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THE STEAM-TABLE

A TABLE OF THE THERMAL AND PHYSICAL
PROPERTIES OF SATURATED STEAM-
VAPOR AND OF THE SPECIFIC
HEAT OF WATER

COMPILED FROM VARIOUS SOURCES BY

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THE STEAM-TABLE

NOTES EXPLANATORY OF THE STEAM-TABLE

A BRIEF investigation of the present knowledge of the thermal properties of water and steam leaves much to be desired. The various authorities are far from agreement. In consulting them, either all except one must be discarded as worthless, or else a highly unscientific compromise or average must be effected in order to recognize them all. The following table represents a combination of both courses. Nothing more can be claimed for it than a conscientious effort after probability of truth.

The British thermal unit in which it is expressed is the specific heat of water at 59° Fahrenheit or 15° Centigrade. The mechanical equivalent of heat is taken as 778. The weight of one cubic inch of mercury is taken as 0.4912 pound.

In making use of the steam-table it is first to be noted that the high temperatures and pressures are at the top and the lower ones at the bottom. The index figures from which the table is to be entered are in pressure and temperature both, and are printed in heavy type in the middle of the page. Either index may be used, according to convenience. From a given index the desired value will be found by passing horizontally to right or left. Immediately above the value sought is printed, in small type, the difference needed to carry the value to that for the next

integral index above the one chosen *and of the same sort*. For instance, if it be elected to make use of a pressure-index, and 21 pounds per square inch be the integral pressure involved, opposite 21 pounds will be found the values for that pressure. Above them are the differences required to carry those values to the correct ones for 22 pounds per square inch, irrespective of the fact that the values for 22 pounds lie several lines above. By the aid of this difference any fractional pressures between 21 and 22 pounds may easily be interpolated.

The arrangement of the indexes in pressure and temperature side by side will be found to reduce the need for and the work of interpolation to a minimum.

All pressures near or below atmospheric are expressed in inches of mercury-column, thus avoiding the necessity for translation of observations into pounds per square inch; at the same time the gaps which involve the work and the error of interpolation are reduced by half.

The column of logarithms at the right will be found convenient in handling temperature-ratios, both for entropy calculations and for ordinary purposes. While these are themselves logarithms of ratios, it is plain that the difference between any two is itself the logarithm of the ratio of the corresponding temperatures. This column, in fact, reduces all temperature-calculations to the basis of a scale in which the absolute temperature of melting ice is unity, which is the only natural temperature-scale.

1.0562	1.1	420.6	7	85.18	797.1	1217.7	1.167	400.9	445	905.8	0.6184	0.8800	1.4984	6	0.60871	111
1.0561	0	420.4	2	85.18	797.3	1217.6	1.170	400	444.8	905.6	0.6181	0.8804	1.4985	2	0.60849	22
1.0560	1	420.1	3	85.18	797.5	1217.5	1.173	399	444.5	905.3	0.6179	0.8808	1.4987	3	0.60816	33
1.0560	2	419.9	1	85.19	797.6	1217.5	1.176	398	444.3	905.1	0.6175	0.8813	1.4988	1	0.60794	22
1.0559	3	419.6	2	85.19	797.8	1217.4	1.179	397	444.0	904.8	0.6172	0.8817	1.4990	2	0.60761	33
1.0559	1.0	419.6	7	85.19	797.8	1217.4	1.179	396.8	444	904.8	0.6172	0.8818	1.4990	6	0.60761	110
1.0559	2	419.4	2	85.19	798.0	1217.3	1.182	396	443.8	904.6	0.6170	0.8821	1.4991	1	0.60739	22
1.0558	3	419.1	1	85.19	798.2	1217.2	1.185	395	443.5	904.3	0.6167	0.8826	1.4993	2	0.60706	33
1.0558	1	418.8	2	85.20	798.3	1217.1	1.188	394	443.3	904.1	0.6164	0.8830	1.4994	1	0.60684	22
1.0557	2	418.6	2	85.20	798.5	1217.0	1.191	393	443.0	903.8	0.6161	0.8834	1.4996	2	0.60650	34
1.0557	1.1	418.5	7	85.20	798.5	1217.0	1.191	392.8	443	903.8	0.6160	0.8835	1.4996	6	0.60650	111
1.0557	3	418.3	1	85.20	798.7	1216.9	1.194	392	442.8	903.6	0.6158	0.8839	1.4997	1	0.60628	22
1.0556	1	418.0	2	85.20	798.8	1216.9	1.197	391	442.6	903.4	0.6155	0.8843	1.4999	2	0.60606	22
1.0556	2	417.8	1	85.21	799.0	1216.8	1.200	390	442.3	903.1	0.6152	0.8848	1.5000	1	0.60573	33
1.0555	3	417.5	0	85.21	799.2	1216.7	1.203	389	442.1	902.9	0.6149	0.8852	1.5002	2	0.60551	22
1.0554	1.0	417.5	7	85.21	799.2	1216.7	1.203	388.8	442	902.8	0.6149	0.8853	1.5002	6	0.60540	110
1.0554	1	417.2	1	85.21	799.3	1216.6	1.206	388	441.8	902.6	0.6147	0.8856	1.5003	1	0.60517	34
1.0553	2	417.0	2	85.21	799.5	1216.5	1.209	387	441.5	902.3	0.6144	0.8861	1.5004	1	0.60484	33
1.0553	3	416.7	1	85.22	799.7	1216.4	1.212	386	441.3	902.1	0.6140	0.8865	1.5005	2	0.60462	22

I.0552	416.4	714.7	85.22	799.9	1216.3	1.215	385	441.0	901.8	0.6137	0.8870	1.5007	0.60429
I.0552	416.4	714.7	85.22	799.9	1216.3	1.215	384.9	441	901.8	0.6137	0.8870	1.5007	0.60429
I.0552	416.2	714.8	85.22	800.1	1216.2	1.218	384	440.8	901.6	0.6134	0.8874	1.5008	0.60407
I.0551	415.9	715.0	85.22	800.2	1216.2	1.221	383	440.5	901.3	0.6131	0.8879	1.5010	0.60373
I.0550	415.7	715.2	85.23	800.4	1216.1	1.225	382	440.3	901.1	0.6128	0.8883	1.5012	0.60351
I.0550	415.4	715.4	85.23	800.6	1216.0	1.228	381.0	440	900.8	0.6125	0.8888	1.5013	0.60318
I.0550	415.4	715.4	85.23	800.6	1216.0	1.228	381	440.0	900.8	0.6125	0.8888	1.5013	0.60318
I.0549	415.1	715.5	85.23	800.8	1215.9	1.231	380	439.7	900.5	0.6122	0.8893	1.5015	0.60285
I.0548	414.8	715.7	85.23	801.0	1215.8	1.234	379	439.5	900.3	0.6120	0.8897	1.5016	0.60262
I.0548	414.5	715.9	85.24	801.2	1215.8	1.237	378	439.2	900.0	0.6117	0.8902	1.5018	0.60228
I.0547	414.3	716.1	85.24	801.3	1215.7	1.240	377.1	439	899.8	0.6114	0.8906	1.5019	0.60207
I.0547	414.2	716.1	85.24	801.4	1215.7	1.240	377	439.0	899.8	0.6113	0.8906	1.5019	0.60207
I.0547	414.0	716.3	85.24	801.6	1215.6	1.244	376	438.7	899.5	0.6110	0.8911	1.5021	0.60173
I.0546	413.7	716.4	85.24	801.7	1215.5	1.247	375	438.5	899.3	0.6107	0.8915	1.5022	0.60151
I.0545	413.4	716.6	85.24	801.9	1215.4	1.250	374	438.2	899.0	0.6104	0.8920	1.5024	0.60118
I.0545	413.2	716.8	85.24	802.0	1215.3	1.254	373.2	438	898.8	0.6102	0.8923	1.5025	0.60096
I.0545	413.2	716.8	85.24	802.0	1215.3	1.254	373.2	437.9	898.7	0.6101	0.8924	1.5025	0.60084
I.0544	412.9	717.0	85.24	802.2	1215.2	1.257	372	437.7	898.5	0.6098	0.8929	1.5027	0.60062
I.0543	412.6	717.1	85.25	802.4	1215.1	1.261	371	437.4	898.2	0.6095	0.8934	1.5028	0.60029

1.0543	412.4	² 717.3	⁰ 85.25	¹ 802.5	¹ 1215.0	³ 1.264	370	² 437.2	² 898.0	⁴ 0.6091	⁴ 0.8938	¹ 1.5029	²² 0.60007
1.0542	^{1,0} 412.2	⁶ 717.4	¹ 85.25	⁰ 802.6	⁴ 1214.9	¹³ 1.266	^{3,8} 369.4	437	^{1,0} 897.8	¹³ 0.6089	¹⁸ 0.8941	⁵ 1.5030	¹¹² 0.59984
1.0542	³ 412.1	² 717.5	⁰ 85.25	² 802.7	¹ 1214.9	³ 1.267	369	³ 436.9	³ 897.7	³ 0.6088	⁵ 0.8943	² 1.5031	³⁴ 0.59973
1.0542	³ 411.8	² 717.7	⁰ 85.25	² 802.9	¹ 1214.8	⁴ 1.271	368	³ 436.6	³ 897.4	³ 0.6085	⁵ 0.8948	² 1.5033	³³ 0.59940
1.0541	³ 411.5	² 717.9	¹ 85.26	¹ 803.1	¹ 1214.7	³ 1.274	367	² 436.4	² 897.2	² 0.6082	⁴ 0.8952	² 1.5035	²³ 0.59917
1.0540	³ 411.2	² 718.1	⁰ 85.26	³ 803.3	¹ 1214.6	⁴ 1.278	366	³ 436.1	³ 896.9	³ 0.6079	⁵ 0.8957	³³ 1.5036	¹¹¹ 0.59884
1.0540	^{1,1} 411.1	⁷ 718.1	¹ 85.26	⁸ 803.4	³ 1214.6	¹³ 1.279	^{3,8} 365.6	436	^{1,0} 896.8	¹² 0.6077	¹⁸ 0.8959	⁷ 1.5037	²² 0.59873
1.0540	³ 410.9	¹ 718.2	⁰ 85.26	² 803.5	¹ 1214.5	³ 1.281	365	² 435.9	² 896.7	⁴ 0.6075	⁵ 0.8962	² 1.5038	²² 0.59862
1.0539	² 410.7	² 718.4	⁰ 85.26	² 803.7	¹ 1214.4	⁴ 1.284	364	³ 435.6	³ 896.4	³ 0.6072	⁵ 0.8967	¹ 1.5039	³⁴ 0.59828
1.0538	³ 410.4	² 718.6	¹ 85.27	² 803.9	¹ 1214.3	⁴ 1.288	363	³ 435.3	³ 896.1	³ 0.6069	⁴ 0.8971	³³ 1.5041	²³ 0.59795
1.0538	² 410.2	⁷ 718.8	⁰ 85.27	² 804.1	¹ 1214.2	⁴ 1.292	362	² 435.1	² 895.9	² 0.6066	⁵ 0.8976	¹ 1.5042	¹¹¹ 0.59772
1.0538	^{1,0} 410.1	⁷ 718.8	¹ 85.27	⁷ 804.1	⁴ 1214.2	¹³ 1.292	^{3,8} 361.8	435	^{1,0} 895.8	¹¹ 0.6066	¹⁸ 0.8977	⁶ 1.5043	³³ 0.59762
1.0537	³ 409.9	² 719.0	⁰ 85.27	⁰ 804.3	¹ 1214.1	³ 1.295	361	³ 434.8	³ 895.6	³ 0.6063	⁵ 0.8981	² 1.5044	³³ 0.59739
1.0536	³ 409.6	² 719.2	¹ 85.27	² 804.5	⁰ 1214.1	⁴ 1.299	360	³ 434.5	³ 895.3	³ 0.6060	⁵ 0.8986	³⁴ 1.5046	³⁴ 0.59705
1.0536	³ 409.3	² 719.4	¹ 85.28	² 804.7	¹ 1214.0	⁴ 1.303	359	³ 434.2	³ 895.0	³ 0.6057	⁵ 0.8991	¹ 1.5047	³³ 0.59672
1.0535	^{1,1} 409.0	⁷ 719.5	¹ 85.28	⁷ 804.8	³ 1213.9	¹⁴ 1.306	^{3,7} 358.1	434	^{1,0} 894.8	¹² 0.6054	¹⁸ 0.8995	⁶ 1.5049	¹¹² 0.59650
1.0535	³ 409.0	² 719.6	⁰ 85.28	¹ 804.8	³ 1213.9	³ 1.306	358	² 434.0	² 894.8	⁴ 0.6053	⁵ 0.8996	² 1.5049	²² 0.59650
1.0535	³ 408.7	² 719.8	⁰ 85.28	² 805.0	¹ 1213.8	⁴ 1.310	357	³ 433.7	³ 894.5	³ 0.6050	⁴ 0.9000	¹ 1.5050	³⁴ 0.59616
1.0534	³ 408.4	² 720.0	⁰ 85.28	² 805.2	¹ 1213.7	³ 1.313	356	³ 433.4	³ 894.2	³ 0.6047	⁵ 0.9005	² 1.5052	³⁴ 0.59582

I.0533	408.2	2	720.2	85.28	0	805.4	2	805.4	1213.6	I	1.317	4	355	433.2	2	894.0	2	0.6044	3	0.9010	5	1.5054	2	0.59560	22
I.0533	408.0	10	720.3	85.28	4	805.6	8	805.6	1213.5	4	1.319	13	354.4	433	3	893.8	10	0.6042	12	0.9013	18	1.5055	6	0.59538	112
I.0533	407.9	3	720.4	85.28	I	805.6	2	805.6	1213.5	I	1.320	3	354	432.9	3	893.7	3	0.6041	3	0.9015	5	1.5055	1	0.59527	33
I.0532	407.6	3	720.6	85.29	I	805.8	2	805.8	1213.4	I	1.324	4	353	432.6	3	893.4	3	0.6037	4	0.9020	5	1.5057	2	0.59493	34
I.0531	407.3	3	720.8	85.29	0	806.0	2	806.0	1213.3	I	1.328	4	352	432.4	2	893.2	2	0.6034	3	0.9025	5	1.5059	2	0.59471	22
I.0531	407.0	3	721.0	85.29	0	806.2	2	806.2	1213.2	I	1.332	4	351	432.1	3	892.9	3	0.6031	3	0.9030	5	1.5061	2	0.59437	34
I.0530	406.9	I, I	721.0	85.29	I	806.3	7	806.3	1213.2	3	1.333	14	350.7	432	10	892.8	3	0.6030	12	0.9031	18	1.5062	7	0.59426	112
I.0530	406.7	I	721.1	85.29	0	806.4	2	806.4	1213.1	I	1.336	4	350	431.8	3	892.6	3	0.6028	3	0.9035	5	1.5063	2	0.59403	34
I.0529	406.4	3	721.3	85.29	0	806.6	2	806.6	1213.1	0	1.339	3	349	431.5	3	892.3	3	0.6025	3	0.9040	5	1.5065	2	0.59370	33
I.0529	406.1	3	721.5	85.30	I	806.8	2	806.8	1213.0	I	1.343	4	348	431.2	3	892.0	3	0.6021	4	0.9045	5	1.5066	1	0.59336	34
I.0528	405.9	I, 0	721.7	85.30	I	807.0	7	807.0	1212.9	3	1.347	14	347.1	431	10	891.8	3	0.6019	11	0.9049	18	1.5068	6	0.59314	112
I.0528	405.8	I	721.7	85.30	0	807.0	2	807.0	1212.9	I	1.347	4	347	431.0	2	891.8	2	0.6018	2	0.9050	5	1.5068	2	0.59314	22
I.0527	405.6	2	721.9	85.30	0	807.2	2	807.2	1212.8	I	1.351	4	346	430.7	3	891.5	3	0.6015	3	0.9055	5	1.5070	2	0.59280	34
I.0527	405.3	3	722.1	85.31	I	807.4	2	807.4	1212.7	I	1.355	4	345	430.4	3	891.2	3	0.6012	3	0.9060	5	1.5071	1	.059246	34
I.0526	405.0	3	722.4	85.31	0	807.7	3	807.7	1212.6	I	1.359	4	344	430.2	2	891.0	2	0.6009	3	0.9065	5	1.5073	2	0.59224	22
I.0526	404.8	I, I	722.5	85.31	I	807.8	8	807.8	1212.6	3	1.361	14	343.4	430	10	890.8	10	0.6007	12	0.9068	19	1.5074	6	0.59202	112
I.0525	404.7	I	722.6	85.31	0	807.9	2	807.9	1212.6	0	1.363	4	343	429.9	3	890.7	3	0.6005	4	0.9070	5	1.5075	2	0.59190	34
I.0525	404.4	3	722.8	85.31	0	808.1	2	808.1	1212.5	I	1.367	4	342	429.6	3	890.4	3	0.6002	3	0.9075	5	1.5077	2	0.59157	33
I.0524	404.1	I	723.0	85.31	0	808.3	2	808.3	1212.4	I	1.370	3	341	429.3	3	890.1	3	0.5999	3	0.9080	5	1.5079	2	0.59123	34

I.0523	1	403.8	2	723.2	0	808.5	1	1212.3	4	1.374	3	429.0	3	889.8	4	0.5995	5	0.9085	1	1.5080	34	0.59089
I.0523	1	403.8	7	723.2	0	808.5	4	1212.3	14	1.374	1.0	429.0	18	889.8	12	0.5995	18	0.9085	7	1.5080	113	0.59089
I.0523	3	403.8	2	723.2	0	808.5	1	1212.2	5	1.375	339.8	429	2	889.8	3	0.5995	5	0.9086	2	1.5081	22	0.59089
I.0523	3	403.5	2	723.4	1	808.7	1	1212.2	5	1.379	339	428.8	2	889.6	3	0.5992	5	0.9090	2	1.5082	34	0.59067
I.0522	3	403.2	2	723.6	1	808.9	1	1212.1	4	1.383	338	428.5	3	889.3	3	0.5989	5	0.9095	2	1.5084	34	0.59033
I.0521	1	402.9	2	723.8	0	809.1	1	1212.0	4	1.387	337	428.2	3	889.0	4	0.5985	6	0.9101	2	1.5086	34	0.58999
I.0521	2	402.7	7	723.9	1	809.2	3	1211.9	15	1.390	336.3	428	2	888.8	12	0.5983	18	0.9104	6	1.5087	112	0.58977
I.0521	0	402.6	1	723.9	0	809.3	1	1211.9	4	1.391	336	427.9	3	888.7	3	0.5982	5	0.9106	2	1.5088	34	0.58965
I.0520	1	402.3	2	724.1	0	809.5	1	1211.8	4	1.395	335	427.6	3	888.4	3	0.5979	5	0.9111	2	1.5090	33	0.58932
I.0519	1	402.0	2	724.3	0	809.7	1	1211.7	4	1.399	334	427.4	2	888.2	4	0.5975	5	0.9116	2	1.5092	23	0.58909
I.0519	0	401.7	2	724.5	0	809.9	1	1211.6	4	1.403	333	427.1	3	887.9	3	0.5972	6	0.9122	2	1.5094	34	0.58875
I.0518	3	401.7	7	724.6	0	809.9	3	1211.6	14	1.404	332.8	427	3	887.8	10	0.5971	19	0.9127	7	1.5094	113	0.58864
I.0518	1	401.4	2	724.7	0	810.1	1	1211.5	4	1.407	332	426.8	3	887.6	3	0.5969	5	0.9127	1	1.5095	33	0.58842
I.0517	1	401.1	2	724.9	1	810.3	1	1211.4	4	1.411	331	426.5	3	887.3	4	0.5965	5	0.9132	2	1.5097	34	0.58808
I.0517	0	400.8	2	725.1	0	810.5	1	1211.3	5	1.416	330	426.2	3	887.0	3	0.5962	5	0.9137	2	1.5099	34	0.58774
I.0516	1	400.6	7	725.3	1	810.6	4	1211.2	15	1.419	329.3	426	3	886.8	12	0.5959	18	0.9141	6	1.5100	113	0.58751
I.0516	1	400.5	2	725.3	0	810.7	1	1211.2	4	1.420	329	425.9	3	886.7	4	0.5958	6	0.9143	2	1.5101	34	0.58740
I.0515	1	400.2	3	725.6	0	810.9	1	1211.1	4	1.424	328	425.6	3	886.4	3	0.5955	5	0.9148	2	1.5103	34	0.58706
I.0514	3	399.9	2	725.8	0	811.1	1	1211.0	5	1.429	327	425.4	3	886.2	3	0.5952	5	0.9153	2	1.5105	22	0.58684
I.0514	0	399.6	2	726.0	0	811.3	1	1210.9	4	1.433	326	425.1	3	885.9	4	0.5948	6	0.9159	2	1.5107	34	0.58650

1.0514	1.0	399.6	8	85.33	8	811.4	3	1.434	15	3 ⁵	425	1.0	0.5947	12	0.9160	19	1.5107	7	0.58639	112	
1.0513	1	399.3	2	85.33	0	811.5	0	1.437	4	325.8	3	885.8	3	0.5945	5	0.9164	5	1.5109	34	0.58616	34
1.0512	1	399.0	2	85.34	1	811.7	1	1.442	5	325	3	885.3	4	0.5941	6	0.9170	6	1.5111	34	0.58582	34
1.0511	3	398.7	2	85.34	0	812.0	1	1.446	4	324	3	885.0	3	0.5938	5	0.9175	5	1.5113	34	0.58548	34
1.0511	1	398.5	7	85.34	1	812.1	3	1.449	15	3 ⁵	3	884.8	11	0.5936	19	0.9179	7	1.5114	113	0.58526	113
1.0511	1	398.4	2	85.34	0	812.2	1	1.451	5	322	3	884.7	4	0.5934	5	0.9180	5	1.5115	34	0.58514	34
1.0510	1	398.1	2	85.34	0	812.4	1	1.455	4	321	3	884.4	3	0.5931	6	0.9186	6	1.5117	34	0.58480	34
1.0510	3	397.8	2	85.35	1	812.6	1	1.460	5	320	3	884.1	4	0.5927	5	0.9191	5	1.5119	33	0.58447	33
1.0509	1	397.5	2	85.35	0	812.8	1	1.465	5	319	3	883.8	3	0.5924	6	0.9197	6	1.5121	34	0.58413	34
1.0509	1.0	397.5	7	85.35	1	812.8	3	1.465	16	3 ⁴	3	883.8	12	0.5924	18	0.9197	7	1.5121	113	0.58413	113
1.0508	3	397.2	3	85.35	1	813.0	1	1.469	4	318	3	883.5	4	0.5920	5	0.9202	5	1.5123	34	0.58379	34
1.0508	3	396.9	2	85.36	1	813.2	1	1.474	5	317	3	883.2	3	0.5917	6	0.9208	6	1.5125	34	0.58345	34
1.0507	3	396.6	2	85.36	0	813.5	1	1.478	4	316	3	882.9	4	0.5913	6	0.9214	6	1.5127	34	0.58311	34
1.0506	3	396.4	7	85.36	1	813.6	8	1.480	15	3 ⁴	3	882.8	10	0.5912	19	0.9216	10	1.5128	114	0.58299	114
1.0506	4	396.2	3	85.36	0	813.7	1	1.483	5	315	3	882.6	12	0.5910	5	0.9219	5	1.5129	34	0.58277	34
1.0505	3	395.9	2	85.36	0	814.0	1	1.487	4	314	3	882.3	4	0.5906	6	0.9225	6	1.5131	34	0.58243	34
1.0505	3	395.6	2	85.36	0	814.2	0	1.492	5	313	3	882.0	3	0.5903	5	0.9230	5	1.5133	34	0.58209	34
1.0504	1.0	395.4	8	85.36	0	814.4	8	1.496	16	3 ³	3	881.8	10	0.5900	19	0.9235	7	1.5135	113	0.58186	113
1.0504	3	395.3	3	85.37	1	814.4	1	1.497	5	312	3	881.7	12	0.5899	6	0.9236	6	1.5135	34	0.58175	34

I.0503	3	729.3	0	3	814.7	I	1209.6	5	311	3	420.6	3	881.4	4	0.5895	6	0.9242	2	1.5137	34	0.58141
I.0502	3	729.5	0	2	814.9	I	1209.5	5	310	3	420.3	3	881.1	3	0.5892	5	0.9247	2	1.5139	34	0.58107
I.0502	4	729.7	0	2	815.1	I	1209.4	4	309	3	420.0	3	880.8	3	0.5889	6	0.9253	3	1.5142	34	0.58073
I.0501	1,1	729.7	1	7	815.1	3	1209.4	16	3,3	1,0	420.0	8	880.8	12	0.5888	19	0.9254	7	1.5142	113	0.58073
I.0501	3	729.9	2	2	815.3	I	1209.3	5	308	3	419.7	3	880.5	4	0.5885	6	0.9259	2	1.5144	34	0.58039
I.0500	3	730.1	2	2	815.5	I	1209.2	5	307	3	419.4	3	880.2	4	0.5881	6	0.9265	2	1.5146	35	0.58004
I.0499	3	730.3	2	1	815.7	I	1209.1	5	306	3	419.1	3	879.9	3	0.5878	5	0.9270	2	1.5148	34	0.57970
I.0499	1,0	730.4	0	7	815.8	3	1209.1	16	3,3	1,0	419.1	8	879.8	12	0.5876	19	0.9270	7	1.5149	114	0.57959
I.0499	3	730.6	0	2	815.9	I	1209.0	5	305	3	418.8	3	879.6	4	0.5874	6	0.9276	2	1.5150	34	0.57936
I.0498	3	730.8	0	3	816.2	0	1209.0	5	304	3	418.5	3	879.3	4	0.5870	6	0.9282	2	1.5152	34	0.57902
I.0497	4	731.0	0	2	816.4	I	1208.9	5	303	3	418.2	3	879.0	3	0.5867	6	0.9288	2	1.5155	34	0.57868
I.0496	1,1	731.2	0	8	816.6	8	1208.8	17	3,3	1,0	418.2	8	878.8	12	0.5864	19	0.9292	7	1.5156	114	0.57845
I.0496	3	731.3	1	3	816.7	I	1208.8	5	302	3	417.9	3	878.7	4	0.5863	6	0.9294	2	1.5157	34	0.57834
I.0495	3	731.5	0	2	816.9	I	1208.7	5	301	3	417.6	3	878.4	4	0.5859	6	0.9300	2	1.5159	34	0.57800
I.0495	3	731.8	0	3	817.1	I	1208.6	5	300	3	417.3	3	878.1	3	0.5856	5	0.9305	2	1.5161	34	0.57766
I.0494	3	732.0	0	3	817.4	I	1208.5	5	299	3	417.0	3	877.8	4	0.5852	6	0.9311	2	1.5163	35	0.57731
I.0494	1,0	732.0	0	8	817.4	3	1208.5	16	3,3	1,0	417.0	8	877.8	12	0.5852	19	0.9311	7	1.5163	114	0.57731
I.0494	3	732.0	0	3	817.4	I	1208.5	6	298	3	416.7	3	877.5	3	0.5849	6	0.9317	2	1.5166	34	0.57697
I.0493	4	732.3	0	2	817.6	I	1208.4	6	297	3	416.4	3	877.2	4	0.5845	6	0.9323	2	1.5168	34	0.57663
I.0492	3	732.5	0	2	817.8	I	1208.3	5	297	3	416.4	3	877.2	4	0.5845	6	0.9323	2	1.5168	34	0.57663

1.0491	390.2	732.7	85.35	818.0	1208.2	1.577	296	416.1	876.9	0.5841	0.9329	1.5170	0.57629
1.0491	390.1	732.8	85.35	818.1	1208.2	1.578	295.8	416	876.8	0.5840	0.9330	1.5170	0.57617
1.0491	389.8	733.0	85.35	818.3	1208.1	1.582	295	415.8	876.6	0.5837	0.9335	1.5172	0.57595
1.0490	389.5	733.2	85.34	818.5	1208.0	1.588	294	415.4	876.2	0.5834	0.9341	1.5174	0.57549
1.0489	389.2	733.4	85.34	818.7	1207.9	1.593	293	415.1	875.9	0.5830	0.9347	1.5177	0.57515
1.0489	389.1	733.5	85.34	818.8	1207.9	1.595	292.6	415	875.8	0.5828	0.9349	1.5178	0.57503
1.0488	388.9	733.6	85.33	818.9	1207.8	1.598	292	414.8	875.6	0.5826	0.9353	1.5179	0.57480
1.0487	388.5	733.9	85.33	819.2	1207.7	1.603	291	414.5	875.3	0.5822	0.9359	1.5181	0.57446
1.0486	388.2	734.1	85.32	819.4	1207.6	1.609	290	414.2	875.0	0.5818	0.9365	1.5184	0.57412
1.0486	388.0	734.3	85.32	819.6	1207.6	1.612	289.4	414	874.8	0.5816	0.9369	1.5185	0.57389
1.0485	387.9	734.4	85.32	819.7	1207.6	1.614	289	413.9	874.7	0.5815	0.9371	1.5186	0.57378
1.0485	387.6	734.6	85.31	819.9	1207.5	1.619	288	413.6	874.4	0.5811	0.9377	1.5188	0.57343
1.0484	387.2	734.8	85.31	820.1	1207.4	1.625	287	413.3	874.1	0.5807	0.9383	1.5190	0.57309
1.0483	387.0	735.0	85.30	820.3	1207.3	1.629	286.2	413	873.8	0.5804	0.9388	1.5192	0.57275
1.0483	386.9	735.1	85.30	820.4	1207.3	1.630	286	412.9	873.7	0.5803	0.9389	1.5193	0.57263
1.0482	386.6	735.3	85.29	820.6	1207.2	1.635	285	412.6	873.4	0.5800	0.9395	1.5195	0.57229
1.0482	386.2	735.6	85.29	820.8	1207.1	1.641	284	412.3	873.1	0.5796	0.9401	1.5197	0.57195
1.0481	385.9	735.8	85.28	821.1	1207.0	1.646	283	412.0	872.8	0.5792	0.9407	1.5200	0.57160
1.0481	385.9	735.8	85.28	821.1	1207.0	1.646	283.0	412	872.8	0.5792	0.9407	1.5200	0.57160

1.0480	385.6	3	736.1	3	85.27	1	821.3	2	1206.9	1	1.652	6	282	411.7	3	872.5	3	0.5788	4	0.9414	7	1.5202	2	0.57126	34	
1.0479	385.2	4	736.3	2	85.27	0	821.5	2	1206.8	1	1.658	6	281	411.4	3	872.2	3	0.5784	4	0.9420	6	1.5204	2	0.57091	35	
1.0478	384.9	3	736.5	2	85.26	1	821.8	3	1206.7	1	1.663	5	280	411.0	4	871.8	4	0.5781	3	0.9426	6	1.5207	2	0.57046	45	
1.0478	384.9	1.0	736.5	7	85.26	2	821.8	7	1206.7	3	1.664	18	279.9	411.0	1.0	871.8	1.0	0.5780	12	0.9427	20	1.5207	7	0.57046	114	
1.0477	384.6	3	736.7	2	85.25	1	822.0	2	1206.6	1	1.669	6	279	410.7	3	871.5	3	0.5777	4	0.9432	6	1.5209	2	0.57011	35	
1.0477	384.2	4	737.0	3	85.25	0	822.3	3	1206.5	1	1.675	6	278	410.4	3	871.2	3	0.5773	4	0.9438	6	1.5211	2	0.56977	34	
1.0476	383.9	3	737.2	2	85.24	1	822.5	2	1206.4	1	1.681	6	277	410.1	3	870.9	3	0.5769	4	0.9445	7	1.5214	3	0.56942	35	
1.0476	383.8	1.1	737.3	8	85.24	2	822.6	8	1206.4	3	1.682	18	276.8	410.1	1.0	870.8	1.0	0.5768	12	0.9445	19	1.5214	7	0.56931	115	
1.0475	383.5	4	737.5	3	85.24	0	822.8	3	1206.3	1	1.686	5	276	409.8	3	870.6	3	0.5765	4	0.9451	6	1.5216	2	0.56908	34	
1.0474	383.2	3	737.7	2	85.23	1	823.0	2	1206.2	1	1.692	6	275	409.4	4	870.2	4	0.5761	4	0.9457	6	1.5218	2	0.56862	46	
1.0473	382.9	3	738.0	3	85.23	0	823.2	2	1206.1	1	1.698	6	274	409.1	3	869.9	3	0.5757	4	0.9463	6	1.5221	3	0.56827	35	
1.0473	382.8	1.0	738.1	8	85.23	1	823.3	7	1206.1	3	1.700	18	273.7	409.1	1.0	869.8	1.0	0.5756	12	0.9465	19	1.5222	8	0.56816	115	
1.0472	382.5	4	738.2	2	85.23	0	823.5	2	1206.0	1	1.704	6	273	408.8	3	869.6	3	0.5754	3	0.9470	7	1.5224	2	0.56793	34	
1.0472	382.2	3	738.5	3	85.22	1	823.7	3	1205.9	1	1.710	6	272	408.4	4	869.2	4	0.5750	4	0.9476	6	1.5226	2	0.56747	46	
1.0471	381.8	4	738.8	3	85.21	1	824.0	2	1205.8	7	1.717	7	271	408.1	3	868.9	3	0.5746	3	0.9483	7	1.5228	35	0.56712	35	
1.0470	381.7	1.1	738.9	8	85.21	2	824.1	8	1205.8	19	1.719	19	270.6	408.1	1.0	868.8	1.0	0.5744	12	0.9483	20	1.5228	7	0.56712	115	
1.0470	381.5	3	739.0	2	85.21	0	824.2	2	1205.7	3	1.723	6	270	407.8	3	868.6	3	0.5742	4	0.9489	6	1.5229	3	0.56701	34	
1.0469	381.1	4	739.3	3	85.20	1	824.5	3	1205.6	6	1.729	6	269	407.5	3	868.3	3	0.5738	4	0.9496	7	1.5234	3	0.56678	35	
1.0468	380.8	3	739.5	2	85.20	0	824.7	2	1205.5	1	1.735	6	268	407.1	4	867.9	4	0.5734	4	0.9502	6	1.5236	2	0.56643	46	
																									0.56597	46

1.0468	^{1.0} 380.7	⁷ 739.6	¹ 85.20	⁷ 824.8	³ 1205.5	¹⁸ 1.737	^{3.0} 267.6	407	^{1.0} 867.8	¹² 0.5732	²⁰ 0.9505	⁸ 1.5237	¹¹⁵ 0.59586
1.0467	⁴ 380.4	³ 739.8	⁰ 85.20	⁰ 825.0	¹ 1205.4	⁶ 1.741	267	³ 406.8	³ 867.6	⁵ 0.5729	⁷ 0.9509	² 1.5238	³⁴ 0.59563
1.0466	³ 380.1	³ 740.1	¹ 85.19	² 825.2	³ 1205.3	⁷ 1.748	266	⁴ 406.4	⁴ 867.2	⁴ 0.5725	⁶ 0.9515	³ 1.5241	⁴⁷ 0.59516
1.0466	⁴ 379.7	² 740.3	¹ 85.18	³ 825.5	¹ 1205.2	⁶ 1.754	265	³ 406.1	³ 866.9	⁴ 0.5721	⁷ 0.9522	² 1.5243	³⁴ 0.59482
1.0465	^{1.1} 379.6	⁸ 740.4	² 85.18	⁸ 825.6	³ 1205.2	¹⁹ 1.756	^{2.9} 264.7	406	^{1.0} 866.8	¹² 0.5720	¹⁹ 0.9524	⁷ 1.5244	¹¹⁶ 0.59470
1.0465	³ 379.4	³ 740.6	¹ 85.17	² 825.7	¹ 1205.1	⁷ 1.761	264	³ 405.8	⁶ 866.6	⁴ 0.5717	⁶ 0.9528	³ 1.5246	³⁵ 0.59447
1.0464	⁴ 379.0	² 740.8	⁰ 85.17	³ 826.0	¹ 1205.0	⁶ 1.767	263	⁴ 405.4	⁴ 866.2	⁴ 0.5713	⁷ 0.9535	² 1.5248	⁴⁶ 0.59401
1.0463	³ 378.7	³ 741.1	¹ 85.17	² 826.2	¹ 1204.9	⁷ 1.774	262	³ 405.1	³ 865.9	⁴ 0.5709	⁷ 0.9542	³ 1.5251	³⁵ 0.59366
1.0463	^{1.0} 378.6	⁷ 741.1	¹ 85.17	⁷ 826.3	³ 1204.9	¹⁹ 1.775	² 261.3	405	^{1.0} 865.8	¹² 0.5708	¹⁹ 0.9543	⁷ 1.5251	¹¹⁵ 0.59355
1.0462	⁴ 378.3	² 741.3	¹ 85.16	³ 826.5	¹ 1204.8	⁶ 1.780	261	⁴ 404.7	⁴ 865.5	⁵ 0.5704	⁷ 0.9549	² 1.5253	⁴⁶ 0.59320
1.0461	⁴ 377.9	³ 741.6	⁰ 85.16	² 826.7	¹ 1204.7	⁷ 1.787	260	³ 404.4	³ 865.2	⁴ 0.5700	⁶ 0.9555	² 1.5255	³⁴ 0.59286
1.0461	³ 377.6	² 741.8	¹ 85.15	³ 827.0	¹ 1204.6	⁶ 1.793	259	⁴ 404.0	⁴ 864.8	⁴ 0.5696	⁷ 0.9562	³ 1.5258	⁴⁷ 0.59239
1.0461	^{1.1} 377.5	⁸ 741.9	² 85.15	⁷ 827.0	³ 1204.6	¹⁹ 1.794	^{1.9} 253.9	404	^{1.0} 864.8	¹² 0.5696	²⁰ 0.9563	⁸ 1.5258	¹¹⁶ 0.59239
1.0460	³ 377.2	³ 742.1	⁰ 85.15	³ 827.3	¹ 1204.5	⁷ 1.800	258	³ 403.7	³ 864.5	⁴ 0.5692	⁷ 0.9569	³ 1.5261	³⁴ 0.59205
1.0459	⁴ 376.8	³ 742.4	¹ 85.14	³ 827.5	¹ 1204.4	⁸ 1.808	257	⁴ 403.3	⁴ 864.1	⁴ 0.5688	⁷ 0.9576	³ 1.5264	⁴⁷ 0.59158
1.0458	^{1.0} 376.5	⁸ 742.7	¹ 85.14	⁸ 827.8	³ 1204.3	²⁰ 1.814	^{2.8} 256.1	403	^{1.0} 863.8	¹² 0.5684	²⁰ 0.9583	⁷ 1.5266	¹¹⁵ 0.59124
1.0458	⁴ 376.4	³ 742.7	⁰ 85.14	³ 827.8	¹ 1204.3	⁷ 1.815	256	³ 403.0	³ 863.8	⁴ 0.5684	⁷ 0.9583	³ 1.5266	³⁴ 0.59124
1.0457	³ 376.1	² 742.9	¹ 85.13	³ 828.1	¹ 1204.2	⁷ 1.822	255	⁴ 402.6	⁴ 863.4	⁵ 0.5679	⁷ 0.9590	³ 1.5269	⁴⁷ 0.59077
1.0457	⁴ 375.7	³ 743.2	⁰ 85.13	² 828.3	¹ 1204.1	⁸ 1.829	254	⁴ 402.2	⁴ 863.0	⁴ 0.5675	⁷ 0.9597	³ 1.5272	⁴⁶ 0.59031

1.0456	1.1	7	2	828.5	3	1.83	253.3	402	862.8	12	19	8	116
		743.4	1	828.5	1204.0	1.83	253.3	402	862.8	0.5672	0.9602	1.5274	0.56008
1.0456	4	3	1	828.6	1204.0	1.836	253	401.9	862.7	5	7	3	35
		743.5	1	828.6	1204.0	1.836	253	401.9	862.7	0.5970	0.9604	1.5275	0.55996
1.0455	3	3	1	828.9	1203.9	1.843	252	401.5	862.3	4	8	3	46
		743.8	1	828.9	1203.9	1.843	252	401.5	862.3	0.5666	0.9612	1.5278	0.55950
1.0454	4	3	1	829.2	1203.8	1.851	251	401.2	862.0	4	7	3	35
		744.1	1	829.2	1203.8	1.851	251	401.2	862.0	0.5662	0.9619	1.5281	0.55915
1.0454	10	8	20	829.3	1203.7	1.854	250.5	401	861.8	13	20	8	116
		744.2	3	829.3	1203.7	1.854	250.5	401	861.8	0.5659	0.9622	1.5282	0.55892
1.0454	4	2	7	829.4	1203.6	1.858	250	400.8	861.6	5	7	2	46
		744.3	2	829.4	1203.6	1.858	250	400.8	861.6	0.5657	0.9626	1.5283	0.55869
1.0453	4	3	1	829.7	1203.5	1.865	249	400.4	861.2	5	7	3	47
		744.6	3	829.7	1203.5	1.865	249	400.4	861.2	0.5652	0.9633	1.5286	0.55822
1.0452	4	3	1	830.0	1203.4	1.872	248	400.1	860.9	4	8	3	35
		744.9	1	830.0	1203.4	1.872	248	400.1	860.9	0.5648	0.9641	1.5289	0.55787
1.0452	10	7	20	830.2	1203.3	1.880	247	400	860.8	12	20	7	116
		745.1	3	830.2	1203.3	1.880	247	400	860.8	0.5647	0.9642	1.5289	0.55776
1.0451	3	2	1	830.2	1203.3	1.888	247	399.7	860.5	4	7	3	46
		745.4	1	830.2	1203.3	1.888	247	399.7	860.5	0.5644	0.9648	1.5292	0.55741
1.0451	4	3	1	830.3	1203.2	1.888	246	399.3	860.1	5	7	2	47
		745.7	3	830.3	1203.2	1.888	246	399.3	860.1	0.5639	0.9655	1.5294	0.55694
1.0450	11	8	21	830.8	1203.1	1.895	245.0	399	859.8	12	20	8	117
		745.7	3	830.8	1203.1	1.895	245.0	399	859.8	0.5635	0.9662	1.5297	0.55659
1.0450	4	3	1	830.8	1203.1	1.895	245	399.0	859.8	4	7	3	35
		745.7	1	830.8	1203.1	1.895	245	399.0	859.8	0.5635	0.9662	1.5297	0.55659
1.0450	4	3	1	831.1	1203.0	1.903	244	398.6	859.4	4	8	3	46
		746.0	1	831.1	1203.0	1.903	244	398.6	859.4	0.5631	0.9670	1.5300	0.55613
1.0449	4	3	1	831.2	1202.9	1.911	243	398.2	859.0	5	7	3	47
		746.3	1	831.2	1202.9	1.911	243	398.2	859.0	0.5626	0.9677	1.5303	0.55566
1.0448	10	8	21	831.5	1202.8	1.916	242.3	398	858.8	12	20	8	116
		746.5	3	831.5	1202.8	1.916	242.3	398	858.8	0.5623	0.9682	1.5305	0.55543
1.0448	3	2	1	831.6	1202.8	1.918	242	397.9	858.7	4	7	3	35
		746.5	1	831.6	1202.8	1.918	242	397.9	858.7	0.5622	0.9684	1.5305	0.55531
1.0447	4	3	1	831.8	1202.7	1.926	241	397.5	858.3	5	8	3	46
		746.8	1	831.8	1202.7	1.926	241	397.5	858.3	0.5617	0.9692	1.5308	0.55485
1.0446	4	3	1	832.1	1202.5	1.934	240	397.1	857.9	4	7	3	47
		747.1	3	832.1	1202.5	1.934	240	397.1	857.9	0.5613	0.9699	1.5311	0.55436

I.0446	^{1,1} 370.2	⁷ 747.2	³ 85.02	⁷ 832.2	³ 1202.5	²¹ 1.937	^{2,7} 239.6	397	^{1,0} 857.8	¹² 0.5611	²⁰ 0.9702	⁸ 1.5313	¹¹⁶ 0.55427
I.0446	⁴ 370.0	³ 747.4	¹ 85.01	³ 832.4	¹ 1202.4	⁸ 1.942	239	³ 396.8	³ 857.6	⁴ 0.5609	⁷ 0.9706	³ 1.5314	³⁵ 0.55403
I.0445	⁴ 369.6	³ 747.7	¹ 85.00	³ 832.7	¹ 1202.3	⁷ 1.949	238	⁴ 396.4	⁴ 857.2	⁵ 0.5604	⁸ 0.9714	³ 1.5317	⁴⁶ 0.55537
I.0444	⁴ 369.2	³ 748.0	¹ 84.99	³ 833.0	¹ 1202.2	⁸ 1.957	237	⁴ 396.0	⁴ 856.8	⁵ 0.5599	⁷ 0.9721	³ 1.5320	⁴⁷ 0.555310
I.0444	^{1,0} 369.2	⁸ 748.0	⁴ 84.98	⁸ 833.0	³ 1202.2	²¹ 1.958	^{2,7} 236.9	396	^{1,0} 856.8	¹² 0.5599	²⁰ 0.9722	⁷ 1.5320	¹¹⁷ 0.555310
I.0443	⁴ 368.8	³ 748.3	² 84.97	² 833.2	¹ 1202.1	⁸ 1.965	236	³ 395.7	³ 856.5	⁴ 0.5595	⁷ 0.9728	³ 1.5323	³⁵ 0.55275
I.0443	⁴ 368.4	² 748.5	¹ 84.96	³ 833.5	¹ 1202.0	⁸ 1.973	235	⁴ 395.3	⁴ 856.4	⁴ 0.5595	⁸ 0.9736	³ 1.5326	⁴⁷ 0.55228
I.0442	^{1,1} 368.1	⁸ 748.8	³ 84.95	⁷ 833.7	³ 1201.9	²² 1.980	^{2,7} 234.2	395	^{1,0} 855.8	^{3,3} 0.5586	²⁰ 0.9742	⁸ 1.5328	¹¹⁷ 0.55193
I.0442	⁴ 368.0	³ 748.8	¹ 84.95	³ 833.8	¹ 1201.9	⁹ 1.982	234	⁴ 394.9	⁴ 855.7	⁵ 0.5586	⁷ 0.9743	³ 1.5329	⁴⁷ 0.55181
I.0441	³ 367.7	³ 749.1	¹ 84.94	² 834.0	¹ 1201.8	⁸ 1.990	233	³ 394.6	³ 855.4	⁵ 0.5581	⁸ 0.9751	² 1.5331	³⁵ 0.55146
I.0440	⁴ 367.3	³ 749.4	¹ 84.93	³ 834.3	¹ 1201.7	⁸ 1.998	232	⁴ 394.2	⁴ 855.0	⁴ 0.5577	⁷ 0.9758	³ 1.5334	⁴⁶ 0.55100
I.0440	^{1,0} 367.1	⁸ 749.6	³ 84.92	³ 834.5	³ 1201.6	²² 2.002	^{2,7} 231.5	394	^{1,0} 854.8	¹² 0.5574	²⁰ 0.9762	⁸ 1.5336	¹¹⁷ 0.55076
I.0440	⁴ 366.9	³ 749.7	¹ 84.91	³ 834.6	² 1201.5	⁸ 2.006	231	⁴ 393.8	⁴ 854.6	⁵ 0.5572	⁷ 0.9765	³ 1.5337	⁴⁷ 0.55053
I.0439	⁴ 366.5	³ 750.0	¹ 84.90	³ 834.9	¹ 1201.4	⁸ 2.014	230	⁴ 393.4	⁴ 854.2	⁴ 0.5568	⁸ 0.9773	³ 1.5340	⁴⁷ 0.55006
I.0438	⁴ 366.1	² 750.2	¹ 84.89	² 835.1	¹ 1201.3	⁸ 2.022	229	³ 393.1	³ 853.9	⁵ 0.5563	⁷ 0.9780	³ 1.5343	³⁵ 0.54971
I.0438	^{1,1} 366.0	⁷ 750.3	³ 84.89	⁷ 835.2	³ 1201.3	²² 2.024	^{2,7} 228.8	393	^{1,0} 853.8	¹² 0.5562	²⁰ 0.9782	⁸ 1.5344	¹¹⁷ 0.54959
I.0437	⁴ 365.7	³ 750.5	¹ 84.88	³ 835.4	¹ 1201.2	⁹ 2.031	228	⁴ 392.7	⁴ 853.5	⁵ 0.5558	⁸ 0.9788	³ 1.5346	⁴⁷ 0.54924
I.0437	⁴ 365.3	⁴ 750.9	¹ 84.87	³ 835.7	¹ 1201.1	⁸ 2.039	227	⁴ 392.3	⁴ 853.1	⁴ 0.5554	⁷ 0.9795	³ 1.5349	⁴⁷ 0.54877
I.0436	^{1,0} 365.0	⁸ 751.1	³ 84.86	⁸ 836.0	³ 1201.0	²² 2.046	^{2,7} 226.1	392	^{1,0} 852.8	¹² 0.5550	²⁰ 0.9802	⁸ 1.5352	¹¹⁷ 0.54842

I.0436	365.0	3	751.2	I	84.86	I	836.0	3	1201.0	I	2.047	8	226	392.0	3	852.8	3	0.5549	5	0.9803	8	I.5352	3	0.54842	35
I.0436	364.6	4	751.5	3	84.85	I	836.3	3	1200.9	I	2.056	9	225	391.6	4	852.4	4	0.5545	4	0.9811	8	I.5355	3	0.54795	47
I.0436	364.2	4	751.8	3	84.84	I	836.6	3	1200.8	I	2.064	8	224	391.2	4	852.0	4	0.5540	5	0.9818	7	I.5358	3	0.54748	47
I.0436	364.0	1.0	751.9	8	84.83	3	836.7	7	1200.7	3	2.069	23	223	391	4	851.8	1.0	0.5538	12	0.9822	20	I.5360	8	0.54725	117
I.0436	363.8	4	752.0	2	84.82	2	836.8	8	1200.6	2	2.073	9	222	390.8	4	851.6	4	0.5535	5	0.9826	8	I.5361	3	0.54701	47
I.0436	363.4	4	752.3	3	84.81	I	837.1	3	1200.5	I	2.082	9	221	390.4	4	851.2	4	0.5530	5	0.9834	8	I.5364	3	0.54654	47
I.0436	363.0	4	752.6	3	84.79	2	837.4	3	1200.4	I	2.091	9	220	390.1	3	850.9	3	0.5526	4	0.9842	8	I.5368	3	0.54619	35
I.0436	362.9	1.1	752.6	7	84.79	4	837.4	7	1200.3	3	2.092	23	219	390	1.0	850.8	1.0	0.5525	13	0.9843	21	I.5368	8	0.54607	118
I.0436	362.6	4	752.9	3	84.78	I	837.7	3	1200.3	I	2.100	9	218	389.7	4	850.5	4	0.5521	5	0.9849	7	I.5371	3	0.54572	47
I.0436	362.2	4	753.2	3	84.76	2	838.0	3	1200.2	I	2.109	9	217	389.3	4	850.1	4	0.5517	4	0.9857	8	I.5374	3	0.54525	47
I.0436	361.9	1.0	753.4	8	84.75	4	838.2	8	1200.1	3	2.115	23	216	389	1.0	849.8	1.0	0.5513	12	0.9863	20	I.5376	8	0.54490	117
I.0436	361.8	4	753.5	3	84.75	I	838.3	3	1200.1	I	2.118	9	215	388.9	4	849.7	4	0.5512	5	0.9865	8	I.5377	3	0.54478	47
I.0436	361.3	5	753.8	3	84.73	2	838.5	2	1199.9	2	2.127	9	214	388.5	4	849.3	4	0.5507	5	0.9873	8	I.5380	3	0.54431	47
I.0436	360.9	4	754.1	3	84.71	2	838.8	3	1199.8	I	2.136	9	213	388.1	4	848.9	4	0.5502	5	0.9881	8	I.5383	3	0.54384	47
I.0436	360.8	1.1	754.2	8	84.70	5	838.9	7	1199.8	3	2.139	24	212	388	1.0	848.8	1.0	0.5501	12	0.9883	20	I.5384	8	0.54372	118
I.0436	360.5	4	754.5	4	84.69	2	839.1	3	1199.7	I	2.146	10	211	387.7	4	848.5	4	0.5497	5	0.9889	8	I.5386	3	0.54337	47
I.0436	360.1	4	754.8	3	84.67	2	839.4	3	1199.6	I	2.155	9	210	387.3	4	848.1	4	0.5492	5	0.9897	8	I.5389	3	0.54289	48
I.0436	359.8	1.0	755.0	8	84.65	5	839.7	8	1199.5	3	2.163	24	209	387	1.0	847.8	1.0	0.5488	13	0.9904	21	I.5392	8	0.54254	118
I.0436	359.7	4	755.1	3	84.65	2	839.7	3	1199.5	I	2.165	10	208	386.9	4	847.7	4	0.5487	5	0.9905	8	I.5392	3	0.54242	47

I.0436	359.3	4	755.4	3	84.63	2	840.0	3	1199.3	2	2.174	9	212	386.5	4	847.3	4	0.5483	4	0.9913	8	1.5396	4	0.54195 ⁴⁷
I.0436	358.9	4	755.7	3	84.61	2	840.3	3	1199.2	1	2.184	10	211	386.1	4	846.9	4	0.5478	5	0.9921	8	1.5399	3	0.54168 ⁴⁷
I.0436	358.7	1.1	755.8	8	84.60	5	840.4	7	1199.1	4	2.187	24	210.7	386	1.0	846.8	1.0	0.5476	12	0.9924	8	1.5400	8	0.54136 ¹¹⁸
I.0436	358.4	5	756.0	3	84.59	2	840.6	3	1199.0	2	2.194	10	210	385.7	4	846.5	4	0.5473	5	0.9930	9	1.5403	4	0.54101 ⁴⁷
I.0436	358.0	4	756.3	3	84.57	2	840.9	3	1198.9	1	2.204	10	209	385.3	4	846.1	4	0.5468	5	0.9938	8	1.5406	3	0.54053 ⁴⁸
I.0436	357.7	1.0	756.6	8	84.55	5	841.1	7	1198.8	3	2.212	25	208.2	385	1.0	845.8	1.0	0.5464	12	0.9944	8	1.5408	8	0.54018 ¹¹⁸
I.0436	357.6	4	756.7	4	84.55	2	841.2	3	1198.8	1	2.214	10	208	384.9	4	845.7	4	0.5463	5	0.9946	8	1.5409	3	0.54006 ⁴⁷
I.0436	357.2	4	757.0	3	84.52	3	841.5	3	1198.7	1	2.225	11	207	384.5	4	845.3	4	0.5458	5	0.9955	9	1.5412	3	0.53959 ⁴⁷
I.0436	356.7	5	757.3	3	84.50	2	841.8	3	1198.5	2	2.235	10	206	384.1	4	844.9	4	0.5453	5	0.9963	8	1.5416	4	0.53911 ⁴⁸
I.0436	356.7	1.0	757.4	8	84.50	5	841.9	8	1198.5	3	2.237	25	205.8	384	1.0	844.8	1.0	0.5452	12	0.9965	21	1.5416	8	0.53900 ¹¹⁸
I.0436	356.3	4	757.7	4	84.48	2	842.1	3	1198.4	1	2.245	10	205	383.7	4	844.5	4	0.5447	5	0.9972	9	1.5419	3	0.53864 ⁴⁷
I.0436	355.9	4	758.0	3	84.46	2	842.4	3	1198.3	1	2.256	11	204	383.2	5	844.0	5	0.5442	5	0.9980	8	1.5423	4	0.53805 ⁵⁹
I.0436	355.6	1.1	758.2	8	84.45	5	842.6	7	1198.2	3	2.262	25	203.4	383	1.0	843.8	1.0	0.5439	13	0.9985	20	1.5425	9	0.53781 ¹¹⁹
I.0436	355.4	5	758.3	3	84.44	2	842.7	3	1198.1	2	2.266	10	203	382.8	4	843.6	4	0.5437	5	0.9989	9	1.5426	3	0.53757 ⁴⁸
I.0436	355.0	4	758.6	3	84.42	2	843.0	3	1198.0	1	2.277	11	202	382.4	4	843.2	4	0.5432	5	0.9998	9	1.5430	4	0.53710 ⁴⁷
I.0436	354.6	1.0	758.9	7	84.40	5	843.3	7	1197.9	3	2.287	25	201.0	382	1.0	842.8	1.0	0.5427	12	1.0006	21	1.5433	8	0.53662 ¹¹⁹
I.0436	354.5	5	758.9	3	84.40	2	843.3	3	1197.9	1	2.288	11	201	382.0	4	842.8	4	0.5427	5	1.0007	0	1.5433	3	0.53662 ⁴⁸
I.0436	354.1	4	759.2	3	84.38	2	843.6	3	1197.8	1	2.299	11	200	381.6	4	842.4	4	0.5421	6	1.0016	9	1.5437	4	0.53615 ⁴⁷
I.0436	353.7	4	759.5	3	84.36	2	844.0	4	1197.7	1	2.310	11	199	381.1	5	841.9	5	0.5416	5	1.0024	8	1.5440	3	0.53556 ⁵⁹

I.0436	353.5	8	759.7	5	844.1	3	1197.6	26	198.7	23	381	1.0	841.8	13	1.0027	21	1.5441	8	0.53544	116
I.0436	353.2	5	759.9	4	844.3	3	1197.5	10	198	4	380.7	4	841.5	5	1.0033	9	1.5444	4	0.53508	48
I.0436	352.8	4	760.3	3	844.6	1	1197.4	11	197	4	380.3	4	841.4	6	1.0042	9	1.5447	3	0.53461	47
I.0436	352.5	10	760.5	5	844.8	7	1197.3	25	196.3	24	380	1.0	840.8	12	1.0047	20	1.5449	8	0.53425	119
I.0436	352.3	5	760.6	3	844.9	1	1197.3	11	196	5	379.8	5	840.6	5	1.0050	8	1.5450	3	0.53401	60
I.0436	351.9	4	761.0	1	845.3	2	1197.1	12	195	4	379.4	4	840.2	5	1.0059	9	1.5454	4	0.53354	47
I.0436	351.4	11	761.3	4	845.6	8	1197.0	28	194.0	23	379	1.0	839.8	12	1.0068	21	1.5458	9	0.53306	119
I.0436	351.4	5	761.3	2	845.6	3	1197.0	12	194	4	379.0	4	839.8	5	1.0068	8	1.5458	4	0.53306	48
I.0436	351.0	4	761.6	2	845.6	1	1197.0	12	193	4	378.6	4	839.4	6	1.0077	9	1.5461	3	0.53258	48
I.0436	350.5	4	762.0	1	845.9	3	1196.9	11	192	5	378.1	5	838.9	5	1.0086	9	1.5465	4	0.53199	59
I.0436	350.4	10	762.1	4	846.2	7	1196.7	27	191.7	23	378.1	1.0	838.9	13	1.0089	21	1.5466	8	0.53187	119
I.0436	350.1	4	762.3	2	846.5	1	1196.6	12	191	4	377.7	4	838.8	5	1.0095	9	1.5469	4	0.53151	48
I.0436	349.6	3	762.6	2	846.8	2	1196.4	12	190	4	377.3	4	838.1	6	1.0104	9	1.5472	3	0.53103	48
I.0436	349.3	11	762.8	4	847.0	4	1196.3	27	189.4	23	377.3	1.0	837.8	12	1.0110	21	1.5474	8	0.53067	120
I.0436	349.2	3	762.9	2	847.1	3	1196.3	12	189	5	376.8	5	837.6	6	1.0113	3	1.5474	3	0.53067	59
I.0436	348.7	4	763.3	1	847.4	3	1196.1	12	188	4	376.4	4	837.2	5	1.0122	9	1.5475	4	0.53044	48
I.0436	348.3	10	763.6	4	847.7	7	1196.0	28	187.1	23	376	1.0	836.8	13	1.0130	20	1.5479	9	0.52996	119
I.0436	348.2	3	763.6	2	847.7	3	1196.0	12	187	5	375.9	5	836.7	5	1.0131	9	1.5483	60	0.52948	60
I.0436	347.8	4	764.0	2	848.1*	1	1195.9	13	186	4	375.5	4	836.3	6	1.0141	10	1.5487	4	0.52936	48
I.0436	347.8	4	764.0	2	848.1	1	1195.9	2462	186	4	375.5	4	836.3	6	1.0141	10	1.5487	4	0.52888	48

I.0436	347.3 ⁵	764.3 ³	84.10 ²	848.4 ³	1195.8 ¹	2.474 ¹²	185 ^{2 3}	375.1 ⁴	835.9 ⁴	0.5341 ⁵	1.0150 ⁹	1.5490 ³	0.52840 ⁴⁸
I.0436	347.3 ^{1.0}	764.4 ⁸	84.10 ⁴	848.5 ⁸	1195.7 ³	2.476 ²⁸	184.8	375.1 ^{1.0}	835.8 ^{1.0}	0.5340 ¹²	1.0151 ²¹	1.5490 ⁸	0.52828 ¹²⁰
I.0436	346.9 ⁴	764.7 ⁴	84.09 ¹	848.7 ⁵	1195.6 ²	2.487 ¹³	184	374.0 ⁵	835.4 ⁵	0.5335 ⁶	1.0159 ⁹	1.5494 ⁴	0.52781 ⁵⁹
I.0436	346.4 ⁵	765.0 ³	84.07 ²	849.1 ⁴	1195.5 ¹	2.500 ¹³	183	374.2 ⁴	835.0 ⁴	0.5329 ⁶	1.0168 ⁹	1.5498 ⁴	0.52733 ⁴⁸
I.0436	346.2 ^{1.1}	765.1 ⁷	84.06 ⁴	849.2 ⁷	1195.4 ³	2.505 ²⁹	182.6	374.2 ^{1.0}	834.8 ^{1.0}	0.5327 ¹³	1.0172 ²¹	1.5499 ⁸	0.52709 ¹¹⁹
I.0436	345.9 ⁵	765.3 ³	84.05 ²	849.4 ³	1195.3 ²	2.513 ¹³	182	373.7 ⁵	834.8 ⁵	0.5323 ⁶	1.0178 ¹⁰	1.5502 ⁴	0.52673 ⁶⁰
I.0436	345.4 ⁵	765.7 ⁴	84.03 ²	849.7 ³	1195.2 ¹	2.526 ¹³	181	373.3 ⁴	834.1 ⁴	0.5318 ⁵	1.0188 ¹⁰	1.5506 ⁴	0.52625 ⁴⁸
I.0436	345.2 ^{1.0}	765.9 ⁸	84.02 ⁴	849.9 ⁷	1195.1 ³	2.534 ²⁹	180.4	373.3 ^{2.2}	833.8 ^{1.0}	0.5315 ¹²	1.0193 ²¹	1.5508 ⁴	0.52589 ¹²⁰
I.0436	345.0 ⁴	766.1 ⁴	84.01 ²	850.1 ⁴	1195.0 ²	2.540 ¹⁴	180	372.8 ⁵	833.6 ⁵	0.5312 ⁶	1.0197 ⁹	1.5510 ⁴	0.52565 ⁶⁰
I.0436	344.5 ⁵	766.4 ³	83.99 ²	850.4 ³	1194.9 ¹	2.554 ¹⁴	179	372.3 ⁵	833.1 ⁵	0.5306 ⁶	1.0207 ¹⁰	1.5514 ⁴	0.52505 ⁶⁰
I.0436	344.1 ^{1.1}	766.7 ⁸	83.98 ⁴	850.7 ⁸	1194.8 ²	2.563 ²⁹	178.3	372.3 ^{2.1}	832.8 ^{1.0}	0.5302 ¹³	1.0214 ²¹	1.5516 ⁸	0.52469 ¹²⁰
I.0436	344.0 ⁵	766.8 ⁴	83.97 ²	850.8 ⁴	1194.8 ¹	2.568 ¹⁴	178	371.8 ⁵	832.6 ⁵	0.5300 ⁶	1.0217 ¹⁰	1.5517 ³	0.52445 ⁶⁰
I.0436	343.5 ⁵	767.2 ⁸	83.95 ⁴	851.1 ³	1194.6 ²	2.582 ¹⁴	177	371.4 ⁴	832.2 ⁴	0.5294 ⁶	1.0227 ¹⁰	1.5521 ⁴	0.52397 ⁴⁸
I.0436	343.1 ^{1.0}	767.5 ⁸	83.94 ⁴	851.4 ⁷	1194.5 ³	2.593 ³⁰	176.2	371.4 ^{2.1}	831.8 ^{1.0}	0.5290 ¹²	1.0235 ²¹	1.5525 ⁹	0.52349 ¹²⁰
I.0436	343.0 ⁵	767.6 ⁴	83.93 ²	851.5 ⁴	1194.5 ¹	2.596 ¹⁴	176	370.9 ⁵	831.7 ⁵	0.5289 ⁵	1.0237 ¹⁰	1.5526 ⁶	0.52337 ⁶⁰
I.0436	342.5 ⁵	768.0 ⁴	83.91 ⁴	851.9 ⁴	1194.3 ²	2.610 ¹⁴	175	370.4 ⁵	831.2 ⁵	0.5283 ⁶	1.0247 ¹⁰	1.5530 ⁴	0.52277 ⁶⁰
I.0436	342.0 ^{1.1}	768.3 ⁸	83.89 ⁵	852.2 ⁸	1194.3 ³	2.623 ³⁰	174.1	370.4 ^{2.1}	830.8 ^{1.0}	0.5277 ¹³	1.0256 ²¹	1.5533 ⁸	0.52228 ¹²¹
I.0436	342.0 ⁵	768.3 ³	83.89 ²	852.2 ³	1194.2 ¹	2.624 ¹⁴	174	370.0 ⁴	830.8 ⁴	0.5277 ⁶	1.0257 ¹⁰	1.5534 ⁴	0.52228 ⁴⁹
I.0436	341.5 ⁵	768.7 ⁴	83.86 ⁴	852.6 ⁴	1194.0 ²	2.639 ¹⁵	173	369.5 ⁵	830.3 ⁵	0.5271 ⁶	1.0267 ¹⁰	1.5538 ⁶	0.52168 ⁶⁰

I.0436	341.0 ⁵	769.1 ⁴	83.84 ²	852.9 ³	I193.9 ¹	2.653 ¹⁴	172 ²¹	369.0 ⁵	829.8 ⁵	0.5265 ⁶	I.0277 ¹⁰	I.5542 ⁴	0.52108 ⁶⁰
I.0436	341.0 ^{1.0}	769.1 ⁸	83.84 ⁵	852.9 ⁷	I193.9 ³	2.653 ³¹	172.0 ²¹	369.0 ^{1.0}	829.8 ^{1.0}	0.5265 ¹²	I.0278 ²¹	I.5542 ⁹	0.52108 ¹²⁰
I.0436	340.5 ⁵	769.4 ³	83.81 ³	853.2 ³	I193.8 ¹	2.668 ¹⁵	171	368.5 ⁵	829.5 ⁵	0.5259 ⁶	I.0287 ¹⁰	I.5546 ⁴	0.52048 ⁶⁰
I.0436	340.5 ⁵	769.8 ⁴	83.79 ²	853.6 ⁴	I193.6 ²	2.682 ¹⁴	170	368.1 ⁴	828.9 ⁴	0.5253 ⁶	I.0297 ¹⁰	I.5550 ⁴	0.51999 ⁴⁹
I.0436	340.0 ^{1.0}	769.9 ⁸	83.78 ⁶	853.6 ⁷	I193.6 ³	2.685 ³¹	169.8 ^{2.2}	368.1 ^{1.0}	828.8 ^{1.0}	0.5252 ¹³	I.0299 ²¹	I.5551 ⁰	0.51987 ¹²¹
I.0436	340.0 ^{1.0}	769.9 ⁸	83.78 ⁶	853.6 ⁷	I193.6 ³	2.685 ³¹	169.8	368.1 ^{1.0}	828.8	0.5252 ⁶	I.0299 ¹⁰	I.5551 ⁴	0.51987 ⁶⁰
I.0436	339.5 ⁵	770.2 ⁴	83.76 ³	853.9 ³	I193.5 ¹	2.697 ¹⁵	169	367.6 ⁵	828.4 ⁵	0.5247 ⁶	I.0307 ¹⁰	I.5554 ⁴	0.51939 ⁶⁰
I.0436	339.5 ⁵	770.2 ⁴	83.76 ³	853.9 ³	I193.5 ¹	2.697 ¹⁵	168	367.1 ⁵	827.9 ⁵	0.5241 ⁶	I.0317 ¹⁰	I.5558 ⁴	0.51879 ⁶⁰
I.0436	339.0 ⁵	770.6 ⁴	83.73 ³	854.3 ⁴	I193.3 ²	2.712 ¹⁵	168	367.1 ^{1.0}	827.9 ^{1.0}	0.5241 ¹³	I.0317 ²¹	I.5558 ⁹	0.51879 ¹²⁰
I.0436	338.9 ^{4.1}	770.7 ⁸	83.72 ⁶	854.4 ³	I193.3 ³	2.716 ³¹	167.7	367	827.8	0.5239 ⁶	I.0320 ¹¹	I.5560 ⁵	0.51867 ⁴⁹
I.0436	338.5 ⁵	770.9 ³	83.70 ³	854.6 ³	I193.2 ¹	2.727 ¹⁵	167	366.7 ⁴	827.5 ⁴	0.5235 ⁶	I.0328 ¹¹	I.5563 ⁵	0.51830 ⁴⁹
I.0436	338.1 ⁴	771.3 ⁴	83.67 ³	855.0 ⁴	I193.1 ¹	2.742 ¹⁵	166	366.2 ⁵	827.0 ⁵	0.5229 ⁶	I.0338 ¹⁰	I.5597 ⁴	0.51770 ⁶⁰
I.0436	337.9 ^{1.0}	771.5 ⁸	83.66 ⁶	855.1 ⁷	I193.0 ³	2.748 ³²	165.6	366	826.8	0.5227 ¹²	I.0342 ²²	I.5569 ⁹	0.51746 ¹²¹
I.0436	337.6 ⁵	771.7 ⁴	83.64 ²	855.3 ³	I192.9 ²	2.757 ¹⁵	165	365.7 ⁵	826.5 ⁵	0.5223 ⁶	I.0348 ¹⁰	I.5571 ⁴	0.51710 ⁶⁰
I.0436	337.1 ⁵	772.1 ⁴	83.62 ²	855.6 ³	I192.8 ¹	2.772 ¹⁵	164	365.3 ⁴	826.1 ⁴	0.5217 ⁶	I.0358 ¹⁰	I.5575 ⁴	0.51661 ⁴⁹
I.0436	336.8 ^{1.1}	772.3 ⁸	83.60 ⁶	855.8 ⁷	I192.7 ³	2.780 ³²	163.5	365	825.8	0.5214 ¹³	I.0363 ²¹	I.5578 ⁹	0.51625 ¹²¹
I.0436	336.6 ⁵	772.4 ³	83.59 ³	856.0 ⁴	I192.6 ²	2.787 ¹⁵	163	364.8 ⁵	825.6 ⁵	0.5211 ⁶	I.0368 ¹⁰	I.5579 ⁴	0.51601 ⁶⁰
I.0436	336.1 ⁵	772.8 ⁴	83.56 ³	856.4 ⁴	I192.5 ¹	2.803 ¹⁶	162	364.3 ⁵	825.1 ⁵	0.5205 ⁶	I.0379 ¹¹	I.5584 ⁵	0.51540 ⁶¹
I.0436	335.8 ^{1.0}	773.1 ⁸	83.54 ⁶	856.6 ⁸	I192.4 ³	2.813 ³³	161.4	364	824.8	0.5201 ¹³	I.0385 ²²	I.5586 ⁸	0.51504 ¹²¹
I.0436	335.6 ⁵	773.2 ⁴	83.53 ³	856.7 ³	I192.3 ²	2.819 ¹⁶	161	363.8 ⁵	824.6 ⁵	0.5199 ⁶	I.0389 ¹⁰	I.5588 ⁴	0.51479 ⁶¹
I.0436	335.1 ⁵	773.6 ⁴	83.50 ³	857.1 ⁴	I192.2 ¹	2.835 ¹⁶	160	363.3 ⁵	824.1 ⁵	0.5193 ⁶	I.0399 ¹⁰	I.5592 ⁴	0.51419 ⁶⁰

I.0436	334.7 ^{1.1}	773.9 ⁸	83.48 ⁶	857.3 ⁷	1192.1 ³	2.846 ³³	159.3 ^{2.1}	363	823.8 ^{1.0}	0.5189 ¹²	1.0406 ²¹	1.5595 ⁹	0.51382 ¹²²
I.0436	334.6 ⁵	774.0 ⁴	83.47 ³	857.4 ³	1192.1 ¹	2.851 ¹⁶	159	362.8 ⁵	823.5 ⁵	0.5187 ⁶	1.0410 ¹¹	1.5597 ⁵	0.51358 ⁶¹
I.0436	334.1 ⁵	774.4 ⁴	83.44 ³	857.8 ⁴	1191.9 ²	2.868 ¹⁷	158	362.3 ⁵	823.1 ⁵	0.5181 ⁶	1.0421 ¹¹	1.5601 ⁴	0.51297 ⁶¹
I.0436	333.7 ^{1.0}	774.7 ⁸	83.42 ⁶	858.1 ⁸	1191.8 ³	2.880 ³⁴	157.3 ^{2.0}	362	822.8 ^{1.0}	0.5176 ¹³	1.0428 ²²	1.5604 ⁹	0.51261 ¹²¹
I.0436	333.5 ⁶	774.8 ⁴	83.41 ³	858.2 ⁴	1191.8 ¹	2.885 ¹⁷	157	361.8 ⁵	822.6 ⁵	0.5174 ⁶	1.0432 ¹¹	1.5606 ⁵	0.51237 ⁶¹
I.0436	333.0 ⁵	775.2 ⁴	83.38 ³	858.5 ³	1191.6 ²	2.902 ¹⁷	156	361.3 ⁵	822.1 ⁵	0.5168 ⁶	1.0443 ¹¹	1.5610 ⁴	0.51176 ⁶¹
I.0436	332.6 ^{1.1}	775.5 ⁸	83.36 ⁶	858.8 ⁷	1191.5 ³	2.914 ³⁴	155.3 ^{2.0}	361	821.8 ^{1.0}	0.5163 ¹³	1.0450 ²²	1.5613 ⁹	0.51139 ¹²²
I.0436	332.5 ⁵	775.6 ⁴	83.35 ³	858.9 ⁴	1191.4 ²	2.920 ¹⁸	155	360.8 ⁵	821.6 ⁵	0.5161 ⁶	1.0454 ¹¹	1.5615 ⁵	0.51115 ⁶¹
I.0436	332.0 ⁵	776.0 ⁴	83.32 ³	859.3 ⁴	1191.3 ¹	2.938 ¹⁸	154	360.3 ⁵	821.1 ⁵	0.5155 ⁶	1.0465 ¹¹	1.5619 ⁴	0.51054 ⁶¹
I.0436	331.6 ^{1.0}	776.3 ⁸	83.30 ⁶	859.6 ⁸	1191.2 ³	2.949 ³⁵	153.4 ^{1.9}	360	820.8 ^{1.0}	0.5151 ¹²	1.0472 ²²	1.5622 ⁹	0.51017 ¹²²
I.0436	331.4 ⁶	776.4 ⁴	83.29 ³	859.7 ⁴	1191.1 ²	2.956 ¹⁸	153	359.8 ⁵	820.6 ⁵	0.5148 ⁷	1.0477 ¹²	1.5624 ⁵	0.50993 ⁶¹
I.0436	330.9 ⁵	776.9 ⁴	83.26 ³	860.1 ⁴	1191.0 ¹	2.974 ¹⁸	152	359.3 ⁵	820.1 ⁵	0.5141 ⁷	1.0488 ¹¹	1.5629 ⁵	0.50932 ⁶¹
I.0436	330.6 ^{1.0}	777.1 ⁸	83.24 ⁶	860.3 ⁷	1190.9 ³	2.984 ³⁵	151.5 ^{1.9}	359	819.8 ^{1.0}	0.5138 ¹³	1.0493 ²¹	1.5631 ⁹	0.50895 ¹²²
I.0436	330.3 ⁶	777.3 ⁴	83.23 ³	860.5 ⁴	1190.8 ²	2.993 ¹⁹	151	358.7 ⁶	819.5 ⁶	0.5135 ⁶	1.0499 ¹¹	1.5634 ⁵	0.50859 ⁷³
I.0436	329.7 ⁴	777.7 ⁴	83.19 ⁴	860.9 ⁴	1190.7 ¹	3.012 ¹⁹	150	358.2 ⁵	819.0 ⁵	0.5128 ⁷	1.0511 ¹²	1.5638 ⁶	0.50798 ⁶¹
I.0436	329.5 ^{1.1}	777.9 ⁸	83.18 ⁶	861.0 ⁷	1190.6 ³	3.020 ³⁶	149.6 ^{1.9}	358	818.8 ^{1.0}	0.5125 ¹³	1.0515 ²²	1.5640 ⁹	0.50773 ¹²²
I.0436	329.2 ⁵	778.1 ⁴	83.16 ³	861.3 ⁴	1190.5 ²	3.032 ²⁰	149	357.7 ⁵	818.5 ⁵	0.5121 ⁷	1.0523 ¹²	1.5643 ⁵	0.50737 ⁶¹
I.0436	328.6 ⁶	778.6 ⁵	83.13 ³	861.7 ⁴	1190.4 ¹	3.051 ¹⁹	148	357.1 ⁶	817.9 ⁷	0.5114 ⁷	1.0535 ¹²	1.5649 ⁶	0.50664 ⁷³
I.0436	328.5 ^{1.0}	778.7 ⁸	83.12 ⁶	861.8 ⁸	1190.3 ³	3.056 ³⁶	147.8 ^{1.8}	357	817.8 ^{1.0}	0.5112 ¹³	1.0537 ²²	1.5650 ¹⁰	0.50651 ¹²²

1.0436	328.0	4	779.0	4	83.09	4	862.1	2	3.071	147	5	817.4	7	1.0547	5	1.5654	62	0.50602
1.0436	327.5	5	779.5	3	83.06	4	862.5	1	3.091	146	6	816.8	7	1.0559	5	1.5659	73	0.50529
1.0436	327.4	1.1	779.5	8	83.06	7	862.5	3	3.092	146.0	1.0	816.8	12	1.0559	9	1.5659	122	0.50529
1.0436	326.9	6	779.5	4	83.03	4	862.5	2	3.112	145	5	816.3	7	1.0571	12	1.5664	61	0.50468
1.0436	326.4	1.0	779.9	8	83.00	8	862.9	3	3.130	144.2	1.8	815.8	13	1.0581	123	1.5668	123	0.50406
1.0436	326.3	6	780.4	5	82.99	4	863.3	2	3.133	144	6	815.7	7	1.0583	5	1.5669	74	0.50394
1.0436	325.7	1.1	780.8	4	82.96	4	863.7	2	3.155	143	6	815.1	7	1.0596	5	1.5674	73	0.50321
1.0436	325.3	1.1	781.1	8	82.94	7	864.0	3	3.168	142.4	1.8	814.8	13	1.0603	10	1.5678	122	0.50284
1.0436	325.1	6	781.3	5	82.93	5	864.2	2	3.176	142	5	814.6	8	1.0608	6	1.5680	62	0.50259
1.0436	324.5	6	781.7	4	82.89	4	864.6	1	3.197	141	6	814.0	7	1.0621	5	1.5685	73	0.50186
1.0436	324.3	1.0	781.9	8	82.88	8	864.8	3	3.206	140.6	1.0	813.8	13	1.0626	123	1.5687	123	0.50161
1.0436	324.0	5	782.2	5	82.86	4	865.0	2	3.219	140	5	813.5	7	1.0633	5	1.5690	62	0.50124
1.0436	323.4	6	782.6	4	82.83	4	865.4	2	3.241	139	6	812.9	7	1.0646	5	1.5695	74	0.50050
1.0436	323.3	1.0	782.7	8	82.82	7	865.5	3	3.245	138.8	1.0	812.8	13	1.0648	9	1.5696	123	0.50038
1.0436	322.8	6	783.1	5	82.79	5	865.9	1	3.263	138	6	812.3	8	1.0658	5	1.5700	74	0.49976
1.0436	322.2	1.1	783.5	8	82.76	8	866.3	3	3.284	137.0	1.0	811.8	12	1.0670	10	1.5706	123	0.49915
1.0436	322.2	6	783.5	4	82.76	4	866.3	2	3.285	137.0	5	811.8	6	1.0671	6	1.5706	61	0.49915
1.0436	321.6	6	784.0	5	82.72	4	866.7	2	3.307	136	6	811.2	8	1.0683	5	1.5711	74	0.49841
1.0436	321.2	1.0	784.3	8	82.69	7	867.0	3	3.324	135.2	1.0	810.8	13	1.0693	9	1.5715	123	0.49792

I.0436	321.0	6	784.4	4	82.68	4	867.1	4	1188.2	1	3.329	22	135	5	349.9	5	810.7	7	0.5021	13	1.5716	5	0.49779	62
I.0436	320.5	5	784.9	3	82.65	3	867.6	3	1188.0	2	3.352	23	134	6	349.3	6	810.1	7	0.5014	12	1.5722	6	0.49705	74
I.0436	320.1	1.1	785.1	8	82.63	6	867.8	8	1187.9	3	3.365	41	133.4	10	349	10	809.8	13	0.5010	22	1.5735	10	0.49668	134
I.0436	319.9	6	785.3	4	82.61	4	868.0	4	1187.8	2	3.375	23	133	6	348.7	6	809.5	7	0.5007	13	1.5738	6	0.49631	74
I.0436	319.3	6	785.8	5	82.57	4	868.4	4	1187.7	1	3.399	24	132	5	348.2	5	809.0	8	0.4999	13	1.5733	5	0.49569	62
I.0436	319.1	1.0	785.9	8	82.56	7	868.5	7	1187.6	3	3.407	42	131.7	10	348	10	808.8	13	0.4997	23	1.5734	9	0.49545	133
I.0436	318.7	6	786.3	5	82.53	4	868.8	4	1187.5	2	3.423	24	131	6	347.6	6	808.4	7	0.4992	13	1.5738	5	0.49495	74
I.0436	318.1	6	786.7	4	82.49	4	869.3	5	1187.3	2	3.447	24	130	5	347.1	5	807.9	7	0.4985	12	1.5744	6	0.49433	62
I.0436	318.0	1.1	786.8	9	82.49	7	869.3	8	1187.3	3	3.449	42	129.9	10	347	10	807.8	13	0.4984	22	1.5744	10	0.49421	124
I.0436	317.5	6	787.2	5	82.45	4	869.7	4	1187.1	1	3.471	24	129	6	346.5	6	807.3	8	0.4977	13	1.5749	5	0.49359	74
I.0436	317.0	1.0	787.6	8	82.42	7	870.0	7	1187.0	3	3.491	42	128.2	10	346	10	806.8	13	0.4971	23	1.5754	10	0.49297	124
I.0436	316.9	6	787.7	5	82.41	4	870.1	4	1187.0	1	3.495	24	128	6	345.9	6	806.7	7	0.4970	13	1.5754	6	0.49285	74
I.0436	316.3	6	788.1	4	82.37	4	870.5	4	1186.8	2	3.520	25	127	6	345.3	6	806.1	8	0.4962	13	1.5755	5	0.49210	75
I.0436	316.0	1.0	788.4	8	82.35	7	870.8	8	1186.7	3	3.534	43	126.5	10	345	10	805.8	13	0.4958	22	1.5753	9	0.49173	124
I.0436	315.7	6	788.6	5	82.33	4	871.0	5	1186.6	2	3.546	26	126	6	344.7	6	805.5	7	0.4955	14	1.5756	6	0.49136	74
I.0436	315.1	6	789.1	5	82.29	4	871.4	4	1186.4	2	3.572	26	125	6	344.1	6	804.9	8	0.4947	13	1.5772	6	0.49061	75
I.0436	314.9	1.1	789.2	8	82.28	7	871.5	7	1186.4	3	3.578	44	124.8	10	344	10	804.8	13	0.4945	23	1.5772	10	0.49049	124
I.0436	314.4	7	789.6	4	82.25	4	871.9	5	1186.3	1	3.599	27	124	6	343.5	6	804.3	8	0.4939	14	1.5778	6	0.48987	74
I.0436	313.9	1.0	790.0	8	82.21	7	872.3	8	1186.1	3	3.623	45	123.1	10	343	10	803.8	13	0.4932	23	1.5783	10	0.48925	124

1.0436	313.8	6	790.1	5	82.21	4	872.3	4	1186.1	2	3.626	27	123	6	342.9	6	803.7	6	0.4931	8	1.0853	14	1.5784	6	0.48912	75
1.0436	313.1	7	790.6	5	82.16	5	872.8	5	1185.9	2	3.054	28	122	6	342.3	6	803.1	6	0.4923	8	1.0867	14	1.5790	6	0.48837	75
1.0436	312.8	1.1	790.8	8	82.14	7	873.0	7	1185.8	3	3.668	45	121.5	1.6	342.3	1.0	802.8	1.0	0.4913	13	1.0874	23	1.5793	10	0.48800	125
1.0436	312.5	6	791.1	5	82.12	4	873.2	4	1185.7	2	3.082	28	121	6	341.7	6	802.5	6	0.4918	8	1.0881	14	1.5796	6	0.48763	74
1.0436	311.8	7	791.6	5	82.08	4	873.7	5	1185.5	2	3.711	29	120	6	341.1	6	801.9	6	0.4907	8	1.0895	14	1.5802	6	0.48688	75
1.0436	311.8	1.0	791.6	8	82.07	7	873.7	7	1185.5	3	3.714	46	119.9	1.6	341.1	1.0	801.8	1.0	0.4913	13	1.0895	22	1.5802	9	0.48675	125
1.0436	311.2	6	792.1	5	82.03	5	874.2	5	1185.3	2	3.740	29	119	7	341.1	7	801.7	7	0.4906	8	1.0896	15	1.5802	6	0.48675	87
1.0436	310.7	1.1	792.5	9	82.00	7	874.5	8	1185.2	3	3.760	46	118.3	1.6	340.4	1.0	801.2	1.0	0.4899	13	1.0910	23	1.5808	10	0.48601	124
1.0436	310.5	7	792.7	6	81.99	4	874.6	4	1185.1	2	3.770	30	118	6	339.8	6	800.6	6	0.4890	9	1.0924	14	1.5812	6	0.48551	75
1.0436	309.8	7	793.2	5	81.94	5	875.1	5	1184.9	2	3.801	31	117	7	339.1	7	799.9	7	0.4882	8	1.0939	15	1.5821	7	0.48438	88
1.0436	309.7	1.0	793.3	8	81.93	7	875.2	7	1184.9	3	3.807	47	116.8	1.5	339.1	1.0	799.8	1.0	0.4886	13	1.0942	23	1.5822	10	0.48426	125
1.0436	309.1	7	793.7	5	81.89	5	875.6	5	1184.7	2	3.832	31	116	6	338.5	6	799.3	6	0.4873	9	1.0942	15	1.5827	6	0.48402	75
1.0436	308.6	1.1	794.1	8	81.86	7	875.9	7	1184.6	3	3.855	48	115.3	1.5	338.5	1.0	798.8	1.0	0.4867	13	1.0965	23	1.5832	10	0.48301	125
1.0436	308.4	7	794.2	5	81.85	4	876.1	5	1184.5	2	3.864	32	115	7	337.8	7	798.6	7	0.4864	9	1.0969	15	1.5833	6	0.48276	87
1.0436	307.7	7	794.8	6	81.80	5	876.6	6	1184.3	2	3.897	33	114	6	337.1	6	797.9	6	0.4856	8	1.0984	15	1.5840	7	0.48188	88
1.0436	307.6	1.0	794.9	8	81.79	7	876.7	8	1184.3	3	3.904	49	113.8	1.5	337.1	1.0	797.8	1.0	0.4854	13	1.0988	23	1.5842	10	0.48175	126
1.0436	307.1	6	795.3	5	81.75	5	877.1	5	1184.1	2	3.930	33	113	6	336.5	6	797.3	6	0.4847	9	1.0988	16	1.5847	7	0.48113	75
1.0436	306.6	1.0	795.7	8	81.72	7	877.4	7	1184.0	3	3.954	50	112.3	1.5	336	1.0	796.8	1.0	0.4841	13	1.1011	23	1.5852	10	0.48050	125
1.0436	306.4	7	795.8	5	81.71	4	877.5	4	1183.9	2	3.964	34	112	6	335.8	6	796.6	6	0.4838	9	1.1015	15	1.5853	6	0.48025	88

1.0436	305.7 ⁷	796.4 ⁶	81.66 ⁵	878.0 ⁵	1183.7 ²	3.997 ³³	111 ^{1.5}	335.1 ⁷	795.9 ⁷	0.4829 ⁹	1.1031 ¹⁶	1.5860 ⁷	0.47937 ⁸⁸
1.0436	305.5 ^{1.1}	796.5 ⁸	81.65 ⁷	878.1 ⁷	1183.7 ³	4.004 ⁵⁰	110.8 ^{1.0}	335 ⁶	795.8 ^{1.0}	0.4828 ¹³	1.1034 ²³	1.5822 ¹⁰	0.47924 ¹²⁶
1.0436	305.0 ⁷	796.9 ⁵	81.61 ⁵	878.5 ⁵	1183.5 ²	4.031 ³⁴	110 ^{1.5}	334.5 ⁶	795.3 ⁶	0.4821 ⁸	1.1046 ¹⁵	1.5867 ⁷	0.47861 ⁷⁶
1.0436	304.5 ^{1.0}	797.3 ⁸	81.58 ⁷	878.9 ⁸	1183.4 ³	4.055 ⁵¹	109.3 ^{1.0}	334 ⁷	794.8 ^{1.0}	0.4815 ¹³	1.1057 ²³	1.5872 ¹⁰	0.47799 ¹²⁵
1.0436	304.3 ⁷	797.5 ⁶	81.57 ⁴	879.0 ⁵	1183.3 ²	4.066 ³⁵	109 ^{1.5}	333.8 ⁷	794.6 ⁷	0.4812 ⁹	1.1062 ¹⁶	1.5874 ⁷	0.47773 ⁸⁸
1.0436	303.6 ⁷	798.0 ⁵	81.52 ⁵	879.5 ⁵	1183.0 ³	4.101 ³⁵	108 ^{1.5}	333.1 ⁷	793.9 ⁷	0.4803 ⁹	1.1077 ¹⁵	1.5880 ⁶	0.47685 ⁸⁸
1.0436	303.4 ^{1.1}	798.1 ⁸	81.51 ⁷	879.6 ⁷	1183.0 ⁴	4.107 ⁵²	107.8 ^{1.0}	333 ^{1.0}	793.8 ^{1.0}	0.4802 ¹³	1.1080 ²³	1.5882 ¹⁰	0.47673 ¹²⁶
1.0436	302.8 ⁸	798.5 ⁵	81.47 ⁵	880.0 ⁵	1182.8 ²	4.136 ³⁵	107 ^{1.4}	332.4 ⁷	793.2 ⁷	0.4794 ⁹	1.1093 ¹⁶	1.5887 ⁷	0.47597 ⁸⁸
1.0436	302.4 ^{1.0}	798.9 ⁸	81.44 ⁷	880.3 ⁷	1182.7 ³	4.159 ⁵²	106.4 ^{1.0}	332 ⁶	792.8 ^{1.0}	0.4788 ¹⁴	1.1103 ²³	1.5892 ¹⁰	0.47547 ¹²⁶
1.0436	302.1 ⁷	799.1 ⁶	81.42 ⁵	880.5 ⁵	1182.6 ²	4.172 ³⁶	106 ^{1.5}	331.8 ⁶	792.6 ⁶	0.4785 ⁹	1.1109 ¹⁶	1.5894 ⁷	0.47521 ⁷⁶
1.0436	301.4 ⁷	799.6 ⁵	81.37 ⁵	881.0 ⁵	1182.4 ²	4.209 ³⁷	105 ^{1.5}	331.1 ⁷	791.9 ⁷	0.4776 ⁷	1.1125 ²⁴	1.5901 ⁷	0.47433 ⁸⁸
1.0436	301.3 ^{1.1}	799.7 ⁸	81.37 ⁷	881.1 ⁸	1182.4 ³	4.213 ⁵⁴	104.9 ^{1.0}	331 ^{1.0}	791.8 ^{1.0}	0.4775 ¹³	1.1127 ²⁴	1.5902 ¹⁰	0.47420 ¹²⁷
1.0436	300.7 ⁷	800.2 ⁶	81.33 ⁴	881.5 ⁵	1182.2 ²	4.247 ³⁸	104 ^{1.5}	330.4 ⁷	791.2 ⁷	0.4767 ⁷	1.1141 ¹⁶	1.5908 ⁷	0.47345 ⁸⁸
1.0436	300.3 ^{1.0}	800.5 ⁸	81.30 ⁷	881.8 ⁶	1182.1 ³	4.268 ⁵⁵	103.4 ^{1.0}	330 ^{1.0}	790.8 ^{1.0}	0.4762 ¹³	1.1150 ²³	1.5912 ¹⁰	0.47294 ¹²⁶
1.0436	300.0 ⁷	800.8 ⁶	81.28 ⁵	882.1 ⁶	1182.0 ²	4.285 ³⁸	103 ^{1.5}	329.7 ⁷	790.5 ⁷	0.4758 ⁷	1.1158 ¹⁷	1.5915 ⁷	0.47256 ⁸⁹
1.0436	299.3 ⁷	801.3 ⁵	81.23 ⁵	882.6 ⁵	1181.8 ²	4.323 ³⁸	102 ^{1.4}	329.0 ⁷	789.8 ⁷	0.4749 ⁹	1.1174 ¹⁶	1.5922 ⁷	0.47167 ⁸⁹
1.0436	299.3 ^{1.0}	801.3 ⁸	81.23 ⁷	882.6 ⁸	1181.8 ³	4.323 ⁵⁵	102.0 ^{1.0}	329 ^{1.0}	789.8 ^{1.0}	0.4749 ¹³	1.1174 ²⁴	1.5922 ¹⁰	0.47167 ¹²⁷
1.0436	298.5 ⁸	801.9 ⁶	81.18 ⁵	883.1 ⁵	1181.6 ²	4.362 ³⁹	101 ^{1.4}	328.3 ⁷	789.1 ⁷	0.4740 ⁹	1.1190 ¹⁶	1.5930 ⁸	0.47079 ⁸⁸
1.0436	298.2 ^{1.1}	802.1 ⁸	81.16 ⁷	883.3 ⁷	1181.5 ³	4.379 ⁵⁶	100.6 ^{1.0}	328 ^{1.0}	788.8 ^{1.0}	0.4736 ¹³	1.1197 ²³	1.5933 ¹¹	0.47041 ¹²⁶

I.0436	297.8	7	802.4	5	81.13	5	883.6	5	1181.4	2	40	100	327.6	7	0.4730	10	1.1207	17	1.5937	7	89	0.46090
I.0436	297.2	10	802.9	6	81.09	7	884.0	7	1181.2	3	57	1.43	327	1	0.4722	14	1.1221	24	1.5943	10	127	0.46194
I.0436	297.0	8	803.0	6	81.08	5	884.1	5	1181.2	2	41	99	326.9	7	0.4720	10	1.1224	17	1.5944	7	89	0.46901
I.0436	296.3	7	803.6	6	81.03	5	884.7	6	1180.9	3	42	98	326.1	8	0.4711	9	1.1241	17	1.5952	8	101	0.46800
I.0436	296.1	11	803.7	8	81.02	7	884.8	8	1180.9	3	58	1.38	326	1	0.4709	13	1.1244	23	1.5954	11	127	0.46787
I.0436	295.5	8	804.2	6	80.98	5	885.2	5	1180.7	2	43	97	325.4	7	0.4701	10	1.1258	17	1.5959	7	89	0.46711
I.0436	295.1	10	804.5	7	80.95	7	885.5	7	1180.6	3	58	1.36	325	1	0.4696	13	1.1268	24	1.5964	10	127	0.46660
I.0436	294.7	11	804.8	8	80.93	7	885.7	7	1180.5	2	44	96	324.7	7	0.4691	10	1.1276	24	1.5967	11	128	0.46622
I.0436	294.0	7	805.3	6	80.88	5	886.2	6	1180.3	3	60	1.33	324	8	0.4683	13	1.1292	24	1.5975	11	102	0.46532
I.0436	294.0	8	805.4	7	80.88	6	886.3	6	1180.3	2	45	95	323.9	8	0.4682	9	1.1294	18	1.5976	9	102	0.46520
I.0436	293.2	10	806.1	9	80.82	7	886.9	8	1180.1	3	61	94	323.2	7	0.4672	10	1.1312	18	1.5984	10	90	0.46430
I.0436	293.0	8	806.2	6	80.81	7	887.0	7	1180.0	3	47	93	323	8	0.4669	14	1.1316	24	1.5985	10	127	0.46405
I.0436	292.4	11	806.7	8	80.77	5	887.4	5	1179.8	3	62	92	322.4	8	0.4661	11	1.1319	19	1.5992	11	102	0.46328
I.0436	291.9	9	807.0	6	80.74	7	887.7	7	1179.7	3	49	92	322	8	0.4656	13	1.1340	24	1.5996	11	128	0.46277
I.0432	291.5	10	807.3	8	80.71	6	888.0	6	1179.6	2	50	92	321.6	8	0.4651	10	1.1349	18	1.6000	8	102	0.46226
I.0427	290.9	8	807.8	6	80.67	7	888.5	8	1179.4	3	63	91	321	8	0.4643	13	1.1364	24	1.6007	11	128	0.46149
I.0424	290.7	8	807.9	6	80.66	5	888.6	6	1179.3	3	50	91	320.8	8	0.4641	10	1.1368	19	1.6009	9	102	0.46124
I.0412	289.9	10	808.6	8	80.60	7	889.2	6	1179.1	2	51	90	320.0	8	0.4630	11	1.1388	20	1.6017	8	103	0.46021
I.0412	289.9	10	808.6	8	80.60	7	889.2	7	1179.1	3	63	89	320	8	0.4629	14	1.1388	24	1.6017	10	128	0.46021

1.0399	8	809.2	5	889.8	6	1178.9	2	4.812	52	89	8	319.2	8	780.0	11	0.4619	19	1.1407	9	1.6026	102	0.45919
1.0396	16	809.4	8	890.0	8	1178.8	3	4.925	04	88.73	124	319	1	779.8	13	0.4616	24	1.1412	11	1.6028	128	0.45893
1.0386	13	809.9	7	890.4	6	1178.6	3	4.904	52	88	8	318.4	8	779.2	11	0.4608	19	1.1426	8	1.6034	103	0.45816
1.0379	17	810.2	8	890.7	3	1178.5	3	4.991	66	87.50	123	318	1	778.8	13	0.4603	24	1.1436	11	1.6039	128	0.45765
1.0372	14	810.6	7	891.0	6	1178.4	2	5.017	53	87	8	317.6	8	778.4	10	0.4598	20	1.1446	9	1.6043	102	0.45714
1.0361	18	811.1	9	891.5	8	1178.2	3	5.038	67	86.26	124	317	1	777.8	14	0.4589	25	1.1461	11	1.6050	129	0.45636
1.0357	15	811.3	7	891.6	6	1178.1	3	5.072	55	86	8	316.8	8	777.6	12	0.4586	20	1.1466	9	1.6052	103	0.45611
1.0341	20	811.9	8	892.2	7	1177.9	3	5.126	68	85.03	123	316	1	776.8	13	0.4576	24	1.1485	11	1.6061	128	0.45508
1.0341	16	811.9	6	892.2	6	1177.9	2	5.128	56	85	8	316.0	8	776.8	10	0.4576	20	1.1486	9	1.6061	103	0.45508
1.0322	19	812.6	7	892.9	7	1177.7	2	5.185	57	84	9	315.1	9	775.9	11	0.4565	20	1.1506	10	1.6071	116	0.45392
1.0319	22	812.7	8	893.0	8	1177.7	2	5.195	69	83.82	121	315	1	775.8	13	0.4563	24	1.1509	11	1.6072	129	0.45379
1.0303	19	813.2	8	893.5	6	1177.5	2	5.243	58	83	8	314.3	8	775.1	11	0.4554	20	1.1526	9	1.6080	103	0.45289
1.0296	23	813.5	7	893.7	7	1177.4	3	5.265	70	82.61	21	314	1	774.8	14	0.4549	25	1.1534	11	1.6083	129	0.45250
1.0284	19	813.9	6	894.1	6	1177.2	3	5.302	59	82	8	313.5	8	774.3	11	0.4543	20	1.1546	9	1.6089	104	0.45185
1.0273	23	814.3	7	894.4	7	1177.1	3	5.337	72	81.47	120	313	1	773.8	13	0.4536	24	1.1558	11	1.6094	129	0.45121
1.0265	19	814.6	6	894.7	6	1177.0	2	5.362	63	81	9	312.6	9	773.4	12	0.4531	21	1.1567	9	1.6098	116	0.45069
1.0250	23	815.1	8	895.2	8	1176.8	3	5.410	73	80.22	119	312	1	772.8	13	0.4523	25	1.1583	12	1.6106	129	0.44992
1.0245	20	815.3	7	895.3	6	1176.7	3	5.424	62	80	8	311.8	8	772.6	11	0.4520	20	1.1587	10	1.6106	103	0.44966
1.0226	24	815.9	8	895.9	7	1176.5	3	5.484	74	79.03	119	311	1	771.8	13	0.4510	24	1.1607	11	1.6117	130	0.44862

1.0225	280.6	8	815.9	6	79.97	6	895.9	6	1176.5	2	5.486	62	79	311.0	8	771.8	8	0.4510	10	1.6118	10	0.44862	104
1.0203	279.7	9	816.6	7	79.91	6	896.5	6	1176.2	3	5.550	64	78	310.1	9	770.9	9	0.4498	12	1.6127	9	0.44745	117
1.0201	279.6	1.0	816.7	8	79.90	7	896.6	7	1176.2	3	5.559	75	77.87	1.16	1.0	770.8	1.0	0.4496	14	1.6128	11	0.44732	130
1.0160	278.8	9	817.3	7	79.85	6	897.1	6	1175.9	3	5.616	66	77	309.2	9	770.0	9	0.4486	12	1.6136	9	0.44628	117
1.0147	278.5	1.1	817.5	8	79.83	7	897.3	7	1175.8	4	5.635	76	76.72	1.15	1.0	769.8	1.0	0.4483	13	1.6139	11	0.44603	129
1.0128	277.9	1.0	817.9	7	79.79	6	897.7	6	1175.6	3	5.684	68	76	308.4	8	769.2	8	0.4475	11	1.6147	11	0.44525	103
1.0115	277.5	1.0	818.2	7	79.76	7	898.0	7	1175.5	3	5.712	77	75.59	308	9	768.8	9	0.4470	13	1.6151	12	0.44473	130
1.0107	277.0	9	818.6	7	79.72	7	898.4	7	1175.3	3	5.755	71	75	307.5	9	768.3	9	0.4463	12	1.6157	10	0.44408	117
1.0100	276.5	1.0	819.0	8	79.69	7	898.7	7	1175.2	3	5.791	79	74.48	307	1.0	767.8	1.0	0.4457	13	1.6162	11	0.44342	131
1.0098	276.1	9	819.3	7	79.66	6	899.0	6	1175.1	2	5.827	72	74	306.5	1.0	767.3	1.0	0.4451	12	1.6167	10	0.44277	131
1.0095	275.5	1.0	819.8	8	79.62	7	899.4	7	1174.9	3	5.871	80	73.39	306	1.0	766.8	1.0	0.4443	14	1.6173	11	0.44212	130
1.0093	275.1	1.0	820.1	8	79.59	7	899.7	7	1174.8	3	5.901	74	73	305.6	9	766.4	9	0.4439	12	1.6177	10	0.44160	117
1.0090	274.5	1.0	820.6	8	79.55	7	900.1	7	1174.6	3	5.952	81	72.32	305	1.0	765.8	1.0	0.4430	13	1.6185	12	0.44082	130
1.0088	274.2	9	820.8	7	79.53	6	900.3	6	1174.5	3	5.978	77	72	304.7	9	765.5	9	0.4426	13	1.6188	11	0.44042	118
1.0085	273.5	1.0	821.3	7	79.48	7	900.8	7	1174.3	3	6.035	83	71.27	304	1.0	764.8	1.0	0.4417	13	1.6199	11	0.43951	131
1.0084	273.2	1.0	821.5	8	79.46	7	901.0	7	1174.2	3	6.058	80	71	303.7	1.0	764.5	1.0	0.4413	13	1.6199	11	0.43912	130
1.0080	272.5	1.0	822.1	8	79.41	7	901.5	7	1174.0	3	6.119	84	70.24	303	1.0	763.8	1.0	0.4404	13	1.6207	11	0.43820	131
1.0079	272.2	1.0	822.3	8	79.39	7	901.7	7	1173.9	3	6.140	82	70	302.8	9	763.6	9	0.4401	12	1.6210	11	0.43794	118
1.0076	271.5	1.0	822.9	8	79.34	7	902.2	7	1173.7	3	6.205	86	69.22	302	1.0	762.8	1.0	0.4391	13	1.6219	12	0.43689	131

1.0076	3	9	823.0	7	79.32	7	902.4	3	1173.6	84	6.224	69	1.0	301.8	1.0	762.6	1.0	0.4388	13	1.1834	24	11	1.6221	131	0.43663
1.0076	1.0	7	823.6	8	79.26	8	902.9	3	1173.4	87	6.292	68.22	1.00	301	1.0	761.8	1.0	0.4377	14	1.1853	25	11	1.6230	131	0.43558
1.0076	1.1	8	823.8	7	79.25	7	903.1	3	1173.3	87	6.311	68	1.0	300.8	1.0	761.6	1.0	0.4374	14	1.1859	25	12	1.6233	131	0.43532
1.0076	1.0	8	824.4	8	79.19	8	903.6	3	1173.1	88	6.380	67.22	1.00	300	1.0	760.8	1.0	0.4364	13	1.1878	25	12	1.6242	131	0.43427
1.0076	1.0	8	824.6	8	79.17	8	903.8	4	1172.9	89	6.400	67	1.0	299.8	1.0	760.6	1.0	0.4361	13	1.1883	24	11	1.6244	132	0.43400
1.0076	1.1	8	825.2	7	79.12	7	904.3	4	1172.7	90	6.470	66.23	99	299	1.0	759.8	1.0	0.4351	13	1.1902	24	11	1.6253	132	0.43395
1.0076	1.0	8	825.4	8	79.09	8	904.5	3	1172.6	91	6.491	66	1.0	298.8	1.0	759.6	1.0	0.4348	13	1.1908	25	12	1.6256	131	0.43269
1.0076	1.0	8	826.0	8	79.04	8	905.0	3	1172.4	92	6.562	65.24	99	298	1.0	758.8	1.0	0.4338	13	1.1927	25	12	1.6265	132	0.43163
1.0076	1.0	8	826.2	7	79.02	7	905.2	3	1172.3	94	6.585	65	1.1	297.7	1.1	758.5	1.1	0.4335	13	1.1933	25	12	1.6268	145	0.43124
1.0076	1.0	7	826.7	7	78.97	7	905.7	3	1172.1	93	6.655	64.26	98	297	1.0	757.8	1.0	0.4324	14	1.1952	25	11	1.6276	132	0.43031
1.0076	1.0	7	826.9	8	78.94	8	905.9	3	1172.0	96	6.681	64	1.0	296.7	1.0	757.5	1.0	0.4320	15	1.1959	26	11	1.6279	132	0.42992
1.0076	1.0	8	827.5	8	78.89	8	906.4	3	1171.8	95	6.750	63.29	97	296	1.0	756.8	1.0	0.4311	13	1.1977	25	12	1.6288	132	0.42899
1.0076	1.1	8	827.7	7	78.87	7	906.6	3	1171.7	99	6.780	63	1.0	295.7	1.0	756.5	1.0	0.4307	13	1.1985	26	13	1.6292	132	0.42860
1.0076	1.0	8	828.3	8	78.82	8	907.1	3	1171.5	97	6.847	62.33	96	295	1.0	755.8	1.0	0.4298	13	1.2002	25	11	1.6299	132	0.42767
1.0076	1.0	9	828.6	9	78.79	9	907.3	7	1171.4	102	6.882	62	1.1	294.6	1.1	755.4	1.1	0.4293	14	1.2011	26	12	1.6304	146	0.42714
1.0076	1.0	8	829.1	8	78.74	8	907.8	3	1171.2	99	6.946	61.38	95	294	1.0	754.8	1.0	0.4284	14	1.2027	25	12	1.6311	132	0.42635
1.0076	1.1	8	829.4	8	78.71	8	908.1	3	1171.1	104	6.986	61	1.0	293.6	1.0	754.4	1.0	0.4279	14	1.2037	26	12	1.6316	132	0.42582
1.0076	1.0	7	829.8	7	78.67	7	908.5	7	1170.9	100	7.046	60.44	94	293	1.0	753.8	1.0	0.4271	13	1.2052	25	12	1.6323	133	0.42502
1.0076	1.1	8	830.2	8	78.63	8	908.8	3	1170.8	108	7.094	60	1.1	292.5	1.1	753.3	1.1	0.4265	14	1.2064	27	13	1.6329	146	0.42436

I.0076	261.4	1.0	830.6	8	78.59	8	909.2	7	1170.6	3	7.148	102	59.51	93	292	1.0	752.8	1.0	0.4258	13	1.2077	25	1.6335	12	0.42370	132
I.0076	260.8	1.1	831.0	8	78.54	9	909.6	8	1170.4	4	7.206	112	59	91	291.4	1.1	752.2	1.1	0.4250	15	1.2092	28	1.6342	13	0.42290	146
I.0076	260.4	1.0	831.4	8	78.51	8	909.9	7	1170.3	3	7.252	104	58.60	91	291	1.0	751.8	1.0	0.4244	14	1.2103	26	1.6347	12	0.42237	133
I.0076	259.7	1.1	831.9	9	78.48	9	910.4	8	1170.1	3	7.323	117	58	90	290.3	1.1	751.1	1.1	0.4235	15	1.2120	28	1.6355	13	0.42143	147
I.0076	259.4	1.0	832.2	8	78.43	8	910.6	7	1170.0	3	7.358	106	57.70	90	290	1.0	750.8	1.0	0.4231	13	1.2128	25	1.6359	12	0.42103	134
I.0076	258.6	1.1	832.7	8	78.37	8	911.2	8	1169.8	3	7.443	120	57	89	289.2	1.1	750.0	1.1	0.4220	15	1.2149	29	1.6369	14	0.41997	146
I.0076	258.4	1.0	832.9	7	78.36	7	911.3	7	1169.7	3	7.495	107	56.81	89	289	1.0	749.8	1.0	0.4217	14	1.2154	26	1.6371	12	0.41970	133
I.0076	257.4	1.2	833.6	9	78.29	9	912.0	8	1169.4	4	7.566	123	56	87	288.0	1.1	748.8	1.2	0.4205	15	1.2178	20	1.6383	14	0.41837	160
I.0076	257.4	1.0	833.7	8	78.28	8	912.0	7	1169.4	3	7.574	109	55.94	87	288	1.0	748.8	1.0	0.4204	13	1.2180	26	1.6384	13	0.41837	133
I.0076	256.4	1.0	834.5	8	78.21	7	912.7	7	1169.1	3	7.685	111	55.07	87	287	1.0	747.8	1.0	0.4190	14	1.2205	25	1.6396	12	0.41703	134
I.0076	256.3	1.1	834.6	8	78.20	8	912.8	8	1169.0	4	7.695	129	55	85	286.9	1.1	747.7	1.1	0.4189	16	1.2208	30	1.6397	14	0.41690	147
I.0076	255.3	1.1	835.3	8	78.13	8	913.4	7	1168.7	4	7.798	113	54.22	85	286	1.0	746.8	1.0	0.4177	13	1.2231	26	1.6408	12	0.41569	134
I.0076	255.1	1.2	835.5	9	78.11	9	913.6	8	1168.6	4	7.828	133	54	84	285.7	1.2	746.5	1.2	0.4173	16	1.2238	30	1.6411	14	0.41529	101
I.0076	254.3	1.0	836.0	7	78.06	7	914.1	7	1168.4	3	7.913	115	53.38	84	285	1.0	745.8	1.0	0.4163	14	1.2257	26	1.6420	12	0.41435	134
I.0076	253.9	1.2	836.4	9	78.02	9	914.4	8	1168.3	3	7.967	139	53	83	284.5	1.2	745.3	1.2	0.4157	16	1.2269	31	1.6426	15	0.41368	161
I.0076	253.3	1.0	836.8	8	77.98	8	914.8	7	1168.1	3	8.030	117	52.55	83	284	1.0	744.8	1.0	0.4150	13	1.2283	26	1.6433	13	0.41301	134
I.0076	252.7	1.2	837.3	9	77.93	9	915.3	8	1167.9	4	8.110	143	52	82	283.3	1.2	744.1	1.2	0.4141	16	1.2300	31	1.6441	15	0.41207	161
I.0076	252.3	1.0	837.6	8	77.91	7	915.5	7	1167.8	3	8.149	119	51.73	82	283	1.0	743.8	1.0	0.4136	14	1.2309	26	1.6445	12	0.41167	134
I.0076	251.4	1.3	838.3	10	77.84	9	916.1	8	1167.5	4	8.259	149	51	81	282.1	1.2	742.9	1.2	0.4124	17	1.2332	32	1.6457	16	0.41046	161

1.0076	1.0	838.4	8	77.83	8	916.2	7	1167.5	3	8.271	122	50.92	81	282	1.0	742.8	13	0.4123	13	1.2335	26	1.6458	13	0.41032	135
1.0076	1.0	839.1	7	77.76	7	916.9	3	1167.2	3	8.395	124	50.12	80	281	1.0	741.8	14	0.4109	14	1.2361	26	1.6470	12	0.40897	135
1.0076	1.2	839.2	9	77.75	9	917.0	3	1167.2	3	8.414	155	50.8	1.3	280.8	1.3	741.0	17	0.4107	17	1.2305	33	1.6472	15	0.40871	175
1.0076	1.0	839.9	8	77.68	8	917.6	3	1166.9	3	8.521	126	49.33	79	280	1.0	740.8	13	0.4096	13	1.2387	26	1.6483	13	0.40762	135
1.0076	1.3	840.2	10	77.65	10	917.9	4	1166.8	4	8.576	162	49	1.2	279.6	1.2	740.4	17	0.4090	17	1.2398	33	1.6488	16	0.40709	162
1.0076	1.0	840.7	8	77.61	7	918.3	3	1166.6	3	8.649	128	48.55	78	279	1.0	739.8	14	0.4082	14	1.2413	26	1.6496	13	0.40627	135
1.0076	1.3	841.2	10	77.55	10	918.8	4	1166.4	4	8.742	166	48	1.3	278.3	1.3	739.1	16	0.4074	16	1.2432	34	1.6505	17	0.40533	176
1.0076	1.0	841.5	8	77.53	8	919.0	3	1166.3	3	8.780	131	47.78	77	278	1.0	738.8	13	0.4069	13	1.2440	27	1.6509	13	0.40492	135
1.0076	1.0	842.2	7	77.46	7	919.7	3	1166.0	3	8.913	133	47.02	76	277	1.0	737.8	13	0.4056	13	1.2466	26	1.6522	13	0.40357	135
1.0076	1.4	842.2	10	77.46	10	919.7	4	1165.7	4	8.917	175	47	1.3	277.0	1.3	737.8	18	0.4056	18	1.2467	35	1.6522	17	0.40357	176
1.0076	1.0	843.0	8	77.38	8	920.4	3	1165.7	3	9.049	136	46.27	75	276	1.0	736.8	14	0.4042	14	1.2492	26	1.6535	13	0.40221	190
1.0076	1.1	843.3	11	77.36	11	920.7	4	1165.6	4	9.100	183	46	1.4	275.6	1.4	736.4	19	0.4037	19	1.2502	35	1.6539	17	0.40167	190
1.0076	1.0	843.8	8	77.31	7	921.1	3	1165.4	3	9.187	138	45.53	74	275	1.0	735.8	14	0.4028	14	1.2519	27	1.6547	12	0.40085	136
1.0076	1.4	844.4	11	77.25	11	921.6	4	1165.2	4	9.290	190	45	1.3	274.3	1.3	735.1	19	0.4018	19	1.2538	36	1.6556	17	0.39990	177
1.0076	1.0	844.6	8	77.23	8	921.8	3	1165.1	3	9.328	141	44.80	73	274	1.0	734.8	13	0.4015	13	1.2566	26	1.6560	13	0.39949	136
1.0076	1.0	845.3	7	77.16	7	922.5	3	1164.8	3	9.471	143	44.08	72	273	1.0	733.8	14	0.4001	14	1.2572	27	1.6573	13	0.39813	136
1.0076	1.4	845.4	10	77.15	10	922.6	5	1164.7	5	9.487	197	44	1.4	272.9	1.4	733.7	19	0.3999	19	1.2575	37	1.6574	18	0.39800	190
1.0076	1.1	846.1	8	77.08	8	923.2	4	1164.4	4	9.617	146	43.37	71	272	1.0	732.8	14	0.3987	14	1.2599	27	1.6586	13	0.39677	136
1.0076	1.4	846.5	11	77.04	11	923.6	4	1164.3	4	9.696	209	43	1.4	271.5	1.4	732.3	19	0.3980	19	1.2613	38	1.6593	19	0.39609	191

1.0076	240.2	846.9	77.01	923.9	1164.1	9.766	42.67	271	731.8	0.3973	1.2625	1.6599	0.39540
	1.4	1.1	11	1.0	5	217		1.5	1.5	20	39	19	137
1.0076	239.3	847.6	76.93	924.6	1163.8	9.913	42	270.0	730.8	0.3960	1.2652	1.6612	0.39403
	1.0	8	8	7	3	152	69	1.0	1.0	13	27	13	137
1.0076	239.2	847.7	76.93	924.6	1163.8	9.918	41.98	270	730.8	0.3960	1.2652	1.6612	0.39403
	1.0	7	7	7	3	15	68	1.0	1.0	14	27	13	137
1.0076	238.2	848.4	76.86	925.3	1163.5	10.07	41.30	269	729.8	0.3946	1.2679	1.6625	0.39266
	1.5	1.1	11	1.0	4	23		1.5	1.5	20	39	19	205
1.0076	237.8	848.7	76.82	925.6	1163.4	10.14	41	268.5	729.3	0.3940	1.2691	1.6631	0.39198
	1.0	8	8	7	3	16	67	1.0	1.0	14	27	13	137
1.0076	237.2	849.2	76.78	926.0	1163.2	10.23	40.63	268	728.8	0.3932	1.2706	1.6638	0.39129
	1.5	1.2	11	1.1	5	24		1.5	1.5	21	41	20	206
1.0076	236.3	849.9	76.71	926.7	1162.9	10.38	40	267.0	727.8	0.3919	1.2732	1.6651	0.38992
	1.0	8	7	7	3	16	67	1.0	1.0	14	27	13	137
1.0076	236.2	850.0	76.71	926.7	1162.9	10.39	39.96	267	727.8	0.3918	1.2733	1.6651	0.38992
	1.0	8	8	7	3	16	66	1.0	1.0	14	27	14	137
1.0076	235.2	850.8	76.63	927.4	1162.6	10.55	39.30	266	726.8	0.3904	1.2760	1.6665	0.38855
	1.6	1.2	11	1.0	4	25		1.5	1.5	21	41	20	206
1.0076	234.7	851.1	76.60	927.7	1162.5	10.63	39	265.5	726.3	0.3898	1.2773	1.6671	0.38786
	1.0	7	7	7	3	17	65	1.0	1.0	13	27	13	138
1.0076	234.2	851.5	76.56	928.1	1162.3	10.72	38.65	265	725.8	0.3891	1.2787	1.6678	0.38717
	1.0	8	8	7	3	17	64	1.0	1.0	14	28	14	138
1.0076	233.2	852.3	76.48	928.8	1162.0	10.89	38.01	264	724.8	0.3877	1.2815	1.6692	0.38579
	1.5	1.2	12	1.1	5	20		1.5	1.5	21	42	21	207
1.0076	233.2	852.3	76.48	928.8	1162.0	10.89	38	264.0	724.8	0.3877	1.2815	1.6692	0.38579
	1.0	8	7	7	3	17	63	1.0	1.0	14	27	13	138
1.0076	232.2	853.1	76.41	929.5	1161.7	11.06	37.38	263	723.8	0.3863	1.2842	1.6705	0.38441
	1.6	1.3	12	1.1	5	28		1.6	1.6	23	44	21	221
1.0076	231.6	853.6	76.36	929.9	1161.5	11.17	37	262.4	723.2	0.3854	1.2859	1.6713	0.38358
	1.0	8	8	7	3	18	62	1.0	1.0	14	28	14	138
1.0076	231.2	853.9	76.33	930.2	1161.4	11.24	36.76	262	722.8	0.3849	1.2870	1.6719	0.38303
	1.0	7	7	7	3	18	61	1.0	1.0	14	27	13	139
1.0076	230.2	854.6	76.26	930.9	1161.1	11.42	36.15	261	721.8	0.3835	1.2897	1.6732	0.38164
	1.7	1.2	12	1.2	5	30		1.7	1.7	23	45	23	235
1.0076	229.9	854.8	76.24	931.1	1161.0	11.47	36	260.7	721.5	0.3831	1.2904	1.6736	0.38123
	1.0	8	8	7	3	18	60	1.0	1.0	14	28	14	138
1.0076	229.2	855.4	76.18	931.6	1160.8	11.60	35.55	260	720.8	0.3821	1.2925	1.6746	0.38026

1.0076	228.2	17	856.1	13	76.11	12	932.3	6	1160.4	31	11.78	35	259.1	16	719.9	23	0.3808	47	1.2951	23	1.6759	222	0.37901
1.0076	228.1	11	856.2	8	76.11	7	932.3	4	1160.4	18	11.78	59	259	10	719.8	14	0.3807	28	1.2953	14	1.6760	139	0.37887
1.0076	227.1	10	857.0	8	76.03	8	933.0	3	1160.1	19	11.93	58	258	10	718.8	14	0.3793	28	1.2981	14	1.6774	139	0.37748
1.0076	226.5	17	857.5	8	75.98	13	933.5	5	1159.9	33	12.11	58	257.4	17	718.2	24	0.3784	48	1.2999	2	1.6783	237	0.37664
1.0076	226.1	10	857.8	8	75.95	8	933.7	3	1159.8	19	12.17	57	257	10	717.8	14	0.3779	28	1.3009	14	1.6788	139	0.37609
1.0076	225.1	10	858.6	7	75.88	7	934.5	2	1159.6	20	12.37	57	256	10	716.8	14	0.3765	28	1.3037	14	1.6802	140	0.37469
1.0076	224.7	18	858.9	8	75.85	13	934.8	5	1159.4	35	12.46	55	255.6	18	716.4	25	0.3759	49	1.3048	24	1.6807	251	0.37413
1.0076	224.1	10	859.4	8	75.80	8	935.2	3	1159.3	20	12.57	57	255	10	715.8	14	0.3751	28	1.3065	14	1.6816	139	0.37330
1.0076	223.1	10	860.2	8	75.72	8	935.9	3	1159.0	21	12.78	56	254	10	714.8	14	0.3737	28	1.3093	14	1.6830	140	0.37190
1.0076	222.9	18	860.3	8	75.71	14	936.0	5	1158.9	36	12.82	56	253.5	18	714.6	25	0.3734	50	1.3098	25	1.6832	251	0.37162
1.0076	222.1	10	861.0	8	75.64	8	936.6	3	1158.7	21	12.93	56	253	10	713.8	14	0.3723	28	1.3121	14	1.6844	140	0.37050
1.0076	221.1	18	861.7	8	75.56	15	937.3	5	1158.4	38	13.20	55	252	18	712.8	25	0.3709	51	1.3149	26	1.6858	252	0.36910
1.0076	221.1	10	861.7	7	75.56	8	937.3	3	1158.4	22	13.21	56	252	10	712.8	15	0.3708	29	1.3150	14	1.6858	140	0.36910
1.0076	220.1	10	862.5	8	75.48	8	938.0	3	1158.1	22	13.43	55	251	10	711.8	14	0.3694	28	1.3178	14	1.6872	141	0.36769
1.0076	219.3	18	863.1	8	75.42	14	938.6	5	1157.9	41	13.61	54	250.2	18	711.0	26	0.3683	52	1.3201	26	1.6884	253	0.36657
1.0076	219.1	10	863.3	8	75.40	8	938.7	3	1157.8	22	13.65	54	250	10	710.8	14	0.3680	28	1.3206	14	1.6886	140	0.36629
1.0076	218.1	10	864.1	8	75.32	8	939.4	3	1157.5	23	13.88	53	249	10	709.8	14	0.3660	29	1.3235	15	1.6901	141	0.36488
1.0076	217.4	19	864.6	8	75.27	15	939.9	6	1157.3	43	14.04	52	248.3	19	709.1	27	0.3656	53	1.3254	27	1.6911	268	0.36389
1.0076	217.1	10	864.9	8	75.24	8	940.1	3	1157.2	23	14.11	52	248	10	708.8	14	0.3652	29	1.3264	14	1.6915	141	0.36347

1.0076	1.0	216.1	7	865.6	75.16	8	940.8	1156.9	3	23	52	247	1.0	3638	14	1.3292	15	1.6930	141	0.36206
1.0076	2.0	215.4	15	866.1	75.11	16	941.3	1156.6	7	45	28	246.3	2.0	3029	27	1.3310	30	1.6939	282	0.36107
1.0076	1.1	215.0	8	866.4	75.08	8	941.5	1156.5	4	24	50	246	1.0	3029	15	1.3321	14	1.6944	142	0.36064
1.0076	1.0	214.0	8	867.2	75.00	8	942.2	1156.2	3	25	49	245	1.0	3009	14	1.3350	15	1.6959	141	0.35923
1.0076	2.1	213.3	16	867.7	74.95	14	942.7	1156.0	6	51	27	244.3	2.0	3009	29	1.3379	30	1.6969	284	0.35823
1.0076	1.0	213.0	8	868.0	74.92	8	942.9	1155.9	3	25	49	244	1.0	3000	14	1.3379	15	1.6974	142	0.35781
1.0076	1.0	212.0	8	868.8	74.84	8	943.6	1155.6	3	26	48	243	1.0	3000	15	1.3408	16	1.6988	144	0.35639
1.0076	2.1	211.2	16	869.3	74.78	17	944.2	1155.6	6	54	26	242.2	2.1	3000	31	1.3431	31	1.7000	208	0.35525
1.0076	1.0	211.0	7	869.5	74.76	8	944.3	1155.3	3	26	46	242	1.0	3000	14	1.3437	15	1.7003	142	0.35497
1.0076	1.0	210.0	8	870.3	74.68	8	945.0	1155.0	3	27	46	241	1.0	3000	14	1.3460	15	1.7018	143	0.35354
1.0076	2.2	209.0	17	871.0	74.60	18	945.7	1154.7	7	60	25	240.0	2.2	3000	32	1.3495	33	1.7033	313	0.35212
1.0076	1.0	209.0	8	871.1	74.60	8	945.7	1154.7	3	27	45	240	1.0	3000	15	1.3495	15	1.7033	142	0.35212
1.0076	1.0	208.0	8	871.9	74.52	8	946.4	1154.4	3	28	43	239	1.0	3000	14	1.3525	15	1.7048	143	0.35069
1.0076	1.0	207.0	8	872.7	74.44	8	947.1	1154.1	3	28	44	238	1.0	3000	14	1.3554	15	1.7063	143	0.34926
1.0076	2.3	206.7	18	872.8	74.42	18	947.3	1154.0	7	64	24	237.7	2.3	3000	32	1.3562	34	1.7067	329	0.34883
1.0076	1.0	206.0	7	873.4	74.36	8	947.8	1153.8	3	29	43	237	1.0	3000	15	1.3583	15	1.7078	143	0.34783
1.0076	1.0	205.0	8	874.2	74.28	8	948.5	1153.5	3	30	43	236	1.0	3000	14	1.3613	15	1.7093	144	0.34639
1.0076	2.3	204.4	19	874.7	74.23	19	948.9	1153.3	7	68	23	235.4	2.3	3000	34	1.3630	35	1.7102	330	0.34553
1.0076	1.0	204.0	8	875.0	74.20	8	949.2	1153.2	3	30	43	235	1.0	3000	15	1.3643	15	1.7108	143	0.34496

1.0076	1.0	203.0	875.8	8	74.12	8	949.9	7	1152.9	3	17.90	31	22.41	42	284	694.8	1.0	0.3451	14	1.3673	30	1.7123	15	0.34352	144
1.0076	1.1	201.9	876.6	8	74.04	7	950.6	7	1152.5	4	18.22	32	22.00	41	283	693.8	1.0	0.3436	15	1.3702	29	1.7139	16	0.34208	144
1.0076	1.2	201.9	876.6	9	74.04	17	950.6	17	1152.5	8	18.22	76			2.4	693.8	2.4	0.3436	35	1.3702	72	1.7139	37	0.34208	345
1.0076	1.0	200.9	877.3	7	73.96	8	951.3	7	1152.2	3	18.54	32	21.59	41	282	692.8	1.0	0.3422	14	1.3732	30	1.7154	15	0.34064	144
1.0076	1.0	199.9	878.1	8	73.88	7	952.0	7	1151.9	3	18.87	33	21.19	40	281	691.8	1.0	0.3407	15	1.3762	30	1.7169	15	0.33919	145
1.0076	1.0	199.4	878.5	9	73.84	20	952.3	17	1151.8	7	18.87	81			2.5	691.3	2.5	0.3400	36	1.3777	75	1.7177	38	0.33847	361
1.0076	1.0	198.9	878.9	8	73.80	8	952.7	7	1151.6	3	19.20	33	20.79	40	280	690.8	1.0	0.3392	15	1.3792	30	1.7185	16	0.33775	144
1.0076	1.0	197.9	879.7	8	73.72	8	953.4	7	1151.3	3	19.54	34	20.40	39	229	689.8	1.0	0.3378	14	1.3822	30	1.7200	15	0.33630	145
1.0076	1.0	196.9	880.5	8	73.63	9	954.1	7	1151.0	3	19.89	35	20.02	38	228	688.8	1.0	0.3363	15	1.3852	30	1.7216	16	0.33485	145
1.0076	1.0	196.8	880.5	8	73.63	21	954.1	18	1151.0	8	19.91	88			2.6	688.7	2.6	0.3362	38	1.3854	77	1.7216	37	0.33470	377
1.0076	1.0	195.9	881.3	7	73.55	8	954.8	7	1150.7	3	20.25	36	19.05	37	227	687.8	1.0	0.3348	15	1.3883	31	1.7231	15	0.33339	146
1.0076	1.0	194.9	882.0	7	73.47	8	955.5	7	1150.4	3	20.62	37	19.28	37	226	686.8	1.0	0.3334	14	1.3913	30	1.7247	16	0.33194	145
1.0076	1.0	194.1	882.6	8	73.41	22	956.0	19	1150.2	8	20.90	99			2.7	686.0	2.7	0.3323	39	1.3936	82	1.7259	43	0.33077	393
1.0076	1.0	193.9	882.8	8	73.39	8	956.2	7	1150.1	3	20.99	37	18.92	36	19	685.8	1.0	0.3319	15	1.3944	31	1.7279	16	0.33048	146
1.0076	1.0	192.9	883.6	8	73.30	9	956.9	7	1149.8	3	21.37	38	18.56	36	225	684.8	1.0	0.3319	14	1.3974	30	1.7292	16	0.32902	146
1.0076	1.0	191.9	884.4	8	73.22	8	957.6	7	1149.5	3	21.76	39	18.21	35	224	683.8	1.0	0.3305	15	1.3994	31	1.7295	16	0.32756	146
1.0076	1.0	191.2	884.9	2.3	73.17	24	958.0	2.0	1149.3	9	22.01	1.11			2.8	683.2	2.8	0.3281	42	1.4005	88	1.7305	46	0.32668	499
1.0076	1.0	190.9	885.2	8	73.14	8	958.3	7	1149.2	3	22.16	40	17.87	34	222	682.8	1.0	0.3275	15	1.4024	31	1.7310	16	0.32610	146
1.0076	1.0	189.9	886.0	8	73.05	9	959.0	7	1148.9	3	22.57	41	17.53	34	221	681.8	1.0	0.3260	15	1.4067	31	1.7327	16	0.32463	147

1.0076	177.4	1.4	16	1.2	5	90	28	1.7	1.7	27	56	30	253
	895.8	8	71.98	967.7	1145.2	28.30	56	208.7	669.5	0.3076	1.4455	1.7552	0.30643
1.0076	176.8	1.0	9	7	3	53	27.62	208	1.1	15	32	17	140
	896.3	8	71.92	968.2	1145.0	28.66	56	207	668.8	0.3066	1.4477	1.7543	0.30338
1.0076	175.7	1.1	8	7	3	54	27.06	207	1.0	15	32	18	150
	897.1	8	71.83	968.9	1144.7	29.20	54	206.9	667.8	0.3051	1.4509	1.7561	0.30388
1.0076	175.6	1.4	16	1.3	5	97	27	1.8	1.8	27	58	31	270
	897.2	8	71.82	969.0	1144.7	29.27	54	206	667.7	0.3049	1.4513	1.7563	0.30373
1.0076	174.7	1.0	9	7	3	56	26.52	206	1.0	15	33	17	150
	897.9	8	71.74	969.6	1144.4	29.76	54	205.0	666.8	0.3036	1.4542	1.7578	0.30238
1.0076	173.7	1.5	17	1.4	6	105	26	1.9	1.9	28	61	32	285
	898.7	8	71.65	970.4	1144.1	30.32	53	204	665.8	0.3021	1.4574	1.7595	0.30088
1.0076	173.7	1.0	9	8	3	57	25.99	205	1.0	15	32	17	150
	898.7	8	71.65	970.4	1144.1	30.33	53	203.1	664.8	0.3021	1.4574	1.7595	0.30088
1.0076	172.7	1.0	9	7	3	59	25.46	204	1.0	15	33	18	150
	899.5	8	71.56	971.1	1143.8	30.92	53	203.1	663.9	0.3000	1.4607	1.7613	0.29938
1.0076	171.8	1.0	9	7	3	60	25	1.9	1.9	29	63	34	285
	900.2	8	71.48	971.7	1143.5	31.46	51	202	663.9	0.2992	1.4637	1.7629	0.29803
1.0076	171.7	1.0	9	7	3	61	24.95	203	1.0	15	33	17	150
	900.3	8	71.47	971.8	1143.5	31.52	51	202	663.8	0.2991	1.4640	1.7630	0.29788
1.0076	170.7	1.0	9	7	3	62	24.44	202	1.0	15	32	18	151
	901.1	8	71.38	972.5	1143.2	32.13	51	201.1	662.8	0.2976	1.4672	1.7648	0.29637
1.0076	169.8	1.6	18	1.4	6	123	24	2.0	2.0	30	65	34	302
	901.8	8	71.30	973.1	1142.9	32.69	50	201	661.9	0.2962	1.4702	1.7663	0.29501
1.0076	169.7	1.0	9	7	3	63	23.94	201	1.0	16	33	17	151
	901.9	8	71.29	973.2	1142.9	32.76	49	200	661.8	0.2960	1.4705	1.7665	0.29486
1.0076	168.7	1.0	9	7	3	64	23.45	200	1.0	15	33	18	151
	902.7	8	71.20	973.9	1142.6	33.40	49	199.1	660.8	0.2945	1.4738	1.7683	0.29335
1.0076	167.8	1.6	18	1.4	6	133	23	2.0	2.0	31	67	37	303
	903.4	8	71.12	974.5	1142.3	34.02	48	199	659.9	0.2931	1.4769	1.7700	0.29198
1.0076	167.7	1.0	9	7	3	66	22.97	199	1.0	15	33	18	152
	903.5	8	71.11	974.6	1142.3	34.06	47	198	659.8	0.2930	1.4771	1.7701	0.29183
1.0076	166.7	1.0	9	7	3	67	22.50	198	1.0	15	33	18	151
	904.3	8	71.02	975.3	1142.0	34.73	47	197	658.8	0.2915	1.4804	1.7719	0.29032
1.0076	165.7	1.0	9	7	3	69	22.03	197	1.0	16	33	17	152
	905.1	8	70.93	976.0	1141.7	35.42	47	196.9	657.8	0.2899	1.4837	1.7736	0.28880
1.0076	165.6	1.7	19	1.5	6	145	22	2.2	2.2	33	70	37	334
	905.1	8	70.93	976.0	1141.7	35.47	48	22	657.7	0.2898	1.4839	1.7737	0.28864

1.0076	164.7	1.0	9	70.84	9	7	1141.4	3	71	46	196	1.0	15	14870	18	153	0.28727
1.0076	163.7	1.0	8	70.75	9	7	1141.1	3	72	44	195	1.0	15	14904	18	152	0.28575
1.0076	163.4	2.2	18	70.73	20	1.6	1141.0	7	1.57		2.2	2.2	34	74	40	335	0.28529
1.0076	162.7	1.0	7	70.66	9	7	1140.8	3	74	44	194	1.0	16	14937	18	153	0.28422
1.0076	161.6	1.1	8	70.57	9	7	1140.4	4	76	44	193	1.0	15	14971	19	152	0.28270
1.0076	161.0	2.4	18	70.52	21	1.6	1140.2	8	1.78		2.3	2.3	36	78	43	351	0.28178
1.0076	160.6	1.0	8	70.48	9	7	1140.1	3	78	42	192	1.0	16	14991	18	153	0.28117
1.0076	159.6	1.0	8	70.39	9	7	1139.8	3	79	42	191	1.0	15	15005	18	154	0.27903
1.0076	158.6	2.4	19	70.30	22	1.7	1139.5	7	1.90		2.4	2.4	37	81	44	368	0.27810
1.0076	158.6	1.0	8	70.30	9	7	1139.2	3	81	41	190	1.0	16	15072	19	153	0.27810
1.0076	157.6	1.0	8	70.21	9	7	1139.2	3	82	41	189	1.0	15	15106	18	154	0.27656
1.0076	156.6	1.0	8	70.12	9	7	1138.9	3	85	40	188	1.0	16	15140	19	154	0.27502
1.0076	156.1	2.5	20	70.08	22	1.8	1138.7	8	2.12		2.5	2.5	38	85	46	385	0.27425
1.0076	155.6	1.0	8	70.03	9	7	1138.6	3	87	39	187	1.0	15	15157	19	154	0.27348
1.0076	154.6	1.0	8	69.94	9	7	1138.3	3	89	38	186	1.0	16	15175	18	155	0.27193
1.0076	153.6	1.0	8	69.85	9	7	1138.0	3	92	37	185	1.0	15	15209	19	155	0.27038
1.0076	153.4	2.7	24	69.84	24	1.8	1137.9	8	2.38		2.6	2.6	41	91	50	402	0.26602
1.0076	152.6	1.0	7	69.76	9	7	1137.7	3	94	36	184	1.0	16	15248	19	155	0.26883
1.0076	151.6	1.0	8	69.67	9	7	1137.4	3	96	36	183	1.0	16	15312	19	155	0.26728

1.0076	150.6	2.8	916.9	2.2	69.59	25	1.9	986.4	8	47.91	2.69	16	182.1	2.8	642.9	2.8	642.9	44	0.2668	97	1.5345	53	1.8013	435	0.26588
1.0076	150.6	1.0	916.9	8	69.59	9	7	986.5	3	47.98	98	15.98	182	1.0	642.8	15	642.8	15	0.2667	35	1.5347	19	1.8014	155	0.26573
1.0076	149.6	1.0	917.7	8	69.58	9	7	987.2	3	1.01	1.01	15.63	181	1.0	641.8	16	641.8	16	0.2651	35	1.5382	19	1.8033	156	0.26417
1.0076	148.5	1.1	918.5	8	69.49	9	7	987.9	4	1.03	1.03	15.29	180	1.0	640.8	16	640.8	16	0.2635	35	1.5417	19	1.8052	156	0.26261
1.0076	147.6	3.0	919.2	2.3	69.32	27	2.1	988.5	9	3.02	3.02	15	179.1	3.0	639.9	46	639.9	46	0.2622	103	1.5448	56	1.8069	467	0.26121
1.0076	147.5	1.0	919.3	8	69.31	9	7	988.6	3	1.05	1.05	14.96	179	1.0	639.8	15	639.8	15	0.2620	35	1.5452	20	1.8072	156	0.26105
1.0076	146.5	1.0	920.1	8	69.22	9	7	989.3	3	1.08	1.08	14.63	178	1.0	638.8	16	638.8	16	0.2604	35	1.5487	19	1.8091	157	0.25949
1.0076	145.5	1.0	920.9	8	69.13	9	7	990.0	3	1.12	1.12	14.31	177	1.0	637.8	16	637.8	16	0.2588	35	1.5522	19	1.8110	157	0.25792
1.0076	144.5	3.1	921.6	2.4	69.04	28	2.2	990.7	1.0	3.44	3.44	14	176.0	3.1	636.8	49	636.8	49	0.2573	109	1.5557	60	1.8129	486	0.25635
1.0076	144.5	1.0	921.7	8	69.04	9	7	990.7	3	1.14	1.14	13.99	176	1.0	636.8	16	636.8	16	0.2572	36	1.5558	20	1.8130	157	0.25635
1.0076	143.5	1.0	922.5	8	68.95	9	7	991.4	3	1.16	1.16	13.67	175	1.0	635.8	16	635.8	16	0.2556	35	1.5593	20	1.8150	157	0.25478
1.0076	142.5	1.0	923.3	8	68.85	9	7	992.1	3	1.20	1.20	13.35	174	1.0	634.8	15	634.8	15	0.2541	36	1.5629	19	1.8169	157	0.25321
1.0076	141.5	1.0	924.0	7	68.76	9	7	992.8	3	1.23	1.23	13.04	173	1.0	633.8	16	633.8	16	0.2525	35	1.5664	20	1.8189	158	0.25163
1.0076	141.3	3.2	924.1	2.5	68.75	29	2.2	992.9	1.0	3.80	3.80	13	172.8	3.2	633.6	52	633.6	52	0.2521	113	1.5670	63	1.8192	594	0.25131
1.0076	140.5	1.0	924.8	8	68.67	9	7	993.5	3	1.26	1.26	12.75	172	1.0	632.8	16	632.8	16	0.2509	36	1.5700	20	1.8209	158	0.25005
1.0076	139.5	1.0	925.6	8	68.58	9	7	994.2	3	1.28	1.28	12.46	171	1.0	631.8	16	631.8	16	0.2493	36	1.5736	20	1.8229	158	0.24847
1.0076	138.5	1.0	926.4	8	68.49	9	7	994.9	3	1.32	1.32	12.18	170	1.0	630.8	16	630.8	16	0.2477	36	1.5772	20	1.8249	159	0.24688
1.0076	137.9	3.4	926.9	2.8	68.43	32	2.4	995.3	1.0	4.56	4.56	12	169.4	3.4	630.2	55	630.2	55	0.2466	126	1.5796	70	1.8266	538	0.24593
1.0076	137.5	1.0	927.2	8	68.40	9	7	995.6	3	1.37	1.37	11.90	169	1.0	629.8	16	629.8	16	0.2461	37	1.5809	21	1.8270	158	0.24530

1.0076	136.5	8	10	7	3	1.40	28	168	1.0	16	36	20	159
	928.0	8	68.30	996.3	1132.8	64.62	11.62	168	628.8	0.2445	1.5845	1.8290	0.24371
1.0076	135.4	8	9	7	3	1.43	26	167	1.0	16	37	20	159
	928.8	8	68.21	997.0	1132.5	66.05	11.36	167	627.8	0.2429	1.5882	1.8310	0.24212
1.0076	134.4	9	9	8	3	1.46	26	166	1.0	16	36	21	160
	929.7	9	68.12	997.8	1132.2	67.51	11.10	166	626.8	0.2413	1.5918	1.8331	0.24052
1.0076	134.0	3.1	35	2.8	1.1	5.39	11	165.6	3.8	60	137	78	605
	930.0	3.1	68.08	998.1	1132.1	68.12	11	165.6	626.4	0.2406	1.5933	1.8340	0.23988
1.0076	133.4	8	9	7	3	1.50	25	165	1.0	16	37	21	159
	930.5	8	68.03	998.5	1131.9	69.01	10.85	165	625.8	0.2397	1.5955	1.8352	0.23893
1.0076	132.4	8	10	7	3	1.55	25	164	1.0	16	37	21	160
	931.3	8	67.93	999.2	1131.6	70.56	10.60	164	624.8	0.2381	1.5992	1.8373	0.23733
1.0076	131.4	8	9	7	3	1.58	25	163	1.0	17	37	20	161
	932.1	8	67.84	999.9	1131.3	72.14	10.35	163	623.8	0.2364	1.6029	1.8393	0.23572
1.0076	130.4	8	9	7	3	1.63	24	162	1.0	16	37	21	160
	932.9	8	67.75	1000.6	1131.0	73.77	10.11	162	622.8	0.2348	1.6066	1.8414	0.23412
1.0076	129.9	3.3	38	2.8	1.2	6.41	10	161.5	4.1	65	150	84	656
	933.3	3.3	67.70	1000.9	1130.9	74.53	10	161.5	622.3	0.2341	1.6083	1.8424	0.23332
1.0076	129.4	8	10	7	3	1.66	24	161	1.0	16	37	21	161
	933.7	8	67.65	1001.3	1130.7	75.43	9.87	161	621.8	0.2332	1.6103	1.8435	0.23251
1.0076	128.4	7	9	7	3	1.71	24	160	1.0	16	37	21	161
	934.4	7	67.56	1002.0	1130.4	77.14	9.63	160	620.8	0.2316	1.6140	1.8456	0.23090
1.0076	127.4	8	10	7	3	1.76	23	159	1.0	16	37	21	161
	935.2	8	67.46	1002.7	1130.1	78.90	9.40	159	619.8	0.2300	1.6177	1.8477	0.22929
1.0076	126.4	3.3	9	7	3	1.80	23	158	1.0	17	38	21	161
	936.0	3.3	67.37	1003.4	1129.8	80.70	9.17	158	618.8	0.2283	1.6215	1.8498	0.22768
1.0076	125.6	3.3	41	3.0	1.3	7.60	9	157.2	4.3	70	161	90	604
	936.6	3.3	67.29	1003.9	1129.6	82.13	9	157.2	618.0	0.2271	1.6244	1.8514	0.22638
1.0076	125.4	8	10	7	3	1.86	22	157	1.0	16	37	21	162
	936.8	8	67.27	1004.1	1129.5	82.56	8.95	157	617.8	0.2267	1.6252	1.8519	0.22606
1.0076	124.4	8	10	7	3	1.91	21	156	1.0	16	38	22	162
	937.6	8	67.17	1004.8	1129.2	84.47	8.74	156	616.8	0.2251	1.6290	1.8541	0.22444
1.0076	123.4	8	9	7	3	1.95	21	155	1.0	17	38	21	162
	938.4	8	67.08	1005.5	1128.9	86.42	8.53	155	615.8	0.2234	1.6328	1.8562	0.22282
1.0076	122.3	1.1	10	7	4	2.01	20	154	1.0	16	38	22	163
	939.2	1.1	66.98	1006.2	1128.5	88.43	8.33	154	614.8	0.2218	1.6366	1.8584	0.22119
1.0076	121.3	8	10	7	3	2.06	20	153	1.0	16	38	22	163
	940.0	8	66.88	1006.9	1128.2	90.49	8.13	153	613.8	0.2202	1.6404	1.8606	0.21956

1.0076	120.6	5.0	940.5	3.9	66.81	1007.4	3.5	1.6	9.82	8	152.3	4.9	4.9	81	186	107	796
	1.0		8		10	7		3	2.12	19	19	1.0	1.0	17	38	22	103
1.0076	120.3	1.0	940.8	8	66.78	1007.6	7	3	92.61	7.94	152	612.8	1.0	0.2185	1.6442	1.8628	0.21793
	1.0		8		9	7		2.18	2.18	10	10	1.0	1.0	16	39	22	163
1.0076	119.3	1.0	941.6	8	66.69	1008.3	7	3	94.79	7.75	151	611.8	1.0	0.2169	1.6481	1.8650	0.21630
	1.0		8		10	7		2.24	2.24	19	19	1.0	1.0	17	38	22	164
1.0076	118.3	1.0	942.4	8	66.59	1009.0	7	3	97.03	7.56	150	610.8	1.0	0.2152	1.6519	1.8672	0.21466
	1.0		8		10	7		2.30	2.30	19	19	1.0	1.0	16	39	22	163
1.0076	117.3	1.0	943.2	8	66.49	1009.7	7	3	99.33	7.37	149	609.8	1.0	0.2136	1.6558	1.8694	0.21303
	1.0		8		10	7		2.4	2.4	10	10	1.0	1.0	17	39	22	165
1.0076	116.3	1.0	944.0	8	66.39	1010.4	7	3	101.7	7.18	148	608.8	1.0	0.2119	1.6597	1.8716	0.21138
	5.3		4.3		51	3.7		12.1	12.1	87	5.3	5.3	1.0	0.2103	1.6634	1.8737	0.20974
1.0076	115.3	1.0	944.8	8	66.30	1011.1	7	3	104.0	7	147.0	607.8	1.0	0.2103	1.6634	1.8737	0.20974
	1.0		8		10	7		2.4	2.4	18	18	1.0	1.0	16	39	22	164
1.0076	115.3	1.0	944.8	8	66.29	1011.1	7	3	104.1	7.00	147	607.8	1.0	0.2103	1.6636	1.8738	0.20974
	1.0		8		9	7		2.5	2.5	18	18	1.0	1.0	17	39	23	165
1.0076	114.3	1.0	945.6	8	66.20	1011.8	7	3	106.6	6.82	146	606.8	1.0	0.2086	1.6675	1.8761	0.20809
	1.0		8		10	7		2.6	2.6	17	17	1.0	1.0	17	39	22	165
1.0076	113.3	1.0	946.4	8	66.10	1012.5	7	3	109.2	6.65	145	605.8	1.0	0.2069	1.6714	1.8783	0.20644
	1.0		8		10	7		2.6	2.6	16	16	1.0	1.0	16	39	23	165
1.0076	112.3	1.0	947.2	8	66.00	1013.2	7	3	111.8	6.49	144	604.8	1.0	0.2053	1.6753	1.8806	0.20479
	1.0		9		10	8		2.7	2.7	16	16	1.0	1.0	17	40	23	165
1.0076	111.3	1.0	948.1	8	65.90	1014.0	7	3	114.5	6.33	143	603.8	1.0	0.2036	1.6793	1.8829	0.20314
	1.0		8		10	7		2.8	2.8	15	15	1.0	1.0	17	39	23	166
1.0076	110.3	1.0	948.9	8	65.80	1014.7	7	3	117.3	6.18	142	602.8	1.0	0.2019	1.6832	1.8852	0.20148
	1.1		8		10	7		2.9	2.9	16	16	1.0	1.0	16	40	23	166
1.0076	109.2	1.0	949.7	8	65.70	1015.4	7	3	120.2	6.02	141	601.8	1.0	0.2003	1.6872	1.8875	0.19982
	6.2		5.0		61	4.4		16.6	16.6	243	6.1	6.1	1.0	0.2003	1.6872	1.8875	0.19982
1.0076	109.1	1.0	949.8	8	65.69	1015.5	7	3	120.6	6	140.9	601.7	1.0	0.2001	1.6877	1.8878	0.19965
	1.0		8		10	7		3.0	3.0	16	16	1.0	1.0	17	40	23	166
1.0076	108.2	1.0	950.5	8	65.60	1016.1	7	3	123.2	5.86	140	600.8	1.0	0.1986	1.6912	1.8898	0.19816
	1.0		8		10	7		3.0	3.0	15	15	1.0	1.0	17	40	23	167
1.0076	107.2	1.0	951.3	8	65.50	1016.8	7	3	126.2	5.71	139	599.8	1.0	0.1969	1.6952	1.8921	0.19649
	1.0		8		10	7		3.1	3.1	15	15	1.0	1.0	17	40	23	167
1.0076	106.2	1.0	952.1	8	65.40	1017.5	7	3	129.3	5.56	138	598.8	1.0	0.1952	1.6992	1.8944	0.19482
	1.0		8		10	7		3.2	3.2	14	14	1.0	1.0	16	40	23	167
1.0076	105.2	1.0	952.9	8	65.30	1018.2	7	3	132.5	5.42	137	597.8	1.0	0.1936	1.7032	1.8967	0.19315

1.0076	1.0	8	10	7	3	3-3	14	136	1.0	17	40	24	167
	104.2	953.7	65.20	1018.9	1123.1	135.8	5.28		596.8	0.1919	1.7072	1.8991	0.19148
1.0076	1.0	8	10	7	3	3.4	14	135	1.0	17	40	23	168
	103.2	954.5	65.10	1019.6	1122.8	139.2	5.14		595.8	0.1902	1.7112	1.9014	0.18980
1.0076	1.0	7	10	6	4	3.6	13	134	1.0	17	41	23	168
	102.2	955.2	65.00	1020.2	1122.4	142.8	5.01		594.8	0.1885	1.7153	1.9037	0.18812
1.0076	7.0	5.5	7.0	4.8	2.2	22.5	5	5	7.0	118	279	161	170
	102.1	955.3	64.99	1020.3	1122.4	143.1	5.01		594.7	0.1883	1.7156	1.9039	0.18795
1.0076	1.0	8	10	7	3	3.6	13	133	1.0	17	40	24	168
	101.2	956.0	64.90	1020.9	1122.1	146.4	4.88		593.8	0.1868	1.7193	1.9061	0.18644
1.0076	1.0	8	10	7	3	3.7	13	132	1.0	17	41	24	169
	100.2	956.8	64.80	1021.6	1121.8	150.1	4.75		592.8	0.1851	1.7234	1.9085	0.18475
1.0076	1.00	8	10	7	3	3.8	12	131	1.0	17	41	24	169
	99.17	957.6	64.70	1022.3	1121.5	153.9	4.63		591.8	0.1834	1.7275	1.9109	0.18306
1.0075	1.01	8	10	7	3	3.9	13	130	1.0	17	41	24	169
	98.16	958.4	64.60	1023.0	1121.2	157.8	4.50		590.8	0.1817	1.7316	1.9133	0.18137
1.0074	1.00	8	10	7	3	4.1	12	129	1.0	17	41	24	169
	97.16	959.2	64.50	1023.7	1120.9	161.9	4.38		589.8	0.1800	1.7357	1.9157	0.17968
1.0073	1.01	8	10	7	3	4.2	11	128	1.0	17	41	24	170
	96.15	960.0	64.40	1024.4	1120.6	166.1	4.27		588.8	0.1783	1.7398	1.9181	0.17798
1.0072	1.01	8	10	7	4	4.3	12	127	1.0	17	42	24	170
	95.14	960.8	64.30	1025.1	1120.2	170.4	4.15		587.8	0.1765	1.7440	1.9205	0.17628
1.0070	1.00	8	10	7	3	4.4	11	126	1.0	17	41	25	170
	94.14	961.6	64.20	1025.8	1119.9	174.8	4.04		586.8	0.1748	1.7481	1.9230	0.17458
1.0069	8.37	6.6	8.3	5.8	2.6	33.6	4	8.3	8.3	142	342	201	1405
	93.73	961.9	64.16	1026.1	1119.8	176.7	4		586.4	0.1741	1.7498	1.9240	0.17390
1.0068	1.01	8	10	7	3	4.6	11	125	1.0	17	42	24	171
	93.13	962.4	64.10	1026.5	1119.6	179.4	3.93		585.8	0.1731	1.7523	1.9254	0.17287
1.0066	1.01	8	10	7	3	4.7	10	124	1.0	17	42	25	170
	92.12	963.2	64.00	1027.2	1119.3	184.1	3.83		584.8	0.1714	1.7565	1.9279	0.17117
1.0063	1.00	8	10	7	3	4.8	11	123	1.0	17	42	25	172
	91.12	964.0	63.90	1027.9	1119.0	188.9	3.72		583.8	0.1697	1.7607	1.9304	0.16945
1.0061	1.01	8	10	7	3	5.0	10	122	1.0	17	43	25	171
	90.11	964.8	63.80	1028.6	1118.7	193.9	3.62		582.8	0.1680	1.7650	1.9329	0.16774
1.0058	1.01	8	10	7	3	5.2	10	121	1.0	18	42	25	172
	89.10	965.6	63.70	1029.3	1118.4	199.1	3.52		581.8	0.1662	1.7692	1.9354	0.16602
1.0055	1.00	8	10	7	3	5.3	10	120	1.0	17	43	26	172
	88.10	966.4	63.60	1030.0	1118.1	204.4	3.42		580.8	0.1645	1.7735	1.9380	0.16430

1.0052	^{1.01} 87.09	⁸ 967.2	¹⁰ 63.50	⁷ 1030.7	³ 1117.8	^{5.5} 209.9	⁹ 3.33	119	^{1.0} 579.8	¹⁷ 0.1628	⁴² 1.7777	²⁵ 1.9495	¹⁷² 0.16258
1.0049	^{1.00} 86.09	⁸ 968.0	¹⁰ 63.40	⁷ 1031.4	³ 1117.5	^{5.6} 215.5	⁹ 3.24	118	^{1.0} 578.8	¹⁸ 0.1610	⁴³ 1.7820	²⁵ 1.9430	¹⁷³ 0.16085
1.0047	^{1.01} 85.08	⁹ 968.9	¹⁰ 63.30	⁸ 1032.2	² 1117.3	^{5.8} 221.3	⁹ 3.15	117	^{1.0} 577.8	¹⁷ 0.1593	⁴³ 1.7863	²⁶ 1.9456	¹⁷³ 0.15912
1.0044	^{1.00} 84.08	⁸ 969.7	¹⁰ 63.20	⁷ 1032.9	³ 1117.0	^{6.0} 227.3	⁹ 3.06	116	^{1.0} 576.8	¹⁸ 0.1575	⁴³ 1.7906	²⁶ 1.9482	¹⁷³ 0.15739
1.0042	^{10.37} 83.36	^{8.4} 970.3	^{10.3} 63.13	^{7.3} 1033.4	^{3.0} 1116.8	^{55.0} 231.7	3	^{10.3} 115.3	^{10.3} 576.1	¹⁷⁶ 0.1560	⁴³⁹ 1.7937	²⁶⁰ 1.9500	¹⁷⁷² 0.15618
1.0041	^{1.01} 83.07	⁸ 970.5	¹⁰ 63.10	⁷ 1033.6	³ 1116.7	^{6.2} 233.5	⁹ 2.97	115	^{1.0} 575.8	¹⁷ 0.1558	⁴⁴ 1.7950	²⁶ 1.9508	¹⁷³ 0.15566
1.0039	^{1.00} 82.07	⁸ 971.3	¹⁰ 63.00	⁷ 1034.3	³ 1116.4	^{6.4} 239.9	⁸ 2.89	114	^{1.0} 574.8	¹⁷ 0.1541	⁴³ 1.7993	²⁶ 1.9534	¹⁷⁴ 0.15392
1.0036	^{1.00} 81.07	⁸ 972.1	¹⁰ 62.90	⁷ 1035.0	³ 1116.1	^{6.6} 246.5	⁸ 2.81	113	^{1.0} 573.8	¹⁸ 0.1523	⁴⁴ 1.8037	²⁶ 1.9560	¹⁷⁴ 0.15218
1.0033	^{1.01} 80.06	⁸ 972.9	¹⁰ 62.80	⁷ 1035.7	³ 1115.8	^{6.8} 253.3	⁸ 2.73	112	^{1.0} 572.8	¹⁷ 0.1506	⁴⁴ 1.8081	²⁶ 1.9586	¹⁷⁵ 0.15043
1.0031	^{1.00} 79.06	⁸ 973.7	¹⁰ 62.70	⁷ 1036.4	³ 1115.5	^{7.0} 260.3	⁸ 2.65	111	^{1.0} 571.8	¹⁸ 0.1488	⁴⁴ 1.8125	²⁷ 1.9613	¹⁷⁵ 0.14868
1.0028	^{1.00} 78.06	⁸ 974.5	¹⁰ 62.60	⁷ 1037.1	³ 1115.2	^{7.2} 267.5	⁷ 2.58	110	^{1.0} 570.8	¹⁸ 0.1470	⁴⁴ 1.8169	²⁶ 1.9639	¹⁷⁵ 0.14693
1.0026	^{1.00} 77.06	⁸ 975.3	¹⁰ 62.50	⁷ 1037.8	³ 1114.9	^{7.5} 275.0	⁸ 2.50	109	^{1.0} 569.8	¹⁷ 0.1453	⁴⁴ 1.8213	²⁷ 1.9666	¹⁷⁵ 0.14518
1.0024	^{1.01} 76.05	⁸ 976.1	¹⁰ 62.40	⁷ 1038.5	³ 1114.6	^{7.7} 282.7	⁷ 2.43	108	^{1.0} 568.8	¹⁸ 0.1435	⁴⁴ 1.8257	²⁷ 1.9693	¹⁷⁶ 0.14342
1.0021	^{1.00} 75.05	⁸ 976.9	¹⁰ 62.30	⁷ 1039.2	⁴ 1114.2	^{7.9} 290.6	⁷ 2.36	107	^{1.0} 567.8	¹⁷ 0.1418	⁴⁵ 1.8302	²⁷ 1.9720	¹⁷⁶ 0.14166
1.0019	^{1.00} 74.05	⁸ 977.7	¹⁰ 62.20	⁷ 1039.9	³ 1113.9	^{8.2} 298.8	⁷ 2.29	106	^{1.0} 566.8	¹⁸ 0.1400	⁴⁴ 1.8346	²⁶ 1.9746	¹⁷⁶ 0.13990
1.0016	^{1.00} 73.05	⁸ 978.5	¹⁰ 62.10	⁷ 1040.6	³ 1113.6	^{8.5} 307.3	⁶ 2.23	105	^{1.0} 565.8	¹⁸ 0.1382	⁴⁵ 1.8391	²⁷ 1.9773	¹⁷⁶ 0.13814
1.0014	^{1.00} 72.05	⁸ 979.3	¹⁰ 62.00	⁷ 1041.3	³ 1113.3	^{8.8} 316.1	⁶ 2.16	104	^{1.0} 564.8	¹⁷ 0.1365	⁴⁵ 1.8436	²⁸ 1.9801	¹⁷⁷ 0.13637
1.0012	^{1.01} 71.04	⁸ 980.1	¹⁰ 61.90	⁷ 1042.0	³ 1113.0	^{9.1} 325.2	⁶ 2.10	103	^{1.0} 563.8	¹⁸ 0.1347	⁴⁵ 1.8481	²⁷ 1.9828	¹⁷⁸ 0.13459
1.0010	^{1.00} 70.04	⁸ 980.9	¹⁰ 61.80	⁷ 1042.7	³ 1112.7	^{9.3} 334.5	⁷ 2.03	102	^{1.0} 562.8	¹⁸ 0.1329	⁴⁵ 1.8526	²⁷ 1.9855	¹⁷⁷ 0.13282

1.0009	13.89	11.1	1.38	9.7	4.3	108.3	2	13.9	13.9	244	615	371	2443
	69.47	981.4	61.75	1043.1	1112.5	340.0	0	101.4	562.2	0.1319	1.8552	1.9871	0.13175
1.0008	69.04	981.7	61.71	1043.4	1112.4	9.6	6	101	561.8	0.1311	1.8572	1.9883	0.13104
1.0007	68.04	982.5	61.61	1044.1	1112.1	9.9	6	100	560.8	0.1293	1.8617	1.9910	0.12926
1.0005	67.04	983.2	61.51	1044.7	1111.7	10.4	5	99	559.8	0.1276	1.8663	1.9938	0.12747
1.0003	66.04	984.0	61.41	1045.4	1111.4	10.7	6	98	558.8	0.1258	1.8708	1.9966	0.12599
1.0001	65.04	984.8	61.32	1046.1	1111.1	11.0	5	97	557.8	0.1240	1.8754	1.9994	0.12390
0.9999	64.04	985.6	61.22	1046.8	1110.8	11.4	6	96	556.8	0.1222	1.8800	2.0022	0.12210
0.9997	63.04	986.4	61.13	1047.5	1110.5	12.2	5	95	555.8	0.1204	1.8846	2.0050	0.12030
0.9996	62.04	987.2	61.03	1048.2	1110.2	12.5	5	94	554.8	0.1186	1.8893	2.0078	0.11850
0.9994	61.04	988.0	60.94	1048.9	1109.9	13.1	5	93	553.8	0.1168	1.8939	2.0107	0.11670
0.9992	60.04	988.7	60.85	1049.6	1109.6	13.6	4	92	552.8	0.1150	1.8986	2.0136	0.11489
0.9990	59.04	989.5	60.76	1050.3	1109.3	14.0	5	91	551.8	0.1132	1.9033	2.0165	0.11308
0.9988	58.05	990.2	60.67	1050.9	1108.9	13.9	4	90	550.8	0.1114	1.9080	2.0194	0.11127
0.9987	57.05	991.0	60.57	1051.6	1108.6	14.3	5	89	549.8	0.1095	1.9127	2.0223	0.10945
0.9985	56.05	991.8	60.48	1052.3	1108.3	14.8	4	88	548.8	0.1077	1.9174	2.0252	0.10763
0.9983	55.05	992.6	60.39	1053.0	1108.0	15.5	4	87	547.8	0.1059	1.9222	2.0281	0.10581
0.9981	54.05	993.4	60.30	1053.7	1107.7	16.0	4	86	546.8	0.1041	1.9269	2.0310	0.10398
0.9979	53.05	994.2	60.21	1054.4	1107.4	16.5	4	85	545.8	0.1023	1.9317	2.0340	0.10215
0.9977	52.06	995.0	60.12	1055.1	1107.1	17.1	4	84	544.8	0.1004	1.9365	2.0370	0.10031

0.9975	² 51.06	⁷ 995.7	⁹ 60.03	⁶ 1055.7	³ 1106.8	^{17.8} 586.6	^{1.13} 1.13	⁸³ 83	^{1.0} 543.8	¹⁸ 0.0986	⁴⁸ 1.9413	³⁰ 2.0400	¹⁸³ 0.09848
0.9974	¹ 50.06	⁸ 996.5	⁸ 59.95	⁷ 1056.4	³ 1106.5	^{18.4} 605.0	⁴ 1.09	⁸² 82	^{1.0} 542.8	¹⁸ 0.0968	⁴⁹ 1.9462	³⁰ 2.0430	¹⁸⁴ 0.09664
0.9974	^{1.00} 49.06	⁷ 997.2	⁹ 59.86	⁷ 1057.1	³ 1106.2	^{19.1} 624.1	³ 1.06	⁸¹ 81	^{1.0} 541.8	¹⁹ 0.0949	⁴⁹ 1.9511	³⁰ 2.0400	¹⁸⁵ 0.09479
0.9975	⁹⁹ 48.07	⁸ 998.0	⁹ 59.77	⁷ 1057.8	³ 1105.9	^{19.7} 643.8	⁴ 1.02	⁸⁰ 80	^{1.0} 540.8	¹⁸ 0.0931	⁴⁹ 1.9560	³⁰ 2.0490	¹⁸⁵ 0.09294
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