model: ../m8_2401a.bin.jcd T= 3523.73s

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
1.0000	1.0000	1.6630	5.0627E+007	2.3976E+017	1.5556E+002	0.0000	0.0000E+000	0.0000	0.0000	0.0000	0.0000
0.9941	0.9977	1.6630	5.0636E+007	2.3915E+017	1.5512E+002	0.0468	1.9299E-007	0.0000	0.0000	0.0000	0.0000
0.9887	0.9956	1.6631	5.0667E+007	2.3766E+017	1.5396E+002	0.0885	4.4116E-007	0.0000	0.0000	0.0000	0.0000
0.9833	0.9935	1.6631	5.0716E+007	2.3521E+017	1.5208E+002	0.1304	9.3999E-007	0.0000	0.0000	0.0000	0.0000
0.9777	0.9913	1.6631	5.0781E+007	2.3182E+017	1.4951E+002	0.1718	1.5982E-006	1.0461	0.0000	0.0000	0.0000
0.9720	0.9891	1.6631	5.0860E+007	2.2749E+017	1.4626E+002	0.2125	2.3787E-006	1.0425	0.0000	0.0000	0.0000
0.9662	0.9868	1.6632	5.0949E+007	2.2223E+017	1.4239E+002	0.2523	3.2523E-006	1.0396	0.0000	0.0000	0.0000
0.9601	0.9845	1.6632	5.1042E+007	2.1604E+017	1.3792E+002	0.2911	4.1698E-006	1.0368	0.0000	0.0000	0.0000
0.9538	0.9820	1.6632	5.1135E+007	2.0895E+017	1.3291E+002	0.3287	5.0887E-006	1.0341	0.0000	0.0000	0.0000
0.9472	0.9795	1.6633	5.1220E+007	2.0094E+017	1.2740E+002	0.3651	5.9596E-006	1.0313	0.0000	0.0000	0.0000
0.9403	0.9768	1.6633	5.1288E+007	1.9205E+017	1.2144E+002	0.4001	6.7474E-006	1.0284	1.0460	0.0000	0.0000
0.9330	0.9740	1.6634	5.1330E+007	1.8232E+017	1.1510E+002	0.4337	7.4109E-006	1.0254	1.0368	0.0000	0.0000
0.9252	0.9710	1.6635	5.1333E+007	1.7178E+017	1.0844E+002	0.4657	7.9360E-006	1.0223	1.0312	0.0000	0.0000
0.9170	0.9678	1.6636	5.1285E+007	1.6050E+017	1.0151E+002	0.4960	8.3024E-006	1.0189	1.0263	0.0000	0.0000
0.9081	0.9644	1.6637	5.1169E+007	1.4856E+017	9.4396E+001	0.5246	8.4799E-006	1.0154	1.0216	0.0000	0.0000
0.8986	0.9607	1.6637	5.0970E+007	1.3609E+017	8.7157E+001	0.5514	8.4942E-006	1.0116	1.0168	1.0365	0.0000
0.8884	0.9568	1.6638	5.0671E+007	1.2325E+017	7.9874E+001	0.5761	8.3601E-006	1.0074	1.0120	1.0251	0.0000
0.8775	0.9525	1.6639	5.0258E+007	1.1026E+017	7.2636E+001	0.5987	8.1255E-006	1.0030	1.0069	1.0171	0.0000
0.8658	0.9479	1.6640	4.9723E+007	9.7378E+016	6.5540E+001	0.6190	7.8198E-006	0.9983	1.0016	1.0098	0.0000
0.8535	0.9430	1.6642	4.9067E+007	8.4898E+016	5.8682E+001	0.6367	7.5285E-006	0.9932	0.9961	1.0029	1.0184
0.8406	0.9377	1.6643	4.8300E+007	7.3112E+016	5.2158E+001	0.6516	7.2844E-006	0.9878	0.9903	0.9960	1.0074
0.8272	0.9322	1.6644	4.7440E+007	6.2266E+016	4.6047E+001	0.6634	7.1175E-006	0.9821	0.9843	0.9892	0.9982
0.8135	0.9265	1.6644	4.6513E+007	5.2525E+016	4.0409E+001	0.6720	7.0298E-006	0.9761	0.9781	0.9823	0.9897
0.7997	0.9205	1.6645	4.5545E+007	4.3958E+016	3.5273E+001	0.6774	7.0408E-006	0.9700	0.9717	0.9754	0.9817
0.7857	0.9144	1.6646	4.4560E+007	3.6561E+016	3.0651E+001	0.6797	7.0953E-006	0.9637	0.9652	0.9685	0.9738
0.7717	0.9081	1.6647	4.3577E+007	3.0269E+016	2.6534E+001	0.6790	7.1772E-006	0.9572	0.9586	0.9615	0.9661
0.7577	0.9017	1.6647	4.2610E+007	2.4976E+016	2.2901E+001	0.6756	7.2360E-006	0.9506	0.9519	0.9544	0.9585
0.7438	0.8952	1.6648	4.1667E+007	2.0564E+016	1.9719E+001	0.6699	7.2707E-006	0.9439	0.9450	0.9473	0.9510
0.7300	0.8886	1.6648	4.0756E+007	1.6914E+016	1.6952E+001	0.6620	7.3024E-006	0.9371	0.9381	0.9402	0.9435
0.7163	0.8818	1.6648	3.9885E+007	1.3910E+016	1.4557E+001	0.6525	7.3152E-006	0.9302	0.9311	0.9330	0.9360
0.7027	0.8750	1.6647	3.9055E+007	1.1449E+016	1.2495E+001	0.6415	7.2539E-006	0.9233	0.9241	0.9258	0.9285
0.6893	0.8682	1.6645	3.8263E+007	9.4356E+015	1.0728E+001	0.6294	7.1410E-006	0.9162	0.9170	0.9185	0.9210
0.6760	0.8612	1.6642	3.7508E+007	7.7917E+015	9.2170E+000	0.6164	6.9919E-006	0.9091	0.9098	0.9113	0.9135
0.6628	0.8542	1.6638	3.6790E+007	6.4499E+015	7.9286E+000	0.6030	6.8183E-006	0.9020	0.9026	0.9039	0.9060
0.6498	0.8472	1.6634	3.6108E+007	5.3541E+015	6.8308E+000	0.5891	6.6228E-006	0.8948	0.8954	0.8966	0.8984
0.6369	0.8401	1.6630	3.5461E+007	4.4584E+015	5.8961E+000	0.5752	6.4065E-006	0.8875	0.8881	0.8892	0.8909
0.6242	0.8329	1.6627	3.4847E+007	3.7249E+015	5.1003E+000	0.5612	6.1759E-006	0.8802	0.8807	0.8818	0.8834
0.6117	0.8257	1.6627	3.4265E+007	3.1229E+015	4.4225E+000	0.5474	5.9327E-006	0.8729	0.8734	0.8744	0.8758
0.5993	0.8185	1.6628	3.3711E+007	2.6274E+015	3.8445E+000	0.5339	5.6828E-006	0.8656	0.8660	0.8669	0.8683
0.5870	0.8113	1.6632	3.3182E+007	2.2185E+015	3.3512E+000	0.5207	5.4303E-006	0.8582	0.8586	0.8595	0.8607
0.5749	0.8040	1.6637	3.2675E+007	1.8799E+015	2.9293E+000	0.5080	5.1787E-006	0.8508	0.8512	0.8520	0.8532
0.5629	0.7967	1.6642	3.2188E+007	1.5986E+015	2.5678E+000	0.4956	4.9324E-006	0.8434	0.8438	0.8445	0.8456
0.5511	0.7894	1.6648	3.1717E+007	1.3640E+015	2.2573E+000	0.4838	4.6952E-006	0.8360	0.8363	0.8370	0.8381

model: ../m8_2401a.bin.jcd T= 3523.7302

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.5394	0.7821	1.6653	3.1263E+007	1.1679E+015	1.9900E+000	0.4723	4.4684E-006	0.8286	0.8289	0.8295	0.8305
0.5278	0.7747	1.6658	3.0822E+007	1.0033E+015	1.7591E+000	0.4613	4.2541E-006	0.8211	0.8214	0.8220	0.8229
0.5164	0.7673	1.6661	3.0395E+007	8.6459E+014	1.5592E+000	0.4508	4.0513E-006	0.8137	0.8140	0.8145	0.8154
0.5052	0.7600	1.6663	2.9980E+007	7.4741E+014	1.3857E+000	0.4407	3.8598E-006	0.8062	0.8065	0.8070	0.8078
0.4940	0.7526	1.6665	2.9576E+007	6.4805E+014	1.2346E+000	0.4310	3.6787E-006	0.7987	0.7990	0.7995	0.8002
0.4830	0.7452	1.6665	2.9184E+007	5.6354E+014	1.1027E+000	0.4218	3.5069E-006	0.7913	0.7915	0.7920	0.7927
0.4721	0.7378	1.6665	2.8801E+007	4.9141E+014	9.8724E-001	0.4129	3.3438E-006	0.7838	0.7840	0.7844	0.7851
0.4614	0.7303	1.6664	2.8429E+007	4.2967E+014	8.8592E-001	0.4045	3.1883E-006	0.7763	0.7765	0.7769	0.7775
0.4508	0.7229	1.6663	2.8065E+007	3.7665E+014	7.9680E-001	0.3964	3.0398E-006	0.7688	0.7690	0.7694	0.7700
0.4403	0.7155	1.6661	2.7709E+007	3.3099E+014	7.1822E-001	0.3887	2.8974E-006	0.7613	0.7615	0.7618	0.7624
0.4299	0.7080	1.6659	2.7361E+007	2.9155E+014	6.4877E-001	0.3814	2.7603E-006	0.7538	0.7540	0.7543	0.7548
0.4197	0.7006	1.6657	2.7020E+007	2.5738E+014	5.8726E-001	0.3744	2.6282E-006	0.7463	0.7464	0.7468	0.7473
0.4095	0.6931	1.6656	2.6684E+007	2.2771E+014	5.3266E-001	0.3678	2.5003E-006	0.7388	0.7389	0.7392	0.7397
0.3995	0.6857	1.6654	2.6353E+007	2.0187E+014	4.8409E-001	0.3615	2.3760E-006	0.7312	0.7314	0.7317	0.7321
0.3896	0.6782	1.6652	2.6026E+007	1.7931E+014	4.4081E-001	0.3556	2.2544E-006	0.7237	0.7239	0.7241	0.7246
0.3799	0.6707	1.6650	2.5702E+007	1.5957E+014	4.0216E-001	0.3500	2.1347E-006	0.7162	0.7163	0.7166	0.7170
0.3702	0.6633	1.6648	2.5381E+007	1.4224E+014	3.6760E-001	0.3447	2.0156E-006	0.7087	0.7088	0.7090	0.7094
0.3607	0.6558	1.6646	2.5061E+007	1.2701E+014	3.3663E-001	0.3398	1.8963E-006	0.7011	0.7013	0.7015	0.7018
0.3512	0.6483	1.6644	2.4740E+007	1.1357E+014	3.0884E-001	0.3351	1.7753E-006	0.6936	0.6937	0.6939	0.6943
0.3419	0.6408	1.6642	2.4418E+007	1.0171E+014	2.8388E-001	0.3308	1.6506E-006	0.6861	0.6862	0.6864	0.6867
0.3327	0.6333	1.6641	2.4094E+007	9.1202E+013	2.6144E-001	0.3269	1.5209E-006	0.6786	0.6787	0.6788	0.6791
0.3237	0.6259	1.6639	2.3765E+007	8.1880E+013	2.4124E-001	0.3233	1.3818E-006	0.6710	0.6711	0.6713	0.6716
0.3147	0.6184	1.6638	2.3429E+007	7.3591E+013	2.2306E-001	0.3201	1.2282E-006	0.6635	0.6636	0.6637	0.6640
0.3059	0.6109	1.6636	2.3083E+007	6.6203E+013	2.0671E-001	0.3172	1.0535E-006	0.6559	0.6560	0.6562	0.6564
0.2972	0.6034	1.6635	2.2723E+007	5.9606E+013	1.9203E-001	0.3149	8.4577E-007	0.6484	0.6485	0.6486	0.6489
0.2886	0.5959	1.6633	2.2343E+007	5.3701E+013	1.7892E-001	0.3131	5.8540E-007	0.6409	0.6409	0.6411	0.6413
0.2802	0.5883	1.6632	2.1936E+007	4.8402E+013	1.6729E-001	0.3120	2.5097E-007	0.6333	0.6334	0.6335	0.6337
0.2720	0.5808	1.6630	2.1497E+007	4.3634E+013	1.5703E-001	0.3116	-3.7559E-013	0.6257	0.6258	0.6259	0.6261
0.2639	0.5733	1.6629	2.1056E+007	3.9337E+013	1.4754E-001	0.3116	-9.4652E-013	0.6182	0.6183	0.6184	0.6186
0.2559	0.5658	1.6628	2.0624E+007	3.5461E+013	1.3862E-001	0.3118	-1.3960E-012	0.6106	0.6107	0.6108	0.6110
0.2482	0.5583	1.6626	2.0201E+007	3.1963E+013	1.3023E-001	0.3122	-1.8210E-012	0.6031	0.6031	0.6032	0.6034
0.2406	0.5508	1.6625	1.9786E+007	2.8806E+013	1.2233E-001	0.3127	-2.2586E-012	0.5955	0.5956	0.5957	0.5958
0.2331	0.5433	1.6624	1.9379E+007	2.5955E+013	1.1489E-001	0.3134	-2.7125E-012	0.5880	0.5880	0.5881	0.5882
0.2258	0.5357	1.6623	1.8979E+007	2.3379E+013	1.0789E-001	0.3143	-3.1772E-012	0.5804	0.5804	0.5805	0.5807
0.2187	0.5282	1.6623	1.8586E+007	2.1052E+013	1.0130E-001	0.3154	-3.6599E-012	0.5728	0.5729	0.5730	0.5731
0.2117	0.5207	1.6622	1.8200E+007	1.8949E+013	9.5082E-002	0.3167	-4.1661E-012	0.5653	0.5653	0.5654	0.5655
0.2048	0.5132	1.6622	1.7821E+007	1.7048E+013	8.9223E-002	0.3182	-4.6889E-012	0.5577	0.5577	0.5578	0.5579
0.1981	0.5057	1.6622	1.7448E+007	1.5330E+013	8.3699E-002	0.3198	-5.2498E-012	0.5501	0.5502	0.5503	0.5504
0.1915	0.4981	1.6622	1.7081E+007	1.3777E+013	7.8491E-002	0.3216	-5.8613E-012	0.5426	0.5426	0.5427	0.5428
0.1851	0.4906	1.6623	1.6720E+007	1.2373E+013	7.3578E-002	0.3237	-6.5347E-012	0.5350	0.5351	0.5351	0.5352
0.1788	0.4831	1.6625	1.6364E+007	1.1105E+013	6.8945E-002	0.3259	-7.2606E-012	0.5275	0.5275	0.5275	0.5276
0.1726	0.4756	1.6628	1.6014E+007	9.9596E+012	6.4574E-002	0.3283	-8.0729E-012	0.5199	0.5199	0.5200	0.5201
0.1666	0.4681	1.6631	1.5669E+007	8.9247E+012	6.0451E-002	0.3309	-8.9879E-012	0.5123	0.5124	0.5124	0.5125

model: ../m8_2401a.bin.jcd T= 3523.7302

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.1607	0.4606	1.6634	1.5329E+007	7.9901E+012	5.6562E-002	0.3338	-1.0017E-011	0.5048	0.5048	0.5048	0.5049
0.1550	0.4530	1.6636	1.4993E+007	7.1467E+012	5.2893E-002	0.3369	-1.1170E-011	0.4972	0.4972	0.4973	0.4973
0.1493	0.4455	1.6639	1.4661E+007	6.3857E+012	4.9432E-002	0.3401	-1.2478E-011	0.4897	0.4897	0.4897	0.4898
0.1438	0.4380	1.6641	1.4333E+007	5.6996E+012	4.6168E-002	0.3436	-1.3960E-011	0.4821	0.4821	0.4822	0.4822
0.1384	0.4305	1.6643	1.4009E+007	5.0812E+012	4.3090E-002	0.3474	-1.5636E-011	0.4745	0.4746	0.4746	0.4746
0.1332	0.4230	1.6644	1.3689E+007	4.5243E+012	4.0187E-002	0.3513	-1.7542E-011	0.4670	0.4670	0.4670	0.4671
0.1280	0.4155	1.6645	1.3372E+007	4.0232E+012	3.7450E-002	0.3556	-1.9709E-011	0.4594	0.4594	0.4595	0.4595
0.1230	0.4080	1.6645	1.3059E+007	3.5727E+012	3.4871E-002	0.3601	-2.2189E-011	0.4519	0.4519	0.4519	0.4520
0.1181	0.4005	1.6645	1.2749E+007	3.1679E+012	3.2441E-002	0.3648	-2.5027E-011	0.4443	0.4443	0.4444	0.4444
0.1134	0.3930	1.6646	1.2443E+007	2.8046E+012	3.0152E-002	0.3699	-2.8289E-011	0.4368	0.4368	0.4368	0.4369
0.1087	0.3856	1.6646	1.2140E+007	2.4789E+012	2.7997E-002	0.3753	-3.2051E-011	0.4293	0.4293	0.4293	0.4293
0.1042	0.3781	1.6646	1.1841E+007	2.1872E+012	2.5968E-002	0.3810	-3.6400E-011	0.4217	0.4217	0.4217	0.4218
0.0998	0.3706	1.6647	1.1544E+007	1.9263E+012	2.4061E-002	0.3870	-4.1447E-011	0.4142	0.4142	0.4142	0.4142
0.0954	0.3631	1.6647	1.1251E+007	1.6932E+012	2.2267E-002	0.3934	-4.7326E-011	0.4067	0.4067	0.4067	0.4067
0.0913	0.3557	1.6647	1.0961E+007	1.4853E+012	2.0581E-002	0.4002	-5.4179E-011	0.3991	0.3991	0.3992	0.3992
0.0872	0.3482	1.6646	1.0673E+007	1.3001E+012	1.8999E-002	0.4073	-6.2225E-011	0.3916	0.3916	0.3916	0.3917
0.0832	0.3408	1.6644	1.0387E+007	1.1354E+012	1.7514E-002	0.4149	-7.1676E-011	0.3841	0.3841	0.3841	0.3842
0.0794	0.3334	1.6642	1.0105E+007	9.8913E+011	1.6121E-002	0.4229	-8.2831E-011	0.3766	0.3766	0.3766	0.3766
0.0756	0.3259	1.6638	9.8244E+006	8.5955E+011	1.4817E-002	0.4314	-9.6054E-011	0.3691	0.3691	0.3691	0.3691
0.0720	0.3185	1.6633	9.5465E+006	7.4495E+011	1.3596E-002	0.4404	-1.1176E-010	0.3616	0.3616	0.3616	0.3616
0.0685	0.3111	1.6626	9.2710E+006	6.4384E+011	1.2454E-002	0.4499	-1.3050E-010	0.3541	0.3541	0.3541	0.3542
0.0650	0.3037	1.6617	8.9978E+006	5.5480E+011	1.1387E-002	0.4600	-1.5295E-010	0.3466	0.3467	0.3467	0.3467
0.0617	0.2964	1.6606	8.7268E+006	4.7658E+011	1.0392E-002	0.4707	-1.7996E-010	0.3392	0.3392	0.3392	0.3392
0.0585	0.2890	1.6592	8.4581E+006	4.0806E+011	9.4639E-003	0.4820	-2.1260E-010	0.3317	0.3317	0.3317	0.3318
0.0554	0.2817	1.6575	8.1916E+006	3.4820E+011	8.6005E-003	0.4939	-2.5221E-010	0.3243	0.3243	0.3243	0.3243
0.0525	0.2743	1.6553	7.9273E+006	2.9605E+011	7.7980E-003	0.5065	-3.0048E-010	0.3169	0.3169	0.3169	0.3169
0.0496	0.2670	1.6526	7.6651E+006	2.5076E+011	7.0533E-003	0.5198	-3.5956E-010	0.3094	0.3094	0.3095	0.3095
0.0468	0.2598	1.6494	7.4054E+006	2.1157E+011	6.3634E-003	0.5339	-4.3215E-010	0.3020	0.3020	0.3021	0.3021
0.0441	0.2525	1.6457	7.1483E+006	1.7776E+011	5.7254E-003	0.5488	-5.2176E-010	0.2947	0.2947	0.2947	0.2947
0.0415	0.2453	1.6415	6.8941E+006	1.4872E+011	5.1366E-003	0.5646	-6.3299E-010	0.2873	0.2873	0.2873	0.2873
0.0391	0.2380	1.6365	6.6424E+006	1.2387E+011	4.5943E-003	0.5812	-7.7159E-010	0.2800	0.2800	0.2800	0.2800
0.0367	0.2309	1.6300	6.3927E+006	1.0269E+011	4.0961E-003	0.5986	-9.4422E-010	0.2726	0.2726	0.2726	0.2727
0.0344	0.2237	1.6218	6.1448E+006	8.4732E+010	3.6394E-003	0.6167	-1.1600E-009	0.2653	0.2653	0.2654	0.2654
0.0323	0.2166	1.6116	5.8994E+006	6.9578E+010	3.2218E-003	0.6354	-1.4295E-009	0.2581	0.2581	0.2581	0.2581
0.0302	0.2096	1.5998	5.6582E+006	5.6859E+010	2.8412E-003	0.6549	-1.7684E-009	0.2508	0.2508	0.2508	0.2509
0.0282	0.2025	1.5873	5.4231E+006	4.6237E+010	2.4954E-003	0.6752	-2.1966E-009	0.2436	0.2436	0.2436	0.2437
0.0264	0.1956	1.5752	5.1962E+006	3.7410E+010	2.1825E-003	0.6967	-2.7436E-009	0.2365	0.2365	0.2365	0.2365
0.0246	0.1886	1.5652	4.9794E+006	3.0110E+010	1.9007E-003	0.7197	-3.4534E-009	0.2294	0.2294	0.2294	0.2294
0.0229	0.1818	1.5585	4.7738E+006	2.4100E+010	1.6481E-003	0.7449	-4.3894E-009	0.2223	0.2223	0.2223	0.2223
0.0213	0.1750	1.5567	4.5796E+006	1.9170E+010	1.4229E-003	0.7731	-5.6474E-009	0.2152	0.2152	0.2152	0.2152
0.0198	0.1682	1.5603	4.3952E+006	1.5143E+010	1.2231E-003	0.8048	-7.3683E-009	0.2082	0.2082	0.2082	0.2082
0.0183	0.1615	1.5686	4.2175E+006	1.1869E+010	1.0467E-003	0.8407	-9.7491E-009	0.2013	0.2013	0.2013	0.2013
0.0169	0.1549	1.5786	4.0406E+006	9.2229E+009	8.9175E-004	0.8806	-1.3048E-008	0.1944	0.1944	0.1944	0.1944

model: ../m8_2401a.bin.jcd T= 3523.7302

1-r/R	1-tau/T	gamma1	c(cm/s)	p(dyn/cm^2)	den(g/cm^3)	vc(mHz)	N^2(1/s^2)	f0/T	f1/T	f2/T	f3/T
0.0156	0.1484	1.5849	3.8585E+006	7.1016E+009	7.5601E-004	0.9234	-1.7585E-008	0.1875	0.1875	0.1875	0.1875
0.0144	0.1419	1.5823	3.6676E+006	5.4192E+009	6.3745E-004	0.9674	-2.3715E-008	0.1807	0.1807	0.1807	0.1807
0.0132	0.1355	1.5683	3.4701E+006	4.1021E+009	5.3425E-004	1.0111	-3.1867E-008	0.1740	0.1740	0.1740	0.1740
0.0122	0.1293	1.5447	3.2723E+006	3.0831E+009	4.4477E-004	1.0538	-4.2597E-008	0.1673	0.1673	0.1673	0.1673
0.0112	0.1232	1.5153	3.0816E+006	2.3052E+009	3.6783E-004	1.0956	-5.6604E-008	0.1608	0.1608	0.1608	0.1608
0.0103	0.1172	1.4842	2.9032E+006	1.7154E+009	3.0208E-004	1.1370	-7.4933E-008	0.1543	0.1543	0.1543	0.1544
0.0094	0.1114	1.4548	2.7400E+006	1.2718E+009	2.4646E-004	1.1789	-9.9095E-008	0.1480	0.1480	0.1480	0.1480
0.0087	0.1057	1.4290	2.5924E+006	9.3987E+008	1.9985E-004	1.2220	-1.3121E-007	0.1418	0.1418	0.1418	0.1418
0.0080	0.1001	1.4072	2.4588E+006	6.9201E+008	1.6108E-004	1.2669	-1.7437E-007	0.1357	0.1357	0.1357	0.1357
0.0073	0.0947	1.3890	2.3372E+006	5.0783E+008	1.2913E-004	1.3138	-2.3248E-007	0.1297	0.1297	0.1297	0.1297
0.0067	0.0894	1.3732	2.2252E+006	3.7133E+008	1.0298E-004	1.3626	-3.1093E-007	0.1238	0.1238	0.1238	0.1238
0.0061	0.0843	1.3587	2.1212E+006	2.7074E+008	8.1754E-005	1.4127	-4.1619E-007	0.1180	0.1180	0.1180	0.1180
0.0056	0.0793	1.3447	2.0239E+006	1.9682E+008	6.4613E-005	1.4638	-5.5683E-007	0.1123	0.1123	0.1123	0.1123
0.0051	0.0744	1.3307	1.9325E+006	1.4270E+008	5.0845E-005	1.5156	-7.4431E-007	0.1067	0.1067	0.1067	0.1067
0.0047	0.0697	1.3168	1.8470E+006	1.0327E+008	3.9862E-005	1.5678	-9.9348E-007	0.1012	0.1012	0.1012	0.1012
0.0042	0.0651	1.3033	1.7670E+006	7.4577E+007	3.1130E-005	1.6206	-1.3249E-006	0.0957	0.0957	0.0957	0.0957
0.0038	0.0606	1.2904	1.6924E+006	5.3779E+007	2.4229E-005	1.6739	-1.7655E-006	0.0904	0.0904	0.0904	0.0904
0.0035	0.0562	1.2782	1.6228E+006	3.8741E+007	1.8803E-005	1.7279	-2.3511E-006	0.0851	0.0851	0.0851	0.0851
0.0031	0.0520	1.2669	1.5579E+006	2.7887E+007	1.4556E-005	1.7827	-3.1302E-006	0.0799	0.0799	0.0799	0.0799
0.0028	0.0479	1.2564	1.4971E+006	2.0043E+007	1.1236E-005	1.8386	-4.1714E-006	0.0747	0.0747	0.0747	0.0747
0.0025	0.0439	1.2467	1.4399E+006	1.4395E+007	8.6554E-006	1.8957	-5.5622E-006	0.0696	0.0696	0.0696	0.0696
0.0023	0.0400	1.2378	1.3861E+006	1.0341E+007	6.6621E-006	1.9542	-7.4185E-006	0.0645	0.0645	0.0645	0.0645
0.0020	0.0362	1.2296	1.3349E+006	7.4155E+006	5.1168E-006	2.0147	-9.9203E-006	0.0595	0.0595	0.0595	0.0595
0.0017	0.0326	1.2222	1.2861E+006	5.3154E+006	3.9276E-006	2.0775	-1.3294E-005	0.0545	0.0545	0.0545	0.0545
0.0015	0.0290	1.2155	1.2393E+006	3.8100E+006	3.0154E-006	2.1432	-1.7862E-005	0.0494	0.0494	0.0494	0.0494
0.0013	0.0255	1.2095	1.1939E+006	2.7292E+006	2.3159E-006	2.2127	-2.4110E-005	0.0444	0.0444	0.0444	0.0444
0.0011	0.0222	1.2043	1.1494E+006	1.9526E+006	1.7800E-006	2.2876	-3.2770E-005	0.0393	0.0393	0.0393	0.0393
0.0009	0.0189	1.2002	1.1053E+006	1.3949E+006	1.3703E-006	2.3698	-4.4996E-005	0.0342	0.0342	0.0342	0.0342
0.0007	0.0158	1.1975	1.0611E+006	9.9474E+005	1.0580E-006	2.4622	-6.2719E-005	0.0288	0.0288	0.0288	0.0288
0.0006	0.0127	1.1973	1.0163E+006	7.0933E+005	8.2230E-007	2.5695	-8.9295E-005	0.0233	0.0233	0.0233	0.0233
0.0004	0.0098	1.2021	9.6978E+005	5.0388E+005	6.4402E-007	2.7027	-1.3251E-004	0.0171	0.0171	0.0171	0.0171
0.0003	0.0070	1.2200	9.2146E+005	3.5663E+005	5.1243E-007	2.8862	-2.1329E-004	0.0093	0.0093	0.0093	0.0093
0.0002	0.0043	1.2925	8.7335E+005	2.4844E+005	4.2099E-007	3.2253	-4.3422E-004	0.0000	0.0000	0.0000	0.0000
0.0001	0.0017	1.6073	8.2197E+005	1.6427E+005	3.9079E-007	4.2605	-5.9849E-004	0.0000	0.0000	0.0000	0.0000
-0.0000	-0.0007	1.6579	7.6713E+005	1.0058E+005	2.8335E-007	4.7080	4.7583E-004	0.0000	0.0000	0.0000	0.0000
-0.0001	-0.0030	1.6624	7.3980E+005	6.1979E+004	1.8826E-007	4.8943	6.0012E-004	0.0000	0.0000	0.0000	0.0000
-0.0002	-0.0052	1.6625	7.1588E+005	3.8012E+004	1.2331E-007	5.0572	6.5606E-004	0.0000	0.0000	0.0000	0.0000
-0.0003	-0.0073	1.6621	6.9724E+005	2.3156E+004	7.9173E-008	5.1906	8.1124E-004	0.0000	0.0000	0.0000	0.0000
-0.0003	-0.0095	1.6619	6.8700E+005	1.4161E+004	4.9864E-008	5.2665	9.3991E-004	0.0000	0.0000	0.0000	0.0000
-0.0004	-0.0116	1.6617	6.8203E+005	8.6685E+003	3.0966E-008	5.3034	1.0121E-003	0.0000	0.0000	0.0000	0.0000
-0.0005	-0.0137	1.6615	6.7974E+005	5.2869E+003	1.9012E-008	5.3200	1.0476E-003	0.0000	0.0000	0.0000	0.0000
-0.0006	-0.0157	1.6615	6.7876E+005	3.2524E+003	1.1730E-008	5.3268	1.0637E-003	0.0000	0.0000	0.0000	0.0000
-0.0006	-0.0178	1.6616	6.7839E+005	1.9774E+003	7.1396E-009	5.3293	1.0713E-003	0.0000	0.0000	0.0000	0.0000