	7.6255
-4.40	-2.5492	2.2268	60.2715	51.0058	1.1817	1.1251	7.5496
-4.20	-2.3580	2.1823	50.1335	42.5613	1.1779	1.1309	7.4930

T= 8700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-2.1652	2.1460	41.7963	35.5242	1.1766	1.1378	7.4533
-3.80	-1.9712	2.1166	35.0175	29.7419	1.1774	1.1460	7.4285
-3.60	-1.7762	2.0927	29.6048	25.0426	1.1822	1.1555	7.4172
-3.40	-1.5802	2.0732	25.2853	21.2726	1.1886	1.1664	7.4170
-3.20	-1.3836	2.0570	21.9311	18.3100	1.1978	1.1781	7.4253
-3.00	-1.1865	2.0433	19.3739	16.0525	1.2069	1.1905	7.4392
-2.80	-0.9891	2.0311	17.5927	14.4492	1.2176	1.2021	7.4529
-2.60	-0.7916	2.0195	16.5519	13.4831	1.2276	1.2114	7.4602
-2.40	-0.5943	2.0072	16.2743	13.1932	1.2335	1.2166	7.4535
-2.20	-0.3974	1.9929	16.9052	13.6584	1.2377	1.2162	7.4259
-2.00	-0.2013	1.9748	18.5738	14.9934	1.2388	1.2105	7.3747
-1.80	-0.0067	1.9508	21.4504	17.3053	1.2395	1.2011	7.3010
-1.60	0.1861	1.9185	25.5670	20.5687	1.2430	1.1903	7.2077
-1.40	0.3763	1.8757	30.7202	24.5513	1.2513	1.1807	7.0982
-1.20	0.5635	1.8215	36.2761	28.7136	1.2634	1.1728	6.9714
-1.00	0.7477	1.7563	41.3198	32.3315	1.2780	1.1671	6.8290
-0.80	0.9291	1.6825	44.8595	34.7405	1.2913	1.1632	6.6728
-0.60	1.1083	1.6040	46.2827	35.5882	1.3005	1.1607	6.5080
-0.40	1.2863	1.5249	45.4951	34.8830	1.3042	1.1593	6.3418
-0.20	1.4642	1.4490	42.8822	32.9435	1.3017	1.1588	6.1805
0.0	1.6427	1.3791	39.0920	30.1997	1.2945	1.1593	6.0311
0.20	1.8227	1.3169	34.7476	27.0626	1.2840	1.1609	5.8975
0.40	2.0046	1.2633	30.3338	23.8534	1.2717	1.1636	5.7829
0.60	2.1889	1.2183	26.1805	20.7919	1.2592	1.1679	5.6895
0.80	2.3758	1.1820	22.4641	18.0016	1.2479	1.1741	5.6192
1.00	2.5654	1.1543	19.2409	15.5399	1.2382	1.1830	5.5736
1.20	2.7582	1.1352	16.5117	13.4208	1.2303	1.1955	5.5566
1.40	2.9545	1.1257	14.2312	11.6229	1.2244	1.2138	5.5753
1.60	3.1552	1.1275	12.3499	10.1162	1.2208	1.2400	5.6399
1.80	3.3617	1.1443	10.7980	8.8623	1.2184	1.2776	5.7670
2.00	3.5757	1.1819	9.5293	7.8249	1.2178	1.3313	5.9831
2.20	3.8002	1.2505	8.4937	6.9675	1.2190	1.4056	6.3235
2.40	4.0386	1.3660	0.0	6.2647	0.0	0.0	0.0

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9142	3.7820	0.0	79.4068	0.0	0.0	0.0
-6.80	-4.7249	3.6896	120.9571	101.0408	1.1971	1.1242	9.7699
-6.60	-4.5388	3.5735	147.3845	121.6464	1.2116	1.1181	9.5887
-6.40	-4.3558	3.4367	169.1695	137.9332	1.2265	1.1141	9.3867
-6.20	-4.1753	3.2855	182.5679	147.3153	1.2393	1.1117	9.1681
-6.00	-3.9966	3.1281	185.7264	148.9750	1.2467	1.1104	8.9404
-5.80	-3.8187	2.9728	179.4117	143.7259	1.2483	1.1099	8.7135
-5.60	-3.6407	2.8261	166.0249	133.4172	1.2444	1.1099	8.4962
-5.40	-3.4617	2.6926	148.4587	120.0926	1.2362	1.1106	8.2956
-5.20	-3.2812	2.5745	129.4144	105.5501	1.2261	1.1120	8.1166
-5.00	-3.0988	2.4725	110.6185	91.0819	1.2145	1.1139	7.9608
-4.80	-2.9143	2.3858	93.3082	77.5570	1.2031	1.1164	7.8289
-4.60	-2.7277	2.3133	78.0872	65.4084	1.1938	1.1197	7.7205
-4.40	-2.5391	2.2532	65.0461	54.8259	1.1864	1.1240	7.6341
-4.20	-2.3487	2.2039	54.1038	45.8081	1.1811	1.1293	7.5679
-4.00	-2.1567	2.1636	45.0713	38.2349	1.1788	1.1356	7.5193
-3.80	-1.9634	2.1308	37.7056	31.9851	1.1788	1.1432	7.4872
-3.60	-1.7688	2.1042	31.7470	26.8773	1.1812	1.1522	7.4693

T= 8800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.40	-1.5733	2.0825	26.9772	22.7417	1.1862	1.1624	7.4637
-3.20	-1.3771	2.0647	23.2501	19.4693	1.1942	1.1738	7.4679
-3.00	-1.1802	2.0498	20.4057	16.9402	1.2046	1.1858	7.4787
-2.80	-0.9830	2.0367	18.3068	15.0767	1.2142	1.1977	7.4924
-2.60	-0.7856	2.0247	16.9413	13.8593	1.2224	1.2079	7.5018
-2.40	-0.5882	2.0125	16.3787	13.2939	1.2320	1.2150	7.5013
-2.20	-0.3911	1.9988	16.6248	13.4513	1.2359	1.2169	7.4815
-2.00	-0.1948	1.9820	17.8908	14.4338	1.2395	1.2133	7.4389
-1.80	0.0003	1.9600	20.2587	16.3561	1.2386	1.2052	7.3729
-1.60	0.1938	1.9306	23.8926	19.2302	1.2424	1.1949	7.2859
-1.40	0.3848	1.8913	28.6370	22.9232	1.2493	1.1849	7.1812
-1.20	0.5731	1.8408	34.0484	26.9992	1.2611	1.1766	7.0598
-1.00	0.7583	1.7790	39.2392	30.7936	1.2743	1.1702	6.9213
-0.80	0.9405	1.7076	43.2622	33.5847	1.2882	1.1657	6.7681
-0.60	1.1203	1.6302	45.3721	34.9205	1.2993	1.1627	6.6044
-0.40	1.2986	1.5508	45.2881	34.6949	1.3053	1.1610	6.4368
-0.20	1.4764	1.4735	43.2421	33.1400	1.3048	1.1604	6.2727
0.0	1.6547	1.4015	39.8166	30.6554	1.2988	1.1606	6.1180
0.20	1.8341	1.3367	35.6593	27.6638	1.2890	1.1619	5.9784
0.40	2.0154	1.2804	31.3057	24.5083	1.2774	1.1644	5.8574
0.60	2.1990	1.2330	27.1118	21.4393	1.2646	1.1684	5.7576
0.80	2.3852	1.1943	23.3058	18.6071	1.2525	1.1741	5.6805
1.00	2.5742	1.1644	19.9751	16.0833	1.2420	1.1827	5.6296
1.20	2.7663	1.1436	17.1346	13.8919	1.2334	1.1952	5.6082
1.40	2.9621	1.1325	14.7538	12.0248	1.2269	1.2131	5.6227
1.60	3.1623	1.1331	12.7752	10.4540	1.2220	1.2390	5.6838
1.80	3.3683	1.1488	11.1501	9.1426	1.2196	1.2762	5.8083
2.00	3.5820	1.1855	9.8113	8.0557	1.2179	1.3295	6.0224
2.20	3.8061	1.2532	8.7209	7.1555	1.2188	1.4038	6.3627
2.40	4.0442	1.3681	0.0	6.4144	0.0	0.0	0.0

T= 8900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.9050	3.8193	0.0	67.9123	0.0	0.0	0.0
-6.80	-4.7143	3.7386	105.3623	88.3087	1.1931	1.1301	9.9161
-6.60	-4.5266	3.6342	131.9445	109.3908	1.2062	1.1223	9.7431
-6.40	-4.3421	3.5071	156.0432	127.8308	1.2207	1.1173	9.5496
-6.20	-4.1604	3.3622	173.5960	140.6097	1.2346	1.1142	9.3372
-6.00	-3.9809	3.2068	181.7531	145.9925	1.2449	1.1122	9.1110
-5.80	-3.8028	3.0495	180.0259	144.0453	1.2498	1.1112	8.8806
-5.60	-3.6249	2.8978	169.9686	136.1755	1.2482	1.1111	8.6565
-5.40	-3.4465	2.7574	154.4862	124.3718	1.2421	1.1115	8.4455
-5.20	-3.2668	2.6314	136.2252	110.5392	1.2324	1.1125	8.2541
-5.00	-3.0854	2.5214	117.5591	96.2231	1.2217	1.1141	8.0856
-4.80	-2.9019	2.4272	99.7981	82.4672	1.2102	1.1163	7.9410
-4.60	-2.7163	2.3478	83.8288	69.8745	1.1997	1.1194	7.8207
-4.40	-2.5287	2.2817	69.9860	58.7616	1.1910	1.1232	7.7231
-4.20	-2.3392	2.2272	58.2555	49.1674	1.1848	1.1279	7.6463
-4.00	-2.1480	2.1826	48.5090	41.0767	1.1809	1.1337	7.5888
-3.80	-1.9553	2.1463	40.5282	34.3423	1.1801	1.1408	7.5488
-3.60	-1.7613	2.1167	34.0288	28.7990	1.1816	1.1493	7.5244
-3.40	-1.5663	2.0927	28.8220	24.3136	1.1854	1.1588	7.5127
-3.20	-1.3704	2.0730	24.6798	20.7222	1.1910	1.1697	7.5122
-3.00	-1.1738	2.0567	21.4889	17.9064	1.2001	1.1814	7.5199

T= 8900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-0.9768	2.0427	19.1046	15.7884	1.2100	1.1932	7.5316
-2.60	-0.7795	2.0300	17.4679	14.3175	1.2200	1.2042	7.5429
-2.40	-0.5821	2.0177	16.6022	13.4943	1.2303	1.2128	7.5466
-2.20	-0.3850	2.0044	16.5204	13.3638	1.2362	1.2168	7.5342
-2.00	-0.1884	1.9886	17.3676	14.0159	1.2391	1.2153	7.4997
-1.80	0.0071	1.9684	19.3076	15.5617	1.2407	1.2088	7.4415
-1.60	0.2011	1.9415	22.4466	18.0618	1.2428	1.1994	7.3617
-1.40	0.3930	1.9055	26.7610	21.4411	1.2481	1.1891	7.2619
-1.20	0.5822	1.8586	31.8993	25.3585	1.2579	1.1803	7.1454
-1.00	0.7683	1.8003	37.1658	29.2291	1.2715	1.1734	7.0117
-0.80	0.9514	1.7316	41.5792	32.3360	1.2858	1.1683	6.8619
-0.60	1.1320	1.6556	44.2901	34.1176	1.2982	1.1649	6.6998
-0.40	1.3107	1.5764	44.8715	34.3656	1.3057	1.1628	6.5315
-0.20	1.4885	1.4981	43.4093	33.2151	1.3069	1.1619	6.3647
0.0	1.6665	1.4241	40.4053	31.0210	1.3025	1.1619	6.2056
0.20	1.8456	1.3570	36.4847	28.2005	1.2938	1.1630	6.0604
0.40	2.0263	1.2981	32.2191	25.1238	1.2824	1.1653	5.9333
0.60	2.2092	1.2481	28.0218	22.0638	1.2700	1.1689	5.8269
0.80	2.3947	1.2070	24.1347	19.1977	1.2572	1.1744	5.7438
1.00	2.5830	1.1750	20.7076	16.6181	1.2461	1.1828	5.6873
1.20	2.7745	1.1523	17.7655	14.3618	1.2370	1.1950	5.6609
1.40	2.9698	1.1397	15.2831	12.4287	1.2297	1.2127	5.6714
1.60	3.1695	1.1389	13.2166	10.7947	1.2244	1.2381	5.7286
1.80	3.3750	1.1535	11.5047	9.4251	1.2206	1.2751	5.8507
2.00	3.5883	1.1893	10.0990	8.2866	1.2187	1.3280	6.0627
2.20	3.8120	1.2562	8.9499	7.3432	1.2188	1.4018	6.4017
2.40	4.0498	1.3702	0.0	6.5629	0.0	0.0	0.0

T= 9000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8966	3.8506	0.0	57.7741	0.0	0.0	0.0
-6.80	-4.7046	3.7808	0.0	76.6044	0.0	1.1369	10.0581
-6.60	-4.5154	3.6881	116.8785	97.2789	1.2015	1.1273	9.8918
-6.40	-4.3293	3.5717	142.2113	117.0364	1.2151	1.1209	9.7069
-6.20	-4.1463	3.4346	162.9866	132.5318	1.2298	1.1168	9.5013
-6.00	-3.9658	3.2833	175.6490	141.4159	1.2421	1.1143	9.2793
-5.80	-3.7872	3.1259	178.6027	142.9325	1.2496	1.1129	9.0484
-5.60	-3.6093	2.9707	172.4693	137.8303	1.2513	1.1124	8.8188
-5.40	-3.4313	2.8242	159.4870	127.9091	1.2469	1.1125	8.5990
-5.20	-3.2523	2.6909	142.6314	115.1216	1.2390	1.1132	8.3964
-5.00	-3.0717	2.5731	124.3197	101.1798	1.2287	1.1145	8.2152
-4.80	-2.8892	2.4712	106.3112	87.3494	1.2171	1.1164	8.0580
-4.60	-2.7047	2.3848	89.7479	74.4112	1.2061	1.1190	7.9251
-4.40	-2.5181	2.3124	75.1357	62.7984	1.1965	1.1225	7.8160
-4.20	-2.3295	2.2525	62.6390	52.6850	1.1889	1.1268	7.7287
-4.00	-2.1391	2.2033	52.1610	44.0564	1.1840	1.1322	7.6622
-3.80	-1.9471	2.1631	43.5260	36.8379	1.1816	1.1387	7.6136
-3.60	-1.7537	2.1304	36.4741	30.8610	1.1819	1.1464	7.5815
-3.40	-1.5592	2.1038	30.7851	25.9849	1.1847	1.1555	7.5638
-3.20	-1.3637	2.0820	26.2684	22.0596	1.1908	1.1658	7.5580
-3.00	-1.1674	2.0641	22.6933	18.9571	1.1971	1.1771	7.5620
-2.80	-0.9706	2.0489	20.0109	16.5786	1.2070	1.1890	7.5720
-2.60	-0.7735	2.0356	18.1016	14.8631	1.2179	1.2005	7.5836
-2.40	-0.5762	2.0229	16.9138	13.7906	1.2265	1.2100	7.5900

T= 9000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.3790	2.0099	16.5288	13.3903	1.2344	1.2158	7.5835
-2.00	-0.1822	1.9948	17.0262	13.7369	1.2394	1.2165	7.5572
-1.80	0.0136	1.9761	18.5386	14.9293	1.2418	1.2118	7.5070
-1.60	0.2082	1.9514	21.1970	17.0614	1.2424	1.2035	7.4343
-1.40	0.4008	1.9183	25.0680	20.1042	1.2469	1.1936	7.3408
-1.20	0.5908	1.8750	29.8991	23.8152	1.2555	1.1842	7.2287
-1.00	0.7779	1.8201	35.1156	27.6763	1.2688	1.1767	7.0996
-0.80	0.9620	1.7544	39.7991	31.0135	1.2833	1.1711	6.9536
-0.60	1.1432	1.6803	43.0349	33.2048	1.2960	1.1672	6.7938
-0.40	1.3224	1.6016	44.2542	33.9095	1.3051	1.1647	6.6258
-0.20	1.5004	1.5226	43.4139	33.1703	1.3088	1.1633	6.4566
0.0	1.6783	1.4470	40.8646	31.2903	1.3060	1.1632	6.2940
0.20	1.8570	1.3776	37.2258	28.6706	1.2984	1.1641	6.1435
0.40	2.0372	1.3162	33.0828	25.6954	1.2875	1.1661	6.0102
0.60	2.2195	1.2636	28.8941	22.6638	1.2749	1.1694	5.8973
0.80	2.4043	1.2202	24.9672	19.7771	1.2624	1.1749	5.8085
1.00	2.5919	1.1860	21.4474	17.1503	1.2506	1.1830	5.7464
1.20	2.7828	1.1614	18.4028	14.8334	1.2406	1.1948	5.7147
1.40	2.9775	1.1471	15.8190	12.8363	1.2324	1.2122	5.7208
1.60	3.1766	1.1450	13.6579	11.1398	1.2260	1.2372	5.7741
1.80	3.3817	1.1584	11.8705	9.7141	1.2220	1.2739	5.8931
2.00	3.5946	1.1932	10.3976	8.5250	1.2197	1.3266	6.1035
2.20	3.8180	1.2593	9.1882	7.5351	1.2194	1.4002	6.4419
2.40	4.0554	1.3725	0.0	6.7178	0.0	0.0	0.0

T= 9100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8889	3.8766	0.0	49.0564	0.0	0.0	0.0
-6.80	-4.6957	3.8168	78.6867	65.9770	1.1926	1.1451	10.1981
-6.60	-4.5050	3.7353	102.5678	85.6387	1.1977	1.1330	10.0355
-6.40	-4.3174	3.6301	127.9223	105.7986	1.2091	1.1250	9.8582
-6.20	-4.1330	3.5023	150.9893	123.3346	1.2242	1.1199	9.6609
-6.00	-3.9514	3.3568	167.5558	135.3098	1.2383	1.1166	9.4444
-5.80	-3.7720	3.2013	174.9665	140.2133	1.2479	1.1147	9.2152
-5.60	-3.5939	3.0441	173.0435	138.1388	1.2527	1.1138	8.9823
-5.40	-3.4160	2.8927	163.1583	130.4404	1.2508	1.1135	8.7551
-5.20	-3.2376	2.7527	148.1598	119.0495	1.2445	1.1140	8.5424
-5.00	-3.0578	2.6273	130.6021	105.7500	1.2350	1.1150	8.3495
-4.80	-2.8763	2.5179	112.6727	92.0374	1.2242	1.1167	8.1798
-4.60	-2.6928	2.4242	95.6416	78.8775	1.2125	1.1190	8.0343
-4.40	-2.5072	2.3453	80.3855	66.8631	1.2022	1.1220	7.9132
-4.20	-2.3195	2.2797	67.1713	56.2601	1.1939	1.1260	7.8154
-4.00	-2.1299	2.2255	55.9772	47.1404	1.1875	1.1309	7.7391
-3.80	-1.9387	2.1812	46.6777	39.4225	1.1840	1.1369	7.6819
-3.60	-1.7459	2.1451	39.0588	33.0082	1.1833	1.1440	7.6420
-3.40	-1.5519	2.1157	32.8669	27.7453	1.1846	1.1526	7.6179
-3.20	-1.3568	2.0918	27.9146	23.4808	1.1888	1.1624	7.6065
-3.00	-1.1609	2.0721	24.0013	20.0790	1.1953	1.1732	7.6058
-2.80	-0.9644	2.0556	20.9909	17.4418	1.2035	1.1849	7.6133
-2.60	-0.7674	2.0414	18.7939	15.4810	1.2140	1.1965	7.6237
-2.40	-0.5702	2.0283	17.3407	14.1695	1.2238	1.2067	7.6317
-2.20	-0.3730	2.0152	16.6539	13.5151	1.2322	1.2141	7.6304
-2.00	-0.1762	2.0007	16.8189	13.5765	1.2388	1.2168	7.6113
-1.80	0.0200	1.9831	17.9355	14.4440	1.2417	1.2143	7.5698

T= 9100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.2150	1.9603	20.1684	16.2198	1.2434	1.2070	7.5037
-1.40	0.4082	1.9300	23.5757	18.9114	1.2466	1.1976	7.4164
-1.20	0.5991	1.8899	28.0625	22.3719	1.2544	1.1882	7.3099
-1.00	0.7871	1.8385	33.1206	26.1666	1.2658	1.1800	7.1852
-0.80	0.9721	1.7759	37.9721	29.6593	1.2803	1.1739	7.0433
-0.60	1.1541	1.7040	41.6506	32.1943	1.2937	1.1696	6.8866
-0.40	1.3338	1.6263	43.4852	33.3324	1.3046	1.1667	6.7195
-0.20	1.5121	1.5469	43.2493	33.0135	1.3100	1.1650	6.5486
0.0	1.6900	1.4700	41.1882	31.4676	1.3089	1.1646	6.3827
0.20	1.8683	1.3986	37.8654	29.0706	1.3025	1.1652	6.2273
0.40	2.0480	1.3348	33.8798	26.2204	1.2921	1.1669	6.0879
0.60	2.2297	1.2797	29.7443	23.2342	1.2802	1.1701	5.9693
0.80	2.4139	1.2338	25.7819	20.3400	1.2675	1.1753	5.8744
1.00	2.6009	1.1974	22.1881	17.6737	1.2554	1.1832	5.8064
1.20	2.7911	1.1709	19.0409	15.3012	1.2444	1.1948	5.7697
1.40	2.9852	1.1549	16.3602	13.2431	1.2354	1.2117	5.7707
1.60	3.1839	1.1514	14.1087	11.4860	1.2283	1.2367	5.8210
1.80	3.3884	1.1636	12.2414	10.0034	1.2237	1.2731	5.9373
2.00	3.6009	1.1974	10.6965	8.7637	1.2205	1.3254	6.1452
2.20	3.8239	1.2625	9.4285	7.7287	1.2199	1.3985	6.4821
2.40	4.0609	1.3750	0.0	6.8732	0.0	0.0	0.0

T= 9200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8818	3.8981	0.0	41.6382	0.0	0.0	0.0
-6.80	-4.6875	3.8472	67.5850	56.5675	1.1948	1.1545	10.3371
-6.60	-4.4955	3.7762	89.3825	74.7211	1.1962	1.1397	10.1753
-6.40	-4.3065	3.6821	113.9342	94.6213	1.2041	1.1298	10.0044
-6.20	-4.1206	3.5645	138.0965	113.3089	1.2188	1.1234	9.8152
-6.00	-3.9378	3.4265	157.7134	127.8697	1.2334	1.1193	9.6058
-5.80	-3.7574	3.2746	169.4170	136.0226	1.2455	1.1168	9.3800
-5.60	-3.5788	3.1172	171.6682	137.0869	1.2523	1.1154	9.1457
-5.40	-3.4010	2.9623	165.3978	131.8984	1.2540	1.1148	8.9134
-5.20	-3.2229	2.8164	152.6537	122.1884	1.2493	1.1150	8.6918
-5.00	-3.0438	2.6840	136.3405	109.8540	1.2411	1.1157	8.4877
-4.80	-2.8632	2.5670	118.7291	96.4818	1.2306	1.1171	8.3058
-4.60	-2.6806	2.4661	101.4935	83.2629	1.2190	1.1191	8.1483
-4.40	-2.4960	2.3804	85.7249	70.9189	1.2088	1.1219	8.0155
-4.20	-2.3092	2.3088	71.7793	59.8828	1.1987	1.1255	7.9066
-4.00	-2.1205	2.2495	59.9137	50.2711	1.1918	1.1298	7.8194
-3.80	-1.9300	2.2008	49.9610	42.0811	1.1873	1.1354	7.7535
-3.60	-1.7379	2.1610	41.7469	35.2390	1.1847	1.1421	7.7058
-3.40	-1.5445	2.1287	35.0781	29.5782	1.1859	1.1501	7.6745
-3.20	-1.3499	2.1023	29.6728	24.9792	1.1879	1.1592	7.6571
-3.00	-1.1544	2.0807	25.4078	21.2761	1.1942	1.1697	7.6519
-2.80	-0.9582	2.0628	22.0809	18.3771	1.2015	1.1810	7.6555
-2.60	-0.7614	2.0475	19.5683	16.1693	1.2102	1.1926	7.6645
-2.40	-0.5643	2.0337	17.8539	14.6230	1.2209	1.2034	7.6732
-2.20	-0.3672	2.0205	16.8959	13.7287	1.2307	1.2121	7.6757
-2.00	-0.1702	2.0063	16.7175	13.5211	1.2364	1.2167	7.6632
-1.80	0.0262	1.9896	17.4871	14.0868	1.2414	1.2158	7.6287
-1.60	0.2215	1.9685	19.3156	15.5195	1.2446	1.2102	7.5704
-1.40	0.4153	1.9406	22.2940	17.8741	1.2473	1.2015	7.4895
-1.20	0.6069	1.9035	26.3671	21.0502	1.2526	1.1921	7.3887

T= 9200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	0.7959	1.8556	31.2289	24.7230	1.2632	1.1835	7.2687
-0.80	0.9817	1.7962	36.1389	28.2904	1.2774	1.1770	7.1316
-0.60	1.1646	1.7267	40.1713	31.1061	1.2914	1.1720	6.9777
-0.40	1.3449	1.6503	42.5395	32.6514	1.3028	1.1688	6.8119
-0.20	1.5236	1.5710	42.8998	32.7446	1.3101	1.1669	6.6411
0.0	1.7014	1.4930	41.3620	31.5450	1.3112	1.1661	6.4718
0.20	1.8796	1.4198	38.3975	29.3978	1.3061	1.1664	6.3120
0.40	2.0589	1.3537	34.6173	26.6912	1.2970	1.1679	6.1673
0.60	2.2400	1.2961	30.5457	23.7693	1.2851	1.1710	6.0427
0.80	2.4236	1.2479	26.5718	20.8801	1.2726	1.1760	5.9417
1.00	2.6099	1.2093	22.9149	18.1834	1.2602	1.1834	5.8676
1.20	2.7995	1.1807	19.6806	15.7606	1.2487	1.1948	5.8258
1.40	2.9930	1.1631	16.9001	13.6418	1.2388	1.2116	5.8225
1.60	3.1911	1.1580	14.5616	11.8264	1.2313	1.2363	5.8688
1.80	3.3952	1.1690	12.6065	10.2884	1.2253	1.2723	5.9817
2.00	3.6072	1.2017	10.9894	8.9960	1.2216	1.3245	6.1879
2.20	3.8298	1.2660	9.6637	7.9178	1.2205	1.3973	6.5238
2.40	4.0665	1.3776	0.0	7.0207	0.0	0.0	0.0

T= 9300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8751	3.9158	0.0	35.4344	0.0	0.0	0.0
-6.80	-4.6799	3.8726	58.1041	48.4103	1.2002	1.1654	10.4763
-6.60	-4.4868	3.8113	77.6497	64.8918	1.1966	1.1474	10.3128
-6.40	-4.2964	3.7281	100.7553	83.8565	1.2015	1.1354	10.1460
-6.20	-4.1091	3.6210	125.1231	103.1155	1.2134	1.1274	9.9641
-6.00	-3.9249	3.4917	146.8765	119.5832	1.2282	1.1223	9.7621
-5.80	-3.7435	3.3452	162.2239	130.6249	1.2419	1.1190	9.5412
-5.60	-3.5642	3.1893	168.6847	134.8073	1.2513	1.1171	9.3083
-5.40	-3.3861	3.0323	166.1399	132.3417	1.2554	1.1162	9.0727
-5.20	-3.2083	2.8817	156.2366	124.6432	1.2535	1.1161	8.8440
-5.00	-3.0297	2.7427	141.5143	113.5134	1.2467	1.1165	8.6297
-4.80	-2.8499	2.6185	124.5595	100.7103	1.2368	1.1176	8.4361
-4.60	-2.6682	2.5103	107.3623	87.5780	1.2259	1.1193	8.2664
-4.40	-2.4845	2.4178	91.1333	75.0247	1.2147	1.1218	8.1215
-4.20	-2.2987	2.3399	76.5856	63.6012	1.2042	1.1250	8.0011
-4.00	-2.1109	2.2752	64.0140	53.5349	1.1957	1.1291	7.9040
-3.80	-1.9212	2.2219	53.4153	44.8856	1.1900	1.1341	7.8283
-3.60	-1.7298	2.1782	44.6183	37.5802	1.1873	1.1403	7.7722
-3.40	-1.5370	2.1426	37.4040	31.5335	1.1862	1.1477	7.7334
-3.20	-1.3429	2.1136	31.5834	26.5650	1.1889	1.1564	7.7099
-3.00	-1.1478	2.0899	26.9238	22.5627	1.1933	1.1662	7.6990
-2.80	-0.9519	2.0704	23.2410	19.3775	1.1994	1.1772	7.6990
-2.60	-0.7553	2.0539	20.4567	16.9312	1.2082	1.1889	7.7062
-2.40	-0.5584	2.0394	18.4546	15.1539	1.2178	1.2000	7.7148
-2.20	-0.3613	2.0258	17.2074	14.0242	1.2270	1.2094	7.7191
-2.00	-0.1643	2.0117	16.7611	13.5665	1.2355	1.2156	7.7120
-1.80	0.0322	1.9958	17.1790	13.8474	1.2406	1.2168	7.6851
-1.60	0.2279	1.9761	18.6099	14.9623	1.2438	1.2128	7.6344
-1.40	0.4222	1.9502	21.1659	16.9817	1.2464	1.2051	7.5602
-1.20	0.6145	1.9160	24.8556	19.8596	1.2516	1.1960	7.4651
-1.00	0.8042	1.8713	29.4474	23.3472	1.2613	1.1872	7.3505
-0.80	0.9910	1.8152	34.3199	26.9355	1.2742	1.1801	7.2176
-0.60	1.1747	1.7484	38.6313	29.9706	1.2890	1.1746	7.0672

T= 9300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.3557	1.6736	41.4806	31.8677	1.3016	1.1709	6.9033
-0.20	1.5348	1.5947	42.4121	32.3659	1.3104	1.1687	6.7325
0.0	1.7128	1.5160	41.4042	31.5295	1.3132	1.1677	6.5613
0.20	1.8908	1.4411	38.8350	29.6491	1.3098	1.1677	6.3972
0.40	2.0697	1.3729	35.2817	27.1113	1.3014	1.1691	6.2476
0.60	2.2503	1.3130	31.3131	24.2714	1.2901	1.1719	6.1173
0.80	2.4333	1.2624	27.3366	21.4009	1.2774	1.1767	6.0104
1.00	2.6190	1.2215	23.6271	18.6821	1.2647	1.1839	5.9304
1.20	2.8080	1.1909	20.3205	16.2151	1.2532	1.1951	5.8832
1.40	3.0008	1.1715	17.4460	14.0420	1.2424	1.2117	5.8754
1.60	3.1984	1.1650	15.0218	12.1677	1.2346	1.2360	5.9176
1.80	3.4020	1.1746	12.9830	10.5753	1.2277	1.2717	6.0274
2.00	3.6135	1.2063	11.2940	9.2318	1.2234	1.3235	6.2311
2.20	3.8358	1.2696	9.9030	8.1073	1.2215	1.3965	6.5665
2.40	4.0721	1.3804	0.0	7.1697	0.0	0.0	0.0

T= 9400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8688	3.9303	0.0	30.2737	0.0	0.0	0.0
-6.80	-4.6729	3.8939	50.0166	41.4391	1.2070	1.1780	10.6183
-6.60	-4.4788	3.8412	67.2651	56.0767	1.1995	1.1565	10.4500
-6.40	-4.2871	3.7682	88.6080	73.7332	1.2017	1.1419	10.2844
-6.20	-4.0984	3.6718	112.4714	92.8008	1.2120	1.1322	10.1088
-6.00	-3.9128	3.5521	135.3574	110.5352	1.2246	1.1258	9.9144
-5.80	-3.7302	3.4124	153.4855	124.0235	1.2376	1.1216	9.6996
-5.60	-3.5501	3.2597	163.8494	131.1455	1.2494	1.1191	9.4696
-5.40	-3.3716	3.1022	165.1736	131.5632	1.2555	1.1178	9.2324
-5.20	-3.1937	2.9479	158.4300	126.0981	1.2564	1.1172	8.9975
-5.00	-3.0156	2.8032	145.7512	116.4815	1.2513	1.1174	8.7749
-4.80	-2.8364	2.6722	129.8715	104.5016	1.2428	1.1182	8.5704
-4.60	-2.6556	2.5568	112.9225	91.6432	1.2322	1.1197	8.3889
-4.40	-2.4728	2.4573	96.4575	79.0057	1.2209	1.1219	8.2319
-4.20	-2.2880	2.3731	81.4538	67.2842	1.2106	1.1247	8.0998
-4.00	-2.1010	2.3027	68.2260	56.8170	1.2008	1.1285	7.9923
-3.80	-1.9122	2.2445	56.9677	47.7241	1.1937	1.1332	7.9069
-3.60	-1.7215	2.1967	47.5922	40.0004	1.1898	1.1389	7.8419
-3.40	-1.5293	2.1576	39.8308	33.5418	1.1875	1.1458	7.7954
-3.20	-1.3357	2.1258	33.5457	28.2280	1.1884	1.1538	7.7649
-3.00	-1.1411	2.0999	28.4899	23.8976	1.1922	1.1633	7.7490
-2.80	-0.9455	2.0786	24.4892	20.4489	1.1976	1.1738	7.7444
-2.60	-0.7492	2.0607	21.4167	17.7513	1.2065	1.1852	7.7483
-2.40	-0.5525	2.0453	19.1219	15.7445	1.2145	1.1966	7.7563
-2.20	-0.3555	2.0312	17.6148	14.3871	1.2243	1.2067	7.7619
-2.00	-0.1585	2.0171	16.8894	13.6924	1.2335	1.2140	7.7584
-1.80	0.0381	2.0017	16.9953	13.7113	1.2395	1.2172	7.7387
-1.60	0.2341	1.9830	18.0660	14.5249	1.2438	1.2151	7.6962
-1.40	0.4288	1.9591	20.2137	16.2196	1.2463	1.2086	7.6289
-1.20	0.6217	1.9274	23.5271	18.7945	1.2518	1.1998	7.5393
-1.00	0.8122	1.8858	27.7891	22.0632	1.2595	1.1909	7.4298
-0.80	0.9999	1.8329	32.5558	25.6096	1.2712	1.1831	7.3010
-0.60	1.1844	1.7690	37.0390	28.7861	1.2867	1.1773	7.1550
-0.40	1.3662	1.6961	40.3249	31.0116	1.3003	1.1733	6.9940
-0.20	1.5457	1.6180	41.7889	31.8946	1.3102	1.1706	6.8232
0.0	1.7239	1.5388	41.3024	31.4226	1.3144	1.1693	6.6505

T= 9400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	1.9019	1.4626	39.1566	29.8283	1.3127	1.1691	6.4832
0.40	2.0805	1.3924	35.8752	27.4783	1.3056	1.1703	6.3289
0.60	2.2606	1.3302	32.0379	24.7386	1.2951	1.1730	6.1930
0.80	2.4430	1.2772	28.0917	21.9038	1.2825	1.1775	6.0802
1.00	2.6281	1.2341	24.3364	19.1730	1.2693	1.1846	5.9947
1.20	2.8165	1.2015	20.9581	16.6682	1.2574	1.1955	5.9422
1.40	3.0087	1.1803	18.0065	14.4443	1.2466	1.2118	5.9294
1.60	3.2057	1.1722	15.4868	12.5153	1.2374	1.2360	5.9677
1.80	3.4088	1.1806	13.3705	10.8658	1.2305	1.2716	6.0746
2.00	3.6199	1.2111	11.6084	9.4724	1.2255	1.3232	6.2761
2.20	3.8417	1.2734	10.1473	8.3010	1.2224	1.3954	6.6091
2.40	4.0776	1.3833	0.0	7.3241	0.0	0.0	0.0

T= 9500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8629	3.9423	0.0	26.0325	0.0	0.0	0.0
-6.80	-4.6663	3.9115	43.2248	35.4988	1.2176	1.1924	10.7641
-6.60	-4.4713	3.8665	58.2025	48.3759	1.2031	1.1670	10.5874
-6.40	-4.2786	3.8029	77.4597	64.5016	1.2009	1.1495	10.4209
-6.20	-4.0885	3.7169	100.0233	82.8533	1.2072	1.1376	10.2490
-6.00	-3.9015	3.6072	123.2675	101.1590	1.2186	1.1297	10.0616
-5.80	-3.7176	3.4756	143.6800	116.4808	1.2335	1.1246	9.8541
-5.60	-3.5365	3.3277	157.4890	126.3746	1.2462	1.1214	9.6284
-5.40	-3.3574	3.1712	162.6916	129.6290	1.2551	1.1195	9.3914
-5.20	-3.1794	3.0147	159.2779	126.6254	1.2579	1.1186	9.1530
-5.00	-3.0015	2.8652	149.1354	118.7706	1.2557	1.1185	8.9226
-4.80	-2.8229	2.7278	134.6272	107.8333	1.2485	1.1191	8.7082
-4.60	-2.6428	2.6054	118.2359	95.4621	1.2386	1.1203	8.5152
-4.40	-2.4609	2.4990	101.7252	82.8942	1.2272	1.1221	8.3465
-4.20	-2.2770	2.4082	86.3035	70.9565	1.2163	1.1247	8.2029
-4.00	-2.0909	2.3320	72.5477	60.1270	1.2066	1.1281	8.0843
-3.80	-1.9029	2.2686	60.6638	50.6310	1.1982	1.1324	7.9887
-3.60	-1.7130	2.2165	50.6885	42.4879	1.1930	1.1377	7.9148
-3.40	-1.5215	2.1738	42.3983	35.6377	1.1897	1.1440	7.8598
-3.20	-1.3285	2.1389	35.6262	29.9618	1.1891	1.1517	7.8229
-3.00	-1.1343	2.1106	30.1678	25.3146	1.1917	1.1607	7.8010
-2.80	-0.9391	2.0873	25.8313	21.5757	1.1972	1.1707	7.7912
-2.60	-0.7431	2.0680	22.4221	18.6298	1.2036	1.1816	7.7911
-2.40	-0.5466	2.0515	19.8827	16.3948	1.2127	1.1930	7.7973
-2.20	-0.3497	2.0367	18.1155	14.8219	1.2222	1.2038	7.8043
-2.00	-0.1528	2.0224	17.1022	13.8994	1.2304	1.2122	7.8040
-1.80	0.0439	2.0073	16.9175	13.6662	1.2379	1.2167	7.7892
-1.60	0.2401	1.9896	17.6470	14.2003	1.2427	1.2165	7.7541
-1.40	0.4352	1.9672	19.4310	15.5825	1.2470	1.2116	7.6948
-1.20	0.6286	1.9379	22.3326	17.8562	1.2507	1.2033	7.6109
-1.00	0.8199	1.8991	26.2688	20.8814	1.2580	1.1944	7.5067
-0.80	1.0084	1.8494	30.8664	24.3311	1.2686	1.1864	7.3829
-0.60	1.1938	1.7885	35.4369	27.6073	1.2836	1.1801	7.2409
-0.40	1.3763	1.7178	39.0555	30.0903	1.2979	1.1757	7.0831
-0.20	1.5564	1.6407	41.0214	31.3427	1.3088	1.1728	6.9139
0.0	1.7349	1.5615	41.0537	31.2253	1.3148	1.1711	6.7399
0.20	1.9128	1.4842	39.3539	29.9274	1.3150	1.1707	6.5699
0.40	2.0912	1.4121	36.3815	27.7835	1.3095	1.1716	6.4110
0.60	2.2709	1.3478	32.6951	25.1590	1.2995	1.1740	6.2696

T= 9500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.4527	1.2925	28.7997	22.3706	1.2874	1.1784	6.1510
1.00	2.6372	1.2471	25.0297	19.6379	1.2746	1.1854	6.0601
1.20	2.8250	1.2125	21.5759	17.1000	1.2617	1.1962	6.0024
1.40	3.0166	1.1894	18.5479	14.8280	1.2509	1.2122	5.9847
1.60	3.2131	1.1797	15.9402	12.8448	1.2410	1.2363	6.0191
1.80	3.4157	1.1867	13.7399	11.1420	1.2332	1.2717	6.1228
2.00	3.6263	1.2161	11.9006	9.6954	1.2274	1.3231	6.3221
2.20	3.8476	1.2774	10.3806	8.4774	1.2245	1.3952	6.6538
2.40	4.0832	1.3863	0.0	7.4598	0.0	0.0	0.0

T= 9600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8573	3.9521	0.0	22.5501	0.0	0.0	0.0
-6.80	-4.6602	3.9262	37.6246	30.5660	1.2309	1.2083	10.9129
-6.60	-4.4644	3.8878	50.4648	41.7181	1.2097	1.1788	10.7260
-6.40	-4.2706	3.8327	67.6023	56.2129	1.2026	1.1579	10.5549
-6.20	-4.0793	3.7567	88.4854	73.4642	1.2045	1.1437	10.3853
-6.00	-3.8910	3.6572	111.5253	91.7521	1.2155	1.1341	10.2038
-5.80	-3.7058	3.5345	133.1902	108.3923	1.2288	1.1279	10.0038
-5.60	-3.5236	3.3927	149.8489	120.6033	1.2425	1.1239	9.7839
-5.40	-3.3437	3.2389	158.6997	126.6359	1.2532	1.1215	9.5493
-5.20	-3.1654	3.0814	158.8790	126.2016	1.2589	1.1202	9.3087
-5.00	-2.9875	2.9281	151.5015	120.3335	1.2590	1.1197	9.0724
-4.80	-2.8093	2.7851	138.7381	110.7008	1.2533	1.1200	8.8491
-4.60	-2.6299	2.6560	123.1863	99.0104	1.2442	1.1209	8.6452
-4.40	-2.4488	2.5428	106.8612	86.6565	1.2332	1.1225	8.4648
-4.20	-2.2658	2.4454	91.1771	74.6066	1.2221	1.1248	8.3095
-4.00	-2.0806	2.3631	76.9368	63.4892	1.2118	1.1277	8.1793
-3.80	-1.8935	2.2944	64.5023	53.6211	1.2029	1.1317	8.0735
-3.60	-1.7043	2.2376	53.8977	45.0628	1.1961	1.1366	7.9903
-3.40	-1.5135	2.1910	45.0906	37.8108	1.1925	1.1426	7.9275
-3.20	-1.3211	2.1530	37.8331	31.7615	1.1912	1.1498	7.8831
-3.00	-1.1274	2.1220	31.9487	26.7919	1.1925	1.1582	7.8547
-2.80	-0.9326	2.0966	27.2339	22.7653	1.1963	1.1677	7.8397
-2.60	-0.7370	2.0757	23.5346	19.5791	1.2020	1.1783	7.8356
-2.40	-0.5407	2.0580	20.7149	17.1077	1.2109	1.1895	7.8393
-2.20	-0.3440	2.0424	18.6846	15.3163	1.2199	1.2006	7.8459
-2.00	-0.1471	2.0278	17.4214	14.1760	1.2289	1.2099	7.8479
-1.80	0.0497	2.0128	16.9524	13.7070	1.2368	1.2159	7.8383
-1.60	0.2460	1.9958	17.3586	13.9759	1.2420	1.2172	7.8093
-1.40	0.4414	1.9748	18.7785	15.0671	1.2463	1.2138	7.7573
-1.20	0.6353	1.9475	21.2985	17.0383	1.2500	1.2065	7.6802
-1.00	0.8272	1.9114	24.9040	19.8104	1.2571	1.1980	7.5819
-0.80	1.0165	1.8648	29.2885	23.1127	1.2672	1.1898	7.4631
-0.60	1.2028	1.8068	33.8192	26.4222	1.2800	1.1831	7.3255
-0.40	1.3861	1.7386	37.7373	29.1279	1.2956	1.1782	7.1709
-0.20	1.5667	1.6629	40.1563	30.6987	1.3081	1.1748	7.0031
0.0	1.7456	1.5839	40.7045	30.9416	1.3155	1.1728	6.8289
0.20	1.9236	1.5057	39.4591	29.9528	1.3174	1.1724	6.6569
0.40	2.1018	1.4321	36.8046	28.0308	1.3130	1.1729	6.4937
0.60	2.2812	1.3656	33.3061	25.5442	1.3039	1.1752	6.3473
0.80	2.4625	1.3081	29.4829	22.8153	1.2922	1.1793	6.2231
1.00	2.6464	1.2605	25.7056	20.0924	1.2794	1.1863	6.1269
1.20	2.8336	1.2238	22.1990	17.5297	1.2664	1.1968	6.0635

T= 9600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	3.0246	1.1988	19.0917	15.2145	1.2548	1.2126	6.0409
1.60	3.2205	1.1875	16.3999	13.1784	1.2445	1.2365	6.0714
1.80	3.4225	1.1931	14.1194	11.4219	1.2362	1.2717	6.1716
2.00	3.6327	1.2213	12.2078	9.9251	1.2300	1.3227	6.3681
2.20	3.8536	1.2816	10.6231	8.6617	1.2264	1.3950	6.6993
2.40	4.0887	1.3896	0.0	7.6018	0.0	0.0	0.0

T= 9700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8519	3.9601	0.0	19.6842	0.0	0.0	0.0
-6.80	-4.6543	3.9383	32.8900	26.4346	1.2442	1.2261	11.0670
-6.60	-4.4579	3.9057	43.9172	36.0130	1.2195	1.1922	10.8678
-6.40	-4.2632	3.8582	58.9153	48.8315	1.2065	1.1678	10.6906
-6.20	-4.0708	3.7914	77.9847	64.7687	1.2040	1.1507	10.5194
-6.00	-3.8812	3.7019	100.0029	82.5309	1.2117	1.1392	10.3425
-5.80	-3.6947	3.5887	122.2687	99.8615	1.2244	1.1316	10.1493
-5.60	-3.5113	3.4542	141.1358	113.9339	1.2388	1.1267	9.9358
-5.40	-3.3305	3.3045	153.2526	122.5090	1.2509	1.1237	9.7051
-5.20	-3.1517	3.1475	156.9302	124.6804	1.2587	1.1219	9.4641
-5.00	-2.9737	2.9916	152.5490	121.0043	1.2607	1.1211	9.2236
-4.80	-2.7957	2.8437	142.0233	112.9271	1.2577	1.1210	8.9923
-4.60	-2.6169	2.7085	127.6333	102.1304	1.2497	1.1217	8.7785
-4.40	-2.4366	2.5885	111.7247	90.1548	1.2393	1.1229	8.5866
-4.20	-2.2544	2.4845	95.9608	78.1303	1.2282	1.1249	8.4197
-4.00	-2.0701	2.3960	81.3208	66.8041	1.2173	1.1277	8.2785
-3.80	-1.8838	2.3217	68.3564	56.5940	1.2078	1.1312	8.1620
-3.60	-1.6955	2.2602	57.1889	47.6668	1.1998	1.1357	8.0692
-3.40	-1.5053	2.2095	47.8452	40.0386	1.1950	1.1414	7.9981
-3.20	-1.3136	2.1681	40.1083	33.6313	1.1926	1.1480	7.9458
-3.00	-1.1204	2.1342	33.7980	28.3340	1.1928	1.1559	7.9107
-2.80	-0.9260	2.1066	28.7275	24.0219	1.1959	1.1650	7.8901
-2.60	-0.7308	2.0839	24.7273	20.5773	1.2017	1.1753	7.8820
-2.40	-0.5347	2.0648	21.6038	17.8771	1.2085	1.1863	7.8826
-2.20	-0.3382	2.0484	19.3242	15.8664	1.2179	1.1972	7.8870
-2.00	-0.1414	2.0332	17.8024	14.5123	1.2267	1.2072	7.8906
-1.80	0.0553	2.0182	17.0785	13.8211	1.2357	1.2147	7.8856
-1.60	0.2518	2.0017	17.1895	13.8408	1.2419	1.2176	7.8627
-1.40	0.4474	1.9818	18.2535	14.6525	1.2458	1.2157	7.8176
-1.20	0.6418	1.9563	20.4025	16.3205	1.2501	1.2097	7.7478
-1.00	0.8343	1.9228	23.6326	18.8264	1.2553	1.2015	7.6549
-0.80	1.0243	1.8791	27.7748	21.9462	1.2656	1.1931	7.5409
-0.60	1.2114	1.8241	32.2563	25.2389	1.2780	1.1860	7.4079
-0.40	1.3955	1.7584	36.3425	28.0976	1.2934	1.1806	7.2565
-0.20	1.5768	1.6844	39.1594	29.9751	1.3064	1.1768	7.0908
0.0	1.7561	1.6059	40.2137	30.5725	1.3154	1.1747	6.9173
0.20	1.9343	1.5272	39.4267	29.8982	1.3187	1.1737	6.7429
0.40	2.1124	1.4521	37.1436	28.2195	1.3162	1.1743	6.5768
0.60	2.2914	1.3837	33.8698	25.8893	1.3083	1.1764	6.4257
0.80	2.4723	1.3240	30.1408	23.2412	1.2969	1.1801	6.2956
1.00	2.6556	1.2743	26.3757	20.5412	1.2840	1.1869	6.1937
1.20	2.8422	1.2354	22.8371	17.9660	1.2711	1.1972	6.1249
1.40	3.0326	1.2086	19.6558	15.6154	1.2587	1.2130	6.0979
1.60	3.2280	1.1956	16.8827	13.5334	1.2475	1.2364	6.1234
1.80	3.4295	1.1998	14.5290	11.7275	1.2389	1.2713	6.2199

T= 9700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.6391	1.2267	12.5453	10.1838	1.2319	1.3220	6.4136
2.20	3.8596	1.2859	10.8986	8.8745	1.2281	1.3939	6.7428
2.40	4.0943	1.3929	0.0	7.7734	0.0	0.0	0.0

T= 9800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8467	3.9667	0.0	17.3687	0.0	0.0	0.0
-6.80	-4.6488	3.9483	29.0313	23.0230	1.2610	1.2454	11.2257
-6.60	-4.4518	3.9206	38.3848	31.1889	1.2307	1.2075	11.0146
-6.40	-4.2564	3.8798	51.4591	42.4579	1.2120	1.1790	10.8270
-6.20	-4.0629	3.8214	68.6003	56.8898	1.2058	1.1587	10.6525
-6.00	-3.8721	3.7416	89.1955	73.7590	1.2093	1.1450	10.4782
-5.80	-3.6843	3.6381	111.3159	91.2787	1.2195	1.1358	10.2904
-5.60	-3.4996	3.5118	131.5970	106.7069	1.2333	1.1298	10.0838
-5.40	-3.3179	3.3675	146.5810	117.5219	1.2473	1.1260	9.8579
-5.20	-3.1383	3.2125	153.7203	122.2408	1.2575	1.1238	9.6185
-5.00	-2.9601	3.0553	152.5609	120.8818	1.2621	1.1226	9.3754
-4.80	-2.7823	2.9034	144.4043	114.5341	1.2608	1.1222	9.1376
-4.60	-2.6039	2.7625	131.5544	104.8528	1.2547	1.1225	8.9145
-4.40	-2.4242	2.6360	116.3513	93.4248	1.2454	1.1236	8.7121
-4.20	-2.2428	2.5254	100.6504	81.5509	1.2342	1.1252	8.5338
-4.00	-2.0594	2.4307	85.7467	70.1090	1.2230	1.1277	8.3814
-3.80	-1.8740	2.3507	72.2984	59.6140	1.2128	1.1309	8.2540
-3.60	-1.6864	2.2842	60.6426	50.3316	1.2049	1.1351	8.1515
-3.40	-1.4970	2.2292	50.7449	42.3327	1.1987	1.1403	8.0709
-3.20	-1.3059	2.1841	42.4948	35.5599	1.1950	1.1466	8.0110
-3.00	-1.1133	2.1473	35.7613	29.9433	1.1943	1.1540	7.9688
-2.80	-0.9194	2.1173	30.3065	25.3354	1.1962	1.1626	7.9424
-2.60	-0.7245	2.0926	25.9471	21.6250	1.1999	1.1725	7.9297
-2.40	-0.5288	2.0721	22.5766	18.6962	1.2076	1.1832	7.9265
-2.20	-0.3325	2.0546	20.0138	16.4727	1.2150	1.1942	7.9297
-2.00	-0.1358	2.0388	18.2614	14.9111	1.2247	1.2046	7.9334
-1.80	0.0609	2.0236	17.2725	14.0038	1.2334	1.2129	7.9307
-1.60	0.2574	2.0074	17.1086	13.7883	1.2408	1.2174	7.9137
-1.40	0.4533	1.9884	17.8616	14.3345	1.2461	1.2171	7.8753
-1.20	0.6481	1.9645	19.6479	15.7181	1.2500	1.2123	7.8123
-1.00	0.8411	1.9332	22.5282	17.9514	1.2550	1.2046	7.7253
-0.80	1.0318	1.8923	26.3789	20.8622	1.2644	1.1965	7.6174
-0.60	1.2197	1.8403	30.7558	24.0989	1.2762	1.1889	7.4882
-0.40	1.4046	1.7773	34.9268	27.0707	1.2902	1.1832	7.3410
-0.20	1.5866	1.7052	38.1012	29.1996	1.3049	1.1790	7.1778
0.0	1.7663	1.6275	39.6049	30.1171	1.3150	1.1766	7.0051
0.20	1.9447	1.5485	39.2792	29.7649	1.3196	1.1753	6.8291
0.40	2.1228	1.4722	37.3754	28.3425	1.3187	1.1756	6.6600
0.60	2.3016	1.4021	34.3595	26.1841	1.3122	1.1774	6.5041
0.80	2.4820	1.3403	30.7552	23.6348	1.3013	1.1811	6.3692
1.00	2.6648	1.2883	27.0231	20.9714	1.2886	1.1873	6.2610
1.20	2.8508	1.2474	23.4595	18.3923	1.2755	1.1975	6.1871
1.40	3.0407	1.2186	20.2158	16.0124	1.2625	1.2129	6.1545
1.60	3.2354	1.2040	17.3806	13.8900	1.2513	1.2361	6.1755
1.80	3.4364	1.2067	14.9412	12.0380	1.2412	1.2706	6.2683
2.00	3.6456	1.2323	12.8897	10.4464	1.2339	1.3213	6.4596
2.20	3.8656	1.2905	11.1760	9.0936	1.2290	1.3924	6.7859
2.40	4.0999	1.3965	0.0	7.9525	0.0	0.0	0.0

T= 9900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8417	3.9721	0.0	15.4509	0.0	0.0	0.0
-6.80	-4.6434	3.9567	25.8255	20.1960	1.2787	1.2661	11.3881
-6.60	-4.4460	3.9331	33.7730	27.1539	1.2438	1.2241	11.1641
-6.40	-4.2499	3.8981	45.0193	36.8999	1.2200	1.1916	10.9659
-6.20	-4.0556	3.8473	60.2625	49.8445	1.2090	1.1680	10.7858
-6.00	-3.8637	3.7765	79.2329	65.5843	1.2081	1.1516	10.6108
-5.80	-3.6746	3.6827	100.7196	82.7860	1.2166	1.1405	10.4275
-5.60	-3.4887	3.5653	121.7762	99.0974	1.2289	1.1334	10.2279
-5.40	-3.3058	3.4275	139.0386	111.7799	1.2439	1.1287	10.0078
-5.20	-3.1254	3.2759	149.3122	118.9155	1.2556	1.1258	9.7712
-5.00	-2.9468	3.1185	151.3440	119.9233	1.2620	1.1241	9.5263
-4.80	-2.7689	2.9637	145.9074	115.4911	1.2634	1.1234	9.2841
-4.60	-2.5908	2.8178	134.9128	107.1251	1.2594	1.1235	9.0530
-4.40	-2.4118	2.6853	120.5735	96.4390	1.2503	1.1243	8.8408
-4.20	-2.2311	2.5682	105.2248	84.8546	1.2401	1.1258	8.6517
-4.00	-2.0486	2.4671	90.1488	73.3790	1.2285	1.1279	8.4875
-3.80	-1.8639	2.3814	76.3103	62.6580	1.2179	1.1308	8.3494
-3.60	-1.6772	2.3096	64.1591	53.0578	1.2092	1.1347	8.2367
-3.40	-1.4885	2.2501	53.7093	44.6924	1.2018	1.1394	8.1469
-3.20	-1.2981	2.2013	45.0097	37.5755	1.1978	1.1452	8.0786
-3.00	-1.1060	2.1613	37.7906	31.6221	1.1951	1.1522	8.0292
-2.80	-0.9127	2.1287	31.9658	26.7138	1.1966	1.1605	7.9971
-2.60	-0.7181	2.1019	27.2745	22.7346	1.1997	1.1700	7.9791
-2.40	-0.5227	2.0798	23.6016	19.5725	1.2059	1.1804	7.9721
-2.20	-0.3267	2.0611	20.7964	17.1372	1.2135	1.1913	7.9727
-2.00	-0.1302	2.0445	18.7860	15.3700	1.2222	1.2018	7.9757
-1.80	0.0665	2.0290	17.5362	14.2561	1.2301	1.2108	7.9750
-1.60	0.2631	2.0129	17.1177	13.8197	1.2386	1.2168	7.9630
-1.40	0.4591	1.9946	17.5817	14.1168	1.2454	1.2179	7.9302
-1.20	0.6542	1.9721	19.0365	15.2303	1.2499	1.2146	7.8747
-1.00	0.8477	1.9428	21.5658	17.1871	1.2548	1.2078	7.7942
-0.80	1.0390	1.9046	25.1047	19.8879	1.2623	1.1996	7.6910
-0.60	1.2277	1.8555	29.3115	23.0199	1.2733	1.1921	7.5672
-0.40	1.4134	1.7952	33.5483	26.0589	1.2874	1.1858	7.4236
-0.20	1.5961	1.7252	37.0089	28.4099	1.3027	1.1813	7.2637
0.0	1.7763	1.6485	38.9386	29.6436	1.3136	1.1782	7.0912
0.20	1.9550	1.5695	39.0936	29.6066	1.3204	1.1769	6.9152
0.40	2.1331	1.4924	37.5669	28.4536	1.3203	1.1768	6.7429
0.60	2.3117	1.4206	34.8282	26.4855	1.3150	1.1783	6.5828
0.80	2.4917	1.3567	31.3873	24.0473	1.3052	1.1819	6.4430
1.00	2.6741	1.3027	27.7023	21.4337	1.2925	1.1879	6.3294
1.20	2.8595	1.2596	24.1201	18.8568	1.2791	1.1978	6.2497
1.40	3.0488	1.2290	20.8268	16.4529	1.2658	1.2128	6.2118
1.60	3.2429	1.2126	17.9207	14.2900	1.2541	1.2358	6.2284
1.80	3.4434	1.2138	15.4112	12.3950	1.2433	1.2699	6.3170
2.00	3.6520	1.2382	13.2841	10.7558	1.2351	1.3200	6.5047
2.20	3.8716	1.2952	11.5025	9.3567	1.2293	1.3909	6.8293
2.40	4.1054	1.4002	0.0	8.1749	0.0	0.0	0.0

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8369	3.9766	0.0	13.9223	0.0	0.0	0.0
-6.80	-4.6383	3.9635	23.2362	17.8822	1.2994	1.2881	11.5546
-6.60	-4.4405	3.9436	29.9340	23.7545	1.2601	1.2421	11.3175

T= 10000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.40	-4.2438	3.9136	39.5934	32.1647	1.2310	1.2055	11.1074
-6.20	-4.0487	3.8695	52.9620	43.5963	1.2148	1.1783	10.9192
-6.00	-3.8558	3.8071	70.2195	58.0329	1.2100	1.1591	10.7421
-5.80	-3.6555	3.7227	90.5934	74.5795	1.2147	1.1461	10.5626
-5.60	-3.4784	3.6144	111.8337	91.2089	1.2261	1.1374	10.3683
-5.40	-3.2943	3.4841	130.6044	105.3412	1.2398	1.1316	10.1539
-5.20	-3.1130	3.3371	143.6469	114.6504	1.2529	1.1280	9.9215
-5.00	-2.9338	3.1810	148.8649	117.9949	1.2616	1.1259	9.6775
-4.80	-2.7558	3.0243	146.2703	115.6196	1.2651	1.1249	9.4318
-4.60	-2.5779	2.8742	137.3350	108.7657	1.2627	1.1247	9.1943
-4.40	-2.3993	2.7361	124.3397	99.0039	1.2559	1.1251	8.9723
-4.20	-2.2193	2.6127	109.4255	87.8651	1.2454	1.1264	8.7724
-4.00	-2.0375	2.5054	94.3966	76.4698	1.2344	1.1282	8.5972
-3.80	-1.8537	2.4136	80.2726	65.6162	1.2234	1.1308	8.4484
-3.60	-1.6678	2.3365	67.6461	55.7411	1.2136	1.1343	8.3251
-3.40	-1.4799	2.2724	56.7401	47.0505	1.2059	1.1387	8.2257
-3.20	-1.2901	2.2195	47.5409	39.6047	1.2004	1.1441	8.1490
-3.00	-1.0987	2.1762	39.8930	33.3190	1.1973	1.1508	8.0926
-2.80	-0.9058	2.1408	33.6738	28.1222	1.1974	1.1586	8.0534
-2.60	-0.7117	2.1118	28.6629	23.8876	1.1999	1.1675	8.0295
-2.40	-0.5167	2.0879	24.6675	20.4813	1.2044	1.1777	8.0188
-2.20	-0.3209	2.0679	21.6151	17.8310	1.2122	1.1884	8.0165
-2.00	-0.1245	2.0505	19.3535	15.8589	1.2204	1.1991	8.0185
-1.80	0.0720	2.0344	17.8741	14.5394	1.2294	1.2087	8.0191
-1.60	0.2686	2.0184	17.1807	13.8800	1.2378	1.2157	8.0103
-1.40	0.4648	2.0006	17.3396	13.9309	1.2447	1.2183	7.9835
-1.20	0.6601	1.9792	18.4556	14.7614	1.2503	1.2164	7.9343
-1.00	0.8540	1.9518	20.6050	16.4133	1.2554	1.2108	7.8610
-0.80	1.0460	1.9159	23.7915	18.8507	1.2621	1.2028	7.7629
-0.60	1.2354	1.8697	27.7484	21.7995	1.2729	1.1950	7.6436
-0.40	1.4218	1.8122	31.8996	24.7957	1.2865	1.1884	7.5044
-0.20	1.6052	1.7444	35.4923	27.2690	1.3016	1.1835	7.3473
0.0	1.7861	1.6691	37.7840	28.7292	1.3152	1.1801	7.1769
0.20	1.9651	1.5903	38.3194	28.9769	1.3224	1.1784	7.0004
0.40	2.1433	1.5124	37.1844	28.0813	1.3242	1.1780	6.8257
0.60	2.3217	1.4392	34.7459	26.3076	1.3208	1.1792	6.6618
0.80	2.5014	1.3735	31.4989	24.0159	1.3116	1.1824	6.5166
1.00	2.6833	1.3173	27.9109	21.4806	1.2994	1.1883	6.3981
1.20	2.8682	1.2722	24.3603	18.9418	1.2861	1.1976	6.3122
1.40	3.0569	1.2396	21.0561	16.5346	1.2735	1.2125	6.2693
1.60	3.2505	1.2215	18.0998	14.3560	1.2608	1.2350	6.2809
1.80	3.4504	1.2212	15.5511	12.4443	1.2497	1.2689	6.3656
2.00	3.6585	1.2443	13.3785	10.7756	1.2416	1.3184	6.5497
2.20	3.8776	1.3001	11.5506	9.3466	1.2358	1.3887	6.8712
2.40	4.1110	1.4041	0.0	8.1401	0.0	0.0	0.0

T= 10100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8322	3.9803	0.0	12.6693	0.0	0.0	0.0
-6.80	-4.6334	3.9692	21.1040	15.9823	1.3205	1.3109	11.7227
-6.60	-4.4352	3.9523	26.7293	20.9504	1.2758	1.2614	11.4750
-6.40	-4.2381	3.9266	35.0128	28.1715	1.2428	1.2209	11.2524
-6.20	-4.0423	3.8885	46.6663	38.1675	1.2227	1.1899	11.0543
-6.00	-3.8485	3.8337	62.1305	51.2388	1.2126	1.1675	10.8727

T= 10100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.80	-3.6571	3.7582	81.0682	66.8436	1.2128	1.1522	10.6940
-5.60	-3.4687	3.6592	101.9485	83.3999	1.2224	1.1417	10.5044
-5.40	-3.2834	3.5370	121.7314	98.5240	1.2355	1.1350	10.2970
-5.20	-3.1012	3.3956	137.1081	109.7311	1.2495	1.1306	10.0694
-5.00	-2.9213	3.2421	145.3374	115.3253	1.2602	1.1279	9.8276
-4.80	-2.7429	3.0847	145.6385	115.0813	1.2655	1.1265	9.5800
-4.60	-2.5650	2.9313	139.0427	109.8785	1.2654	1.1259	9.3364
-4.40	-2.3868	2.7881	127.6475	101.2315	1.2609	1.1261	9.1060
-4.20	-2.2074	2.6588	113.4660	90.6679	1.2514	1.1270	8.8960
-4.00	-2.0264	2.5452	98.5672	79.4741	1.2402	1.1285	8.7098
-3.80	-1.8434	2.4475	84.2601	68.5537	1.2291	1.1309	8.5502
-3.60	-1.6583	2.3649	71.2280	58.4503	1.2186	1.1341	8.4164
-3.40	-1.4711	2.2959	59.8708	49.4676	1.2103	1.1382	8.3076
-3.20	-1.2821	2.2388	50.1842	41.6965	1.2036	1.1433	8.2221
-3.00	-1.0912	2.1920	42.1186	35.0982	1.2000	1.1494	8.1573
-2.80	-0.8989	2.1537	35.4823	29.6088	1.1984	1.1568	8.1116
-2.60	-0.7053	2.1223	30.1268	25.1050	1.2000	1.1653	8.0819
-2.40	-0.5106	2.0966	25.8511	21.4684	1.2041	1.1749	8.0658
-2.20	-0.3150	2.0751	22.5210	18.6075	1.2103	1.1854	8.0603
-2.00	-0.1189	2.0566	20.0464	16.4568	1.2181	1.1962	8.0609
-1.80	0.0775	2.0400	18.3709	14.9647	1.2276	1.2060	8.0610
-1.60	0.2741	2.0238	17.4653	14.1365	1.2355	1.2136	8.0541
-1.40	0.4703	2.0064	17.4060	14.0210	1.2414	1.2175	8.0323
-1.20	0.6659	1.9859	18.3248	14.6925	1.2472	1.2164	7.9875
-1.00	0.8602	1.9600	20.2719	16.2135	1.2503	1.2113	7.9187
-0.80	1.0527	1.9264	23.2927	18.5478	1.2558	1.2039	7.8267
-0.60	1.2427	1.8829	27.2344	21.5161	1.2658	1.1955	7.7104
-0.40	1.4299	1.8281	31.5791	24.7119	1.2779	1.1885	7.5753
-0.20	1.6141	1.7627	35.5532	27.4865	1.2935	1.1831	7.4215
0.0	1.7955	1.6889	38.3946	29.3843	1.3066	1.1792	7.2528
0.20	1.9749	1.6107	39.5343	30.0914	1.3138	1.1769	7.0757
0.40	2.1533	1.5323	38.8826	29.5306	1.3167	1.1761	6.8991
0.60	2.3316	1.4578	36.7757	28.0144	1.3127	1.1768	6.7313
0.80	2.5110	1.3904	33.7139	25.8343	1.3050	1.1794	6.5809
1.00	2.6925	1.3322	30.1695	23.3554	1.2918	1.1846	6.4561
1.20	2.8768	1.2851	26.5464	20.7775	1.2777	1.1934	6.3642
1.40	3.0650	1.2505	23.0771	18.3017	1.2609	1.2074	6.3149
1.60	3.2581	1.2307	20.0088	16.0567	1.2461	1.2291	6.3206
1.80	3.4574	1.2288	17.3207	14.0431	1.2334	1.2619	6.3996
2.00	3.6650	1.2505	15.0061	12.2611	1.2239	1.3102	6.5781
2.20	3.8836	1.3052	13.0666	10.7790	1.2122	1.3792	6.8953
2.40	4.1165	1.4081	0.0	9.4553	0.0	0.0	0.0

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8275	3.9833	0.0	11.6230	0.0	0.0	0.0
-6.80	-4.6286	3.9740	19.3242	14.3986	1.3421	1.3339	11.8907
-6.60	-4.4301	3.9595	24.0214	18.5797	1.2929	1.2821	11.6365
-6.40	-4.2326	3.9375	31.0776	24.7545	1.2554	1.2378	11.4017
-6.20	-4.0362	3.9047	41.1792	33.4694	1.2304	1.2030	11.1933
-6.00	-3.8416	3.8568	54.9219	45.1844	1.2155	1.1772	11.0044
-5.80	-3.6492	3.7895	72.3987	59.6265	1.2142	1.1590	10.8238
-5.60	-3.4596	3.6996	92.4384	75.7872	1.2197	1.1466	10.6373
-5.40	-3.2732	3.5861	112.6857	91.4842	1.2317	1.1386	10.4358

T= 10200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-3.0898	3.4513	129.7692	104.1882	1.2455	1.1334	10.2147
-5.00	-2.9091	3.3015	140.7091	111.8822	1.2577	1.1301	9.9757
-4.80	-2.7302	3.1446	143.9576	113.7385	1.2657	1.1281	9.7274
-4.60	-2.5523	2.9889	139.8708	110.3411	1.2676	1.1272	9.4794
-4.40	-2.3743	2.8412	130.1454	102.9767	1.2638	1.1271	9.2422
-4.20	-2.1954	2.7063	117.0940	93.1591	1.2569	1.1277	9.0225
-4.00	-2.0151	2.5866	102.5067	82.3062	1.2454	1.1291	8.8262
-3.80	-1.8328	2.4829	88.1594	71.4029	1.2347	1.1312	8.6555
-3.60	-1.6485	2.3947	74.8427	61.1489	1.2239	1.1341	8.5111
-3.40	-1.4622	2.3207	63.0262	51.8936	1.2145	1.1379	8.3925
-3.20	-1.2738	2.2593	52.8760	43.8055	1.2071	1.1426	8.2979
-3.00	-1.0836	2.2088	44.3784	36.9098	1.2023	1.1483	8.2249
-2.80	-0.8919	2.1674	37.3486	31.1145	1.2004	1.1552	8.1719
-2.60	-0.6987	2.1335	31.6372	26.3455	1.2009	1.1634	8.1367
-2.40	-0.5044	2.1057	27.0629	22.4695	1.2044	1.1726	8.1155
-2.20	-0.3092	2.0827	23.4476	19.4017	1.2085	1.1827	8.1057
-2.00	-0.1133	2.0631	20.7483	17.0462	1.2172	1.1935	8.1041
-1.80	0.0830	2.0457	18.8180	15.3621	1.2250	1.2036	8.1041
-1.60	0.2795	2.0293	17.6980	14.3425	1.2340	1.2121	8.0998
-1.40	0.4758	2.0121	17.3957	14.0143	1.2413	1.2172	8.0825
-1.20	0.6716	1.9925	18.0035	14.4423	1.2466	1.2177	8.0447
-1.00	0.8662	1.9681	19.6528	15.6981	1.2519	1.2135	7.9814
-0.80	1.0593	1.9367	22.3840	17.8236	1.2559	1.2066	7.8947
-0.60	1.2500	1.8958	26.0658	20.6056	1.2650	1.1987	7.7856
-0.40	1.4379	1.8440	30.2660	23.7125	1.2764	1.1914	7.6548
-0.20	1.6229	1.7812	34.3860	26.6173	1.2919	1.1855	7.5047
0.0	1.8050	1.7093	37.4853	28.6982	1.3062	1.1813	7.3387
0.20	1.9849	1.6319	39.0412	29.7019	1.3144	1.1786	7.1626
0.40	2.1634	1.5533	38.7849	29.4325	1.3178	1.1776	6.9850
0.60	2.3418	1.4776	37.0256	28.1484	1.3154	1.1780	6.8140
0.80	2.5209	1.4084	34.1611	26.1467	1.3065	1.1805	6.6595
1.00	2.7020	1.3482	30.7008	23.7213	1.2942	1.1855	6.5293
1.20	2.8858	1.2990	27.1217	21.1540	1.2821	1.1941	6.4322
1.40	3.0734	1.2624	23.6693	18.6889	1.2665	1.2078	6.3772
1.60	3.2659	1.2407	20.5518	16.4279	1.2510	1.2293	6.3781
1.80	3.4646	1.2371	17.7261	14.3625	1.2342	1.2616	6.4520
2.00	3.6717	1.2574	15.3671	12.5225	1.2272	1.3094	6.6268
2.20	3.8897	1.3108	13.3656	10.9574	1.2198	1.3777	6.9405
2.40	4.1222	1.4126	0.0	9.6703	0.0	0.0	0.0

T= 10300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8230	3.9859	0.0	10.7840	0.0	0.0	0.0
-6.80	-4.6239	3.9779	17.9157	13.1032	1.3673	1.3569	12.0573
-6.60	-4.4252	3.9656	21.8571	16.6321	1.3142	1.3034	11.7990
-6.40	-4.2273	3.9468	27.8523	21.8915	1.2723	1.2558	11.5542
-6.20	-4.0304	3.9184	36.5132	29.4548	1.2396	1.2171	11.3334
-6.00	-3.8351	3.8766	48.6942	39.8094	1.2232	1.1879	11.1368
-5.80	-3.6418	3.8171	64.5172	53.0694	1.2157	1.1667	10.9523
-5.60	-3.4512	3.7359	83.4700	68.4653	1.2192	1.1524	10.7686
-5.40	-3.2635	3.6311	103.5919	84.3155	1.2286	1.1427	10.5717
-5.20	-3.0790	3.5037	121.8800	98.1607	1.2416	1.1364	10.3560
-5.00	-2.8974	3.3587	135.2270	107.7043	1.2555	1.1324	10.1212
-4.80	-2.7179	3.2034	141.2619	111.6943	1.2647	1.1300	9.8742

T= 10300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.5398	3.0464	139.8048	110.1798	1.2689	1.1287	9.6235
-4.40	-2.3619	2.8951	132.1012	104.2307	1.2674	1.1283	9.3799
-4.20	-2.1834	2.7550	120.1943	95.3286	1.2608	1.1287	9.1516
-4.00	-2.0037	2.6295	106.3132	84.9194	1.2519	1.1298	8.9452
-3.80	-1.8222	2.5198	91.9597	74.1551	1.2401	1.1316	8.7636
-3.60	-1.6387	2.4260	78.4261	63.7935	1.2294	1.1342	8.6087
-3.40	-1.4531	2.3468	66.2421	54.3246	1.2194	1.1376	8.4797
-3.20	-1.2654	2.2809	55.6639	45.9494	1.2114	1.1419	8.3758
-3.00	-1.0759	2.2265	46.7262	38.7472	1.2059	1.1474	8.2950
-2.80	-0.8847	2.1819	39.2812	32.6695	1.2024	1.1540	8.2350
-2.60	-0.6921	2.1453	33.1932	27.6226	1.2017	1.1617	8.1930
-2.40	-0.4982	2.1154	28.2846	23.5080	1.2032	1.1705	8.1665
-2.20	-0.3033	2.0907	24.4485	20.2078	1.2099	1.1804	8.1530
-2.00	-0.1076	2.0698	21.4371	17.6375	1.2154	1.1910	8.1487
-1.80	0.0885	2.0516	19.2712	15.7414	1.2242	1.2016	8.1485
-1.60	0.2849	2.0347	17.8642	14.4909	1.2328	1.2108	8.1458
-1.40	0.4813	2.0176	17.2500	13.9001	1.2410	1.2172	8.1330
-1.20	0.6771	1.9985	17.4954	14.0227	1.2477	1.2197	8.1028
-1.00	0.8721	1.9754	18.7109	14.9123	1.2547	1.2174	8.0481
-0.80	1.0655	1.9457	20.8834	16.5986	1.2581	1.2116	7.9683
-0.60	1.2568	1.9072	24.0693	18.9677	1.2690	1.2042	7.8652
-0.40	1.4455	1.8581	27.9183	21.8015	1.2806	1.1970	7.7398
-0.20	1.6312	1.7978	31.7371	24.5207	1.2943	1.1909	7.5939
0.0	1.8140	1.7279	34.9082	26.6587	1.3095	1.1865	7.4310
0.20	1.9943	1.6515	36.6781	27.7685	1.3209	1.1838	7.2567
0.40	2.1731	1.5729	36.7872	27.7192	1.3271	1.1826	7.0784
0.60	2.3515	1.4964	35.3631	26.6250	1.3282	1.1832	6.9059
0.80	2.5305	1.4257	32.8028	24.7684	1.3244	1.1856	6.7476
1.00	2.7111	1.3637	29.5422	22.4881	1.3137	1.1907	6.6133
1.20	2.8945	1.3124	26.0998	20.0321	1.3029	1.1995	6.5116
1.40	3.0816	1.2739	22.7110	17.6288	1.2883	1.2135	6.4528
1.60	3.2735	1.2504	19.6003	15.3922	1.2734	1.2353	6.4501
1.80	3.4717	1.2453	16.8300	13.3440	1.2612	1.2681	6.5217
2.00	3.6782	1.2642	14.4763	11.6030	1.2476	1.3167	6.6955
2.20	3.8958	1.3163	12.4506	10.0425	1.2398	1.3856	7.0089
2.40	4.1278	1.4170	0.0	8.7049	0.0	0.0	0.0

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8186	3.9880	0.0	10.0946	0.0	0.0	0.0
-6.80	-4.6193	3.9812	16.6794	12.0367	1.3857	1.3794	12.2209
-6.60	-4.4205	3.9707	20.0654	15.0239	1.3356	1.3251	11.9623
-6.40	-4.2223	3.9546	25.1375	19.4917	1.2896	1.2751	11.7105
-6.20	-4.0250	3.9301	32.5901	26.0117	1.2529	1.2324	11.4772
-6.00	-3.8290	3.8937	43.2210	35.1377	1.2300	1.1996	11.2704
-5.80	-3.6349	3.8411	57.4401	47.1326	1.2187	1.1755	11.0813
-5.60	-3.4432	3.7683	75.0771	61.6505	1.2178	1.1586	10.8968
-5.40	-3.2544	3.6722	94.7643	77.2852	1.2262	1.1473	10.7043
-5.20	-3.0688	3.5527	113.7641	91.8876	1.2381	1.1398	10.4942
-5.00	-2.8862	3.4134	128.9383	103.0240	1.2515	1.1350	10.2647
-4.80	-2.7060	3.2609	137.7242	109.0039	1.2635	1.1319	10.0193
-4.60	-2.5275	3.1036	138.9234	109.4291	1.2695	1.1303	9.7676
-4.40	-2.3496	2.9495	133.3635	105.0273	1.2698	1.1295	9.5187
-4.20	-2.1715	2.8048	122.9421	97.1834	1.2651	1.1296	9.2827

T= 10400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-1.9922	2.6738	109.7874	87.3647	1.2567	1.1305	9.0666
-3.80	-1.8114	2.5582	95.6685	76.8090	1.2455	1.1320	8.8747
-3.60	-1.6287	2.4587	81.9758	66.4314	1.2340	1.1343	8.7090
-3.40	-1.4438	2.3743	69.4828	56.7601	1.2241	1.1374	8.5699
-3.20	-1.2569	2.3037	58.4835	48.1395	1.2149	1.1414	8.4562
-3.00	-1.0681	2.2453	49.1305	40.6472	1.2087	1.1465	8.3671
-2.80	-0.8775	2.1972	41.3200	34.2861	1.2052	1.1528	8.2998
-2.60	-0.6853	2.1579	34.8584	28.9753	1.2030	1.1600	8.2509
-2.40	-0.4919	2.1256	29.6323	24.6095	1.2041	1.1686	8.2192
-2.20	-0.2973	2.0991	25.4831	21.0938	1.2081	1.1781	8.2008
-2.00	-0.1020	2.0769	22.2600	18.3289	1.2145	1.1885	8.1933
-1.80	0.0940	2.0577	19.8597	16.2514	1.2220	1.1992	8.1918
-1.60	0.2903	2.0402	18.2403	14.8236	1.2305	1.2086	8.1892
-1.40	0.4866	2.0230	17.4014	14.0493	1.2386	1.2160	8.1794
-1.20	0.6826	2.0043	17.4182	13.9710	1.2467	1.2197	8.1540
-1.00	0.8778	1.9822	18.3423	14.6510	1.2519	1.2191	8.1066
-0.80	1.0716	1.9542	20.3018	16.1270	1.2589	1.2143	8.0335
-0.60	1.2635	1.9179	23.2326	18.3352	1.2671	1.2072	7.9352
-0.40	1.4528	1.8713	26.9117	21.0617	1.2778	1.1999	7.8144
-0.20	1.6392	1.8136	30.7810	23.8329	1.2915	1.1936	7.6730
0.0	1.8226	1.7458	34.1189	26.1256	1.3060	1.1890	7.5134
0.20	2.0035	1.6706	36.2368	27.4974	1.3178	1.1860	7.3406
0.40	2.1826	1.5922	36.7498	27.7074	1.3264	1.1845	7.1619
0.60	2.3611	1.5151	35.6548	26.8669	1.3271	1.1848	6.9871
0.80	2.5399	1.4430	33.3468	25.1983	1.3234	1.1873	6.8260
1.00	2.7203	1.3792	30.2541	23.0426	1.3130	1.1922	6.6871
1.20	2.9032	1.3261	26.8697	20.6514	1.3011	1.2007	6.5805
1.40	3.0898	1.2857	23.4856	18.2639	1.2859	1.2147	6.5169
1.60	3.2811	1.2604	20.3430	15.9955	1.2718	1.2361	6.5091
1.80	3.4788	1.2536	17.5341	13.9308	1.2587	1.2689	6.5772
2.00	3.6848	1.2711	15.0893	12.1028	1.2468	1.3168	6.7467
2.20	3.9019	1.3220	13.0210	10.5103	1.2389	1.3858	7.0585
2.40	4.1334	1.4215	0.0	9.1426	0.0	0.0	0.0

T= 10500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8143	3.9897	0.0	9.5250	0.0	0.0	0.0
-6.80	-4.6149	3.9839	15.6665	11.1523	1.4048	1.4014	12.3815
-6.60	-4.4159	3.9750	18.5231	13.6608	1.3559	1.3475	12.1273
-6.40	-4.2174	3.9611	22.8106	17.4671	1.3059	1.2952	11.8689
-6.20	-4.0197	3.9400	29.2519	23.0773	1.2676	1.2496	11.6268
-6.00	-3.8232	3.9083	38.4815	31.0726	1.2384	1.2128	11.4083
-5.80	-3.6284	3.8621	51.1816	41.8096	1.2242	1.1853	11.2111
-5.60	-3.4358	3.7969	67.3609	55.2840	1.2185	1.1658	11.0245
-5.40	-3.2459	3.7094	86.2183	70.4079	1.2246	1.1525	10.8343
-5.20	-3.0591	3.5982	105.5171	85.3955	1.2356	1.1436	10.6294
-5.00	-2.8755	3.4654	122.1283	97.7907	1.2489	1.1379	10.4052
-4.80	-2.6945	3.3167	133.1715	105.6131	1.2609	1.1342	10.1631
-4.60	-2.5155	3.1602	137.0314	107.9623	1.2693	1.1320	9.9108
-4.40	-2.3375	3.0041	133.7930	105.2165	1.2716	1.1310	9.6586
-4.20	-2.1595	2.8555	125.0479	98.5686	1.2686	1.1307	9.4157
-4.00	-1.9808	2.7192	112.8353	89.4752	1.2611	1.1313	9.1904
-3.80	-1.8006	2.5980	99.2019	79.2622	1.2516	1.1326	8.9885
-3.60	-1.6185	2.4927	85.4656	68.9394	1.2397	1.1346	8.8124

T= 10500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.40	-1.4345	2.4030	72.6867	59.1565	1.2287	1.1375	8.6633
-3.20	-1.2483	2.3276	61.3527	50.3143	1.2194	1.1412	8.5401
-3.00	-1.0601	2.2650	51.5710	42.5543	1.2119	1.1459	8.4420
-2.80	-0.8701	2.2134	43.3503	35.9122	1.2071	1.1518	8.3666
-2.60	-0.6785	2.1711	36.5601	30.3322	1.2053	1.1587	8.3109
-2.40	-0.4855	2.1365	31.0412	25.7312	1.2064	1.1669	8.2735
-2.20	-0.2913	2.1080	26.5758	22.0032	1.2078	1.1762	8.2508
-2.00	-0.0963	2.0843	23.1056	19.0405	1.2135	1.1861	8.2389
-1.80	0.0995	2.0640	20.4861	16.7797	1.2209	1.1967	8.2352
-1.60	0.2957	2.0458	18.6746	15.1755	1.2306	1.2068	8.2334
-1.40	0.4919	2.0284	17.6085	14.2170	1.2385	1.2148	8.2256
-1.20	0.6880	2.0100	17.3685	13.9389	1.2460	1.2197	8.2045
-1.00	0.8833	1.9887	18.0252	14.3986	1.2519	1.2201	8.1624
-0.80	1.0775	1.9621	19.6780	15.6443	1.2578	1.2162	8.0946
-0.60	1.2699	1.9278	22.3381	17.6425	1.2662	1.2098	8.0025
-0.40	1.4598	1.8837	25.7999	20.2225	1.2758	1.2027	7.8869
-0.20	1.6469	1.8285	29.6134	22.9763	1.2889	1.1961	7.7495
0.0	1.8310	1.7629	33.0921	25.3785	1.3039	1.1911	7.5930
0.20	2.0124	1.6891	35.5017	26.9550	1.3171	1.1878	7.4223
0.40	2.1919	1.6112	36.3811	27.4225	1.3267	1.1861	7.2437
0.60	2.3705	1.5336	35.6300	26.8128	1.3288	1.1860	7.0668
0.80	2.5492	1.4603	33.5812	25.3300	1.3257	1.1881	6.9022
1.00	2.7293	1.3949	30.6642	23.2808	1.3171	1.1929	6.7594
1.20	2.9119	1.3399	27.3441	20.9540	1.3050	1.2013	6.6479
1.40	3.0979	1.2976	23.9751	18.5733	1.2908	1.2149	6.5793
1.60	3.2888	1.2705	20.7977	16.2946	1.2764	1.2360	6.5665
1.80	3.4859	1.2622	17.9356	14.2045	1.2627	1.2684	6.6298
2.00	3.6914	1.2782	15.4268	12.3384	1.2503	1.3162	6.7964
2.20	3.9079	1.3278	13.2798	10.7060	1.2404	1.3847	7.1054
2.40	4.1390	1.4262	0.0	9.3015	0.0	0.0	0.0

T= 10600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8100	3.9912	0.0	9.0612	0.0	0.0	0.0
-6.80	-4.6105	3.9862	14.8882	10.4328	1.4271	1.4225	12.5371
-6.60	-4.4114	3.9785	17.2859	12.5526	1.3771	1.3692	12.2881
-6.40	-4.2127	3.9666	20.9425	15.7889	1.3264	1.3156	12.0273
-6.20	-4.0147	3.9484	26.4465	20.6025	1.2837	1.2671	11.7759
-6.00	-3.8177	3.9208	34.4744	27.5516	1.2513	1.2268	11.5468
-5.80	-3.6222	3.8802	45.6576	37.1346	1.2295	1.1958	11.3411
-5.60	-3.4288	3.8222	60.4165	49.4755	1.2211	1.1736	11.1509
-5.40	-3.2379	3.7429	78.2051	63.9346	1.2232	1.1582	10.9621
-5.20	-3.0500	3.6400	97.3229	78.9700	1.2324	1.1477	10.7610
-5.00	-2.8652	3.5143	114.9333	92.2813	1.2455	1.1409	10.5422
-4.80	-2.6834	3.3705	127.9946	101.7278	1.2582	1.1365	10.3045
-4.60	-2.5038	3.2158	134.3721	105.9298	1.2685	1.1338	10.0533
-4.40	-2.3255	3.0587	133.5260	104.9031	1.2729	1.1324	9.7984
-4.20	-2.1477	2.9068	126.6232	99.5751	1.2716	1.1319	9.5499
-4.00	-1.9693	2.7657	115.6143	91.3403	1.2658	1.1322	9.3167
-3.80	-1.7896	2.6390	102.4990	81.5651	1.2567	1.1332	9.1047
-3.60	-1.6083	2.5281	88.8343	71.3712	1.2447	1.1351	8.9187
-3.40	-1.4249	2.4330	75.9230	61.5328	1.2339	1.1377	8.7593
-3.20	-1.2395	2.3528	64.2602	52.4923	1.2242	1.1412	8.6268
-3.00	-1.0520	2.2858	54.0900	44.4876	1.2158	1.1455	8.5194

T= 10600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-0.8627	2.2305	45.4686	37.5847	1.2098	1.1508	8.4350
-2.60	-0.6716	2.1851	38.3098	31.7480	1.2067	1.1575	8.3729
-2.40	-0.4791	2.1479	32.4618	26.9025	1.2066	1.1651	8.3288
-2.20	-0.2853	2.1173	27.7425	22.9543	1.2086	1.1742	8.3015
-2.00	-0.0905	2.0920	23.9952	19.7942	1.2122	1.1839	8.2859
-1.80	0.1050	2.0706	21.1712	17.3513	1.2201	1.1942	8.2788
-1.60	0.3010	2.0516	19.1154	15.5708	1.2276	1.2046	8.2767
-1.40	0.4972	2.0338	17.8492	14.4372	1.2363	1.2133	8.2706
-1.20	0.6933	2.0155	17.3813	13.9718	1.2440	1.2191	8.2529
-1.00	0.8888	1.9949	17.8105	14.2235	1.2522	1.2207	8.2159
-0.80	1.0833	1.9695	19.1783	15.2496	1.2576	1.2180	8.1546
-0.60	1.2761	1.9372	21.5415	17.0453	1.2638	1.2121	8.0677
-0.40	1.4666	1.8954	24.7923	19.4688	1.2734	1.2051	7.9569
-0.20	1.6544	1.8427	28.5325	22.1712	1.2869	1.1986	7.8245
0.0	1.8392	1.7793	32.0972	24.6541	1.3019	1.1932	7.6713
0.20	2.0212	1.7072	34.7573	26.4235	1.3154	1.1896	7.5029
0.40	2.2011	1.6299	35.9897	27.1526	1.3255	1.1876	7.3250
0.60	2.3798	1.5520	35.6119	26.7732	1.3301	1.1874	7.1474
0.80	2.5585	1.4778	33.8256	25.4781	1.3276	1.1891	6.9793
1.00	2.7384	1.4108	31.0904	23.5543	1.3199	1.1936	6.8320
1.20	2.9205	1.3540	27.8654	21.2921	1.3087	1.2017	6.7158
1.40	3.1061	1.3099	24.5155	18.9377	1.2945	1.2150	6.6420
1.60	3.2964	1.2810	21.3143	16.6532	1.2799	1.2360	6.6247
1.80	3.4930	1.2710	18.3948	14.5364	1.2654	1.2679	6.6834
2.00	3.6980	1.2855	15.8260	12.6351	1.2525	1.3153	6.8460
2.20	3.9140	1.3339	13.6192	10.9626	1.2423	1.3835	7.1522
2.40	4.1446	1.4310	0.0	9.5171	0.0	0.0	0.0

T= 10700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8058	3.9924	0.0	8.6831	0.0	0.0	0.0
-6.80	-4.6062	3.9882	14.2264	9.8343	1.4466	1.4416	12.6835
-6.60	-4.4070	3.9816	16.2238	11.6250	1.3956	1.3902	12.4447
-6.40	-4.2081	3.9713	19.3671	14.3730	1.3475	1.3362	12.1853
-6.20	-4.0098	3.9555	24.0671	18.5046	1.3006	1.2853	11.9269
-6.00	-3.8124	3.9316	30.9836	24.5569	1.2617	1.2417	11.6874
-5.80	-3.6164	3.8960	40.8122	33.0264	1.2357	1.2077	11.4741
-5.60	-3.4222	3.8445	54.1669	44.2008	1.2255	1.1823	11.2776
-5.40	-3.2303	3.7729	70.7122	57.8227	1.2229	1.1644	11.0871
-5.20	-3.0414	3.6782	89.3091	72.6254	1.2297	1.1523	10.8900
-5.00	-2.8555	3.5602	107.5053	86.5637	1.2419	1.1443	10.6768
-4.80	-2.6727	3.4219	122.2699	97.3426	1.2561	1.1391	10.4434
-4.60	-2.4925	3.2701	130.9041	103.3443	1.2667	1.1359	10.1946
-4.40	-2.3138	3.1129	132.4849	104.0551	1.2732	1.1340	9.9382
-4.20	-2.1359	2.9585	127.5838	100.1505	1.2739	1.1331	9.6850
-4.00	-1.9578	2.8132	117.9257	92.8963	1.2694	1.1331	9.4443
-3.80	-1.7787	2.6812	105.5138	83.6855	1.2608	1.1340	9.2235
-3.60	-1.5980	2.5648	92.2067	73.7093	1.2509	1.1356	9.0274
-3.40	-1.4153	2.4643	79.1113	63.8655	1.2387	1.1379	8.8576
-3.20	-1.2306	2.3790	67.1532	54.6666	1.2284	1.1410	8.7152
-3.00	-1.0438	2.3077	56.6554	46.4431	1.2199	1.1451	8.5988
-2.80	-0.8551	2.2485	47.6517	39.2932	1.2127	1.1501	8.5062
-2.60	-0.6646	2.1999	40.1315	33.2000	1.2088	1.1564	8.4367
-2.40	-0.4726	2.1600	33.9500	28.1104	1.2077	1.1637	8.3865

T= 10700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.2792	2.1272	28.9388	23.9406	1.2088	1.1721	8.3525
-2.00	-0.0848	2.1002	24.9859	20.5837	1.2139	1.1817	8.3332
-1.80	0.1105	2.0774	21.8862	17.9552	1.2189	1.1920	8.3237
-1.60	0.3063	2.0576	19.6137	15.9999	1.2259	1.2023	8.3199
-1.40	0.5025	2.0393	18.1479	14.6899	1.2354	1.2116	8.3146
-1.20	0.6985	2.0210	17.4615	14.0342	1.2442	1.2181	8.2995
-1.00	0.8942	2.0008	17.6087	14.0776	1.2508	1.2211	8.2679
-0.80	1.0889	1.9766	18.6983	14.8725	1.2572	1.2198	8.2136
-0.60	1.2821	1.9459	20.7916	16.4378	1.2649	1.2148	8.1328
-0.40	1.4732	1.9063	23.7700	18.6668	1.2734	1.2081	8.0274
-0.20	1.6616	1.8561	27.3534	21.2689	1.2861	1.2014	7.8989
0.0	1.8470	1.7950	30.9129	23.7844	1.2997	1.1958	7.7499
0.20	2.0297	1.7246	33.7698	25.6881	1.3146	1.1917	7.5833
0.40	2.2100	1.6482	35.3016	26.6344	1.3254	1.1894	7.4063
0.60	2.3890	1.5703	35.2683	26.4864	1.3316	1.1890	7.2278
0.80	2.5677	1.4952	33.7867	25.3943	1.3305	1.1906	7.0577
1.00	2.7473	1.4268	31.2678	23.6182	1.3239	1.1948	6.9066
1.20	2.9292	1.3683	28.1567	21.4553	1.3123	1.2026	6.7853
1.40	3.1143	1.3223	24.8799	19.1469	1.2994	1.2157	6.7066
1.60	3.3041	1.2916	21.6753	16.8784	1.2842	1.2363	6.6844
1.80	3.5002	1.2800	18.7373	14.7581	1.2696	1.2680	6.7390
2.00	3.7046	1.2931	16.1250	12.8401	1.2558	1.3149	6.8975
2.20	3.9201	1.3401	13.8709	11.1465	1.2444	1.3825	7.2000
2.40	4.1502	1.4361	0.0	9.6757	0.0	0.0	0.0

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.8016	3.9935	0.0	8.3686	0.0	0.0	0.0
-6.80	-4.6020	3.9898	13.6614	9.3387	1.4629	1.4595	12.8242
-6.60	-4.4026	3.9841	15.4071	10.8501	1.4200	1.4106	12.5984
-6.40	-4.2036	3.9752	18.0181	13.1902	1.3660	1.3572	12.3436
-6.20	-4.0051	3.9616	22.0678	16.7275	1.3193	1.3048	12.0824
-6.00	-3.8074	3.9408	28.0546	21.9663	1.2772	1.2583	11.8341
-5.80	-3.6108	3.9096	36.6929	29.4257	1.2470	1.2205	11.6083
-5.60	-3.4159	3.8640	48.5925	39.4994	1.2302	1.1919	11.4049
-5.40	-3.2232	3.7996	63.8330	52.1374	1.2243	1.1716	11.2128
-5.20	-3.0332	3.7130	81.6573	66.4468	1.2289	1.1577	11.0182
-5.00	-2.8463	3.6028	100.0229	80.7000	1.2394	1.1482	10.8090
-4.80	-2.6625	3.4708	115.9432	92.5722	1.2525	1.1421	10.5805
-4.60	-2.4815	3.3227	126.6943	100.1672	1.2648	1.1381	10.3346
-4.40	-2.3024	3.1665	130.6362	102.6161	1.2731	1.1358	10.0784
-4.20	-2.1244	3.0103	127.8322	100.1994	1.2758	1.1346	9.8214
-4.00	-1.9464	2.8613	119.7136	94.0551	1.2728	1.1343	9.5739
-3.80	-1.7677	2.7245	108.2371	85.5222	1.2656	1.1348	9.3445
-3.60	-1.5875	2.6027	95.3042	75.8858	1.2559	1.1361	9.1383
-3.40	-1.4056	2.4968	82.2381	66.0867	1.2444	1.1382	8.9586
-3.20	-1.2216	2.4065	70.0505	56.7989	1.2333	1.1410	8.8062
-3.00	-1.0355	2.3306	59.1931	48.3778	1.2236	1.1448	8.6803
-2.80	-0.8474	2.2674	49.8461	40.9939	1.2159	1.1496	8.5800
-2.60	-0.6575	2.2154	41.9884	34.6510	1.2118	1.1554	8.5025
-2.40	-0.4660	2.1727	35.4715	29.3480	1.2087	1.1624	8.4455
-2.20	-0.2730	2.1376	30.1999	24.9538	1.2102	1.1705	8.4061
-2.00	-0.0790	2.1087	25.9623	21.3984	1.2133	1.1798	8.3822
-1.80	0.1160	2.0845	22.6402	18.5921	1.2177	1.1898	8.3695

T= 10800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.3117	2.0637	20.1866	16.4695	1.2257	1.2001	8.3634
-1.40	0.5077	2.0449	18.5113	14.9916	1.2348	1.2096	8.3578
-1.20	0.7037	2.0264	17.5932	14.1652	1.2420	1.2172	8.3461
-1.00	0.8995	2.0066	17.5240	14.0216	1.2498	1.2212	8.3188
-0.80	1.0944	1.9833	18.3598	14.6123	1.2565	1.2209	8.2694
-0.60	1.2880	1.9541	20.1760	15.9729	1.2631	1.2168	8.1945
-0.40	1.4795	1.9165	22.9385	18.0279	1.2724	1.2105	8.0944
-0.20	1.6686	1.8687	26.3647	20.5421	1.2834	1.2038	7.9706
0.0	1.8547	1.8099	29.9464	23.0722	1.2979	1.1979	7.8252
0.20	2.0379	1.7414	32.9546	25.1189	1.3119	1.1935	7.6613
0.40	2.2187	1.6661	34.7804	26.2645	1.3242	1.1909	7.4858
0.60	2.3979	1.5883	35.0877	26.3506	1.3316	1.1903	7.3071
0.80	2.5767	1.5125	33.9103	25.4542	1.3322	1.1917	7.1347
1.00	2.7562	1.4428	31.6005	23.8206	1.3266	1.1958	6.9803
1.20	2.9377	1.3827	28.6175	21.7419	1.3162	1.2032	6.8545
1.40	3.1225	1.3349	25.3673	19.4732	1.3027	1.2160	6.7708
1.60	3.3118	1.3025	22.1584	17.2094	1.2876	1.2365	6.7441
1.80	3.5073	1.2892	19.1715	15.0690	1.2722	1.2676	6.7936
2.00	3.7112	1.3008	16.5176	13.1189	1.2591	1.3143	6.9486
2.20	3.9262	1.3465	14.1956	11.3892	1.2464	1.3816	7.2484
2.40	4.1558	1.4412	0.0	9.8809	0.0	0.0	0.0

T= 10900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7975	3.9943	0.0	8.1180	0.0	0.0	0.0
-6.80	-4.5979	3.9912	13.2248	8.9322	1.4806	1.4761	12.9584
-6.60	-4.3984	3.9862	14.6515	10.2169	1.4340	1.4306	12.7493
-6.40	-4.1992	3.9786	16.9056	12.1990	1.3858	1.3781	12.5011
-6.20	-4.0005	3.9668	20.3017	15.2296	1.3330	1.3251	12.2401
-6.00	-3.8025	3.9486	25.5433	19.7552	1.2930	1.2760	11.9838
-5.80	-3.6055	3.9213	33.0995	26.2926	1.2589	1.2346	11.7470
-5.60	-3.4100	3.8809	43.6536	35.3013	1.2366	1.2028	11.5347
-5.40	-3.2165	3.8233	57.5840	46.8989	1.2278	1.1795	11.3373
-5.20	-3.0256	3.7445	74.4144	60.5747	1.2285	1.1634	11.1430
-5.00	-2.8376	3.6421	92.5059	74.8297	1.2362	1.1523	10.9374
-4.80	-2.6528	3.5169	109.2854	87.4774	1.2493	1.1452	10.7145
-4.60	-2.4709	3.3735	121.8238	96.5116	1.2623	1.1406	10.4725
-4.40	-2.2912	3.2190	128.0585	100.6286	1.2726	1.1378	10.2173
-4.20	-2.1130	3.0620	127.3880	99.7730	1.2768	1.1361	9.9577
-4.00	-1.9351	2.9099	120.9624	94.8155	1.2758	1.1355	9.7049
-3.80	-1.7567	2.7687	110.5785	87.0756	1.2699	1.1359	9.4678
-3.60	-1.5771	2.6417	98.1290	77.8579	1.2604	1.1369	9.2522
-3.40	-1.3958	2.5305	85.2426	68.2187	1.2495	1.1386	9.0623
-3.20	-1.2125	2.4351	72.9123	58.8683	1.2386	1.1412	8.8998
-3.00	-1.0271	2.3545	61.7796	50.2874	1.2285	1.1447	8.7646
-2.80	-0.8397	2.2873	52.0959	42.6928	1.2202	1.1492	8.6556
-2.60	-0.6503	2.2317	43.8627	36.1316	1.2140	1.1547	8.5705
-2.40	-0.4593	2.1860	37.0406	30.5950	1.2107	1.1613	8.5064
-2.20	-0.2668	2.1485	31.4518	25.9870	1.2103	1.1691	8.4616
-2.00	-0.0731	2.1177	26.9693	22.2364	1.2128	1.1780	8.4324
-1.80	0.1216	2.0920	23.4395	19.2497	1.2177	1.1878	8.4161
-1.60	0.3170	2.0701	20.7732	16.9603	1.2248	1.1979	8.4072
-1.40	0.5129	2.0505	18.8702	15.3244	1.2314	1.2077	8.4016
-1.20	0.7089	2.0318	17.7767	14.3305	1.2405	1.2159	8.3916

T= 10900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	0.9047	2.0122	17.4909	14.0085	1.2486	1.2208	8.3678
-0.80	1.0998	1.9896	18.0901	14.4075	1.2556	1.2217	8.3236
-0.60	1.2937	1.9618	19.6414	15.5674	1.2617	1.2187	8.2550
-0.40	1.4857	1.9262	22.1748	17.4458	1.2711	1.2129	8.1603
-0.20	1.6753	1.8807	25.4249	19.8412	1.2814	1.2060	8.0405
0.0	1.8621	1.8242	28.9852	22.3694	1.2958	1.2001	7.8996
0.20	2.0460	1.7577	32.1302	24.5278	1.3099	1.1957	7.7398
0.40	2.2273	1.6836	34.2382	25.8808	1.3229	1.1928	7.5658
0.60	2.4068	1.6061	34.8609	26.1847	1.3313	1.1919	7.3869
0.80	2.5857	1.5298	33.9847	25.4883	1.3333	1.1930	7.2127
1.00	2.7651	1.4590	31.8968	24.0057	1.3287	1.1968	7.0549
1.20	2.9463	1.3973	29.0466	22.0193	1.3191	1.2044	6.9258
1.40	3.1306	1.3478	25.8575	19.7962	1.3062	1.2170	6.8375
1.60	3.3195	1.3136	22.6524	17.5411	1.2914	1.2371	6.8059
1.80	3.5145	1.2987	19.6270	15.3868	1.2756	1.2682	6.8515
2.00	3.7179	1.3088	16.9122	13.4097	1.2612	1.3145	7.0027
2.20	3.9324	1.3531	14.5462	11.6447	1.2492	1.3817	7.3000
2.40	4.1614	1.4466	0.0	10.1028	0.0	0.0	0.0

T= 11000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7935	3.9951	0.0	7.8862	0.0	0.0	0.0
-6.80	-4.5938	3.9923	12.8181	8.5703	1.4956	1.4910	13.0851
-6.60	-4.3942	3.9881	13.9889	9.6590	1.4483	1.4484	12.8900
-6.40	-4.1950	3.9814	15.9260	11.3506	1.4031	1.3981	12.6540
-6.20	-3.9961	3.9711	18.8917	13.9520	1.3540	1.3449	12.3947
-6.00	-3.7978	3.9553	23.3376	17.8627	1.3065	1.2937	12.1321
-5.80	-3.6005	3.9314	29.9338	23.5875	1.2691	1.2494	11.8866
-5.60	-3.4044	3.8958	39.2869	31.6040	1.2431	1.2143	11.6652
-5.40	-3.2102	3.8443	51.9605	42.1924	1.2315	1.1880	11.4618
-5.20	-3.0183	3.7728	67.6364	55.0918	1.2277	1.1695	11.2659
-5.00	-2.8294	3.6782	85.3351	69.0975	1.2350	1.1569	11.0636
-4.80	-2.6435	3.5602	102.6436	82.3088	1.2471	1.1486	10.8453
-4.60	-2.4607	3.4221	116.6176	92.5602	1.2599	1.1432	10.6079
-4.40	-2.2804	3.2703	124.9138	98.2615	1.2712	1.1397	10.3545
-4.20	-2.1018	3.1133	126.4616	98.9700	1.2778	1.1378	10.0941
-4.00	-1.9239	2.9589	121.8049	95.3023	1.2781	1.1368	9.8364
-3.80	-1.7457	2.8136	112.6317	88.4481	1.2734	1.1368	9.5919
-3.60	-1.5666	2.6817	100.8702	79.7337	1.2651	1.1375	9.3675
-3.40	-1.3859	2.5653	88.1803	70.2970	1.2544	1.1391	9.1679
-3.20	-1.2032	2.4647	75.7504	60.9667	1.2425	1.1414	8.9956
-3.00	-1.0185	2.3794	64.4194	52.2511	1.2329	1.1447	8.8516
-2.80	-0.8318	2.3080	54.3803	44.4535	1.2233	1.1488	8.7332
-2.60	-0.6430	2.2488	45.8168	37.6573	1.2167	1.1540	8.6398
-2.40	-0.4526	2.2000	38.6942	31.8924	1.2133	1.1603	8.5689
-2.20	-0.2605	2.1600	32.7964	27.0742	1.2114	1.1677	8.5179
-2.00	-0.0672	2.1271	28.0492	23.1222	1.2131	1.1763	8.4837
-1.80	0.1272	2.0998	24.2975	19.9532	1.2177	1.1859	8.4634
-1.60	0.3224	2.0767	21.4111	17.4927	1.2240	1.1959	8.4522
-1.40	0.5181	2.0563	19.3152	15.6921	1.2309	1.2058	8.4453
-1.20	0.7140	2.0372	18.0148	14.5281	1.2400	1.2145	8.4362
-1.00	0.9098	2.0177	17.5181	14.0227	1.2493	1.2204	8.4160
-0.80	1.1051	1.9958	17.8421	14.2214	1.2546	1.2225	8.3775
-0.60	1.2993	1.9691	19.1527	15.1656	1.2629	1.2206	8.3149

T= 11000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.4917	1.9352	21.3799	16.8357	1.2699	1.2154	8.2253
-0.20	1.6819	1.8919	24.4412	19.0771	1.2812	1.2088	8.1108
0.0	1.8693	1.8378	27.8866	21.5446	1.2944	1.2028	7.9739
0.20	2.0538	1.7733	31.0991	23.7589	1.3089	1.1981	7.8173
0.40	2.2356	1.7006	33.4000	25.2577	1.3224	1.1949	7.6454
0.60	2.4155	1.6236	34.3190	25.7761	1.3314	1.1935	7.4661
0.80	2.5945	1.5470	33.7511	25.2839	1.3349	1.1946	7.2910
1.00	2.7738	1.4752	31.9229	23.9704	1.3318	1.1981	7.1301
1.20	2.9548	1.4120	29.2484	22.1045	1.3232	1.2054	6.9969
1.40	3.1388	1.3608	26.1474	19.9537	1.3104	1.2177	6.9041
1.60	3.3272	1.3249	22.9774	17.7358	1.2955	1.2377	6.8679
1.80	3.5217	1.3083	19.9567	15.5923	1.2799	1.2684	6.9089
2.00	3.7245	1.3169	17.2136	13.6088	1.2649	1.3145	7.0564
2.20	3.9385	1.3599	14.8017	11.8282	1.2514	1.3810	7.3500
2.40	4.1670	1.4521	0.0	10.2634	0.0	0.0	0.0

T= 11100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7895	3.9957	0.0	7.7301	0.0	0.0	0.0
-6.80	-4.5897	3.9933	12.4881	8.3109	1.5026	0.0	0.0
-6.60	-4.3901	3.9896	13.5893	9.2279	1.4726	1.4636	13.0190
-6.40	-4.1908	3.9838	15.1736	10.6748	1.4214	1.4168	12.7996
-6.20	-3.9917	3.9749	17.7192	12.9034	1.3732	1.3638	12.5442
-6.00	-3.7933	3.9611	21.5182	16.2823	1.3216	1.3118	12.2813
-5.80	-3.5956	3.9401	27.3268	21.2696	1.2848	1.2648	12.0271
-5.60	-3.3990	3.9087	35.5357	28.3789	1.2522	1.2264	11.7960
-5.40	-3.2042	3.8628	46.9162	37.9677	1.2357	1.1974	11.5870
-5.20	-3.0115	3.7981	61.4635	49.9797	1.2298	1.1765	11.3890
-5.00	-2.8216	3.7112	78.4659	63.5801	1.2341	1.1621	11.1884
-4.80	-2.6347	3.6006	95.8528	77.0426	1.2442	1.1524	10.9744
-4.60	-2.4509	3.4684	110.9386	88.2867	1.2566	1.1459	10.7409
-4.40	-2.2699	3.3202	121.0679	95.4172	1.2688	1.1418	10.4901
-4.20	-2.0908	3.1640	124.7664	97.6678	1.2775	1.1394	10.2294
-4.00	-1.9128	3.0079	121.9533	95.3453	1.2791	1.1381	9.9682
-3.80	-1.7348	2.8592	114.2282	89.4813	1.2766	1.1378	9.7174
-3.60	-1.5561	2.7227	103.2957	81.3835	1.2692	1.1383	9.4846
-3.40	-1.3759	2.6011	90.9699	72.2453	1.2592	1.1396	9.2759
-3.20	-1.1939	2.4955	78.5758	62.9635	1.2480	1.1418	9.0945
-3.00	-1.0099	2.4054	66.9876	54.1701	1.2366	1.1447	8.9402
-2.80	-0.8238	2.3297	56.6996	46.1963	1.2274	1.1486	8.8132
-2.60	-0.6357	2.2667	47.8155	39.1849	1.2203	1.1534	8.7113
-2.40	-0.4457	2.2148	40.3429	33.1999	1.2152	1.1593	8.6331
-2.20	-0.2542	2.1721	34.1963	28.1569	1.2145	1.1664	8.5756
-2.00	-0.0613	2.1370	29.1779	24.0283	1.2143	1.1747	8.5362
-1.80	0.1328	2.1080	25.1775	20.6825	1.2173	1.1840	8.5116
-1.60	0.3277	2.0835	22.0761	18.0580	1.2225	1.1941	8.4979
-1.40	0.5233	2.0623	19.8093	16.0961	1.2307	1.2039	8.4892
-1.20	0.7191	2.0427	18.3050	14.7787	1.2386	1.2129	8.4805
-1.00	0.9149	2.0231	17.5795	14.1113	1.2458	1.2198	8.4638
-0.80	1.1103	2.0017	17.7355	14.1308	1.2551	1.2229	8.4293
-0.60	1.3047	1.9760	18.7776	14.8892	1.2612	1.2220	8.3718
-0.40	1.4976	1.9438	20.7920	16.3821	1.2692	1.2173	8.2874
-0.20	1.6882	1.9025	23.6552	18.4847	1.2797	1.2112	8.1785
0.0	1.8762	1.8507	27.0020	20.9119	1.2912	1.2052	8.0461

T= 11100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.0613	1.7882	30.3040	23.1944	1.3065	1.2001	7.8923
0.40	2.2437	1.7170	32.8165	24.8459	1.3208	1.1967	7.7230
0.60	2.4240	1.6408	34.0303	25.5665	1.3310	1.1952	7.5446
0.80	2.6032	1.5640	33.7616	25.2748	1.3358	1.1960	7.3685
1.00	2.7825	1.4913	32.1678	24.1204	1.3336	1.1995	7.2057
1.20	2.9633	1.4267	29.6504	22.3613	1.3260	1.2066	7.0690
1.40	3.1469	1.3739	26.6256	20.2697	1.3136	1.2188	6.9718
1.60	3.3348	1.3364	23.4626	18.0677	1.2986	1.2384	6.9310
1.80	3.5289	1.3181	20.4169	15.9122	1.2831	1.2691	6.9683
2.00	3.7312	1.3252	17.6304	13.9023	1.2682	1.3149	7.1118
2.20	3.9446	1.3668	15.1556	12.0862	1.2540	1.3812	7.4026
2.40	4.1726	1.4578	0.0	10.4849	0.0	0.0	0.0

T= 11200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7855	3.9963	0.0	7.6153	0.0	0.0	0.0
-6.80	-4.5857	3.9942	12.2738	8.0999	1.5153	1.5140	13.3084
-6.60	-4.3861	3.9909	13.1706	8.8800	1.4832	1.4789	13.1477
-6.40	-4.1866	3.9859	14.6071	10.1115	1.4446	1.4342	12.9394
-6.20	-3.9875	3.9781	16.7081	12.0183	1.3902	1.3831	12.6942
-6.00	-3.7888	3.9661	20.0467	14.9294	1.3428	1.3305	12.4317
-5.80	-3.5908	3.9476	25.0646	19.2694	1.3007	1.2818	12.1736
-5.60	-3.3939	3.9199	32.3000	25.5623	1.2636	1.2401	11.9317
-5.40	-3.1985	3.8790	42.4400	34.1698	1.2420	1.2078	11.7138
-5.20	-3.0050	3.8207	55.7973	45.2451	1.2332	1.1843	11.5118
-5.00	-2.8142	3.7411	71.8699	58.2562	1.2337	1.1678	11.3118
-4.80	-2.6263	3.6380	89.1026	71.7519	1.2418	1.1565	11.1008
-4.60	-2.4416	3.5122	105.0093	83.7295	1.2541	1.1491	10.8720
-4.40	-2.2598	3.3683	116.7095	92.1328	1.2668	1.1442	10.6244
-4.20	-2.0802	3.2138	122.3700	95.8789	1.2763	1.1412	10.3642
-4.00	-1.9019	3.0569	121.6601	94.9537	1.2813	1.1397	10.1012
-3.80	-1.7240	2.9052	115.3523	90.1617	1.2794	1.1390	9.8447
-3.60	-1.5456	2.7644	105.3914	82.7669	1.2734	1.1394	9.6045
-3.40	-1.3659	2.6380	93.5172	73.9935	1.2639	1.1403	9.3863
-3.20	-1.1845	2.5273	81.2831	64.8531	1.2533	1.1423	9.1952
-3.00	-1.0011	2.4324	69.5722	56.0071	1.2422	1.1448	9.0310
-2.80	-0.8157	2.3523	59.0091	47.8990	1.2319	1.1485	8.8952
-2.60	-0.6282	2.2855	49.8426	40.7161	1.2241	1.1531	8.7854
-2.40	-0.4388	2.2302	42.0546	34.5193	1.2183	1.1588	8.6999
-2.20	-0.2478	2.1847	35.5817	29.2846	1.2150	1.1655	8.6358
-2.00	-0.0553	2.1474	30.3057	24.9477	1.2148	1.1733	8.5902
-1.80	0.1384	2.1165	26.0701	21.4246	1.2168	1.1823	8.5609
-1.60	0.3331	2.0907	22.7652	18.6350	1.2216	1.1921	8.5437
-1.40	0.5285	2.0684	20.3113	16.5210	1.2294	1.2022	8.5340
-1.20	0.7242	2.0483	18.6208	15.0454	1.2376	1.2114	8.5249
-1.00	0.9200	2.0286	17.6937	14.2137	1.2448	1.2190	8.5101
-0.80	1.1155	2.0074	17.6202	14.0554	1.2536	1.2229	8.4792
-0.60	1.3101	1.9827	18.4300	14.6153	1.2610	1.2229	8.4269
-0.40	1.5033	1.9519	20.1727	15.9094	1.2680	1.2195	8.3495
-0.20	1.6944	1.9126	22.8114	17.8419	1.2785	1.2136	8.2450
0.0	1.8830	1.8629	26.0487	20.1667	1.2917	1.2075	8.1168
0.20	2.0687	1.8026	29.3182	22.4606	1.3053	1.2024	7.9676
0.40	2.2516	1.7331	31.9737	24.2301	1.3196	1.1988	7.8007
0.60	2.4323	1.6577	33.4278	25.1166	1.3309	1.1972	7.6238

T= 11200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.6117	1.5809	33.4590	25.0398	1.3362	1.1975	7.4463
1.00	2.7911	1.5075	32.1331	24.0455	1.3363	1.2009	7.2815
1.20	2.9717	1.4417	29.7872	22.4306	1.3280	1.2076	7.1407
1.40	3.1550	1.3873	26.8927	20.4141	1.3174	1.2196	7.0396
1.60	3.3425	1.3481	23.7849	18.2574	1.3027	1.2391	6.9943
1.80	3.5361	1.3282	20.7418	16.1206	1.2867	1.2694	7.0270
2.00	3.7379	1.3338	17.9304	14.1082	1.2709	1.3148	7.1666
2.20	3.9508	1.3740	15.4359	12.2785	1.2571	1.3806	7.4536
2.40	4.1782	1.4636	0.0	10.6589	0.0	0.0	0.0

T= 11300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7816	3.9968	0.0	7.4849	0.0	0.0	0.0
-6.80	-4.5818	3.9949	12.0404	7.8865	1.5267	1.5247	13.4158
-6.60	-4.3821	3.9921	12.7307	8.5459	1.4897	1.4931	13.2716
-6.40	-4.1826	3.9877	13.9611	9.5962	1.4549	1.4513	13.0773
-6.20	-3.9833	3.9809	15.8321	11.2345	1.4092	1.4026	12.8450
-6.00	-3.7845	3.9703	18.7175	13.7526	1.3610	1.3496	12.5831
-5.80	-3.5863	3.9541	22.9977	17.5328	1.3117	1.2988	12.3189
-5.60	-3.3890	3.9296	29.4310	23.0468	1.2770	1.2545	12.0693
-5.40	-3.1930	3.8933	38.4397	30.7825	1.2488	1.2189	11.8416
-5.20	-2.9989	3.8409	50.6053	40.9453	1.2359	1.1926	11.6341
-5.00	-2.8072	3.7682	65.6780	53.2544	1.2333	1.1738	11.4326
-4.80	-2.6184	3.6725	82.5554	66.5595	1.2403	1.1610	11.2244
-4.60	-2.4327	3.5534	98.9063	78.9708	1.2524	1.1525	11.0007
-4.40	-2.2500	3.4145	111.9993	88.5285	1.2651	1.1469	10.7572
-4.20	-2.0698	3.2624	119.5079	93.7150	1.2752	1.1434	10.4990
-4.00	-1.8912	3.1054	120.7505	94.1839	1.2821	1.1414	10.2341
-3.80	-1.7133	2.9515	116.0302	90.5368	1.2816	1.1405	9.9732
-3.60	-1.5351	2.8069	107.1600	83.9328	1.2767	1.1404	9.7258
-3.40	-1.3559	2.6757	95.9365	75.6263	1.2686	1.1412	9.4991
-3.20	-1.1751	2.5601	83.8184	66.6686	1.2572	1.1427	9.2978
-3.00	-0.9923	2.4604	72.0949	57.8281	1.2467	1.1450	9.1240
-2.80	-0.8075	2.3758	61.2985	49.6026	1.2358	1.1485	8.9792
-2.60	-0.6206	2.3050	51.8422	42.2497	1.2270	1.1529	8.8614
-2.40	-0.4318	2.2463	43.7519	35.8601	1.2201	1.1581	8.7678
-2.20	-0.2413	2.1979	37.0336	30.4072	1.2179	1.1646	8.6971
-2.00	-0.0492	2.1582	31.4837	25.8906	1.2160	1.1721	8.6456
-1.80	0.1441	2.1254	27.0187	22.1920	1.2175	1.1806	8.6110
-1.60	0.3385	2.0981	23.5060	19.2390	1.2218	1.1902	8.5900
-1.40	0.5336	2.0748	20.8372	16.9683	1.2280	1.2003	8.5786
-1.20	0.7293	2.0539	18.9607	15.3398	1.2361	1.2099	8.5694
-1.00	0.9250	2.0339	17.8705	14.3469	1.2456	1.2177	8.5548
-0.80	1.1205	2.0130	17.5619	14.0117	1.2534	1.2226	8.5280
-0.60	1.3153	1.9890	18.1407	14.3821	1.2613	1.2240	8.4817
-0.40	1.5088	1.9595	19.6368	15.4771	1.2688	1.2213	8.4092
-0.20	1.7004	1.9219	22.0275	17.2391	1.2778	1.2161	8.3105
0.0	1.8895	1.8744	25.0779	19.4528	1.2892	1.2100	8.1867
0.20	2.0758	1.8162	28.3226	21.7151	1.3043	1.2047	8.0409
0.40	2.2593	1.7484	31.0824	23.5779	1.3183	1.2010	7.8771
0.60	2.4404	1.6740	32.7955	24.6325	1.3314	1.1991	7.7016
0.80	2.6201	1.5974	33.0879	24.7321	1.3379	1.1992	7.5238
1.00	2.7995	1.5234	32.0125	23.9234	1.3381	1.2022	7.3564
1.20	2.9800	1.4565	29.8786	22.4299	1.3321	1.2087	7.2124

T= 11300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	3.1630	1.4006	27.0941	20.5116	1.3209	1.2204	7.1071
1.60	3.3501	1.3598	24.0520	18.4093	1.3065	1.2398	7.0580
1.80	3.5432	1.3383	21.0341	16.2958	1.2908	1.2698	7.0864
2.00	3.7446	1.3424	18.2111	14.2873	1.2746	1.3148	7.2218
2.20	3.9569	1.3812	15.6834	12.4526	1.2595	1.3801	7.5051
2.40	4.1839	1.4696	0.0	10.8175	0.0	0.0	0.0

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7777	3.9972	0.0	7.4075	0.0	0.0	0.0
-6.80	-4.5779	3.9955	11.8699	7.7367	1.5342	1.5315	13.5063
-6.60	-4.3782	3.9930	12.4920	8.2960	1.5058	1.5039	13.3797
-6.40	-4.1786	3.9892	13.4824	9.1927	1.4666	1.4660	13.2039
-6.20	-3.9793	3.9832	15.1081	10.5994	1.4254	1.4196	12.9835
-6.00	-3.7803	3.9740	17.5976	12.7725	1.3778	1.3681	12.7309
-5.80	-3.5818	3.9597	21.3148	16.0733	1.3261	1.3158	12.4626
-5.60	-3.3842	3.9381	26.9596	20.8981	1.2901	1.2695	12.2079
-5.40	-3.1878	3.9058	34.9342	27.8089	1.2562	1.2310	11.9719
-5.20	-2.9930	3.8587	45.9669	37.0635	1.2402	1.2016	11.7567
-5.00	-2.8005	3.7927	60.0583	48.5811	1.2362	1.1804	11.5525
-4.80	-2.6108	3.7041	76.2742	61.5761	1.2387	1.1658	11.3462
-4.60	-2.4241	3.5920	92.7381	74.2705	1.2487	1.1559	11.1257
-4.40	-2.2406	3.4587	106.9361	84.7118	1.2624	1.1496	10.8871
-4.20	-2.0597	3.3098	116.2196	91.2048	1.2743	1.1455	10.6313
-4.00	-1.8807	3.1534	119.2104	93.0811	1.2807	1.1429	10.3655
-3.80	-1.7027	2.9978	116.3770	90.6351	1.2840	1.1418	10.1013
-3.60	-1.5247	2.8498	108.6897	84.9032	1.2802	1.1414	9.8473
-3.40	-1.3458	2.7143	98.1450	77.1258	1.2725	1.1420	9.6128
-3.20	-1.1655	2.5939	86.3743	68.4178	1.2625	1.1434	9.4027
-3.00	-0.9834	2.4893	74.6173	59.6403	1.2511	1.1456	9.2201
-2.80	-0.7992	2.4002	63.6622	51.3203	1.2405	1.1486	9.0655
-2.60	-0.6130	2.3254	53.9166	43.8055	1.2308	1.1526	8.9385
-2.40	-0.4248	2.2631	45.5630	37.2227	1.2241	1.1575	8.8372
-2.20	-0.2347	2.2118	38.5172	31.5956	1.2191	1.1636	8.7593
-2.00	-0.0431	2.1695	32.7344	26.8773	1.2179	1.1710	8.7026
-1.80	0.1498	2.1348	28.0373	23.0020	1.2189	1.1793	8.6631
-1.60	0.3439	2.1058	24.3013	19.8905	1.2218	1.1885	8.6378
-1.40	0.5388	2.0813	21.4405	17.4678	1.2274	1.1983	8.6226
-1.20	0.7343	2.0597	19.3768	15.6990	1.2343	1.2081	8.6127
-1.00	0.9300	2.0393	18.1082	14.5631	1.2434	1.2163	8.5992
-0.80	1.1255	2.0185	17.6226	14.0822	1.2514	1.2223	8.5762
-0.60	1.3205	1.9951	17.9953	14.2978	1.2586	1.2243	8.5331
-0.40	1.5142	1.9667	19.3106	15.2396	1.2671	1.2224	8.4658
-0.20	1.7063	1.9309	21.5036	16.8676	1.2748	1.2176	8.3719
0.0	1.8959	1.8854	24.4612	19.0052	1.2871	1.2118	8.2529
0.20	2.0828	1.8294	27.6913	21.2921	1.3005	1.2063	8.1109
0.40	2.2668	1.7633	30.6147	23.2615	1.3161	1.2023	7.9499
0.60	2.4484	1.6901	32.5563	24.5008	1.3288	1.2001	7.7761
0.80	2.6284	1.6138	33.1354	24.7860	1.3369	1.2001	7.5986
1.00	2.8078	1.5394	32.3182	24.1441	1.3386	1.2028	7.4296
1.20	2.9882	1.4714	30.3574	22.7656	1.3335	1.2092	7.2828
1.40	3.1710	1.4142	27.6684	20.9104	1.3232	1.2207	7.1736
1.60	3.3578	1.3718	24.6463	18.8231	1.3094	1.2397	7.1200
1.80	3.5504	1.3487	21.5956	16.6981	1.2933	1.2695	7.1443

T= 11400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.7512	1.3512	18.7170	14.6566	1.2770	1.3142	7.2757
2.20	3.9631	1.3887	16.1151	12.7752	1.2614	1.3790	7.5557
2.40	4.1895	1.4757	0.0	11.0961	0.0	0.0	0.0

T= 11500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7739	3.9975	0.0	7.3499	0.0	0.0	0.0
-6.80	-4.5741	3.9961	11.7594	7.6142	1.5444	1.5384	13.5966
-6.60	-4.3743	3.9939	12.2812	8.0828	1.5194	1.5146	13.4873
-6.40	-4.1747	3.9905	13.1406	8.8463	1.4854	1.4807	13.3301
-6.20	-3.9752	3.9852	14.5181	10.0550	1.4439	1.4364	13.1203
-6.00	-3.7761	3.9771	16.6089	11.9340	1.3917	1.3860	12.8750
-5.80	-3.5775	3.9646	19.9083	14.7917	1.3459	1.3338	12.6104
-5.60	-3.3796	3.9455	24.8173	19.0559	1.3023	1.2851	12.3480
-5.40	-3.1828	3.9167	32.0142	25.1887	1.2710	1.2438	12.1039
-5.20	-2.9875	3.8745	41.8634	33.5613	1.2474	1.2113	11.8803
-5.00	-2.7942	3.8146	54.7447	44.2736	1.2365	1.1878	11.6731
-4.80	-2.6036	3.7331	70.2646	56.7197	1.2388	1.1713	11.4669
-4.60	-2.4160	3.6280	86.6883	69.5258	1.2469	1.1600	11.2498
-4.40	-2.2316	3.5006	101.5804	80.6557	1.2594	1.1526	11.0153
-4.20	-2.0499	3.3557	112.3747	88.3284	1.2722	1.1477	10.7620
-4.00	-1.8705	3.2007	117.2982	91.5378	1.2814	1.1448	10.4973
-3.80	-1.6922	3.0441	116.0931	90.3237	1.2853	1.1431	10.2294
-3.60	-1.5143	2.8932	109.7398	85.5508	1.2827	1.1426	9.9708
-3.40	-1.3358	2.7536	100.0438	78.3894	1.2762	1.1428	9.7281
-3.20	-1.1560	2.6285	88.7166	70.0002	1.2674	1.1440	9.5092
-3.00	-0.9744	2.5192	77.0255	61.3208	1.2561	1.1459	9.3174
-2.80	-0.7909	2.4255	65.9644	52.9827	1.2450	1.1488	9.1540
-2.60	-0.6053	2.3466	55.9809	45.3449	1.2346	1.1524	9.0179
-2.40	-0.4176	2.2807	47.3444	38.5708	1.2275	1.1570	8.9083
-2.20	-0.2281	2.2262	40.0328	32.7644	1.2218	1.1629	8.8234
-2.00	-0.0370	2.1814	33.9614	27.8652	1.2188	1.1699	8.7606
-1.80	0.1556	2.1445	29.0311	23.8128	1.2191	1.1781	8.7163
-1.60	0.3494	2.1139	25.0958	20.5398	1.2218	1.1870	8.6868
-1.40	0.5440	2.0881	22.0387	17.9691	1.2265	1.1965	8.6678
-1.20	0.7393	2.0656	19.8098	16.0529	1.2340	1.2063	8.6565
-1.00	0.9349	2.0448	18.3398	14.7649	1.2421	1.2153	8.6447
-0.80	1.1305	2.0239	17.6717	14.1259	1.2510	1.2219	8.6238
-0.60	1.3255	2.0010	17.8330	14.1622	1.2592	1.2246	8.5843
-0.40	1.5196	1.9737	18.8841	14.9138	1.2662	1.2236	8.5221
-0.20	1.7120	1.9394	20.8530	16.3575	1.2748	1.2198	8.4346
0.0	1.9021	1.8959	23.5947	18.3514	1.2857	1.2141	8.3199
0.20	2.0896	1.8420	26.7591	20.5788	1.3003	1.2087	8.1823
0.40	2.2742	1.7778	29.7024	22.5842	1.3152	1.2043	8.0242
0.60	2.4562	1.7059	31.8117	23.9608	1.3277	1.2020	7.8525
0.80	2.6365	1.6301	32.6423	24.4042	1.3376	1.2017	7.6754
1.00	2.8161	1.5554	32.0809	23.9440	1.3398	1.2042	7.5051
1.20	2.9965	1.4865	30.3492	22.7095	1.3364	1.2104	7.3557
1.40	3.1790	1.4279	27.8142	20.9657	1.3267	1.2217	7.2431
1.60	3.3654	1.3840	24.8681	18.9441	1.3127	1.2404	7.1850
1.80	3.5576	1.3593	21.8558	16.8533	1.2968	1.2696	7.2042
2.00	3.7579	1.3603	18.9797	14.8215	1.2805	1.3139	7.3315
2.20	3.9693	1.3963	16.3683	12.9412	1.2648	1.3787	7.6087
2.40	4.1952	1.4820	0.0	11.2529	0.0	0.0	0.0

T= 11600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7701	3.9979	0.0	7.3186	0.0	0.0	0.0
-6.80	-4.5703	3.9966	11.6080	7.5228	1.5431	1.5443	13.6826
-6.60	-4.3705	3.9946	12.0940	7.9107	1.5288	1.5237	13.5880
-6.40	-4.1708	3.9916	12.8084	8.5601	1.4963	1.4931	13.4459
-6.20	-3.9713	3.9870	13.9929	9.5980	1.4579	1.4530	13.2562
-6.00	-3.7721	3.9798	15.8236	11.2180	1.4106	1.4038	13.0180
-5.80	-3.5733	3.9688	18.6995	13.7089	1.3640	1.3517	12.7567
-5.60	-3.3751	3.9518	22.9240	17.4343	1.3149	1.3012	12.4891
-5.40	-3.1780	3.9263	29.3024	22.8648	1.2815	1.2574	12.2373
-5.20	-2.9822	3.8885	38.1223	30.4361	1.2525	1.2222	12.0069
-5.00	-2.7883	3.8343	50.0092	40.3018	1.2409	1.1957	11.7928
-4.80	-2.5968	3.7595	64.5882	52.1215	1.2392	1.1770	11.5857
-4.60	-2.4083	3.6614	80.7449	64.8141	1.2458	1.1644	11.3719
-4.40	-2.2229	3.5402	96.1073	76.4311	1.2574	1.1559	11.1413
-4.20	-2.0405	3.3998	108.1627	85.1569	1.2702	1.1503	10.8917
-4.00	-1.8605	3.2470	114.8135	89.6555	1.2806	1.1468	10.6278
-3.80	-1.6820	3.0900	115.2747	89.7022	1.2851	1.1447	10.3583
-3.60	-1.5041	2.9369	110.4569	85.9355	1.2853	1.1438	10.0946
-3.40	-1.3258	2.7935	101.7295	79.4712	1.2801	1.1439	9.8456
-3.20	-1.1464	2.6639	90.8490	71.4830	1.2709	1.1447	9.6178
-3.00	-0.9654	2.5499	79.3588	62.9626	1.2604	1.1464	9.4167
-2.80	-0.7825	2.4517	68.2137	54.5934	1.2495	1.1489	9.2437
-2.60	-0.5975	2.3685	58.0448	46.8584	1.2387	1.1524	9.0994
-2.40	-0.4104	2.2990	49.1395	39.9500	1.2300	1.1568	8.9817
-2.20	-0.2214	2.2413	41.5624	33.9555	1.2240	1.1623	8.8896
-2.00	-0.0307	2.1938	35.2567	28.8683	1.2213	1.1689	8.8197
-1.80	0.1614	2.1547	30.0784	24.6534	1.2201	1.1766	8.7695
-1.60	0.3549	2.1223	25.9490	21.2183	1.2230	1.1854	8.7357
-1.40	0.5493	2.0951	22.7012	18.4949	1.2274	1.1950	8.7149
-1.20	0.7444	2.0717	20.2620	16.4336	1.2330	1.2048	8.7014
-1.00	0.9399	2.0503	18.6238	15.0039	1.2413	1.2138	8.6886
-0.80	1.1354	2.0293	17.7699	14.2093	1.2506	1.2210	8.6694
-0.60	1.3305	2.0067	17.7213	14.0791	1.2587	1.2249	8.6350
-0.40	1.5248	1.9803	18.5343	14.6522	1.2649	1.2250	8.5782
-0.20	1.7175	1.9474	20.2992	15.9202	1.2751	1.2216	8.4950
0.0	1.9081	1.9058	22.8462	17.7793	1.2850	1.2165	8.3859
0.20	2.0961	1.8539	25.8862	19.9369	1.2984	1.2110	8.2523
0.40	2.2813	1.7916	28.8676	21.9685	1.3140	1.2065	8.0976
0.60	2.4638	1.7210	31.1197	23.4506	1.3270	1.2038	7.9276
0.80	2.6445	1.6459	32.1967	24.0816	1.3370	1.2034	7.7513
1.00	2.8242	1.5710	31.8967	23.7816	1.3412	1.2057	7.5801
1.20	3.0045	1.5013	30.3697	22.6913	1.3384	1.2116	7.4282
1.40	3.1869	1.4415	27.9765	21.0380	1.3298	1.2227	7.3119
1.60	3.3730	1.3961	25.1393	19.0877	1.3170	1.2412	7.2502
1.80	3.5648	1.3700	22.1494	17.0282	1.3007	1.2703	7.2655
2.00	3.7646	1.3695	19.2662	15.0139	1.2832	1.3140	7.3880
2.20	3.9754	1.4041	16.6325	13.1247	1.2673	1.3781	7.6612
2.40	4.2008	1.4884	0.0	11.4226	0.0	0.0	0.0

T= 11700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7663	3.9982	0.0	7.3046	0.0	0.0	0.0
-6.80	-4.5665	3.9970	11.5330	7.4525	1.5475	1.5485	13.7611
-6.60	-4.3667	3.9952	11.9280	7.7715	1.5348	1.5312	13.6811

T= 11700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.40	-4.1670	3.9926	12.5433	8.3190	1.5078	1.5037	13.5531
-6.20	-3.9674	3.9885	13.5461	9.2109	1.4707	1.4667	13.3783
-6.00	-3.7681	3.9822	15.1788	10.6115	1.4304	1.4206	13.1558
-5.80	-3.5692	3.9724	17.6536	12.7767	1.3817	1.3694	12.9007
-5.60	-3.3708	3.9574	21.3882	16.0431	1.3332	1.3180	12.6324
-5.40	-3.1733	3.9347	26.9207	20.8408	1.2917	1.2715	12.3722
-5.20	-2.9770	3.9009	34.9490	27.6491	1.2640	1.2337	12.1340
-5.00	-2.7825	3.8518	45.7356	36.7140	1.2457	1.2045	11.9141
-4.80	-2.5903	3.7834	59.3367	47.8696	1.2395	1.1836	11.7050
-4.60	-2.4009	3.6922	74.9939	60.1994	1.2458	1.1692	11.4925
-4.40	-2.2146	3.5775	90.5746	72.1924	1.2546	1.1594	11.2654
-4.20	-2.0314	3.4422	103.6596	81.7349	1.2682	1.1531	11.0199
-4.00	-1.8507	3.2921	111.8310	87.4583	1.2787	1.1489	10.7572
-3.80	-1.6719	3.1356	114.1517	88.7548	1.2861	1.1464	10.4873
-3.60	-1.4939	2.9806	110.7741	86.0284	1.2876	1.1452	10.2193
-3.40	-1.3158	2.8340	103.0870	80.3317	1.2833	1.1450	9.9638
-3.20	-1.1368	2.7001	92.8464	72.8094	1.2752	1.1455	9.7279
-3.00	-0.9563	2.5815	81.5627	64.4888	1.2648	1.1470	9.5179
-2.80	-0.7740	2.4787	70.4210	56.1700	1.2537	1.1493	9.3358
-2.60	-0.5896	2.3913	60.1391	48.3555	1.2437	1.1525	9.1826
-2.40	-0.4031	2.3180	50.9887	41.3062	1.2344	1.1568	9.0574
-2.20	-0.2147	2.2570	43.1199	35.1406	1.2271	1.1619	8.9575
-2.00	-0.0245	2.2067	36.5677	29.8979	1.2231	1.1682	8.8809
-1.80	0.1673	2.1653	31.1600	25.5056	1.2217	1.1757	8.8252
-1.60	0.3604	2.1311	26.8040	21.9132	1.2232	1.1841	8.7868
-1.40	0.5545	2.1024	23.3782	19.0480	1.2273	1.1935	8.7620
-1.20	0.7494	2.0779	20.7703	16.8500	1.2327	1.2033	8.7463
-1.00	0.9448	2.0559	18.9425	15.2848	1.2393	1.2124	8.7328
-0.80	1.1403	2.0347	17.9064	14.3472	1.2481	1.2199	8.7145
-0.60	1.3355	2.0124	17.6687	14.0676	1.2560	1.2248	8.6840
-0.40	1.5299	1.9866	18.3233	14.4826	1.2652	1.2259	8.6320
-0.20	1.7229	1.9551	19.8577	15.5928	1.2735	1.2230	8.5532
0.0	1.9140	1.9152	22.2288	17.3176	1.2836	1.2184	8.4494
0.20	2.1025	1.8653	25.1724	19.4138	1.2966	1.2129	8.3199
0.40	2.2882	1.8050	28.1515	21.4698	1.3112	1.2085	8.1692
0.60	2.4713	1.7359	30.5733	23.0677	1.3254	1.2055	8.0016
0.80	2.6523	1.6615	31.8719	23.8478	1.3365	1.2047	7.8255
1.00	2.8323	1.5867	31.8040	23.7134	1.3412	1.2069	7.6542
1.20	3.0126	1.5163	30.5058	22.7634	1.3401	1.2125	7.5000
1.40	3.1947	1.4553	28.2681	21.2167	1.3324	1.2234	7.3805
1.60	3.3805	1.4085	25.4859	19.3176	1.3193	1.2415	7.3145
1.80	3.5719	1.3808	22.5296	17.2807	1.3037	1.2703	7.3257
2.00	3.7713	1.3788	19.6360	15.2647	1.2864	1.3139	7.4449
2.20	3.9816	1.4120	16.9680	13.3612	1.2699	1.3773	7.7137
2.40	4.2064	1.4950	0.0	11.6370	0.0	0.0	0.0

T= 11800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7626	3.9985	0.0	7.3116	0.0	0.0	0.0
-6.80	-4.5627	3.9974	11.4813	7.4077	1.5499	1.5508	13.8306
-6.60	-4.3629	3.9958	11.7716	7.6555	1.5377	1.5374	13.7679
-6.40	-4.1632	3.9934	12.2850	8.1176	1.5134	1.5136	13.6568
-6.20	-3.9636	3.9898	13.1715	8.8774	1.4837	1.4794	13.4955
-6.00	-3.7642	3.9842	14.5520	10.0928	1.4418	1.4362	13.2879

T= 11800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.80	-3.5651	3.9756	16.6791	11.9720	1.3932	1.3868	13.0433
-5.60	-3.3666	3.9623	19.9963	14.8373	1.3477	1.3346	12.7739
-5.40	-3.1688	3.9420	24.8820	19.0864	1.3036	1.2867	12.5106
-5.20	-2.9721	3.9118	32.0278	25.1624	1.2728	1.2458	12.2625
-5.00	-2.7771	3.8675	41.8293	33.4161	1.2518	1.2141	12.0370
-4.80	-2.5842	3.8050	54.5142	43.8446	1.2433	1.1909	11.8246
-4.60	-2.3939	3.7205	69.3997	55.8127	1.2434	1.1743	11.6110
-4.40	-2.2067	3.6124	85.0506	67.8374	1.2537	1.1634	11.3877
-4.20	-2.0226	3.4825	98.9017	78.1179	1.2661	1.1559	11.1453
-4.00	-1.8413	3.3359	108.5400	84.9232	1.2781	1.1513	10.8862
-3.80	-1.6620	3.1804	112.4618	87.4219	1.2864	1.1483	10.6157
-3.60	-1.4839	3.0243	110.6237	85.8112	1.2892	1.1467	10.3445
-3.40	-1.3059	2.8747	104.1018	80.9407	1.2861	1.1461	10.0827
-3.20	-1.1273	2.7369	94.5930	73.9484	1.2792	1.1464	9.8396
-3.00	-0.9472	2.6138	83.6788	65.9135	1.2695	1.1476	9.6208
-2.80	-0.7654	2.5066	72.5773	57.6819	1.2582	1.1497	9.4299
-2.60	-0.5816	2.4149	62.1335	49.8153	1.2473	1.1526	9.2677
-2.40	-0.3957	2.3377	52.8135	42.6522	1.2382	1.1566	9.1342
-2.20	-0.2078	2.2733	44.7001	36.3380	1.2301	1.1615	9.0266
-2.00	-0.0181	2.2201	37.8764	30.9186	1.2250	1.1675	8.9434
-1.80	0.1732	2.1763	32.2603	26.3681	1.2235	1.1746	8.8815
-1.60	0.3659	2.1401	27.6836	22.6230	1.2237	1.1828	8.8381
-1.40	0.5598	2.1100	24.0571	19.6135	1.2266	1.1919	8.8093
-1.20	0.7545	2.0844	21.2931	17.2778	1.2324	1.2014	8.7902
-1.00	0.9497	2.0616	19.3123	15.5791	1.2396	1.2110	8.7770
-0.80	1.1451	2.0401	18.0887	14.5066	1.2469	1.2189	8.7597
-0.60	1.3404	2.0178	17.6753	14.0812	1.2552	1.2245	8.7319
-0.40	1.5349	1.9928	18.1358	14.3397	1.2647	1.2262	8.6833
-0.20	1.7283	1.9623	19.4578	15.3013	1.2716	1.2243	8.6102
0.0	1.9197	1.9241	21.6613	16.8937	1.2822	1.2202	8.5116
0.20	2.1087	1.8761	24.4649	18.9113	1.2937	1.2148	8.3861
0.40	2.2950	1.8178	27.4915	20.9875	1.3099	1.2103	8.2392
0.60	2.4786	1.7502	30.0216	22.6693	1.3243	1.2073	8.0750
0.80	2.6600	1.6768	31.5388	23.6093	1.3359	1.2064	7.9007
1.00	2.8402	1.6021	31.7228	23.6416	1.3418	1.2082	7.7282
1.20	3.0205	1.5312	30.6319	22.8384	1.3412	1.2139	7.5732
1.40	3.2025	1.4692	28.5594	21.3931	1.3350	1.2247	7.4511
1.60	3.3881	1.4210	25.8628	19.5563	1.3225	1.2427	7.3816
1.80	3.5791	1.3918	22.9318	17.5497	1.3067	1.2711	7.3885
2.00	3.7780	1.3883	20.0256	15.5320	1.2893	1.3146	7.5046
2.20	3.9878	1.4201	17.3149	13.6140	1.2718	1.3778	7.7700
2.40	4.2121	1.5017	0.0	11.8657	0.0	0.0	0.0

T= 11900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7589	3.9987	0.0	7.3528	0.0	0.0	0.0
-6.80	-4.5590	3.9977	11.4847	7.3876	1.5546	1.5506	13.8888
-6.60	-4.3592	3.9963	11.6706	7.5779	1.5401	1.5404	13.8404
-6.40	-4.1594	3.9942	12.1218	7.9596	1.5229	1.5205	13.7471
-6.20	-3.9598	3.9909	12.8750	8.6105	1.4953	1.4910	13.6079
-6.00	-3.7603	3.9860	14.0463	9.6564	1.4546	1.4501	13.4116
-5.80	-3.5611	3.9783	15.9449	11.2966	1.4115	1.4024	13.1761
-5.60	-3.3624	3.9665	18.8172	13.8062	1.3630	1.3509	12.9129
-5.40	-3.1644	3.9485	23.1135	17.5747	1.3152	1.3016	12.6461

T= 11900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-2.9674	3.9214	29.4437	23.0050	1.2799	1.2585	12.3922
-5.00	-2.7719	3.8814	38.3810	30.5040	1.2582	1.2238	12.1580
-4.80	-2.5783	3.8245	50.1002	40.1910	1.2466	1.1981	11.9408
-4.60	-2.3872	3.7464	64.2849	51.6672	1.2442	1.1799	11.7284
-4.40	-2.1991	3.6450	79.7769	63.6733	1.2529	1.1673	11.5067
-4.20	-2.0142	3.5209	94.0907	74.4605	1.2636	1.1588	11.2679
-4.00	-1.8321	3.3783	104.9924	82.2668	1.2762	1.1534	11.0116
-3.80	-1.6524	3.2245	110.4481	85.9605	1.2849	1.1501	10.7427
-3.60	-1.4740	3.0678	110.2246	85.4550	1.2899	1.1482	10.4694
-3.40	-1.2961	2.9158	104.9912	81.4487	1.2890	1.1472	10.2023
-3.20	-1.1177	2.7743	96.2426	75.0433	1.2825	1.1474	9.9528
-3.00	-0.9381	2.6469	85.7425	67.3270	1.2735	1.1483	9.7255
-2.80	-0.7568	2.5352	74.7752	59.2070	1.2629	1.1502	9.5260
-2.60	-0.5736	2.4392	64.2131	51.3237	1.2511	1.1529	9.3548
-2.40	-0.3883	2.3581	54.6574	44.0450	1.2409	1.1565	9.2120
-2.20	-0.2010	2.2903	46.3263	37.5869	1.2325	1.1610	9.0965
-2.00	-0.0117	2.2341	39.2798	31.9973	1.2276	1.1668	9.0066
-1.80	0.1792	2.1878	33.4123	27.2785	1.2249	1.1735	8.9384
-1.60	0.3715	2.1496	28.6192	23.3748	1.2244	1.1815	8.8901
-1.40	0.5650	2.1179	24.7966	20.2177	1.2265	1.1904	8.8575
-1.20	0.7595	2.0910	21.8570	17.7405	1.2320	1.1998	8.8358
-1.00	0.9546	2.0674	19.7179	15.9080	1.2395	1.2094	8.8207
-0.80	1.1499	2.0455	18.3169	14.6941	1.2465	1.2178	8.8043
-0.60	1.3452	2.0233	17.7233	14.1210	1.2551	1.2240	8.7786
-0.40	1.5399	1.9987	17.9547	14.2161	1.2630	1.2267	8.7347
-0.20	1.7335	1.9694	19.0909	15.0035	1.2724	1.2258	8.6673
0.0	1.9253	1.9327	21.0694	16.4458	1.2811	1.2218	8.5722
0.20	2.1148	1.8866	23.7318	18.3400	1.2940	1.2170	8.4527
0.40	2.3016	1.8301	26.6557	20.3887	1.3074	1.2124	8.3095
0.60	2.4857	1.7642	29.2752	22.1278	1.3230	1.2091	8.1474
0.80	2.6675	1.6918	30.9595	23.1801	1.3356	1.2081	7.9753
1.00	2.8480	1.6174	31.3844	23.3844	1.3421	1.2098	7.8033
1.20	3.0284	1.5461	30.5182	22.7197	1.3432	1.2153	7.6464
1.40	3.2103	1.4831	28.6156	21.3949	1.3375	1.2257	7.5213
1.60	3.3956	1.4336	26.0382	19.6366	1.3260	1.2436	7.4484
1.80	3.5862	1.4030	23.1656	17.6873	1.3097	1.2717	7.4512
2.00	3.7847	1.3981	20.2846	15.6932	1.2926	1.3147	7.5627
2.20	3.9940	1.4284	17.5715	13.7792	1.2752	1.3774	7.8246
2.40	4.2177	1.5087	0.0	12.0274	0.0	0.0	0.0

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7553	3.9990	0.0	7.4164	0.0	0.0	0.0
-6.80	-4.5554	3.9980	11.5008	7.3914	1.5560	1.5505	13.9471
-6.60	-4.3555	3.9967	11.6004	7.5205	1.5425	1.5436	13.9136
-6.40	-4.1557	3.9948	11.9957	7.8295	1.5321	1.5282	13.8410
-6.20	-3.9560	3.9919	12.5531	8.3815	1.4977	1.5010	13.7122
-6.00	-3.7565	3.9875	13.6278	9.2841	1.4679	1.4638	13.5339
-5.80	-3.5573	3.9807	15.2411	10.7097	1.4231	1.4180	13.3089
-5.60	-3.3584	3.9702	17.7801	12.9067	1.3776	1.3680	13.0548
-5.40	-3.1602	3.9541	21.6147	16.2195	1.3326	1.3169	12.7828
-5.20	-2.9628	3.9298	27.2387	21.0569	1.2936	1.2717	12.5227
-5.00	-2.7668	3.8939	35.2418	27.8524	1.2653	1.2344	12.2813
-4.80	-2.5727	3.8420	46.0012	36.8103	1.2497	1.2062	12.0590

T= 12000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.3809	3.7701	59.4534	47.6833	1.2468	1.1860	11.8452
-4.40	-2.1919	3.6753	74.3965	59.5021	1.2503	1.1717	11.6247
-4.20	-2.0061	3.5572	89.1156	70.6331	1.2617	1.1623	11.3904
-4.00	-1.8233	3.4191	100.9528	79.2502	1.2738	1.1560	11.1368
-3.80	-1.6430	3.2676	107.9798	84.0589	1.2846	1.1520	10.8686
-3.60	-1.4643	3.1110	109.2759	84.6782	1.2905	1.1498	10.5944
-3.40	-1.2864	2.9570	105.3471	81.6039	1.2910	1.1487	10.3240
-3.20	-1.1082	2.8122	97.5277	75.8419	1.2859	1.1485	10.0674
-3.00	-0.9290	2.6807	87.4935	68.5181	1.2769	1.1491	9.8319
-2.80	-0.7482	2.5646	76.7236	60.5696	1.2667	1.1508	9.6234
-2.60	-0.5655	2.4644	66.1847	52.7030	1.2558	1.1533	9.4437
-2.40	-0.3808	2.3792	56.4695	45.3491	1.2452	1.1566	9.2924
-2.20	-0.1940	2.3079	47.9441	38.7708	1.2366	1.1609	9.1692
-2.00	-0.0053	2.2487	40.6281	33.0371	1.2298	1.1663	9.0719
-1.80	0.1852	2.1998	34.5440	28.1665	1.2264	1.1729	8.9980
-1.60	0.3771	2.1595	29.5483	24.1115	1.2255	1.1804	8.9437
-1.40	0.5703	2.1260	25.5397	20.8115	1.2272	1.1892	8.9071
-1.20	0.7646	2.0979	22.4230	18.2049	1.2317	1.1985	8.8826
-1.00	0.9595	2.0734	20.0978	16.2361	1.2378	1.2079	8.8650
-0.80	1.1547	2.0509	18.5579	14.8949	1.2459	1.2166	8.8488
-0.60	1.3500	2.0286	17.7748	14.1752	1.2539	1.2232	8.8241
-0.40	1.5448	2.0045	17.8069	14.1169	1.2614	1.2269	8.7846
-0.20	1.7386	1.9760	18.7362	14.7408	1.2710	1.2270	8.7224
0.0	1.9307	1.9407	20.5202	16.0245	1.2806	1.2236	8.6322
0.20	2.1207	1.8964	23.0479	17.8117	1.2940	1.2191	8.5174
0.40	2.3080	1.8418	25.8749	19.8137	1.3059	1.2146	8.3784
0.60	2.4926	1.7776	28.5607	21.5967	1.3225	1.2112	8.2195
0.80	2.6748	1.7063	30.3939	22.7889	1.3337	1.2099	8.0487
1.00	2.8556	1.6323	31.0298	23.1067	1.3429	1.2115	7.8775
1.20	3.0361	1.5607	30.4003	22.5855	1.3460	1.2165	7.7185
1.40	3.2180	1.4969	28.6638	21.3881	1.3402	1.2267	7.5908
1.60	3.4030	1.4461	26.2224	19.7274	1.3292	1.2442	7.5141
1.80	3.5933	1.4142	23.4044	17.8074	1.3143	1.2721	7.5134
2.00	3.7913	1.4078	20.5309	15.8383	1.2963	1.3147	7.6209
2.20	4.0001	1.4367	17.8157	13.9387	1.2781	1.3774	7.8801
2.40	4.2234	1.5156	0.0	12.1831	0.0	0.0	0.0

T= 12100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7516	3.9993	0.0	7.5071	0.0	0.0	0.0
-6.80	-4.5517	3.9984	11.4701	7.4169	1.5465	1.5490	13.9990
-6.60	-4.3519	3.9971	11.6080	7.4836	1.5511	1.5459	13.9828
-6.40	-4.1520	3.9954	11.8404	7.7275	1.5322	1.5334	13.9231
-6.20	-3.9523	3.9928	12.4005	8.1858	1.5149	1.5097	13.8104
-6.00	-3.7528	3.9889	13.2677	8.9670	1.4796	1.4772	13.6542
-5.80	-3.5534	3.9828	14.6470	10.2052	1.4352	1.4340	13.4431
-5.60	-3.3544	3.9734	16.8725	12.1263	1.3914	1.3839	13.1904
-5.40	-3.1560	3.9591	20.2818	15.0513	1.3475	1.3331	12.9226
-5.20	-2.9584	3.9373	25.2480	19.3540	1.3045	1.2859	12.6569
-5.00	-2.7620	3.9049	32.4752	25.4844	1.2743	1.2460	12.4078
-4.80	-2.5673	3.8578	42.2995	33.6985	1.2552	1.2151	12.1786
-4.60	-2.3748	3.7917	54.7694	43.9336	1.2466	1.1924	11.9609
-4.40	-2.1850	3.7032	69.3569	55.4518	1.2508	1.1767	11.7422
-4.20	-1.9984	3.5913	84.1035	66.7785	1.2594	1.1661	11.5111

T= 12100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-1.8148	3.4582	96.8535	76.1055	1.2726	1.1589	11.2610
-3.80	-1.6338	3.3096	105.1545	81.9205	1.2836	1.1542	10.9941
-3.60	-1.4548	3.1536	107.9632	83.6289	1.2910	1.1513	10.7183
-3.40	-1.2767	2.9982	105.3804	81.5257	1.2926	1.1500	10.4449
-3.20	-1.0987	2.8505	98.5984	76.4727	1.2893	1.1496	10.1825
-3.00	-0.9198	2.7151	89.1630	69.5895	1.2813	1.1500	9.9398
-2.80	-0.7395	2.5947	78.6230	61.8696	1.2708	1.1513	9.7224
-2.60	-0.5574	2.4902	68.0941	54.0573	1.2597	1.1536	9.5339
-2.40	-0.3732	2.4011	58.3049	46.6633	1.2495	1.1567	9.3745
-2.20	-0.1870	2.3261	49.5910	39.9537	1.2412	1.1608	9.2433
-2.00	0.0012	2.2638	42.0346	34.0913	1.2330	1.1660	9.1391
-1.80	0.1912	2.2122	35.7079	29.0712	1.2283	1.1723	9.0587
-1.60	0.3828	2.1697	30.5163	24.8719	1.2269	1.1795	8.9985
-1.40	0.5757	2.1345	26.3199	21.4332	1.2280	1.1878	8.9568
-1.20	0.7696	2.1049	23.0167	18.6933	1.2313	1.1970	8.9290
-1.00	0.9643	2.0795	20.5328	16.6027	1.2367	1.2064	8.9094
-0.80	1.1595	2.0564	18.8445	15.1342	1.2452	1.2154	8.8929
-0.60	1.3547	2.0340	17.9070	14.2887	1.2532	1.2227	8.8710
-0.40	1.5496	2.0101	17.7751	14.0906	1.2615	1.2270	8.8340
-0.20	1.7436	1.9824	18.5060	14.5705	1.2701	1.2275	8.7749
0.0	1.9361	1.9484	20.1029	15.7193	1.2789	1.2252	8.6912
0.20	2.1265	1.9058	22.4569	17.4091	1.2900	1.2207	8.5798
0.40	2.3143	1.8532	25.2705	19.3659	1.3049	1.2159	8.4439
0.60	2.4994	1.7907	27.9617	21.1945	1.3193	1.2127	8.2891
0.80	2.6821	1.7206	29.9853	22.4802	1.3338	1.2113	8.1207
1.00	2.8631	1.6471	30.8176	22.9632	1.3420	1.2127	7.9499
1.20	3.0438	1.5753	30.3982	22.5919	1.3455	1.2174	7.7897
1.40	3.2256	1.5107	28.8369	21.4970	1.3414	1.2275	7.6600
1.60	3.4104	1.4589	26.5043	19.9078	1.3314	1.2445	7.5793
1.80	3.6004	1.4255	23.7474	18.0363	1.3166	1.2724	7.5757
2.00	3.7980	1.4177	20.8888	16.0853	1.2986	1.3147	7.6795
2.20	4.0063	1.4452	18.1475	14.1769	1.2801	1.3765	7.9338
2.40	4.2290	1.5228	0.0	12.4071	0.0	0.0	0.0

T= 12200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7480	3.9996	0.0	7.6347	0.0	0.0	0.0
-6.80	-4.5481	3.9987	11.5419	7.4682	1.5455	1.5442	14.0353
-6.60	-4.3482	3.9975	11.5863	7.4770	1.5496	1.5453	14.0384
-6.40	-4.1484	3.9959	11.7788	7.6513	1.5395	1.5359	13.9930
-6.20	-3.9487	3.9936	12.2343	8.0336	1.5229	1.5176	13.9053
-6.00	-3.7491	3.9900	12.9490	8.6977	1.4888	1.4882	13.7637
-5.80	-3.5496	3.9846	14.2372	9.7759	1.4564	1.4479	13.5670
-5.60	-3.3506	3.9762	16.1236	11.4602	1.4069	1.3995	13.3242
-5.40	-3.1520	3.9634	19.0987	14.0371	1.3606	1.3485	13.0579
-5.20	-2.9541	3.9439	23.5559	17.8715	1.3181	1.2998	12.7883
-5.00	-2.7573	3.9147	29.9717	23.3830	1.2818	1.2578	12.5333
-4.80	-2.5621	3.8719	38.9641	30.9144	1.2604	1.2242	12.2973
-4.60	-2.3690	3.8113	50.6662	40.4909	1.2513	1.1994	12.0761
-4.40	-2.1784	3.7290	64.4901	51.6145	1.2495	1.1817	11.8566
-4.20	-1.9909	3.6233	79.2430	62.9662	1.2585	1.1697	11.6279
-4.00	-1.8065	3.4955	92.5516	72.8384	1.2706	1.1617	11.3821
-3.80	-1.6249	3.3504	102.0732	79.6108	1.2822	1.1566	11.1185
-3.60	-1.4455	3.1955	106.3231	82.3960	1.2904	1.1532	10.8427

T= 12200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.40	-1.2673	3.0393	105.1332	81.2662	1.2937	1.1513	10.5656
-3.20	-1.0893	2.8890	99.4327	76.9675	1.2919	1.1507	10.2982
-3.00	-0.9107	2.7500	90.6891	70.5832	1.2849	1.1509	10.0487
-2.80	-0.7308	2.6255	80.5030	63.1182	1.2754	1.1520	9.8230
-2.60	-0.5492	2.5167	70.0178	55.3957	1.2640	1.1540	9.6256
-2.40	-0.3656	2.4236	60.1068	47.9636	1.2532	1.1569	9.4578
-2.20	-0.1799	2.3450	51.1884	41.1721	1.2433	1.1608	9.3188
-2.00	0.0078	2.2794	43.4874	35.1646	1.2367	1.1657	9.2070
-1.80	0.1973	2.2251	36.9086	30.0008	1.2303	1.1716	9.1198
-1.60	0.3885	2.1803	31.5016	25.6532	1.2280	1.1788	9.0552
-1.40	0.5810	2.1433	27.1316	22.0765	1.2290	1.1867	9.0078
-1.20	0.7747	2.1123	23.6685	19.2076	1.2323	1.1957	8.9763
-1.00	0.9692	2.0857	21.0114	16.9912	1.2366	1.2051	8.9550
-0.80	1.1642	2.0620	19.1445	15.3987	1.2433	1.2142	8.9372
-0.60	1.3594	2.0393	18.0592	14.4248	1.2520	1.2219	8.9163
-0.40	1.5544	2.0156	17.7761	14.0933	1.2613	1.2270	8.8825
-0.20	1.7485	1.9886	18.3161	14.4325	1.2691	1.2282	8.8272
0.0	1.9413	1.9558	19.7440	15.4379	1.2789	1.2264	8.7476
0.20	2.1321	1.9148	21.9523	17.0230	1.2896	1.2222	8.6409
0.40	2.3204	1.8640	24.6662	18.9302	1.3030	1.2179	8.5102
0.60	2.5060	1.8032	27.3863	20.7897	1.3173	1.2142	8.3577
0.80	2.6891	1.7345	29.5470	22.1769	1.3323	1.2126	8.1916
1.00	2.8705	1.6616	30.5989	22.8002	1.3420	1.2138	8.0215
1.20	3.0513	1.5898	30.3742	22.5728	1.3456	1.2183	7.8607
1.40	3.2331	1.5246	29.0096	21.5978	1.3432	1.2282	7.7289
1.60	3.4177	1.4716	26.7841	20.0902	1.3332	1.2453	7.6462
1.80	3.6074	1.4370	24.0886	18.2640	1.3189	1.2727	7.6383
2.00	3.8046	1.4278	21.2493	16.3264	1.3015	1.3145	7.7377
2.20	4.0125	1.4539	18.4895	14.4119	1.2829	1.3756	7.9879
2.40	4.2346	1.5300	0.0	12.6326	0.0	0.0	0.0

T= 12300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7444	3.9999	0.0	7.7995	0.0	0.0	0.0
-6.80	-4.5445	3.9990	11.6370	7.5508	1.5412	1.5393	14.0709
-6.60	-4.3447	3.9979	11.5604	7.4911	1.5432	1.5447	14.0938
-6.40	-4.1448	3.9964	11.7297	7.6018	1.5430	1.5397	14.0683
-6.20	-3.9451	3.9943	12.0660	7.9101	1.5254	1.5246	13.9952
-6.00	-3.7454	3.9911	12.7301	8.4717	1.5027	1.4973	13.8638
-5.80	-3.5459	3.9862	13.7983	9.4061	1.4670	1.4607	13.6849
-5.60	-3.3467	3.9787	15.5006	10.8806	1.4246	1.4152	13.4577
-5.40	-3.1480	3.9672	18.0735	13.1492	1.3745	1.3647	13.1962
-5.20	-2.9499	3.9497	22.0011	16.5674	1.3280	1.3144	12.9221
-5.00	-2.7528	3.9234	27.8172	21.4955	1.2941	1.2702	12.6607
-4.80	-2.5572	3.8845	35.9229	28.3625	1.2666	1.2345	12.4196
-4.60	-2.3634	3.8290	46.7682	37.2760	1.2546	1.2071	12.1926
-4.40	-2.1721	3.7527	59.9328	47.9128	1.2509	1.1875	11.9725
-4.20	-1.9838	3.6532	74.4155	59.1777	1.2575	1.1740	11.7451
-4.00	-1.7986	3.5309	88.0329	69.4305	1.2679	1.1650	11.5027
-3.80	-1.6163	3.3897	98.6360	77.0313	1.2805	1.1590	11.2414
-3.60	-1.4364	3.2367	104.2821	80.8317	1.2901	1.1552	10.9666
-3.40	-1.2579	3.0801	104.4824	80.6968	1.2948	1.1531	10.6881
-3.20	-1.0800	2.9277	99.9166	77.1963	1.2943	1.1519	10.4152
-3.00	-0.9016	2.7854	91.9734	71.3619	1.2888	1.1519	10.1588

T= 12300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-0.7221	2.6569	82.1320	64.2173	1.2790	1.1528	9.9254
-2.60	-0.5410	2.5439	71.8205	56.6246	1.2684	1.1545	9.7195
-2.40	-0.3579	2.4468	61.8675	49.2059	1.2573	1.1571	9.5427
-2.20	-0.1728	2.3645	52.8004	42.3351	1.2472	1.1608	9.3958
-2.00	0.0144	2.2956	44.8768	36.2124	1.2393	1.1653	9.2761
-1.80	0.2035	2.2385	38.1141	30.9114	1.2330	1.1710	9.1821
-1.60	0.3942	2.1913	32.5145	26.4287	1.2303	1.1779	9.1117
-1.40	0.5864	2.1524	27.9418	22.7156	1.2301	1.1857	9.0603
-1.20	0.7798	2.1198	24.2939	19.7197	1.2320	1.1945	9.0249
-1.00	0.9741	2.0922	21.5045	17.3802	1.2373	1.2037	9.0000
-0.80	1.1690	2.0677	19.4698	15.6637	1.2430	1.2130	8.9818
-0.60	1.3641	2.0447	18.2117	14.5642	1.2504	1.2207	8.9600
-0.40	1.5591	2.0211	17.7530	14.0947	1.2595	1.2264	8.9287
-0.20	1.7534	1.9947	18.1184	14.2836	1.2685	1.2298	8.8789
0.0	1.9464	1.9629	19.3527	15.1431	1.2780	1.2277	8.8041
0.20	2.1376	1.9235	21.3792	16.5916	1.2886	1.2242	8.7026
0.40	2.3264	1.8744	23.9791	18.4221	1.3016	1.2198	8.5755
0.60	2.5125	1.8154	26.6557	20.2558	1.3164	1.2162	8.4270
0.80	2.6961	1.7481	28.8849	21.7176	1.3300	1.2143	8.2628
1.00	2.8778	1.6760	30.1472	22.4532	1.3427	1.2151	8.0935
1.20	3.0588	1.6043	30.1297	22.3614	1.3474	1.2198	7.9337
1.40	3.2406	1.5385	28.9412	21.5174	1.3450	1.2292	7.7992
1.60	3.4251	1.4845	26.8771	20.1062	1.3368	1.2462	7.7139
1.80	3.6144	1.4486	24.2709	18.3510	1.3226	1.2733	7.7023
2.00	3.8113	1.4380	21.4637	16.4511	1.3047	1.3146	7.7976
2.20	4.0187	1.4627	18.7049	14.5549	1.2851	1.3752	8.0437
2.40	4.2403	1.5375	0.0	12.7818	0.0	0.0	0.0

T= 12400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7409	4.0003	0.0	8.0128	0.0	0.0	0.0
-6.80	-4.5410	3.9993	11.7551	7.6682	1.5330	1.5321	14.0957
-6.60	-4.3411	3.9982	11.5705	7.5300	1.5366	1.5422	14.1399
-6.40	-4.1413	3.9968	11.6486	7.5771	1.5374	1.5407	14.1309
-6.20	-3.9415	3.9949	11.9585	7.8127	1.5307	1.5284	14.0708
-6.00	-3.7418	3.9920	12.5155	8.2874	1.5102	1.5056	13.9605
-5.80	-3.5423	3.9876	13.4230	9.0921	1.4763	1.4720	13.7963
-5.60	-3.3430	3.9809	14.9005	10.3831	1.4351	1.4291	13.5822
-5.40	-3.1441	3.9706	17.2091	12.3818	1.3899	1.3800	13.3296
-5.20	-2.9458	3.9549	20.7099	15.4106	1.3439	1.3297	13.0582
-5.00	-2.7485	3.9311	25.8976	19.8484	1.3048	1.2833	12.7901
-4.80	-2.5524	3.8959	33.2432	26.0713	1.2751	1.2450	12.5410
-4.60	-2.3581	3.8450	43.1740	34.3555	1.2567	1.2152	12.3091
-4.40	-2.1661	3.7745	55.7028	44.4369	1.2535	1.1937	12.0870
-4.20	-1.9770	3.6811	69.7501	55.5155	1.2564	1.1786	11.8610
-4.00	-1.7910	3.5645	83.6920	66.0431	1.2672	1.1683	11.6205
-3.80	-1.6080	3.4276	95.1039	74.3367	1.2794	1.1616	11.3623
-3.60	-1.4275	3.2770	101.9975	79.1055	1.2894	1.1572	11.0889
-3.40	-1.2487	3.1206	103.5679	79.9455	1.2955	1.1546	10.8088
-3.20	-1.0707	2.9664	100.1607	77.2885	1.2959	1.1533	10.5324
-3.00	-0.8926	2.8211	93.0535	72.0461	1.2916	1.1529	10.2696
-2.80	-0.7134	2.6888	83.7116	65.2611	1.2827	1.1535	10.0286
-2.60	-0.5327	2.5718	73.5915	57.8380	1.2724	1.1552	9.8149
-2.40	-0.3502	2.4706	63.6037	50.4433	1.2609	1.1575	9.6296

T= 12400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.1656	2.3846	54.4198	43.5120	1.2507	1.1609	9.4741
-2.00	0.0211	2.3124	46.3002	37.2809	1.2419	1.1652	9.3470
-1.80	0.2097	2.2524	39.3550	31.8505	1.2356	1.1706	9.2463
-1.60	0.4000	2.2028	33.5592	27.2294	1.2325	1.1771	9.1693
-1.40	0.5918	2.1618	28.7854	23.3805	1.2312	1.1847	9.1131
-1.20	0.7849	2.1277	24.9530	20.2546	1.2320	1.1931	9.0729
-1.00	0.9790	2.0988	22.0080	17.7927	1.2369	1.2023	9.0456
-0.80	1.1737	2.0735	19.8424	15.9539	1.2437	1.2114	9.0250
-0.60	1.3688	2.0500	18.4318	14.7296	1.2513	1.2198	9.0047
-0.40	1.5637	2.0264	17.7817	14.1248	1.2589	1.2261	8.9758
-0.20	1.7581	2.0005	17.9621	14.1713	1.2675	1.2294	8.9302
0.0	1.9514	1.9697	18.9986	14.8754	1.2772	1.2288	8.8590
0.20	2.1429	1.9316	20.8485	16.1903	1.2877	1.2258	8.7623
0.40	2.3322	1.8843	23.3255	17.9276	1.3011	1.2217	8.6399
0.60	2.5188	1.8270	25.9868	19.7664	1.3147	1.2180	8.4945
0.80	2.7028	1.7611	28.2638	21.2628	1.3293	1.2161	8.3337
1.00	2.8849	1.6899	29.6868	22.1395	1.3409	1.2168	8.1656
1.20	3.0661	1.6183	29.8807	22.1647	1.3481	1.2211	8.0050
1.40	3.2479	1.5521	28.8861	21.4417	1.3472	1.2306	7.8697
1.60	3.4323	1.4972	26.9379	20.1311	1.3381	1.2470	7.7808
1.80	3.6214	1.4601	24.4404	18.4336	1.3259	1.2740	7.7663
2.00	3.8179	1.4482	21.6783	16.5724	1.3081	1.3149	7.8580
2.20	4.0248	1.4716	18.9474	14.7032	1.2887	1.3751	8.1003
2.40	4.2459	1.5449	0.0	12.9355	0.0	0.0	0.0

T= 12500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7373	4.0008	0.0	8.2848	0.0	0.0	0.0
-6.80	-4.5375	3.9997	11.9240	7.8230	1.5242	1.5225	14.1087
-6.60	-4.3376	3.9986	11.7066	7.6004	1.5403	1.5364	14.1707
-6.40	-4.1377	3.9972	11.6713	7.5772	1.5403	1.5396	14.1831
-6.20	-3.9379	3.9954	11.8568	7.7455	1.5308	1.5315	14.1428
-6.00	-3.7382	3.9928	12.3069	8.1381	1.5123	1.5131	14.0529
-5.80	-3.5386	3.9889	13.1201	8.8292	1.4860	1.4824	13.9027
-5.60	-3.3393	3.9828	14.3890	9.9556	1.4453	1.4425	13.7037
-5.40	-3.1403	3.9736	16.4270	11.7178	1.4019	1.3946	13.4590
-5.20	-2.9419	3.9594	19.5565	14.4037	1.3577	1.3444	13.1906
-5.00	-2.7442	3.9379	24.1564	18.3733	1.3148	1.2967	12.9196
-4.80	-2.5478	3.9060	30.8529	24.0240	1.2843	1.2559	12.6628
-4.60	-2.3529	3.8595	39.9993	31.6540	1.2636	1.2237	12.4248
-4.40	-2.1603	3.7944	51.6686	41.1912	1.2544	1.2001	12.2002
-4.20	-1.9705	3.7070	65.2794	51.9483	1.2566	1.1834	11.9750
-4.00	-1.7836	3.5961	79.2135	62.6272	1.2648	1.1719	11.7368
-3.80	-1.5999	3.4640	91.3191	71.4861	1.2774	1.1643	11.4818
-3.60	-1.4198	3.3162	99.4211	77.1480	1.2887	1.1594	11.2106
-3.40	-1.2397	3.1605	102.3018	78.9655	1.2955	1.1563	10.9294
-3.20	-1.0616	3.0052	100.1093	77.1617	1.2974	1.1546	10.6498
-3.00	-0.8836	2.8571	93.8955	72.5630	1.2940	1.1540	10.3812
-2.80	-0.7047	2.7212	85.1367	66.1837	1.2864	1.1544	10.1331
-2.60	-0.5245	2.6003	75.2503	58.9646	1.2762	1.1558	9.9113
-2.40	-0.3424	2.4950	65.3460	51.6349	1.2655	1.1579	9.7178
-2.20	-0.1583	2.4052	56.0349	44.6672	1.2545	1.1611	9.5542
-2.00	0.0278	2.3297	47.7474	38.3409	1.2453	1.1650	9.4191
-1.80	0.2159	2.2667	40.6037	32.7876	1.2384	1.1703	9.3118

T= 12500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.4058	2.2146	34.5796	28.0363	1.2334	1.1764	9.2282
-1.40	0.5973	2.1715	29.6389	24.0615	1.2318	1.1833	9.1667
-1.20	0.7901	2.1358	25.6481	20.8102	1.2325	1.1919	9.1221
-1.00	0.9839	2.1056	22.5442	18.2303	1.2366	1.2013	9.0928
-0.80	1.1784	2.0794	20.2271	16.2817	1.2423	1.2103	9.0701
-0.60	1.3734	2.0554	18.6837	14.9397	1.2506	1.2188	9.0492
-0.40	1.5684	2.0317	17.8862	14.2185	1.2580	1.2256	9.0217
-0.20	1.7629	2.0062	17.9108	14.1385	1.2668	1.2293	8.9786
0.0	1.9563	1.9763	18.7717	14.7213	1.2751	1.2296	8.9123
0.20	2.1482	1.9395	20.4721	15.9228	1.2857	1.2269	8.8195
0.40	2.3379	1.8938	22.8302	17.5901	1.2979	1.2232	8.7017
0.60	2.5249	1.8383	25.4917	19.4100	1.3133	1.2197	8.5609
0.80	2.7094	1.7739	27.8738	20.9794	1.3286	1.2176	8.4026
1.00	2.8919	1.7037	29.4300	21.9521	1.3406	1.2179	8.2355
1.20	3.0733	1.6324	29.8164	22.1321	1.3472	1.2220	8.0748
1.40	3.2552	1.5658	28.9968	21.5299	1.3468	1.2311	7.9380
1.60	3.4395	1.5101	27.2091	20.2979	1.3405	1.2475	7.8473
1.80	3.6284	1.4718	24.7740	18.6584	1.3278	1.2740	7.8290
2.00	3.8244	1.4586	22.0492	16.8243	1.3106	1.3147	7.9171
2.20	4.0309	1.4806	19.3060	14.9555	1.2909	1.3743	8.1555
2.40	4.2516	1.5526	0.0	13.1842	0.0	0.0	0.0

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7338	4.0013	0.0	8.6147	0.0	0.0	0.0
-6.80	-4.5340	4.0001	12.1150	8.0161	1.5113	0.0	0.0
-6.60	-4.3341	3.9989	11.8131	7.7002	1.5341	1.5306	14.2013
-6.40	-4.1342	3.9976	11.7540	7.6042	1.5457	1.5377	14.2319
-6.20	-3.9344	3.9959	11.8617	7.7018	1.5401	1.5338	14.2106
-6.00	-3.7347	3.9935	12.1726	8.0152	1.5187	1.5180	14.1329
-5.80	-3.5351	3.9900	12.8547	8.6046	1.4939	1.4919	14.0049
-5.60	-3.3356	3.9845	14.0149	9.5864	1.4620	1.4543	13.8175
-5.40	-3.1366	3.9762	15.7948	11.1392	1.4179	1.4087	13.5851
-5.20	-2.9380	3.9634	18.5155	13.5218	1.3693	1.3586	13.3201
-5.00	-2.7401	3.9440	22.6864	17.0862	1.3278	1.3103	13.0488
-4.80	-2.5433	3.9150	28.7107	22.1840	1.2942	1.2674	12.7863
-4.60	-2.3480	3.8726	37.1010	29.1873	1.2711	1.2329	12.5427
-4.40	-2.1548	3.8125	47.9700	38.1598	1.2571	1.2070	12.3132
-4.20	-1.9642	3.7309	60.9600	48.5423	1.2558	1.1886	12.0876
-4.00	-1.7766	3.6259	74.8580	59.2229	1.2640	1.1758	11.8524
-3.80	-1.5921	3.4988	87.4469	68.5533	1.2756	1.1673	11.6005
-3.60	-1.4104	3.3543	96.5849	75.0271	1.2873	1.1616	11.3304
-3.40	-1.2309	3.1998	100.7765	77.7856	1.2956	1.1581	11.0498
-3.20	-1.0526	3.0437	99.8053	76.8510	1.2987	1.1560	10.7671
-3.00	-0.8746	2.8934	94.5823	72.9272	1.2969	1.1551	10.4939
-2.80	-0.6960	2.7541	86.4620	66.9971	1.2905	1.1553	10.2389
-2.60	-0.5162	2.6293	76.8365	60.0276	1.2800	1.1562	10.0084
-2.40	-0.3346	2.5201	66.9756	52.7849	1.2688	1.1583	9.8070
-2.20	-0.1510	2.4265	57.6337	45.7965	1.2585	1.1612	9.6354
-2.00	0.0346	2.3475	49.1859	39.3954	1.2485	1.1650	9.4926
-1.80	0.2222	2.2815	41.8511	33.7265	1.2409	1.1700	9.3782
-1.60	0.4117	2.2268	35.6533	28.8517	1.2357	1.1759	9.2886
-1.40	0.6027	2.1816	30.5345	24.7481	1.2338	1.1829	9.2211
-1.20	0.7952	2.1441	26.3781	21.3715	1.2343	1.1910	9.1729

T= 12600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	0.9888	2.1126	23.0876	18.6752	1.2363	1.1999	9.1390
-0.80	1.1832	2.0855	20.6240	16.6072	1.2419	1.2091	9.1150
-0.60	1.3780	2.0609	18.9107	15.1509	1.2482	1.2178	9.0936
-0.40	1.5730	2.0370	17.9829	14.3032	1.2573	1.2246	9.0661
-0.20	1.7675	2.0117	17.8380	14.0870	1.2663	1.2293	9.0269
0.0	1.9612	1.9826	18.5247	14.5232	1.2755	1.2306	8.9657
0.20	2.1533	1.9470	20.0401	15.5886	1.2856	1.2286	8.8781
0.40	2.3434	1.9030	22.2418	17.1456	1.2972	1.2249	8.7638
0.60	2.5309	1.8492	24.8177	18.9187	1.3118	1.2217	8.6277
0.80	2.7159	1.7863	27.2314	20.5173	1.3272	1.2196	8.4725
1.00	2.8988	1.7171	28.9047	21.5764	1.3396	1.2199	8.3077
1.20	3.0804	1.6462	29.4832	21.8723	1.3480	1.2239	8.1476
1.40	3.2625	1.5794	28.8635	21.3943	1.3491	1.2330	8.0103
1.60	3.4467	1.5229	27.2161	20.2706	1.3426	1.2491	7.9171
1.80	3.6353	1.4836	24.8946	18.7123	1.3304	1.2753	7.8955
2.00	3.8310	1.4691	22.2243	16.9222	1.3133	1.3160	7.9812
2.20	4.0371	1.4897	19.5020	15.0795	1.2933	1.3750	8.2153
2.40	4.2572	1.5603	0.0	13.3228	0.0	0.0	0.0

T= 12700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7303	4.0019	0.0	9.0290	0.0	0.0	0.0
-6.80	-4.5305	4.0005	12.3987	8.2654	1.5001	0.0	0.0
-6.60	-4.3306	3.9993	11.9116	7.8400	1.5193	1.5226	14.2209
-6.40	-4.1307	3.9980	11.7336	7.6613	1.5315	1.5341	14.2718
-6.20	-3.9309	3.9964	11.7940	7.6873	1.5342	1.5340	14.2689
-6.00	-3.7312	3.9942	12.1287	7.9239	1.5306	1.5232	14.2143
-5.80	-3.5315	3.9910	12.6623	8.4211	1.5036	1.5002	14.1008
-5.60	-3.3321	3.9860	13.6335	9.2719	1.4704	1.4660	13.9305
-5.40	-3.1329	3.9785	15.2322	10.6404	1.4315	1.4221	13.7074
-5.20	-2.9341	3.9670	17.6708	12.7533	1.3856	1.3737	13.4530
-5.00	-2.7361	3.9495	21.3443	15.9316	1.3397	1.3241	13.1783
-4.80	-2.5390	3.9231	26.7490	20.5560	1.3013	1.2791	12.9094
-4.60	-2.3433	3.8844	34.4092	26.9604	1.2763	1.2428	12.6618
-4.40	-2.1495	3.8290	44.5473	35.3236	1.2611	1.2144	12.4267
-4.20	-1.9582	3.7530	56.9559	45.2936	1.2575	1.1939	12.1986
-4.00	-1.7698	3.6539	70.6226	55.8581	1.2643	1.1800	11.9661
-3.80	-1.5846	3.5319	83.4845	65.5273	1.2740	1.1702	11.7161
-3.60	-1.4022	3.3911	93.4579	72.7069	1.2854	1.1640	11.4496
-3.40	-1.2223	3.2384	98.9270	76.3674	1.2954	1.1600	11.1694
-3.20	-1.0438	3.0821	99.2050	76.3208	1.2998	1.1576	10.8850
-3.00	-0.8658	2.9297	94.9497	73.1096	1.2987	1.1565	10.6077
-2.80	-0.6874	2.7874	87.5576	67.6766	1.2938	1.1564	10.3465
-2.60	-0.5079	2.6588	78.2834	60.9940	1.2835	1.1571	10.1082
-2.40	-0.3268	2.5458	68.5763	53.8695	1.2730	1.1588	9.8981
-2.20	-0.1437	2.4484	59.1764	46.8978	1.2618	1.1614	9.7179
-2.00	0.0414	2.3659	50.6048	40.4256	1.2518	1.1651	9.5679
-1.80	0.2285	2.2969	43.1138	34.6591	1.2439	1.1697	9.4460
-1.60	0.4176	2.2395	36.7307	29.6629	1.2383	1.1754	9.3500
-1.40	0.6083	2.1921	31.4013	25.4337	1.2346	1.1822	9.2772
-1.20	0.8004	2.1528	27.1098	21.9431	1.2355	1.1901	9.2244
-1.00	0.9937	2.1199	23.6577	19.1264	1.2369	1.1986	9.1860
-0.80	1.1879	2.0917	21.0334	16.9496	1.2409	1.2077	9.1594
-0.60	1.3826	2.0664	19.1945	15.3786	1.2481	1.2165	9.1372

T= 12700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.5775	2.0423	18.1068	14.4111	1.2565	1.2240	9.1115
-0.20	1.7721	2.0172	17.7829	14.0654	1.2643	1.2290	9.0736
0.0	1.9660	1.9887	18.3060	14.3640	1.2744	1.2310	9.0166
0.20	2.1584	1.9543	19.6362	15.2945	1.2839	1.2298	8.9339
0.40	2.3488	1.9117	21.7143	16.7409	1.2971	1.2268	8.8254
0.60	2.5368	1.8596	24.1848	18.4600	1.3101	1.2234	8.6920
0.80	2.7222	1.7982	26.6098	20.0707	1.3258	1.2211	8.5395
1.00	2.9055	1.7301	28.3950	21.2093	1.3388	1.2216	8.3781
1.20	3.0874	1.6598	29.1504	21.6229	1.3481	1.2253	8.2183
1.40	3.2696	1.5928	28.6961	21.2607	1.3497	1.2341	8.0797
1.60	3.4537	1.5357	27.2192	20.2408	1.3448	1.2500	7.9844
1.80	3.6421	1.4953	25.0047	18.7563	1.3331	1.2761	7.9606
2.00	3.8376	1.4796	22.3991	17.0195	1.3161	1.3164	8.0426
2.20	4.0432	1.4990	19.7102	15.2061	1.2962	1.3747	8.2725
2.40	4.2628	1.5681	0.0	13.4706	0.0	0.0	0.0

T= 12800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7268	4.0027	0.0	9.5199	0.0	0.0	0.0
-6.80	-4.5270	4.0010	12.7480	8.5713	1.4873	1.4828	14.0919
-6.60	-4.3272	3.9997	12.1299	8.0119	1.5140	1.5117	14.2262
-6.40	-4.1273	3.9984	11.8407	7.7391	1.5300	1.5281	14.3009
-6.20	-3.9275	3.9969	11.7775	7.6899	1.5315	1.5329	14.3202
-6.00	-3.7277	3.9948	12.0152	7.8572	1.5292	1.5263	14.2860
-5.80	-3.5280	3.9918	12.4891	8.2658	1.5109	1.5067	14.1886
-5.60	-3.3285	3.9874	13.3278	9.0027	1.4804	1.4770	14.0404
-5.40	-3.1292	3.9805	14.6854	10.2016	1.4395	1.4353	13.8289
-5.20	-2.9304	3.9701	16.9212	12.0747	1.4014	1.3878	13.5800
-5.00	-2.7321	3.9543	20.1767	14.9160	1.3527	1.3381	13.3081
-4.80	-2.5348	3.9304	25.0455	19.0722	1.3132	1.2916	13.0351
-4.60	-2.3387	3.8950	31.9851	24.9403	1.2825	1.2525	12.7788
-4.40	-2.1444	3.8441	41.4131	32.7129	1.2660	1.2223	12.5409
-4.20	-1.9525	3.7734	53.1880	42.1844	1.2608	1.2000	12.3110
-4.00	-1.7633	3.6800	66.3866	52.5803	1.2626	1.1844	12.0787
-3.80	-1.5773	3.5634	79.4974	62.4908	1.2721	1.1737	11.8319
-3.60	-1.3943	3.4267	90.2871	70.2749	1.2848	1.1666	11.5674
-3.40	-1.2138	3.2762	96.8140	74.7780	1.2947	1.1621	11.2889
-3.20	-1.0350	3.1200	98.3103	75.5958	1.3005	1.1592	11.0028
-3.00	-0.8570	2.9661	95.1198	73.1327	1.3006	1.1578	10.7213
-2.80	-0.6788	2.8210	88.4142	68.2320	1.2958	1.1574	10.4538
-2.60	-0.4996	2.6888	79.6956	61.8731	1.2880	1.1580	10.2089
-2.40	-0.3189	2.5720	70.0998	54.9053	1.2767	1.1594	9.9906
-2.20	-0.1363	2.4708	60.7151	47.9663	1.2658	1.1618	9.8023
-2.00	0.0483	2.3848	52.0566	41.4506	1.2559	1.1653	9.6447
-1.80	0.2349	2.3126	44.3781	35.5925	1.2468	1.1697	9.5154
-1.60	0.4235	2.2526	37.8001	30.4829	1.2400	1.1750	9.4124
-1.40	0.6138	2.2029	32.3356	26.1355	1.2372	1.1816	9.3340
-1.20	0.8056	2.1617	27.8332	22.5268	1.2356	1.1893	9.2765
-1.00	0.9986	2.1273	24.2616	19.6011	1.2378	1.1976	9.2344
-0.80	1.1926	2.0980	21.4973	17.3146	1.2416	1.2065	9.2048
-0.60	1.3872	2.0720	19.5109	15.6333	1.2480	1.2153	9.1808
-0.40	1.5820	2.0476	18.2847	14.5585	1.2560	1.2232	9.1560
-0.20	1.7767	2.0225	17.8131	14.0955	1.2637	1.2287	9.1204
0.0	1.9707	1.9946	18.1726	14.2794	1.2726	1.2311	9.0661

T= 12800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.1633	1.9612	19.3628	15.0885	1.2833	1.2306	8.9879
0.40	2.3541	1.9200	21.3131	16.4483	1.2958	1.2279	8.8833
0.60	2.5425	1.8695	23.7231	18.1234	1.3090	1.2242	8.7527
0.80	2.7284	1.8098	26.1597	19.7622	1.3237	1.2221	8.6042
1.00	2.9121	1.7429	28.0785	20.9785	1.3384	1.2223	8.4442
1.20	3.0943	1.6731	28.9824	21.5071	1.3476	1.2260	8.2861
1.40	3.2766	1.6061	28.7191	21.2616	1.3507	1.2343	8.1461
1.60	3.4607	1.5484	27.3883	20.3392	1.3466	1.2499	8.0488
1.80	3.6489	1.5071	25.2627	18.9245	1.3349	1.2757	8.0218
2.00	3.8441	1.4902	22.7121	17.2261	1.3185	1.3149	8.0986
2.20	4.0493	1.5082	20.0336	15.4251	1.2988	1.3729	8.3251
2.40	4.2684	1.5760	0.0	13.6946	0.0	0.0	0.0

T= 12900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7234	4.0036	0.0	10.1259	0.0	0.0	0.0
-6.80	-4.5236	4.0017	13.1029	8.9424	1.4653	1.4654	14.0648
-6.60	-4.3237	4.0002	12.3885	8.2349	1.5044	1.4996	14.2252
-6.40	-4.1239	3.9988	11.9608	7.8536	1.5230	1.5210	14.3237
-6.20	-3.9240	3.9973	11.8684	7.7237	1.5366	1.5304	14.3652
-6.00	-3.7242	3.9954	11.9227	7.8144	1.5257	1.5273	14.3472
-5.80	-3.5245	3.9926	12.3201	8.1439	1.5128	1.5119	14.2700
-5.60	-3.3250	3.9886	13.0830	8.7719	1.4915	1.4852	14.1363
-5.40	-3.1257	3.9824	14.2864	9.8209	1.4547	1.4472	13.9435
-5.20	-2.9267	3.9729	16.1614	11.4818	1.4076	1.4008	13.7016
-5.00	-2.7283	3.9586	19.1669	14.0188	1.3672	1.3516	13.4346
-4.80	-2.5307	3.9368	23.5580	17.7827	1.3248	1.3043	13.1613
-4.60	-2.3342	3.9046	29.8372	23.1119	1.2910	1.2632	12.8989
-4.40	-2.1395	3.8577	38.5172	30.3038	1.2710	1.2309	12.6561
-4.20	-1.9469	3.7921	49.5916	39.2944	1.2621	1.2064	12.4229
-4.00	-1.7571	3.7043	62.3932	49.4295	1.2623	1.1891	12.1898
-3.80	-1.5703	3.5932	75.5350	59.4436	1.2707	1.1773	11.9457
-3.60	-1.3866	3.4609	86.9607	67.7532	1.2835	1.1694	11.6846
-3.40	-1.2056	3.3130	94.5284	73.0486	1.2940	1.1642	11.4067
-3.20	-1.0265	3.1575	97.1964	74.7140	1.3009	1.1609	11.1197
-3.00	-0.8483	3.0025	95.1020	73.0063	1.3027	1.1590	10.8347
-2.80	-0.6702	2.8548	89.1907	68.6723	1.2988	1.1584	10.5621
-2.60	-0.4913	2.7193	80.9653	62.6788	1.2917	1.1587	10.3098
-2.40	-0.3111	2.5987	71.5407	55.8957	1.2799	1.1601	10.0845
-2.20	-0.1289	2.4938	62.2277	49.0119	1.2696	1.1623	9.8882
-2.00	0.0552	2.4043	53.4695	42.4656	1.2591	1.1654	9.7221
-1.80	0.2413	2.3289	45.6362	36.5250	1.2495	1.1696	9.5857
-1.60	0.4295	2.2661	38.9099	31.3105	1.2427	1.1747	9.4763
-1.40	0.6194	2.2140	33.2756	26.8536	1.2391	1.1810	9.3918
-1.20	0.8108	2.1709	28.5876	23.1235	1.2363	1.1883	9.3285
-1.00	1.0036	2.1350	24.8654	20.0879	1.2378	1.1965	9.2831
-0.80	1.1973	2.1045	21.9703	17.6923	1.2418	1.2052	9.2500
-0.60	1.3918	2.0778	19.8545	15.9109	1.2479	1.2143	9.2255
-0.40	1.5865	2.0529	18.4732	14.7254	1.2545	1.2223	9.2004
-0.20	1.7812	2.0278	17.8870	14.1549	1.2637	1.2285	9.1673
0.0	1.9753	2.0004	18.0861	14.2175	1.2721	1.2315	9.1161
0.20	2.1682	1.9679	19.1313	14.9162	1.2826	1.2313	9.0410
0.40	2.3593	1.9281	20.9109	16.1792	1.2925	1.2289	8.9404
0.60	2.5482	1.8792	23.2669	17.8031	1.3069	1.2257	8.8150

T= 12900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.7345	1.8211	25.7099	19.4518	1.3217	1.2237	8.6702
1.00	2.9186	1.7554	27.7113	20.7399	1.3361	1.2237	8.5124
1.20	3.1011	1.6863	28.7968	21.3822	1.3468	1.2272	8.3554
1.40	3.2836	1.6195	28.7163	21.2594	1.3508	1.2357	8.2161
1.60	3.4677	1.5613	27.5255	20.4326	1.3471	1.2510	8.1170
1.80	3.6557	1.5190	25.5074	19.0882	1.3363	1.2765	8.0875
2.00	3.8506	1.5010	23.0167	17.4291	1.3206	1.3156	8.1614
2.20	4.0554	1.5177	20.3493	15.6501	1.3003	1.3728	8.3836
2.40	4.2740	1.5841	0.0	13.9283	0.0	0.0	0.0

T= 13000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7199	4.0046	0.0	10.8580	0.0	0.0	0.0
-6.80	-4.5201	4.0024	13.5944	9.4051	1.4454	1.4465	14.0291
-6.60	-4.3203	4.0007	12.6849	8.5117	1.4903	1.4862	14.2173
-6.40	-4.1205	3.9992	12.1105	8.0092	1.5121	1.5135	14.3446
-6.20	-3.9206	3.9977	11.9006	7.7916	1.5274	1.5271	14.4059
-6.00	-3.7208	3.9959	11.9630	7.8033	1.5331	1.5283	14.4083
-5.80	-3.5211	3.9933	12.2570	8.0515	1.5223	1.5172	14.3517
-5.60	-3.3215	3.9896	12.8493	8.5810	1.4974	1.4936	14.2328
-5.40	-3.1221	3.9840	13.9282	9.4978	1.4665	1.4589	14.0565
-5.20	-2.9231	3.9754	15.5935	10.9665	1.4219	1.4150	13.8285
-5.00	-2.7245	3.9624	18.2211	13.2300	1.3773	1.3658	13.5638
-4.80	-2.5267	3.9426	22.1736	16.6072	1.3352	1.3178	13.2899
-4.60	-2.3299	3.9132	27.9314	21.4505	1.3021	1.2748	13.0226
-4.40	-2.1347	3.8701	35.8858	28.1027	1.2770	1.2396	12.7705
-4.20	-1.9416	3.8093	46.2283	36.5514	1.2647	1.2132	12.5341
-4.00	-1.7511	3.7269	58.5681	46.3354	1.2640	1.1942	12.3003
-3.80	-1.5636	3.6213	71.6248	56.3763	1.2705	1.1811	12.0581
-3.60	-1.3792	3.4936	83.3773	65.0815	1.2811	1.1723	11.7997
-3.40	-1.1976	3.3488	91.8933	71.0895	1.2926	1.1665	11.5237
-3.20	-1.0181	3.1944	95.7252	73.5898	1.3008	1.1627	11.2369
-3.00	-0.8398	3.0386	94.6861	72.6418	1.3035	1.1606	10.9493
-2.80	-0.6617	2.8888	89.6824	68.9093	1.3015	1.1596	10.6714
-2.60	-0.4831	2.7501	81.9635	63.3194	1.2944	1.1597	10.4124
-2.40	-0.3032	2.6259	72.9387	56.7650	1.2849	1.1608	10.1794
-2.20	-0.1215	2.5173	63.6140	49.9673	1.2731	1.1629	9.9758
-2.00	0.0621	2.4242	54.8009	43.4166	1.2622	1.1657	9.8014
-1.80	0.2478	2.3457	46.8865	37.4156	1.2531	1.1695	9.6569
-1.60	0.4355	2.2800	39.9924	32.1089	1.2455	1.1745	9.5412
-1.40	0.6250	2.2256	34.1630	27.5433	1.2403	1.1805	9.4508
-1.20	0.8161	2.1804	29.3674	23.7056	1.2388	1.1875	9.3820
-1.00	1.0085	2.1429	25.4680	20.5638	1.2385	1.1955	9.3323
-0.80	1.2021	2.1112	22.4375	18.0651	1.2420	1.2043	9.2971
-0.60	1.3964	2.0836	20.1696	16.1762	1.2469	1.2133	9.2703
-0.40	1.5910	2.0582	18.6638	14.8850	1.2539	1.2216	9.2451
-0.20	1.7857	2.0331	17.9158	14.1955	1.2621	1.2278	9.2118
0.0	1.9799	2.0060	17.9738	14.1305	1.2720	1.2318	9.1652
0.20	2.1730	1.9744	18.8285	14.7000	1.2809	1.2321	9.0937
0.40	2.3644	1.9359	20.4736	15.8475	1.2919	1.2304	8.9983
0.60	2.5537	1.8885	22.7057	17.3864	1.3059	1.2276	8.8777
0.80	2.7404	1.8319	25.1197	19.0176	1.3209	1.2254	8.7357
1.00	2.9249	1.7676	27.1716	20.3527	1.3350	1.2253	8.5807
1.20	3.1078	1.6993	28.3885	21.0886	1.3462	1.2286	8.4245

T= 13000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	3.2904	1.6326	28.4762	21.0735	1.3513	1.2367	8.2848
1.60	3.4745	1.5740	27.4632	20.3569	1.3491	1.2521	8.1851
1.80	3.6625	1.5309	25.5693	19.0968	1.3389	1.2773	8.1531
2.00	3.8570	1.5118	23.1495	17.5010	1.3228	1.3158	8.2232
2.20	4.0614	1.5272	20.5307	15.7611	1.3026	1.3727	8.4420
2.40	4.2795	1.5922	0.0	14.0656	0.0	0.0	0.0

T= 13100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7164	4.0059	0.0	11.7341	0.0	0.0	0.0
-6.80	-4.5167	4.0032	14.2358	9.9410	1.4320	1.4262	13.9851
-6.60	-4.3169	4.0013	13.0181	8.8553	1.4701	1.4704	14.1966
-6.40	-4.1171	3.9997	12.3735	8.2114	1.5069	1.5031	14.3510
-6.20	-3.9173	3.9982	11.9986	7.8872	1.5213	1.5219	14.4377
-6.00	-3.7175	3.9964	11.9481	7.8201	1.5279	1.5266	14.4569
-5.80	-3.5177	3.9940	12.1657	7.9915	1.5223	1.5198	14.4200
-5.60	-3.3181	3.9906	12.6646	8.4311	1.5021	1.4999	14.3192
-5.40	-3.1186	3.9855	13.5925	9.2251	1.4734	1.4690	14.1618
-5.20	-2.9195	3.9777	15.0992	10.5241	1.4347	1.4272	13.9453
-5.00	-2.7208	3.9658	17.4265	12.5388	1.3898	1.3797	13.6911
-4.80	-2.5228	3.9478	20.9923	15.5806	1.3473	1.3305	13.4142
-4.60	-2.3257	3.9209	26.1945	20.0029	1.3095	1.2863	13.1440
-4.40	-2.1301	3.8813	33.4749	26.1011	1.2825	1.2487	12.8854
-4.20	-1.9365	3.8250	43.1734	34.0390	1.2683	1.2205	12.6462
-4.00	-1.7453	3.7479	54.9876	43.4581	1.2653	1.1997	12.4107
-3.80	-1.5571	3.6477	67.8348	53.3915	1.2705	1.1854	12.1705
-3.60	-1.3720	3.5249	79.8981	62.4058	1.2803	1.1754	11.9134
-3.40	-1.1898	3.3835	89.1457	69.0436	1.2912	1.1688	11.6394
-3.20	-1.0098	3.2307	94.1242	72.3424	1.3011	1.1646	11.3531
-3.00	-0.8313	3.0746	94.1520	72.1706	1.3046	1.1622	11.0639
-2.80	-0.6533	2.9228	90.0237	69.0694	1.3034	1.1608	10.7807
-2.60	-0.4749	2.7813	82.9051	63.9120	1.2972	1.1607	10.5158
-2.40	-0.2953	2.6535	74.2586	57.6127	1.2889	1.1616	10.2756
-2.20	-0.1141	2.5413	65.0237	50.9234	1.2769	1.1633	10.0632
-2.00	0.0691	2.4447	56.1683	44.3836	1.2655	1.1659	9.8814
-1.80	0.2543	2.3629	48.1449	38.3261	1.2562	1.1696	9.7300
-1.60	0.4415	2.2943	41.1104	32.9283	1.2485	1.1744	9.6077
-1.40	0.6306	2.2374	35.0953	28.2633	1.2417	1.1801	9.5106
-1.20	0.8214	2.1903	30.1530	24.3170	1.2400	1.1868	9.4366
-1.00	1.0135	2.1511	26.1132	21.0671	1.2395	1.1947	9.3826
-0.80	1.2068	2.1181	22.9592	18.4621	1.2436	1.2032	9.3435
-0.60	1.4009	2.0895	20.5210	16.4732	1.2457	1.2121	9.3146
-0.40	1.5955	2.0636	18.9060	15.0757	1.2541	1.2202	9.2875
-0.20	1.7901	2.0383	18.0151	14.2742	1.2621	1.2270	9.2563
0.0	1.9844	2.0115	17.9016	14.0915	1.2704	1.2313	9.2113
0.20	2.1777	1.9807	18.6057	14.5375	1.2798	1.2328	9.1457
0.40	2.3694	1.9433	20.1158	15.5644	1.2924	1.2315	9.0542
0.60	2.5590	1.8975	22.2215	17.0280	1.3050	1.2290	8.9377
0.80	2.7463	1.8424	24.5748	18.6266	1.3193	1.2268	8.7993
1.00	2.9312	1.7794	26.6852	20.0043	1.3340	1.2265	8.6467
1.20	3.1144	1.7120	28.0220	20.8225	1.3458	1.2297	8.4922
1.40	3.2972	1.6455	28.2778	20.9144	1.3521	1.2376	8.3526
1.60	3.4813	1.5866	27.4008	20.3004	1.3498	1.2524	8.2505
1.80	3.6692	1.5428	25.6478	19.1244	1.3411	1.2771	8.2155

T= 13100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.8634	1.5226	23.3039	17.5851	1.3252	1.3151	8.2820
2.20	4.0675	1.5368	20.7306	15.8842	1.3051	1.3711	8.4961
2.40	4.2851	1.6004	0.0	14.2206	0.0	0.0	0.0

T= 13200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7129	4.0075	0.0	12.7570	0.0	0.0	0.0
-6.80	-4.5133	4.0042	14.9256	10.6149	1.4061	1.4034	13.9277
-6.60	-4.3135	4.0020	13.4636	9.2624	1.4536	1.4524	14.1644
-6.40	-4.1137	4.0002	12.6285	8.4536	1.4939	1.4894	14.3406
-6.20	-3.9139	3.9986	12.1640	8.0145	1.5178	1.5136	14.4540
-6.00	-3.7141	3.9969	11.9512	7.8570	1.5211	1.5234	14.4976
-5.80	-3.5143	3.9946	12.1140	7.9483	1.5241	1.5207	14.4805
-5.60	-3.3147	3.9914	12.5294	8.3021	1.5092	1.5049	14.3995
-5.40	-3.1152	3.9868	13.3063	8.9884	1.4804	1.4772	14.2577
-5.20	-2.9160	3.9797	14.6100	10.1314	1.4421	1.4380	14.0550
-5.00	-2.7172	3.9689	16.7417	11.9291	1.4034	1.3923	13.8109
-4.80	-2.5190	3.9525	19.9147	14.6615	1.3583	1.3434	13.5383
-4.60	-2.3217	3.9278	24.6420	18.6709	1.3198	1.2974	13.2628
-4.40	-2.1257	3.8915	31.3373	24.2908	1.2901	1.2585	13.0021
-4.20	-1.9316	3.8394	40.3323	31.7195	1.2715	1.2280	12.7569
-4.00	-1.7398	3.7673	51.5278	40.7015	1.2660	1.2054	12.5199
-3.80	-1.5509	3.6725	64.0987	50.5092	1.2690	1.1894	12.2791
-3.60	-1.3650	3.5546	76.4126	59.7439	1.2790	1.1786	12.0254
-3.40	-1.1822	3.4171	86.3749	66.9495	1.2901	1.1713	11.7540
-3.20	-1.0018	3.2662	92.3208	70.9930	1.3004	1.1665	11.4681
-3.00	-0.8230	3.1102	93.4857	71.6051	1.3056	1.1635	11.1764
-2.80	-0.6450	2.9569	90.2345	69.1291	1.3053	1.1621	10.8909
-2.60	-0.4667	2.8127	83.7963	64.4347	1.3005	1.1618	10.6206
-2.40	-0.2874	2.6816	75.4508	58.4172	1.2916	1.1623	10.3722
-2.20	-0.1066	2.5658	66.3973	51.8591	1.2803	1.1638	10.1523
-2.00	0.0761	2.4656	57.5702	45.3424	1.2697	1.1662	9.9627
-1.80	0.2608	2.3805	49.4267	39.2406	1.2596	1.1697	9.8037
-1.60	0.4476	2.3091	42.2240	33.7608	1.2507	1.1741	9.6739
-1.40	0.6363	2.2496	36.0808	28.9939	1.2444	1.1796	9.5707
-1.20	0.8267	2.2004	30.9332	24.9395	1.2403	1.1862	9.4917
-1.00	1.0185	2.1594	26.7712	21.5837	1.2403	1.1939	9.4335
-0.80	1.2115	2.1251	23.4286	18.8790	1.2410	1.2022	9.3909
-0.60	1.4055	2.0956	20.9418	16.7825	1.2478	1.2108	9.3584
-0.40	1.5999	2.0690	19.1446	15.2800	1.2529	1.2192	9.3315
-0.20	1.7946	2.0435	18.1210	14.3704	1.2610	1.2265	9.3014
0.0	1.9889	2.0169	17.8465	14.0670	1.2687	1.2311	9.2581
0.20	2.1823	1.9867	18.4063	14.3869	1.2794	1.2334	9.1969
0.40	2.3743	1.9505	19.7397	15.2986	1.2903	1.2326	9.1096
0.60	2.5643	1.9061	21.7210	16.6684	1.3031	1.2305	8.9975
0.80	2.7519	1.8525	24.0340	18.2286	1.3185	1.2284	8.8629
1.00	2.9372	1.7909	26.1450	19.6237	1.3323	1.2281	8.7133
1.20	3.1208	1.7244	27.6027	20.5182	1.3453	1.2313	8.5612
1.40	3.3038	1.6583	28.0031	20.7119	1.3520	1.2391	8.4219
1.60	3.4881	1.5992	27.2982	20.2033	1.3512	1.2537	8.3190
1.80	3.6758	1.5546	25.6712	19.1128	1.3431	1.2783	8.2821
2.00	3.8698	1.5334	23.4221	17.6418	1.3276	1.3163	8.3469
2.20	4.0735	1.5465	20.8945	15.9901	1.3067	1.3713	8.5559
2.40	4.2906	1.6087	0.0	14.3636	0.0	0.0	0.0

T= 13300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7095	4.0093	0.0	14.0184	0.0	0.0	0.0
-6.80	-4.5099	4.0055	15.7608	11.3969	1.3829	1.3806	13.8684
-6.60	-4.3102	4.0028	14.0083	9.7506	1.4367	1.4328	14.1234
-6.40	-4.1104	4.0008	12.8878	8.7496	1.4730	1.4751	14.3267
-6.20	-3.9106	3.9991	12.3164	8.1796	1.5057	1.5039	14.4628
-6.00	-3.7108	3.9974	12.0530	7.9258	1.5207	1.5192	14.5328
-5.80	-3.5110	3.9952	12.0629	7.9338	1.5204	1.5207	14.5364
-5.60	-3.3113	3.9922	12.4251	8.2054	1.5143	1.5094	14.4769
-5.40	-3.1118	3.9879	13.0543	8.7850	1.4860	1.4853	14.3529
-5.20	-2.9125	3.9814	14.2718	9.7864	1.4583	1.4492	14.1658
-5.00	-2.7136	3.9716	16.0717	11.3904	1.4110	1.4048	13.9302
-4.80	-2.5152	3.9566	18.9767	13.8450	1.3707	1.3566	13.6630
-4.60	-2.3177	3.9341	23.2518	17.4866	1.3297	1.3092	13.3843
-4.40	-2.1214	3.9007	29.3758	22.6301	1.2981	1.2686	13.1190
-4.20	-1.9268	3.8525	37.7036	29.5137	1.2775	1.2357	12.8674
-4.00	-1.7344	3.7853	48.2998	38.0762	1.2685	1.2115	12.6290
-3.80	-1.5448	3.6957	60.5014	47.6480	1.2698	1.1939	12.3879
-3.60	-1.3583	3.5830	72.8785	57.0001	1.2786	1.1820	12.1364
-3.40	-1.1748	3.4494	83.3689	64.6774	1.2890	1.1739	11.8672
-3.20	-0.9939	3.3010	90.2313	69.4301	1.2996	1.1687	11.5832
-3.00	-0.8149	3.1454	92.4216	70.7764	1.3058	1.1653	11.2906
-2.80	-0.6367	2.9910	90.1787	68.9857	1.3072	1.1635	11.0013
-2.60	-0.4586	2.8443	84.4370	64.7923	1.3032	1.1628	10.7253
-2.40	-0.2796	2.7100	76.5016	59.0907	1.2946	1.1631	10.4702
-2.20	-0.0991	2.5907	67.7067	52.6988	1.2848	1.1645	10.2431
-2.00	0.0831	2.4870	58.8541	46.2328	1.2730	1.1667	10.0456
-1.80	0.2674	2.3987	50.6384	40.1106	1.2625	1.1699	9.8789
-1.60	0.4537	2.3243	43.3311	34.5630	1.2537	1.1739	9.7414
-1.40	0.6420	2.2622	37.0474	29.7009	1.2473	1.1793	9.6325
-1.20	0.8320	2.2108	31.7473	25.5537	1.2424	1.1858	9.5485
-1.00	1.0235	2.1681	27.4320	22.0940	1.2416	1.1930	9.4847
-0.80	1.2163	2.1323	23.9648	19.2942	1.2421	1.2013	9.4386
-0.60	1.4100	2.1017	21.3200	17.1040	1.2465	1.2097	9.4034
-0.40	1.6044	2.0745	19.4454	15.5088	1.2538	1.2184	9.3759
-0.20	1.7989	2.0487	18.2560	14.5016	1.2589	1.2259	9.3460
0.0	1.9933	2.0222	17.8921	14.0996	1.2690	1.2312	9.3054
0.20	2.1869	1.9926	18.3047	14.3173	1.2785	1.2336	9.2462
0.40	2.3791	1.9573	19.4993	15.1296	1.2888	1.2335	9.1634
0.60	2.5695	1.9143	21.3897	16.4383	1.3012	1.2316	9.0552
0.80	2.7575	1.8623	23.6720	17.9840	1.3163	1.2296	8.9243
1.00	2.9432	1.8021	25.8516	19.4155	1.3315	1.2292	8.7773
1.20	3.1271	1.7365	27.4080	20.3933	1.3440	1.2321	8.6262
1.40	3.3104	1.6708	27.9760	20.6953	1.3518	1.2399	8.4882
1.60	3.4947	1.6116	27.4195	20.2917	1.3513	1.2542	8.3843
1.80	3.6824	1.5664	25.9069	19.2772	1.3439	1.2785	8.3456
2.00	3.8762	1.5442	23.7321	17.8564	1.3290	1.3160	8.4071
2.20	4.0795	1.5561	21.2286	16.2243	1.3084	1.3703	8.6118
2.40	4.2961	1.6170	0.0	14.6181	0.0	0.0	0.0

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7060	4.0116	0.0	15.5051	0.0	0.0	0.0
-6.80	-4.5065	4.0069	16.8000	12.3368	1.3618	1.3577	13.8068
-6.60	-4.3068	4.0038	14.6134	10.3591	1.4107	1.4128	14.0787

T= 13400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-6.40	-4.1071	4.0015	13.2983	9.1170	1.4586	1.4589	14.3024
-6.20	-3.9073	3.9996	12.5268	8.3939	1.4924	1.4930	14.4653
-6.00	-3.7075	3.9978	12.2012	8.0305	1.5194	1.5131	14.5590
-5.80	-3.5077	3.9958	12.0919	7.9529	1.5204	1.5193	14.5850
-5.60	-3.3080	3.9930	12.3087	8.1385	1.5124	1.5126	14.5478
-5.40	-3.1084	3.9890	12.9104	8.6230	1.4972	1.4920	14.4412
-5.20	-2.9091	3.9830	13.9529	9.4990	1.4689	1.4597	14.2735
-5.00	-2.7101	3.9740	15.5759	10.9215	1.4262	1.4169	14.0467
-4.80	-2.5116	3.9604	18.1545	13.1229	1.3834	1.3690	13.7836
-4.60	-2.3138	3.9398	21.9517	16.4103	1.3377	1.3214	13.5065
-4.40	-2.1172	3.9091	27.5883	21.1192	1.3063	1.2790	13.2362
-4.20	-1.9222	3.8645	35.3122	27.5292	1.2827	1.2443	12.9805
-4.00	-1.7293	3.8018	45.2986	35.6481	1.2707	1.2180	12.7383
-3.80	-1.5390	3.7174	57.0656	44.9323	1.2700	1.1989	12.4967
-3.60	-1.3518	3.6098	69.3634	54.3130	1.2771	1.1858	12.2472
-3.40	-1.1677	3.4805	80.3280	62.3525	1.2883	1.1768	11.9803
-3.20	-0.9862	3.3348	88.0046	67.7507	1.2989	1.1709	11.6970
-3.00	-0.8068	3.1802	91.2198	69.8323	1.3063	1.1672	11.4046
-2.80	-0.6286	3.0249	89.9347	68.7163	1.3088	1.1650	11.1121
-2.60	-0.4505	2.8760	84.9012	65.0487	1.3052	1.1638	10.8299
-2.40	-0.2717	2.7388	77.5009	59.6954	1.2983	1.1641	10.5696
-2.20	-0.0916	2.6160	68.9315	53.4908	1.2887	1.1651	10.3344
-2.00	0.0902	2.5089	60.1183	47.0982	1.2764	1.1670	10.1290
-1.80	0.2740	2.4172	51.8397	40.9685	1.2654	1.1701	9.9553
-1.60	0.4599	2.3398	44.4233	35.3604	1.2563	1.1741	9.8116
-1.40	0.6477	2.2752	37.9980	30.4196	1.2491	1.1792	9.6959
-1.20	0.8374	2.2215	32.5856	26.1730	1.2450	1.1852	9.6053
-1.00	1.0286	2.1770	28.0970	22.6172	1.2423	1.1922	9.5367
-0.80	1.2211	2.1398	24.5387	19.7159	1.2446	1.2001	9.4860
-0.60	1.4146	2.1081	21.7292	17.4323	1.2465	1.2088	9.4495
-0.40	1.6088	2.0801	19.7045	15.7385	1.2520	1.2174	9.4201
-0.20	1.8033	2.0540	18.4264	14.6289	1.2596	1.2250	9.3898
0.0	1.9977	2.0275	17.8953	14.1167	1.2677	1.2310	9.3520
0.20	2.1914	1.9984	18.1618	14.2153	1.2776	1.2339	9.2955
0.40	2.3839	1.9641	19.2103	14.9134	1.2881	1.2341	9.2158
0.60	2.5745	1.9223	20.9807	16.1213	1.3014	1.2327	9.1125
0.80	2.7630	1.8718	23.1402	17.6055	1.3144	1.2309	8.9853
1.00	2.9491	1.8130	25.3197	19.0401	1.3298	1.2308	8.8425
1.20	3.1334	1.7485	26.9357	20.0539	1.3432	1.2335	8.6934
1.40	3.3169	1.6834	27.6708	20.4727	1.3516	1.2408	8.5552
1.60	3.5013	1.6240	27.2467	20.1348	1.3532	1.2554	8.4522
1.80	3.6889	1.5783	25.8803	19.2180	1.3467	1.2791	8.4108
2.00	3.8825	1.5552	23.7847	17.8760	1.3305	1.3158	8.4678
2.20	4.0855	1.5660	21.3533	16.2946	1.3105	1.3694	8.6685
2.40	4.3017	1.6254	0.0	14.7438	0.0	0.0	0.0

T= 13500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.7025	4.0143	0.0	17.2244	0.0	0.0	0.0
-6.80	-4.5031	4.0086	18.0005	13.4503	1.3383	1.3339	13.7392
-6.60	-4.3035	4.0049	15.4197	11.0473	1.3958	1.3913	14.0250
-6.40	-4.1038	4.0023	13.8194	9.5668	1.4445	1.4407	14.2674
-6.20	-3.9040	4.0002	12.8344	8.6542	1.4830	1.4792	14.4531
-6.00	-3.7042	3.9983	12.3478	8.1698	1.5114	1.5053	14.5765

T= 13500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.80	-3.5044	3.9963	12.1834	7.9975	1.5234	1.5170	14.6292
-5.60	-3.3047	3.9937	12.2962	8.0962	1.5188	1.5136	14.6082
-5.40	-3.1051	3.9900	12.7649	8.4903	1.5035	1.4965	14.5185
-5.20	-2.9057	3.9845	13.6035	9.2477	1.4710	1.4674	14.3668
-5.00	-2.7066	3.9762	15.1122	10.5110	1.4377	1.4277	14.1565
-4.80	-2.5080	3.9637	17.3633	12.4832	1.3909	1.3816	13.9040
-4.60	-2.3100	3.9448	20.8945	15.4620	1.3513	1.3336	13.6278
-4.40	-2.1131	3.9167	25.9613	19.7651	1.3135	1.2899	13.3547
-4.20	-1.9177	3.8755	33.0916	25.7182	1.2867	1.2530	13.0931
-4.00	-1.7243	3.8171	42.5104	33.3553	1.2745	1.2247	12.8463
-3.80	-1.5335	3.7377	53.8033	42.3355	1.2709	1.2038	12.6031
-3.60	-1.3455	3.6351	65.9496	51.6826	1.2760	1.1895	12.3552
-3.40	-1.1607	3.5103	77.2504	60.0223	1.2870	1.1797	12.0908
-3.20	-0.9787	3.3676	85.6682	65.9955	1.2981	1.1730	11.8091
-3.00	-0.7990	3.2144	89.9042	68.7978	1.3068	1.1688	11.5165
-2.80	-0.6205	3.0586	89.5364	68.3705	1.3096	1.1664	11.2223
-2.60	-0.4425	2.9079	85.3154	65.2376	1.3078	1.1652	10.9368
-2.40	-0.2639	2.7678	78.4182	60.2554	1.3014	1.1650	10.6690
-2.20	-0.0842	2.6418	70.0930	54.2673	1.2916	1.1656	10.4262
-2.00	0.0973	2.5312	61.4341	47.9622	1.2809	1.1676	10.2143
-1.80	0.2806	2.4362	53.1125	41.8325	1.2696	1.1704	10.0329
-1.60	0.4661	2.3558	45.5635	36.1722	1.2596	1.1741	9.8815
-1.40	0.6535	2.2885	39.0044	31.1471	1.2523	1.1789	9.7594
-1.20	0.8427	2.2326	33.4297	26.8074	1.2470	1.1846	9.6623
-1.00	1.0336	2.1861	28.8003	23.1544	1.2438	1.1915	9.5892
-0.80	1.2258	2.1474	25.0737	20.1579	1.2439	1.1994	9.5352
-0.60	1.4191	2.1145	22.1744	17.7743	1.2476	1.2077	9.4949
-0.40	1.6132	2.0858	20.0039	15.9860	1.2513	1.2164	9.4640
-0.20	1.8076	2.0592	18.6089	14.7747	1.2595	1.2242	9.4338
0.0	2.0020	2.0327	17.9164	14.1522	1.2660	1.2304	9.3964
0.20	2.1958	2.0040	18.0402	14.1353	1.2762	1.2341	9.3439
0.40	2.3885	1.9705	18.9464	14.7169	1.2874	1.2349	9.2683
0.60	2.5795	1.9299	20.5635	15.8250	1.2994	1.2337	9.1682
0.80	2.7683	1.8809	22.6850	17.2471	1.3153	1.2324	9.0461
1.00	2.9548	1.8235	24.8190	18.6806	1.3286	1.2322	8.9063
1.20	3.1395	1.7601	26.5346	19.7603	1.3428	1.2349	8.7594
1.40	3.3232	1.6955	27.3455	20.2369	1.3513	1.2420	8.6222
1.60	3.5078	1.6362	27.1151	20.0305	1.3537	1.2561	8.5178
1.80	3.6953	1.5900	25.8643	19.2041	1.3468	1.2798	8.4756
2.00	3.8887	1.5661	23.8834	17.9172	1.3330	1.3161	8.5300
2.20	4.0914	1.5757	21.5203	16.3873	1.3132	1.3690	8.7264
2.40	4.3071	1.6337	0.0	14.8808	0.0	0.0	0.0

T= 13600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6989	4.0174	0.0	19.2447	0.0	0.0	0.0
-6.80	-4.4996	4.0107	19.3960	14.7587	1.3142	1.3112	13.6755
-6.60	-4.3001	4.0062	16.3460	11.8872	1.3751	1.3686	13.9642
-6.40	-4.1005	4.0032	14.3653	10.0749	1.4259	1.4224	14.2306
-6.20	-3.9007	4.0009	13.1608	8.9693	1.4673	1.4659	14.4422
-6.00	-3.7009	3.9989	12.4386	8.3469	1.4902	1.4959	14.5854
-5.80	-3.5011	3.9968	12.1667	8.0707	1.5075	1.5125	14.6624
-5.60	-3.3014	3.9943	12.2340	8.0820	1.5137	1.5134	14.6622
-5.40	-3.1018	3.9908	12.6293	8.3849	1.5062	1.5015	14.5984

T= 13600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-5.20	-2.9023	3.9858	13.3892	9.0343	1.4820	1.4758	14.4635
-5.00	-2.7032	3.9782	14.6293	10.1523	1.4410	1.4390	14.2687
-4.80	-2.5044	3.9668	16.7263	11.9192	1.4033	1.3937	14.0222
-4.60	-2.3063	3.9494	19.9241	14.6065	1.3641	1.3457	13.7484
-4.40	-2.1092	3.9235	24.5735	18.5390	1.3255	1.3006	13.4712
-4.20	-1.9134	3.8855	31.1357	24.0148	1.2965	1.2621	13.2062
-4.00	-1.7195	3.8311	39.8905	31.1882	1.2790	1.2317	12.9546
-3.80	-1.5281	3.7565	50.6772	39.8110	1.2729	1.2095	12.7117
-3.60	-1.3395	3.6590	62.6215	49.0592	1.2764	1.1936	12.4629
-3.40	-1.1540	3.5388	74.0875	57.6053	1.2861	1.1827	12.2003
-3.20	-0.9714	3.3995	83.1304	64.0866	1.2972	1.1755	11.9214
-3.00	-0.7913	3.2479	88.2845	67.5714	1.3065	1.1707	11.6288
-2.80	-0.6126	3.0921	88.8894	67.8136	1.3108	1.1679	11.3326
-2.60	-0.4345	2.9398	85.4678	65.2511	1.3098	1.1664	11.0432
-2.40	-0.2561	2.7971	79.1188	60.6736	1.3040	1.1660	10.7697
-2.20	-0.0767	2.6679	71.1172	54.9310	1.2947	1.1664	10.5200
-2.00	0.1043	2.5539	62.5998	48.7409	1.2843	1.1681	10.3004
-1.80	0.2873	2.4556	54.2573	42.6357	1.2726	1.1707	10.1114
-1.60	0.4723	2.3722	46.6514	36.9447	1.2627	1.1741	9.9524
-1.40	0.6593	2.3022	39.9372	31.8491	1.2540	1.1787	9.8236
-1.20	0.8481	2.2439	34.2385	27.4258	1.2484	1.1844	9.7218
-1.00	1.0387	2.1955	29.5025	23.6846	1.2456	1.1910	9.6434
-0.80	1.2306	2.1552	25.6297	20.5946	1.2445	1.1987	9.5852
-0.60	1.4237	2.1212	22.6026	18.1276	1.2469	1.2068	9.5414
-0.40	1.6176	2.0915	20.3551	16.2506	1.2526	1.2152	9.5073
-0.20	1.8119	2.0645	18.8166	14.9528	1.2584	1.2235	9.4778
0.0	2.0063	2.0379	18.0443	14.2398	1.2672	1.2295	9.4399
0.20	2.2002	2.0095	18.0296	14.1307	1.2759	1.2338	9.3900
0.40	2.3931	1.9767	18.8160	14.6239	1.2867	1.2352	9.3186
0.60	2.5843	1.9374	20.3259	15.6604	1.2979	1.2345	9.2226
0.80	2.7735	1.8897	22.3538	17.0454	1.3114	1.2331	9.1033
1.00	2.9605	1.8337	24.5374	18.4888	1.3271	1.2330	8.9669
1.20	3.1455	1.7715	26.3274	19.6361	1.3408	1.2356	8.8230
1.40	3.3295	1.7076	27.2798	20.2031	1.3503	1.2426	8.6869
1.60	3.5142	1.6484	27.1917	20.0871	1.3537	1.2564	8.5823
1.80	3.7017	1.6018	26.0696	19.3319	1.3485	1.2797	8.5381
2.00	3.8950	1.5770	24.1696	18.1113	1.3345	1.3160	8.5911
2.20	4.0973	1.5856	21.8390	16.6220	1.3139	1.3675	8.7814
2.40	4.3126	1.6422	0.0	15.1544	0.0	0.0	0.0

T= 13700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6953	4.0212	0.0	21.6846	0.0	0.0	0.0
-6.80	-4.4962	4.0131	21.1663	16.3657	1.2933	1.2895	13.6159
-6.60	-4.2968	4.0078	17.4110	12.9397	1.3455	1.3465	13.9045
-6.40	-4.0972	4.0042	15.1004	10.7712	1.4019	1.4023	14.1830
-6.20	-3.8974	4.0016	13.6799	9.4400	1.4491	1.4502	14.4189
-6.00	-3.6977	3.9995	12.8142	8.6578	1.4801	1.4847	14.5855
-5.80	-3.4979	3.9974	12.4308	8.2520	1.5064	1.5058	14.6848
-5.60	-3.2982	3.9949	12.3645	8.1753	1.5124	1.5122	14.7117
-5.40	-3.0985	3.9917	12.6496	8.3858	1.5085	1.5050	14.6702
-5.20	-2.8990	3.9870	13.2736	8.9311	1.4862	1.4831	14.5549
-5.00	-2.6998	3.9800	14.4163	9.9103	1.4547	1.4485	14.3712
-4.80	-2.5009	3.9695	16.2494	11.4910	1.4141	1.4050	14.1351

T= 13700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.60	-2.3027	3.9536	19.0208	13.9190	1.3665	1.3580	13.8689
-4.40	-2.1053	3.9297	23.3269	17.5147	1.3318	1.3116	13.5887
-4.20	-1.9092	3.8946	29.3638	22.5489	1.3022	1.2716	13.3196
-4.00	-1.7149	3.8440	37.5032	29.2638	1.2816	1.2393	13.0638
-3.80	-1.5229	3.7740	47.7843	37.5009	1.2742	1.2153	12.8185
-3.60	-1.3337	3.6815	59.4337	46.5770	1.2760	1.1981	12.5704
-3.40	-1.1475	3.5659	71.0000	55.2537	1.2850	1.1862	12.3102
-3.20	-0.9643	3.4303	80.5746	62.1832	1.2958	1.1783	12.0335
-3.00	-0.7837	3.2807	86.5410	66.2982	1.3053	1.1728	11.7408
-2.80	-0.6048	3.1252	88.0994	67.1991	1.3110	1.1695	11.4430
-2.60	-0.4267	2.9716	85.5067	65.2077	1.3113	1.1676	11.1491
-2.40	-0.2484	2.8266	79.7653	61.0502	1.3066	1.1669	10.8703
-2.20	-0.0692	2.6943	72.1633	55.5726	1.2985	1.1675	10.6154
-2.00	0.1114	2.5770	63.7584	49.5173	1.2876	1.1688	10.3877
-1.80	0.2940	2.4755	55.4349	43.4460	1.2759	1.1709	10.1903
-1.60	0.4785	2.3890	47.7413	37.7298	1.2653	1.1745	10.0259
-1.40	0.6651	2.3162	40.9317	32.5676	1.2568	1.1787	9.8898
-1.20	0.8536	2.2556	35.0916	28.0636	1.2504	1.1840	9.7816
-1.00	1.0438	2.2052	30.2042	24.2263	1.2467	1.1905	9.6979
-0.80	1.2354	2.1632	26.2177	21.0466	1.2457	1.1976	9.6342
-0.60	1.4283	2.1279	23.0565	18.4882	1.2471	1.2060	9.5884
-0.40	1.6220	2.0974	20.6764	16.5183	1.2517	1.2143	9.5522
-0.20	1.8162	2.0698	19.0276	15.1249	1.2580	1.2224	9.5206
0.0	2.0106	2.0430	18.1096	14.3093	1.2656	1.2291	9.4849
0.20	2.2046	2.0149	17.9528	14.0892	1.2742	1.2336	9.4365
0.40	2.3976	1.9828	18.5879	14.4651	1.2850	1.2357	9.3688
0.60	2.5891	1.9445	19.9546	15.3867	1.2969	1.2358	9.2787
0.80	2.7787	1.8982	21.8808	16.6970	1.3105	1.2345	9.1627
1.00	2.9660	1.8436	24.0118	18.1084	1.3260	1.2345	9.0300
1.20	3.1514	1.7826	25.8228	19.2817	1.3392	1.2370	8.8881
1.40	3.3357	1.7194	26.8855	19.9205	1.3496	1.2441	8.7541
1.60	3.5205	1.6604	26.9407	19.8961	1.3541	1.2578	8.6498
1.80	3.7081	1.6134	25.9593	19.2375	1.3494	1.2808	8.6043
2.00	3.9012	1.5880	24.1707	18.0916	1.3360	1.3164	8.6539
2.20	4.1032	1.5955	21.9256	16.6753	1.3149	1.3671	8.8396
2.40	4.3180	1.6507	0.0	15.2704	0.0	0.0	0.0

T= 13800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6917	4.0257	0.0	23.8353	0.0	0.0	0.0
-6.80	-4.4927	4.0160	22.5348	17.5833	1.2816	1.2689	13.5607
-6.60	-4.2934	4.0097	18.1090	13.5126	1.3402	1.3249	13.8461
-6.40	-4.0939	4.0054	15.2689	10.9199	1.3983	1.3813	14.1300
-6.20	-3.8942	4.0025	13.5762	9.2969	1.4603	1.4326	14.3847
-6.00	-3.6944	4.0001	12.5573	8.3264	1.5081	1.4726	14.5797
-5.80	-3.4947	3.9979	11.9877	7.8138	1.5342	1.4981	14.7014
-5.60	-3.2949	3.9955	11.7881	7.6587	1.5392	1.5092	14.7517
-5.40	-3.0953	3.9924	11.9091	7.7748	1.5318	1.5060	14.7302
-5.20	-2.8958	3.9881	12.4503	8.2455	1.5100	1.4884	14.6357
-5.00	-2.6965	3.9816	13.5373	9.0727	1.4921	1.4575	14.4711
-4.80	-2.4975	3.9719	15.1749	10.4910	1.4465	1.4163	14.2479
-4.60	-2.2991	3.9573	17.7129	12.6751	1.3975	1.3705	13.9898
-4.40	-2.1015	3.9354	21.5304	15.9488	1.3500	1.3233	13.7086
-4.20	-1.9051	3.9028	27.1156	20.6248	1.3147	1.2816	13.4351

T= 13800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-4.00	-1.7104	3.8559	34.7610	26.9007	1.2922	1.2474	13.1744
-3.80	-1.5179	3.7902	44.4942	34.7341	1.2810	1.2215	12.9258
-3.60	-1.3280	3.7026	55.8640	43.6053	1.2811	1.2027	12.6767
-3.40	-1.1412	3.5918	67.4213	52.4055	1.2865	1.1897	12.4182
-3.20	-0.9574	3.4600	77.4612	59.7406	1.2966	1.1809	12.1429
-3.00	-0.7763	3.3128	84.2751	64.4721	1.3072	1.1751	11.8525
-2.80	-0.5971	3.1579	86.8125	66.1097	1.3132	1.1712	11.5528
-2.60	-0.4189	3.0034	85.0613	64.7020	1.3147	1.1690	11.2561
-2.40	-0.2407	2.8562	79.9913	61.0181	1.3109	1.1681	10.9725
-2.20	-0.0618	2.7210	72.7859	55.8775	1.3026	1.1684	10.7109
-2.00	0.1185	2.6005	64.6242	50.0233	1.2919	1.1695	10.4764
-1.80	0.3007	2.4957	56.3859	44.0393	1.2804	1.1715	10.2719
-1.60	0.4848	2.4061	48.6785	38.3456	1.2695	1.1746	10.0989
-1.40	0.6709	2.3306	41.7942	33.1521	1.2607	1.1787	9.9567
-1.20	0.8590	2.2675	35.8358	28.5975	1.2531	1.1836	9.8415
-1.00	1.0489	2.2151	30.8380	24.6951	1.2488	1.1899	9.7526
-0.80	1.2402	2.1715	26.7512	21.4435	1.2475	1.1971	9.6854
-0.60	1.4328	2.1349	23.4882	18.8116	1.2486	1.2050	9.6351
-0.40	1.6264	2.1034	20.9838	16.7637	1.2517	1.2134	9.5970
-0.20	1.8205	2.0751	19.2415	15.2959	1.2580	1.2212	9.5631
0.0	2.0148	2.0481	18.2278	14.3997	1.2658	1.2284	9.5284
0.20	2.2089	2.0201	17.9472	14.0915	1.2736	1.2336	9.4831
0.40	2.4020	1.9887	18.4588	14.3851	1.2832	1.2358	9.4177
0.60	2.5938	1.9514	19.7141	15.2339	1.2941	1.2359	9.3291
0.80	2.7837	1.9065	21.6028	16.5001	1.3093	1.2353	9.2188
1.00	2.9714	1.8533	23.7044	17.9144	1.3232	1.2349	9.0878
1.20	3.1572	1.7934	25.5917	19.1358	1.3374	1.2375	8.9492
1.40	3.3418	1.7310	26.7813	19.8594	1.3485	1.2443	8.8162
1.60	3.5268	1.6722	26.9672	19.9312	1.3530	1.2577	8.7118
1.80	3.7143	1.6250	26.1158	19.3580	1.3491	1.2801	8.6641
2.00	3.9073	1.5989	24.4297	18.2758	1.3367	1.3151	8.7110
2.20	4.1090	1.6054	22.2307	16.8963	1.3157	1.3649	8.8924
2.40	4.3234	1.6592	0.0	15.5419	0.0	0.0	0.0

T= 13900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6880	4.0310	0.0	29.7446	0.0	0.0	0.0
-6.80	-4.4892	4.0195	27.5311	22.3416	1.2323	1.2326	13.4197
-6.60	-4.2900	4.0119	22.2824	17.5359	1.2707	1.2780	13.6518
-6.40	-4.0906	4.0069	18.9076	14.4815	1.3056	1.3239	13.8861
-6.20	-3.8909	4.0034	16.7807	12.4771	1.3449	1.3651	14.0942
-6.00	-3.6912	4.0008	15.4954	11.3997	1.3593	1.3981	14.2590
-5.80	-3.4915	3.9985	14.8672	10.7471	1.3834	1.4208	14.3701
-5.60	-3.2917	3.9961	14.5973	10.4573	1.3959	1.4326	14.4255
-5.40	-3.0921	3.9932	14.5692	10.4560	1.3934	1.4336	14.4251
-5.20	-2.8925	3.9891	14.9992	10.7615	1.3938	1.4247	14.3727
-5.00	-2.6932	3.9831	15.9837	11.5088	1.3888	1.4057	14.2658
-4.80	-2.4941	3.9742	17.3398	12.7631	1.3586	1.3779	14.1081
-4.60	-2.2956	3.9607	19.6319	14.6758	1.3377	1.3436	13.9082
-4.40	-2.0978	3.9405	23.0769	17.6550	1.3071	1.3070	13.6819
-4.20	-1.9012	3.9104	28.1966	21.8594	1.2899	1.2718	13.4450
-4.00	-1.7060	3.8667	35.2059	27.7560	1.2684	1.2418	13.2111
-3.80	-1.5130	3.8053	44.3878	35.0770	1.2654	1.2181	12.9800
-3.60	-1.3226	3.7224	55.1663	43.6145	1.2649	1.2003	12.7436

T= 13900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-3.40	-1.1351	3.6163	66.4952	52.2576	1.2724	1.1877	12.4947
-3.20	-0.9507	3.4886	76.7701	59.7245	1.2854	1.1789	12.2268
-3.00	-0.7691	3.3440	84.0217	64.8060	1.2965	1.1733	11.9421
-2.80	-0.5896	3.1901	87.3471	66.8167	1.3073	1.1694	11.6448
-2.60	-0.4112	3.0350	86.1889	65.8372	1.3091	1.1673	11.3480
-2.40	-0.2331	2.8859	81.5633	62.4265	1.3065	1.1666	11.0624
-2.20	-0.0544	2.7479	74.6271	57.4365	1.2993	1.1665	10.7944
-2.00	0.1256	2.6243	66.5405	51.5587	1.2906	1.1676	10.5536
-1.80	0.3074	2.5163	58.2783	45.5259	1.2801	1.1699	10.3441
-1.60	0.4911	2.4236	50.3470	39.6685	1.2692	1.1728	10.1647
-1.40	0.6768	2.3453	43.2222	34.3315	1.2590	1.1767	10.0155
-1.20	0.8645	2.2798	37.0791	29.6012	1.2526	1.1818	9.8962
-1.00	1.0540	2.2253	31.8942	25.5742	1.2471	1.1879	9.8022
-0.80	1.2451	2.1800	27.6126	22.1810	1.2449	1.1948	9.7302
-0.60	1.4374	2.1420	24.1934	19.4125	1.2463	1.2027	9.6769
-0.40	1.6308	2.1095	21.5136	17.2281	1.2487	1.2110	9.6360
-0.20	1.8248	2.0806	19.6214	15.6328	1.2551	1.2191	9.6020
0.0	2.0191	2.0533	18.4682	14.6204	1.2632	1.2267	9.5685
0.20	2.2131	2.0254	18.0483	14.1888	1.2720	1.2322	9.5245
0.40	2.4064	1.9945	18.3826	14.3571	1.2804	1.2354	9.4636
0.60	2.5985	1.9582	19.5234	15.0877	1.2940	1.2361	9.3797
0.80	2.7887	1.9145	21.2497	16.2620	1.3067	1.2355	9.2723
1.00	2.9767	1.8627	23.2970	17.6303	1.3214	1.2358	9.1470
1.20	3.1629	1.8041	25.1995	18.8613	1.3360	1.2384	9.0117
1.40	3.3478	1.7426	26.4777	19.6406	1.3481	1.2451	8.8805
1.60	3.5330	1.6841	26.7600	19.7800	1.3529	1.2582	8.7762
1.80	3.7206	1.6367	26.0507	19.2925	1.3503	1.2804	8.7278
2.00	3.9134	1.6099	24.4630	18.2823	1.3381	1.3148	8.7714
2.20	4.1149	1.6154	22.3519	16.9780	1.3165	1.3634	8.9474
2.40	4.3288	1.6679	0.0	15.6972	0.0	0.0	0.0

T= 14000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6842	4.0372	0.0	30.9948	0.0	0.0	0.0
-6.80	-4.4857	4.0235	27.8800	22.4846	1.2400	1.2305	13.4628
-6.60	-4.2866	4.0145	21.8551	16.8355	1.2982	1.2818	13.7252
-6.40	-4.0873	4.0086	17.7880	13.2296	1.3446	1.3389	14.0176
-6.20	-3.8877	4.0046	15.2765	10.7829	1.4167	1.3942	14.2970
-6.00	-3.6880	4.0016	13.6023	9.1819	1.4814	1.4424	14.5367
-5.80	-3.4883	3.9992	13.0485	8.8137	1.4805	1.4784	14.7125
-5.60	-3.2886	3.9967	12.3751	8.1059	1.5267	1.4999	14.8144
-5.40	-3.0889	3.9939	12.3850	8.4122	1.4723	1.5054	14.8361
-5.20	-2.8893	3.9900	12.6738	8.4691	1.4965	1.4965	14.7849
-5.00	-2.6899	3.9844	13.3953	8.8672	1.5107	1.4724	14.6555
-4.80	-2.4908	3.9762	14.8349	10.1805	1.4572	1.4376	14.4661
-4.60	-2.2922	3.9638	16.8829	11.9491	1.4129	1.3929	14.2172
-4.40	-2.0942	3.9451	19.8520	14.6796	1.3524	1.3465	13.9452
-4.20	-1.8973	3.9173	24.6520	18.5216	1.3310	1.3018	13.6638
-4.00	-1.7018	3.8767	31.1432	23.9210	1.3019	1.2640	13.3940
-3.80	-1.5083	3.8192	39.8014	31.0899	1.2802	1.2346	13.1383
-3.60	-1.3173	3.7409	50.1859	39.1763	1.2810	1.2128	12.8879
-3.40	-1.1292	3.6396	61.5911	47.8427	1.2874	1.1973	12.6308
-3.20	-0.9442	3.5160	72.1718	55.9220	1.2906	1.1867	12.3595
-3.00	-0.7621	3.3744	80.2465	61.6122	1.3024	1.1794	12.0706

T= 14000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.80	-0.5822	3.2218	84.5056	64.3637	1.3129	1.1750	11.7724
-2.60	-0.4036	3.0664	84.6197	64.2423	1.3172	1.1720	11.4703
-2.40	-0.2255	2.9156	80.8532	61.5066	1.3145	1.1704	11.1771
-2.20	-0.0470	2.7751	74.5417	57.0327	1.3070	1.1701	10.9030
-2.00	0.1327	2.6485	66.7496	51.4551	1.2972	1.1708	10.6547
-1.80	0.3141	2.5372	58.7052	45.6233	1.2867	1.1724	10.4357
-1.60	0.4974	2.4415	50.9333	39.9133	1.2761	1.1751	10.2485
-1.40	0.6827	2.3604	43.7928	34.6344	1.2644	1.1787	10.0926
-1.20	0.8700	2.2924	37.6077	29.9019	1.2577	1.1834	9.9657
-1.00	1.0591	2.2357	32.3498	25.8404	1.2519	1.1892	9.8660
-0.80	1.2499	2.1886	28.0098	22.4267	1.2490	1.1957	9.7883
-0.60	1.4420	2.1492	24.4950	19.5978	1.2499	1.2031	9.7297
-0.40	1.6352	2.1157	21.7531	17.3853	1.2512	1.2114	9.6864
-0.20	1.8290	2.0860	19.7497	15.7162	1.2566	1.2195	9.6507
0.0	2.0233	2.0584	18.4975	14.6361	1.2638	1.2273	9.6170
0.20	2.2173	2.0306	17.9716	14.1316	1.2717	1.2327	9.5728
0.40	2.4108	2.0001	18.2251	14.2067	1.2828	1.2363	9.5146
0.60	2.6030	1.9647	19.1980	14.8483	1.2929	1.2373	9.4337
0.80	2.7935	1.9221	20.8342	15.9475	1.3064	1.2371	9.3302
1.00	2.9820	1.8717	22.8451	17.2845	1.3217	1.2376	9.2088
1.20	3.1684	1.8143	24.7558	18.5263	1.3363	1.2401	9.0758
1.40	3.3537	1.7537	26.1107	19.3645	1.3484	1.2468	8.9468
1.60	3.5391	1.6956	26.5327	19.6069	1.3532	1.2596	8.8426
1.80	3.7267	1.6481	25.9648	19.2052	1.3520	1.2818	8.7942
2.00	3.9194	1.6207	24.4887	18.2863	1.3392	1.3158	8.8358
2.20	4.1207	1.6253	22.4565	17.0366	1.3181	1.3626	9.0041
2.40	4.3341	1.6763	0.0	15.8481	0.0	0.0	0.0

T= 14100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6803	4.0445	0.0	33.0054	0.0	0.0	0.0
-6.80	-4.4821	4.0282	28.9277	23.1505	1.2495	1.2279	13.5047
-6.60	-4.2832	4.0176	21.5446	16.5740	1.2999	1.2849	13.7963
-6.40	-4.0840	4.0106	17.0312	12.3652	1.3773	1.3533	14.1463
-6.20	-3.8845	4.0059	14.1103	9.3064	1.5162	1.4263	14.5143
-6.00	-3.6848	4.0025	11.9248	7.8991	1.5096	1.4961	14.8590
-5.80	-3.4851	3.9998	10.9667	6.9845	1.5702	1.5526	15.1321
-5.60	-3.2854	3.9973	10.4219	6.2555	1.6660	1.5909	15.3127
-5.40	-3.0857	3.9945	10.3466	6.1604	1.6795	1.6059	15.3793
-5.20	-2.8861	3.9909	10.6293	6.5157	1.6313	1.5961	15.3255
-5.00	-2.6867	3.9857	11.2870	6.6663	1.6931	1.5657	15.1687
-4.80	-2.4875	3.9780	12.4648	8.0114	1.5559	1.5179	14.9213
-4.60	-2.2888	3.9666	14.1809	9.6320	1.4723	1.4588	14.6064
-4.40	-2.0907	3.9493	17.2606	11.9063	1.4497	1.3967	14.2611
-4.20	-1.8935	3.9236	21.2696	15.6463	1.3594	1.3390	13.9180
-4.00	-1.6977	3.8858	27.5800	20.5239	1.3438	1.2912	13.6012
-3.80	-1.5037	3.8320	35.6880	27.4269	1.3012	1.2540	13.3110
-3.60	-1.3122	3.7581	45.8795	35.4556	1.2940	1.2270	13.0394
-3.40	-1.1235	3.6615	57.1139	43.9824	1.2986	1.2082	12.7715
-3.20	-0.9379	3.5423	68.0777	52.4283	1.2985	1.1951	12.4938
-3.00	-0.7552	3.4039	76.6917	58.4307	1.3125	1.1864	12.2026
-2.80	-0.5749	3.2530	81.8830	62.1277	1.3180	1.1807	11.9004
-2.60	-0.3962	3.0975	82.7849	62.5206	1.3241	1.1770	11.5940
-2.40	-0.2180	2.9453	79.8820	60.4629	1.3212	1.1748	11.2952

T= 14100

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-2.20	-0.0396	2.8025	74.2959	56.5052	1.3149	1.1740	11.0140
-2.00	0.1398	2.6729	67.0037	51.3585	1.3046	1.1741	10.7570
-1.80	0.3208	2.5586	59.1641	45.6677	1.2955	1.1753	10.5297
-1.60	0.5037	2.4598	51.4414	40.1374	1.2816	1.1774	10.3336
-1.40	0.6886	2.3758	44.3470	34.9338	1.2695	1.1809	10.1707
-1.20	0.8755	2.3053	38.1274	30.1876	1.2630	1.1852	10.0371
-1.00	1.0643	2.2465	32.8141	26.1061	1.2570	1.1905	9.9301
-0.80	1.2548	2.1976	28.3654	22.6259	1.2537	1.1969	9.8479
-0.60	1.4466	2.1567	24.7855	19.7912	1.2524	1.2041	9.7852
-0.40	1.6396	2.1220	22.0220	17.5526	1.2546	1.2120	9.7378
-0.20	1.8333	2.0916	19.9478	15.8535	1.2583	1.2200	9.6998
0.0	2.0274	2.0636	18.6061	14.6980	1.2659	1.2272	9.6628
0.20	2.2215	2.0357	17.9726	14.1219	1.2727	1.2333	9.6212
0.40	2.4151	2.0056	18.1046	14.1340	1.2809	1.2368	9.5637
0.60	2.6075	1.9710	19.0027	14.7114	1.2917	1.2379	9.4850
0.80	2.7983	1.9296	20.5750	15.7676	1.3049	1.2384	9.3866
1.00	2.9871	1.8805	22.5447	17.0904	1.3191	1.2384	9.2666
1.20	3.1739	1.8244	24.4894	18.3694	1.3332	1.2405	9.1351
1.40	3.3595	1.7647	25.9459	19.2784	1.3459	1.2471	9.0081
1.60	3.5451	1.7071	26.5080	19.6005	1.3524	1.2599	8.9054
1.80	3.7328	1.6596	26.0558	19.2880	1.3509	1.2814	8.8549
2.00	3.9255	1.6317	24.7113	18.4295	1.3409	1.3151	8.8950
2.20	4.1264	1.6353	22.7309	17.2458	1.3181	1.3610	9.0588
2.40	4.3394	1.6848	0.0	16.1332	0.0	0.0	0.0

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6763	4.0530	0.0	40.3796	0.0	0.0	0.0
-6.80	-4.4784	4.0338	34.9497	28.8961	1.2095	1.1995	13.4040
-6.60	-4.2798	4.0212	26.5228	21.3600	1.2417	1.2446	13.6321
-6.40	-4.0806	4.0129	21.0957	16.3328	1.2916	1.2976	13.9054
-6.20	-3.8812	4.0074	17.6808	13.1111	1.3485	1.3541	14.1952
-6.00	-3.6817	4.0036	15.3983	11.0995	1.3873	1.4082	14.4687
-5.80	-3.4820	4.0006	14.1214	9.8734	1.4303	1.4526	14.6900
-5.60	-3.2823	3.9980	13.3095	9.1085	1.4612	1.4840	14.8428
-5.40	-3.0826	3.9952	13.0903	8.9034	1.4703	1.5000	14.9174
-5.20	-2.8830	3.9917	13.2172	8.9512	1.4766	1.4989	14.9054
-5.00	-2.6835	3.9868	13.6314	9.4051	1.4494	1.4832	14.8181
-4.80	-2.4843	3.9797	14.7113	10.1987	1.4425	1.4531	14.6537
-4.60	-2.2854	3.9691	16.2959	11.5997	1.4049	1.4142	14.4371
-4.40	-2.0872	3.9531	18.9662	13.8147	1.3729	1.3683	14.1724
-4.20	-1.8898	3.9293	22.8907	17.1225	1.3369	1.3227	13.8920
-4.00	-1.6937	3.8942	28.4060	21.8318	1.3011	1.2819	13.6148
-3.80	-1.4993	3.8439	36.0458	27.9854	1.2880	1.2490	13.3520
-3.60	-1.3073	3.7743	45.5257	35.5705	1.2799	1.2238	13.0966
-3.40	-1.1180	3.6823	56.4228	44.0321	1.2814	1.2056	12.8393
-3.20	-0.9318	3.5674	67.1719	52.0884	1.2896	1.1929	12.5708
-3.00	-0.7485	3.4324	76.1747	58.5283	1.3015	1.1846	12.2875
-2.80	-0.5678	3.2834	81.8236	62.4673	1.3099	1.1788	11.9884
-2.60	-0.3888	3.1283	83.4085	63.3972	1.3156	1.1751	11.6833
-2.40	-0.2106	2.9750	81.0968	61.5962	1.3166	1.1731	11.3839
-2.20	-0.0323	2.8300	75.7109	57.8659	1.3084	1.1723	11.0992
-2.00	0.1469	2.6976	68.6724	52.7244	1.3025	1.1723	10.8364
-1.80	0.3275	2.5802	60.8299	47.0557	1.2927	1.1736	10.6038

T= 14200

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.60	0.5100	2.4784	53.0760	41.4104	1.2817	1.1758	10.4022
-1.40	0.6946	2.3915	45.8155	36.0531	1.2708	1.1790	10.2321
-1.20	0.8811	2.3185	39.3987	31.2323	1.2615	1.1831	10.0924
-1.00	1.0695	2.2574	33.8886	26.9654	1.2567	1.1884	9.9808
-0.80	1.2596	2.2067	29.2590	23.3896	1.2509	1.1946	9.8939
-0.60	1.4512	2.1643	25.5331	20.4083	1.2511	1.2020	9.8285
-0.40	1.6439	2.1284	22.5577	18.0303	1.2511	1.2097	9.7782
-0.20	1.8375	2.0972	20.3504	16.2114	1.2553	1.2178	9.7384
0.0	2.0316	2.0687	18.8686	14.9552	1.2617	1.2251	9.7011
0.20	2.2257	2.0408	18.1126	14.2652	1.2697	1.2315	9.6602
0.40	2.4193	2.0110	18.0949	14.1599	1.2779	1.2359	9.6068
0.60	2.6119	1.9771	18.8719	14.6225	1.2906	1.2380	9.5336
0.80	2.8030	1.9369	20.2870	15.5792	1.3022	1.2383	9.4371
1.00	2.9921	1.8890	22.1733	16.8371	1.3169	1.2388	9.3217
1.20	3.1793	1.8342	24.1160	18.0973	1.3326	1.2411	9.1942
1.40	3.3652	1.7755	25.6106	19.0417	1.3450	1.2473	9.0681
1.60	3.5510	1.7185	26.2792	19.4369	1.3520	1.2599	8.9664
1.80	3.7388	1.6709	25.9397	19.2028	1.3508	1.2810	8.9150
2.00	3.9314	1.6426	24.7034	18.4295	1.3404	1.3136	8.9510
2.20	4.1321	1.6453	22.8434	17.3185	1.3190	1.3582	9.1092
2.40	4.3446	1.6933	0.0	16.3129	0.0	0.0	0.0

T= 14300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6722	4.0628	0.0	44.9882	0.0	0.0	0.0
-6.80	-4.4747	4.0402	38.2343	31.9133	1.1981	1.1863	13.3875
-6.60	-4.2763	4.0254	28.5938	23.1119	1.2372	1.2278	13.5948
-6.40	-4.0773	4.0156	22.2021	17.2643	1.2860	1.2779	13.8528
-6.20	-3.8780	4.0092	18.0572	13.5057	1.3370	1.3341	14.1423
-6.00	-3.6785	4.0047	15.5505	11.1179	1.3987	1.3899	14.4270
-5.80	-3.4788	4.0015	13.9189	9.6351	1.4446	1.4381	14.6694
-5.60	-3.2791	3.9987	13.0123	8.8115	1.4767	1.4730	14.8409
-5.40	-3.0794	3.9959	12.5790	8.3867	1.4999	1.4934	14.9379
-5.20	-2.8798	3.9925	12.5746	8.3522	1.5055	1.4983	14.9561
-5.00	-2.6803	3.9879	12.9395	8.6746	1.4916	1.4869	14.8905
-4.80	-2.4810	3.9812	13.8653	9.4090	1.4736	1.4609	14.7476
-4.60	-2.2821	3.9714	15.4039	10.6870	1.4414	1.4233	14.5387
-4.40	-2.0837	3.9566	17.6834	12.7051	1.3918	1.3782	14.2799
-4.20	-1.8862	3.9345	21.3005	15.7180	1.3552	1.3330	14.0042
-4.00	-1.6898	3.9019	26.4396	20.0454	1.3190	1.2908	13.7235
-3.80	-1.4950	3.8549	33.5093	25.8483	1.2964	1.2562	13.4567
-3.60	-1.3025	3.7893	42.5637	33.1463	1.2841	1.2296	13.1998
-3.40	-1.1126	3.7018	53.1710	41.3697	1.2853	1.2102	12.9432
-3.20	-0.9258	3.5913	63.9867	49.5389	1.2916	1.1964	12.6756
-3.00	-0.7420	3.4600	73.4253	56.4234	1.3013	1.1871	12.3932
-2.80	-0.5608	3.3132	79.8097	60.8579	1.3114	1.1808	12.0953
-2.60	-0.3815	3.1587	82.1996	62.3621	1.3181	1.1767	11.7894
-2.40	-0.2033	3.0046	80.6315	61.1734	1.3181	1.1743	11.4863
-2.20	-0.0251	2.8576	75.9566	57.7684	1.3148	1.1731	11.1961
-2.00	0.1539	2.7225	69.2297	52.9904	1.3065	1.1731	10.9286
-1.80	0.3343	2.6021	61.6028	47.5252	1.2962	1.1743	10.6895
-1.60	0.5164	2.4973	53.9151	41.9465	1.2853	1.1764	10.4812
-1.40	0.7005	2.4076	46.6519	36.6069	1.2744	1.1793	10.3040
-1.20	0.8866	2.3319	40.1508	31.7505	1.2646	1.1830	10.1569

T= 14300

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-1.00	1.0747	2.2687	34.5636	27.4742	1.2580	1.1882	10.0399
-0.80	1.2645	2.2160	29.8470	23.8163	1.2532	1.1942	9.9477
-0.60	1.4558	2.1721	26.0141	20.7717	1.2524	1.2012	9.8775
-0.40	1.6483	2.1350	22.9432	18.3155	1.2527	1.2086	9.8232
-0.20	1.8418	2.1030	20.6250	16.4278	1.2555	1.2167	9.7815
0.0	2.0357	2.0739	19.0287	15.0922	1.2608	1.2244	9.7447
0.20	2.2298	2.0458	18.1808	14.3185	1.2697	1.2311	9.7049
0.40	2.4235	2.0163	18.0708	14.1228	1.2795	1.2357	9.6524
0.60	2.6163	1.9831	18.6936	14.4952	1.2896	1.2383	9.5829
0.80	2.8076	1.9439	19.9980	15.3733	1.3008	1.2389	9.4896
1.00	2.9971	1.8973	21.8151	16.5770	1.3160	1.2394	9.3774
1.20	3.1846	1.8438	23.7365	17.8380	1.3307	1.2423	9.2547
1.40	3.3708	1.7861	25.2800	18.8195	1.3433	1.2485	9.1316
1.60	3.5569	1.7296	26.0646	19.2833	1.3517	1.2606	9.0297
1.80	3.7448	1.6821	25.8540	19.1316	1.3514	1.2815	8.9782
2.00	3.9373	1.6534	24.7103	18.4350	1.3404	1.3136	9.0118
2.20	4.1378	1.6552	22.9498	17.4005	1.3189	1.3560	9.1614
2.40	4.3498	1.7017	0.0	16.5089	0.0	0.0	0.0

T= 14400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6680	4.0741	0.0	50.9136	0.0	0.0	0.0
-6.80	-4.4708	4.0477	42.8536	36.0809	1.1877	1.1745	13.3798
-6.60	-4.2727	4.0303	31.6550	25.9050	1.2220	1.2124	13.5646
-6.40	-4.0739	4.0188	24.2026	19.1454	1.2641	1.2598	13.8074
-6.20	-3.8748	4.0112	19.3794	14.7266	1.3159	1.3140	14.0883
-6.00	-3.6753	4.0061	16.3203	11.9172	1.3695	1.3701	14.3767
-5.80	-3.4757	4.0024	14.4273	10.1579	1.4203	1.4212	14.6355
-5.60	-3.2760	3.9994	13.3598	9.1219	1.4646	1.4606	14.8312
-5.40	-3.0763	3.9965	12.7715	8.5908	1.4866	1.4858	14.9534
-5.20	-2.8767	3.9932	12.6898	8.4519	1.5014	1.4950	14.9936
-5.00	-2.6772	3.9889	12.9915	8.6757	1.4975	1.4885	14.9527
-4.80	-2.4779	3.9827	13.6718	9.3002	1.4700	1.4667	14.8309
-4.60	-2.2789	3.9735	15.0011	10.4297	1.4383	1.4317	14.6364
-4.40	-2.0804	3.9598	17.1988	12.2517	1.4038	1.3889	14.3910
-4.20	-1.8826	3.9393	20.4545	15.0089	1.3628	1.3434	14.1165
-4.00	-1.6860	3.9090	25.2235	18.9945	1.3279	1.3008	13.8372
-3.80	-1.4909	3.8650	31.8332	24.4487	1.3020	1.2639	13.5628
-3.60	-1.2979	3.8033	40.4347	31.3403	1.2902	1.2356	13.3026
-3.40	-1.1075	3.7203	50.6621	39.3772	1.2866	1.2148	13.0455
-3.20	-0.9200	3.6142	61.4130	47.5291	1.2921	1.2003	12.7809
-3.00	-0.7356	3.4866	71.1088	54.6699	1.3007	1.1899	12.4987
-2.80	-0.5540	3.3423	78.0871	59.5347	1.3116	1.1828	12.2010
-2.60	-0.3744	3.1888	81.2026	61.6585	1.3170	1.1785	11.8955
-2.40	-0.1960	3.0340	80.4371	60.9243	1.3203	1.1757	11.5896
-2.20	-0.0178	2.8853	76.3129	57.9460	1.3170	1.1742	11.2947
-2.00	0.1609	2.7477	69.9589	53.4415	1.3091	1.1740	11.0214
-1.80	0.3410	2.6244	62.5405	48.1360	1.2992	1.1747	10.7745
-1.60	0.5228	2.5165	54.8825	42.6145	1.2879	1.1767	10.5597
-1.40	0.7065	2.4240	47.5977	37.2758	1.2769	1.1794	10.3756
-1.20	0.8922	2.3457	41.0421	32.3790	1.2676	1.1833	10.2238
-1.00	1.0799	2.2802	35.3137	28.0397	1.2594	1.1881	10.1000
-0.80	1.2694	2.2256	30.5055	24.3110	1.2548	1.1937	10.0021
-0.60	1.4604	2.1801	26.5237	21.1911	1.2516	1.2003	9.9267

T= 14400

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-0.40	1.6527	2.1418	23.3754	18.6560	1.2530	1.2079	9.8699
-0.20	1.8460	2.1088	20.9507	16.6882	1.2554	1.2158	9.8257
0.0	2.0398	2.0792	19.2648	15.2699	1.2616	1.2236	9.7878
0.20	2.2339	2.0508	18.2922	14.4151	1.2690	1.2305	9.7482
0.40	2.4276	2.0216	18.0513	14.1246	1.2780	1.2356	9.6984
0.60	2.6206	1.9889	18.5364	14.4040	1.2869	1.2384	9.6307
0.80	2.8121	1.9506	19.7561	15.1964	1.3001	1.2397	9.5424
1.00	3.0019	1.9053	21.4773	16.3475	1.3138	1.2408	9.4351
1.20	3.1898	1.8530	23.3768	17.5905	1.3289	1.2431	9.3134
1.40	3.3764	1.7964	24.9752	18.6031	1.3425	1.2493	9.1927
1.60	3.5626	1.7405	25.8382	19.1316	1.3506	1.2616	9.0931
1.80	3.7507	1.6932	25.7543	19.0630	1.3510	1.2822	9.0415
2.00	3.9431	1.6641	24.7541	18.4480	1.3418	1.3138	9.0732
2.20	4.1434	1.6651	23.0585	17.4884	1.3185	1.3544	9.2155
2.40	4.3550	1.7100	0.0	16.7362	0.0	0.0	0.0

T= 14500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6636	4.0871	0.0	57.2905	0.0	0.0	0.0
-6.80	-4.4669	4.0564	47.8775	40.5640	1.1803	1.1641	13.3807
-6.60	-4.2691	4.0360	35.0201	28.9711	1.2088	1.1984	13.5426
-6.40	-4.0705	4.0225	26.5216	21.1779	1.2523	1.2431	13.7694
-6.20	-3.8715	4.0137	20.8766	16.0552	1.3003	1.2956	14.0420
-6.00	-3.6721	4.0077	17.2786	12.7484	1.3554	1.3518	14.3323
-5.80	-3.4726	4.0035	15.0557	10.6990	1.4072	1.4047	14.6029
-5.60	-3.2729	4.0002	13.6848	9.4347	1.4505	1.4488	14.8241
-5.40	-3.0733	3.9972	12.9871	8.7572	1.4830	1.4787	14.9708
-5.20	-2.8736	3.9940	12.7111	8.5055	1.4945	1.4936	15.0397
-5.00	-2.6741	3.9898	12.8586	8.6273	1.4905	1.4911	15.0194
-4.80	-2.4747	3.9840	13.5426	9.1426	1.4813	1.4726	14.9147
-4.60	-2.2756	3.9754	14.6458	10.1372	1.4448	1.4409	14.7374
-4.40	-2.0770	3.9627	16.6244	11.7769	1.4116	1.4001	14.5041
-4.20	-1.8791	3.9436	19.5652	14.2918	1.3690	1.3546	14.2324
-4.00	-1.6822	3.9154	24.0044	17.9612	1.3365	1.3109	13.9508
-3.80	-1.4868	3.8743	30.1806	23.0179	1.3112	1.2728	13.6743
-3.60	-1.2934	3.8163	38.2330	29.5813	1.2925	1.2427	13.4099
-3.40	-1.1024	3.7375	48.0085	37.3051	1.2869	1.2200	13.1491
-3.20	-0.9144	3.6359	58.7124	45.4211	1.2926	1.2041	12.8840
-3.00	-0.7295	3.5121	68.5432	52.7124	1.3003	1.1929	12.6040
-2.80	-0.5473	3.3706	76.0560	58.0553	1.3101	1.1853	12.3081
-2.60	-0.3674	3.2183	79.9432	60.6462	1.3182	1.1806	12.0026
-2.40	-0.1888	3.0633	79.8871	60.4313	1.3219	1.1774	11.6943
-2.20	-0.0107	2.9130	76.3479	57.8941	1.3188	1.1756	11.3953
-2.00	0.1679	2.7730	70.4722	53.6975	1.3124	1.1752	11.1163
-1.80	0.3477	2.6469	63.2877	48.5805	1.3027	1.1757	10.8628
-1.60	0.5291	2.5361	55.7131	43.1480	1.2912	1.1773	10.6402
-1.40	0.7125	2.4407	48.4558	37.8426	1.2805	1.1798	10.4489
-1.20	0.8978	2.3598	41.8055	32.9213	1.2699	1.1833	10.2899
-1.00	1.0852	2.2920	35.9951	28.5364	1.2614	1.1878	10.1601
-0.80	1.2743	2.2354	31.0908	24.7491	1.2562	1.1935	10.0581
-0.60	1.4651	2.1882	27.0235	21.5619	1.2533	1.2000	9.9783
-0.40	1.6571	2.1486	23.7692	18.9599	1.2537	1.2074	9.9183
-0.20	1.8502	2.1147	21.2525	16.9212	1.2560	1.2153	9.8716
0.0	2.0440	2.0844	19.4545	15.4305	1.2608	1.2228	9.8311

T= 14500

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.20	2.2380	2.0559	18.3539	14.4905	1.2666	1.2295	9.7901
0.40	2.4318	2.0267	18.0118	14.1125	1.2763	1.2353	9.7430
0.60	2.6248	1.9946	18.4110	14.2984	1.2876	1.2383	9.6775
0.80	2.8166	1.9572	19.5045	15.0076	1.2996	1.2399	9.5924
1.00	3.0067	1.9130	21.1231	16.0964	1.3123	1.2415	9.4898
1.20	3.1949	1.8620	22.9881	17.3125	1.3278	1.2442	9.3725
1.40	3.3818	1.8064	24.6285	18.3440	1.3426	1.2501	9.2533
1.60	3.5683	1.7513	25.5573	18.9334	1.3499	1.2620	9.1544
1.80	3.7565	1.7041	25.5862	18.9448	1.3506	1.2820	9.1014
2.00	3.9489	1.6747	24.6897	18.4082	1.3412	1.3128	9.1302
2.20	4.1490	1.6750	23.1150	17.5365	1.3181	1.3517	9.2652
2.40	4.3600	1.7182	0.0	16.9421	0.0	0.0	0.0

T= 14600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6591	4.1019	0.0	64.2768	0.0	0.0	0.0
-6.80	-4.4628	4.0664	53.5356	45.5901	1.1743	1.1552	13.3920
-6.60	-4.2654	4.0426	38.8763	32.4733	1.1972	1.1859	13.5292
-6.40	-4.0671	4.0268	29.0449	23.4997	1.2360	1.2268	13.7336
-6.20	-3.8682	4.0164	22.5710	17.5724	1.2845	1.2766	13.9916
-6.00	-3.6689	4.0095	18.3634	13.7304	1.3374	1.3323	14.2808
-5.80	-3.4695	4.0047	15.7152	11.3077	1.3898	1.3868	14.5616
-5.60	-3.2699	4.0011	14.1357	9.8132	1.4405	1.4352	14.8065
-5.40	-3.0702	3.9980	13.1946	8.9681	1.4713	1.4692	14.9754
-5.20	-2.8706	3.9947	12.8286	8.5944	1.4927	1.4885	15.0668
-5.00	-2.6710	3.9907	12.9025	8.6138	1.4979	1.4908	15.0712
-4.80	-2.4716	3.9852	13.3764	9.0230	1.4825	1.4770	14.9911
-4.60	-2.2725	3.9772	14.4576	9.8954	1.4610	1.4481	14.8287
-4.40	-2.0738	3.9653	16.1719	11.3668	1.4227	1.4087	14.6038
-4.20	-1.8757	3.9476	18.8540	13.6558	1.3807	1.3640	14.3380
-4.00	-1.6786	3.9213	22.8681	17.0408	1.3420	1.3197	14.0563
-3.80	-1.4829	3.8830	28.6165	21.7786	1.3140	1.2809	13.7803
-3.60	-1.2890	3.8284	36.2558	27.9621	1.2966	1.2493	13.5128
-3.40	-1.0976	3.7537	45.6815	35.4391	1.2890	1.2254	13.2521
-3.20	-0.9090	3.6564	56.1472	43.4261	1.2929	1.2078	12.9847
-3.00	-0.7235	3.5366	66.1119	50.8773	1.2994	1.1960	12.7079
-2.80	-0.5408	3.3980	74.0852	56.5680	1.3097	1.1878	12.4135
-2.60	-0.3605	3.2472	78.6605	59.6599	1.3185	1.1824	12.1074
-2.40	-0.1818	3.0922	79.3411	59.9948	1.3225	1.1789	11.7972
-2.20	-0.0036	2.9406	76.4749	57.8723	1.3214	1.1770	11.4952
-2.00	0.1749	2.7985	70.9716	53.9924	1.3145	1.1762	11.2103
-1.80	0.3544	2.6696	64.0442	49.0689	1.3052	1.1764	10.9500
-1.60	0.5355	2.5559	56.6271	43.7338	1.2948	1.1779	10.7212
-1.40	0.7185	2.4577	49.3636	38.4509	1.2838	1.1803	10.5238
-1.20	0.9035	2.3742	42.6492	33.5125	1.2726	1.1834	10.3571
-1.00	1.0904	2.3040	36.7608	29.0815	1.2641	1.1878	10.2216
-0.80	1.2792	2.2454	31.7422	25.2301	1.2581	1.1932	10.1138
-0.60	1.4697	2.1966	27.5740	21.9744	1.2548	1.1997	10.0303
-0.40	1.6615	2.1556	24.2142	19.3023	1.2545	1.2066	9.9649
-0.20	1.8544	2.1207	21.6095	17.1958	1.2567	1.2142	9.9150
0.0	2.0480	2.0898	19.7062	15.6372	1.2602	1.2219	9.8738
0.20	2.2420	2.0609	18.5232	14.6235	1.2667	1.2291	9.8339
0.40	2.4358	2.0318	18.0719	14.1728	1.2751	1.2345	9.7857
0.60	2.6290	2.0001	18.3675	14.2895	1.2854	1.2379	9.7225

T= 14600

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
0.80	2.8210	1.9635	19.3774	14.9340	1.2975	1.2401	9.6420
1.00	3.0114	1.9205	20.9514	15.9838	1.3108	1.2413	9.5401
1.20	3.2000	1.8707	22.7964	17.1991	1.3254	1.2442	9.4268
1.40	3.3871	1.8162	24.4701	18.2799	1.3386	1.2505	9.3118
1.60	3.5739	1.7618	25.5380	18.9350	1.3487	1.2623	9.2145
1.80	3.7622	1.7149	25.6827	19.0220	1.3502	1.2819	9.1612
2.00	3.9546	1.6852	24.8977	18.5622	1.3413	1.3120	9.1876
2.20	4.1545	1.6847	23.3927	17.7614	1.3171	1.3487	9.3139
2.40	4.3650	1.7262	0.0	17.3349	0.0	0.0	0.0

T= 14700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6543	4.1188	0.0	71.9666	0.0	0.0	0.0
-6.80	-4.4586	4.0779	59.8600	51.2209	1.1687	1.1472	13.4103
-6.60	-4.2616	4.0502	43.2218	36.3945	1.1876	1.1749	13.5246
-6.40	-4.0636	4.0318	31.9098	26.1430	1.2206	1.2120	13.7052
-6.20	-3.8649	4.0197	24.4299	19.3194	1.2645	1.2586	13.9457
-6.00	-3.6658	4.0116	19.5577	14.8469	1.3173	1.3123	14.2258
-5.80	-3.4664	4.0061	16.4912	12.0181	1.3722	1.3677	14.5130
-5.60	-3.2668	4.0021	14.5623	10.2533	1.4202	1.4184	14.7717
-5.40	-3.0672	3.9988	13.4882	9.2244	1.4622	1.4577	14.9688
-5.20	-2.8675	3.9954	12.9469	8.7184	1.4850	1.4813	15.0835
-5.00	-2.6679	3.9915	12.9211	8.6288	1.4974	1.4883	15.1115
-4.80	-2.4685	3.9863	13.2486	8.9361	1.4826	1.4788	15.0532
-4.60	-2.2693	3.9788	14.2031	9.6829	1.4668	1.4541	14.9132
-4.40	-2.0705	3.9678	15.7147	11.0057	1.4279	1.4173	14.7025
-4.20	-1.8723	3.9513	18.2724	13.0951	1.3954	1.3740	14.4463
-4.00	-1.6750	3.9268	21.9578	16.2117	1.3544	1.3291	14.1642
-3.80	-1.4790	3.8909	27.1476	20.6161	1.3168	1.2890	13.8848
-3.60	-1.2848	3.8396	34.4763	26.4671	1.3026	1.2558	13.6144
-3.40	-1.0929	3.7689	43.4685	33.6246	1.2928	1.2303	13.3509
-3.20	-0.9037	3.6759	53.6384	41.5326	1.2915	1.2118	13.0858
-3.00	-0.7176	3.5602	63.7700	49.0450	1.3002	1.1990	12.8097
-2.80	-0.5345	3.4247	72.1219	55.1028	1.3089	1.1902	12.5173
-2.60	-0.3538	3.2757	77.3127	58.6981	1.3171	1.1841	12.2109
-2.40	-0.1748	3.1209	78.7160	59.5063	1.3228	1.1802	11.8993
-2.20	0.0034	2.9682	76.4901	57.8248	1.3228	1.1781	11.5939
-2.00	0.1818	2.8240	71.4758	54.2671	1.3171	1.1770	11.3038
-1.80	0.3611	2.6926	64.8253	49.5534	1.3082	1.1771	11.0379
-1.60	0.5419	2.5760	57.5137	44.3268	1.2975	1.1782	10.8012
-1.40	0.7245	2.4750	50.2416	39.0773	1.2857	1.1803	10.5967
-1.20	0.9091	2.3888	43.5213	34.1184	1.2756	1.1836	10.4251
-1.00	1.0957	2.3163	37.5549	29.6424	1.2669	1.1878	10.2839
-0.80	1.2842	2.2557	32.4028	25.7300	1.2593	1.1929	10.1702
-0.60	1.4743	2.2051	28.1445	22.4066	1.2561	1.1988	10.0807
-0.40	1.6659	2.1628	24.6557	19.6601	1.2541	1.2057	10.0122
-0.20	1.8586	2.1268	21.9675	17.4781	1.2569	1.2132	9.9590
0.0	2.0521	2.0952	19.9822	15.8419	1.2614	1.2210	9.9168
0.20	2.2460	2.0659	18.6981	14.7495	1.2677	1.2282	9.8762
0.40	2.4399	2.0368	18.1160	14.2129	1.2746	1.2338	9.8285
0.60	2.6331	2.0055	18.2680	14.2350	1.2833	1.2379	9.7692
0.80	2.8253	1.9698	19.1650	14.7919	1.2956	1.2406	9.6921
1.00	3.0160	1.9279	20.6500	15.7771	1.3089	1.2420	9.5937
1.20	3.2049	1.8793	22.4247	16.9472	1.3232	1.2447	9.4824

T= 14700

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
1.40	3.3924	1.8259	24.1120	18.0398	1.3366	1.2507	9.3694
1.60	3.5795	1.7723	25.2498	18.7257	1.3484	1.2622	9.2730
1.80	3.7679	1.7257	25.5044	18.8879	1.3503	1.2819	9.2214
2.00	3.9603	1.6959	24.8351	18.5029	1.3422	1.3114	9.2460
2.20	4.1600	1.6946	23.4420	17.7980	1.3171	1.3454	9.3619
2.40	4.3700	1.7342	0.0	17.5999	0.0	0.0	0.0

T= 14800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6494	4.1378	0.0	80.1496	0.0	0.0	0.0
-6.80	-4.4543	4.0909	66.9198	57.4266	1.1653	1.1404	13.4370
-6.60	-4.2577	4.0589	48.2258	40.7881	1.1824	1.1652	13.5293
-6.40	-4.0600	4.0375	35.2801	29.1663	1.2096	1.1988	13.6868
-6.20	-3.8615	4.0234	26.6777	21.3248	1.2510	1.2428	13.9110
-6.00	-3.6625	4.0141	21.0002	16.1690	1.2988	1.2947	14.1822
-5.80	-3.4632	4.0078	17.3958	12.8538	1.3534	1.3504	14.4726
-5.60	-3.2637	4.0032	15.1387	10.7746	1.4050	1.4023	14.7397
-5.40	-3.0641	3.9996	13.8120	9.5319	1.4490	1.4461	14.9613
-5.20	-2.8645	3.9962	13.1131	8.8754	1.4775	1.4747	15.1024
-5.00	-2.6649	3.9923	12.9200	8.6718	1.4899	1.4860	15.1528
-4.80	-2.4654	3.9873	13.1950	8.8727	1.4871	1.4812	15.1185
-4.60	-2.2662	3.9803	13.9359	9.5077	1.4657	1.4607	15.0003
-4.40	-2.0673	3.9700	15.3582	10.6859	1.4372	1.4266	14.8052
-4.20	-1.8690	3.9546	17.6008	12.5853	1.3985	1.3842	14.5554
-4.00	-1.6715	3.9318	21.0507	15.4476	1.3627	1.3394	14.2765
-3.80	-1.4753	3.8982	25.9814	19.5430	1.3294	1.2977	13.9921
-3.60	-1.2807	3.8500	32.6972	25.0509	1.3052	1.2631	13.7190
-3.40	-1.0883	3.7832	41.2903	31.9050	1.2942	1.2362	13.4536
-3.20	-0.8986	3.6944	51.1579	39.6048	1.2917	1.2166	13.1887
-3.00	-0.7119	3.5827	61.3048	47.1924	1.2990	1.2025	12.9127
-2.80	-0.5282	3.4505	69.9990	53.4881	1.3087	1.1928	12.6211
-2.60	-0.3472	3.3035	75.7651	57.5066	1.3175	1.1862	12.3151
-2.40	-0.1679	3.1493	77.7948	58.8172	1.3227	1.1819	12.0024
-2.20	0.0104	2.9958	76.2239	57.5838	1.3237	1.1794	11.6936
-2.00	0.1887	2.8497	71.7349	54.3719	1.3193	1.1780	11.3984
-1.80	0.3677	2.7157	65.4126	49.8941	1.3110	1.1781	11.1275
-1.60	0.5482	2.5964	58.2480	44.8011	1.3001	1.1790	10.8843
-1.40	0.7305	2.4925	51.0466	39.6068	1.2888	1.1807	10.6723
-1.20	0.9147	2.4037	44.3006	34.6517	1.2785	1.1838	10.4941
-1.00	1.1010	2.3288	38.2479	30.1430	1.2689	1.1877	10.3464
-0.80	1.2891	2.2661	33.0263	26.1798	1.2615	1.1925	10.2270
-0.60	1.4790	2.2138	28.6707	22.7969	1.2577	1.1985	10.1334
-0.40	1.6703	2.1701	25.0952	19.9898	1.2554	1.2054	10.0618
-0.20	1.8628	2.1330	22.2923	17.7415	1.2565	1.2129	10.0062
0.0	2.0562	2.1006	20.2153	16.0371	1.2605	1.2203	9.9605
0.20	2.2500	2.0709	18.8264	14.8718	1.2659	1.2272	9.9175
0.40	2.4439	2.0418	18.1646	14.2549	1.2743	1.2335	9.8726
0.60	2.6372	2.0108	18.2183	14.1962	1.2833	1.2380	9.8155
0.80	2.8296	1.9758	18.9908	14.6737	1.2942	1.2406	9.7399
1.00	3.0205	1.9349	20.3802	15.5889	1.3074	1.2427	9.6466
1.20	3.2097	1.8875	22.1073	16.7379	1.3208	1.2457	9.5392
1.40	3.3975	1.8352	23.8281	17.8307	1.3364	1.2515	9.4281
1.60	3.5849	1.7824	25.0168	18.5810	1.3464	1.2630	9.3339
1.80	3.7735	1.7362	25.3713	18.8108	1.3488	1.2820	9.2813

T= 14800

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
2.00	3.9659	1.7062	24.8120	18.5142	1.3402	1.3110	9.3042
2.20	4.1654	1.7042	23.5391	17.8956	1.3154	1.3423	9.4093
2.40	4.3748	1.7417	C.0	17.9637	0.0	0.0	0.0

T= 14900

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6442	4.1591	0.0	88.8149	0.0	0.0	0.0
-6.80	-4.4498	4.1057	74.5442	64.0847	1.1632	1.1347	13.4728
-6.60	-4.2537	4.0689	53.6510	45.6078	1.1764	1.1567	13.5418
-6.40	-4.0564	4.0441	39.0310	32.5027	1.2009	1.1872	13.6777
-6.20	-3.8581	4.0277	29.1592	23.5620	1.2376	1.2277	13.8807
-6.00	-3.6593	4.0169	22.6516	17.6359	1.2844	1.2771	14.1380
-5.80	-3.4601	4.0096	18.4405	13.7967	1.3366	1.3322	14.4264
-5.60	-3.2607	4.0045	15.7887	11.3679	1.3889	1.3866	14.7087
-5.40	-3.0611	4.0005	14.1737	9.8916	1.4329	1.4327	14.9441
-5.20	-2.8615	3.9970	13.3116	9.0719	1.4673	1.4655	15.1074
-5.00	-2.6619	3.9932	13.0031	8.7453	1.4869	1.4834	15.1922
-4.80	-2.4624	3.9884	13.1258	8.8381	1.4851	1.4827	15.1792
-4.60	-2.2631	3.9817	13.7639	9.3618	1.4702	1.4653	15.0776
-4.40	-2.0642	3.9720	15.0126	10.4025	1.4432	1.4343	14.8991
-4.20	-1.8658	3.9577	17.0407	12.1212	1.4059	1.3932	14.6575
-4.00	-1.6681	3.9364	20.1826	14.7485	1.3684	1.3495	14.3870
-3.80	-1.4716	3.9050	24.7794	18.5454	1.3361	1.3069	14.1014
-3.60	-1.2767	3.8597	31.0538	23.7180	1.3093	1.2706	13.8233
-3.40	-1.0838	3.7965	39.2212	30.2559	1.2963	1.2421	13.5549
-3.20	-0.8936	3.7118	48.8913	37.7538	1.2950	1.2211	13.2891
-3.00	-0.7064	3.6042	58.9313	45.3415	1.2997	1.2062	13.0152
-2.80	-0.5222	3.4755	67.8493	51.8641	1.3082	1.1956	12.7241
-2.60	-0.3407	3.3307	74.1441	56.2921	1.3171	1.1884	12.4187
-2.40	-0.1612	3.1772	76.8790	58.0797	1.3237	1.1839	12.1064
-2.20	0.0172	3.0231	75.9226	57.2955	1.3251	1.1808	11.7937
-2.00	0.1955	2.8754	71.9366	54.4423	1.3213	1.1793	11.4946
-1.80	0.3744	2.7390	65.9451	50.2083	1.3134	1.1789	11.2167
-1.60	0.5546	2.6170	58.9807	45.2594	1.3032	1.1796	10.9672
-1.40	0.7365	2.5104	51.8468	40.1288	1.2920	1.1814	10.7496
-1.20	0.9204	2.4189	45.0742	35.1822	1.2812	1.1842	10.5645
-1.00	1.1063	2.3416	38.9722	30.6482	1.2716	1.1877	10.4096
-0.80	1.2941	2.2768	33.6701	26.6393	1.2639	1.1924	10.2848
-0.60	1.4837	2.2227	29.1934	23.1995	1.2584	1.1982	10.1868
-0.40	1.6748	2.1776	25.5556	20.3312	1.2570	1.2049	10.1110
-0.20	1.8671	2.1393	22.6472	18.0206	1.2567	1.2120	10.0512
0.0	2.0603	2.1061	20.4723	16.2515	1.2597	1.2192	10.0024
0.20	2.2540	2.0760	19.0014	15.0200	1.2651	1.2266	9.9608
0.40	2.4478	2.0467	18.2361	14.3329	1.2723	1.2329	9.9156
0.60	2.6413	2.0161	18.2100	14.2020	1.2822	1.2374	9.8591
0.80	2.8338	1.9817	18.8890	14.6118	1.2927	1.2403	9.7864
1.00	3.0250	1.9418	20.2017	15.4750	1.3054	1.2423	9.6949
1.20	3.2145	1.8956	21.9130	16.6033	1.3198	1.2456	9.5917
1.40	3.4026	1.8445	23.6146	17.7137	1.3331	1.2517	9.4845
1.60	3.5902	1.7925	24.8992	18.5160	1.3447	1.2629	9.3917
1.80	3.7790	1.7467	25.3632	18.8192	1.3477	1.2814	9.3387
2.00	3.9714	1.7166	24.9174	18.6022	1.3395	1.3097	9.3592
2.20	4.1708	1.7139	23.7399	18.0749	1.3134	1.3376	9.4512
2.40	4.3796	1.7491	0.0	18.4742	0.0	0.0	0.0

T= 15000

LOG RHO	LOG P	Z	CP/R	CV/R	GAMMA	GAMMA-E	A/AA
-7.00	-4.6388	4.1828	0.0	93.6573	0.0	0.0	0.0
-6.80	-4.4452	4.1224	78.2048	67.7647	1.1541	1.1308	13.5221
-6.60	-4.2496	4.0803	56.3045	48.2246	1.1675	1.1513	13.5747
-6.40	-4.0527	4.0517	40.9170	34.2582	1.1944	1.1805	13.6973
-6.20	-3.8547	4.0327	30.3661	24.6763	1.2306	1.2190	13.8861
-6.00	-3.6561	4.0201	23.5171	18.3009	1.2850	1.2668	14.1336
-5.80	-3.4570	4.0117	18.9707	14.1555	1.3402	1.3214	14.4197
-5.60	-3.2576	4.0059	16.1032	11.5228	1.3975	1.3771	14.7102
-5.40	-3.0581	4.0016	14.3807	9.9125	1.4508	1.4242	14.9516
-5.20	-2.8585	3.9978	13.4315	9.0020	1.4921	1.4597	15.1294
-5.00	-2.6589	3.9940	13.0467	8.6084	1.5156	1.4817	15.2356
-4.80	-2.4594	3.9893	13.1308	8.6467	1.5186	1.4831	15.2342
-4.60	-2.2601	3.9830	13.7239	9.1187	1.5050	1.4671	15.1397
-4.40	-2.0611	3.9739	14.8305	10.0988	1.4685	1.4379	14.9713
-4.20	-1.8626	3.9605	16.8375	11.7414	1.4340	1.3984	14.7391
-4.00	-1.6647	3.9406	19.8298	14.2760	1.3890	1.3555	14.4750
-3.80	-1.4680	3.9112	24.1791	17.9526	1.3468	1.3129	14.1921
-3.60	-1.2727	3.8687	30.3636	23.0002	1.3201	1.2754	13.9117
-3.40	-1.0795	3.8089	38.2982	29.4252	1.3015	1.2458	13.6426
-3.20	-0.8888	3.7282	47.9412	36.8726	1.3002	1.2240	13.3792
-3.00	-0.7010	3.6247	57.9146	44.5118	1.3011	1.2085	13.1079
-2.80	-0.5163	3.4995	66.9157	51.1913	1.3072	1.1976	12.8215
-2.60	-0.3343	3.3572	73.4264	55.8592	1.3145	1.1897	12.5168
-2.40	-0.1545	3.2047	76.4431	57.9126	1.3200	1.1852	12.2058
-2.20	0.0240	3.0503	75.7290	57.3622	1.3202	1.1816	11.8904
-2.00	0.2022	2.9011	71.9567	54.6841	1.3159	1.1801	11.5881
-1.80	0.3810	2.7625	66.0883	50.5588	1.3072	1.1794	11.3049
-1.60	0.5609	2.6378	59.2332	45.6617	1.2972	1.1796	11.0478
-1.40	0.7425	2.5284	52.1287	40.5400	1.2859	1.1815	10.8247
-1.20	0.9261	2.4344	45.3655	35.5723	1.2753	1.1842	10.6336
-1.00	1.1116	2.3546	39.2766	31.0041	1.2668	1.1874	10.4723
-0.80	1.2991	2.2877	33.9310	26.9491	1.2591	1.1923	10.3435
-0.60	1.4884	2.2318	29.4077	23.4618	1.2534	1.1977	10.2399
-0.40	1.6792	2.1852	25.7472	20.5468	1.2531	1.2042	10.1596
-0.20	1.8713	2.1458	22.8177	18.1910	1.2543	1.2111	10.0962
0.0	2.0643	2.1117	20.5732	16.3788	1.2561	1.2179	10.0441
0.20	2.2580	2.0811	19.0847	15.1054	1.2634	1.2261	10.0044
0.40	2.4518	2.0517	18.2471	14.3774	1.2691	1.2322	9.9580
0.60	2.6453	2.0212	18.1967	14.2056	1.2809	1.2366	9.9018
0.80	2.8380	1.9875	18.8224	14.5799	1.2910	1.2404	9.8337
1.00	3.0294	1.9485	20.1039	15.4181	1.3039	1.2422	9.7438
1.20	3.2192	1.9034	21.8121	16.5374	1.3190	1.2455	9.6433
1.40	3.4077	1.8534	23.4823	17.6601	1.3297	1.2516	9.5389
1.60	3.5955	1.8024	24.7823	18.4925	1.3401	1.2621	9.4460
1.80	3.7845	1.7570	25.2897	18.8372	1.3425	1.2800	9.3923
2.00	3.9769	1.7269	24.8933	18.6645	1.3337	1.3068	9.4084
2.20	4.1761	1.7235	23.7770	18.1892	1.3072	1.3346	9.4988
2.40	4.3842	1.7560	0.0	18.7876	0.0	0.0	0.0

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13. ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from a temperature of 100 to 15,000°K and from a log ρ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are log P, Z, C_p/R, C_v/R, γ, γ_E, and A/AA. Several sources were used in assembling the data.

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tables						
temperature						
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Armed AFS Tem

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