

FIO2 FRAC -----	FICO2 FRAC -----	PEPRS CMH2O -----	PIPRS CMH2O -----	MICO2 FRAC -----	TINT1 DEGC -----	TINT2 DEGC -----
0.4126	0.0009	1.9618	0.7698	0.0002	15.9962	24.3759
0.7538	0.007	40.851	-28.6274	-0.0002	17.5251	26.0107
0.7292	0.0145	48.1907	-35.4153	-0.0001	20.3051	27.8526
0.75	0.015	48.5218	-36.9053	0	22.4172	30.5711
0.7681	0.0153	48.2459	-39.6093	0.0003	23.1472	32.4278
0.7841	0.0156	48.5218	-40.4923	0.0004	23.5044	34.0186
0.8036	0.0162	47.9699	-41.2097	0.0004	23.4267	35.3286
0.8262	0.0161	48.4114	-40.4923	0.0004	23.318	36.3825
0.8479	0.016	47.8596	-40.6579	0.0003	23.4267	37.3429
0.8668	0.0161	48.2459	-41.2097	0.0002	23.7477	38.0816
0.8834	0.0161	47.694	-41.872	0.0002	24.1101	38.7366
0.8968	0.016	47.5285	-42.0927	0	24.431	39.3966
0.908	0.016	47.5285	-42.6997	0	24.8038	40.0614
0.9178	0.016	47.5285	-43.1412	0.0001	25.1299	40.6623
0.9262	0.0159	47.5836	-43.4171	0.0001	25.4198	41.2582
0.9332	0.016	48.0251	-43.8586	0	25.6942	41.7704
0.9391	0.0161	48.4114	-43.9138	0	25.9582	42.2924
0.9435	0.0163	49.0737	-44.3553	-0.0002	26.1808	42.7553
0.9475	0.0164	49.5151	-44.7968	-0.0001	26.4086	43.174
0.9516	0.0166	49.3496	-44.7968	-0.0001	26.6001	43.6665
0.9552	0.0169	49.2944	-45.1279	-0.0001	26.8642	43.9915
0.9584	0.017	49.0185	-45.459	-0.0001	27.1592	44.3707
0.961	0.0171	48.9081	-45.5694	-0.0002	27.4388	44.7253
0.9633	0.0172	48.9081	-45.4038	-0.0001	27.739	45.1981
0.9648	0.0174	48.8529	-45.6246	-0.0001	28.0341	45.6216
0.9662	0.0176	49.0737	-45.7901	-0.0001	28.3396	46.1388
0.9676	0.0174	48.9633	-45.7901	-0.0001	28.6605	46.5721
0.968	0.0177	49.1288	-46.0109	-0.0001	28.9504	46.9514
0.9693	0.0173	49.2944	-46.1212	-0.0001	29.2817	47.2321
0.9694	0.0177	49.0185	-46.1212	-0.0001	29.4836	47.4636
0.9696	0.018	48.7977	-46.2316	-0.0001	29.7528	47.8378
0.9698	0.018	48.8529	-46.7835	0	29.9289	48.7637
0.9696	0.0179	48.7425	-47.6664	0	30.11	49.0839
0.97	0.0179	48.6322	-47.6112	-0.0001	30.4103	49.3596

0.9694	0.0185	48.1907	-48.1079	-0.0001	30.7623	49.5616
0.9699	0.0183	48.1355	-48.6046	-0.0001	31.0471	49.7733
0.9696	0.0185	48.3562	-48.8253	0	31.4457	50.0885
0.9693	0.0188	47.8044	-48.9357	-0.0001	31.865	50.3939
0.9693	0.0188	47.4733	-48.9357	-0.0001	32.274	50.645
0.969	0.019	47.0318	-49.3772	-0.0001	32.6467	50.911
0.9691	0.0189	47.0318	-49.3772	-0.0001	33.0557	51.241
0.969	0.0189	46.5903	-49.6531	0	33.4491	51.5857
0.9687	0.019	46.5351	-49.929	-0.0001	33.9306	51.8517
0.9682	0.0194	46.5351	-50.3153	-0.0001	34.3861	52.2703
0.9679	0.0196	46.204	-50.9224	0	34.909	52.615
0.9677	0.0196	46.0385	-51.1983	-0.0001	35.3904	53.1568
0.9672	0.02	45.8177	-51.7501	-0.0001	35.8874	53.5655
0.9666	0.0201	45.4314	-52.1364	-0.0001	36.3999	53.9792
0.9666	0.02	45.321	-52.0261	0	36.8814	54.3289
0.9661	0.0204	45.1555	-52.4675	-0.0001	37.4198	54.6244
0.9658	0.0206	44.6588	-52.302	0	37.9426	54.979
0.9648	0.0212	43.7758	-52.0813	0	38.5638	55.3533
0.9642	0.0213	43.1688	-52.6331	-0.0002	39.0246	55.8113
0.9635	0.0215	40.851	-53.792	0	39.4543	56.1166
0.9617	0.0221	37.5399	-56.165	-0.0001	39.9616	56.1757
0.9606	0.0224	35.5532	-59.4761	-0.0001	40.3395	57.0277
0.9585	0.0233	35.1117	-61.5731	0	40.6708	57.9438
0.9581	0.0233	35.774	-63.615	0	41.1316	58.8253
0.9568	0.0234	40.0232	-71.1202	-0.0001	41.2506	58.9977
0.9551	0.0238	46.5903	-82.1573	0.0001	41.4163	58.7711
0.9527	0.0249	56.2478	-96.34	0	41.7114	59.2587
0.9496	0.026	64.2496	-107.2667	-0.0001	43.5284	59.7857
0.9457	0.0266	72.9689	-119.0212	0.0001	45.154	60.1895
0.9372	0.0286	91.6216	-160.7966	0.0002	45.1126	60.421
0.4169	0.0003	2.4585	0.7698	-0.0003	15.8891	24.8413
0.7651	0.0074	42.7825	-28.2411	-0.0003	18.9125	26.2864
0.7423	0.0148	20.8739	-36.2982	-0.0006	21.6148	27.7935
0.7592	0.0158	18.7217	-39.9956	-0.0002	23.4215	30.4825
0.7777	0.0162	19.5494	-42.2583	0	24.2291	32.3687
0.7945	0.0166	19.8806	-43.4723	0.0002	24.5449	33.6443
0.8141	0.0168	20.3772	-44.3001	0.0004	24.488	34.8115

0.8389	0.0168	21.2602	-43.9138	0.0003	24.3327	35.8309
0.8631	0.0167	22.9709	-43.1412	0.0002	24.2913	36.614
0.8829	0.0169	27.6617	-42.4238	0.0002	24.4466	37.2591
0.8976	0.0169	41.5132	-40.8786	0.0001	24.8193	38.0668
0.9094	0.0161	51.9985	-38.8919	0.0001	24.9642	38.6972
0.9186	0.0159	51.3363	-41.0442	0.0001	25.4043	39.4655
0.9262	0.0158	51.3914	-41.7616	0	25.8495	40.2042
0.9326	0.0155	51.0603	-42.3134	-0.0001	26.2429	40.8691
0.9377	0.0154	51.7225	-42.6445	-0.0001	26.6623	41.598
0.942	0.0153	52.1089	-43.2516	-0.0001	26.9988	42.1496
0.9457	0.0151	52.44	-44.1346	-0.0002	27.3663	42.775
0.949	0.0151	53.4885	-43.7482	-0.0001	27.6459	43.366
0.9519	0.0153	61.38	-42.2031	-0.0001	28.1584	44.2279
0.9546	0.0157	61.9319	-42.2582	-0.0001	28.4172	44.4692
0.9568	0.0156	62.1526	-43.086	-0.0002	28.6502	44.8435
0.9587	0.0159	62.3182	-43.4171	-0.0001	28.8676	45.3853
0.9602	0.0163	62.5389	-43.8586	-0.0001	29.1627	45.9171
0.9617	0.0165	62.7045	-44.1346	-0.0001	29.4578	46.2668
0.9627	0.0166	63.0356	-44.6864	-0.0002	29.7684	46.7691
0.9637	0.0166	63.6426	-45.1279	-0.0001	30.079	47.1484
0.9644	0.0167	63.5874	-45.2934	-0.0002	30.3896	47.5571
0.9651	0.0167	64.3048	-45.5694	-0.0002	30.6225	47.8822
0.9655	0.0168	63.753	-45.9557	-0.0002	30.8451	48.1432
0.9657	0.017	63.9185	-45.9557	-0.0002	31.104	48.3402
0.966	0.017	63.8082	-46.3972	-0.0002	31.337	48.483
0.9662	0.0171	63.8633	-46.5075	-0.0002	31.6838	48.6209
0.9662	0.0171	64.1945	-46.6179	-0.0003	31.9789	48.8327
0.966	0.0173	64.1945	-46.7835	-0.0002	32.2067	48.8918
0.9657	0.0173	63.9185	-47.6112	-0.0003	32.5069	48.9804
0.9658	0.0174	63.8633	-47.1146	-0.0002	32.8072	49.2218
0.9657	0.0175	63.6978	-48.439	-0.0002	33.0867	49.4384
0.9655	0.0178	63.5874	-48.7149	-0.0001	33.4336	49.5911
0.9653	0.0183	63.4219	-48.9357	-0.0002	33.7545	49.665
0.9652	0.0182	63.0356	-48.9909	-0.0002	34.1583	50.0048
0.9651	0.0183	62.9252	-49.322	-0.0002	34.5414	50.3791
0.9647	0.0187	62.7045	-49.3772	-0.0003	34.9763	50.6204
0.9645	0.0185	61.8767	-50.205	-0.0001	35.3076	50.778
0.9644	0.0187	61.8215	-50.4809	-0.0002	35.7114	50.9011

0.9643	0.0187	61.38	-50.5361	-0.0002	36.0427	51.1425
0.964	0.0188	60.773	-51.0327	-0.0002	36.343	51.438
0.9635	0.0191	60.3867	-51.419	-0.0002	36.7519	51.635
0.9632	0.0192	59.7796	-51.8053	-0.0002	37.1402	51.9895
0.9628	0.0192	59.283	-52.1364	-0.0001	37.5751	52.5067
0.9622	0.0192	58.7311	-52.5227	-0.0002	37.9323	52.9154
0.9606	0.0199	57.6274	-53.3505	-0.0003	38.3775	53.1765
0.9597	0.0204	56.634	-53.792	-0.0002	38.833	53.6788
0.9599	0.0209	55.8615	-53.7368	-0.0002	39.3093	54.2008
0.9592	0.0214	54.7577	-53.4609	-0.0002	39.7286	54.7179
0.9585	0.0217	53.2677	-53.7368	-0.0001	40.1428	55.2646
0.958	0.0216	50.6188	-54.8957	-0.0002	40.6708	55.8113
0.9576	0.0216	45.4314	-55.9442	-0.0001	41.0487	56.3776
0.9568	0.0217	39.6921	-57.5446	-0.0002	41.3335	56.8504
0.9563	0.0217	35.7188	-59.752	-0.0001	41.5975	57.3922
0.9552	0.022	36.0499	-63.5598	-0.0002	41.8097	57.9388
0.954	0.0223	39.8025	-69.1888	-0.0002	42.1669	58.4707
0.9522	0.0227	49.5703	-82.5988	-0.0001	42.7157	59.4065
0.9482	0.0235	60.497	-99.5407	0	43.544	61.7753
0.942	0.0251	82.5712	-135.025	-0.0001	45.6872	63.6468
0.9364	0.026	94.8776	-161.6243	0.0001	47.556	64.4348
0.3411	0.001	0.9685	-2.8062	0	21.0608	23.9415
0.6867	0.0082	41.3477	-50.3153	-0.0005	19.394	25.5477
0.7367	0.0117	50.3429	-49.7635	-0.0004	21.6873	28.3401
0.7556	0.0121	51.1155	-52.2468	-0.0005	24.4621	30.6105
0.7763	0.012	51.0051	-53.792	-0.0002	25.6787	32.1323
0.7928	0.0125	49.5151	-54.7853	0	26.4655	33.1025
0.8122	0.0124	50.1222	-55.5028	0	27.5371	34.0432
0.8347	0.012	51.3914	-56.165	0.0001	28.5932	34.9149
0.858	0.0116	52.44	-55.7787	0.0001	29.5872	35.6192
0.8787	0.0114	51.9433	-56.9376	-0.0002	30.9073	36.2052
0.8966	0.0113	51.7777	-56.8824	0	31.7718	36.7716
0.9116	0.0113	52.164	-57.5998	-0.0002	32.5069	37.2247
0.9241	0.0114	51.7225	-58.4276	-0.0002	32.8797	37.6975
0.9349	0.0115	51.5018	-58.7035	-0.0003	33.299	38.1653
0.9445	0.0115	51.9433	-59.145	-0.0004	33.7183	38.6332
0.9519	0.0115	53.047	-59.4209	-0.0004	34.2722	39.0617

0.9576	0.0118	52.8814	-59.752	-0.0003	35.2196	39.6674
0.9617	0.0118	52.44	-60.635	-0.0003	37.3266	40.0466
0.9648	0.012	52.8263	-60.635	-0.0004	37.8184	40.3865
0.9672	0.0119	52.44	-61.4076	-0.0004	38.1549	40.6967
0.9682	0.0122	52.6055	-62.3457	-0.0005	38.5379	41.0415
0.9696	0.0122	52.3848	-62.8976	-0.0003	39.0712	41.3813
0.9712	0.0121	52.3848	-62.8976	-0.0003	39.5371	41.7359
0.9722	0.0123	51.7777	-63.0632	-0.0004	39.7442	41.9723
0.9741	0.0126	51.3914	-62.2354	-0.0003	40.0289	42.3072
0.9751	0.0128	51.3363	-62.8976	-0.0003	40.4327	42.6568
0.9753	0.013	50.7844	-62.8976	-0.0004	40.9141	42.9671
0.9756	0.0131	50.8396	-63.2287	-0.0004	41.3386	43.3513
0.9757	0.0131	50.5636	-63.1735	-0.0004	41.8304	43.6517
0.9759	0.0131	50.3981	-63.615	-0.0004	42.1514	43.9718
0.9762	0.0132	49.7911	-63.7806	-0.0005	42.2342	44.3362
0.976	0.0132	49.4599	-64.6084	-0.0005	42.638	44.617
0.9758	0.0132	49.0737	-64.7739	-0.0004	43.0211	44.8681
0.9759	0.0133	49.184	-65.6017	-0.0004	43.4404	45.1882
0.9753	0.0137	48.7977	-66.2087	-0.0004	43.7407	45.5428
0.9746	0.0138	48.577	-67.2021	-0.0004	44.1031	45.7595
0.9753	0.0136	48.3562	-67.3676	-0.0003	44.4758	45.9368
0.9753	0.0138	48.0803	-67.6436	-0.0004	44.8382	46.2668
0.9755	0.014	47.9699	-67.4228	-0.0005	45.0038	46.3899
0.9756	0.0142	47.8596	-66.8709	-0.0004	45.0711	46.5771
0.9757	0.0144	47.7492	-66.9813	-0.0006	45.1643	46.7691
0.9754	0.0148	47.1422	-67.478	-0.0004	39.7856	47.0252
0.9751	0.0149	46.8662	-67.9747	-0.0003	36.1359	47.2567
0.9747	0.0152	46.5351	-69.1887	-0.0003	36.6225	47.5719
0.9743	0.0153	46.3696	-70.1821	-0.0003	37.1557	47.956
0.9741	0.0153	46.4799	-71.1202	-0.0004	37.5336	48.3106
0.9737	0.0157	46.1488	-72.6102	-0.0004	38.16	48.8031
0.9736	0.0156	45.9281	-74.1554	-0.0003	38.6881	49.2168
0.9733	0.0157	45.5418	-75.2591	-0.0003	39.4439	49.7044
0.9728	0.0159	45.2659	-76.5284	-0.0003	40.2256	50.1033
0.9722	0.016	44.6588	-77.9632	-0.0003	40.997	50.3545
0.9716	0.0163	44.2725	-78.7358	-0.0003	41.8926	50.65
0.971	0.0165	43.9414	-80.5018	-0.0003	43.0832	51.0587
0.9705	0.0167	44.2173	-83.0955	-0.0004	44.2532	51.433

0.97	0.0169	45.4866	-86.7929	-0.0004	45.4283	52.0289
0.969	0.0173	47.3629	-91.5388	-0.0003	46.5621	52.5017
0.9659	0.0181	59.3381	-111.6263	-0.0003	47.6596	53.2454
0.9621	0.0185	72.4171	-132.5416	-0.0004	48.55	54.3289
0.9584	0.0192	86.379	-150.201	-0.0003	49.5077	55.964
0.9546	0.0198	90.4627	-165.101	-0.0002	50.3256	57.9881
0.9498	0.0206	103.4865	-182.7052	-0.0001	50.4033	58.2639
0.9474	0.0209	107.9565	-190.4311	0	50.0513	57.6581
0.944	0.0219	117.614	-210.9601	-0.0001	49.2644	57.0425
0.1993	0.0013	-0.9188	-3.5015	0.0005	21.4801	22.4123
0.1802	0.0122	12.0442	-27.9652	-0.0003	24.1825	26.1732
0.1689	0.0162	16.3487	-32.1593	-0.0002	25.1869	26.6509
0.1982	0.0164	17.2868	-33.4286	-0.0001	26.1032	28.3845
0.2508	0.0164	19.0528	-34.0356	0.0001	25.8133	30.0836
0.3032	0.017	22.695	-35	0.0003	25.6424	31.4921
0.3672	0.0173	31.8006	-36	0.0004	24.9332	32.3835
0.4407	0.0166	52.2744	-37	0.0003	23.7684	33.1862
0.5108	0.0154	52.2744	-38	0.0003	23.5096	33.8856
0.5695	0.0143	52.2744	-39	0.0001	24.3534	34.0924
0.6196	0.0139	52.2744	-40	0	24.8969	34.708
0.6613	0.0152	52.2744	-40.0508	0	24.5967	35.7029
0.6976	0.0152	51.5018	-41.2649	0	24.9487	36.4859
0.7276	0.0154	51.9433	-42.0375	-0.0001	25.2386	37.1803
0.7528	0.0151	51.6674	-42.6997	-0.0001	25.4923	37.8354
0.7738	0.0154	52.1088	-42.9205	-0.0001	25.7925	38.446
0.7917	0.0157	52.3296	-43.0308	-0.0002	26.0462	39.0124
0.8077	0.0158	53.1574	-43.0308	-0.0001	26.2585	39.4901
0.822	0.0159	53.2677	-43.362	-0.0001	26.507	39.9137
0.8348	0.0164	53.5989	-43.4723	-0.0001	26.7503	40.2387
0.8462	0.0168	54.0403	-43.5827	-0.0001	27.0195	40.6672
0.8558	0.0173	53.9852	-43.969	-0.0001	27.356	41.1941
0.8645	0.0175	53.7092	-43.969	-0.0001	27.6252	41.598
0.8719	0.0176	53.7092	-44.4105	-0.0003	27.9254	41.992
0.8781	0.0179	53.7644	-44.6864	-0.0002	28.1532	42.3564
0.8837	0.0179	53.9852	-44.6864	-0.0001	28.5	42.7356
0.888	0.0179	53.654	-44.9623	-0.0001	28.7848	43.0656
0.8919	0.0179	53.5989	-45.1279	-0.0002	29.0333	43.3857

0.8947	0.0182	53.5989	-45.1279	-0.0001	29.3594	43.6369
0.8974	0.0183	53.4333	-44.9623	-0.0001	29.6182	43.9422
0.8996	0.0185	53.7644	-44.7416	-0.0001	29.934	44.1885
0.9015	0.0188	53.7092	-45.6246	-0.0002	30.255	44.4495
0.903	0.0192	53.8748	-45.3486	-0.0002	30.6691	44.8041
0.9044	0.0191	53.5989	-45.459	-0.0002	31.104	45.0897
0.905	0.0196	53.3781	-45.6246	-0.0001	31.4974	45.4246
0.9056	0.0199	53.7092	-45.5694	-0.0001	31.9737	45.8433
0.9062	0.0197	53.4333	-45.6246	-0.0001	32.5276	46.1486
0.9068	0.0197	52.8263	-46.7835	-0.0001	32.8848	46.4392
0.9067	0.0199	52.9918	-46.8386	-0.0001	33.3456	46.7248
0.9062	0.0201	52.6607	-46.8386	-0.0001	33.7804	46.9957
0.9057	0.0201	52.6607	-47.9423	-0.0001	34.1376	47.2222
0.9049	0.02	52.6607	-48.1079	-0.0001	34.5259	47.4242
0.9037	0.0204	52.7159	-48.5494	-0.0001	34.852	47.6556
0.9027	0.0207	52.3848	-48.4942	-0.0002	35.261	47.8871
0.9009	0.0213	52.2744	-48.6046	-0.0001	35.7269	48.1432
0.8998	0.0209	51.9985	-48.6598	-0.0002	36.1825	48.4338
0.8977	0.0214	51.9433	-48.9357	-0.0002	36.7105	48.744
0.8958	0.0215	51.4466	-49.3772	-0.0001	37.2386	49.1134
0.8935	0.0215	51.2811	-49.929	-0.0001	37.7355	49.5369
0.8902	0.0217	50.067	-50.4809	-0.0002	38.2791	49.9359
0.8871	0.0217	50.067	-51.3087	-0.0001	38.7761	50.453
0.8832	0.0217	49.2944	-52.302	-0.0001	39.3404	50.8765
0.8782	0.0222	48.5218	-53.1298	-0.0001	39.9357	51.3444
0.8728	0.0225	48.1355	-54.2335	-0.0001	40.4068	51.7334
0.866	0.0227	48.0803	-56.1098	-0.0001	40.7847	52.0142
0.8582	0.0234	47.1973	-59.752	-0.0001	41.292	52.1816
0.8493	0.0239	46.3696	-65.5465	-0.0001	41.5353	52.418
0.8376	0.0243	50.674	-78.4047	0	41.9547	52.5855
0.821	0.0256	62.7045	-96.5055	0.0001	42.9745	52.6052
0.8002	0.0265	74.183	-114.9375	0.0004	44.1393	52.5313
0.7754	0.028	78.4875	-122.1668	0.0008	44.8537	53.1518
0.7459	0.0288	80.419	-125.3675	0.001	45.4905	53.3439
0.7105	0.0289	80.2534	-126.1401	0.0015	46.2152	54.1811
0.6619	0.03	86.1031	-132.652	0.0017	46.7329	54.7771

0.2704	0.0008	2.2598	0.7202	0.0003	27.3134	26.1488
0.7499	0.0083	45.2659	-44.4657	-0.0002	26.3102	27.3896
0.7551	0.0151	42.3962	-47.4457	-0.0002	28.5725	29.7388
0.7687	0.0169	43.831	-49.4875	0.0001	29.9962	31.8073
0.7811	0.0175	44.2173	-51.0327	0.0002	30.5656	33.1961
0.7928	0.0179	45.1555	-51.9157	0.0005	31.2541	34.6489
0.8078	0.018	46.3144	-52.3572	0.0005	31.865	36.5007
0.827	0.0175	47.1973	-52.3572	0.0005	32.2636	37.6187
0.8467	0.0172	47.4181	-53.792	0.0004	32.6985	38.6036
0.8646	0.0173	47.9699	-54.9509	0.0004	33.2058	39.2784
0.2248	0.0033	49.4048	-54.2887	0.001	33.3249	38.7268
0.2682	0.0035	49.6255	-55.6683	0.0005	33.8477	39.7117
0.6091	0.0134	47.9147	-56.6617	0.0003	34.9142	41.8639
0.657	0.0156	47.6388	-57.3791	0.0002	35.349	42.5288
0.6991	0.0164	47.8044	-58.7587	0.0002	35.7528	43.2823
0.735	0.0164	47.7492	-59.5313	0.0002	35.9599	43.9422
0.7646	0.0165	47.6388	-61.0765	0.0002	36.1048	44.5234
0.7896	0.0167	48.0803	-62.8424	0.0001	36.2291	44.8928
0.8103	0.0169	47.9699	-63.5598	0.0001	36.4413	45.3803
0.8282	0.0168	48.5218	-64.9395	0.0001	36.695	45.8679
0.8442	0.0169	48.9633	-65.8776	0.0001	37.104	46.3062
0.8585	0.0173	49.5151	-66.8158	0.0001	37.5854	46.7938
0.8708	0.0176	50.2325	-67.5332	0.0001	38.0824	47.306
0.8809	0.0178	50.2877	-68.7473	0.0001	38.5794	47.695
0.8897	0.0179	50.7844	-69.7406	0.0001	38.9625	48.0989
0.8972	0.0181	51.2259	-70.458	0	39.4284	48.4338
0.9036	0.0183	51.9433	-71.6169	0	39.9512	48.8179
0.9094	0.0184	52.3848	-72.7206	0.0001	40.5103	49.1528
0.9146	0.0184	52.8263	-73.6036	0.0001	40.9038	49.4532
0.9188	0.0187	53.1022	-75.1488	0	41.2972	49.6945
0.9224	0.0188	53.3229	-76.5836	0	41.6441	49.8817
0.926	0.0188	54.2611	-77.301	0	42.0271	50.1427
0.9291	0.0188	54.7026	-78.791	0.0001	42.5293	50.3939
0.9315	0.0187	55.5303	-79.8947	0.0001	42.9642	50.6894
0.933	0.0189	54.9785	-81.2192	0	43.3835	50.8667
0.934	0.0193	55.8063	-82.0469	0.0001	43.7045	51.108

0.9352	0.0189	56.5237	-83.9784	0	43.9633	51.433
0.9359	0.0191	56.6892	-84.9166	0	44.2843	51.6497
0.9361	0.0198	57.6826	-85.027	0	44.569	51.832
0.9359	0.0205	58.0689	-86.1859	0	44.745	51.9846
0.9363	0.0206	58.5104	-87.6759	-0.0001	44.9055	52.2949
0.9365	0.0209	59.3933	-88.7244	0.0001	45.1643	52.7677
0.9366	0.0209	60.0555	-90.104	0	45.5888	53.1124
0.9365	0.0214	60.8282	-91.7044	0	45.9046	53.4621
0.9373	0.0214	61.6559	-93.2496	0.0001	46.2618	53.7921
0.9377	0.0217	62.7596	-94.3533	0.0001	46.4585	54.1417
0.9376	0.0218	63.9737	-95.9537	-0.0001	46.6087	54.452
0.9378	0.022	64.8015	-97.9404	0.0001	46.852	54.8411
0.9387	0.0218	66.2363	-99.6511	0	47.0901	55.1218
0.9381	0.0224	67.2848	-101.6378	0	47.204	55.2695
0.939	0.0228	69.106	-103.0174	0	47.3386	55.3631
0.94	0.0227	69.8786	-104.673	0	47.6492	55.5207
0.94	0.0229	71.203	-107.3219	0	48.0737	55.8999
0.9397	0.0232	73.6863	-110.633	0	48.229	56.2053
0.9391	0.0236	78.3219	-117.0897	0	48.0737	56.4663
0.9359	0.0248	92.615	-136.4046	0	47.5198	56.3235
0.932	0.0268	106.5217	-154.8365	0.0001	46.7484	56.6387
0.9294	0.0274	118.5521	-166.9221	0.0001	46.5621	57.5892
0.9232	0.0304	134.8318	-195.453	0.0002	46.6397	60.1748
0.9176	0.0314	151.8841	-216.7546	0.0002	46.6553	60.3619
0.9133	0.032	168.7709	-224.7013	0.0002	46.8675	60.6328
0.9061	0.0338	195.1495	-244.1817	0.0003	46.5621	61.3272
0.8934	0.0368	248.8449	-295.1179	0.0002	47.0125	60.4604
0.8739	0.0423	292.9933	-362.6097	0.0002	47.5923	59.3572
0.8669	0.0402	283.0047	-353.1178	0.0004	47.7476	60.8889
0.8504	0.0426	312.3082	-402.3432	0.0005	48.2756	60.8101
0.8177	0.0499	348.0683	-507.8578	0.0004	46.8675	59.6921
0.3333	0.0012	0.4718	-0.7202	0.0005	23.0316	22.3547
0.7401	0.0064	32.8491	-31.9386	-0.0003	21.941	24.1589
0.7611	0.0125	35.1117	-42.479	0	23.0747	25.6216
0.7681	0.0139	35.2773	-44.852	0.0001	24.6588	29.9309
0.7806	0.0147	35.8291	-46.0109	0.0005	25.1558	31.7482

0.7914	0.015	36.1051	-46.3972	0.0006	25.1351	32.8957
0.8056	0.0148	36.9328	-46.949	0.0004	25.249	33.8363
0.8239	0.0146	37.8158	-48.2735	0.0005	25.337	34.5948
0.8434	0.014	38.2573	-49.1564	0.0005	25.3007	35.2202
0.8613	0.0137	39.1403	-49.6531	0.0005	25.4095	35.7226
0.8763	0.0138	39.0299	-50.4257	0.0005	25.5751	36.2692
0.89	0.0137	39.5266	-50.8672	0.0004	25.7977	36.7322
0.9014	0.0136	39.6921	-51.3087	0.0003	26.1756	37.1606
0.9112	0.0137	39.8577	-51.695	0.0003	26.4604	37.6384
0.9192	0.014	40.0784	-52.1364	0.0002	26.859	38.1604
0.927	0.0139	40.244	-52.1364	0.0002	27.1903	38.5889
0.9338	0.014	40.2992	-52.302	0.0001	27.5009	39.0223
0.9396	0.0142	41.1821	-52.7435	0.0001	27.9151	39.3818
0.9445	0.014	40.7958	-52.7435	0	28.1635	39.697
0.9485	0.0143	41.2373	-53.0746	0.0001	28.0497	40.0072
0.9523	0.0143	41.6788	-53.6816	0.0001	28.1118	40.3372
0.9559	0.0145	41.5684	-53.8472	-0.0001	28.3396	40.5933
0.959	0.0142	41.5684	-54.5094	0.0002	28.5725	40.6623
0.9614	0.0144	41.8995	-54.2335	0.0001	28.7019	40.8248
0.9634	0.0146	41.7892	-55.282	0	28.8676	41.0907
0.9654	0.0146	41.9547	-55.1165	0.0001	29.1109	41.337
0.9666	0.0148	41.8444	-54.7853	0	29.4008	41.6817
0.9666	0.0151	41.7892	-55.1716	0.0001	29.7943	42.0215
0.9671	0.015	41.5684	-55.2268	0.0001	30.0686	42.4795
0.9672	0.0154	41.8995	-55.6131	0.0001	30.4051	42.8144
0.9679	0.0152	41.8995	-55.7787	0.0002	30.8762	43.1198
0.9683	0.0151	42.0099	-56.2202	0	31.2127	43.4793
0.9686	0.0154	41.734	-56.9376	-0.0001	31.5803	43.7945
0.9691	0.0154	42.0651	-57.2135	0.0001	31.9168	44.1097
0.9694	0.0154	41.8444	-57.7102	0	32.3775	44.5185
0.9698	0.0154	42.1203	-57.8757	0.0001	32.7606	44.878
0.9701	0.0153	41.8995	-58.4276	0	32.9832	45.1636
0.9705	0.0153	42.2858	-58.5379	0.0001	33.3197	45.4542
0.9703	0.0156	41.7892	-59.4761	0	33.6303	45.7398
0.9706	0.016	42.1203	-59.4209	0	33.9823	46.124
0.9707	0.016	41.9547	-59.0898	0.0001	34.6398	46.4737
0.9707	0.016	41.6788	-59.8072	0.0001	34.9142	46.8923
0.9704	0.0163	41.3477	-59.6968	0.0001	34.9038	47.3207

0.9708	0.0162	41.4581	-60.2487	0	35.1937	47.7295
0.9705	0.0164	41.4581	-60.4694	0.0001	35.5147	48.2614
0.9707	0.0162	41.4029	-60.4694	0	36.1204	48.6603
0.9704	0.0164	41.0718	-61.1869	0.0001	36.5915	48.9755
0.9702	0.0164	40.851	-61.6283	-0.0001	37.0625	49.3202
0.9699	0.0165	40.2992	-62.5665	0.0001	37.5544	49.6798
0.97	0.0166	40.7958	-62.8424	-0.0001	37.9167	50.0245
0.9696	0.0166	40.1336	-63.2839	0	38.2429	50.5416
0.9693	0.0167	40.5199	-64.2221	0	38.6053	51.1031
0.9692	0.017	40.6855	-64.3324	0.0001	39.1592	51.7729
0.968	0.0179	39.9129	-64.7187	0	39.6717	52.2555
0.9677	0.0181	39.8025	-64.7187	0.0001	40.2049	52.4426
0.9669	0.0185	39.5818	-64.6084	0.0001	40.6398	52.8169
0.9664	0.0183	38.6436	-65.1602	0.0001	40.9193	53.1174
0.9655	0.018	38.5332	-66.0432	-0.0001	41.1212	53.5409
0.9653	0.0175	38.3125	-66.8158	-0.0001	41.3852	53.8758
0.9643	0.0175	39.2506	-67.4228	0.0001	41.7114	54.2304
0.963	0.0177	38.8092	-68.8025	0	42.022	54.6539
0.9616	0.0179	40.0232	-70.5684	0.0001	42.4568	55.5306
0.9604	0.0178	41.3477	-72.9414	-0.0001	42.9072	56.0083
0.9581	0.0178	43.0033	-75.3695	0	43.1816	56.3136
0.9559	0.018	45.0451	-79.1221	0.0001	43.4301	55.9886
0.2581	0.0009	2.3592	0.2235	0.0001	24.5691	24.2739
0.7441	0.0085	27.8824	-29.9519	-0.0007	18.6226	25.6511
0.7399	0.0131	23.7435	-43.0308	-0.0006	21.0609	27.1926
0.7518	0.0153	24.3506	-44.0794	-0.0004	23.3801	29.7782
0.775	0.0157	26.558	-44.6864	-0.0002	24.2654	31.4527
0.7937	0.0164	27.165	-45.1831	0.0002	25.161	32.8267
0.8121	0.0168	28.1032	-46.5627	0.0003	27.4233	33.9693
0.8342	0.0167	29.7587	-47.4457	0.0002	28.1014	34.7967
0.8583	0.0163	31.3039	-48.2183	0.0002	28.9867	35.6241
0.8804	0.016	32.0214	-48.3838	0.0001	29.5975	36.2397
0.8995	0.0159	32.7388	-50.1498	0.0001	29.8253	36.7322
0.9162	0.0153	33.401	-51.5294	0.0001	30.6381	37.2985
0.9305	0.0154	34.2288	-52.7987	-0.0001	32.362	37.663
0.9427	0.0155	34.5047	-53.1298	-0.0001	32.7502	38.0126
0.9526	0.0156	34.284	-53.2402	-0.0002	33.7338	38.3869

0.9601	0.0156	34.6151	-53.5161	-0.0001	34.3085	38.8351
0.9657	0.0159	34.6702	-53.792	-0.0003	34.9038	39.3375
0.97	0.016	34.9462	-53.5161	-0.0003	35.2921	39.7955
0.9734	0.0161	35.2773	-54.0127	-0.0004	35.789	40.1944
0.9754	0.0164	35.3325	-54.2887	-0.0003	36.2032	40.5539
0.9772	0.0165	36.0499	-54.399	-0.0003	36.4258	40.81
0.9784	0.0165	36.1051	-54.5646	-0.0004	36.5811	40.9873
0.9793	0.0169	36.6017	-54.675	-0.0003	36.9642	41.1991
0.9801	0.017	36.8225	-54.8405	-0.0004	37.1868	41.4453
0.9805	0.0168	37.1536	-55.0613	-0.0003	37.4146	41.6423
0.9805	0.0168	37.5951	-55.6131	-0.0003	37.6009	41.8738
0.9805	0.0168	37.5399	-55.6683	-0.0003	37.5336	42.1299
0.9793	0.0171	38.0918	-55.8891	-0.0004	37.6993	42.5534
0.9793	0.0171	37.871	-56.4409	-0.0002	37.9271	42.775
0.9795	0.0173	38.0366	-56.0546	-0.0005	38.3878	43.0902
0.9793	0.0179	37.9262	-56.4961	-0.0004	38.9573	43.4153
0.9793	0.018	37.4847	-56.3305	-0.0003	39.5008	43.7206
0.9792	0.0184	37.3743	-57.0479	-0.0003	39.5578	44.021
0.9789	0.0181	37.3191	-57.4342	-0.0003	39.9719	44.484
0.979	0.018	37.3191	-57.7102	-0.0003	40.1531	44.8583
0.9791	0.0179	37.0432	-58.0965	-0.0002	40.531	45.2572
0.9791	0.0181	37.4295	-58.2068	-0.0003	40.9504	45.6709
0.9792	0.0182	37.7054	-58.8139	-0.0002	41.292	46.0255
0.9793	0.018	37.5399	-58.9794	-0.0004	41.6855	46.4195
0.9791	0.0182	37.5951	-59.5865	-0.0004	42.0272	46.7544
0.9789	0.0183	37.3743	-60.1383	-0.0003	42.5397	47.1484
0.9787	0.0183	37.5399	-60.7454	-0.0004	43.0004	47.5621
0.9786	0.0189	37.9814	-60.9109	-0.0003	43.487	47.9019
0.9784	0.019	37.6503	-60.9661	-0.0003	43.808	48.2417
0.9781	0.0194	37.8158	-60.8006	-0.0002	44.1393	48.552
0.9782	0.0196	37.871	-60.7454	-0.0004	44.4706	48.8869
0.9776	0.0198	37.9262	-61.2972	-0.0004	44.6208	49.0248
0.9775	0.02	38.0366	-61.1317	-0.0003	45.0246	49.4483
0.9775	0.0198	37.5951	-61.4076	-0.0005	45.5267	49.9309
0.9771	0.0199	37.5951	-61.8491	-0.0003	46.0703	50.2215
0.977	0.0199	37.0984	-62.1802	-0.0004	46.7329	50.6401
0.9771	0.0199	37.2088	-62.4009	-0.0003	47.4421	50.9996
0.9772	0.0199	37.264	-62.6769	-0.0003	48.0634	51.3592

0.9769	0.0198	36.9328	-63.3943	-0.0005	48.4723	51.7039
0.9773	0.0198	37.0984	-64.6084	-0.0002	49.078	51.9698
0.9771	0.0198	36.8777	-65.105	-0.0004	49.5595	52.4574
0.9767	0.0196	36.6569	-66.0984	-0.0004	50.2325	53.1075
0.9763	0.0198	36.5466	-67.0917	-0.0004	51.1332	53.6049
0.9762	0.0197	36.8777	-67.3676	-0.0004	51.4801	54.1713
0.9761	0.02	37.0984	-67.3124	-0.0005	51.6716	54.7918
0.9756	0.0199	36.7673	-66.9261	-0.0005	51.8476	55.3533
0.9756	0.0198	36.0499	-66.595	-0.0005	52.3343	55.8113
0.9757	0.0195	35.2221	-66.595	-0.0005	52.7536	56.4515
0.9757	0.0191	34.5047	-66.7606	-0.0005	53.2868	56.9834
0.9753	0.0185	34.2288	-67.2021	-0.0004	53.8563	56.9736
0.9751	0.0184	34.5047	-67.1469	-0.0004	54.5034	56.2447
0.9744	0.0182	34.284	-67.6987	-0.0007	55.0935	55.8458
0.973	0.0184	34.008	-68.4161	-0.0007	55.518	56.5894
0.9718	0.0182	34.2288	-68.968	-0.0006	56.0357	56.9539
0.9689	0.0186	34.1736	-97.9955	-0.0004	53.4732	57.4907

0.2099	0.0014	-0.5215	-3.0048	0.0004	23.1387	22.8733
0.2035	0.0092	14.9139	-109.0878	0	19.2438	24.937
0.2082	0.0123	24.7369	-44.3553	-0.0003	19.6528	24.9616
0.2488	0.0118	24.0195	-44.7416	-0.0002	21.708	26.7149
0.2919	0.0124	25.8958	-46.5075	0.0001	21.796	27.7442
0.3316	0.013	26.558	-46.8386	0.0003	21.7908	28.6553
0.3857	0.013	27.7169	-47.832	0.0002	21.4647	29.4187
0.4548	0.0128	30.0899	-47.6664	0.0001	21.356	30.1426
0.5219	0.0127	30.3658	-48.8805	0.0001	21.4595	30.842
0.5811	0.0128	31.2488	-49.5427	-0.0001	21.4595	31.4428
0.6324	0.0131	31.5799	-50.7568	0	21.4595	32.0043
0.6764	0.0131	32.0765	-52.1916	-0.0001	21.4595	32.6741
0.713	0.0132	32.7939	-51.9157	-0.0001	21.4595	33.2897
0.7448	0.0131	32.8491	-53.2953	-0.0003	22.7	33.8708
0.7739	0.0132	33.401	-54.0679	-0.0002	22.5	34.383
0.7998	0.0134	33.6769	-54.8957	-0.0003	21.8685	34.8853
0.8223	0.0134	34.1736	-55.9994	-0.0003	21.708	35.3434
0.8431	0.0135	34.4495	-56.5513	-0.0002	22.8883	35.8408

0.8606	0.0136	34.7254	-57.3239	-0.0003	23.15	36.2003
0.8747	0.0139	35.2221	-58.0965	-0.0002	23.4	36.5894
0.887	0.014	35.498	-57.1583	-0.0002	23.65	37.0375
0.8938	0.0144	35.4428	-57.3791	-0.0003	23.9	37.397
0.9	0.0144	35.3877	-57.3239	-0.0002	24.15	37.791
0.9051	0.0147	35.6636	-57.8205	-0.0004	24.4	38.2491
0.9095	0.0149	35.8291	-58.0413	-0.0003	24.65	38.648
0.9129	0.0151	35.8843	-58.7035	-0.0004	24.85	39.1109
0.916	0.0152	36.6569	-59.145	-0.0004	25	39.5443
0.926	0.0155	36.6569	-60.1383	-0.0003	25.2	39.9432
0.9373	0.0153	37.1536	-60.3591	-0.0004	25.3	40.2929
0.9463	0.0157	37.3191	-60.9109	-0.0004	25.4	40.6918
0.9529	0.0159	37.4295	-61.1317	-0.0002	25.513	41.0119
0.9582	0.0158	37.7606	-62.0698	-0.0003	25.8133	41.3665
0.9621	0.0161	38.0918	-62.2354	-0.0005	26	41.6374
0.9649	0.0163	38.0366	-61.7387	-0.0002	26.2	41.8393
0.9671	0.0166	37.9814	-62.125	-0.0003	26.4	42.1693
0.9685	0.0168	38.2021	-62.0146	-0.0001	26.6	42.3958
0.9695	0.017	38.3677	-61.9594	-0.0001	26.8	42.3466
0.9704	0.0169	38.5332	-62.6217	-0.0002	27	42.578
0.9709	0.0173	38.4229	-63.008	-0.0002	27.6769	42.9622
0.9723	0.0169	38.5884	-63.615	-0.0004	28.06	43.3119
0.9731	0.0171	38.6436	-63.8358	-0.0003	28.6088	43.5975
0.9739	0.0173	38.6988	-64.7739	-0.0002	29.1575	43.9718
0.9747	0.0172	38.478	-65.7121	-0.0003	29.6855	44.3067
0.9751	0.0175	38.6436	-66.3191	-0.0003	30.2291	44.8681
0.9745	0.0173	38.0366	-67.1469	-0.0003	30.3948	45.3212
0.9739	0.0173	38.0366	-67.5884	-0.0003	30.3948	45.8285
0.9739	0.0173	38.5884	-68.5817	-0.0004	30.3948	46.3013
0.971	0.0181	38.9195	-70.5132	-0.0002	30.3948	46.8627
0.9706	0.0179	39.0851	-71.5065	-0.0004	30.3948	47.3109
0.9709	0.018	39.4714	-72.5551	-0.0003	30.3948	47.7837
0.9712	0.0181	40.0784	-74.4314	-0.0004	30.3948	48.1924
0.9714	0.0182	40.4647	-75.811	-0.0004	30.2809	48.813
0.9718	0.0182	41.1269	-77.1906	-0.0004	30.3326	49.532
0.9721	0.018	41.3477	-77.7977	-0.0006	31.9478	50.1772
0.972	0.0181	40.851	-78.4047	-0.0003	32.5587	50.3003
0.9719	0.0176	40.2992	-79.2325	-0.0004	33.154	50.6007

0.9678	0.0176	60.1107	-79.7292	0	32.0099	50.9947
0.9726	0.0176	48.4114	-88.7244	0.0031	33.827	52.7529
0.9624	0.0176	46.7007	-89.8281	0.0043	35.4577	54.6588
0.9521	0.0176	45.9281	-90.2144	0.0044	35.9961	54.8066
0.9391	0.0176	44.6036	-89.3866	0.0044	37.544	55.9295
0.9271	0.0176	43.7207	-88.4485	0.0053	39.0763	56.5845
0.9183	0.0176	41.4581	-85.634	0.0058	41.0487	56.3087
0.9114	0.0176	41.0718	-85.4133	0.0066	41.6337	56.0526
0.9003	0.0176	40.1336	-85.2477	0.0072	43.1764	56.3924
0.8839	0.0176	39.8025	-85.4133	0.0073	43.4663	55.7867
0.8584	0.0176	38.9747	-95.5674	0.0086	43.7614	55.4813

0.3634	0.0004	2.4585	-2.1108	-0.0002	20.8278	23.1791
0.7043	0.0097	31.3591	-45.1279	-0.0005	16.878	24.8681
0.6868	0.0129	27.6617	-44.5209	-0.0006	19.4871	26.9513
0.6928	0.0141	29.3173	-45.0175	-0.0004	21.2421	29.4532
0.7049	0.0145	29.9795	-46.4523	0	21.4854	30.8075
0.7126	0.0154	29.7587	-47.8872	0.0002	21.7391	31.9008
0.7231	0.0156	30.5865	-48.8805	0.0003	21.6096	32.9597
0.7394	0.0154	31.5799	-49.1012	0.0001	21.3819	33.8511
0.76	0.0152	32.4628	-49.1564	0.0001	20.9936	34.5751
0.7818	0.0149	32.7388	-49.7635	0	20.8176	35.2005
0.803	0.0148	33.0147	-50.3705	0	20.8021	35.7127
0.8237	0.0146	33.5665	-51.1431	-0.0001	20.7917	36.1067
0.8432	0.0146	33.9528	-52.2468	-0.0002	20.9211	36.4712
0.8609	0.0145	34.1184	-53.3505	-0.0001	20.9884	36.7519
0.8771	0.0145	34.5599	-52.7987	-0.0002	21.1179	37.0818
0.8934	0.0146	34.891	-52.6883	-0.0002	21.2524	37.402
0.9105	0.0147	34.891	-52.909	-0.0003	21.4388	37.6728
0.9212	0.0149	35.1117	-53.0194	-0.0004	21.5889	38.0865
0.9305	0.0152	35.1669	-53.6264	-0.0004	21.8012	38.3574
0.9394	0.0155	35.1117	-53.6816	-0.0004	22.0083	38.6775
0.9472	0.0158	35.498	-53.9024	-0.0004	22.3137	39.1208
0.9531	0.016	35.4429	-54.1783	-0.0004	22.7071	39.4507
0.9575	0.016	35.8291	-54.4542	-0.0004	22.9401	39.7561
0.9606	0.0163	36.0499	-55.0061	-0.0005	23.1938	40.0122
0.9634	0.0164	36.3258	-55.1716	-0.0003	23.4578	40.2092
0.9655	0.0164	36.2706	-56.0546	-0.0004	23.727	40.5145

0.9669	0.0164	36.4362	-55.9442	-0.0003	24.0531	40.8149
0.9679	0.0164	36.5466	-56.9376	-0.0003	24.4414	41.0316
0.9685	0.0166	36.8225	-56.3305	-0.0002	24.7158	41.204
0.9697	0.0169	36.988	-56.6616	-0.0002	25.073	41.4305
0.9703	0.0171	36.6569	-57.1583	-0.0004	25.3939	41.6916
0.9713	0.0173	36.9328	-56.9376	-0.0002	25.7408	42.1151
0.9718	0.0173	37.0432	-57.3239	-0.0004	26.0152	42.4993
0.9733	0.0175	37.1536	-57.8757	-0.0003	26.4759	42.9228
0.9756	0.0173	36.988	-58.3724	-0.0003	26.7813	43.4498
0.9776	0.0175	37.4295	-58.5379	-0.0003	27.2007	44.0604
0.979	0.0177	37.0984	-59.0898	-0.0003	27.6148	44.4741
0.9796	0.0176	36.9328	-59.4209	-0.0005	28.06	44.814
0.9804	0.0177	36.9328	-60.028	-0.0002	28.5104	45.0405
0.9806	0.0177	36.8225	-60.8557	-0.0004	29.054	45.3064
0.981	0.0178	36.7121	-61.7387	-0.0003	29.5561	45.6069
0.9812	0.0179	36.9328	-62.2354	-0.0005	30.11	45.8974
0.9819	0.018	36.7121	-62.3457	-0.0002	30.4465	46.1683
0.9818	0.0183	36.7673	-62.4009	-0.0002	30.871	46.5081
0.9815	0.0186	36.5466	-62.4561	-0.0004	31.3991	46.8282
0.9813	0.0188	36.6569	-62.5665	-0.0003	31.9582	47.301
0.9813	0.0189	36.6569	-63.3391	-0.0002	32.4914	47.6901
0.9813	0.0187	36.7121	-63.7254	-0.0003	33.0608	48.1383
0.9811	0.0187	36.6017	-64.2221	-0.0003	33.7235	48.5864
0.9805	0.0193	36.8225	-65.0498	-0.0002	34.3809	49.2808
0.9805	0.0188	36.3258	-65.8776	-0.0004	35.0695	49.7389
0.9803	0.0188	36.2154	-66.595	-0.0004	35.7942	50.2461
0.9797	0.0193	36.4362	-67.2021	-0.0003	36.462	50.8076
0.9794	0.0192	36.1051	-67.4228	-0.0004	37.1713	51.0932
0.9793	0.0191	36.0499	-68.085	-0.0004	37.8184	51.2902
0.979	0.019	35.5532	-68.3058	-0.0003	38.3723	51.5857
0.9784	0.0194	35.6084	-68.968	-0.0005	39.0919	51.8664
0.9783	0.0192	35.7188	-69.4095	-0.0004	39.7131	52.1028
0.978	0.0191	35.6636	-69.7958	-0.0006	40.3861	52.6692
0.9778	0.0191	35.0565	-69.851	-0.0005	41.1264	53.339
0.9776	0.0186	34.2288	-70.458	-0.0005	41.7942	53.7182
0.9773	0.0185	34.008	-71.065	-0.0004	42.3481	54.3732
0.9765	0.0186	34.008	-70.8443	-0.0005	42.8347	54.8657
0.9757	0.0184	33.4562	-71.3962	-0.0005	43.2851	55.2646

0.9746	0.0183	33.2906	-72.2791	-0.0005	43.7666	55.4124
0.9733	0.0181	33.0147	-73.6036	-0.0004	44.0927	55.7029
0.9712	0.0185	32.9043	-74.2106	-0.0005	44.569	55.8359
0.9687	0.0184	33.2906	-76.0317	-0.0004	44.7139	55.7177
0.3898	0.0006	2.1108	-1.0182	-0.0003	20.921	20.1429
0.7176	0.0289	36.6017	-48.1079	0.0009	20.5898	21.854
0.7166	0.0459	36.3258	-50.6464	0.0019	22.9815	24.2722
0.7394	0.0507	37.4847	-52.6331	0.0024	24.9798	27.8624
0.7652	0.0512	38.1469	-54.675	0.0029	25.8133	29.4039
0.7846	0.053	36.988	-55.9994	0.0035	26.4552	30.4234
0.8052	0.0523	38.0366	-56.5513	0.0033	26.9315	31.4182
0.8269	0.0345	38.9747	-57.1583	0.0015	27.0505	32.2801
0.8468	0.0126	39.8025	-57.8205	0.0001	27.0661	33.0779
0.8636	0.0122	39.7473	-58.6483	-0.0002	27.2162	33.7083
0.8775	0.012	39.5818	-59.5865	-0.0001	27.3611	34.1614
0.8906	0.0119	40.0784	-60.3039	-0.0001	27.444	34.5849
0.9038	0.0119	40.4647	-60.5798	-0.0001	27.5423	34.9691
0.9156	0.012	40.244	-61.5731	-0.0003	27.6303	35.3975
0.9275	0.0121	40.6303	-61.9594	-0.0003	27.7908	35.757
0.9374	0.0121	40.7958	-61.9594	-0.0003	27.827	36.1018
0.9473	0.0124	41.1821	-62.5113	-0.0003	27.884	36.3677
0.9555	0.0125	41.1821	-62.9528	-0.0004	28.0755	36.6386
0.9632	0.0125	41.1821	-63.0632	-0.0003	28.2515	36.939
0.9684	0.0128	41.4029	-63.9461	-0.0004	28.4379	37.1754
0.9725	0.0129	41.5132	-64.4428	-0.0004	28.6398	37.4955
0.9748	0.0128	41.3477	-64.9395	-0.0003	28.8572	37.86
0.977	0.013	41.5132	-64.9946	-0.0004	29.1213	38.2392
0.9783	0.0131	41.4581	-65.4913	-0.0004	29.4681	38.5495
0.9792	0.013	41.1269	-66.0432	-0.0005	29.7373	38.8351
0.9797	0.0134	40.7958	-65.1602	-0.0004	30.079	39.1355
0.9801	0.0136	40.7958	-64.2221	-0.0002	30.2964	39.1454
0.9806	0.0138	40.4095	-64.6084	-0.0003	30.4828	39.2734
0.9805	0.014	39.8577	-64.5532	-0.0002	30.6795	39.4951
0.9806	0.0143	39.6921	-64.1669	-0.0003	30.9176	39.7856
0.9806	0.0144	39.7473	-63.5598	-0.0001	31.1506	40.0713
0.9805	0.0147	39.6369	-63.8358	-0.0001	31.5078	40.4111
0.9806	0.0146	39.9129	-63.615	-0.0002	31.8339	40.7263

0.9802	0.0148	39.5266	-64.3324	0.0001	32.0669	41.0168
0.9803	0.015	39.0851	-63.7254	0.0001	32.3206	41.332
0.9803	0.0151	39.0299	-64.0565	0.0003	32.6312	41.6128
0.9803	0.0153	38.6436	-64.0013	0.0002	32.9004	41.9033
0.9804	0.0155	38.9747	-63.1183	0.0005	33.2731	42.1102
0.98	0.0159	38.478	-62.9528	0.0006	33.5889	42.2826
0.9798	0.016	37.9814	-62.4561	0.0008	33.7908	42.2924
0.9792	0.0164	37.4847	-63.008	0.0009	34.0237	42.4549
0.979	0.0167	37.0432	-62.8976	0.0011	34.3085	42.5731
0.979	0.0172	36.988	-61.8491	0.0013	34.6294	42.8144
0.9786	0.0174	36.7121	-61.8491	0.0015	35.0022	43.0558
0.9782	0.0178	36.2154	-62.0698	0.0015	35.3749	43.2577
0.9782	0.0179	35.6084	-61.5732	0.0017	35.7062	43.499
0.978	0.0178	35.3325	-61.9594	0.0017	36.11	43.7255
0.9777	0.0183	34.7806	-61.9043	0.0019	36.4517	43.7354
0.9774	0.0185	33.3458	-61.7387	0.0023	36.9072	43.9324
0.9769	0.0189	32.1317	-63.008	0.0026	37.223	44.0801
0.9765	0.0194	31.5247	-63.2287	0.003	37.8184	44.3855
0.9763	0.0194	30.6417	-63.4495	0.0031	38.3723	44.9568
0.9762	0.0193	30.3658	-63.5598	0.0031	37.7977	45.3951
0.9759	0.0194	29.7587	-64.3324	0.003	32.9521	45.7645
0.9752	0.0195	28.8206	-64.8843	0.0031	33.7804	46.0944
0.9752	0.0198	28.2136	-64.6083	0.0032	35.3542	46.4589
0.9748	0.0202	27.9928	-65.0498	0.0033	36.4983	46.8135
0.9746	0.0199	27.441	-65.1602	0.0031	37.2955	47.0105
0.9742	0.0202	26.9995	-65.1602	0.0034	37.28	47.3454
0.9737	0.0203	26.3924	-65.3258	0.0033	36.9331	47.5276
0.9733	0.0203	25.068	-65.7672	0.0033	38.5587	47.9807
0.9727	0.0201	24.2954	-66.2639	0.0039	39.6872	48.222
0.9723	0.0198	23.4124	-67.5332	0.0038	40.8313	48.7145
0.9723	0.0193	23.2469	-69.851	0.0034	41.877	49.3252
0.9721	0.0189	23.6883	-72.1688	0.0029	43.2851	49.793
0.9718	0.0186	23.5228	-73.6036	0.0027	43.2127	49.9457
0.9712	0.0186	23.2469	-75.6454	0.0026	42.1721	49.8177
0.97	0.0188	22.1983	-78.2943	0.0028	41.1367	49.5665
0.9677	0.019	22.3087	-81.8814	0.003	39.7959	49.4483
0.209	0.0004	-1.0678	-3.2035	0	22.1976	24.4601

0.5359	0.0102	33.7321	-39.0023	-0.0002	24.9125	25.7053
0.6885	0.011	58.4552	-38.5608	-0.0002	26.1083	28.1973
0.7101	0.0151	54.0955	-43.362	0.0001	27.8529	30.9011
0.7275	0.0164	55.0337	-45.1279	0.0008	28.6553	33.1813
0.7436	0.0165	56.0822	-45.8453	0.0008	29.1471	34.9346
0.764	0.0164	57.517	-46.3972	0.0008	29.437	36.2889
0.7865	0.0161	59.1174	-47.832	0.0008	29.7011	37.0474
0.8077	0.0159	60.3315	-49.2668	0.0008	29.7166	37.7172
0.8272	0.0157	60.4418	-50.1498	0.0008	29.8667	38.3426
0.8451	0.0158	61.2144	-51.2535	0.0007	30.0686	38.9385
0.8614	0.0158	61.3248	-51.9709	0.0005	30.3068	39.4212
0.8754	0.016	61.38	-52.3572	0.0006	30.4931	39.8299
0.8876	0.0162	61.8767	-52.6331	0.0004	30.5863	40.1747
0.898	0.0163	62.1526	-53.1298	0.0004	30.7313	40.5096
0.9071	0.0164	62.87	-53.4609	0.0004	30.871	40.6426
0.915	0.0166	62.8148	-54.3439	0.0004	30.9746	40.7115
0.9223	0.0165	63.2563	-55.282	0.0003	31.1454	41.0218
0.9286	0.0166	63.3115	-56.6065	0.0003	31.2697	41.2089
0.9337	0.0168	63.5874	-56.5513	0.0003	31.4043	41.4896
0.9378	0.0169	63.753	-57.2687	0.0002	31.513	41.7507
0.9415	0.0172	63.3667	-57.8757	0.0003	31.6217	42.0412
0.9446	0.0177	63.753	-58.4276	0.0002	31.7615	42.3909
0.9479	0.0178	63.477	-59.145	0.0003	31.9426	42.7012
0.9508	0.018	62.9252	-59.6968	0.0001	32.0669	43.0804
0.9532	0.0182	63.0907	-59.8072	0.0003	32.4086	43.3562
0.9556	0.0183	63.2563	-60.4694	0.0002	32.6726	43.6517
0.9574	0.0184	63.477	-61.0765	0.0001	32.8589	44.0112
0.959	0.0184	63.753	-61.4628	0.0003	33.1903	44.3018
0.9604	0.0183	63.6978	-61.9043	0.0002	33.4336	44.6071
0.9613	0.0186	63.9737	-62.4561	0.0002	33.6407	44.8928
0.9622	0.0187	63.8633	-62.8976	0.0003	33.9099	45.2621
0.9623	0.0188	63.6978	-63.6702	0.0002	34.0393	45.5527
0.9628	0.0188	64.0841	-64.498	0.0002	34.1635	45.7891
0.9628	0.019	63.5874	-64.5532	0.0002	34.4172	46.0797
0.9629	0.0193	63.3667	-64.498	0.0002	34.6398	46.3062
0.9632	0.0193	63.3667	-64.6084	0.0003	34.8158	46.6362
0.963	0.0196	63.1459	-64.8291	0.0002	35.1316	47.0203
0.9631	0.0195	62.7045	-64.9946	0.0001	35.3645	47.3454

0.963	0.0196	62.263	-65.6569	0.0001	35.5561	47.6704
0.963	0.0195	62.3182	-65.9328	0.0001	35.758	48.0447
0.9627	0.0197	62.0422	-66.5398	0.0001	35.8926	48.3599
0.9624	0.0198	61.8767	-66.9261	0.0001	36.3119	48.744
0.9625	0.0196	61.3248	-67.478	0.0002	36.8037	49.0395
0.962	0.0198	61.1593	-67.8643	0.0001	37.2386	49.2956
0.962	0.0196	60.8281	-68.3058	0.0001	37.4922	49.6157
0.9617	0.0195	60.3315	-69.0232	0.0001	38.1911	50.0147
0.9609	0.0196	59.1174	-69.6302	0.0001	38.6777	50.4086
0.9609	0.0199	59.007	-69.4095	0.0001	39.1851	50.7928
0.9605	0.0201	58.5104	-69.3543	0.0001	39.7597	51.1622
0.9599	0.0202	58.1241	-70.1269	0	40.4016	51.5365
0.9594	0.0203	57.4067	-70.8443	0	41.0487	51.96
0.9591	0.0202	56.7444	-71.1754	-0.0001	41.6648	52.4229
0.9589	0.0201	56.027	-71.5065	-0.0001	42.3636	52.945
0.9583	0.0201	55.2544	-72.0584	-0.0001	43.0366	53.467
0.9572	0.0204	54.3163	-72.7206	-0.0001	43.8235	53.8807
0.9569	0.0202	53.4333	-73.1069	0	44.512	54.4668
0.9558	0.0204	52.44	-73.5484	0	45.1902	54.9691
0.9547	0.0204	51.9985	-73.8795	-0.0001	45.9046	55.4321
0.953	0.0207	50.5085	-74.4314	0	46.4119	55.8753
0.9521	0.02	46.3696	-75.8662	0	47.0642	56.6485
0.9496	0.0203	43.3895	-76.8595	0	47.7579	57.3478
0.9474	0.0202	41.8995	-77.1906	-0.0001	49.047	58.4313
0.9443	0.0201	41.6236	-78.7358	0	50.3412	58.9878
0.9401	0.0206	41.5684	-79.6188	-0.0001	50.5897	59.9039
0.9352	0.0206	41.4581	-80.2258	0	50.2066	60.3274
0.9281	0.0207	41.8444	-80.9984	-0.0001	49.6682	60.3717
0.9188	0.0207	42.2858	-82.5436	-0.0001	49.0625	60.4555
0.9071	0.0205	43.224	-85.5788	-0.0001	48.7674	61.5389
0.8913	0.0206	43.831	-88.5588	-0.0002	48.5862	63.3513
0.2094	0.0009	-0.8692	-4.0479	0.0005	22.3001	23.188
0.1753	0.015	26.1717	-281.6527	0.0001	27.0505	24.3756
0.1763	0.0158	33.0699	-59.2002	0.0001	29.142	25.5034
0.2317	0.0154	35.1117	-55.1165	0.0003	29.6182	26.3258
0.2832	0.016	36.1603	-55.0613	0.0007	29.4422	27.429

0.3274	0.0166	37.2088	-55.5028	0.0007	28.1894	28.4288
0.3779	0.0168	39.9681	-54.5094	0.0008	27.8063	29.2315
0.4315	0.0169	43.831	-54.8405	0.0007	27.1437	29.7437
0.4808	0.0163	45.8177	-55.0061	0.0007	26.595	30.3002
0.5221	0.0162	44.8796	-56.2753	0.0008	26.3309	30.8962
0.5572	0.0162	45.2107	-56.6065	0.0007	26.1446	31.4182
0.5865	0.0161	44.8796	-57.5446	0.0006	26.1135	32.0338
0.6106	0.016	44.6588	-58.3724	0.0006	26.1083	32.5263
0.6301	0.016	43.9414	-59.6968	0.0006	26.1549	32.9203
0.6459	0.0159	43.7758	-60.3039	0.0006	26.2326	33.3389
0.6585	0.016	44.0518	-60.635	0.0005	26.2688	33.7428
0.6695	0.0157	43.9414	-61.2972	0.0006	26.3413	34.1121
0.6781	0.016	44.3277	-61.7387	0.0005	26.3827	34.4372
0.6853	0.0161	43.7758	-62.4561	0.0004	26.4655	34.7474
0.6915	0.0164	43.7207	-62.6217	0.0003	26.5898	35.1119
0.6972	0.0165	44.107	-62.6769	0.0002	26.714	35.4616
0.7019	0.0165	44.2173	-62.8424	0.0003	26.8486	35.8703
0.7058	0.0166	44.3277	-63.0632	0.0003	26.9884	36.1855
0.7087	0.0168	44.6588	-63.5598	0.0004	27.1541	36.5401
0.7111	0.0167	44.5484	-63.8909	0.0003	27.2938	36.8307
0.7131	0.0167	44.4381	-64.3324	0.0002	27.5061	37.0818
0.7145	0.0168	44.4933	-65.0498	0.0003	27.7028	37.4561
0.7144	0.017	44.107	-66.0432	0.0003	27.8063	37.6581
0.7147	0.017	44.4381	-66.0432	0.0003	27.9461	37.993
0.7146	0.0172	44.4381	-65.988	0.0003	28.148	38.2885
0.7142	0.0174	44.6588	-66.2087	0.0002	28.3344	38.5002
0.713	0.0175	44.5484	-66.5398	0.0003	28.557	38.7021
0.7116	0.0179	44.6036	-66.9813	0.0003	28.8987	39.0124
0.7107	0.0175	44.8244	-67.2572	0.0003	29.1316	39.2685
0.7087	0.0178	45.0451	-67.3676	0.0003	29.3749	39.5443
0.7068	0.0178	45.2659	-67.8643	0.0003	29.6286	39.8447
0.7047	0.0177	45.1555	-68.7473	0.0002	29.8823	40.1451
0.7012	0.018	45.1003	-69.1336	0.0003	30.1307	40.3963
0.6977	0.0179	45.1003	-68.9128	0.0003	30.3948	40.7066
0.6934	0.0179	44.8244	-69.7958	0.0003	30.5967	40.9282
0.689	0.018	45.321	-70.4028	0.0002	30.871	41.1153
0.6843	0.0182	45.2659	-70.5684	0.0002	31.1454	41.3862
0.6793	0.0182	45.321	-70.2373	0.0003	31.4146	41.6423

0.6739	0.0186	45.1555	-70.458	0.0003	31.8184	41.9181
0.6684	0.0187	45.0451	-70.7339	0.0003	32.1394	42.1644
0.6628	0.0186	45.321	-71.8928	0.0003	32.4344	42.4697
0.657	0.0184	45.597	-71.6721	0.0003	32.8175	42.7258
0.6507	0.0185	45.9281	-72.5551	0.0003	33.1178	43.0755
0.6438	0.0189	45.8729	-73.438	0.0003	33.4232	43.1247
0.6364	0.0189	46.1488	-74.1554	0.0003	33.7183	43.2183
0.629	0.0188	46.204	-74.7625	0.0003	34.003	43.499
0.62	0.0188	46.204	-76.3628	0.0003	34.3395	43.6517
0.6102	0.0191	46.4799	-76.5284	0.0003	34.7537	43.9472
0.599	0.0193	46.4799	-77.4114	0.0003	35.1109	44.1786
0.5874	0.0195	46.4799	-77.6321	0	35.5768	44.4347
0.574	0.0197	46.5903	-78.184	0.0003	36.0013	44.5628
0.5594	0.02	46.811	-78.8462	0.0003	36.431	44.9075
0.5434	0.0201	46.8662	-79.6188	0.0003	36.871	45.203
0.5265	0.0197	47.5285	-80.3362	0.0004	37.3835	45.6167
0.507	0.0198	47.6388	-81.2744	0.0003	37.865	45.8186
0.4865	0.0198	48.3562	-83.0955	0.0003	38.3412	46.2373
0.4658	0.0194	49.0185	-85.9651	0.0002	38.6053	46.7051
0.4432	0.0196	51.4466	-89.1659	0.0003	38.8952	47.0351
0.42	0.02	55.9718	-96.4503	0.0002	38.9573	47.5079
0.3967	0.0208	62.9252	-105.5008	0.0004	39.1436	47.6359
0.3708	0.0219	71.3134	-120.3456	0.0003	39.2938	47.7197
0.3372	0.0225	74.9004	-127.6853	0.0004	39.7856	48.2417
0.2972	0.023	73.576	-128.1268	0.0004	40.2774	48.6455
0.251	0.0237	81.4123	-146.338	0.0005	40.8986	49.207
0.2016	0.024	83.8957	-153.1258	0.0005	41.1471	49.7733
0.1485	0.0244	82.0194	-151.9669	0.0006	41.0694	50.3643
0.0945	0.0242	83.4542	-154.7814	0.0006	41.4215	50.9701
0.218	0.0006	1.1175	-0.7698	0.0002	22.4073	22.8777
0.6447	0.0079	44.107	-40.3819	-0.0002	19.8858	22.5977
0.7038	0.0118	38.8092	-44.4657	0	22.0342	23.9668
0.708	0.0143	31.1384	-47.2801	-0.0001	22.9712	27.0547
0.7181	0.0156	34.8358	-48.7149	0.0005	23.2404	29.3448
0.7248	0.0165	37.9814	-48.7701	0.0008	22.7227	30.5859
0.7394	0.0152	41.6788	-49.5427	0.0006	22.0911	31.6694

0.7545	0.0149	42.7273	-50.205	0.0007	21.6718	32.4327
0.7701	0.0145	44.107	-50.9224	0.0006	21.3767	33.2109
0.7845	0.0145	44.9347	-51.8053	0.0004	21.1696	34.0235
0.7923	0.0143	46.0936	-52.6883	0.0004	21.1282	34.6342
0.7991	0.0143	45.1555	-53.1298	0.0002	21.123	35.1513
0.8034	0.0142	45.597	-53.5713	0.0003	21.1437	35.5502
0.8075	0.0141	44.9899	-54.4542	0.0003	21.1903	35.9048
0.8069	0.0139	47.4181	-53.9024	0.0003	21.2421	36.1609
0.8107	0.014	46.8111	-54.7853	0.0002	21.2162	36.3973
0.8029	0.014	47.9699	-54.2887	0.0003	21.2887	36.614
0.7997	0.0144	48.4114	-55.5579	0.0001	21.3456	36.8208
0.7928	0.0145	48.3562	-55.1716	0	21.3042	37.0277
0.7835	0.0147	48.1907	-55.0061	0	21.4699	37.2394
0.7744	0.0151	48.9633	-53.7368	0.0002	21.6511	37.5005
0.7686	0.0151	48.4114	-54.9509	0.0001	21.765	37.727
0.7644	0.015	48.9081	-54.1783	0.0002	21.9306	38.0176
0.7588	0.015	50.0118	-54.7302	0	22.0859	38.2638
0.755	0.015	50.1774	-54.399	0.0001	22.2464	38.4116
0.7551	0.0152	49.9566	-54.8405	0.0002	22.4535	38.7169
0.7563	0.0151	50.3429	-55.3924	0	22.6709	38.9385
0.7559	0.0151	50.95	-55.8891	0.0001	22.8987	39.0666
0.7614	0.0155	50.8396	-56.2753	0.0001	23.1109	39.1799
0.7666	0.0156	50.8948	-56.9376	0.0001	23.3387	39.3867
0.7718	0.0157	51.2811	-56.5513	0.0002	23.6545	39.6034
0.775	0.0159	51.557	-57.1583	0.0001	23.9651	39.7167
0.7787	0.0161	51.1155	-57.2687	0	24.2654	39.9481
0.7838	0.0164	50.2877	-57.7102	0.0001	24.6536	40.2042
0.7891	0.0165	49.7911	-57.9309	0	25.0574	40.485
0.7937	0.0167	49.6807	-58.3724	0.0002	25.4768	40.7706
0.7974	0.0167	49.9014	-58.3724	0	25.8961	41.076
0.8001	0.0169	49.9566	-58.5931	0.0002	26.3258	41.4699
0.8021	0.017	49.6807	-58.9242	-0.0001	26.7969	41.7113
0.8037	0.017	49.2944	-59.4209	0.0003	27.2265	41.9871
0.8039	0.0174	48.6874	-59.3657	0.0002	27.7494	42.5337
0.8043	0.0174	48.3562	-59.5865	0	28.2878	42.972
0.8048	0.0177	48.2459	-60.1383	0.0001	28.7899	43.2134
0.8055	0.0176	48.2459	-60.028	0.0001	29.2714	43.499
0.8043	0.0175	47.9699	-59.5865	0.0001	29.8046	43.7649

0.8026	0.0175	47.5836	-59.8072	0.0001	30.2964	44.0654
0.8006	0.0172	47.5285	-60.1935	0.0001	30.8244	44.4003
0.7972	0.0173	46.6455	-60.5798	0	31.3525	44.745
0.7934	0.017	46.3144	-60.7454	0	31.8753	44.9814
0.7881	0.0171	45.3762	-61.242	-0.0001	32.3671	45.3705
0.7826	0.0171	45.321	-61.242	0.0001	32.9314	45.6807
0.7758	0.0172	44.6036	-62.0698	0	33.5526	46.0304
0.7677	0.0173	43.9966	-62.4009	0	34.0496	46.3456
0.7591	0.0174	43.1688	-62.7872	-0.0001	34.5725	46.6214
0.7494	0.0175	42.8929	-62.9528	0	35.0384	46.8824
0.7377	0.0179	42.341	-62.9528	0	35.5716	47.0843
0.725	0.0181	41.7892	-63.1183	0	36.1928	47.6655
0.7117	0.0183	41.3477	-63.2287	0.0001	36.8555	48.2909
0.6968	0.0185	40.5751	-63.5046	0.0001	37.4249	48.6948
0.6804	0.0185	40.1336	-64.2772	-0.0001	37.9944	49.1331
0.6626	0.0185	38.3677	-64.3324	0	38.4914	49.5172
0.6427	0.018	36.8777	-64.8291	-0.0001	38.6829	49.862
0.6203	0.0179	36.2706	-65.0498	-0.0002	38.921	50.2412
0.5963	0.0181	35.9947	-64.9395	0.0001	39.4439	50.6894
0.5697	0.0179	35.4428	-66.0984	0.0001	39.8995	50.8667
0.5394	0.0181	35.7188	-66.3191	0.0001	40.4741	50.9849
0.504	0.0181	35.9947	-67.0917	-0.0001	40.94	51.1917
0.4636	0.0181	35.9947	-68.0298	-0.0001	41.3749	51.3395
0.4163	0.018	36.0499	-68.3058	-0.0001	41.9029	51.6694
0.3595	0.0188	36.3258	-69.1336	0.0001	42.5086	51.7778
0.2894	0.019	36.4362	-70.5684	0.0001	43.135	51.9501
0.2015	0.0193	36.6569	-80.0051	0.0001	43.4197	51.3789
0.2077	0.0003	-1.3658	-2.3592	-0.0001	0	0
0.2073	0.0003	-0.3725	-2.3592	-0.0002	23.5717	22.642
0.2062	0.0006	-1.3658	-2.3592	0.0003	23.5717	22.908
0.2038	0.0004	-1.3658	-1.8625	0	23.5251	23.0409
0.2043	0.0004	-0.8692	-1.8625	-0.0001	23.5717	23.0409
0.2062	0.0003	0.6208	-1.8625	-0.001	23.5717	23.0853
0.2073	0.0004	-0.8692	-1.8625	0.0001	23.4785	23.1296
0.2085	0.0005	-0.8692	-1.3658	0.0001	23.4319	23.2626
0.2068	0.0006	-0.8692	-1.8625	0.0004	23.4319	23.1296
0.24	0.0004	18.5009	9.0642	0.0001	23.4785	27.429

0.6535	0	8.5675	-94.2429	-0.0004	23.6649	24.7253
0.4224	0.0099	35.8843	-52.0261	-0.0003	24.6433	23.1739
0.4706	0.01	37.871	-49.5427	-0.0003	24.5501	22.509
0.5289	0.0093	41.3477	-49.0461	-0.0003	24.4103	22.1101
0.5736	0.0091	43.3344	-50.0394	-0.0002	24.0842	21.9772
0.6165	0.0084	45.321	-49.0461	-0.0003	23.8978	21.8885
0.6373	0.0084	43.831	-49.5427	-0.0003	23.8978	21.9328
0.6509	0.0092	41.8444	-51.0327	-0.0003	23.8978	22.0215
0.6556	0.0093	39.8577	-53.0194	-0.0001	23.991	22.0215
0.654	0.0103	37.3743	-54.0127	-0.0003	24.3637	22.2431
0.6489	0.0109	35.3877	-56.4961	-0.0002	24.5035	22.3317
0.6417	0.0113	33.8977	-56.4961	-0.0003	24.8762	22.5977
0.6382	0.0127	32.4076	-56.4961	-0.0001	25.1558	22.908
0.6334	0.0131	32.4076	-56.9928	-0.0002	25.7149	22.9966
0.6286	0.0138	31.911	-56.4961	-0.0002	25.9944	23.3069
0.6262	0.0143	31.911	-56.9928	-0.0001	26.3672	23.5728
0.623	0.0146	31.911	-56.4961	-0.0003	26.6933	23.8388
0.6212	0.0149	31.911	-58.9794	0	26.9729	24.1934
0.6184	0.0151	31.911	-56.9928	-0.0001	27.2058	24.4593
0.6164	0.0152	31.911	-57.4894	0	27.3456	24.7253
0.6164	0.0157	32.9043	-58.9794	-0.0001	27.532	24.9912
0.6173	0.0154	32.4076	-57.9861	-0.0002	27.7649	25.1685
0.6171	0.0163	33.401	-57.9861	0	27.7649	25.4344
0.6179	0.0161	33.401	-57.4894	-0.0001	27.8115	25.6561
0.6184	0.0161	33.8977	-57.9861	-0.0001	27.8115	25.8777
0.6186	0.0159	33.401	-60.4694	0.0001	27.7183	26.1879
0.6181	0.0162	34.3943	-59.4761	0.0002	27.7649	26.4539
0.6181	0.0158	33.401	-60.4694	0	27.8115	26.7642
0.6174	0.0161	33.8977	-59.4761	0	27.8581	26.9415
0.6167	0.0159	33.8977	-59.4761	0.0002	27.9047	27.2074
0.6147	0.0167	33.8977	-59.4761	0.0005	27.8581	27.3404
0.6148	0.0164	34.3943	-60.4694	0.0004	27.9047	27.6063
0.6134	0.0169	33.8977	-58.9794	0.0005	27.9979	27.7836
0.6123	0.0171	33.8977	-60.9661	0.0004	27.9047	27.9166
0.6118	0.0167	33.401	-59.9728	0.0007	27.9047	28.0496
0.6109	0.0166	33.401	-60.4694	0.0007	27.9513	28.1825
0.6099	0.0168	32.9043	-60.4694	0.0006	27.9979	28.3155
0.6097	0.0166	33.8977	-59.9728	0.0008	27.8581	28.4485

0.6087	0.0173	33.8977	-60.4694	0.0007	27.9979	28.6258
0.6081	0.0173	33.8977	-60.4694	0.0007	28.0445	28.7144
0.6083	0.0174	34.3943	-61.4628	0.0007	27.9979	28.8031
0.6086	0.0169	34.3943	-61.4628	0.0008	27.9979	29.069
0.6088	0.017	33.401	-59.4761	0.0009	28.0445	29.1133
0.6094	0.0169	34.3943	-59.9728	0.0008	27.9979	29.1577
0.6104	0.017	33.8977	-59.9728	0.0008	27.9979	29.202
0.6106	0.017	34.3943	-59.9728	0.0007	28.1377	29.2906
0.6107	0.0173	33.8977	-60.4694	0.0007	27.9979	29.335
0.6112	0.0171	33.8977	-59.4761	0.0006	27.9979	29.5123
0.6118	0.0172	34.891	-59.4761	0.0009	27.9979	29.5566
0.6127	0.0172	34.3943	-60.4694	0.0009	27.9513	29.5566
0.6138	0.0172	34.3943	-60.4694	0.0008	27.9513	29.7339
0.614	0.0167	33.8977	-59.4761	0.0008	27.9047	29.7782
0.614	0.0169	34.3943	-59.9728	0.0008	27.9513	29.8225
0.6158	0.0166	34.891	-60.9661	0.0008	27.9047	29.8225
0.6163	0.0171	34.3943	-59.9728	0.0006	28.0445	29.9112
0.6168	0.0171	34.891	-59.4761	0.0005	27.9979	29.9998
0.6197	0.0159	34.891	-59.4761	0.0008	27.9047	29.9998
0.6204	0.0166	34.891	-59.4761	0.0007	27.9047	30.0442
0.6219	0.0169	34.3943	-60.4694	0.0007	27.8581	30.1771
0.6239	0.0169	34.3943	-60.9661	0.0006	27.9513	30.1328
0.6256	0.0166	34.891	-59.9728	0.0005	27.9047	30.2658
0.6264	0.017	34.891	-60.4694	0.0006	27.9047	30.3101
0.6282	0.0167	34.891	-59.9728	0.0007	28.0445	30.3544
0.6302	0.0165	34.891	-60.4694	0.0006	28.2308	30.576
0.6313	0.017	34.3943	-59.9728	0.0003	28.2774	30.6647
0.6329	0.017	35.3877	-59.9728	0.0006	28.4638	30.8863
0.6348	0.0171	34.891	-59.4761	0.0005	28.4638	30.9306
0.6363	0.017	35.3877	-58.9794	0.0005	28.5104	30.9306
0.6391	0.0165	34.891	-58.9794	0.0005	28.5104	31.0636
0.6405	0.0168	35.3877	-58.9794	0.0006	28.557	31.1079
0.6423	0.0165	35.8843	-60.9661	0.0006	28.5104	31.1966
0.6437	0.0168	35.8843	-58.9794	0.0007	28.5104	31.4182
0.6452	0.0167	35.8843	-59.9728	0.0005	28.5104	31.2852
0.6474	0.0162	35.8843	-59.9728	0.0005	28.4172	31.3296
0.6487	0.0161	35.3877	-59.4761	0.0007	28.4172	31.3296
0.6501	0.0164	34.891	-60.9661	0.0005	28.324	31.4625

0.6525	0.0159	35.8843	-59.4761	0.0007	28.2774	31.5069
0.6526	0.0167	35.8843	-60.4694	0.0007	28.324	31.4182
0.6551	0.016	35.8843	-59.9728	0.0004	28.324	31.6398
0.6554	0.0169	36.8777	-60.9661	0.0007	28.324	31.5512
0.6565	0.0171	36.8777	-59.4761	0.0005	28.2774	31.6398
0.6587	0.016	35.8843	-60.4694	0	28.1843	31.6398
0.6602	0.0162	36.8777	-59.9728	0.0004	28.1843	31.7285
0.661	0.0163	36.8777	-60.9661	0.0007	28.1377	31.6841
0.6607	0.017	36.381	-60.9661	0.0006	28.1377	31.6841
0.6617	0.0165	36.381	-60.4694	0.0003	28.0445	31.7728
0.6613	0.0164	36.381	-59.4761	0.0004	28.0445	31.7728
0.6617	0.0165	36.381	-60.4694	0.0006	27.9979	31.7285
0.6634	0.016	36.381	-60.9661	0.0004	28.0445	31.7728
0.6643	0.016	35.8843	-59.9728	0.0005	28.0445	31.8171
0.665	0.0162	36.381	-60.9661	0.0004	27.9513	31.8614
0.666	0.0169	36.8777	-61.9594	0.0007	27.9979	31.9058
0.6675	0.0165	37.3743	-59.9728	0.0004	27.9047	31.9501
0.6685	0.017	36.8777	-59.4761	0.0006	27.9513	31.9501
0.6703	0.016	37.3743	-60.9661	0.0006	27.9513	32.0831
0.6709	0.0163	37.871	-60.4694	0.0006	27.9513	32.0831
0.671	0.017	36.8777	-60.9661	0.0006	27.9513	32.0387
0.6734	0.0162	36.8777	-59.9728	0.0006	27.9513	32.1274
0.6742	0.0167	36.8777	-59.9728	0.0005	27.8115	32.216
0.6751	0.0162	36.8777	-59.9728	0.0006	27.9047	32.216
0.6763	0.016	36.8777	-61.4628	0.0004	27.8581	32.1274
0.6769	0.0162	36.8777	-60.4694	0.0005	27.8581	32.3933
0.6768	0.0162	36.381	-61.4628	0.0004	27.8115	32.3047
0.6774	0.0163	36.8777	-60.4694	0.0005	27.8581	32.3047
0.6778	0.0164	36.8777	-61.9594	0.0005	27.9047	32.4377
0.6788	0.0164	37.3743	-61.9594	0.0006	27.9047	32.3933
0.6793	0.0164	37.3743	-62.4561	0.0003	27.7649	32.349
0.6803	0.0166	36.381	-60.9661	0.0004	27.8581	32.5263
0.6815	0.016	36.8777	-60.4694	0.0002	27.9513	32.5263
0.6813	0.0167	36.381	-61.9594	0.0005	27.9047	32.5263
0.6825	0.0164	36.381	-60.4694	0.0005	27.9979	32.5706
0.6826	0.0166	36.381	-63.9461	0.0004	27.9513	32.6593
0.6844	0.0158	36.381	-61.9594	0.0004	27.9513	32.615
0.6837	0.0165	36.381	-60.9661	0.0005	27.9979	32.7036

0.6845	0.0168	36.8777	-61.9594	0.0006	28.0911	32.7036
0.6855	0.0163	36.381	-60.9661	0.0004	28.1377	32.9252
0.6858	0.0164	36.381	-60.4694	0.0005	27.9979	32.8366
0.686	0.0165	36.381	-61.9594	0.0002	28.0445	32.7923
0.6822	0.016	36.8777	-60.4694	0.0003	27.9979	32.9695
0.6824	0.0166	36.8777	-60.4694	0.0003	28.0445	32.9252
0.6825	0.0167	36.381	-62.4561	0.0005	27.9513	32.8809
0.6829	0.0165	35.8843	-61.4628	0.0001	27.9979	33.0139
0.6845	0.0157	35.8843	-61.4628	0.0004	28.0445	33.0139
0.6843	0.0167	36.381	-60.9661	0.0005	28.1377	33.1025
0.6849	0.0166	36.381	-61.9594	0.0005	28.0911	33.0582
0.6843	0.0166	35.8843	-61.9594	0.0003	28.0911	33.1025
0.6853	0.0162	36.381	-61.4628	0.0002	28.0911	33.2355
0.685	0.0167	35.8843	-61.4628	0.0003	28.0911	33.3685
0.6855	0.016	35.8843	-61.4628	0.0004	28.1377	33.1912
0.6845	0.0172	35.8843	-61.9594	0.0004	28.1377	33.2798
0.686	0.0163	35.8843	-61.4628	0.0002	28.1843	33.3241
0.686	0.0166	36.381	-61.9594	0.0003	28.1843	33.3241
0.6861	0.0164	35.8843	-61.4628	0.0002	28.1843	33.4128
0.6859	0.0171	35.8843	-61.9594	0.0004	28.1843	33.4571
0.6867	0.0166	36.381	-61.9594	0.0003	28.2774	33.5014
0.6874	0.0167	35.8843	-61.4628	0.0004	28.2774	33.5458
0.6878	0.0165	35.8843	-60.9661	0.0003	28.2774	33.6787
0.6869	0.0171	36.381	-61.4628	0.0001	28.324	33.5901
0.6871	0.0169	35.8843	-62.4561	0.0002	28.3706	33.7231
0.6873	0.0168	36.381	-62.9528	0.0003	28.324	33.7674
0.6882	0.0165	35.3877	-63.4495	0.0003	28.4172	33.7674
0.6878	0.0168	36.381	-62.4561	0.0002	28.324	33.9447
0.6884	0.0166	35.8843	-61.9594	0.0004	28.4172	33.8117
0.689	0.0167	35.8843	-61.4628	0.0003	28.3706	33.989
0.6885	0.0166	35.8843	-61.9594	0.0001	28.324	34.122
0.6887	0.0167	36.381	-62.4561	0.0003	28.4172	34.0333
0.6892	0.0166	35.8843	-62.4561	0.0004	28.2774	33.989
0.6902	0.0163	35.8843	-61.9594	0.0001	28.4638	34.1663
0.6896	0.017	36.381	-62.4561	0.0003	28.5104	34.255
0.69	0.017	36.8777	-61.9594	0.0001	28.4172	34.3879
0.6908	0.0166	35.8843	-61.9594	0.0004	28.4638	34.2106
0.6901	0.0174	36.381	-63.9461	0.0002	28.4638	34.3879

0.6903	0.017	36.8777	-61.9594	0.0003	28.5104	34.4322
0.6911	0.0166	36.381	-62.4561	0.0002	28.6502	34.2993
0.6909	0.0171	35.8843	-62.9528	0.0004	28.6036	34.3436
0.691	0.0168	36.381	-63.9461	0.0002	28.5104	34.5652
0.692	0.0164	36.381	-62.9528	0.0002	28.6036	34.4766
0.6919	0.0169	36.381	-65.4361	0.0004	28.557	34.5209
0.6923	0.0167	36.381	-63.9461	0	28.6968	34.5209
0.6923	0.0169	36.8777	-62.4561	0.0004	28.6968	34.6539
0.6926	0.0169	36.381	-62.9528	0.0004	28.6502	34.6539
0.6925	0.017	35.8843	-62.9528	0.0002	28.6036	34.7425
0.6929	0.0167	36.381	-62.9528	0.0004	28.6502	34.6539
0.6926	0.0171	37.3743	-63.4495	0.0003	28.6036	34.7425
0.693	0.0168	36.381	-63.4495	0.0002	28.6502	34.7868
0.6934	0.0166	36.381	-62.4561	0.0002	28.6502	34.8755
0.6937	0.0166	36.381	-63.4495	0.0003	28.6502	34.9641
0.6931	0.0173	35.8843	-63.4495	0.0004	28.6968	34.9198
0.6936	0.0168	36.381	-62.4561	0.0001	28.6968	34.9641
0.6937	0.0173	36.8777	-65.4361	0.0002	28.7434	35.0528
0.6939	0.0169	36.8777	-63.9461	0.0003	28.7434	35.0528
0.694	0.017	36.381	-62.9528	0.0003	28.7899	35.1414
0.6939	0.0172	36.8777	-62.9528	0.0001	28.7899	35.0085
0.6939	0.0173	36.381	-63.9461	0.0002	28.7434	35.0971
0.694	0.0174	36.381	-64.4428	0.0003	28.8365	35.1414
0.6939	0.0175	36.381	-62.9528	0.0003	28.6968	35.2744
0.6937	0.0177	36.381	-63.9461	0.0003	28.7899	35.2301
0.6942	0.0173	36.381	-63.4495	0.0002	28.7899	35.3187
0.6947	0.0172	36.381	-64.4428	0.0003	28.8365	35.3187
0.6943	0.0175	36.381	-63.4495	0.0001	28.7899	35.2744
0.6949	0.0171	37.871	-64.4428	0.0003	28.8831	35.5404
0.6941	0.0179	36.8777	-63.9461	0.0002	28.9297	35.3631
0.6946	0.0173	37.3743	-63.9461	0.0004	28.8831	35.4074
0.6948	0.0176	36.8777	-63.9461	0.0003	28.9297	35.5404
0.695	0.0173	36.381	-63.9461	0.0004	28.9297	35.4517
0.6949	0.0175	36.8777	-63.9461	0.0004	28.9297	35.4517
0.6951	0.0174	36.8777	-63.4495	0.0003	29.0229	35.5404
0.6952	0.0172	37.3743	-63.9461	0.0002	28.9763	35.496
0.6954	0.0174	36.8777	-64.9395	0.0001	28.9297	35.4517
0.6949	0.0176	36.381	-64.4428	0.0003	28.9297	35.5404

0.6955	0.0172	36.8777	-63.9461	0.0001	28.8365	35.7176
0.6954	0.0175	36.381	-64.9395	0.0002	28.9763	35.629
0.6953	0.0173	35.3877	-64.9395	0.0003	29.0229	35.7176
0.695	0.0174	36.381	-64.9395	0.0003	29.0229	35.8506
0.6958	0.0172	36.8777	-63.4495	0.0001	29.0695	35.8949
0.6952	0.0179	36.381	-63.9461	0.0004	29.1161	35.9393
0.6953	0.0179	36.381	-63.4495	0.0001	29.0695	35.7176
0.6958	0.0179	35.8843	-64.4428	0.0002	29.1161	35.8949
0.6959	0.018	36.8777	-63.4495	0.0004	29.1161	35.8063
0.6965	0.0174	36.381	-62.9528	0.0002	29.1627	35.8949
0.6956	0.0179	36.381	-65.9328	-0.0002	29.1161	35.9836
0.6952	0.018	36.381	-63.9461	0.0001	29.1161	36.0279
0.6957	0.0179	35.8843	-65.4361	0.0002	29.1627	35.8063
0.6953	0.0182	36.381	-64.9395	0.0003	29.1627	36.1166
0.6952	0.0181	35.8843	-63.9461	0	29.2093	36.1609
0.6958	0.018	36.381	-64.9395	0.0003	29.2093	36.0279
0.6963	0.0175	36.381	-65.4361	0	29.1627	36.1166
0.6961	0.0178	36.381	-65.4361	0.0003	29.1627	36.1166
0.6963	0.018	35.8843	-64.4428	0	29.2559	36.0722
0.6966	0.018	36.381	-64.4428	0.0003	29.2559	36.2052
0.6967	0.0177	36.381	-63.4495	0.0003	29.349	36.2495
0.6962	0.0179	36.381	-63.9461	0.0003	29.349	36.2052
0.6963	0.0179	36.381	-63.4495	0.0002	29.3956	36.5155
0.6954	0.0187	36.381	-63.9461	0.0001	29.3025	36.2939
0.6964	0.0179	36.8777	-63.4495	-0.0001	29.3956	36.3825
0.6962	0.0178	35.8843	-63.9461	0.0002	29.349	36.3825
0.6958	0.0185	36.8777	-64.4428	0.0002	29.3956	36.5598
0.6964	0.0182	36.381	-64.4428	0.0003	29.3025	36.3382
0.6963	0.0184	36.381	-64.4428	0.0003	29.3956	36.4712
0.6965	0.0182	36.8777	-64.4428	0.0002	29.349	36.5598
0.6967	0.0179	37.3743	-64.9395	0.0003	29.3956	36.6928
0.6964	0.0182	36.381	-64.4428	0.0003	29.4422	36.7371
0.6967	0.0181	36.381	-63.9461	0.0002	29.4422	36.6041
0.6966	0.0182	36.381	-64.4428	0.0001	29.4422	36.6041
0.6963	0.0183	36.381	-64.4428	0.0003	29.3956	36.6485
0.6961	0.0185	36.8777	-65.4361	0.0001	29.4422	36.5598
0.6969	0.018	36.381	-64.9395	0.0003	29.4422	36.6928
0.6962	0.0188	36.8777	-65.4361	0.0004	29.6286	36.9144

0.6969	0.0183	36.381	-63.9461	-0.0004	29.5354	37.003
0.6963	0.0186	36.381	-64.4428	0.0004	29.582	36.9587
0.6978	0.0177	36.8777	-63.9461	0.0002	29.582	36.9144
0.6972	0.0181	36.8777	-63.4495	-0.0002	29.5354	37.0474
0.6972	0.0186	36.8777	-63.9461	0.0001	29.6752	37.003
0.6966	0.0189	36.8777	-65.9328	0.0003	29.582	37.0917
0.6968	0.0185	36.381	-63.4495	0.0001	29.5354	37.136
0.6965	0.0185	35.8843	-65.4361	0.0003	29.582	37.0917
0.6967	0.0184	35.8843	-64.9395	0.0003	29.6286	37.0917
0.6964	0.0188	36.381	-64.4428	0.0001	29.6752	37.1803
0.6971	0.018	35.8843	-64.9395	0.0002	29.6286	37.003
0.6972	0.0181	36.381	-63.9461	0.0001	29.7218	37.1803
0.6962	0.0188	36.8777	-65.9328	0.0001	29.6286	37.1803
0.6959	0.0193	37.3743	-64.9395	0.0002	29.7218	37.2247
0.6963	0.0191	37.3743	-64.4428	0.0002	29.7218	37.2247
0.6964	0.0189	37.3743	-64.4428	0.0002	29.815	37.3133
0.6965	0.0186	36.8777	-64.9395	0.0004	29.7684	37.4463
0.6965	0.0184	36.8777	-65.9328	0.0003	29.7218	37.2247
0.697	0.0188	36.8777	-64.4428	0.0003	29.6752	37.3133
0.6971	0.0181	37.3743	-66.4295	0	29.6286	37.1803
0.6969	0.0183	36.381	-65.9328	0	29.7684	37.269
0.6971	0.0182	36.8777	-64.9395	0.0003	29.7218	37.3133
0.6965	0.0187	36.8777	-65.4361	0.0002	29.7218	37.4906
0.697	0.0183	36.8777	-65.4361	0.0002	29.6752	37.3133
0.6963	0.0189	36.8777	-66.4295	0.0002	29.815	37.3576
0.696	0.0192	36.8777	-66.4295	0.0002	29.7684	37.269
0.6968	0.0185	36.381	-65.4361	0.0001	29.7218	37.3133
0.6969	0.0182	36.8777	-64.4428	0.0002	29.815	37.5349
0.696	0.019	36.8777	-65.4361	0.0003	29.8616	37.5349
0.6961	0.0187	36.8777	-66.4295	0.0003	29.815	37.4463
0.6955	0.0191	36.8777	-64.9395	0.0003	29.7684	37.5349
0.6955	0.019	36.8777	-66.9261	0.0001	29.815	37.5793
0.6959	0.0187	36.8777	-65.4361	0.0003	29.7684	37.4463
0.6961	0.0185	36.8777	-64.9395	0.0002	29.815	37.7566
0.695	0.0193	36.8777	-66.9261	0.0003	29.815	37.4906
0.6953	0.0191	36.8777	-65.4361	-0.0001	29.815	37.7122
0.6956	0.0188	36.8777	-64.4428	0.0003	29.7684	37.6236
0.6952	0.0192	36.8777	-64.9395	0.0002	29.8616	37.6236

0.695	0.0193	36.8777	-64.4428	0	29.9081	37.5793
0.6948	0.0194	37.3743	-63.9461	0.0005	29.8616	37.9782
0.6951	0.019	37.3743	-64.9395	0.0003	29.9081	37.8895
0.6946	0.019	36.8777	-64.9395	0.0003	29.8616	37.8452
0.6944	0.0192	37.871	-65.4361	0.0002	29.8616	37.8895
0.6938	0.0193	36.8777	-65.4361	0.0001	29.8616	37.6679
0.6934	0.0192	36.8777	-65.4361	0.0003	29.8616	37.7566
0.6935	0.0192	36.8777	-65.9328	0.0003	29.8616	37.9339
0.6929	0.0195	36.8777	-66.9261	0.0001	29.8616	37.9339
0.6931	0.0189	36.8777	-65.4361	0.0002	29.9081	37.8009
0.6929	0.019	35.8843	-64.9395	0.0002	29.7684	37.9339
0.6926	0.0193	37.3743	-65.4361	0	29.8616	38.1112
0.6929	0.0189	36.381	-65.4361	0.0002	29.7684	38.1555
0.6925	0.0192	36.381	-65.9328	0.0002	29.815	38.2441
0.6926	0.0191	36.8777	-64.4428	0.0002	29.8616	38.0668
0.6922	0.0193	37.3743	-65.9328	0.0002	29.8616	38.0225
0.6919	0.0193	36.8777	-64.4428	0.0003	29.7684	38.0668
0.6918	0.0192	36.8777	-65.4361	0.0002	29.9547	38.2885
0.692	0.0194	36.8777	-65.4361	0.0005	30.0479	38.2885
0.691	0.0201	37.3743	-65.9328	0.0003	30.0479	38.2885
0.6915	0.0192	36.8777	-66.4295	0.0003	29.9081	38.2441
0.6914	0.0194	36.8777	-66.9261	0.0001	29.9081	38.1112
0.6905	0.0196	37.3743	-65.4361	0.0003	29.9547	38.4214
0.6907	0.0194	36.8777	-66.4295	0.0001	29.9547	38.3328
0.6905	0.0195	37.3743	-67.9195	0.0002	30.0479	38.2441
0.6905	0.0192	36.8777	-66.4295	0.0002	29.9081	38.1555
0.6894	0.0202	37.3743	-66.9261	-0.0002	29.9547	38.3771
0.6901	0.0199	36.8777	-66.4295	0.0004	30.0013	38.5544
0.6901	0.0196	36.8777	-65.9328	0.0003	30.0013	38.4657
0.6897	0.0199	36.8777	-65.9328	0.0001	30.0479	38.4214
0.6893	0.0197	37.871	-64.9395	0.0004	30.0945	38.4657
0.6901	0.0194	36.8777	-66.4295	0.0003	30.1411	38.5101
0.6893	0.0197	36.381	-66.9261	0.0005	30.1411	38.4214
0.6886	0.0205	37.3743	-65.9328	0.0005	30.1877	38.643
0.6893	0.0195	36.8777	-65.4361	0.0004	30.2343	38.5544
0.6881	0.0203	37.3743	-66.4295	0.0003	30.2343	38.5101
0.6888	0.0197	37.3743	-65.9328	0.0003	30.1877	38.5987
0.6875	0.0204	37.3743	-64.9395	0.0001	30.2343	38.5987

0.6882	0.0199	36.8777	-64.9395	0.0003	30.2809	38.5544
0.6876	0.0201	37.3743	-67.9195	0	30.3275	38.7317
0.6877	0.0196	36.8777	-66.4295	0.0002	30.3275	38.6874
0.6876	0.0193	36.381	-65.4361	-0.0001	30.3741	38.776
0.6868	0.0198	36.381	-66.4295	0.0001	30.3275	38.8647
0.6867	0.0195	36.8777	-65.9328	0.0002	30.4672	38.9533
0.6864	0.0198	36.381	-67.9195	0.0001	30.4207	38.9533
0.6862	0.0195	37.3743	-67.4228	0.0002	30.3741	38.8203
0.6859	0.0195	36.8777	-67.9195	0.0004	30.5604	38.776
0.6855	0.0198	35.8843	-65.4361	0.0001	30.5604	38.9533
0.685	0.0201	36.8777	-65.4361	0	30.6536	38.909
0.685	0.0197	36.381	-65.9328	0.0003	30.6536	38.9976
0.6842	0.0201	37.3743	-67.4228	0.0004	30.607	39.1749
0.6844	0.0198	36.381	-66.9261	0.0002	30.7002	39.042
0.6836	0.0202	36.8777	-65.4361	0.0003	30.7002	38.9976
0.6837	0.0201	37.3743	-65.4361	0.0003	30.7002	39.1306
0.6831	0.0204	35.8843	-65.9328	0.0002	30.7002	39.2193
0.6836	0.0201	36.381	-67.4228	0.0001	30.7002	39.1749
0.6841	0.0195	36.8777	-65.9328	0.0003	30.7934	39.2193
0.6827	0.0204	36.8777	-66.4295	0.0003	30.7934	39.2636
0.6826	0.0201	36.8777	-66.4295	0.0003	30.7934	39.0863
0.6826	0.0199	36.8777	-67.9195	0.0003	30.7934	39.042
0.6819	0.0201	36.381	-65.9328	0.0001	30.7934	39.4409
0.6809	0.0208	36.8777	-66.9261	0.0001	30.7934	39.4409
0.6816	0.0203	36.381	-66.4295	0.0003	30.9332	39.4409
0.6817	0.0196	36.8777	-66.9261	-0.0001	30.9332	39.3966
0.6806	0.0203	38.8643	-66.4295	0.0001	30.8866	39.3522
0.6803	0.0205	36.8777	-67.4228	0.0002	30.8866	39.5295
0.6796	0.0208	36.8777	-67.4228	0.0003	31.0263	39.5739
0.6796	0.0207	36.8777	-66.9261	0.0003	31.0263	39.4852
0.6792	0.0205	36.8777	-67.4228	0.0002	30.9798	39.5739
0.6793	0.0203	36.8777	-67.4228	0.0002	31.0263	39.7068
0.6786	0.0205	36.381	-66.9261	0.0003	31.0263	39.5739
0.6791	0.0203	36.381	-66.4295	0.0002	31.0729	39.4852
0.6784	0.0206	36.8777	-67.9195	0.0002	31.1195	39.7068
0.6778	0.0208	36.381	-67.4228	0.0001	31.0729	39.6625
0.6781	0.0205	36.8777	-67.4228	0.0003	31.1195	39.8841
0.6773	0.021	36.381	-65.9328	0.0001	31.1195	39.7955

0.6776	0.0204	36.8777	-65.9328	0.0003	31.2127	39.7068
0.6767	0.0207	37.3743	-66.9261	0.0002	31.2593	39.8841
0.6772	0.02	37.3743	-66.9261	0.0004	31.1195	39.8398
0.6756	0.021	36.8777	-67.4228	0.0003	31.1661	39.9284
0.6756	0.0206	37.3743	-67.4228	0.0002	31.1195	39.9284
0.6753	0.0208	37.3743	-66.9261	0.0002	31.1661	40.0171
0.6751	0.0204	37.871	-66.9261	0.0003	31.3525	39.7955
0.6746	0.0205	36.8777	-67.4228	0.0001	31.2593	40.0614
0.674	0.0206	37.3743	-66.9261	0.0003	31.1661	39.9284
0.6738	0.0205	37.3743	-66.9261	0.0003	31.3059	40.0171
0.6725	0.0212	37.3743	-66.4295	0.0004	31.2593	40.1057
0.6722	0.0211	36.8777	-66.9261	0.0003	31.3059	40.0614
0.672	0.0207	36.381	-65.9328	0.0002	31.2593	40.0171
0.6714	0.021	36.8777	-67.4228	0.0002	31.2593	40.0614
0.6718	0.02	36.381	-66.9261	0.0003	31.3525	40.1057
0.67	0.0208	36.8777	-67.4228	0.0002	31.3059	40.1057
0.6701	0.0205	36.381	-67.4228	0.0002	31.3059	40.1057
0.6696	0.0205	36.381	-68.9128	0.0002	31.3991	40.1501
0.6686	0.0213	36.8777	-67.9195	0.0002	31.4457	40.1057
0.6678	0.0214	36.381	-68.4161	0.0002	31.3525	40.0614
0.6682	0.0206	36.8777	-69.4095	0.0001	31.3991	40.3274
0.6676	0.0209	36.381	-68.9128	0.0003	31.4923	40.4603
0.6674	0.021	37.3743	-68.4161	0.0003	31.5389	40.4603
0.6673	0.0209	37.871	-67.4228	0.0004	31.4923	40.3717
0.6665	0.0215	36.8777	-67.4228	0.0005	31.5389	40.3274
0.6665	0.0207	36.8777	-68.4161	0.0003	31.5854	40.549
0.6657	0.0211	36.8777	-68.4161	0.0003	31.6786	40.5933
0.6654	0.0209	36.8777	-67.4228	0.0003	31.5389	40.549
0.6644	0.0214	37.871	-66.9261	0.0002	31.5854	40.5047
0.6637	0.0213	37.3743	-68.9128	0.0003	31.6786	40.5047
0.664	0.0206	36.381	-68.9128	0.0002	31.6786	40.549
0.6629	0.021	36.381	-68.4161	0.0003	31.7252	40.416
0.6625	0.0212	36.381	-68.4161	0.0005	31.7252	40.5933
0.662	0.0216	36.8777	-67.9195	0.0003	31.7252	40.7263
0.6615	0.0214	38.3677	-69.4095	0.0005	31.7718	40.682
0.6622	0.0201	36.8777	-68.4161	0.0001	31.8184	40.7263
0.6599	0.0219	36.8777	-68.4161	0.0003	31.7252	40.5047
0.6597	0.0215	36.381	-66.9261	0.0003	31.8184	40.8149

0.6598	0.0212	36.8777	-68.4161	0.0002	31.9116	40.549
0.6597	0.021	36.8777	-67.4228	0.0003	32.0048	40.9922
0.6595	0.0214	37.3743	-67.4228	0.0003	32.0048	40.7263
0.659	0.0211	37.871	-69.4095	0.0004	31.9116	40.9922
0.6573	0.0218	37.3743	-67.9195	0.0002	31.9582	40.9036
0.657	0.0214	36.8777	-66.9261	0.0001	31.9116	40.8149
0.6568	0.021	36.8777	-67.4228	0.0004	32.0514	40.9036
0.6602	0.0215	37.3743	-66.4295	0.0004	32.1445	41.0809
0.6593	0.0218	36.8777	-66.9261	0.0005	32.1445	41.0365
0.6589	0.0213	37.3743	-67.9195	0.0004	32.1911	41.1252
0.6536	0.0215	36.8777	-67.9195	-0.0007	32.1911	41.1252
0.6536	0.0212	36.8777	-67.9195	0.0003	32.1911	41.1695
0.6531	0.0214	36.8777	-66.9261	0.0002	32.1911	40.9922
0.6526	0.0213	36.8777	-66.9261	0.0004	32.2843	41.2582
0.6514	0.0222	36.8777	-68.9128	0.0002	32.3309	41.3468
0.6521	0.0212	36.8777	-67.4228	0.0002	32.3775	41.3025
0.6504	0.0222	36.8777	-66.9261	0.0002	32.4241	41.3468
0.6504	0.0217	36.381	-67.4228	0.0002	32.4707	41.4355
0.6506	0.0211	36.381	-67.4228	0.0006	32.4707	41.5241
0.6491	0.0218	36.8777	-67.9195	0.0005	32.5173	41.4798
0.6485	0.0217	35.8843	-67.4228	0.0005	32.6105	41.5684
0.6474	0.0221	37.3743	-67.4228	0.0004	32.6571	41.3025
0.6477	0.0214	36.8777	-67.4228	0.0003	32.6105	41.5684
0.6466	0.0219	36.8777	-67.4228	0.0003	32.7036	41.5684
0.6461	0.0216	36.8777	-67.9195	0.0003	32.7036	41.6128
0.6456	0.0214	36.8777	-67.4228	0.0003	32.7968	41.7014
0.6455	0.0213	36.8777	-68.9128	0.0002	32.7502	41.6128
0.6438	0.0219	36.381	-68.9128	0.0005	32.7968	41.7014
0.6433	0.022	35.8843	-68.4161	0.0005	32.7968	41.8344
0.6417	0.0224	36.381	-67.4228	0.0005	32.7502	41.6571
0.6425	0.0212	36.8777	-68.4161	0.0003	32.9832	41.7457
0.6414	0.0215	36.381	-67.9195	0.0002	32.9366	41.7014
0.6402	0.0223	36.381	-68.4161	0.0003	32.9366	41.7901
0.6406	0.0216	36.381	-67.4228	0.0003	32.9366	41.7901
0.6405	0.0211	36.381	-68.4161	-0.0005	32.89	42.056
0.6397	0.0216	36.381	-68.4161	0.0006	33.0764	41.8344
0.6384	0.0219	36.8777	-68.4161	-0.0003	33.0298	41.8787
0.6375	0.0221	36.8777	-67.4228	0.0004	33.0298	42.1003

0.637	0.0218	36.8777	-67.4228	0.0002	33.0764	41.923
0.637	0.0213	36.381	-68.9128	0.0001	33.123	42.189
0.6356	0.0218	36.381	-69.9062	0.0005	33.1696	42.1447
0.6346	0.0216	35.8843	-67.9195	0.0003	33.2162	42.1447
0.6348	0.021	36.381	-69.9062	0.0003	33.2627	42.056
0.6335	0.0213	36.381	-68.4161	0.0004	33.2162	42.056
0.6311	0.0226	36.381	-69.4095	0.0005	33.2627	42.0117
0.6326	0.0213	36.381	-69.4095	0.0003	33.2162	42.189
0.631	0.0211	36.381	-68.9128	0.0005	33.3093	42.322
0.6303	0.0215	35.8843	-67.4228	0.0005	33.3093	42.189
0.629	0.0218	36.381	-68.9128	0.0003	33.3559	42.5436
0.6277	0.0223	35.8843	-68.9128	0.0003	33.4491	42.4549
0.6274	0.0218	36.8777	-68.9128	0.0005	33.4491	42.2776
0.6272	0.0216	35.8843	-68.9128	0.0003	33.5423	42.3663
0.6252	0.022	35.8843	-69.9062	0.0004	33.5423	42.6322
0.6246	0.0219	35.8843	-68.4161	0.0002	33.4957	42.6322
0.6242	0.0219	35.8843	-69.4095	0.0002	33.6355	42.5436
0.6242	0.0212	36.381	-69.9062	0.0004	33.6821	42.6322
0.6229	0.0217	36.381	-70.4028	0.0005	33.6821	42.8538
0.6216	0.0219	36.381	-68.9128	0.0006	33.6821	42.6765
0.6212	0.0218	36.381	-68.9128	0.0005	33.7753	42.8538
0.62	0.0224	36.8777	-69.4095	0.0006	33.8218	42.7652
0.6198	0.0224	36.381	-69.9062	0.0005	33.915	42.7652
0.6191	0.0219	36.381	-71.3962	0.0003	33.8684	42.8538
0.6191	0.0214	36.8777	-69.4095	0.0006	33.9616	42.9425
0.6183	0.0215	36.381	-68.9128	0.0004	34.0082	42.8982
0.6159	0.0225	36.381	-68.9128	0.0006	34.148	42.9868
0.6153	0.0223	36.8777	-70.8995	0.0004	34.1946	43.0311
0.6152	0.0214	36.381	-69.9062	0.0005	34.1946	43.1641
0.6137	0.0218	36.381	-70.4028	0.0003	34.3344	43.2528
0.6127	0.0216	35.8843	-70.4028	0.0005	34.4275	43.2971
0.6115	0.022	36.381	-69.9062	0.0005	34.3809	43.3414
0.6103	0.0217	35.8843	-68.9128	0.0004	34.5207	43.4744
0.6087	0.0225	36.381	-70.4028	0.0006	34.4741	43.2084
0.6087	0.0217	36.8777	-69.4095	0.0004	34.5207	43.3857
0.6083	0.0212	35.8843	-69.9062	0.0003	34.5673	43.563
0.6062	0.0222	35.8843	-69.9062	0.0001	34.6139	43.4744
0.6053	0.0219	35.8843	-70.4028	0.0005	34.6139	43.4301

0.6037	0.0221	35.8843	-70.4028	0.0003	34.6139	43.4301
0.6041	0.0213	36.381	-70.8995	0.0002	34.6605	43.5187
0.6028	0.0215	37.871	-71.3962	0.0004	34.6139	43.4744
0.6017	0.0216	36.8777	-71.3962	0.0005	34.7071	43.563
0.6	0.0221	35.8843	-71.3962	0.0002	34.5673	43.3857
0.5993	0.0215	35.3877	-71.8928	0.0003	34.6605	43.4301
0.5971	0.0223	35.8843	-71.8928	0.0003	34.6605	43.4744
0.5967	0.0222	35.8843	-70.4028	0.0003	34.7537	43.563
0.5954	0.0219	35.3877	-71.3962	0.0005	34.7537	43.4301
0.5929	0.0224	35.8843	-71.3962	0.0004	34.8003	43.696
0.592	0.0224	36.381	-70.8995	0.0003	34.8003	43.7846
0.5923	0.0227	35.8843	-71.8928	0.0004	34.7537	43.0311
0.5887	0.0221	35.8843	-71.8928	0.0004	34.7071	43.6517
0.5868	0.0219	36.8777	-70.4028	0.0003	34.7071	43.6074
0.5845	0.0222	35.3877	-71.3962	0.0004	34.7071	43.7846
0.5835	0.0224	35.8843	-71.8928	0.0005	34.8935	43.6517
0.582	0.0217	35.8843	-70.8995	0.0002	34.7537	43.6517
0.5816	0.0217	35.8843	-71.3962	0.0004	34.8469	43.829
0.5806	0.0219	35.8843	-71.3962	0.0003	34.94	43.9176
0.5793	0.0214	35.3877	-71.3962	0.0001	34.9866	43.7846
0.5773	0.0225	35.8843	-70.8995	0.0004	35.173	44.0506
0.5766	0.0221	35.3877	-69.9062	0.0005	34.9866	43.7846
0.5756	0.0218	35.3877	-70.8995	0.0005	35.0798	44.1392
0.5737	0.0225	35.8843	-70.8995	0.0003	35.1264	43.6074
0.5731	0.0218	35.3877	-71.3962	0.0001	35.1264	44.1392
0.5713	0.0221	36.8777	-70.8995	0.0002	35.2196	43.9619
0.5709	0.0221	35.3877	-70.8995	0.0002	35.3128	44.1836
0.5694	0.0227	35.8843	-70.8995	0.0005	35.406	44.1392
0.5683	0.0224	35.3877	-70.8995	0.0004	35.4991	44.1392
0.567	0.0221	35.3877	-70.8995	0.0003	35.4991	44.1836
0.5648	0.0226	36.381	-70.4028	0.0001	35.4991	44.2279
0.5642	0.0221	34.891	-71.8928	0.0001	35.4991	44.2279
0.5624	0.0219	34.891	-72.3895	0.0004	35.6389	44.3165
0.5608	0.0222	35.3877	-70.4028	0.0003	35.6389	44.2722
0.5583	0.0225	35.3877	-70.8995	0.0004	35.6855	44.5382
0.5572	0.0223	35.3877	-71.8928	0.0003	35.6855	44.4052
0.5556	0.0223	35.3877	-72.8862	0.0002	35.8719	44.2722
0.5537	0.0225	35.3877	-71.8928	-0.0004	35.8253	44.5382

0.5527	0.0222	35.3877	-72.8862	0.0002	35.8719	44.5825
0.5511	0.0218	35.3877	-71.8928	0.0003	36.0117	44.6711
0.5489	0.0224	36.381	-71.8928	0.0003	35.9651	44.8041
0.5471	0.022	36.381	-71.8928	0.0003	35.9185	44.5825
0.5457	0.0218	35.8843	-71.8928	0.0003	36.0117	44.5382
0.5435	0.0224	35.8843	-71.8928	0.0004	35.9651	44.3165
0.5421	0.0215	35.8843	-70.8995	0.0002	36.0117	44.5382
0.5406	0.0217	35.3877	-72.3895	0.0003	36.1048	44.6268
0.5378	0.0225	36.381	-71.8928	0.0002	36.1514	44.6711
0.536	0.022	35.8843	-72.3895	0.0001	36.1514	44.4495
0.5347	0.0218	35.8843	-71.8928	0.0004	36.2446	44.8041
0.5326	0.0213	35.8843	-70.8995	0.0001	36.3844	44.5382
0.5304	0.0216	35.3877	-70.8995	0.0003	36.2446	44.6268
0.5278	0.0221	35.8843	-71.8928	0.0004	36.3378	44.4052
0.5266	0.0216	35.3877	-72.8862	0.0003	36.431	44.4938
0.524	0.0219	35.8843	-72.3895	0.0002	36.6173	45.1144
0.5224	0.0215	35.3877	-71.3962	0.0003	36.6173	45.07
0.5193	0.0222	35.3877	-71.8928	0.0001	36.4776	45.1144
0.5172	0.022	35.3877	-70.8995	0.0002	36.6639	45.203
0.5154	0.0217	36.381	-71.8928	0.0003	36.7571	45.336
0.5134	0.0211	35.8843	-71.8928	0.0002	36.6173	45.1587
0.5116	0.0205	35.8843	-71.8928	0.0001	36.6173	45.336
0.509	0.0208	34.891	-73.3828	0.0002	36.6173	45.07
0.5068	0.0211	35.3877	-73.3828	0.0003	36.6639	45.0257
0.5048	0.0206	34.891	-73.3828	0.0003	36.7571	45.1587
0.5021	0.0209	35.3877	-72.3895	0.0003	36.7105	45.2917
0.4993	0.0211	34.891	-72.3895	0	36.8503	45.3803
0.4967	0.0212	34.891	-72.3895	0.0003	36.9435	45.469
0.4941	0.0214	35.3877	-71.8928	0.0001	37.0367	45.1587
0.4924	0.0205	35.3877	-72.3895	0.0001	37.0367	45.3803
0.4897	0.0207	35.8843	-73.3828	0.0001	37.0833	45.5133
0.4867	0.021	35.3877	-72.8862	0.0003	36.9901	45.3803
0.484	0.0213	34.891	-72.3895	0.0001	37.1299	45.6019
0.482	0.0211	35.3877	-72.8862	0.0001	37.1764	45.8679
0.4796	0.0206	34.891	-72.8862	0.0002	37.223	45.6463
0.4764	0.0211	35.8843	-72.3895	0.0001	37.223	45.6019
0.4736	0.0208	35.3877	-72.3895	0.0002	37.2696	45.6463
0.4705	0.0211	36.8777	-72.3895	0	37.2696	45.5576

0.4673	0.0211	35.3877	-72.3895	0.0003	37.4094	45.6463
0.4649	0.0213	35.3877	-72.3895	0.0003	37.456	45.8236
0.4632	0.02	35.3877	-72.3895	0.0003	37.5026	45.6906
0.4596	0.0205	35.3877	-72.8862	0.0001	37.5958	46.1338
0.4561	0.021	35.3877	-72.3895	0.0002	37.7821	46.3111
0.4523	0.0217	35.3877	-71.8928	0.0001	37.8753	46.0452
0.45	0.0205	35.8843	-72.3895	0	37.7821	46.1782
0.4465	0.0211	35.8843	-72.3895	0.0003	37.8753	46.4441
0.4436	0.021	34.891	-72.8862	0.0003	37.8753	46.3555
0.4407	0.0207	35.3877	-72.3895	0	37.7821	46.1782
0.4366	0.0212	34.891	-72.8862	0	37.9219	46.2225
0.435	0.0198	35.8843	-72.8862	0.0002	37.8753	46.3111
0.4304	0.0209	36.381	-72.8862	0.0002	38.0151	46.3555
0.4267	0.0208	35.3877	-73.8795	0	38.1083	46.4441
0.4246	0.0199	33.8977	-74.8728	0	38.1083	46.4884
0.4213	0.0206	34.891	-72.8862	0.0001	38.2015	46.4441
0.4174	0.0209	35.3877	-72.8862	0	38.3412	46.4884
0.4145	0.0203	35.3877	-73.3828	0	38.4344	46.7987
0.4113	0.0206	35.8843	-72.3895	0.0002	38.3878	46.6657
0.4075	0.0208	36.8777	-73.8795	0.0001	38.5276	46.6214
0.4046	0.0206	36.381	-75.3695	0.0001	38.4344	46.6214
0.4008	0.0203	35.8843	-72.3895	0.0001	38.5276	46.71
0.397	0.0209	35.8843	-72.8862	0.0001	38.6674	46.6214
0.3938	0.0208	36.381	-73.8795	0	38.6674	46.7544
0.3904	0.0205	36.381	-73.3828	0.0003	38.6208	46.7544
0.3864	0.0207	35.8843	-72.8862	0.0003	38.6674	46.976
0.3828	0.0208	35.8843	-73.3828	0	38.8071	47.0646
0.3788	0.0207	35.8843	-73.8795	0.0001	38.7606	46.9317
0.3749	0.021	34.891	-72.3895	0.0002	38.8537	47.1533
0.3709	0.021	35.3877	-73.3828	0	38.9469	46.976
0.3681	0.0206	34.891	-73.8795	-0.0001	38.9003	46.9317
0.3639	0.0204	34.891	-73.3828	-0.0002	38.9469	46.8873
0.3594	0.021	35.3877	-74.3762	0	38.9469	47.0203
0.3556	0.0206	34.3943	-72.8862	0	38.9935	47.0646
0.3524	0.0207	34.891	-73.3828	0	38.9469	47.109
0.3483	0.0206	34.3943	-73.3828	0.0001	39.0401	47.0203
0.3442	0.0207	34.891	-72.8862	0	39.1333	47.2419
0.34	0.0206	35.8843	-74.8728	-0.0001	39.0401	47.1976

0.3354	0.0207	34.3943	-74.3762	0.0002	39.0401	47.4192
0.3312	0.0205	34.3943	-73.8795	0.0002	39.0401	47.2863
0.3272	0.0205	34.3943	-74.3762	-0.0001	39.1333	47.3749
0.3224	0.0213	34.891	-73.3828	0.0002	39.2731	47.3306
0.3184	0.0211	34.891	-75.3695	0.0002	39.3197	47.5965
0.3144	0.0205	34.891	-73.8795	-0.0001	39.3662	47.5522
0.3087	0.0214	35.3877	-73.3828	0.0001	39.3197	47.5079
0.3053	0.0206	33.8977	-74.3762	-0.0001	39.3197	47.7738
0.3006	0.0208	34.3943	-73.3828	0	39.4594	47.8625
0.2955	0.0213	34.3943	-73.8795	0.0002	39.506	47.5079
0.2919	0.0204	34.891	-73.8795	0	39.4594	47.4192
0.2862	0.021	35.8843	-74.3762	0.0001	39.4128	47.9068
0.2821	0.0208	33.8977	-75.3695	-0.0001	39.2731	47.6852
0.2776	0.0208	33.8977	-72.8862	0.0001	39.3197	47.8625
0.2728	0.0208	34.3943	-72.3895	-0.0001	39.3662	47.7295
0.2675	0.0212	34.891	-74.3762	0.0002	39.3662	47.8625
0.263	0.021	34.3943	-74.8728	-0.0002	39.4128	47.9511
0.2579	0.0209	33.8977	-75.3695	0.0001	39.3662	47.7295
0.2524	0.0214	33.8977	-75.3695	-0.0001	39.3662	48.1284
0.2476	0.0209	33.8977	-74.3762	-0.0002	39.3662	48.1284
0.2433	0.0209	34.891	-75.3695	-0.0002	39.506	48.2171
0.2379	0.0211	33.8977	-73.3828	0	39.4128	48.1727
0.2328	0.0212	33.8977	-73.3828	0	39.5992	48.2614
0.2279	0.0207	33.8977	-73.8795	0.0002	39.506	48.2614
0.223	0.0205	33.8977	-72.8862	0	39.506	48.35
0.2173	0.0206	33.401	-74.8728	0	39.5992	48.3944
0.2119	0.0209	33.8977	-73.3828	-0.0001	39.6458	48.5717
0.2073	0.0201	32.9043	-73.3828	0.0001	39.6458	48.483
0.2006	0.0207	33.401	-73.8795	-0.0001	39.6924	48.4387
0.1961	0.02	33.401	-72.8862	0.0001	39.6458	48.4387
0.1911	0.02	33.8977	-76.8595	0	39.7856	48.5717
0.1848	0.0206	34.3943	-76.3628	0	39.9254	48.4387
0.1794	0.0205	33.401	-74.3762	-0.0002	39.8788	48.6603
0.1742	0.0197	33.8977	-73.3828	-0.0001	39.9254	48.6603
0.1668	0.0209	33.8977	-75.8662	0.0002	40.0651	48.616
0.1627	0.0197	33.8977	-73.8795	0.0001	40.0651	48.8376
0.1568	0.02	33.8977	-73.8795	-0.0004	40.0651	48.9263
0.151	0.0197	33.401	-77.3562	-0.0001	40.1117	48.7046

0.1451	0.0204	33.8977	-72.8862	-0.0001	40.1583	48.9706
0.14	0.0192	34.3943	-72.3895	0.0001	40.2981	48.9263
0.1342	0.0193	34.3943	-73.8795	0.0001	40.1583	48.7046
0.1287	0.0193	34.3943	-73.3828	-0.0001	40.2515	48.8819
0.1222	0.0195	34.3943	-73.8795	0.0001	40.2515	49.0149
0.1175	0.0192	33.401	-73.8795	-0.0002	40.2981	48.9706
0.1116	0.0193	33.401	-72.8862	-0.0002	40.3447	49.0149
0.1058	0.019	34.3943	-72.8862	-0.0003	40.4379	49.0592
0.1002	0.0191	33.8977	-72.8862	0.0001	40.4379	48.9706
0.0947	0.0185	33.8977	-74.3762	0	40.3913	49.1479
0.088	0.0193	33.401	-73.8795	0	40.4844	48.9263
0.0825	0.0187	33.401	-72.8862	0.0001	40.531	49.3252
0.0764	0.0192	34.3943	-73.3828	0.0002	40.6242	49.3252
0.0717	0.0182	33.8977	-77.3562	0.0001	40.5776	49.2365
0.1319	0.0177	35.3877	-78.8462	0.0002	36.5242	28.6258

0.3105	0.0006	0.6208	-1.1672	0	17.2216	22.235
0.7545	0.0093	39.0299	-34.5875	-0.0002	20.9418	24.937
0.7226	0.0109	36.6569	-43.1964	-0.0002	24.7986	26.7494
0.7267	0.012	38.9747	-45.0175	0	25.7925	29.0887
0.7341	0.0127	39.2506	-45.8453	0.0003	26.0876	30.6154
0.7394	0.0133	39.0299	-46.1764	0.0005	26.1653	31.7531
0.7497	0.013	39.4162	-46.3972	0.0004	26.0721	32.6741
0.7643	0.0126	40.0784	-46.6179	0.0004	25.9013	33.4719
0.7798	0.0122	40.3544	-47.6112	0.0004	25.7252	34.0777
0.7932	0.012	40.1336	-48.4942	0.0002	25.5337	34.5012
0.8042	0.012	39.6369	-49.7635	0.0005	25.5026	34.8607
0.8129	0.0121	39.0299	-50.4257	0.0004	25.4405	35.2252
0.8199	0.0119	38.8092	-51.8053	0.0003	25.4871	35.6832
0.8258	0.0119	38.5884	-52.6331	0.0002	25.5078	36.1018
0.8305	0.012	38.9747	-52.7987	0.0001	25.513	36.5007
0.8344	0.0121	39.5266	-53.2953	0.0001	25.5078	36.7913
0.8382	0.0125	40.0232	-53.9576	0.0001	25.4302	37.0572
0.8422	0.0126	40.7406	-53.4609	0	25.2542	37.3576
0.8447	0.0129	40.6303	-53.6816	0	25.3059	37.6482
0.8472	0.013	40.7406	-53.9024	0.0001	25.4509	38.0176
0.8488	0.0133	40.851	-53.4609	0	25.5078	38.4067

0.8504	0.0134	40.6303	-54.399	0.0002	25.6114	38.7268
0.8515	0.0135	40.7406	-54.1231	0	25.6269	39.0321
0.8519	0.0137	40.3544	-54.8957	0.0001	25.6114	39.3178
0.852	0.0138	40.5199	-55.0613	0.0001	25.6321	39.5985
0.8517	0.0138	40.4647	-55.3924	0	25.6683	39.8053
0.8507	0.0141	40.5751	-55.5579	0.0002	25.7408	40.0663
0.8496	0.0143	40.4647	-56.2202	0.0002	25.8391	40.2978
0.8492	0.0145	40.5199	-56.165	0.0002	25.9064	40.4603
0.8491	0.0145	40.5751	-56.2753	0.0001	26.01	40.7411
0.8485	0.0149	40.2992	-56.4961	0.0002	26.1446	41.0415
0.8478	0.0151	40.3544	-56.5513	0	26.3154	41.332
0.8469	0.0153	40.4647	-56.4409	0.0002	26.4397	41.662
0.8457	0.0153	40.1888	-56.8272	0.0002	26.5432	41.9477
0.8443	0.0153	40.244	-57.5446	0.0001	26.714	42.2284
0.8425	0.0154	40.1336	-57.9309	0.0002	26.8745	42.4697
0.8407	0.0153	39.8577	-58.262	0.0001	27.1023	42.7997
0.8388	0.0155	39.7473	-58.7035	0.0002	27.356	43.105
0.8364	0.0156	40.0232	-58.0413	0.0002	27.6407	43.5089
0.8335	0.0159	39.8577	-58.8691	0.0001	27.8581	43.8142
0.8302	0.016	39.968	-59.2002	0.0001	28.1377	44.1245
0.8274	0.0162	39.5266	-59.0898	0.0002	28.4586	44.4791
0.8243	0.0163	39.5266	-59.6968	0.0002	28.8003	44.8041
0.8206	0.0164	39.0851	-59.8624	0.0001	29.1161	45.1784
0.8166	0.0165	38.4229	-60.1383	0.0001	29.5561	45.6266
0.8122	0.0164	38.2573	-60.3039	0.0002	30.0013	45.9073
0.8067	0.0165	37.871	-60.5798	0.0001	30.4776	46.2225
0.801	0.0166	37.5951	-61.242	0.0001	30.9694	46.5229
0.7938	0.0167	37.1536	-61.518	0.0002	31.5285	46.9218
0.7857	0.0164	36.5466	-62.3457	0.0001	32.0307	47.2912
0.7767	0.0165	35.9395	-63.1183	0.0001	32.626	47.6359
0.767	0.0164	35.2773	-63.615	0.0001	33.2265	48.0151
0.7572	0.0165	35.5532	-63.4495	0.0001	33.9513	48.5126
0.7452	0.0166	35.0014	-63.6702	0	34.6812	48.8672
0.7318	0.017	34.284	-63.3943	0.0001	35.582	49.2956
0.7171	0.0168	33.8425	-63.7254	0	36.3689	49.7093
0.7003	0.0168	33.6217	-63.6702	0.0002	37.0884	50.0738
0.6809	0.0167	32.8491	-64.1117	0	37.8339	50.4678
0.6589	0.0165	32.2421	-64.2772	0.0001	38.4862	50.8322

0.6336	0.0163	31.8558	-64.8291	-0.0001	39.1954	51.1966
0.606	0.0159	31.1384	-64.8291	0.0001	40.0289	51.4478
0.5743	0.0156	30.7521	-65.2706	0	40.8365	51.6793
0.5376	0.0158	30.6969	-65.1602	0	41.5612	52.0634
0.4948	0.0156	30.5865	-65.7121	0.0001	42.0841	52.2112
0.4453	0.0155	30.8073	-65.4913	0.0001	42.6743	52.5658
0.3867	0.0154	30.5865	-65.6569	0	43.2334	52.9844
0.3172	0.0156	30.9728	-65.9328	0	43.7407	53.3242
0.2335	0.0155	31.1936	-67.1469	0.0001	44.2739	53.5261
0.137	0.0161	30.421	-101.6378	0.0001	43.9892	52.8416
0.0552	0.0166	32.2421	-120.0145	0.0002	43.5854	51.0686

0.2102	0.0006	0.3725	-1.5645	0.0001	18.6054	21.6233
0.6595	0.0118	41.6236	-43.969	-0.0001	20.5588	22.1347
0.7052	0.0165	34.284	-48.6046	-0.0002	23.1265	23.6221
0.7012	0.0193	34.3943	-50.5913	0	24.3586	26.2717
0.6989	0.0202	35.7188	-52.5779	0.0004	24.7986	28.3992
0.6891	0.0212	36.1051	-53.5713	0.0008	25.192	29.6305
0.6848	0.0211	36.988	-53.1298	0.0008	25.1661	30.6007
0.6885	0.0213	38.754	-52.7987	0.0007	24.8348	31.3246
0.6978	0.0209	39.6369	-53.0194	0.0007	24.6743	31.9747
0.7079	0.0205	40.4647	-52.6331	0.0007	24.4983	32.5706
0.7162	0.0205	40.7406	-53.2402	0.0007	24.4569	33.1616
0.7225	0.0203	41.2925	-53.792	0.0005	24.5139	33.6098
0.7271	0.0201	41.2373	-54.6198	0.0005	24.5449	33.9496
0.7298	0.0203	41.6236	-55.1165	0.0004	24.6381	34.3879
0.7315	0.02	42.1203	-55.8339	0.0004	24.6899	34.6243
0.7324	0.0198	42.617	-56.4409	0.0004	24.8297	34.9986
0.7333	0.0198	43.1688	-56.8824	0.0003	24.9228	35.3237
0.7334	0.0204	43.1688	-56.9928	0.0002	24.985	35.5256
0.734	0.0206	42.9481	-57.3239	0.0003	25.1092	35.8457
0.7347	0.0207	42.8929	-56.9928	0.0002	25.3059	36.156
0.7348	0.021	43.0584	-57.7654	0.0001	25.4768	36.3776
0.7352	0.021	43.0584	-58.4276	0.0002	25.5803	36.5647
0.7354	0.0212	43.224	-58.8691	0.0003	25.6631	36.9095
0.7355	0.021	43.3344	-58.9794	0.0002	25.7977	37.1803
0.7349	0.0214	43.0033	-59.5313	0.0003	25.9375	37.4512
0.7342	0.0213	43.224	-59.8072	0.0002	26.0928	37.7073

0.7325	0.0217	43.0033	-60.4143	0.0002	26.1756	37.8748
0.7311	0.0215	42.8929	-61.1317	0.0003	26.4293	38.19
0.7291	0.022	42.7825	-61.1868	0.0002	26.5691	38.3377
0.727	0.0224	42.8377	-61.3524	0.0002	26.6726	38.5495
0.7252	0.0225	42.8377	-60.9109	0.0003	26.9522	38.7612
0.7233	0.0225	42.7825	-61.0213	0.0003	27.1178	39.1355
0.7205	0.023	42.341	-61.8491	0.0002	27.3715	39.3276
0.7183	0.0229	42.5066	-62.1802	0.0003	27.5837	39.6133
0.7158	0.0227	42.3962	-62.5665	0.0003	27.7597	39.8447
0.713	0.0226	42.9481	-63.1735	0.0002	27.9202	39.9925
0.7099	0.0227	42.7273	-63.9461	0.0002	28.1843	40.2584
0.706	0.0229	42.617	-64.3876	0.0001	28.4276	40.4751
0.7027	0.0227	42.9481	-65.1602	0.0001	28.5829	40.677
0.6988	0.0231	42.9481	-65.6017	0.0002	28.7848	40.874
0.6943	0.0236	43.1688	-65.8224	0.0002	29.0333	41.0365
0.6895	0.024	43.224	-66.7606	0.0003	29.1989	41.2335
0.6849	0.0239	43.1136	-67.2021	0.0002	29.4422	41.4502
0.6803	0.0236	43.1136	-67.9195	0.0003	29.6907	41.6916
0.6748	0.0238	43.4447	-68.5817	0.0002	29.9185	41.8738
0.6691	0.0241	44.1621	-69.6302	0.0001	30.198	42.1988
0.6624	0.0241	44.3277	-70.9547	0.0001	30.4155	42.4254
0.6552	0.024	44.9899	-72.6654	0.0001	30.7623	42.6076
0.6466	0.0241	45.6522	-74.7625	0.0001	30.9539	42.8095
0.6366	0.0238	47.0318	-77.4666	0.0001	31.28	43.1543
0.6232	0.0241	49.3496	-82.1573	0.0001	31.6527	43.4104
0.608	0.0233	51.7777	-85.6892	0	32.1549	43.696
0.5906	0.0234	54.4818	-90.1592	0.0002	32.5535	43.8388
0.5704	0.0242	57.9585	-94.4085	0.0001	32.9728	44.0063
0.5491	0.0245	60.9937	-99.5959	0.0002	33.4646	44.2427
0.5253	0.0251	63.2011	-103.4589	0.0004	34.0082	44.6613
0.4998	0.025	65.4085	-107.8185	0.0003	34.676	45.1292
0.4712	0.0254	65.3534	-109.3086	0.0004	35.406	45.6315
0.4418	0.0251	63.5322	-106.9908	0.0004	36.0997	46.0403
0.4111	0.0249	61.38	-105.4456	0.0005	36.7468	46.2126
0.3789	0.0244	60.497	-105.7767	0.0005	37.2489	46.4934
0.3462	0.0242	59.2278	-106.9908	0.0006	37.777	46.6953
0.3127	0.0243	60.497	-109.3637	0.0007	38.2481	46.843
0.275	0.0248	61.3248	-111.6815	0.0007	38.8175	47.3798

0.2338	0.0251	59.5589	-110.7986	0.0007	39.5423	47.9659
0.1913	0.025	57.8481	-107.9289	0.001	40.06	48.1087
0.1453	0.0246	56.2478	-105.7767	0.0009	40.6035	48.4584
0.0991	0.024	56.4685	-105.5559	0.0009	40.997	48.7736
0.0577	0.0252	63.9737	-96.064	0.0011	41.6492	48.0841
0.3886	0.0026	1.2665	-3.0545	0.0005	18.9641	23.906
0.7197	0.0102	28.931	-37.4019	-0.0005	21.5631	26.0698
0.7162	0.0157	32.7939	-42.1479	-0.0005	23.3646	27.7738
0.7365	0.0166	34.6702	-43.2516	-0.0003	25.5182	29.3891
0.7575	0.0175	34.7254	-43.969	0.0001	26.186	30.8765
0.7751	0.0182	34.5047	-44.576	0.0002	26.0514	32.1422
0.7944	0.0183	36.2706	-45.0175	0.0003	26.5225	33.27
0.8177	0.0183	37.7054	-44.7416	0.0003	26.9107	34.2106
0.8408	0.0179	38.0366	-45.1279	0.0001	27.2731	34.8656
0.8618	0.0178	38.5332	-45.6246	0.0003	27.6355	35.4616
0.8804	0.0176	38.3677	-46.6179	0.0001	28.3137	36.1707
0.8964	0.0175	38.4229	-47.3905	0.0001	28.8055	36.7913
0.9098	0.0177	38.3677	-48.3838	0	29.4629	37.5793
0.9217	0.0176	38.478	-48.9357	0	29.8823	38.0767
0.9323	0.0175	38.6988	-49.322	-0.0002	30.079	38.6283
0.9412	0.0177	38.754	-49.7635	-0.0001	30.5553	38.9435
0.9487	0.0178	38.8643	-50.205	-0.0002	30.8296	39.239
0.9543	0.0179	38.9195	-50.4809	-0.0002	30.8555	39.3325
0.9584	0.018	38.9195	-51.0879	-0.0002	30.9435	39.6625
0.9614	0.0183	39.1955	-51.419	-0.0002	31.1092	39.8349
0.9635	0.0184	38.9747	-51.7501	-0.0003	31.3162	40.1205
0.965	0.0186	38.9195	-51.9157	-0.0003	31.5854	40.3914
0.9665	0.019	39.3058	-51.9157	-0.0002	31.7977	40.6475
0.9672	0.0194	39.1955	-51.9157	-0.0002	32.1031	40.8346
0.9679	0.0193	39.0851	-52.0813	-0.0002	32.4137	41.076
0.9684	0.0194	39.1403	-52.3572	-0.0003	32.6933	41.3419
0.9684	0.0196	38.9747	-52.5779	-0.0003	32.9884	41.5635
0.9686	0.0195	38.8643	-52.7435	-0.0003	33.2783	41.8787
0.9688	0.0199	38.5884	-53.0194	-0.0003	33.6924	42.2727
0.9692	0.0198	38.9195	-53.0194	-0.0003	34.0755	42.6667
0.9693	0.0197	38.754	-53.5713	-0.0005	34.6398	43.0361
0.9696	0.0197	38.754	-53.7368	-0.0003	35.2092	43.4941
0.9696	0.0195	38.5884	-54.3439	-0.0003	35.8563	43.9225

0.9693	0.0196	38.754	-54.8405	-0.0003	36.3585	44.3412
0.9693	0.0197	38.6436	-55.0613	-0.0003	37.1195	45.1242
0.9688	0.0197	38.3677	-55.7235	-0.0004	37.5544	45.661
0.9688	0.0201	37.9814	-55.8339	-0.0003	37.8857	46.2225
0.969	0.0202	38.1469	-55.8339	-0.0002	38.0669	46.2274
0.9689	0.0203	37.871	-56.0546	-0.0003	38.5224	46.4047
0.9689	0.0202	37.9262	-56.6616	-0.0003	39.0349	46.8726
0.9684	0.0207	37.5951	-56.9376	-0.0003	39.6199	47.3207
0.9683	0.021	37.8158	-57.3239	-0.0005	40.3136	47.3651
0.968	0.0208	37.7606	-57.9861	-0.0003	40.6035	47.7541
0.9677	0.0211	38.0917	-58.0965	-0.0003	41.0177	48.6603
0.9673	0.0211	37.9814	-58.6483	-0.0003	41.6078	49.2168
0.9667	0.021	37.4847	-59.6417	-0.0004	42.0582	49.7093
0.9662	0.0212	37.4295	-59.3657	-0.0004	42.2705	50.8026
0.9656	0.021	36.8777	-60.2487	-0.0002	42.5552	52.0092
0.965	0.021	36.7121	-60.8557	-0.0005	43.1402	52.2456
0.964	0.0213	36.988	-61.1868	-0.0003	43.4715	52.3786
0.9632	0.0212	36.381	-61.2972	-0.0003	44.2066	52.5264
0.9621	0.0219	35.6084	-61.7387	-0.0003	44.5949	52.6101
0.9616	0.022	35.4428	-61.4076	-0.0005	45.185	52.7381
0.9606	0.022	35.0014	-61.4628	-0.0004	45.3869	52.684
0.9597	0.0222	34.4495	-62.0698	-0.0004	45.9564	53.0435
0.9588	0.0221	34.4495	-62.0146	-0.0003	46.3757	53.4227
0.9578	0.0224	34.008	-62.5113	-0.0003	47.1729	53.8019
0.9567	0.0222	33.8425	-63.008	-0.0004	47.7838	54.1417
0.9554	0.0222	33.3458	-63.5046	-0.0004	48.4672	54.5357
0.9542	0.0221	33.7873	-64.7739	-0.0003	49.3162	54.8706
0.9525	0.022	33.2906	-66.4846	-0.0003	50.3774	55.6044
0.9508	0.0219	34.0632	-67.6436	-0.0003	51.8839	56.0674
0.9487	0.0219	34.4495	-69.6854	-0.0003	52.6708	55.7473
0.9464	0.0221	35.3325	-71.5065	-0.0003	53.059	55.4518
0.9435	0.022	35.9395	-74.5417	-0.0003	53.3903	55.6192
0.9403	0.0222	37.2088	-77.1906	-0.0003	53.8304	55.5355
0.9357	0.0225	37.5951	-79.398	-0.0003	53.468	55.6537
0.9305	0.0231	38.8643	-82.3229	-0.0003	53.701	55.9245
0.9113	0.0259	40.0232	-233.6965	-0.0003	50.4809	53.0139

MLS10169.LT10; 30 Dec 2004, pm; pass leak  
test; exhaust flow=1.075 target =+107 ml/min;  
terminated empty; BP=741 mm Hg

MLS10198.LT10; 28 Dec 2004, pm; pass leak  
test; exhaust flow = 1.006 target = +9 ml/min;  
terminated empty; BP=740 mm Hg



MLS-010462.LT10; 27-July 2005 am; passed  
leak test ; exhaust flow =.981 target = -27  
ml/min; terminated empty; jps



MLS10646.It10; 13 Dec 2004; passed leak  
test; exhaust flow=1.007 target =+40 ml/min;  
terminated empty;JPS



MLS011799.It10; 13 Jan 2005, pm; failed leak  
test in 39 sec; QLT=29 ml/min; exhaust flow =  
.961 target = -57 ml/min; terminated empty;  
JPS

MLS014875.LT10; 4 Jan 2005, pm; failed leak  
test in 25s; QLT=35 ml/min; exhaust  
flow=1.062 target =+89 ml/min; terminated  
empty; JPS



MLS-015679.LT10; 27-July 2005 pm; passed  
leak test ; exhaust flow = target = ml/min;  
terminated empty; jps



MLS-015696.LT10; 28-July 2005 pm; failed  
leak test < 1 sec ; small slit in bag at black  
starter ring; no starter O2; exhaust flow = .996  
target = -6 ml/min; terminated empty; jps;  
candle fired at 55 min.



MLS-015699.LT10; 26-July 2005 am; passed  
leak test; exhaust flow = .979 target = -24  
ml/min; terminated empty; jps



MLS-015715.LT10; 29-July 2005 pm; passed  
leak test ; exhaust flow = .967 target = -43  
ml/min; terminated empty; jps

MLS16317.lt10; 10 Jan 2005, pm; passed leak  
test ; exhaust flow= 0.870 target = -186 ml/min;  
terminated empty



MLS016336.LT10; 31 March 2005 pm; pass  
leak test; Did not seem to fire 100% it grad.  
took off on its own; QLT= ; exhaust flow =  
target = ml/min; terminated empty; jps



MLS16337.LT10; 30 March 2005 am; fail leak  
test in 40s; QLT=25 ml/min; exhaust flow =  
1.000 target = +1 ml/min; terminated empty



MLS016349.LT10; 1 APRIL 2005 PM; pass  
leak test; duration 69; no graph of test  
computer error; term. empty;jps

































MLS16350.LT10; 30 March 2005 pm; pass  
leak test; QLT= pass; exhaust flow = .988  
target = -19 ml/min; terminated empty; jps;  
relief valve stuck open; rectified



MLS016363.LT10; 31 March 2005 am; pass  
leak test; QLT= ; exhaust flow = target =  
ml/min; terminated empty; jps