

50.000

2995.610	100.203	76.762	-2.012	-66.386	2.852	0.635
2995.610	100.548	76.762	-2.007	-66.386	2.847	1.025
2995.610	100.548	76.762	-2.007	-66.386	2.847	1.123
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.537
2995.610	100.203	76.762	-2.007	-66.386	2.847	1.270
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.684
2995.610	100.203	76.762	-2.007	-66.386	2.847	0.781
2995.610	100.548	76.762	-2.007	-66.386	2.847	1.367
2998.051	100.203	76.762	-2.007	-66.386	2.847	-0.146
2995.610	100.203	76.762	-2.012	-66.386	2.847	-0.049
2995.610	100.548	76.762	-2.012	-66.386	2.842	0.488
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.146
2998.051	100.548	76.762	-2.007	-66.386	2.847	1.318
2998.051	100.548	76.762	-2.007	-66.386	2.847	-0.244
2998.051	100.548	76.762	-2.007	-66.386	2.842	-0.293
2998.051	100.203	76.762	-2.012	-66.386	2.847	1.660
2998.051	100.548	76.762	-2.012	-59.842	2.847	0.195
2998.051	100.548	76.762	-2.007	-66.386	2.847	0.781
2998.051	100.203	76.762	-2.007	-66.386	2.847	0.635
2998.051	100.203	76.762	-2.007	-66.386	2.847	0.293
2998.051	100.548	76.762	-2.007	-66.386	2.847	-0.830
2998.051	100.548	77.106	-2.012	-66.386	2.847	1.318
2998.051	100.203	76.762	-2.007	-66.386	2.847	0.586
2998.051	100.548	76.762	-2.007	-66.386	2.847	0.293
2998.051	100.203	76.762	-2.012	-66.386	2.847	1.904
2998.051	100.548	76.762	-2.007	-66.386	2.847	0.244
2995.610	100.548	76.762	-2.007	-66.386	2.847	1.025
2995.610	100.203	76.762	-2.012	-66.386	2.847	0.195
2995.610	100.203	76.762	-2.012	-66.386	2.847	0.244
2995.610	100.203	76.762	-2.007	-66.386	2.847	-0.049
2995.610	100.203	76.762	-2.007	-66.386	2.847	0.391
2995.610	100.548	76.762	-2.007	-66.386	2.847	-0.098
2993.168	100.548	76.762	-2.007	-66.386	2.847	-0.098
2993.168	100.548	76.762	-2.007	-66.386	2.847	0.342
2993.168	100.203	76.762	-2.007	-66.386	2.847	1.758
2993.168	100.203	76.762	-2.007	-66.386	2.847	-1.025
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.879
2995.610	100.548	76.762	-2.012	-66.386	2.847	0.146
2993.168	100.548	76.762	-2.007	-66.386	2.847	0.244
2993.168	100.548	76.762	-2.012	-66.386	2.847	1.123
2993.168	100.548	76.762	-2.007	-66.386	2.847	-0.293
2993.168	100.203	76.762	-2.007	-66.386	2.847	2.490
2993.168	100.548	76.762	-2.007	-66.386	2.847	1.074
2993.168	100.548	76.762	-2.007	-66.386	2.847	0.439
2993.168	100.548	76.762	-2.007	-66.386	2.842	0.391
2995.610	100.203	76.762	-2.007	-66.386	2.842	1.074
2995.610	100.203	76.762	-2.007	-72.929	2.847	0.732
2995.610	100.203	76.762	-2.007	-66.386	2.847	0.488
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.049
2993.168	100.203	76.762	-2.012	-66.386	2.847	0.830
2995.610	100.203	76.762	-2.007	-73.576	2.847	-0.439
2995.610	100.203	76.762	-2.012	-66.386	2.842	-1.367
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.928

2995.610	100.548	76.762	-2.007	-66.386	2.852	-0.537
2995.610	100.203	76.762	-2.007	-72.929	2.842	0.781
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.732
2995.610	100.548	76.762	-2.012	-66.386	2.847	-0.049
2995.610	100.548	77.106	-2.007	-66.386	2.847	1.123
2995.610	100.548	76.762	-2.007	-66.386	2.847	0.244
2993.168	100.203	76.762	-2.012	-66.386	2.847	0.684
2993.168	100.548	76.762	-2.012	-66.386	2.842	1.074
2993.168	100.548	76.762	-2.012	-66.386	2.847	-0.098
2993.168	100.548	76.762	-2.007	-66.386	2.847	1.807
2990.727	100.548	76.762	-2.007	-66.386	2.847	-0.146
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.586
2988.286	100.203	76.762	-2.007	-73.576	2.842	-0.098
2988.286	100.548	76.762	-2.012	-66.386	2.847	0.977
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.244
2988.286	100.203	76.762	-2.007	-59.842	2.847	0.195
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.049
2988.286	100.203	77.106	-2.007	-66.386	2.847	-0.049
2988.286	100.548	76.762	-2.012	-66.386	2.842	0.977
2988.286	100.203	76.762	-2.007	-66.386	2.847	0.244
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.244
2990.727	100.203	77.106	-2.007	-66.386	2.842	0.830
2990.727	100.203	76.762	-2.007	-59.842	2.847	-0.391
2990.727	100.203	76.762	-2.007	-66.386	2.847	1.514
2990.727	100.548	76.762	-2.007	-66.386	2.847	0.439
2988.286	100.203	76.762	-2.007	-66.386	2.847	0.586
2988.286	100.548	76.762	-2.007	-72.929	2.847	1.221
2988.286	100.203	76.762	-2.007	-66.386	2.847	1.172
2988.286	100.548	76.762	-2.007	-66.386	2.847	1.953
2985.844	100.203	76.762	-2.007	-72.929	2.847	0.391
2983.403	100.548	76.762	-2.007	-66.386	2.847	0.439
2983.403	100.548	77.106	-2.007	-66.386	2.847	1.172
2983.403	100.203	77.106	-2.007	-66.386	2.847	-0.049
2983.403	100.203	76.762	-2.012	-66.386	2.847	-0.146
2983.403	100.203	76.762	-2.007	-66.386	2.847	0.195
2980.961	100.203	76.762	-2.007	-66.386	2.847	0.098
2983.403	100.203	76.762	-2.007	-66.386	2.847	1.221
2983.403	100.203	76.762	-2.007	-59.842	2.847	0.586
2983.403	100.203	76.762	-2.007	-66.386	2.847	0.049
2983.403	100.548	76.762	-2.007	-66.386	2.847	0.391
2983.403	100.203	76.762	-2.007	-66.386	2.847	0.098
2985.844	100.203	77.106	-2.007	-66.386	2.847	0.098
2985.844	100.203	76.762	-2.007	-73.576	2.847	-0.635
2985.844	100.548	76.762	-2.007	-72.929	2.847	1.123
2988.286	100.203	76.762	-2.007	-66.386	2.847	1.416
2985.844	100.203	76.762	-2.007	-66.386	2.842	0.195
2988.286	100.203	76.762	-2.012	-66.386	2.847	0.342
2988.286	100.203	77.106	-2.007	-66.386	2.847	1.074
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.635
2988.286	100.203	76.762	-2.007	-66.386	2.847	1.270
2988.286	100.203	76.762	-2.007	-66.386	2.847	-0.488
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.586
2988.286	100.203	76.762	-2.007	-66.386	2.847	-0.049
2988.286	100.548	76.762	-2.012	-72.929	2.852	0.781

2988.286	100.203	76.762	-2.007	-66.386	2.847	1.123	
2988.286	100.548	76.762	-2.007	-66.386	2.847	0.244	
2990.727	100.203	76.762	-2.007	-66.386	2.842	1.025	
2990.727	100.203	76.762	-2.012	-66.386	2.847	-0.342	
2990.727	100.203	76.762	-2.007	-66.386	2.847	1.514	
2990.727	100.548	76.762	-2.007	-66.386	2.847	0.195	
2993.168	100.203	76.762	-2.007	-66.386	2.847	0.781	
2993.168	100.548	76.762	-2.007	-66.386	2.847	0.488	
2993.168	100.203	76.762	-2.007	-66.386	2.847	1.514	
2993.168	100.548	76.762	-2.012	-66.386	2.847	1.123	
2990.727	100.548	76.762	-2.012	-66.386	2.847	1.025	
2990.727	100.548	77.106	-2.007	-66.386	2.852	-0.244	
2988.286	100.548	76.762	-2.007	-40.212	3.047	6.738	
2976.079	100.548	77.106	-2.007	-20.582	3.149	10.742	
2949.223	100.548	76.762	-2.002	-6.848	3.242	12.793	
2924.809	100.203	76.762	-1.987	-10.156	3.320	15.527	
2905.278	100.203	76.762	-1.958	56.499	3.394	18.066	
2893.071	100.548	76.762	-1.914	221.233	3.477	20.068	
2888.188	100.203	76.762	-1.860	457.872	3.560	22.559	
2893.071	100.548	76.762	-1.797	731.757	3.638	25.195	
2902.836	100.203	76.762	-1.729	1026.567		3.735	24.756
2915.043	100.203	76.762	-1.655	1293.262		3.828	25.488
2927.250	100.548	77.106	-1.582	1530.547		3.921	26.074
2937.016	100.203	77.106	-1.504	1710.956		4.019	25.781
2946.782	100.548	77.106	-1.431	1847.575		4.111	25.439
2951.665	100.203	77.106	-1.357	1927.318		4.204	26.172
2954.106	100.203	76.762	-1.289	1963.917		4.297	28.125
2956.547	100.203	76.762	-1.216	1978.298		4.370	27.686
2956.547	100.548	76.762	-1.143	1958.021		4.429	30.859
2954.106	100.548	76.762	-1.074	1936.449		4.487	33.789
2951.665	100.548	76.762	-1.001	1908.334		4.551	35.107
2949.223	100.548	77.106	-0.933	1880.219		4.609	34.863
2949.223	100.548	77.106	-0.864	1845.561		4.629	8.301
2949.223	100.548	77.106	-0.796	1825.284		4.634	10.010
2949.223	100.548	76.762	-0.728	1818.740		4.629	9.961
2949.223	100.548	76.762	-0.659	1792.566		4.629	9.814
2949.223	100.548	76.762	-0.591	1780.127		4.634	9.180
2949.223	100.548	77.106	-0.522	1761.143		4.634	4.443
2954.106	100.548	76.762	-0.454	1687.224		4.634	7.373
2961.430	100.548	76.762	-0.391	1536.798		4.634	11.523
2971.196	100.548	76.762	-0.327	1321.657		4.634	6.396
2983.403	100.548	76.762	-0.273	1069.917		4.634	3.516
2995.610	100.548	76.762	-0.220	762.594	4.634	5.664	
3002.934	100.548	77.106	-0.176	592.684	4.634	9.229	
3012.700	100.548	76.762	-0.142	384.807	4.634	9.961	
3017.582	100.548	76.762	-0.117	212.236	4.634	6.152	
3017.582	100.548	76.762	-0.098	81.513	4.634	5.469	
3015.141	100.548	76.762	-0.088	-18.506	4.634	4.102	
3010.258	100.548	76.762	-0.083	-69.487	4.634	7.471	
3007.817	100.548	76.762	-0.083	-105.439		4.634	12.061
3005.375	100.548	76.762	-0.088	-98.896	4.634	7.520	
3000.493	100.548	76.762	-0.088	-98.896	4.634	6.543	
2998.051	100.548	76.762	-0.093	-77.324	4.634	5.176	
2995.610	100.548	76.762	-0.098	-49.209	4.634	5.713	

2993.168	100.548 77.106	-0.098	-34.828 4.634	11.426	
2993.168	100.548 76.762	-0.103	-20.447 4.634	7.031	
2990.727	100.548 76.762	-0.103	-13.257 4.639	5.859	
2993.168	100.548 76.762	-0.103	-13.257 4.634	3.613	
2993.168	100.548 76.762	-0.103	-13.257 4.629	4.883	
2993.168	100.548 76.762	-0.103	-6.713 4.600	2.441	
2993.168	100.548 76.762	-0.103	-59.061 4.443	-5.811	
2988.286	100.548 76.762	-0.103	-687.880	4.282	-8.447
2971.196	100.893 77.106	-0.103	-800.413	4.185	-13.916
2951.665	100.893 76.762	-0.103	-907.696	4.106	-23.389
2934.575	100.893 77.106	-0.117	-918.769	4.014	-25.439
2919.926	100.548 77.106	-0.142	-963.853	3.896	-25.977
2910.161	100.548 77.106	-0.181	-1082.209	3.774	-26.221
2907.719	100.548 77.106	-0.229	-1127.293	3.647	-26.758
2910.161	100.548 77.106	-0.293	-1211.637	3.530	-26.318
2915.043	100.893 77.106	-0.366	-1229.253	3.418	-26.611
2919.926	100.548 77.106	-0.444	-1298.570	3.345	-31.494
2927.250	100.548 77.106	-0.527	-1327.979	3.276	-37.695
2934.575	100.548 77.106	-0.605	-1343.007	3.213	-40.967
2939.457	100.548 76.762	-0.693	-1356.741	3.145	-45.312
2941.899	100.548 77.106	-0.776	-1363.931	3.076	-48.779
2944.340	100.548 76.762	-0.859	-1343.654	3.003	-51.123
2944.340	100.548 77.106	-0.947	-1337.111	2.935	-53.955
2944.340	100.893 76.762	-1.030	-1350.198	2.861	-52.490
2944.340	100.548 76.762	-1.108	-1356.741	2.788	-51.709
2941.899	100.548 77.106	-1.191	-1343.654	2.710	-51.025
2941.899	100.893 76.762	-1.270	-1369.828	2.627	-50.146
2939.457	100.893 77.106	-1.348	-1343.654	2.554	-48.926
2939.457	100.548 77.106	-1.431	-1350.198	2.471	-47.021
2939.457	100.548 77.106	-1.509	-1363.931	2.388	-44.580
2939.457	100.548 77.106	-1.587	-1370.475	2.300	-42.871
2939.457	100.548 76.762	-1.665	-1370.475	2.217	-40.234
2939.457	100.548 77.106	-1.738	-1377.665	2.124	-37.549
2939.457	100.548 76.762	-1.821	-1384.209	2.041	-35.205
2941.899	100.893 77.106	-1.899	-1371.122	1.943	-33.496
2941.899	100.893 77.106	-1.978	-1364.579	1.851	-33.447
2941.899	100.548 76.762	-2.061	-1377.665	1.763	-32.227
2941.899	100.893 76.762	-2.139	-1391.399	1.670	-31.787
2941.899	100.548 77.106	-2.222	-1384.856	1.577	-31.055
2941.899	100.893 77.106	-2.300	-1397.943	1.484	-30.469
2941.899	100.893 76.762	-2.383	-1404.486	1.396	-29.053
2941.899	100.893 77.106	-2.461	-1390.752	1.304	-28.418
2941.899	100.893 76.762	-2.539	-1378.312	1.216	-27.539
2941.899	100.893 77.106	-2.617	-1391.399	1.123	-27.148
2939.457	100.893 76.762	-2.700	-1397.943	1.040	-24.951
2939.457	100.893 77.106	-2.778	-1417.573	0.952	-23.730
2941.899	100.893 76.762	-2.852	-1391.399	0.869	-22.168
2939.457	100.893 77.106	-2.930	-1397.943	0.781	-20.850
2939.457	100.893 77.106	-3.003	-1384.856	0.698	-19.971
2939.457	100.893 76.762	-3.081	-1391.399	0.615	-18.555
2939.457	100.893 76.762	-3.159	-1391.399	0.527	-16.016
2939.457	100.893 77.106	-3.237	-1397.943	0.444	-12.402
2939.457	100.893 76.762	-3.315	-1411.030	0.430	-7.031
2939.457	100.893 77.106	-3.394	-1299.791	0.425	-8.301

2941.899	100.893	77.106	-3.472	-972.618	0.425	-7.910
2944.340	100.893	76.762	-3.550	-789.401	0.425	-7.959
2954.106	100.893	77.106	-3.623	-723.967	0.425	-8.594
2971.196	100.893	77.106	-3.691	-697.793	0.425	-8.887
2985.844	100.893	77.106	-3.755	-698.440	0.425	-9.277
2998.051	100.893	77.106	-3.809	-685.353	0.420	-3.857
3002.934	100.893	77.106	-3.848	-672.266	0.430	-1.025
3007.817	100.893	77.106	-3.882	-613.375	0.420	-6.982
3010.258	100.893	77.106	-3.906	-555.131	0.420	-5.957
3010.258	100.893	77.106	-3.926	-555.131	0.425	-7.373
3012.700	100.893	77.106	-3.940	-561.674	0.420	-3.613
3012.700	100.893	77.106	-3.950	-548.587	0.425	-1.709
3010.258	100.893	77.106	-3.955	-548.587	0.425	-5.420
3007.817	100.893	77.106	-3.955	-548.587	0.420	-8.545
3005.375	100.893	77.106	-3.955	-555.131	0.425	-7.178
3000.493	100.893	77.106	-3.955	-535.501	0.420	-4.150
2995.610	100.893	77.106	-3.955	-542.044	0.425	-2.148
2995.610	101.237	77.106	-3.955	-528.310	0.420	-3.711
2993.168	100.893	77.106	-3.950	-521.767	0.420	-8.301
2990.727	100.893	77.106	-3.950	-521.767	0.425	-5.615
2990.727	101.237	77.106	-3.950	-515.223	0.469	0.342
2990.727	100.893	77.106	-3.950	-265.925	0.703	4.639
2983.403	100.893	77.106	-3.950	-63.078	0.859	14.941
2963.872	101.237	77.106	-3.950	-30.360	1.021	19.482
2939.457	101.237	77.106	-3.940	-30.360	1.230	20.508
2917.485	101.237	77.106	-3.921	-17.273	1.421	23.535
2902.836	101.237	77.106	-3.892	-10.083	1.577	25.635
2893.071	101.237	77.106	-3.843	-2.892	1.689	38.721
2890.629	100.893	77.106	-3.779	4.945	1.807	45.215
2893.071	100.893	77.106	-3.701	27.164	1.919	51.416
2900.395	100.893	76.762	-3.618	65.704	2.026	56.396
2907.719	101.237	77.106	-3.530	161.121	2.129	60.693
2919.926	100.893	76.762	-3.442	327.149	2.222	63.428
2932.133	100.893	76.762	-3.350	550.701	2.310	66.357
2944.340	100.893	77.106	-3.262	803.015	2.393	67.285
2951.665	100.893	77.106	-3.179	1076.253	2.476	68.604
2956.547	100.893	77.106	-3.105	1321.376	2.559	69.873
2961.430	101.237	77.106	-3.027	1544.281	2.632	70.068
2961.430	101.237	76.762	-2.959	1723.396	2.715	71.143
2961.430	100.893	77.106	-2.891	1846.281	2.793	70.605
2958.989	100.893	76.762	-2.822	1918.186	2.866	70.068
2956.547	100.893	76.762	-2.759	1968.519	2.939	68.896
2956.547	100.893	77.106	-2.690	1982.900	3.013	68.799
2954.106	101.237	77.106	-2.627	1975.710	3.081	69.580
2951.665	101.237	77.106	-2.559	1954.139	3.149	70.850
2949.223	101.237	77.106	-2.495	1926.024	3.218	70.605
2949.223	101.237	77.106	-2.427	1904.452	3.286	71.924
2949.223	101.237	77.106	-2.354	1890.071	3.350	72.070
2949.223	100.893	77.106	-2.280	1875.690	3.413	72.217
2949.223	101.237	77.106	-2.212	1875.690	3.481	72.314
2951.665	101.237	77.106	-2.139	1869.147	3.545	73.584
2951.665	101.237	76.762	-2.070	1869.147	3.608	74.023
2951.665	101.237	77.106	-1.997	1869.794	3.672	73.828
2954.106	101.237	77.106	-1.924	1876.984	3.740	73.779

2954.106	101.237 77.106	-1.855	1884.175	3.804	73.242
2954.106	101.237 76.762	-1.787	1892.012	3.872	72.266
2954.106	101.237 77.106	-1.719	1892.012	3.936	71.045
2954.106	101.237 77.106	-1.650	1892.659	3.999	71.191
2954.106	101.237 77.106	-1.582	1886.116	4.062	70.703
2954.106	101.237 77.106	-1.514	1893.306	4.126	69.434
2954.106	101.237 77.106	-1.445	1886.763	4.189	67.822
2954.106	100.893 77.106	-1.382	1880.219	4.243	65.869
2954.106	101.237 77.106	-1.309	1887.410	4.302	65.137
2951.665	101.237 77.106	-1.240	1874.323	4.360	63.525
2954.106	101.237 77.106	-1.172	1874.970	4.419	60.596
2954.106	101.237 77.106	-1.104	1882.161	4.478	59.082
2956.547	101.237 77.106	-1.030	1869.074	4.536	57.373
2956.547	101.237 77.106	-0.957	1869.721	4.595	54.688
2956.547	101.237 77.106	-0.889	1863.824	4.634	9.473
2954.106	101.237 77.106	-0.820	1857.928	4.634	9.326
2954.106	101.237 77.106	-0.752	1852.031	4.634	9.473
2954.106	101.237 77.106	-0.679	1826.505	4.634	9.668
2954.106	101.237 77.106	-0.610	1806.874	4.634	8.838
2951.665	101.237 77.106	-0.547	1794.434	4.634	8.789
2956.547	101.237 77.106	-0.479	1740.793	4.634	5.176
2961.430	101.237 77.106	-0.410	1611.291	4.634	9.668
2968.754	101.237 77.106	-0.352	1431.455	4.639	8.496
2980.961	101.237 77.106	-0.288	1199.993	4.634	4.590
2993.168	101.237 77.106	-0.234	899.861 4.634	3.809	
3005.375	101.237 77.106	-0.190	695.939 4.634	7.422	
3015.141	101.237 77.106	-0.151	486.768 4.634	9.570	
3022.465	101.237 77.106	-0.122	292.625 4.634	12.354	
3022.465	101.237 77.106	-0.103	140.978 4.634	6.250	
3020.024	101.237 77.106	-0.093	18.740 4.634	6.006	
3015.141	101.237 77.106	-0.083	-46.621 4.634	5.273	
3010.258	101.237 77.106	-0.083	-83.221 4.634	8.594	
3007.817	101.237 77.106	-0.088	-104.145	4.634	12.500
3002.934	101.237 77.106	-0.088	-97.602 4.634	7.178	
3000.493	101.237 77.106	-0.093	-89.764 4.634	5.762	
2998.051	101.237 77.106	-0.098	-61.649 4.634	6.494	
2995.610	101.237 77.106	-0.098	-47.268 4.634	6.201	
2995.610	101.582 77.106	-0.103	-25.697 4.634	12.061	
2993.168	100.203 76.072	-0.088	-18.506 4.634	5.859	
2993.168	100.893 75.728	-0.093	-11.316 4.634	5.078	
2993.168	101.237 76.762	-0.098	-4.772 4.614	3.613	
2993.168	101.582 77.796	-0.103	-30.946 4.482	-4.834	
2988.286	101.582 78.141	-0.103	-450.374	4.312	-1.221
2973.637	101.927 78.485	-0.107	-752.668	4.194	-8.057
2954.106	101.927 78.141	-0.107	-879.581	4.121	-20.215
2934.575	101.927 78.141	-0.117	-916.828	4.028	-24.902
2922.368	101.582 77.796	-0.142	-955.368	3.921	-26.416
2912.602	101.582 77.796	-0.176	-1047.550	3.794	-25.635
2910.161	101.582 77.451	-0.220	-1107.015	3.647	-27.295
2910.161	101.237 77.451	-0.283	-1191.360	3.525	-27.295
2915.043	101.237 77.106	-0.352	-1210.270	3.408	-27.246
2919.926	101.237 76.762	-0.425	-1292.674	3.354	-31.201
2927.250	101.237 76.762	-0.508	-1321.436	3.291	-37.207
2934.575	101.237 76.762	-0.591	-1316.833	3.228	-41.455

2939.457	101.237	76.762	-0.674	-1356.741	3.159	-45.459
2941.899	101.237	76.762	-0.762	-1337.758	3.091	-48.438
2944.340	101.237	76.762	-0.845	-1363.931	3.018	-50.781
2944.340	101.582	77.106	-0.928	-1350.845	2.949	-52.051
2944.340	101.237	77.106	-1.011	-1356.741	2.876	-53.223
2944.340	101.237	77.106	-1.094	-1356.741	2.798	-52.344
2944.340	101.237	77.106	-1.177	-1356.741	2.720	-52.100
2944.340	101.237	77.106	-1.255	-1389.458	2.642	-50.830
2944.340	101.237	77.106	-1.338	-1376.371	2.563	-50.098
2944.340	101.237	77.106	-1.416	-1356.741	2.480	-48.047
2941.899	101.237	77.106	-1.494	-1377.018	2.402	-45.898
2941.899	101.237	77.106	-1.572	-1350.845	2.314	-44.629
2941.899	101.237	77.106	-1.650	-1377.665	2.227	-41.699
2941.899	101.582	77.106	-1.729	-1344.301	2.139	-39.502
2941.899	101.237	77.106	-1.807	-1384.209	2.046	-36.719
2941.899	101.582	77.106	-1.885	-1351.492	1.958	-35.254
2941.899	101.237	77.106	-1.963	-1364.579	1.865	-34.961
2941.899	101.237	77.106	-2.046	-1384.209	1.777	-34.180
2944.340	101.582	77.106	-2.124	-1371.122	1.685	-33.105
2941.899	101.582	77.106	-2.207	-1390.752	1.592	-32.715
2941.899	101.582	77.106	-2.285	-1397.296	1.499	-32.275
2941.899	101.582	77.106	-2.368	-1403.839	1.411	-31.104
2941.899	101.582	77.106	-2.451	-1377.665	1.318	-30.029
2941.899	101.582	77.106	-2.529	-1371.122	1.226	-28.223
2941.899	101.582	77.106	-2.607	-1403.839	1.138	-27.637
2941.899	101.237	76.762	-2.686	-1416.926	1.050	-26.807
2941.899	101.237	77.106	-2.764	-1397.296	0.962	-25.977
2944.340	101.237	77.106	-2.842	-1417.573	0.879	-24.463
2941.899	101.582	77.106	-2.915	-1411.030	0.796	-23.242
2944.340	101.582	77.106	-2.993	-1397.296	0.708	-21.680
2941.899	101.582	77.106	-3.071	-1416.926	0.625	-20.752
2944.340	101.237	77.106	-3.149	-1430.660	0.547	-18.408
2944.340	101.582	77.106	-3.228	-1371.769	0.454	-16.211
2944.340	101.582	77.106	-3.306	-1403.839	0.425	-10.254
2944.340	101.582	77.106	-3.384	-1305.687	0.425	-8.252
2944.340	101.582	77.106	-3.462	-972.618	0.420	-8.447
2946.782	101.582	77.106	-3.540	-789.401	0.420	-8.154
2954.106	101.582	77.106	-3.613	-730.510	0.420	-8.203
2968.754	101.582	77.106	-3.682	-697.793	0.420	-8.691
2983.403	101.582	77.106	-3.745	-697.793	0.420	-8.252
2995.610	101.582	77.106	-3.799	-684.706	0.420	-9.424
3002.934	101.582	77.451	-3.848	-665.076	0.420	-4.883
3007.817	101.582	77.106	-3.877	-665.723	0.420	-2.197
3007.817	101.582	77.106	-3.906	-541.397	0.420	-2.441
3010.258	101.582	77.106	-3.926	-554.484	0.420	-7.617
3010.258	101.582	77.106	-3.940	-547.940	0.415	-8.740
3010.258	101.582	77.106	-3.945	-548.587	0.420	-7.959
3010.258	101.582	77.106	-3.955	-555.131	0.420	-4.346
3005.375	101.582	77.106	-3.955	-541.397	0.420	-0.977
3002.934	101.582	77.106	-3.955	-542.044	0.420	-3.467
2998.051	101.582	77.106	-3.955	-534.854	0.420	-6.982
2998.051	101.582	77.106	-3.955	-534.854	0.420	-8.203
2995.610	101.582	77.106	-3.955	-528.310	0.415	-7.227
2993.168	101.582	77.106	-3.955	-528.310	0.420	-1.025

2990.727	101.582	77.106	-3.950	-508.033	0.420	-6.055
2990.727	101.582	77.106	-3.950	-514.576	0.415	-8.105
2990.727	101.582	77.106	-3.950	-494.946	0.415	-7.178
2993.168	101.582	77.106	-3.950	-291.452	0.425	-6.689
2995.610	101.582	77.106	-3.950	-127.865	0.425	-1.855
2993.168	101.582	77.106	-3.950	-108.235	0.532	10.596
2990.727	101.582	77.106	-3.950	-68.974	0.771	9.375
2978.520	101.582	77.106	-3.955	-30.360	0.928	17.285
2956.547	101.582	77.106	-3.950	-17.273	1.118	23.535
2934.575	101.582	77.106	-3.940	-17.273	1.338	20.947
2915.043	101.582	77.106	-3.916	-17.273	1.494	28.613
2897.954	101.582	77.106	-3.882	-3.539	1.611	37.109
2893.071	101.582	77.106	-3.828	4.298	1.729	43.945
2890.629	101.582	77.106	-3.760	33.707	1.841	51.904
2895.512	101.582	77.106	-3.682	64.410	1.948	58.398
2902.836	101.582	77.106	-3.594	125.169	2.051	63.037
2912.602	101.582	77.106	-3.506	276.816	2.148	66.797
2924.809	101.582	77.106	-3.418	472.253	2.236	68.311
2937.016	101.582	77.106	-3.330	731.110	2.324	69.971
2949.223	101.582	77.106	-3.242	1004.348	2.407	72.559
2954.106	101.582	77.106	-3.164	1256.015	2.490	73.584
2956.547	101.582	77.106	-3.086	1499.844	2.568	73.730
2958.989	101.582	77.106	-3.018	1666.519	2.646	74.072
2961.430	101.582	77.106	-2.949	1810.329	2.725	73.828
2961.430	101.582	77.106	-2.881	1903.805	2.808	73.047
2958.989	101.582	77.106	-2.812	1960.682	2.881	72.705
2956.547	101.582	77.106	-2.749	1975.710	2.954	70.654
2956.547	101.582	77.106	-2.686	1975.710	3.027	70.752
2954.106	101.582	77.106	-2.617	1961.329	3.096	71.826
2951.665	101.582	77.106	-2.554	1939.758	3.159	72.461
2951.665	101.582	77.106	-2.485	1910.996	3.228	72.998
2949.223	101.582	77.106	-2.412	1896.615	3.296	73.242
2949.223	101.582	77.106	-2.344	1882.881	3.359	73.535
2951.665	101.582	77.106	-2.271	1868.500	3.423	73.633
2951.665	101.582	77.106	-2.197	1868.500	3.491	74.072
2951.665	101.582	77.106	-2.124	1861.956	3.555	75.195
2951.665	101.582	77.106	-2.056	1862.603	3.623	74.707
2954.106	101.582	77.106	-1.987	1869.794	3.687	74.756
2954.106	101.582	77.106	-1.914	1876.984	3.750	74.609
2954.106	101.582	77.106	-1.846	1884.175	3.818	74.658
2954.106	101.582	77.106	-1.772	1891.365	3.882	72.949
2954.106	101.582	77.106	-1.709	1884.822	3.945	72.363
2956.547	101.582	77.106	-1.636	1885.469	4.009	71.240
2954.106	101.582	77.106	-1.572	1886.116	4.072	70.215
2954.106	101.582	77.106	-1.504	1886.116	4.136	69.336
2954.106	101.582	77.106	-1.436	1893.306	4.199	67.334
2956.547	101.582	77.106	-1.367	1880.219	4.258	65.771
2956.547	101.582	77.106	-1.299	1873.676	4.312	64.941
2956.547	101.582	77.106	-1.230	1874.323	4.375	62.939
2956.547	101.582	77.106	-1.162	1867.780	4.434	60.498
2956.547	101.582	77.106	-1.089	1868.427	4.487	59.766
2956.547	101.582	77.106	-1.016	1869.074	4.546	57.959
2956.547	101.582	77.106	-0.947	1856.634	4.604	54.199
2956.547	101.582	77.106	-0.879	1850.090	4.634	6.445

2956.547	101.582 77.106	-0.806	1857.928	4.634	9.570
2956.547	101.582 77.106	-0.737	1845.488	4.634	9.473
2956.547	101.927 77.106	-0.669	1833.048	4.634	8.643
2956.547	101.582 77.106	-0.601	1807.521	4.634	9.033
2956.547	101.927 77.106	-0.532	1781.347	4.634	8.643
2958.989	101.582 77.106	-0.464	1720.515	4.639	11.426
2966.313	101.582 77.106	-0.400	1557.002	4.639	4.639
2973.637	101.582 77.106	-0.337	1368.035	4.634	5.762
2988.286	101.927 77.106	-0.278	1122.839	4.639	4.102
2998.051	101.927 77.106	-0.225	828.603 4.634	9.473	
3010.258	101.582 77.106	-0.186	624.681 4.639	11.035	
3017.582	101.582 77.106	-0.146	422.701 4.634	5.371	
3022.465	101.927 77.106	-0.122	242.939 4.634	4.395	
3022.465	101.582 77.106	-0.103	105.673 4.639	5.420	
3020.024	101.927 77.106	-0.093	4.359 4.639	9.521	
3017.582	101.927 77.106	-0.088	-60.355 4.634	12.158	
3012.700	101.927 77.106	-0.083	-96.308 4.634	7.764	
3010.258	101.927 77.106	-0.088	-103.498	4.639	5.322
3005.375	101.927 77.106	-0.088	-89.764 4.639	6.055	
3000.493	101.927 77.106	-0.093	-75.383 4.634	10.547	
2998.051	101.927 77.106	-0.098	-61.002 4.634	10.205	
2995.610	101.927 77.106	-0.103	-46.621 4.639	6.592	
2995.610	101.927 77.106	-0.103	-25.697 4.634	4.346	
2995.610	101.237 77.106	-0.083	-11.316 4.639	4.980	
2995.610	101.237 76.072	-0.093	-4.125 4.634	6.006	
2995.610	101.582 77.451	-0.098	2.418 4.614	8.203	
2995.610	101.582 77.796	-0.103	-17.859 4.521	-2.637	
2993.168	101.927 78.141	-0.107	-305.771	4.331	-3.516
2980.961	101.927 78.141	-0.107	-757.917	4.209	-15.479
2961.430	101.927 78.141	-0.107	-812.853	4.126	-22.998
2939.457	101.927 78.141	-0.117	-901.800	4.004	-26.514
2924.809	101.927 78.141	-0.132	-921.357	3.862	-25.928
2915.043	101.927 77.796	-0.166	-1019.436	3.730	-26.562
2910.161	101.927 77.451	-0.210	-1085.444	3.594	-26.855
2910.161	101.927 77.106	-0.269	-1196.609	3.496	-32.080
2915.043	101.927 77.106	-0.332	-1222.063	3.433	-37.891
2919.926	101.927 77.106	-0.405	-1272.396	3.369	-43.164
2924.809	101.927 77.106	-0.488	-1314.245	3.306	-46.631
2934.575	101.582 77.106	-0.571	-1342.360	3.237	-50.977
2939.457	101.582 77.106	-0.654	-1337.111	3.169	-53.564
2944.340	101.582 77.106	-0.742	-1344.301	3.105	-56.592
2946.782	101.582 77.106	-0.825	-1350.845	3.032	-58.984
2949.223	101.582 77.106	-0.908	-1337.758	2.964	-60.352
2949.223	101.927 77.451	-0.996	-1350.198	2.891	-61.084
2949.223	101.927 77.106	-1.074	-1356.741	2.817	-60.059
2949.223	101.582 77.451	-1.157	-1389.458	2.734	-59.033
2949.223	101.582 77.106	-1.240	-1376.371	2.656	-57.520
2946.782	101.927 77.106	-1.318	-1343.654	2.578	-55.762
2946.782	101.927 77.106	-1.396	-1337.111	2.500	-54.297
2946.782	101.927 77.106	-1.475	-1377.018	2.417	-51.416
2944.340	101.927 77.451	-1.558	-1357.388	2.329	-49.756
2944.340	101.927 77.106	-1.636	-1344.301	2.246	-46.826
2944.340	101.927 77.106	-1.714	-1390.105	2.153	-44.092
2944.340	101.927 77.106	-1.792	-1344.948	2.065	-41.211

2944.340	101.927 77.106	-1.870	-1358.035	1.973	-39.307
2944.340	101.582 77.106	-1.948	-1377.665	1.880	-38.477
2944.340	101.927 77.106	-2.026	-1377.665	1.792	-37.451
2944.340	101.927 77.106	-2.109	-1390.752	1.699	-36.865
2944.340	101.927 77.106	-2.192	-1397.296	1.606	-35.840
2944.340	101.582 77.106	-2.271	-1417.573	1.519	-35.156
2944.340	101.927 77.106	-2.354	-1384.209	1.421	-34.570
2944.340	101.927 77.106	-2.432	-1384.209	1.333	-33.398
2946.782	101.927 77.106	-2.515	-1377.665	1.245	-32.129
2946.782	101.582 77.106	-2.593	-1344.948	1.157	-31.689
2946.782	101.927 77.106	-2.671	-1377.665	1.064	-30.078
2946.782	101.927 77.106	-2.749	-1377.665	0.981	-28.320
2946.782	101.927 77.106	-2.827	-1384.209	0.894	-27.051
2946.782	101.927 77.106	-2.900	-1416.926	0.811	-24.316
2946.782	101.927 77.106	-2.979	-1384.209	0.723	-22.656
2946.782	101.927 77.106	-3.057	-1365.226	0.640	-22.070
2946.782	101.927 77.106	-3.135	-1416.926	0.552	-19.385
2946.782	101.927 77.106	-3.213	-1416.926	0.469	-16.846
2944.340	101.927 77.106	-3.291	-1384.209	0.425	-0.830
2946.782	101.927 77.106	-3.369	-1331.861	0.425	-9.521
2946.782	101.927 77.106	-3.447	-1064.226	0.425	-8.252
2949.223	101.927 77.106	-3.525	-814.928	0.425	-8.691
2956.547	101.927 77.106	-3.599	-730.510	0.420	-7.861
2968.754	101.927 77.106	-3.672	-704.336	0.425	-8.545
2985.844	101.927 77.106	-3.735	-684.706	0.420	-12.988
2998.051	101.927 77.106	-3.794	-678.163	0.420	-4.736
3005.375	101.927 77.106	-3.838	-685.353	0.420	-2.100
3010.258	101.927 77.106	-3.872	-672.266	0.420	-6.836
3010.258	101.927 77.451	-3.906	-547.940	0.420	-9.229
3012.700	101.927 77.106	-3.921	-554.484	0.425	-6.055
3012.700	101.927 77.106	-3.936	-547.940	0.420	-4.199
3012.700	101.927 77.106	-3.945	-547.940	0.420	-2.197
3010.258	101.927 77.106	-3.955	-547.940	0.420	-4.443
3007.817	101.927 77.106	-3.955	-555.131	0.420	-9.912
3005.375	101.927 77.106	-3.955	-541.397	0.420	-5.469
3002.934	101.927 77.106	-3.955	-541.397	0.420	-5.225
3000.493	101.927 77.106	-3.955	-528.310	0.420	-1.660
2995.610	101.927 77.106	-3.955	-528.310	0.420	-5.713
2995.610	101.927 77.106	-3.950	-521.767	0.420	-9.375
2993.168	101.927 77.106	-3.950	-508.033	0.420	-6.299
2993.168	101.927 77.106	-3.950	-501.489	0.415	-4.639
2993.168	101.927 77.106	-3.950	-501.489	0.420	-2.637
2995.610	101.927 77.106	-3.950	-199.843	0.420	-4.443
2993.168	101.927 77.106	-3.950	-161.229	0.420	-8.740
2993.168	101.927 77.106	-3.950	-108.235	0.425	-7.861
2993.168	101.927 77.451	-3.955	-95.148	0.532	7.861
2990.727	101.927 77.451	-3.955	-62.431	0.786	9.375
2978.520	101.927 77.106	-3.955	-30.360	0.957	18.457
2956.547	101.927 77.106	-3.950	-17.273	1.162	22.412
2932.133	101.927 77.106	-3.940	-17.273	1.382	23.438
2912.602	101.927 77.106	-3.916	-10.730	1.499	32.812
2900.395	101.927 77.106	-3.882	3.651	1.616	42.969
2893.071	101.927 77.106	-3.828	11.489	1.729	50.439
2893.071	101.927 77.106	-3.760	33.707	1.846	57.324

2895.512	101.927 77.106	-3.682	64.410	1.953	63.330
2905.278	101.927 77.106	-3.594	132.359	2.051	68.408
2915.043	101.927 77.106	-3.506	277.463	2.153	71.973
2927.250	101.927 77.106	-3.413	480.090	2.241	73.047
2939.457	101.927 77.106	-3.330	738.301	2.329	75.439
2946.782	101.927 77.106	-3.242	1004.995	2.412	75.977
2954.106	101.927 77.106	-3.164	1256.662	2.495	77.100
2958.989	101.927 77.106	-3.086	1500.491	2.573	77.197
2958.989	101.927 77.106	-3.013	1680.253	2.651	76.221
2958.989	101.927 77.106	-2.944	1810.329	2.729	76.562
2958.989	101.927 77.106	-2.876	1903.805	2.812	74.854
2956.547	101.927 77.106	-2.812	1954.139	2.881	73.926
2954.106	101.927 77.106	-2.749	1975.063	2.954	72.852
2951.665	101.927 77.106	-2.681	1968.519	3.027	73.926
2951.665	101.927 77.106	-2.617	1953.492	3.101	74.023
2949.223	101.927 77.106	-2.549	1932.567	3.169	72.998
2951.665	101.927 77.106	-2.480	1904.452	3.232	75.000
2951.665	101.927 77.106	-2.412	1889.424	3.296	75.488
2949.223	101.927 77.106	-2.339	1868.500	3.364	76.221
2951.665	101.927 77.106	-2.266	1861.309	3.428	76.270
2951.665	101.927 77.106	-2.197	1861.309	3.491	76.807
2951.665	101.927 77.106	-2.124	1861.956	3.560	76.904
2951.665	101.927 77.106	-2.056	1869.147	3.623	76.318
2951.665	101.927 77.106	-1.982	1869.794	3.687	76.221
2954.106	101.927 77.106	-1.914	1876.984	3.755	75.635
2954.106	101.927 77.106	-1.841	1884.175	3.818	75.488
2954.106	101.927 77.106	-1.772	1884.822	3.887	73.926
2954.106	101.927 77.451	-1.704	1892.012	3.950	72.559
2954.106	102.271 77.106	-1.636	1878.925	4.014	71.484
2954.106	101.927 77.106	-1.567	1886.116	4.077	70.166
2954.106	101.927 77.106	-1.499	1879.572	4.141	68.652
2954.106	101.927 77.106	-1.431	1879.572	4.199	68.213
2954.106	101.927 77.106	-1.367	1880.219	4.258	67.041
2954.106	101.927 77.106	-1.299	1880.866	4.316	64.551
2954.106	101.927 77.106	-1.226	1874.323	4.375	63.184
2954.106	101.927 77.106	-1.157	1874.323	4.434	61.816
2954.106	101.927 77.451	-1.089	1874.970	4.492	60.596
2954.106	101.927 77.106	-1.016	1861.883	4.551	57.812
2954.106	101.927 77.106	-0.942	1855.987	4.609	55.273
2956.547	101.927 77.106	-0.874	1856.634	4.639	10.840
2954.106	101.927 77.106	-0.801	1844.194	4.639	9.961
2954.106	101.927 77.106	-0.732	1831.754	4.634	8.740
2954.106	102.271 77.106	-0.664	1819.314	4.639	10.547
2954.106	102.271 77.106	-0.596	1806.874	4.639	9.717
2954.106	102.271 77.106	-0.532	1780.700	4.639	10.107
2956.547	101.927 77.106	-0.464	1693.694	4.639	4.639
2961.430	102.271 77.106	-0.396	1543.268	4.639	11.670
2973.637	101.927 77.106	-0.337	1341.214	4.639	9.424
2985.844	101.927 77.106	-0.273	1096.018	4.639	7.666
2995.610	101.927 77.106	-0.225	801.782	4.639	4.932
3005.375	101.927 77.106	-0.181	625.328	4.639	6.445
3015.141	101.927 77.106	-0.146	403.071	4.639	8.545
3022.465	102.271 77.106	-0.117	237.043	4.639	11.230
3022.465	101.927 77.106	-0.098	93.233	4.639	5.566

3020.024	102.271 77.106	-0.088	-0.890	4.639	3.760	
3015.141	101.927 77.451	-0.088	-65.605	4.639	6.787	
3010.258	102.271 77.106	-0.083	-95.014	4.639	8.154	
3005.375	101.927 77.106	-0.088	-102.204		4.639	10.645
3002.934	102.271 77.106	-0.088	-95.014	4.639	5.908	
2998.051	101.927 77.451	-0.093	-74.089	4.634	4.590	
2995.610	102.271 77.106	-0.098	-46.621	4.639	5.322	
2993.168	101.927 77.451	-0.098	-38.137	4.639	8.008	
2993.168	101.927 77.106	-0.103	-17.212	4.634	10.254	
2995.610	102.271 77.106	-0.103	-10.022	4.614	8.301	
2995.610	101.927 77.106	-0.103	-9.375	4.517	-4.297	
2993.168	101.927 77.106	-0.103	-284.200		4.331	-4.150
2980.961	102.271 76.417	-0.103	-750.079		4.214	-10.693
2961.430	102.271 77.106	-0.103	-805.015		4.126	-20.166
2941.899	102.271 77.451	-0.112	-855.349		4.028	-24.561
2927.250	102.271 77.451	-0.132	-914.166		3.906	-25.439
2917.485	102.271 77.451	-0.166	-1012.245		3.770	-25.537
2915.043	102.271 77.451	-0.210	-1111.618		3.643	-25.977
2912.602	102.271 77.451	-0.269	-1170.436		3.496	-25.684
2917.485	102.271 77.451	-0.337	-1215.520		3.433	-30.908
2922.368	101.927 77.451	-0.415	-1278.940		3.364	-35.889
2929.692	102.271 77.106	-0.493	-1321.436		3.301	-40.332
2937.016	101.927 77.106	-0.576	-1316.833		3.232	-45.361
2939.457	101.927 77.106	-0.664	-1337.758		3.169	-48.975
2944.340	101.927 77.106	-0.747	-1350.845		3.101	-51.758
2944.340	101.927 77.106	-0.835	-1364.579		3.027	-54.834
2946.782	101.927 77.106	-0.918	-1337.758		2.959	-55.859
2946.782	101.927 77.106	-1.001	-1344.301		2.886	-56.494
2946.782	101.927 77.106	-1.084	-1356.741		2.808	-56.250
2946.782	102.271 77.106	-1.167	-1343.654		2.729	-55.273
2946.782	102.271 77.106	-1.245	-1356.741		2.651	-55.371
2944.340	101.927 77.106	-1.323	-1376.371		2.578	-52.197
2944.340	101.927 77.106	-1.406	-1324.024		2.495	-50.537
2944.340	102.271 77.106	-1.484	-1343.654		2.412	-48.389
2946.782	102.271 77.451	-1.562	-1350.845		2.324	-46.875
2946.782	102.271 77.106	-1.641	-1344.301		2.241	-44.092
2946.782	102.271 77.106	-1.719	-1350.845		2.153	-41.650
2946.782	102.271 77.451	-1.797	-1364.579		2.056	-38.232
2944.340	102.271 77.451	-1.875	-1384.209		1.968	-36.426
2944.340	102.271 77.451	-1.953	-1351.492		1.880	-36.377
2944.340	102.271 77.106	-2.036	-1377.665		1.787	-35.059
2944.340	102.271 77.451	-2.114	-1391.399		1.694	-35.400
2944.340	102.271 77.106	-2.197	-1384.209		1.602	-34.814
2944.340	102.271 77.106	-2.275	-1371.122		1.509	-33.984
2946.782	102.271 77.106	-2.358	-1384.209		1.416	-33.301
2946.782	102.271 77.106	-2.441	-1390.752		1.328	-31.787
2946.782	102.271 77.451	-2.520	-1390.752		1.235	-31.250
2946.782	102.271 77.451	-2.598	-1410.383		1.147	-30.371
2946.782	102.271 77.451	-2.676	-1390.752		1.060	-28.076
2946.782	102.271 77.451	-2.754	-1358.035		0.972	-25.928
2946.782	102.271 77.106	-2.832	-1391.399		0.889	-26.123
2946.782	102.271 77.451	-2.910	-1390.752		0.801	-23.096
2946.782	102.271 77.106	-2.983	-1397.296		0.718	-22.461
2946.782	102.271 77.106	-3.062	-1416.926		0.635	-19.775

2949.223	102.271 77.451	-3.140	-1403.839	0.547	-18.506
2949.223	102.271 77.106	-3.218	-1390.752	0.469	-18.555
2949.223	102.271 77.451	-3.301	-1404.486	0.425	-6.982
2949.223	102.271 77.106	-3.374	-1332.508	0.420	-8.252
2949.223	102.271 77.451	-3.452	-1017.775	0.420	-9.229
2951.665	102.271 77.451	-3.530	-795.298	0.420	-8.936
2961.430	102.271 77.106	-3.604	-730.510	0.420	-9.473
2973.637	102.271 77.451	-3.677	-697.793	0.420	-9.033
2988.286	102.271 77.106	-3.740	-684.706	0.420	-8.105
3000.493	102.271 77.106	-3.799	-678.163	0.420	-7.422
3010.258	102.271 77.451	-3.843	-678.810	0.415	-7.617
3012.700	102.271 77.106	-3.877	-659.179	0.415	-5.078
3015.141	102.271 77.451	-3.901	-554.484	0.415	-6.396
3015.141	102.271 77.451	-3.926	-554.484	0.415	-4.199
3017.582	102.271 77.451	-3.936	-541.397	0.415	-2.197
3015.141	102.271 77.451	-3.950	-547.940	0.415	-6.494
3012.700	102.271 77.451	-3.955	-547.940	0.420	-8.984
3010.258	102.271 77.451	-3.955	-561.674	0.415	-5.664
3007.817	102.271 77.106	-3.955	-555.131	0.415	-5.615
3005.375	102.271 77.451	-3.955	-541.397	0.415	-1.807
3002.934	102.271 77.106	-3.955	-541.397	0.425	-6.299
3000.493	102.271 77.106	-3.950	-534.854	0.420	-6.201
3000.493	102.616 76.762	-3.950	-528.310	0.488	0.488
2998.051	102.271 77.106	-3.950	-187.403	0.728	4.004
2988.286	102.271 77.796	-3.950	-95.795 0.879	16.553	
2968.754	102.271 77.796	-3.950	-30.360 1.045	21.338	
2944.340	102.271 77.796	-3.940	-10.730 1.260	19.482	
2922.368	102.271 77.796	-3.916	-10.730 1.445	23.779	
2907.719	102.271 77.796	-3.887	-17.273 1.592	29.688	
2897.954	102.271 77.451	-3.833	-3.539 1.709	39.355	
2895.512	102.271 77.451	-3.770	4.298 1.821	45.752	
2897.954	102.271 77.451	-3.691	19.326 1.934	51.416	
2902.836	102.271 77.106	-3.608	55.925 2.051	56.738	
2912.602	102.271 77.106	-3.521	102.303 2.158	58.350	
2922.368	102.271 77.106	-3.428	204.911 2.251	61.230	
2934.575	102.271 77.451	-3.330	385.967 2.344	63.721	
2944.340	102.271 77.106	-3.242	616.710 2.427	65.576	
2951.665	102.271 77.106	-3.159	889.301 2.505	66.602	
2956.547	102.271 77.106	-3.076	1148.158	2.588	68.066
2958.989	102.271 77.451	-3.003	1386.091	2.666	68.164
2961.430	102.271 77.451	-2.930	1587.424	2.744	69.092
2961.430	102.271 77.451	-2.861	1752.805	2.822	69.238
2958.989	102.271 77.451	-2.793	1860.662	2.900	68.115
2958.989	102.271 77.451	-2.729	1939.111	2.974	67.383
2956.547	102.271 77.451	-2.666	1961.329	3.042	68.359
2954.106	102.271 77.451	-2.598	1968.519	3.110	69.922
2954.106	102.271 77.451	-2.529	1954.139	3.179	69.971
2951.665	102.271 77.106	-2.466	1939.758	3.252	70.459
2954.106	102.271 77.106	-2.393	1918.186	3.315	72.119
2954.106	102.271 77.106	-2.324	1896.615	3.379	71.631
2954.106	102.271 77.451	-2.251	1875.690	3.442	71.582
2956.547	102.271 77.106	-2.183	1868.500	3.511	72.754
2956.547	102.271 77.106	-2.109	1861.956	3.574	73.779
2956.547	102.271 77.451	-2.036	1861.956	3.638	74.170

2958.989	102.271 77.451	-1.963	1869.147	3.706	73.486
2958.989	102.271 77.451	-1.895	1869.794	3.774	73.340
2958.989	102.271 77.451	-1.826	1876.984	3.833	72.852
2958.989	102.271 77.451	-1.758	1884.175	3.901	72.119
2958.989	102.271 77.451	-1.689	1884.822	3.965	71.484
2958.989	102.271 77.451	-1.621	1885.469	4.033	70.459
2958.989	102.271 77.451	-1.553	1878.925	4.092	70.654
2958.989	102.271 77.451	-1.484	1886.116	4.150	69.092
2958.989	102.271 77.106	-1.416	1879.572	4.209	67.871
2958.989	102.271 77.451	-1.348	1873.029	4.272	65.723
2958.989	102.271 77.451	-1.279	1873.029	4.326	64.746
2958.989	102.271 77.451	-1.211	1873.676	4.390	62.939
2958.989	102.271 77.106	-1.138	1860.589	4.448	61.035
2958.989	102.271 77.106	-1.069	1861.236	4.507	58.838
2958.989	102.271 77.106	-0.996	1861.883	4.565	57.129
2961.430	102.271 77.106	-0.928	1849.443	4.624	52.295
2961.430	102.616 77.451	-0.854	1836.356	4.634	7.324
2961.430	102.271 77.451	-0.786	1837.650	4.639	10.156
2961.430	102.271 77.106	-0.718	1825.210	4.639	9.717
2961.430	102.271 77.451	-0.645	1812.771	4.634	9.912
2961.430	102.616 77.451	-0.576	1786.597	4.639	9.326
2961.430	102.271 77.451	-0.513	1753.879	4.639	8.398
2963.872	102.616 77.451	-0.444	1666.226	4.639	4.785
2971.196	102.271 77.451	-0.381	1494.876	4.639	5.566
2983.403	102.616 77.451	-0.317	1271.898	4.639	8.008
2995.610	102.616 77.451	-0.259	999.233 4.639	11.621	
3005.375	102.271 77.451	-0.210	744.905 4.639	8.496	
3015.141	102.616 77.451	-0.171	561.261 4.639	3.076	
3022.465	102.616 77.106	-0.137	346.841 4.639	5.518	
3027.348	102.271 77.451	-0.112	201.090 4.639	7.520	
3027.348	102.271 77.451	-0.098	65.118 4.639	12.354	
3022.465	102.271 77.451	-0.088	-21.815 4.639	5.908	
3017.582	102.271 77.451	-0.083	-72.148 4.639	5.713	
3012.700	102.271 77.451	-0.083	-94.366 4.639	4.932	
3007.817	102.616 77.451	-0.083	-94.366 4.639	8.301	
3005.375	102.616 77.451	-0.093	-80.633 4.639	12.646	
3002.934	102.616 77.106	-0.093	-66.252 4.639	4.785	
3000.493	102.271 77.451	-0.098	-51.871 4.639	6.055	
3000.493	102.616 77.451	-0.098	-30.299 4.639	5.762	
3000.493	102.271 77.451	-0.103	-9.375 4.624	4.395	
3000.493	102.271 77.451	-0.103	-2.184 4.565	-0.928	
2998.051	102.616 76.417	-0.103	-74.162 4.370	-2.148	
2988.286	102.616 77.451	-0.098	-683.351	4.233	-6.201
2971.196	102.616 77.451	-0.103	-782.797	4.150	-20.312
2951.665	102.271 77.451	-0.107	-845.570	4.058	-26.514
2934.575	102.271 77.451	-0.122	-884.110	3.921	-26.025
2924.809	102.271 77.451	-0.151	-937.032	3.750	-27.246
2917.485	102.271 77.451	-0.190	-1069.122	3.652	-28.076
2917.485	102.616 77.451	-0.244	-1148.217	3.511	-27.637
2919.926	102.616 77.451	-0.312	-1207.035	3.452	-35.547
2927.250	102.271 77.451	-0.386	-1264.559	3.389	-39.941
2934.575	102.616 77.451	-0.469	-1307.702	3.320	-43.945
2941.899	102.616 77.451	-0.547	-1303.099	3.262	-48.047
2944.340	102.616 77.451	-0.635	-1337.758	3.188	-51.611

2949.223	102.271	77.451	-0.718	-1364.579	3.120	-53.760
2951.665	102.271	77.451	-0.801	-1364.579	3.052	-56.982
2954.106	102.616	77.451	-0.889	-1344.948	2.979	-58.545
2954.106	102.271	77.451	-0.972	-1350.845	2.910	-58.838
2954.106	102.271	77.451	-1.055	-1357.388	2.832	-58.691
2954.106	102.616	77.451	-1.133	-1343.654	2.759	-58.105
2951.665	102.271	77.451	-1.216	-1350.198	2.681	-57.080
2951.665	102.616	77.451	-1.299	-1337.111	2.598	-54.053
2951.665	102.271	77.451	-1.377	-1363.284	2.520	-52.539
2951.665	102.271	77.451	-1.460	-1363.284	2.437	-50.244
2949.223	102.271	77.451	-1.533	-1350.845	2.354	-48.828
2949.223	102.616	77.451	-1.611	-1324.671	2.271	-46.631
2949.223	102.616	77.451	-1.694	-1370.475	2.178	-44.287
2949.223	102.616	77.451	-1.772	-1351.492	2.085	-41.553
2949.223	102.271	77.451	-1.851	-1377.665	1.997	-38.916
2951.665	102.271	77.451	-1.929	-1358.035	1.909	-38.525
2951.665	102.616	77.451	-2.007	-1338.405	1.812	-37.695
2951.665	102.271	77.451	-2.090	-1371.122	1.724	-36.914
2951.665	102.271	77.451	-2.168	-1397.943	1.631	-35.986
2951.665	102.271	77.451	-2.251	-1377.665	1.538	-34.521
2954.106	102.616	77.451	-2.334	-1351.492	1.450	-33.838
2951.665	102.616	77.451	-2.412	-1371.122	1.353	-32.568
2951.665	102.271	77.451	-2.495	-1358.035	1.265	-31.836
2951.665	102.616	77.451	-2.573	-1390.752	1.177	-30.225
2951.665	102.616	77.451	-2.651	-1390.752	1.084	-29.541
2949.223	102.616	77.451	-2.729	-1371.122	1.001	-28.125
2951.665	102.616	77.451	-2.808	-1390.752	0.913	-26.855
2949.223	102.616	77.451	-2.886	-1358.035	0.830	-25.342
2949.223	102.616	77.451	-2.959	-1417.573	0.747	-22.412
2949.223	102.616	77.451	-3.042	-1397.296	0.659	-22.949
2949.223	102.616	77.451	-3.120	-1403.839	0.576	-20.605
2949.223	102.616	77.106	-3.193	-1371.122	0.488	-18.311
2949.223	102.616	77.106	-3.271	-1390.752	0.420	-0.342
2949.223	102.616	77.451	-3.350	-1397.296	0.425	-8.545
2949.223	102.616	77.451	-3.428	-1135.558	0.420	-8.105
2951.665	102.616	77.451	-3.506	-854.836	0.420	-7.861
2958.989	102.616	77.451	-3.584	-729.863	0.420	-9.131
2968.754	102.616	77.451	-3.657	-704.336	0.420	-8.838
2985.844	102.616	77.451	-3.726	-684.706	0.420	-10.205
3000.493	102.616	77.106	-3.779	-691.249	0.420	-7.861
3010.258	102.616	77.451	-3.828	-671.619	0.420	-2.979
3015.141	102.616	77.451	-3.867	-678.810	0.425	-2.148
3015.141	102.616	77.451	-3.896	-554.484	0.415	-4.053
3015.141	102.616	77.451	-3.921	-554.484	0.420	-6.055
3015.141	102.616	77.451	-3.936	-547.940	0.415	-7.861
3015.141	102.616	77.451	-3.945	-547.940	0.420	-5.078
3015.141	102.616	77.451	-3.950	-547.940	0.420	-2.197
3015.141	102.616	77.106	-3.955	-541.397	0.420	-7.422
3010.258	102.616	77.106	-3.955	-541.397	0.420	-5.225
3007.817	102.616	77.451	-3.955	-541.397	0.508	10.400
3002.934	102.616	77.451	-3.955	-161.876	0.747	11.670
2990.727	102.616	77.451	-3.955	-96.442	0.908	15.381
2966.313	102.616	77.451	-3.950	-70.268	1.084	23.584
2939.457	102.616	77.451	-3.936	-57.181	1.299	22.314

2917.485	102.616 77.451	-3.916	-37.551	1.484	25.830
2902.836	102.616 77.451	-3.877	-17.920	1.606	34.473
2893.071	102.616 77.451	-3.823	-10.730	1.724	43.262
2890.629	102.616 77.451	-3.760	-10.083	1.841	49.951
2893.071	102.616 77.451	-3.682	4.298	1.958	55.371
2900.395	102.616 77.451	-3.594	26.517	2.070	58.057
2910.161	102.616 77.451	-3.501	57.219	2.188	59.961
2919.926	102.616 77.451	-3.408	117.331	2.285	60.840
2932.133	102.616 77.451	-3.311	234.320	2.383	62.451
2944.340	102.616 77.451	-3.218	429.110	2.466	63.965
2951.665	102.616 77.451	-3.130	674.233	2.544	65.381
2958.989	102.616 77.451	-3.047	946.825	2.627	66.260
2963.872	102.616 77.451	-2.969	1205.682	2.705	66.406
2966.313	102.616 77.451	-2.896	1436.424	2.783	66.846
2966.313	102.616 77.451	-2.827	1637.110	2.861	66.602
2963.872	102.616 77.451	-2.764	1781.567	2.935	66.504
2961.430	102.616 77.451	-2.695	1889.424	3.008	66.650
2961.430	102.616 77.451	-2.627	1939.758	3.076	68.018
2958.989	102.616 77.451	-2.563	1968.519	3.145	69.189
2956.547	102.616 77.451	-2.495	1968.519	3.213	70.654
2956.547	102.616 77.451	-2.427	1947.595	3.276	71.094
2954.106	102.616 77.451	-2.363	1926.024	3.345	72.119
2954.106	102.616 77.451	-2.290	1904.452	3.408	72.900
2954.106	102.616 77.451	-2.217	1882.881	3.472	73.975
2954.106	102.616 77.451	-2.148	1868.500	3.540	73.584
2956.547	102.616 77.451	-2.075	1854.766	3.604	74.365
2956.547	102.616 77.451	-2.002	1854.766	3.667	73.535
2956.547	102.616 77.451	-1.929	1854.766	3.735	72.656
2956.547	102.616 77.451	-1.860	1855.413	3.804	72.363
2956.547	102.616 77.451	-1.792	1862.603	3.867	72.168
2956.547	102.616 77.451	-1.724	1863.250	3.936	71.045
2956.547	102.616 77.451	-1.655	1870.441	3.994	70.215
2956.547	102.616 77.451	-1.587	1871.088	4.058	69.678
2956.547	102.616 77.451	-1.519	1871.735	4.126	69.092
2956.547	102.616 77.451	-1.450	1865.191	4.185	67.432
2958.989	102.961 77.451	-1.387	1879.572	4.243	66.650
2958.989	102.616 77.451	-1.313	1873.029	4.302	66.064
2958.989	102.961 77.451	-1.245	1873.676	4.355	64.453
2958.989	102.616 77.451	-1.177	1867.780	4.419	63.037
2956.547	102.616 77.106	-1.104	1867.780	4.478	61.621
2956.547	102.616 77.451	-1.035	1868.427	4.536	60.205
2956.547	102.616 77.451	-0.967	1862.530	4.595	56.885
2956.547	102.616 77.451	-0.894	1855.987	4.634	19.385
2956.547	102.616 77.451	-0.825	1837.003	4.639	9.180
2958.989	102.616 77.451	-0.752	1823.916	4.639	9.521
2958.989	102.616 77.451	-0.684	1811.477	4.639	9.473
2956.547	102.961 77.451	-0.615	1792.493	4.639	9.912
2958.989	102.961 77.451	-0.542	1773.510	4.639	9.814
2961.430	102.961 77.451	-0.479	1727.059	4.639	6.592
2963.872	102.616 77.451	-0.410	1577.926	4.639	3.076
2973.637	102.961 77.451	-0.347	1385.004	4.644	8.203
2985.844	102.616 77.451	-0.288	1141.102	4.639	10.010
2998.051	102.961 77.451	-0.234	861.247	4.639	6.934
3007.817	102.961 77.451	-0.190	684.793	4.639	6.201

3017.582	102.961 77.451	-0.151	469.079 4.644	4.150	
3022.465	102.616 77.451	-0.122	288.670 4.639	5.859	
3022.465	102.961 77.451	-0.103	137.023 4.639	9.326	
3020.024	102.961 77.451	-0.088	29.166 4.639	9.326	
3017.582	102.961 77.451	-0.083	-49.930 4.639	6.348	
3012.700	102.616 77.451	-0.083	-86.529 4.639	5.713	
3007.817	102.961 77.451	-0.083	-100.910	4.639	6.836
3000.493	102.961 77.451	-0.088	-100.910	4.639	7.617
2998.051	102.271 77.451	-0.083	-79.986 4.639	11.963	
2998.051	102.616 76.417	-0.093	-65.605 4.639	5.176	
2995.610	102.616 76.762	-0.098	-44.033 4.624	5.078	
2995.610	102.616 75.383	-0.098	-23.109 4.541	-1.025	
2993.168	102.616 76.762	-0.103	-159.874	4.355	-3.613
2983.403	102.961 77.106	-0.103	-682.704	4.209	-10.156
2963.872	102.961 77.451	-0.107	-769.063	4.131	-22.949
2944.340	102.961 77.451	-0.112	-833.130	3.989	-23.926
2929.692	102.961 77.451	-0.132	-897.844	3.853	-25.732
2919.926	102.961 77.796	-0.161	-970.396	3.682	-26.025
2912.602	102.961 77.451	-0.200	-1089.399	3.550	-25.293
2915.043	102.961 77.451	-0.259	-1155.408	3.506	-34.326
2917.485	102.961 77.451	-0.327	-1207.682	3.438	-39.697
2922.368	102.961 77.451	-0.400	-1265.206	3.374	-45.068
2929.692	102.961 77.451	-0.479	-1327.332	3.311	-49.561
2937.016	102.961 77.451	-0.562	-1316.833	3.242	-53.027
2941.899	102.961 77.451	-0.645	-1357.388	3.179	-56.299
2946.782	102.961 77.451	-0.732	-1344.948	3.110	-59.521
2949.223	102.961 77.451	-0.815	-1358.035	3.042	-61.230
2951.665	102.616 77.451	-0.898	-1377.018	2.969	-63.672
2951.665	102.961 77.451	-0.981	-1350.845	2.896	-64.111
2951.665	102.616 77.451	-1.064	-1363.931	2.822	-62.939
2949.223	102.961 77.451	-1.147	-1356.741	2.744	-61.328
2949.223	102.961 77.451	-1.230	-1350.198	2.666	-60.059
2949.223	102.616 77.451	-1.309	-1343.654	2.583	-57.812
2946.782	102.961 77.451	-1.387	-1337.111	2.510	-55.811
2946.782	102.961 77.451	-1.465	-1350.845	2.422	-53.076
2946.782	102.961 77.451	-1.548	-1377.018	2.339	-50.684
2946.782	102.616 77.451	-1.626	-1363.931	2.251	-47.607
2946.782	102.961 77.451	-1.704	-1350.845	2.163	-44.580
2946.782	102.961 77.451	-1.782	-1351.492	2.075	-41.748
2946.782	102.961 77.451	-1.860	-1377.665	1.982	-40.088
2946.782	102.961 77.451	-1.943	-1371.122	1.895	-39.307
2946.782	102.961 77.451	-2.021	-1371.122	1.802	-38.770
2946.782	102.961 77.451	-2.100	-1371.122	1.709	-38.232
2949.223	102.961 77.451	-2.183	-1397.296	1.616	-37.158
2946.782	102.961 77.451	-2.266	-1390.752	1.523	-36.621
2946.782	102.961 77.451	-2.344	-1390.752	1.431	-35.791
2946.782	102.961 77.451	-2.427	-1371.122	1.343	-34.277
2949.223	102.961 77.451	-2.505	-1371.122	1.250	-33.252
2946.782	102.961 77.451	-2.588	-1358.035	1.162	-32.422
2946.782	102.961 77.451	-2.666	-1390.752	1.069	-30.225
2946.782	102.961 77.451	-2.744	-1371.122	0.986	-28.857
2946.782	102.961 77.451	-2.822	-1377.665	0.898	-27.148
2946.782	102.961 77.451	-2.896	-1397.296	0.815	-24.316
2944.340	102.961 77.451	-2.974	-1358.035	0.728	-22.461

2946.782	102.961	77.451	-3.052	-1384.209	0.645	-22.266
2946.782	102.961	77.451	-3.130	-1358.035	0.562	-20.020
2946.782	102.961	77.451	-3.208	-1384.209	0.479	-19.092
2946.782	102.961	77.451	-3.286	-1410.383	0.430	-7.324
2944.340	102.961	77.451	-3.359	-1331.861	0.425	-9.082
2944.340	102.961	77.451	-3.442	-1076.666	0.425	-8.887
2949.223	102.961	77.451	-3.521	-808.385	0.425	-9.717
2954.106	102.961	77.451	-3.599	-736.407	0.425	-8.398
2968.754	102.961	77.451	-3.667	-704.336	0.425	-7.227
2983.403	102.961	77.451	-3.730	-684.059	0.420	-8.936
2998.051	102.961	77.451	-3.789	-678.163	0.425	-7.178
3007.817	102.961	77.451	-3.838	-678.163	0.420	-9.717
3012.700	102.961	77.451	-3.872	-672.266	0.420	-4.785
3015.141	102.961	77.451	-3.901	-561.027	0.420	-3.076
3015.141	103.306	77.451	-3.921	-561.027	0.420	-4.395
3015.141	103.306	77.451	-3.936	-554.484	0.420	-6.152
3015.141	102.961	77.451	-3.950	-554.484	0.420	-9.082
3012.700	102.961	77.451	-3.950	-541.397	0.425	-7.227
3010.258	102.961	77.451	-3.955	-547.940	0.425	-3.564
3007.817	102.961	77.451	-3.955	-534.854	0.474	0.391
3002.934	102.961	77.451	-3.955	-214.224	0.708	5.273
2990.727	102.961	77.451	-3.955	-96.442	0.869	16.895
2966.313	103.306	77.451	-3.950	-70.268	1.025	24.707
2939.457	102.961	77.451	-3.940	-50.638	1.240	22.803
2917.485	102.961	77.451	-3.921	-50.638	1.431	24.023
2900.395	102.961	77.451	-3.887	-17.273	1.582	28.564
2893.071	103.306	77.451	-3.838	-10.730	1.699	37.598
2890.629	102.961	77.451	-3.774	-3.539	1.816	45.752
2893.071	102.961	77.451	-3.696	4.298	1.929	51.172
2900.395	102.961	77.451	-3.613	19.326	2.051	56.250
2907.719	102.961	77.451	-3.521	42.192	2.158	57.080
2917.485	102.961	77.451	-3.428	80.732	2.266	57.764
2927.250	103.306	77.451	-3.330	183.340	2.363	60.303
2937.016	102.961	77.451	-3.237	350.015	2.451	61.816
2946.782	102.961	77.451	-3.149	579.463	2.534	64.062
2954.106	102.961	77.451	-3.066	831.777	2.612	65.137
2956.547	102.961	77.451	-2.983	1091.281	2.690	66.260
2958.989	102.961	77.451	-2.910	1349.491	2.769	66.504
2961.430	102.961	77.451	-2.842	1558.015	2.847	66.553
2961.430	102.961	77.451	-2.769	1723.396	2.920	66.748
2958.989	102.961	77.451	-2.705	1845.634	2.993	66.895
2958.989	102.961	77.451	-2.642	1924.730	3.066	67.090
2956.547	102.961	77.451	-2.573	1960.682	3.135	68.945
2956.547	102.961	77.451	-2.505	1968.519	3.203	70.801
2956.547	102.961	77.451	-2.437	1961.329	3.271	70.508
2956.547	102.961	77.451	-2.368	1939.758	3.335	70.703
2954.106	103.306	77.451	-2.300	1918.186	3.398	71.582
2954.106	102.961	77.451	-2.227	1897.262	3.462	71.875
2956.547	102.961	77.451	-2.158	1875.690	3.530	71.826
2956.547	102.961	77.451	-2.085	1861.956	3.599	72.217
2956.547	103.306	77.451	-2.012	1847.575	3.662	72.021
2958.989	103.306	77.451	-1.943	1848.222	3.730	72.412
2958.989	102.961	77.451	-1.875	1841.679	3.789	71.289
2958.989	102.961	77.451	-1.802	1848.869	3.857	70.996

2958.989	103.306	77.451	-1.733	1863.250	3.921	71.338
2958.989	102.961	77.451	-1.665	1870.441	3.984	71.045
2958.989	103.306	77.451	-1.597	1871.088	4.053	69.971
2958.989	103.306	77.451	-1.528	1878.278	4.111	69.678
2961.430	103.306	77.451	-1.460	1878.925	4.180	68.213
2961.430	103.306	77.451	-1.392	1879.572	4.233	67.383
2961.430	103.306	77.451	-1.323	1880.219	4.292	66.357
2958.989	103.306	77.451	-1.255	1873.029	4.351	64.502
2958.989	103.306	77.451	-1.187	1867.133	4.409	62.158
2958.989	103.306	77.451	-1.113	1867.133	4.468	60.449
2958.989	103.306	77.451	-1.045	1861.236	4.526	59.375
2958.989	103.306	77.451	-0.972	1855.340	4.585	56.592
2958.989	102.961	77.451	-0.898	1842.253	4.634	29.346
2958.989	103.306	77.451	-0.830	1842.900	4.634	10.107
2958.989	103.306	77.451	-0.762	1823.916	4.634	10.059
2956.547	103.306	77.451	-0.693	1818.020	4.634	10.156
2958.989	102.961	77.451	-0.625	1799.684	4.634	8.789
2958.989	103.306	77.451	-0.557	1773.510	4.634	9.766
2958.989	103.306	77.451	-0.488	1733.602	4.634	6.348
2961.430	103.306	77.451	-0.420	1598.851	4.634	7.324
2968.754	103.306	77.451	-0.356	1405.929	4.634	11.133
2980.961	103.306	77.451	-0.298	1176.407	4.639	6.641
2993.168	103.306	77.451	-0.244	883.465	4.634	3.027
3005.375	103.306	77.451	-0.195	707.012	4.634	5.811
3015.141	103.306	77.451	-0.156	491.297	4.634	8.105
3020.024	103.306	77.451	-0.122	303.698	4.639	10.352
3022.465	103.306	77.451	-0.103	159.241	4.639	5.176
3020.024	102.271	77.451	-0.063	37.003	4.634	3.516
3015.141	102.271	77.451	-0.068	-35.549	4.634	6.152
3010.258	102.271	78.141	-0.078	-85.882	4.624	4.932
3005.375	102.271	79.520	-0.088	-93.719	4.556	-14.893
2998.051	102.616	79.520	-0.093	-250.762	4.351	-5.615
2983.403	102.616	79.520	-0.098	-773.592	4.219	-13.135
2961.430	102.961	79.175	-0.107	-833.130	4.131	-25.342
2939.457	103.306	78.485	-0.117	-842.262	3.979	-24.951
2922.368	103.306	78.141	-0.137	-905.682	3.784	-24.854
2912.602	103.306	77.796	-0.166	-977.587	3.647	-25.635
2905.278	103.306	77.451	-0.205	-1062.578	3.569	-31.348
2905.278	103.306	77.451	-0.264	-1128.587	3.501	-38.477
2907.719	103.306	77.451	-0.327	-1226.665	3.438	-44.043
2915.043	103.306	77.106	-0.405	-1263.912	3.374	-48.828
2924.809	103.306	77.106	-0.483	-1333.229	3.306	-53.564
2932.133	103.306	77.451	-0.562	-1348.904	3.242	-56.641
2937.016	103.306	77.451	-0.649	-1330.567	3.179	-59.863
2944.340	103.306	77.451	-0.732	-1344.301	3.105	-62.402
2946.782	103.306	77.451	-0.820	-1358.035	3.042	-64.258
2949.223	103.306	77.451	-0.903	-1338.405	2.964	-66.016
2949.223	103.306	77.451	-0.986	-1324.671	2.896	-65.381
2949.223	103.306	77.451	-1.069	-1318.127	2.822	-65.283
2949.223	103.306	77.451	-1.152	-1337.111	2.739	-63.232
2946.782	103.306	77.451	-1.235	-1376.371	2.666	-61.328
2946.782	103.306	77.451	-1.313	-1343.654	2.583	-59.375
2946.782	103.306	77.451	-1.392	-1363.284	2.505	-57.617
2944.340	103.306	77.451	-1.470	-1344.301	2.422	-55.566

2946.782	103.306	77.451	-1.553	-1363.931	2.334	-52.393
2946.782	103.306	77.451	-1.626	-1363.931	2.256	-49.609
2946.782	103.306	77.451	-1.709	-1363.931	2.163	-46.973
2946.782	103.306	77.451	-1.782	-1364.579	2.070	-43.945
2946.782	103.306	77.451	-1.865	-1358.035	1.978	-41.455
2946.782	103.306	77.451	-1.943	-1344.948	1.890	-41.699
2946.782	103.306	77.451	-2.021	-1377.665	1.797	-40.283
2946.782	103.306	77.451	-2.104	-1351.492	1.704	-40.234
2946.782	103.306	77.451	-2.188	-1377.665	1.611	-38.770
2946.782	103.306	77.451	-2.266	-1344.948	1.528	-38.232
2946.782	103.306	77.451	-2.349	-1397.296	1.426	-37.305
2946.782	103.306	77.451	-2.427	-1351.492	1.338	-35.693
2946.782	103.306	77.451	-2.510	-1371.122	1.250	-34.375
2944.340	103.306	77.451	-2.588	-1364.579	1.162	-33.203
2946.782	103.306	77.451	-2.671	-1397.943	1.069	-32.959
2946.782	103.306	77.451	-2.744	-1403.839	0.981	-30.371
2946.782	103.306	77.451	-2.822	-1377.665	0.898	-28.076
2946.782	103.306	77.451	-2.900	-1371.122	0.815	-25.830
2946.782	103.306	77.451	-2.979	-1358.035	0.728	-23.926
2946.782	103.306	77.451	-3.052	-1384.209	0.645	-23.779
2946.782	103.306	77.451	-3.130	-1377.665	0.557	-22.461
2946.782	103.306	77.451	-3.213	-1364.579	0.479	-19.775
2946.782	103.306	77.451	-3.286	-1371.122	0.430	-8.350
2946.782	103.650	77.451	-3.369	-1345.595	0.430	-8.838
2949.223	103.306	77.796	-3.447	-1057.036	0.425	-8.887
2951.665	103.650	77.451	-3.521	-808.385	0.425	-8.936
2958.989	103.650	77.451	-3.599	-716.776	0.425	-8.691
2973.637	103.650	77.451	-3.667	-710.880	0.425	-9.570
2988.286	103.650	77.451	-3.730	-691.249	0.425	-9.375
3000.493	103.650	77.451	-3.794	-678.163	0.425	-6.982
3010.258	103.650	77.451	-3.838	-665.076	0.420	-3.955
3012.700	103.650	77.451	-3.872	-665.723	0.420	-1.221
3015.141	103.650	77.451	-3.901	-547.940	0.420	-5.908
3017.582	103.650	77.451	-3.921	-561.027	0.425	-10.449
3015.141	103.650	77.451	-3.940	-554.484	0.420	-6.885
3015.141	103.650	77.796	-3.950	-541.397	0.420	-4.883
3012.700	103.650	77.796	-3.955	-548.587	0.420	-0.635
3010.258	103.650	77.451	-3.955	-541.397	0.420	-4.541
3007.817	103.650	77.796	-3.955	-541.397	0.425	-6.104
3002.934	103.650	77.796	-3.955	-541.397	0.508	14.111
2998.051	103.306	77.796	-3.955	-142.246	0.771	12.402
2983.403	103.650	77.796	-3.955	-83.355	0.942	19.775
2961.430	103.306	77.796	-3.950	-63.725	1.138	23.145
2937.016	103.650	77.796	-3.936	-50.638	1.367	21.143
2917.485	103.650	77.796	-3.916	-31.007	1.489	33.691
2902.836	103.650	77.796	-3.877	-10.730	1.606	41.553
2895.512	103.650	77.796	-3.828	-4.186	1.724	48.926
2895.512	103.650	77.796	-3.760	3.651	1.841	56.055
2897.954	103.650	77.451	-3.682	11.489	1.953	60.889
2905.278	103.650	77.451	-3.599	26.517	2.070	63.721
2915.043	103.650	77.451	-3.501	57.219	2.183	65.479
2924.809	103.650	77.451	-3.408	117.331	2.285	67.236
2934.575	103.306	77.796	-3.315	248.054	2.378	68.652
2944.340	103.650	77.451	-3.223	436.301	2.461	69.531

2951.665	103.650 77.451	-3.135	680.777 2.544	71.045	
2958.989	103.306 77.451	-3.052	946.825 2.622	72.168	
2961.430	103.306 77.451	-2.974	1205.682	2.705	73.096
2963.872	103.650 77.451	-2.900	1442.968	2.788	72.168
2963.872	103.650 77.796	-2.832	1637.110	2.856	72.119
2963.872	103.650 77.451	-2.764	1780.920	2.935	70.361
2961.430	103.650 77.451	-2.695	1875.043	3.003	71.143
2961.430	103.650 77.451	-2.632	1939.111	3.076	72.119
2958.989	103.650 77.796	-2.563	1954.139	3.145	72.461
2956.547	103.650 77.451	-2.500	1961.329	3.213	72.803
2956.547	103.650 77.451	-2.432	1946.948	3.276	73.096
2956.547	103.650 77.451	-2.363	1918.833	3.345	73.730
2954.106	103.650 77.796	-2.290	1904.452	3.408	74.316
2956.547	103.650 77.451	-2.222	1882.881	3.477	74.854
2954.106	103.650 77.451	-2.148	1861.956	3.535	74.805
2954.106	103.650 77.451	-2.075	1854.766	3.604	74.902
2956.547	103.650 77.451	-2.002	1854.766	3.672	74.951
2956.547	103.650 77.451	-1.934	1848.222	3.735	74.316
2954.106	103.650 77.451	-1.865	1855.413	3.804	74.365
2956.547	103.650 77.796	-1.792	1862.603	3.867	73.486
2956.547	103.650 77.451	-1.724	1863.250	3.931	73.242
2956.547	103.650 77.796	-1.655	1863.897	3.999	72.607
2958.989	103.650 77.451	-1.587	1871.088	4.058	71.289
2956.547	103.650 77.451	-1.519	1871.735	4.116	70.117
2956.547	103.650 77.451	-1.455	1872.382	4.180	69.629
2958.989	103.650 77.796	-1.387	1865.838	4.238	67.725
2958.989	103.650 77.451	-1.318	1873.029	4.297	65.967
2958.989	103.650 77.796	-1.245	1873.676	4.360	63.965
2958.989	103.650 77.796	-1.177	1867.133	4.419	62.842
2958.989	103.650 77.796	-1.104	1861.236	4.478	60.107
2958.989	103.650 77.451	-1.035	1854.693	4.536	57.959
2958.989	103.650 77.796	-0.962	1855.340	4.590	55.566
2958.989	103.650 77.796	-0.894	1849.443	4.639	21.729
2956.547	103.650 77.451	-0.820	1837.003	4.639	11.279
2958.989	103.995 77.796	-0.752	1824.563	4.639	10.547
2958.989	103.650 77.796	-0.684	1804.933	4.639	9.180
2958.989	103.650 77.451	-0.615	1793.140	4.639	10.107
2958.989	103.650 77.796	-0.547	1760.423	4.639	9.033
2961.430	103.995 77.796	-0.479	1700.885	4.639	6.104
2966.313	103.995 77.796	-0.415	1572.030	4.639	3.125
2976.079	103.650 77.796	-0.347	1366.021	4.639	7.471
2985.844	103.650 77.451	-0.288	1116.222	4.639	10.059
2998.051	103.650 77.796	-0.234	855.997 4.639	7.666	
3010.258	103.650 77.796	-0.190	679.544 4.644	7.031	
3020.024	103.650 77.451	-0.146	471.020 4.639	4.053	
3024.907	103.650 77.451	-0.117	290.611 4.639	6.299	
3024.907	102.616 77.451	-0.083	139.611 4.644	8.545	
3024.907	102.961 78.485	-0.083	31.107 4.629	10.352	
3020.024	103.306 78.830	-0.083	-40.798 4.580	0.049	
3012.700	103.650 78.830	-0.088	-116.658	4.390	-2.588
3002.934	103.650 78.830	-0.088	-740.875	4.233	-14.551
2978.520	103.995 78.485	-0.098	-806.956	4.160	-24.707
2954.106	103.995 78.485	-0.107	-855.349	4.014	-24.805
2934.575	103.995 78.141	-0.122	-918.769	3.853	-25.439

2919.926	103.995 77.796	-0.151	-937.679	3.687	-25.537
2912.602	103.995 77.451	-0.195	-1042.301	3.584	-26.807
2912.602	103.995 77.451	-0.249	-1101.119	3.525	-36.621
2915.043	103.995 77.451	-0.312	-1198.550	3.452	-42.871
2922.368	103.995 77.451	-0.381	-1223.357	3.389	-48.340
2927.250	103.650 77.451	-0.464	-1292.674	3.325	-52.002
2934.575	103.650 77.451	-0.547	-1314.892	3.262	-56.055
2941.899	103.650 77.451	-0.630	-1329.920	3.193	-59.473
2946.782	103.650 77.451	-0.713	-1370.475	3.125	-62.256
2949.223	103.650 77.451	-0.796	-1363.931	3.052	-64.062
2951.665	103.650 77.796	-0.884	-1344.301	2.988	-65.527
2951.665	103.650 77.796	-0.967	-1350.845	2.910	-66.162
2951.665	103.995 77.796	-1.050	-1344.301	2.837	-65.479
2951.665	103.995 77.796	-1.133	-1337.758	2.759	-64.111
2951.665	103.995 77.796	-1.211	-1337.758	2.681	-62.256
2951.665	103.995 77.796	-1.294	-1350.198	2.603	-60.645
2949.223	103.650 77.796	-1.372	-1350.198	2.524	-57.520
2949.223	103.995 77.796	-1.450	-1350.845	2.441	-55.225
2949.223	103.995 77.796	-1.533	-1331.214	2.358	-52.197
2949.223	103.995 77.796	-1.611	-1383.562	2.266	-49.609
2949.223	103.995 77.796	-1.689	-1350.845	2.183	-47.412
2949.223	103.995 77.796	-1.768	-1370.475	2.090	-44.775
2951.665	103.995 77.451	-1.846	-1371.122	1.997	-42.139
2951.665	103.995 77.796	-1.924	-1371.122	1.909	-41.455
2951.665	103.995 77.796	-2.002	-1384.209	1.816	-40.820
2951.665	103.995 77.796	-2.085	-1390.752	1.724	-40.332
2951.665	103.995 77.796	-2.168	-1364.579	1.631	-39.697
2951.665	103.995 77.796	-2.246	-1377.665	1.538	-39.111
2951.665	103.995 77.451	-2.329	-1384.209	1.445	-37.695
2951.665	103.995 77.796	-2.412	-1397.943	1.357	-36.816
2951.665	103.995 77.451	-2.490	-1351.492	1.265	-34.766
2949.223	103.995 77.796	-2.573	-1397.943	1.177	-33.643
2949.223	103.995 77.796	-2.651	-1358.035	1.089	-32.764
2949.223	103.995 77.796	-2.725	-1390.752	1.001	-29.883
2949.223	103.995 77.796	-2.808	-1384.209	0.913	-29.297
2949.223	103.995 77.796	-2.881	-1377.665	0.830	-26.025
2949.223	103.995 77.796	-2.959	-1344.948	0.747	-24.854
2949.223	103.995 77.796	-3.037	-1364.579	0.659	-23.438
2949.223	103.995 77.796	-3.115	-1384.209	0.571	-22.412
2951.665	103.995 77.796	-3.193	-1384.209	0.488	-20.264
2951.665	103.995 77.451	-3.271	-1358.035	0.420	-0.195
2951.665	103.995 77.796	-3.350	-1377.665	0.420	-8.740
2951.665	103.995 77.796	-3.428	-1135.558	0.425	-9.717
2954.106	103.995 77.796	-3.506	-841.102	0.420	-8.447
2961.430	103.995 77.451	-3.584	-736.407	0.425	-9.717
2973.637	103.995 77.451	-3.652	-703.689	0.420	-9.570
2988.286	103.995 77.796	-3.721	-697.793	0.420	-9.131
3002.934	103.995 77.451	-3.779	-684.706	0.420	-8.936
3012.700	103.995 77.796	-3.828	-678.163	0.420	-2.148
3017.582	103.995 77.796	-3.867	-672.266	0.420	-5.713
3020.024	103.995 77.796	-3.896	-561.027	0.420	-9.082
3020.024	103.995 77.451	-3.921	-547.940	0.420	-6.006
3020.024	103.995 77.796	-3.936	-547.940	0.420	-4.395
3020.024	103.995 77.796	-3.945	-554.484	0.420	-2.197

3020.024	103.995	77.796	-3.950	-547.940	0.420	-8.838
3015.141	103.995	77.796	-3.955	-541.397	0.420	-9.570
3012.700	103.995	77.796	-3.955	-541.397	0.420	-6.592
3010.258	104.340	77.106	-3.955	-534.854	0.420	-4.541
3005.375	103.995	77.451	-3.955	-534.854	0.420	-1.709
3002.934	103.995	77.451	-3.955	-534.854	0.420	-4.297
3000.493	103.995	77.796	-3.950	-514.576	0.469	0.293
3000.493	103.995	77.451	-3.950	-174.316	0.742	6.152
2990.727	103.995	77.451	-3.950	-82.708	0.918	15.527
2971.196	103.995	77.796	-3.945	-30.360	1.094	24.805
2946.782	103.995	77.451	-3.940	-10.730	1.323	21.777
2927.250	103.995	77.796	-3.921	-10.730	1.470	28.613
2912.602	103.995	77.796	-3.887	3.004	1.587	39.453
2902.836	103.995	77.796	-3.838	-3.539	1.704	47.461
2900.395	103.995	77.796	-3.774	10.842	1.821	54.102
2902.836	103.995	77.796	-3.696	25.869	1.934	59.863
2910.161	103.995	77.796	-3.613	48.735	2.046	65.283
2917.485	103.995	77.796	-3.521	94.466	2.158	67.480
2927.250	103.995	77.796	-3.428	183.340	2.256	68.506
2937.016	103.995	77.796	-3.335	363.749	2.344	71.289
2949.223	103.995	77.796	-3.242	580.757	2.432	72.217
2956.547	103.995	77.796	-3.159	846.158	2.510	73.779
2961.430	103.995	77.796	-3.076	1112.206	2.593	74.902
2966.313	103.995	77.796	-3.003	1350.138	2.671	74.463
2968.754	103.995	77.796	-2.930	1558.662	2.749	73.926
2968.754	103.995	77.796	-2.861	1724.043	2.827	73.340
2968.754	103.995	77.796	-2.793	1839.091	2.900	71.729
2966.313	103.995	77.796	-2.729	1924.730	2.974	70.752
2963.872	103.995	77.796	-2.661	1954.139	3.047	71.631
2961.430	103.995	77.796	-2.593	1961.329	3.115	72.754
2961.430	103.995	77.796	-2.529	1954.139	3.184	73.096
2958.989	103.995	77.796	-2.461	1932.567	3.252	73.340
2958.989	103.995	77.796	-2.393	1910.996	3.315	74.219
2958.989	103.995	77.796	-2.319	1896.615	3.379	74.463
2961.430	103.995	77.796	-2.246	1868.500	3.447	75.391
2961.430	103.995	77.796	-2.178	1854.766	3.511	75.684
2961.430	103.995	77.796	-2.104	1854.766	3.579	75.000
2963.872	103.995	77.796	-2.031	1847.575	3.643	75.244
2961.430	103.995	77.796	-1.963	1854.766	3.711	74.658
2963.872	103.995	77.796	-1.890	1861.956	3.774	74.854
2963.872	104.340	77.451	-1.821	1856.060	3.838	74.463
2963.872	103.995	77.451	-1.753	1870.441	3.906	73.486
2963.872	104.340	77.451	-1.685	1863.897	3.970	71.875
2963.872	103.995	77.796	-1.616	1871.088	4.033	71.924
2963.872	103.995	77.796	-1.548	1878.278	4.097	69.922
2963.872	104.340	77.796	-1.479	1872.382	4.160	69.287
2963.872	103.995	77.796	-1.411	1865.838	4.219	67.725
2963.872	104.340	77.796	-1.343	1866.486	4.277	65.918
2963.872	103.995	77.796	-1.274	1867.133	4.336	64.209
2963.872	103.995	77.796	-1.206	1860.589	4.399	62.305
2963.872	103.995	77.796	-1.133	1854.046	4.453	61.182
2961.430	104.340	77.796	-1.064	1854.693	4.512	59.766
2961.430	104.340	77.796	-0.991	1855.340	4.570	57.861
2963.872	103.995	77.796	-0.918	1849.443	4.629	50.586

2961.430	104.340 77.796	-0.850	1836.356	4.639	10.938
2961.430	104.340 77.796	-0.781	1837.650	4.639	9.863
2961.430	104.340 77.796	-0.708	1825.210	4.639	10.742
2961.430	104.340 77.796	-0.640	1806.227	4.644	9.766
2961.430	104.340 77.796	-0.571	1780.700	4.639	8.984
2961.430	104.340 77.796	-0.503	1741.440	4.639	12.549
2966.313	104.340 77.796	-0.439	1627.613	4.639	7.422
2973.637	104.340 77.796	-0.371	1443.175	4.639	2.686
2988.286	104.340 77.451	-0.312	1220.844	4.639	6.689
2998.051	104.340 77.796	-0.254	922.653 4.639	6.836	
3010.258	104.340 77.106	-0.205	753.390 4.639	10.840	
3020.024	104.340 77.451	-0.161	537.675 4.629	6.006	
3027.348	104.340 77.451	-0.132	356.619 4.575	0.244	
3029.790	104.340 77.796	-0.107	158.521 4.390	-3.418	
3020.024	104.340 77.796	-0.093	-534.292	4.204	-12.012
2998.051	103.995 77.796	-0.083	-733.757	4.170	-15.430
2973.637	104.340 77.796	-0.088	-820.690	4.082	-19.727
2951.665	104.340 77.796	-0.107	-920.710	3.975	-24.561
2934.575	104.340 77.796	-0.137	-1006.996	3.848	-24.951
2922.368	104.340 77.796	-0.181	-1099.825	3.726	-25.879
2919.926	104.340 77.796	-0.239	-1152.099	3.574	-26.416
2919.926	104.340 77.796	-0.308	-1209.623	3.447	-27.246
2924.809	104.340 77.796	-0.381	-1246.222	3.394	-31.738
2929.692	104.340 77.796	-0.464	-1307.702	3.325	-36.768
2939.457	104.340 77.796	-0.547	-1310.290	3.262	-41.357
2944.340	104.340 77.796	-0.630	-1350.198	3.193	-46.045
2949.223	104.340 77.796	-0.718	-1344.301	3.125	-49.463
2954.106	104.340 77.796	-0.801	-1357.388	3.062	-52.100
2956.547	104.340 77.796	-0.884	-1317.480	2.988	-54.443
2956.547	104.340 77.796	-0.967	-1330.567	2.915	-56.152
2956.547	104.340 77.796	-1.050	-1310.937	2.842	-55.273
2954.106	104.340 77.796	-1.133	-1343.654	2.764	-54.248
2954.106	104.340 77.796	-1.211	-1337.111	2.686	-53.662
2951.665	104.340 77.796	-1.294	-1350.845	2.603	-52.881
2951.665	104.340 77.796	-1.372	-1324.024	2.524	-50.781
2951.665	104.340 77.796	-1.455	-1370.475	2.441	-48.193
2954.106	104.340 77.796	-1.533	-1337.758	2.358	-45.801
2954.106	104.340 77.796	-1.611	-1364.579	2.271	-43.408
2954.106	104.340 77.796	-1.689	-1377.665	2.183	-41.309
2954.106	104.340 77.796	-1.768	-1358.682	2.090	-38.281
2951.665	104.340 77.796	-1.846	-1371.122	2.002	-36.279
2951.665	104.340 77.796	-1.929	-1371.122	1.909	-36.084
2951.665	104.340 77.796	-2.007	-1364.579	1.816	-35.449
2951.665	104.340 77.796	-2.085	-1371.122	1.724	-35.693
2954.106	104.340 77.796	-2.168	-1377.665	1.636	-35.010
2951.665	104.340 77.796	-2.251	-1364.579	1.543	-34.521
2951.665	104.340 77.796	-2.329	-1371.122	1.450	-33.838
2951.665	104.340 77.796	-2.412	-1404.486	1.357	-32.812
2951.665	104.340 77.796	-2.495	-1358.035	1.270	-30.566
2951.665	104.340 77.796	-2.573	-1364.579	1.177	-29.541
2954.106	104.340 77.796	-2.651	-1390.752	1.089	-27.393
2951.665	104.340 77.796	-2.729	-1384.209	1.001	-26.270
2954.106	104.340 77.796	-2.808	-1378.312	0.918	-24.707
2954.106	104.340 77.796	-2.886	-1410.383	0.830	-23.633

2954.106	104.340	77.796	-2.964	-1378.312	0.742	-21.875
2954.106	104.340	77.796	-3.037	-1384.209	0.659	-20.215
2954.106	104.340	77.796	-3.115	-1384.209	0.576	-18.359
2954.106	104.340	77.796	-3.198	-1384.209	0.493	-18.799
2954.106	104.340	77.796	-3.271	-1397.296	0.430	-8.447
2954.106	104.340	77.796	-3.350	-1371.122	0.430	-8.545
2954.106	104.340	77.796	-3.433	-1122.471	0.430	-8.203
2954.106	104.340	77.796	-3.506	-848.292	0.430	-9.082
2961.430	104.340	77.796	-3.584	-743.597	0.430	-8.789
2973.637	104.340	77.796	-3.657	-710.880	0.425	-8.740
2990.727	104.340	77.796	-3.726	-690.602	0.430	-10.693
3002.934	104.340	77.796	-3.779	-678.163	0.425	-4.639
3012.700	104.340	77.796	-3.828	-671.619	0.425	-8.105
3017.582	104.685	77.796	-3.867	-665.723	0.425	-8.984
3017.582	104.340	77.796	-3.896	-554.484	0.425	-8.203
3020.024	104.340	77.796	-3.921	-547.940	0.425	-2.246
3020.024	104.340	77.796	-3.936	-554.484	0.425	-3.564
3020.024	104.340	77.796	-3.950	-547.940	0.420	-5.469
3017.582	104.685	77.796	-3.950	-547.940	0.425	-8.789
3015.141	104.340	77.796	-3.960	-541.397	0.425	-6.055
3012.700	104.685	77.451	-3.960	-547.940	0.425	-3.369
3010.258	104.685	77.796	-3.955	-528.310	0.479	0.293
3005.375	104.685	77.796	-3.955	-181.507	0.723	6.885
2995.610	104.340	77.796	-3.955	-89.898	0.884	14.648
2973.637	104.685	77.796	-3.950	-63.725	1.045	23.486
2946.782	104.685	77.796	-3.940	-50.638	1.260	20.801
2924.809	104.340	77.796	-3.921	-37.551	1.450	23.975
2910.161	104.685	77.796	-3.887	-10.730	1.587	31.494
2902.836	104.685	77.796	-3.833	-10.730	1.704	40.381
2900.395	104.340	77.796	-3.770	-3.539	1.821	46.973
2902.836	104.685	77.796	-3.696	4.945	1.938	52.686
2907.719	104.340	77.796	-3.608	26.517	2.051	57.275
2915.043	104.340	77.796	-3.521	50.029	2.163	57.324
2924.809	104.340	77.796	-3.423	102.950	2.266	60.791
2934.575	104.685	77.796	-3.330	219.939	2.363	61.572
2946.782	104.340	77.796	-3.237	407.539	2.446	63.867
2954.106	104.685	77.796	-3.149	644.824	2.529	64.990
2961.430	104.340	77.796	-3.062	904.329	2.612	66.064
2963.872	104.340	77.796	-2.983	1176.920	2.690	67.041
2966.313	104.340	77.796	-2.910	1414.206	2.769	67.480
2966.313	104.685	77.796	-2.842	1608.996	2.847	67.529
2966.313	104.685	77.796	-2.773	1759.349	2.920	67.188
2963.872	104.340	77.796	-2.705	1867.206	2.993	66.797
2963.872	104.685	77.796	-2.642	1925.377	3.062	68.164
2961.430	104.685	77.796	-2.578	1960.682	3.130	69.531
2958.989	104.340	77.796	-2.510	1960.682	3.203	69.922
2958.989	104.685	77.796	-2.441	1946.301	3.267	70.166
2956.547	104.685	77.796	-2.373	1925.377	3.335	70.410
2958.989	104.685	77.796	-2.300	1897.262	3.398	71.680
2958.989	104.685	77.796	-2.231	1889.424	3.462	72.070
2958.989	104.685	77.796	-2.158	1868.500	3.530	72.363
2958.989	104.685	77.796	-2.085	1854.766	3.594	73.047
2958.989	104.685	77.796	-2.017	1841.032	3.662	72.656
2958.989	104.685	77.796	-1.943	1841.032	3.726	72.705

2958.989	104.685	77.796	-1.875	1848.222	3.794	72.900
2958.989	104.685	77.796	-1.802	1848.869	3.857	72.021
2958.989	104.685	77.796	-1.733	1849.516	3.921	71.875
2958.989	104.340	77.796	-1.665	1856.707	3.984	71.680
2958.989	104.685	77.796	-1.597	1863.897	4.053	71.826
2958.989	104.685	77.796	-1.528	1871.088	4.111	69.287
2958.989	104.340	77.796	-1.460	1871.735	4.175	68.555
2958.989	104.685	77.796	-1.392	1865.191	4.233	67.432
2958.989	104.685	77.796	-1.323	1865.838	4.292	65.967
2958.989	104.685	77.796	-1.255	1859.295	4.351	64.648
2961.430	104.685	77.796	-1.187	1867.133	4.409	62.305
2958.989	104.685	77.796	-1.113	1860.589	4.468	60.938
2958.989	104.685	77.796	-1.040	1861.236	4.526	59.082
2958.989	104.685	77.796	-0.972	1841.606	4.585	56.494
2958.989	104.685	77.796	-0.898	1842.253	4.639	28.711
2958.989	104.685	77.796	-0.830	1836.356	4.639	9.424
2958.989	104.685	77.796	-0.762	1810.830	4.639	8.887
2958.989	104.685	77.796	-0.693	1798.390	4.639	9.912
2958.989	104.685	77.796	-0.620	1779.406	4.639	9.424
2961.430	104.685	77.796	-0.552	1753.879	4.639	8.789
2963.872	104.685	77.796	-0.483	1708.075	4.639	6.055
2968.754	104.685	77.796	-0.420	1553.047	4.639	9.717
2976.079	104.685	77.796	-0.356	1367.962	4.639	10.938
2988.286	104.685	77.796	-0.293	1118.163	4.639	4.443
3000.493	104.685	77.796	-0.239	845.499	4.639	4.395
3012.700	104.685	77.796	-0.190	689.322	4.639	6.250
3022.465	104.685	77.796	-0.151	467.712	4.639	9.180
3027.348	104.685	77.796	-0.122	307.580	4.639	11.768
3027.348	104.685	77.796	-0.103	156.580	4.639	4.346
3024.907	104.685	77.796	-0.088	40.885	4.639	6.201
3020.024	104.685	77.796	-0.083	-31.019	4.644	4.932
3015.141	104.685	77.796	-0.083	-67.619	4.639	10.938
3007.817	104.685	77.796	-0.083	-82.647	4.639	12.207
3005.375	104.685	77.796	-0.088	-76.103	4.639	5.713
3002.934	103.995	77.796	-0.063	-68.266	3.711	4.639
3002.934	103.995	77.106	-0.078	-54.532	4.639	4.150
3000.493	103.995	78.485	-0.093	-26.417	4.624	5.469
3002.934	104.340	79.175	-0.103	-18.580	4.546	-12.988
3002.934	104.685	79.520	-0.107	-233.867	4.336	-5.762
2990.727	104.685	79.520	-0.107	-672.278	4.209	-14.502
2973.637	104.685	79.520	-0.112	-720.024	4.106	-25.879
2951.665	104.685	78.830	-0.117	-784.091	3.950	-24.414
2934.575	104.685	78.485	-0.132	-882.169	3.799	-25.977
2922.368	104.685	78.141	-0.161	-942.928	3.618	-27.100
2917.485	104.685	77.796	-0.205	-1049.491	3.569	-34.229
2917.485	104.685	77.451	-0.259	-1129.234	3.506	-43.311
2919.926	104.685	77.796	-0.327	-1181.508	3.438	-47.852
2924.809	104.685	77.451	-0.400	-1265.206	3.369	-52.490
2929.692	104.685	77.451	-0.479	-1301.805	3.306	-56.641
2937.016	104.685	77.796	-0.562	-1330.567	3.242	-59.180
2941.899	104.685	77.796	-0.649	-1338.405	3.174	-61.719
2944.340	104.685	77.796	-0.732	-1371.122	3.105	-64.502
2946.782	104.685	77.796	-0.820	-1345.595	3.037	-65.479
2949.223	104.685	77.796	-0.903	-1351.492	2.964	-65.820

2949.223	104.685	77.796	-0.986	-1344.301	2.896	-66.357
2949.223	104.685	77.796	-1.069	-1363.931	2.817	-65.723
2949.223	104.685	77.796	-1.152	-1337.111	2.739	-63.818
2949.223	104.685	77.796	-1.230	-1330.567	2.661	-61.230
2946.782	104.685	78.141	-1.313	-1350.845	2.583	-60.010
2946.782	104.685	77.796	-1.396	-1337.111	2.505	-57.861
2946.782	104.685	78.141	-1.470	-1337.758	2.422	-55.713
2946.782	104.685	77.796	-1.548	-1363.931	2.334	-53.076
2946.782	104.685	77.796	-1.631	-1344.301	2.246	-50.293
2946.782	104.685	77.796	-1.704	-1364.579	2.158	-47.949
2946.782	104.685	77.796	-1.787	-1351.492	2.065	-44.922
2946.782	104.685	77.796	-1.865	-1351.492	1.973	-43.359
2946.782	104.685	77.796	-1.943	-1390.752	1.885	-42.383
2946.782	104.685	77.796	-2.026	-1338.405	1.797	-41.504
2946.782	104.685	77.796	-2.104	-1365.226	1.704	-40.576
2949.223	104.685	77.796	-2.188	-1351.492	1.611	-39.697
2946.782	104.685	77.796	-2.266	-1364.579	1.519	-37.988
2949.223	104.685	77.796	-2.349	-1364.579	1.426	-36.865
2946.782	104.685	77.796	-2.432	-1358.035	1.333	-35.498
2949.223	104.685	77.796	-2.510	-1344.948	1.245	-34.082
2946.782	104.685	77.796	-2.588	-1384.209	1.157	-33.203
2946.782	104.685	77.796	-2.671	-1384.209	1.064	-31.006
2946.782	104.685	77.796	-2.749	-1371.122	0.981	-29.102
2944.340	104.685	77.796	-2.827	-1371.122	0.894	-27.734
2944.340	104.685	77.796	-2.900	-1364.579	0.811	-27.686
2944.340	104.685	77.796	-2.979	-1377.665	0.723	-26.367
2946.782	104.685	77.796	-3.057	-1364.579	0.640	-24.365
2944.340	104.685	77.796	-3.135	-1378.312	0.557	-22.900
2946.782	104.685	77.796	-3.213	-1377.665	0.469	-20.264
2946.782	105.029	77.796	-3.291	-1377.665	0.430	-8.203
2946.782	104.685	77.796	-3.369	-1344.948	0.430	-8.105
2949.223	104.685	77.796	-3.447	-1017.775	0.425	-8.691
2949.223	104.685	77.796	-3.525	-808.385	0.430	-7.959
2956.547	104.685	77.796	-3.604	-737.054	0.425	-8.643
2971.196	104.685	77.796	-3.672	-710.880	0.425	-9.180
2988.286	104.685	77.796	-3.740	-697.793	0.425	-10.059
3002.934	104.685	77.796	-3.794	-678.163	0.425	-6.738
3010.258	104.685	77.796	-3.838	-678.163	0.425	-5.176
3015.141	104.685	77.796	-3.877	-587.201	0.425	-1.416
3015.141	105.029	77.796	-3.906	-554.484	0.425	-7.568
3017.582	104.685	77.796	-3.926	-554.484	0.425	-9.375
3017.582	105.029	77.796	-3.940	-547.940	0.425	-5.957
3017.582	105.029	77.796	-3.950	-554.484	0.425	-4.785
3015.141	104.685	77.796	-3.955	-547.940	0.425	-1.367
3012.700	105.029	77.796	-3.955	-541.397	0.425	-6.396
3007.817	104.685	77.796	-3.955	-541.397	0.425	-8.789
3002.934	105.029	77.796	-3.955	-534.854	0.425	-5.908
3000.493	104.685	77.796	-3.955	-541.397	0.425	-5.371
2998.051	104.685	77.796	-3.950	-521.767	0.488	0.391
2995.610	104.685	77.796	-3.950	-174.316	0.728	5.908
2985.844	105.029	77.796	-3.950	-82.708	0.884	19.629
2966.313	105.029	77.796	-3.950	-49.991	1.045	26.367
2941.899	104.685	77.796	-3.940	-17.273	1.260	23.193
2919.926	105.029	77.796	-3.921	-10.730	1.450	25.244

2907.719	105.029	77.796	-3.887	-10.730	1.582	32.422
2897.954	105.029	77.796	-3.838	-3.539	1.694	42.090
2895.512	105.029	77.796	-3.774	-2.892	1.816	48.096
2897.954	104.685	77.796	-3.701	18.679	1.929	53.711
2905.278	105.029	77.796	-3.618	41.544	2.041	58.398
2912.602	104.685	77.796	-3.525	79.438	2.153	60.449
2922.368	105.029	77.796	-3.433	154.578	2.251	61.084
2934.575	105.029	77.796	-3.340	313.415	2.344	63.721
2944.340	104.685	77.796	-3.247	529.777	2.427	64.990
2954.106	104.685	77.796	-3.164	788.634	2.510	66.113
2958.989	104.685	77.796	-3.081	1054.682	2.593	67.139
2963.872	104.685	77.796	-3.003	1306.348	2.671	68.066
2966.313	105.029	77.796	-2.930	1522.063	2.749	66.797
2966.313	104.685	77.796	-2.861	1694.634	2.827	67.236
2966.313	104.685	77.796	-2.793	1824.063	2.905	67.236
2963.872	105.029	77.796	-2.729	1903.158	2.974	66.650
2961.430	105.029	77.796	-2.661	1946.301	3.047	68.311
2958.989	104.685	77.796	-2.598	1954.139	3.115	69.580
2956.547	104.685	77.796	-2.529	1946.948	3.188	70.264
2956.547	105.029	77.796	-2.461	1932.567	3.252	71.436
2956.547	105.029	77.796	-2.393	1904.452	3.315	72.168
2956.547	105.029	77.796	-2.319	1882.881	3.379	73.047
2956.547	104.685	77.796	-2.251	1868.500	3.447	72.363
2956.547	105.029	77.796	-2.178	1847.575	3.511	73.535
2956.547	105.029	77.796	-2.104	1847.575	3.574	74.072
2956.547	104.685	77.796	-2.036	1847.575	3.643	74.023
2956.547	105.029	77.796	-1.963	1847.575	3.711	73.291
2958.989	105.029	78.141	-1.895	1848.222	3.774	71.240
2958.989	105.029	78.141	-1.821	1855.413	3.843	71.680
2956.547	105.029	77.796	-1.753	1856.060	3.906	71.338
2956.547	105.029	77.796	-1.689	1856.707	3.970	70.410
2956.547	105.029	77.796	-1.616	1863.250	4.033	70.361
2956.547	105.029	78.141	-1.548	1863.897	4.097	69.971
2956.547	105.029	77.796	-1.479	1864.544	4.155	68.848
2956.547	105.029	77.796	-1.411	1865.191	4.214	66.992
2956.547	105.029	77.796	-1.343	1865.838	4.272	66.504
2956.547	105.029	77.796	-1.274	1859.295	4.336	65.625
2956.547	104.685	78.141	-1.206	1853.399	4.395	64.111
2958.989	105.029	77.796	-1.138	1846.855	4.453	62.256
2958.989	105.029	77.796	-1.064	1847.502	4.512	60.889
2958.989	105.029	77.796	-0.991	1848.149	4.570	58.545
2958.989	105.029	77.796	-0.923	1828.519	4.624	50.439
2958.989	105.029	78.141	-0.850	1822.622	4.634	13.330
2958.989	105.029	78.141	-0.781	1810.182	4.639	9.766
2961.430	105.029	78.141	-0.708	1797.743	4.639	9.570
2958.989	105.029	78.141	-0.640	1778.759	4.639	10.010
2958.989	105.029	77.796	-0.571	1760.423	4.634	9.570
2958.989	105.029	77.796	-0.503	1721.162	4.639	3.369
2961.430	105.029	78.141	-0.439	1607.335	4.639	6.494
2968.754	105.029	78.141	-0.376	1417.648	4.639	11.377
2980.961	105.029	77.796	-0.312	1176.981	4.639	6.201
2993.168	105.029	78.141	-0.254	925.888	4.639	3.027
3005.375	105.029	78.141	-0.200	776.902	4.639	5.713
3017.582	105.029	77.796	-0.161	555.291	4.639	8.154

3024.907	105.029	78.141	-0.127	374.235	4.639	10.352
3027.348	105.029	77.796	-0.103	201.664	4.639	4.590
3027.348	105.029	78.141	-0.093	85.322	4.639	3.760
3022.465	105.029	78.141	-0.083	-8.154	4.639	6.006
3017.582	105.029	77.796	-0.078	-59.134	4.639	8.789
3010.258	105.029	72.970	-0.078	-87.896	4.639	10.938
3005.375	105.029	76.417	-0.083	-88.543	4.629	8.936
3002.934	105.029	77.796	-0.088	-74.162	4.575	-0.537
3000.493	104.685	78.830	-0.098	-138.303		4.375 -4.492
2990.727	105.029	79.520	-0.098	-661.132		4.238 -16.846
2968.754	105.029	79.520	-0.103	-766.475		4.141 -26.318
2949.223	105.029	79.520	-0.112	-782.797		3.984 -26.611
2932.133	105.029	79.175	-0.127	-827.881		3.828 -26.270
2919.926	105.029	78.830	-0.156	-906.976		3.647 -26.367
2915.043	105.029	78.485	-0.200	-1013.539		3.579 -33.252
2912.602	105.029	78.141	-0.249	-1120.102		3.511 -40.625
2917.485	105.029	77.796	-0.317	-1186.111		3.447 -46.484
2922.368	105.029	77.796	-0.391	-1244.281		3.384 -51.367
2929.692	105.029	77.796	-0.469	-1307.702		3.315 -55.078
2937.016	105.029	77.796	-0.552	-1343.007		3.252 -58.887
2944.340	105.029	77.796	-0.635	-1371.122		3.184 -61.182
2949.223	105.029	77.796	-0.718	-1371.769		3.120 -63.281
2951.665	105.029	77.796	-0.806	-1358.682		3.052 -65.479
2954.106	105.029	78.141	-0.889	-1358.682		2.979 -65.918
2954.106	105.029	78.141	-0.972	-1351.492		2.905 -66.992
2954.106	105.029	78.141	-1.055	-1344.301		2.832 -65.430
2954.106	105.029	77.796	-1.138	-1343.654		2.754 -64.551
2951.665	105.029	78.141	-1.221	-1343.654		2.676 -63.135
2951.665	105.029	78.141	-1.299	-1344.301		2.593 -60.791
2951.665	105.029	78.141	-1.382	-1344.301		2.515 -58.545
2951.665	105.029	78.141	-1.460	-1324.671		2.432 -56.934
2949.223	105.029	78.141	-1.538	-1363.931		2.349 -54.150
2949.223	105.029	77.796	-1.616	-1350.845		2.261 -51.416
2949.223	105.029	78.141	-1.694	-1364.579		2.173 -48.389
2951.665	105.029	78.141	-1.772	-1364.579		2.080 -44.775
2949.223	105.029	78.141	-1.851	-1377.665		1.992 -42.432
2949.223	105.029	77.796	-1.934	-1351.492		1.899 -41.553
2949.223	105.029	78.141	-2.012	-1384.209		1.807 -40.527
2949.223	105.029	78.141	-2.090	-1351.492		1.719 -40.283
2949.223	105.029	77.796	-2.173	-1364.579		1.621 -39.941
2951.665	105.029	78.141	-2.256	-1358.035		1.533 -38.037
2949.223	105.029	78.141	-2.334	-1358.682		1.440 -37.500
2949.223	105.374	78.141	-2.417	-1371.769		1.353 -36.523
2949.223	105.029	78.141	-2.500	-1384.856		1.260 -35.596
2951.665	105.029	78.141	-2.578	-1377.665		1.167 -34.717
2949.223	105.029	78.141	-2.656	-1377.665		1.079 -32.959
2951.665	105.029	78.141	-2.734	-1377.665		0.996 -30.908
2949.223	105.029	78.141	-2.812	-1384.209		0.908 -27.441
2949.223	105.029	77.796	-2.891	-1377.665		0.820 -28.564
2949.223	105.374	78.141	-2.969	-1404.486		0.737 -25.684
2949.223	105.029	78.141	-3.047	-1377.665		0.654 -24.463
2949.223	105.029	78.141	-3.120	-1403.839		0.566 -21.729
2949.223	105.029	78.141	-3.203	-1397.296		0.483 -19.971
2949.223	105.374	78.141	-3.276	-1397.296		0.425 -7.373

2949.223	105.374	78.141	-3.359	-1364.579	0.430	-8.301
2949.223	105.029	78.141	-3.438	-1090.400	0.425	-8.740
2951.665	105.029	78.141	-3.511	-828.662	0.425	-9.277
2958.989	105.029	77.796	-3.589	-736.407	0.420	-9.180
2971.196	105.029	78.141	-3.662	-697.146	0.425	-9.473
2985.844	105.374	78.141	-3.726	-704.336	0.420	-8.789
3000.493	105.374	77.796	-3.784	-684.706	0.420	-5.518
3010.258	105.029	78.141	-3.833	-678.163	0.420	-5.225
3015.141	105.029	78.141	-3.872	-672.266	0.425	-10.010
3017.582	105.029	78.141	-3.901	-554.484	0.420	-6.250
3020.024	105.029	78.141	-3.921	-561.027	0.420	-5.176
3020.024	105.374	78.141	-3.936	-547.940	0.420	-1.172
3020.024	105.374	78.141	-3.945	-554.484	0.425	-8.350
3020.024	105.374	78.141	-3.955	-554.484	0.420	-9.473
3015.141	105.029	78.141	-3.955	-547.940	0.420	-6.348
3012.700	105.374	78.141	-3.955	-541.397	0.420	-4.199
3010.258	105.029	78.141	-3.955	-534.854	0.425	-2.246
3005.375	105.374	78.141	-3.950	-528.310	0.420	-6.445
3002.934	105.374	78.141	-3.950	-534.854	0.439	-5.273
3000.493	105.374	77.796	-3.950	-390.250	0.615	11.182
2993.168	105.374	78.141	-3.950	-102.338	0.825	14.209
2976.079	105.374	78.141	-3.950	-56.534	0.986	17.041
2954.106	105.374	78.141	-3.945	-17.273	1.201	23.047
2929.692	105.374	78.141	-3.926	-10.730	1.401	22.803
2915.043	105.029	78.141	-3.901	3.004	1.543	32.031
2902.836	105.374	78.141	-3.857	-3.539	1.655	40.918
2897.954	105.029	78.141	-3.804	-2.892	1.772	47.998
2897.954	105.029	78.141	-3.730	11.489	1.890	53.564
2902.836	105.029	78.141	-3.647	33.707	2.002	58.057
2912.602	105.374	78.141	-3.560	64.410	2.114	61.572
2922.368	105.029	78.141	-3.462	125.169	2.217	63.770
2934.575	105.374	78.141	-3.374	263.082	2.310	65.430
2944.340	105.374	78.141	-3.276	458.519	2.402	66.504
2954.106	105.374	78.141	-3.188	710.186	2.480	68.799
2961.430	105.029	78.141	-3.110	982.777	2.559	70.215
2963.872	105.374	78.141	-3.027	1241.634	2.642	70.215
2966.313	105.029	78.141	-2.954	1471.729	2.725	71.826
2966.313	105.029	78.141	-2.886	1644.948	2.798	71.533
2966.313	105.029	78.141	-2.817	1788.758	2.871	70.312
2963.872	105.029	78.141	-2.754	1895.321	2.944	69.141
2961.430	105.029	78.141	-2.686	1939.111	3.018	70.020
2961.430	105.029	78.141	-2.622	1960.682	3.091	71.582
2958.989	105.029	78.141	-2.554	1954.139	3.159	72.607
2958.989	105.374	78.141	-2.485	1939.758	3.228	72.070
2956.547	105.374	78.141	-2.417	1918.186	3.291	72.510
2956.547	105.374	78.141	-2.349	1896.615	3.359	72.949
2956.547	105.374	78.141	-2.275	1875.043	3.423	73.730
2956.547	105.374	78.141	-2.202	1861.309	3.486	73.242
2958.989	105.374	78.141	-2.134	1847.575	3.550	74.072
2956.547	105.029	78.141	-2.061	1840.385	3.618	73.633
2956.547	105.374	78.141	-1.992	1840.385	3.687	73.584
2956.547	105.374	78.141	-1.919	1841.032	3.750	73.096
2958.989	105.029	78.141	-1.851	1848.222	3.813	73.242
2958.989	105.374	78.141	-1.777	1848.869	3.882	72.705

2958.989	105.374	78.141	-1.709	1849.516	3.945	71.680
2956.547	105.374	78.141	-1.641	1856.707	4.009	70.801
2958.989	105.374	78.141	-1.572	1857.354	4.072	71.826
2958.989	105.374	78.141	-1.509	1858.001	4.136	69.531
2958.989	105.374	78.141	-1.436	1858.001	4.194	68.555
2958.989	105.374	78.141	-1.367	1858.648	4.253	67.334
2958.989	105.374	78.141	-1.299	1859.295	4.312	65.576
2958.989	105.374	78.141	-1.230	1859.942	4.375	64.062
2958.989	105.374	78.141	-1.162	1853.399	4.429	61.621
2958.989	105.374	78.141	-1.094	1854.046	4.487	60.742
2958.989	105.374	78.141	-1.021	1840.959	4.551	58.398
2958.989	105.374	78.141	-0.947	1848.149	4.609	54.980
2958.989	105.374	78.141	-0.874	1829.166	4.639	6.445
2958.989	105.374	78.141	-0.806	1823.269	4.639	11.084
2958.989	105.374	78.141	-0.737	1797.743	4.639	11.377
2958.989	105.374	78.141	-0.669	1792.493	4.639	10.596
2958.989	105.374	78.141	-0.596	1766.966	4.639	9.473
2958.989	105.374	78.141	-0.532	1721.162	4.639	5.664
2961.430	105.374	78.141	-0.464	1634.803	4.639	8.105
2966.313	105.374	78.141	-0.396	1479.775	4.639	2.686
2976.079	105.374	78.141	-0.332	1267.222	4.639	6.201
2988.286	105.374	78.141	-0.273	984.706	4.639	6.738
3002.934	105.374	78.141	-0.220	836.367	4.639	10.547
3015.141	105.374	78.141	-0.176	621.300	4.644	6.543
3024.907	105.374	78.141	-0.137	439.597	4.639	3.369
3027.348	105.374	78.141	-0.107	267.025	4.639	6.006
3024.907	105.374	78.141	-0.093	122.569	4.639	8.203
3022.465	105.374	78.141	-0.083	34.989	4.639	11.328
3015.141	105.374	76.072	-0.078	-43.459	4.639	5.273
3010.258	105.374	77.796	-0.083	-72.868	4.634	3.271
3005.375	105.374	78.141	-0.083	-87.249	4.604	0.879
3000.493	105.374	77.796	-0.088	-106.233	4.448	-5.225
2993.168	105.374	78.141	-0.093	-570.171	4.272	-3.955
2973.637	105.374	78.141	-0.098	-707.584	4.180	-15.869
2951.665	105.374	78.141	-0.107	-769.063	4.072	-25.586
2932.133	105.374	78.485	-0.122	-819.396	3.926	-24.561
2919.926	105.374	78.141	-0.146	-891.948	3.784	-25.928
2912.602	105.374	78.141	-0.186	-972.337	3.647	-26.709
2910.161	105.374	78.141	-0.239	-1078.900	3.530	-28.369
2912.602	105.374	78.141	-0.298	-1138.365	3.467	-35.010
2917.485	105.374	78.141	-0.371	-1210.270	3.398	-42.871
2924.809	105.374	78.141	-0.449	-1293.321	3.335	-47.559
2932.133	105.029	78.141	-0.532	-1322.730	3.271	-51.709
2937.016	105.374	78.141	-0.615	-1344.301	3.203	-54.834
2941.899	105.374	78.141	-0.698	-1345.595	3.140	-58.105
2944.340	105.374	78.141	-0.781	-1345.595	3.066	-60.352
2946.782	105.374	78.141	-0.864	-1358.682	2.998	-62.158
2946.782	105.374	78.141	-0.952	-1351.492	2.925	-62.109
2946.782	105.374	78.141	-1.035	-1358.035	2.847	-63.037
2946.782	105.374	78.141	-1.118	-1337.758	2.773	-61.475
2949.223	105.374	78.141	-1.201	-1357.388	2.695	-59.668
2946.782	105.374	78.141	-1.279	-1330.567	2.617	-57.959
2946.782	105.374	78.141	-1.357	-1350.198	2.539	-56.104
2946.782	105.374	78.141	-1.436	-1324.671	2.456	-54.004

2946.782	105.374	78.141	-1.514	-1331.214	2.373	-51.367
2944.340	105.374	78.141	-1.597	-1337.758	2.285	-48.682
2944.340	105.374	78.141	-1.675	-1337.758	2.202	-46.338
2946.782	105.374	78.141	-1.753	-1364.579	2.109	-42.627
2946.782	105.374	78.141	-1.831	-1344.948	2.017	-40.430
2944.340	105.374	78.141	-1.909	-1344.948	1.924	-39.746
2946.782	105.374	78.141	-1.987	-1358.035	1.836	-40.088
2946.782	105.374	78.141	-2.070	-1358.035	1.743	-39.258
2946.782	105.374	78.141	-2.153	-1390.752	1.650	-38.867
2946.782	105.374	78.141	-2.231	-1378.312	1.558	-37.939
2946.782	105.374	78.141	-2.314	-1377.665	1.470	-36.670
2946.782	105.374	78.141	-2.397	-1384.209	1.377	-35.254
2949.223	105.374	78.141	-2.476	-1364.579	1.284	-33.789
2949.223	105.374	78.141	-2.554	-1371.122	1.191	-32.764
2949.223	105.374	78.141	-2.637	-1384.856	1.108	-31.494
2946.782	105.374	78.141	-2.715	-1364.579	1.016	-29.199
2946.782	105.374	78.141	-2.793	-1390.752	0.933	-27.783
2946.782	105.374	78.141	-2.871	-1364.579	0.845	-24.854
2946.782	105.374	78.141	-2.944	-1364.579	0.767	-23.877
2946.782	105.374	78.141	-3.022	-1377.665	0.679	-23.730
2944.340	105.374	78.141	-3.101	-1371.122	0.591	-22.266
2946.782	105.374	78.141	-3.179	-1371.122	0.508	-19.775
2946.782	105.374	78.141	-3.257	-1377.665	0.430	-16.699
2946.782	105.374	78.141	-3.335	-1384.209	0.430	-8.008
2946.782	105.374	78.141	-3.418	-1200.992	0.425	-8.691
2949.223	105.374	78.141	-3.491	-893.450	0.425	-8.105
2954.106	105.374	78.141	-3.569	-749.494	0.425	-11.182
2963.872	105.374	78.141	-3.643	-710.880	0.425	-7.568
2978.520	105.374	78.141	-3.711	-697.793	0.425	-8.203
2993.168	105.374	78.141	-3.770	-691.249	0.425	-3.174
3005.375	105.374	78.141	-3.823	-684.706	0.425	-9.326
3012.700	105.374	78.141	-3.862	-671.619	0.420	-6.250
3015.141	105.374	78.141	-3.892	-547.940	0.420	-2.344
3017.582	105.374	78.141	-3.916	-554.484	0.420	-1.465
3017.582	105.374	78.141	-3.936	-561.027	0.420	-4.688
3017.582	105.374	78.141	-3.945	-554.484	0.425	-9.082
3017.582	105.374	78.141	-3.955	-547.940	0.420	-5.420
3012.700	105.374	78.141	-3.955	-547.940	0.420	-4.102
3010.258	105.719	78.141	-3.950	-541.397	0.420	-1.123
3005.375	105.374	78.141	-3.955	-534.854	0.425	-5.566
3002.934	105.374	78.141	-3.955	-534.854	0.483	0.537
2998.051	105.374	78.141	-3.955	-148.790	0.742	5.225
2985.844	105.374	78.141	-3.955	-76.164	0.903	21.387
2966.313	105.374	78.141	-3.950	-49.991	1.069	21.826
2941.899	105.374	78.141	-3.940	-44.094	1.294	21.240
2919.926	105.719	78.141	-3.921	-10.730	1.479	23.389
2905.278	105.374	78.141	-3.882	-4.186	1.597	34.521
2897.954	105.374	78.141	-3.833	3.004	1.714	42.383
2893.071	105.719	78.141	-3.765	3.651	1.831	49.072
2897.954	105.719	78.141	-3.691	11.489	1.943	55.029
2902.836	105.374	78.141	-3.604	27.164	2.056	59.619
2912.602	105.374	78.141	-3.511	71.600	2.173	60.840
2922.368	105.374	78.141	-3.418	132.359	2.271	63.428
2934.575	105.374	78.141	-3.325	270.273	2.363	64.941

2944.340	105.374 78.141	-3.232	479.443 2.451	66.797	
2951.665	105.374 78.141	-3.145	717.376 2.534	67.822	
2958.989	105.374 78.141	-3.062	989.967 2.612	68.311	
2963.872	105.374 78.141	-2.983	1248.825	2.690	69.287
2963.872	105.374 78.141	-2.910	1478.920	2.769	70.068
2966.313	105.374 78.141	-2.842	1658.682	2.847	68.701
2963.872	105.374 78.141	-2.773	1788.758	2.920	68.018
2961.430	105.374 78.141	-2.710	1888.777	2.993	67.480
2961.430	105.374 78.141	-2.642	1939.111	3.066	68.311
2958.989	105.374 78.141	-2.578	1960.682	3.135	69.873
2958.989	105.374 78.141	-2.510	1946.948	3.203	70.703
2956.547	105.374 78.141	-2.441	1932.567	3.271	71.973
2956.547	105.374 78.141	-2.373	1910.996	3.335	71.777
2956.547	105.374 78.141	-2.300	1882.881	3.403	72.266
2956.547	105.374 78.141	-2.231	1868.500	3.462	72.852
2956.547	105.719 78.141	-2.158	1854.119	3.530	73.438
2956.547	105.719 78.141	-2.085	1854.119	3.594	74.170
2956.547	105.719 78.141	-2.012	1841.032	3.662	73.682
2958.989	105.374 78.141	-1.943	1841.032	3.730	74.072
2958.989	105.374 78.141	-1.875	1834.488	3.794	74.268
2956.547	105.374 78.141	-1.802	1848.869	3.857	73.340
2956.547	105.719 78.141	-1.733	1856.060	3.926	71.484
2956.547	105.374 78.141	-1.665	1856.707	3.984	71.924
2956.547	105.719 78.141	-1.597	1857.354	4.053	71.387
2958.989	105.719 78.141	-1.528	1864.544	4.116	69.531
2956.547	105.719 78.141	-1.460	1858.001	4.175	68.652
2958.989	105.719 78.141	-1.392	1865.838	4.233	66.553
2956.547	105.374 78.141	-1.323	1859.295	4.292	65.039
2956.547	105.719 78.141	-1.255	1859.295	4.351	63.770
2956.547	105.719 78.141	-1.182	1859.942	4.409	62.402
2956.547	105.719 78.141	-1.113	1846.855	4.468	60.791
2956.547	105.374 78.141	-1.040	1847.502	4.531	58.838
2956.547	105.374 78.141	-0.972	1841.606	4.590	57.227
2956.547	105.719 78.141	-0.898	1828.519	4.639	25.195
2958.989	105.719 78.141	-0.830	1823.269	4.639	9.619
2958.989	105.374 78.141	-0.757	1810.830	4.639	9.717
2958.989	105.719 78.141	-0.688	1798.390	4.634	8.252
2958.989	105.719 78.141	-0.620	1772.863	4.639	8.740
2956.547	105.719 78.141	-0.552	1734.249	4.639	8.838
2958.989	105.374 78.141	-0.483	1668.815	4.639	9.424
2963.872	105.374 78.141	-0.420	1520.976	4.639	4.932
2971.196	105.719 78.141	-0.352	1323.452	4.639	5.176
2983.403	105.719 78.141	-0.293	1055.964	4.639	5.615
2995.610	105.374 78.141	-0.234	869.011 4.639	10.547	
3010.258	105.719 78.141	-0.190	687.308 4.639	9.521	
3020.024	105.719 78.141	-0.146	485.975 4.639	6.982	
3024.907	105.719 78.141	-0.117	318.653 4.639	7.080	
3027.348	105.719 78.141	-0.098	160.462 4.639	7.373	
3022.465	105.719 78.141	-0.088	51.958 4.639	8.838	
3020.024	105.029 76.417	-0.059	-20.594 4.639	10.547	
3012.700	105.029 78.141	-0.073	-63.737 4.634	7.520	
3007.817	105.029 78.830	-0.083	-78.765 4.604	3.711	
3002.934	105.029 79.175	-0.088	-104.939	4.463	-3.369
2993.168	105.029 79.175	-0.098	-601.594	4.297	-17.139

2976.079	105.374	79.175	-0.103	-667.029	4.199	-20.166
2954.106	105.374	78.830	-0.112	-754.682	4.102	-22.461
2934.575	105.719	78.830	-0.122	-805.015	3.989	-25.928
2919.926	105.719	78.485	-0.146	-857.937	3.853	-25.244
2912.602	105.719	78.141	-0.181	-963.853	3.721	-27.100
2912.602	105.719	78.141	-0.234	-1057.329	3.564	-27.246
2912.602	105.719	78.141	-0.293	-1137.071	3.472	-28.125
2917.485	105.719	78.141	-0.361	-1222.710	3.408	-35.254
2924.809	105.719	78.141	-0.439	-1266.500	3.340	-41.260
2932.133	105.719	78.141	-0.518	-1341.713	3.281	-45.508
2939.457	105.719	78.141	-0.605	-1311.584	3.213	-48.926
2944.340	105.719	78.141	-0.688	-1371.769	3.140	-52.148
2949.223	105.719	78.141	-0.771	-1371.769	3.076	-54.932
2951.665	105.719	78.141	-0.859	-1352.139	3.008	-56.982
2951.665	105.719	78.141	-0.942	-1351.492	2.935	-58.643
2954.106	105.719	78.141	-1.025	-1344.948	2.861	-58.252
2951.665	105.719	78.141	-1.108	-1370.475	2.783	-57.373
2951.665	105.719	78.141	-1.191	-1331.214	2.710	-55.029
2949.223	105.719	78.141	-1.270	-1318.127	2.627	-53.564
2949.223	105.719	78.141	-1.353	-1357.388	2.549	-52.148
2946.782	105.719	78.141	-1.431	-1344.301	2.466	-49.902
2946.782	105.719	78.141	-1.509	-1350.845	2.383	-48.096
2946.782	105.719	78.141	-1.587	-1350.845	2.300	-45.752
2946.782	105.719	78.141	-1.665	-1370.475	2.212	-43.506
2946.782	105.374	78.141	-1.743	-1377.665	2.119	-41.064
2946.782	105.719	78.141	-1.821	-1344.948	2.026	-38.525
2946.782	105.719	78.141	-1.899	-1358.035	1.934	-38.037
2949.223	105.719	78.141	-1.978	-1339.052	1.846	-37.646
2949.223	105.719	78.141	-2.061	-1358.035	1.753	-37.207
2949.223	105.719	78.141	-2.139	-1384.209	1.660	-36.279
2949.223	105.719	78.141	-2.222	-1364.579	1.572	-35.254
2949.223	105.719	78.141	-2.305	-1378.312	1.479	-33.936
2949.223	105.719	78.141	-2.383	-1364.579	1.387	-32.959
2949.223	105.719	78.141	-2.466	-1371.122	1.294	-31.348
2949.223	105.719	78.485	-2.549	-1358.035	1.206	-29.834
2949.223	105.719	78.141	-2.627	-1390.752	1.113	-27.881
2949.223	105.719	78.141	-2.705	-1384.209	1.025	-27.051
2949.223	105.719	78.141	-2.783	-1371.122	0.942	-26.270
2949.223	105.719	78.141	-2.861	-1384.209	0.859	-23.584
2949.223	105.719	78.141	-2.935	-1378.312	0.771	-23.926
2949.223	105.719	78.141	-3.013	-1384.209	0.684	-22.852
2949.223	105.719	78.141	-3.091	-1404.486	0.601	-22.314
2949.223	105.719	78.141	-3.174	-1378.312	0.518	-21.191
2949.223	105.719	78.141	-3.247	-1384.856	0.435	-15.576
2949.223	105.719	78.141	-3.325	-1397.296	0.430	-8.691
2951.665	105.719	78.141	-3.408	-1220.622	0.430	-8.838
2951.665	105.719	78.141	-3.481	-919.623	0.425	-8.350
2954.106	105.719	78.141	-3.560	-756.037	0.425	-8.447
2966.313	105.719	78.141	-3.633	-717.423	0.420	-8.301
2980.961	105.719	78.141	-3.701	-710.880	0.425	-12.744
2995.610	105.719	78.141	-3.765	-684.706	0.420	-6.543
3005.375	105.719	78.141	-3.813	-684.706	0.425	-3.955
3012.700	105.719	78.141	-3.857	-665.076	0.425	-9.229
3017.582	105.719	78.141	-3.892	-547.293	0.420	-5.176

3017.582	105.719	78.141	-3.916	-561.027	0.420	-3.809
3020.024	105.719	78.141	-3.931	-547.940	0.420	-2.246
3022.465	106.063	78.141	-3.945	-554.484	0.420	-5.322
3020.024	105.719	78.141	-3.950	-554.484	0.425	-10.059
3017.582	105.719	78.141	-3.955	-554.484	0.420	-7.471
3012.700	105.719	78.141	-3.955	-547.940	0.420	-5.615
3010.258	105.719	78.141	-3.955	-541.397	0.435	-1.025
3005.375	105.719	78.141	-3.955	-390.897	0.620	9.473
2998.051	105.719	78.485	-3.955	-109.529	0.820	14.600
2978.520	105.719	78.485	-3.950	-56.534	0.981	16.699
2951.665	105.719	78.485	-3.940	-50.638	1.187	23.145
2929.692	105.719	78.141	-3.926	-44.094	1.396	23.193
2912.602	105.719	78.141	-3.901	-10.730	1.543	25.488
2900.395	105.719	78.141	-3.857	-10.730	1.660	39.600
2895.512	105.719	78.485	-3.799	-3.539	1.777	45.996
2897.954	105.719	78.141	-3.726	4.298	1.895	52.246
2902.836	105.719	78.141	-3.643	12.136	2.012	56.299
2910.161	105.719	78.485	-3.555	42.192	2.119	59.766
2919.926	105.719	78.141	-3.457	87.275	2.231	61.426
2932.133	105.719	78.141	-3.364	176.149	2.329	63.086
2941.899	105.719	78.485	-3.271	342.177	2.422	65.137
2949.223	105.719	78.141	-3.179	565.729	2.500	66.406
2956.547	105.719	78.485	-3.096	824.586	2.578	68.066
2963.872	106.063	78.141	-3.013	1090.634	2.656	68.018
2966.313	105.719	78.141	-2.939	1342.301	2.739	67.480
2966.313	105.719	78.141	-2.871	1550.825	2.817	67.480
2966.313	105.719	78.485	-2.798	1716.206	2.896	66.943
2963.872	105.719	78.141	-2.734	1824.710	2.964	67.236
2961.430	105.719	78.141	-2.666	1910.349	3.037	67.480
2958.989	105.719	78.141	-2.603	1939.758	3.105	68.262
2958.989	105.719	78.141	-2.539	1960.682	3.174	70.020
2956.547	105.719	78.141	-2.471	1939.758	3.242	70.312
2956.547	105.719	78.141	-2.397	1925.377	3.311	71.436
2954.106	105.719	78.141	-2.329	1897.262	3.374	73.096
2954.106	105.719	78.141	-2.256	1875.690	3.438	73.340
2956.547	105.719	78.141	-2.188	1868.500	3.506	73.779
2956.547	105.719	78.141	-2.114	1847.575	3.569	74.561
2956.547	105.719	78.141	-2.041	1840.385	3.638	73.975
2956.547	105.719	78.141	-1.973	1840.385	3.701	73.193
2956.547	105.719	78.141	-1.899	1847.575	3.765	73.975
2958.989	105.719	78.141	-1.831	1848.222	3.833	73.096
2958.989	105.719	78.141	-1.763	1848.869	3.896	71.533
2958.989	105.719	78.141	-1.694	1849.516	3.965	71.484
2958.989	105.719	78.141	-1.621	1850.163	4.028	69.824
2958.989	105.719	78.141	-1.553	1857.354	4.092	69.141
2958.989	105.719	78.141	-1.484	1864.544	4.155	67.920
2958.989	105.719	78.141	-1.421	1858.648	4.214	66.504
2958.989	106.063	78.141	-1.353	1852.105	4.272	65.576
2956.547	105.719	78.141	-1.279	1859.295	4.331	64.746
2958.989	105.719	78.141	-1.211	1846.208	4.390	63.379
2958.989	105.719	78.141	-1.143	1846.855	4.448	61.475
2958.989	105.719	78.141	-1.069	1847.502	4.507	60.889
2958.989	105.719	78.141	-0.996	1840.959	4.565	58.252
2958.989	105.719	78.141	-0.928	1821.975	4.624	54.932

2958.989	105.719	78.141	-0.854	1816.079	4.639	5.029
2958.989	105.719	78.141	-0.786	1810.182	4.639	8.984
2956.547	105.719	78.141	-0.718	1791.199	4.639	10.986
2956.547	105.719	78.141	-0.645	1779.406	4.644	9.766
2958.989	106.063	78.141	-0.581	1747.336	4.639	9.473
2958.989	106.063	78.141	-0.513	1688.445	4.639	5.469
2961.430	106.063	78.141	-0.444	1588.352	4.639	9.424
2968.754	105.719	78.485	-0.381	1392.769	4.644	10.596
2978.520	105.719	78.141	-0.317	1159.292	4.639	6.592
2990.727	106.753	78.141	0.483	915.389	4.644	5.469
3002.934	105.719	78.141	-0.195	780.137	4.639	4.834
3015.141	105.719	79.520	-0.156	558.527	4.624	4.248
3022.465	106.063	79.520	-0.127	377.471	4.561	-3.662
3022.465	105.719	80.209	-0.107	81.220	4.360	-2.490
3010.258	105.719	79.864	-0.098	-487.267	4.219	-10.889
2985.844	105.719	79.520	-0.093	-628.488	4.136	-20.166
2958.989	105.719	79.520	-0.098	-769.710	4.009	-24.512
2937.016	105.719	78.830	-0.112	-851.393	3.853	-23.730
2919.926	105.719	78.485	-0.142	-985.424	3.716	-27.002
2907.719	105.719	78.485	-0.190	-1065.814	3.574	-27.197
2905.278	105.719	78.141	-0.249	-1158.643	3.511	-35.449
2905.278	105.719	78.141	-0.317	-1223.357	3.442	-41.455
2912.602	106.063	78.141	-0.396	-1279.587	3.379	-46.875
2919.926	105.719	78.141	-0.474	-1315.539	3.315	-51.367
2927.250	106.063	78.141	-0.562	-1337.111	3.247	-54.736
2937.016	105.719	78.141	-0.645	-1337.758	3.179	-58.301
2941.899	106.063	78.141	-0.728	-1324.671	3.115	-61.035
2946.782	105.719	78.141	-0.815	-1350.845	3.042	-62.891
2949.223	106.063	78.141	-0.898	-1318.127	2.974	-64.795
2949.223	105.719	78.141	-0.981	-1363.931	2.900	-63.330
2951.665	105.719	78.141	-1.064	-1324.024	2.827	-63.672
2949.223	105.719	78.141	-1.147	-1330.567	2.749	-61.963
2949.223	106.063	78.485	-1.226	-1337.111	2.671	-60.449
2946.782	106.063	78.141	-1.309	-1324.024	2.588	-58.447
2946.782	106.063	78.141	-1.387	-1337.758	2.510	-56.689
2944.340	105.719	78.141	-1.465	-1337.758	2.427	-53.662
2944.340	106.063	78.485	-1.543	-1337.758	2.349	-52.637
2944.340	105.719	78.141	-1.621	-1350.845	2.261	-48.438
2944.340	105.719	78.485	-1.699	-1344.948	2.168	-47.705
2944.340	106.063	78.141	-1.777	-1371.122	2.075	-44.580
2944.340	105.719	78.141	-1.860	-1344.948	1.987	-40.869
2944.340	105.719	78.141	-1.938	-1331.861	1.895	-41.748
2944.340	106.063	78.141	-2.017	-1364.579	1.802	-41.406
2946.782	105.719	78.141	-2.100	-1365.226	1.709	-40.088
2946.782	106.063	78.141	-2.183	-1358.035	1.621	-39.551
2946.782	106.063	78.141	-2.261	-1371.122	1.528	-38.281
2946.782	106.063	78.141	-2.344	-1371.769	1.436	-37.842
2949.223	106.063	78.141	-2.422	-1371.122	1.343	-35.742
2949.223	106.063	78.141	-2.505	-1384.856	1.255	-34.766
2949.223	106.063	78.141	-2.583	-1364.579	1.167	-32.861
2949.223	106.063	78.141	-2.661	-1364.579	1.074	-32.275
2946.782	106.063	78.485	-2.739	-1364.579	0.986	-29.834
2946.782	106.063	78.485	-2.817	-1377.665	0.903	-26.953
2946.782	106.063	78.485	-2.896	-1364.579	0.815	-27.246

2946.782	106.063	78.141	-2.974	-1365.226	0.732	-25.146
2944.340	106.063	78.141	-3.052	-1377.665	0.649	-24.072
2944.340	106.063	78.485	-3.130	-1371.122	0.562	-21.729
2944.340	106.063	78.485	-3.208	-1371.769	0.479	-20.459
2946.782	106.063	78.485	-3.281	-1390.752	0.430	-8.496
2944.340	106.063	78.485	-3.359	-1358.035	0.430	-8.887
2946.782	106.063	78.485	-3.442	-1089.753	0.430	-8.887
2949.223	106.063	78.485	-3.521	-821.472	0.425	-8.984
2956.547	106.063	78.141	-3.594	-730.510	0.425	-7.471
2968.754	106.063	78.485	-3.667	-710.880	0.425	-9.180
2985.844	106.063	78.485	-3.730	-697.793	0.425	-8.691
2998.051	106.063	78.485	-3.789	-678.163	0.425	-6.494
3007.817	106.063	78.485	-3.838	-691.896	0.425	-5.859
3012.700	106.063	78.485	-3.877	-586.554	0.425	-1.562
3012.700	106.063	78.141	-3.901	-561.027	0.425	-2.393
3015.141	106.063	78.485	-3.921	-561.027	0.425	-9.717
3017.582	106.063	78.485	-3.940	-561.027	0.425	-5.566
3017.582	106.063	78.485	-3.950	-554.484	0.425	-6.104
3015.141	106.063	78.141	-3.955	-547.940	0.425	-2.979
3012.700	106.063	78.485	-3.955	-554.484	0.435	-0.244
3007.817	106.063	78.485	-3.960	-528.310	0.557	5.957
3000.493	106.063	78.485	-3.955	-122.616	0.801	8.838
2983.403	106.063	78.141	-3.955	-63.725	0.962	20.068
2958.989	106.063	78.485	-3.945	-50.638	1.162	23.389
2932.133	106.063	78.141	-3.936	-44.094	1.382	22.021
2912.602	106.063	78.141	-3.906	-44.094	1.514	32.812
2897.954	106.063	78.141	-3.867	-17.920	1.631	40.430
2890.629	106.063	78.485	-3.813	-4.186	1.748	48.438
2890.629	106.063	78.485	-3.745	3.651	1.865	54.639
2893.071	106.063	78.485	-3.662	4.945	1.978	59.521
2900.395	106.063	78.485	-3.574	19.973	2.095	61.377
2910.161	106.063	78.485	-3.481	57.219	2.207	63.428
2919.926	106.063	78.485	-3.389	103.597	2.310	65.088
2932.133	106.063	78.485	-3.296	234.320	2.402	66.895
2941.899	106.063	78.485	-3.198	429.110	2.485	67.725
2949.223	106.063	78.141	-3.110	666.396	2.573	69.141
2956.547	106.063	78.141	-3.032	932.444	2.646	69.971
2961.430	106.063	78.141	-2.949	1191.301	2.729	69.775
2963.872	106.063	78.485	-2.881	1428.587	2.808	70.361
2966.313	106.063	78.141	-2.808	1622.730	2.881	68.457
2963.872	106.063	78.141	-2.744	1767.186	2.954	67.920
2961.430	106.063	78.141	-2.676	1867.206	3.027	68.701
2961.430	106.063	78.485	-2.612	1924.730	3.096	69.971
2958.989	106.063	78.485	-2.544	1953.492	3.164	71.045
2958.989	106.063	78.141	-2.480	1946.948	3.232	71.484
2956.547	106.063	78.485	-2.412	1932.567	3.301	71.826
2956.547	106.063	78.485	-2.339	1910.996	3.364	72.705
2954.106	106.063	78.485	-2.266	1882.881	3.428	73.389
2954.106	106.063	78.141	-2.197	1868.500	3.496	73.877
2954.106	106.063	78.141	-2.124	1854.119	3.560	74.316
2954.106	106.063	78.485	-2.056	1840.385	3.623	74.121
2954.106	106.063	78.485	-1.982	1826.651	3.691	73.193
2951.665	106.063	78.485	-1.914	1833.841	3.755	74.316
2954.106	106.063	78.485	-1.841	1827.298	3.823	73.486

2951.665	106.063	78.485	-1.772	1835.136	3.887	73.047
2951.665	106.063	78.485	-1.704	1835.136	3.950	72.510
2951.665	106.063	78.485	-1.636	1842.973	4.019	72.168
2951.665	106.063	78.485	-1.567	1842.973	4.082	70.117
2954.106	106.063	78.485	-1.499	1850.811	4.141	68.506
2954.106	106.063	78.485	-1.431	1844.267	4.199	68.652
2954.106	106.063	78.485	-1.362	1851.458	4.258	66.357
2956.547	106.063	78.485	-1.294	1845.561	4.321	64.746
2956.547	106.063	78.485	-1.226	1845.561	4.380	62.793
2958.989	106.063	78.485	-1.152	1846.208	4.438	61.865
2958.989	106.063	78.485	-1.079	1840.312	4.497	59.961
2958.989	106.063	78.485	-1.011	1834.415	4.556	58.008
2958.989	106.063	78.485	-0.938	1821.328	4.614	55.420
2958.989	106.063	78.485	-0.869	1821.975	4.639	7.568
2958.989	106.063	78.485	-0.801	1816.726	4.639	9.668
2958.989	106.063	78.485	-0.728	1797.743	4.639	8.398
2958.989	106.063	78.485	-0.659	1778.759	4.639	8.838
2958.989	106.063	78.485	-0.591	1746.689	4.639	9.180
2961.430	106.063	78.485	-0.522	1681.901	4.639	9.082
2963.872	106.063	78.141	-0.459	1582.456	4.639	9.668
2971.196	105.374	77.106	-0.371	1413.693	4.644	6.738
2980.961	105.374	78.141	-0.317	1207.037	4.639	3.564
2995.610	105.374	78.830	-0.269	923.874 4.604	0.928	
3005.375	105.374	77.796	-0.220	755.905 4.438	-4.199	
3010.258	105.719	79.175	-0.176	142.333 4.277	-3.516	
3002.934	106.063	79.175	-0.142	-183.973	4.180	-13.965
2983.403	106.063	79.175	-0.122	-452.035	4.092	-25.977
2963.872	106.063	79.175	-0.117	-621.298	3.950	-24.707
2946.782	106.063	78.830	-0.132	-828.528	3.813	-26.270
2934.575	106.408	78.485	-0.166	-1014.186	3.677	-26.123
2927.250	106.408	78.485	-0.215	-1144.262	3.521	-25.488
2922.368	106.063	78.485	-0.283	-1224.651	3.467	-31.885
2924.809	106.408	78.141	-0.356	-1309.643	3.403	-39.014
2927.250	106.408	78.485	-0.439	-1339.052	3.335	-43.799
2932.133	106.063	78.141	-0.527	-1340.346	3.271	-47.803
2939.457	106.408	78.141	-0.610	-1373.710	3.208	-52.197
2944.340	106.063	78.141	-0.698	-1379.606	3.140	-54.932
2946.782	106.408	78.485	-0.786	-1352.139	3.066	-57.227
2949.223	106.063	78.485	-0.869	-1338.405	2.998	-59.131
2951.665	106.063	78.485	-0.952	-1330.567	2.925	-59.570
2951.665	106.063	78.485	-1.035	-1343.007	2.852	-59.912
2951.665	106.063	78.485	-1.118	-1336.464	2.773	-59.570
2951.665	106.063	78.485	-1.201	-1343.007	2.695	-58.643
2951.665	106.063	78.485	-1.279	-1329.920	2.617	-57.568
2949.223	106.063	78.485	-1.362	-1349.551	2.539	-55.127
2949.223	106.063	78.485	-1.440	-1363.284	2.456	-53.613
2949.223	106.063	78.485	-1.519	-1324.671	2.373	-51.123
2949.223	106.063	78.485	-1.597	-1350.845	2.285	-47.803
2949.223	106.063	78.485	-1.675	-1351.492	2.197	-45.361
2946.782	106.063	78.485	-1.753	-1325.318	2.109	-42.480
2946.782	106.408	78.485	-1.831	-1358.035	2.017	-39.746
2946.782	106.408	78.485	-1.909	-1351.492	1.924	-38.965
2946.782	106.063	78.485	-1.992	-1377.665	1.836	-38.818
2944.340	106.408	78.485	-2.070	-1378.312	1.743	-37.988

2944.340	106.063	78.485	-2.153	-1371.122	1.650	-37.109
2944.340	106.063	78.485	-2.231	-1339.052	1.558	-36.279
2944.340	106.063	78.485	-2.314	-1371.122	1.465	-35.449
2944.340	106.063	78.485	-2.397	-1377.665	1.377	-34.766
2944.340	106.408	78.485	-2.476	-1358.035	1.284	-34.277
2944.340	106.063	78.485	-2.559	-1364.579	1.191	-33.301
2944.340	106.063	78.485	-2.637	-1358.035	1.104	-31.787
2944.340	106.063	78.485	-2.715	-1364.579	1.016	-30.176
2944.340	106.063	78.485	-2.793	-1390.752	0.933	-27.832
2946.782	106.408	78.485	-2.866	-1377.665	0.845	-26.514
2944.340	106.408	78.485	-2.949	-1371.122	0.757	-24.609
2946.782	106.063	78.485	-3.027	-1358.035	0.679	-24.219
2946.782	106.408	78.141	-3.101	-1371.122	0.591	-20.557
2944.340	106.408	78.485	-3.179	-1377.665	0.508	-20.166
2944.340	106.063	78.485	-3.257	-1390.752	0.435	-16.504
2944.340	106.063	78.485	-3.335	-1410.383	0.425	-9.570
2944.340	106.408	78.485	-3.418	-1200.992	0.425	-9.375
2946.782	106.063	78.485	-3.491	-906.537	0.425	-8.350
2951.665	106.408	78.485	-3.569	-749.494	0.420	-8.643
2961.430	106.408	78.485	-3.643	-704.336	0.425	-10.693
2976.079	106.408	78.485	-3.711	-697.793	0.420	-9.766
2990.727	106.408	78.485	-3.770	-678.163	0.420	-9.375
3002.934	106.408	78.485	-3.823	-672.266	0.425	-8.105
3010.258	106.408	78.485	-3.862	-678.163	0.420	-5.762
3012.700	106.408	78.485	-3.892	-554.484	0.420	-7.422
3015.141	106.063	78.485	-3.916	-561.027	0.420	-3.369
3015.141	106.408	78.485	-3.936	-554.484	0.425	-6.934
3015.141	106.408	78.485	-3.945	-554.484	0.420	-7.666
3015.141	106.408	78.485	-3.955	-554.484	0.420	-8.008
3010.258	106.063	78.485	-3.955	-554.484	0.420	-4.688
3005.375	106.408	78.485	-3.955	-547.940	0.439	-1.953
3002.934	106.408	78.485	-3.955	-403.984	0.620	9.277
2993.168	106.408	78.485	-3.955	-122.616	0.815	13.965
2973.637	106.408	78.485	-3.950	-63.078	0.981	27.490
2949.223	106.408	78.485	-3.945	-57.181	1.187	21.631
2927.250	106.063	78.485	-3.931	-43.447	1.392	24.707
2910.161	106.063	78.485	-3.901	-24.464	1.538	29.639
2897.954	106.408	78.485	-3.857	-10.730	1.650	38.281
2893.071	106.408	78.485	-3.799	-3.539	1.772	46.729
2895.512	106.063	78.485	-3.730	-2.892	1.890	52.490
2900.395	106.063	78.485	-3.647	12.136	2.002	56.787
2907.719	106.063	78.485	-3.555	34.354	2.119	60.107
2917.485	106.408	78.485	-3.462	65.704	2.231	60.107
2927.250	106.408	78.485	-3.369	153.931	2.324	61.572
2937.016	106.063	78.485	-3.271	299.034	2.417	62.695
2946.782	106.408	78.485	-3.184	508.205	2.500	64.648
2954.106	106.408	78.485	-3.096	759.872	2.583	65.674
2958.989	106.408	78.485	-3.018	1025.920	2.661	67.188
2963.872	106.408	78.485	-2.939	1277.587	2.739	67.529
2963.872	106.063	78.485	-2.866	1500.491	2.817	67.676
2963.872	106.408	78.485	-2.798	1666.519	2.891	67.920
2963.872	106.408	78.485	-2.729	1803.138	2.969	67.871
2961.430	106.408	78.485	-2.666	1888.777	3.037	68.066
2961.430	106.408	78.485	-2.603	1939.111	3.105	69.629

2958.989	106.408 78.485	-2.534	1953.492	3.174	71.338
2956.547	106.408 78.485	-2.466	1939.758	3.242	72.119
2956.547	106.408 78.485	-2.397	1925.377	3.311	72.461
2956.547	106.408 78.485	-2.329	1897.262	3.374	72.949
2954.106	106.408 78.485	-2.256	1875.690	3.438	72.754
2954.106	106.063 78.485	-2.188	1861.309	3.506	73.193
2956.547	106.063 78.485	-2.114	1847.575	3.569	72.510
2956.547	106.408 78.485	-2.041	1833.194	3.638	73.291
2956.547	106.408 78.485	-1.973	1833.841	3.701	72.656
2958.989	106.063 78.485	-1.899	1841.032	3.770	72.461
2958.989	106.408 78.485	-1.826	1841.032	3.833	71.289
2958.989	106.408 78.485	-1.758	1848.869	3.896	71.631
2958.989	106.063 78.485	-1.689	1842.326	3.960	71.338
2956.547	106.408 78.485	-1.626	1842.973	4.028	70.020
2956.547	106.408 78.485	-1.558	1856.707	4.092	69.385
2956.547	106.408 78.485	-1.489	1850.811	4.150	69.775
2956.547	106.408 78.485	-1.421	1844.267	4.214	67.578
2956.547	106.408 78.485	-1.348	1844.914	4.272	67.383
2956.547	106.408 78.485	-1.279	1852.105	4.331	65.381
2956.547	106.408 78.485	-1.211	1846.208	4.390	63.574
2958.989	106.408 78.485	-1.143	1839.665	4.443	62.158
2956.547	106.063 78.485	-1.069	1833.768	4.512	60.791
2958.989	106.408 78.485	-0.996	1827.872	4.565	57.812
2958.989	106.408 78.485	-0.928	1821.975	4.624	52.832
2958.989	106.408 78.485	-0.854	1822.622	4.639	6.494
2958.989	106.408 78.485	-0.786	1810.182	4.639	10.303
2958.989	106.063 78.485	-0.718	1778.112	4.639	10.840
2958.989	106.063 78.485	-0.649	1765.672	4.639	10.596
2956.547	106.408 78.485	-0.581	1734.249	4.639	9.717
2958.989	106.408 78.485	-0.513	1675.358	4.639	4.590
2961.430	106.408 78.485	-0.444	1549.091	4.639	7.520
2966.313	106.063 78.485	-0.376	1366.595	4.639	10.059
2976.079	106.408 78.485	-0.317	1146.205	4.639	9.229
2988.286	106.408 78.485	-0.254	889.215	4.639	3.613
3002.934	106.408 78.485	-0.205	747.420	4.639	4.053
3015.141	106.408 78.485	-0.161	539.543	4.639	6.836
3024.907	106.408 78.485	-0.132	365.678	4.639	9.326
3027.348	106.063 75.728	-0.103	200.297	4.639	7.959
3024.907	106.408 77.451	-0.088	91.145	4.629	4.590
3022.465	106.408 78.485	-0.083	4.860	4.570	-0.684
3012.700	106.063 79.520	-0.078	-170.446	4.370	-3.174
2998.051	106.063 79.864	-0.083	-638.267	4.229	-9.229
2973.637	106.408 79.864	-0.088	-700.393	4.146	-22.852
2949.223	106.063 79.520	-0.098	-783.444	4.004	-25.342
2927.250	106.408 79.520	-0.122	-815.441	3.853	-25.586
2915.043	106.408 79.175	-0.151	-940.987	3.682	-27.100
2905.278	106.408 78.830	-0.200	-1027.920	3.555	-26.416
2905.278	106.408 78.830	-0.259	-1107.662	3.511	-35.449
2907.719	106.408 78.485	-0.322	-1186.758	3.442	-42.432
2915.043	106.408 78.485	-0.396	-1218.108	3.379	-47.168
2922.368	106.408 78.485	-0.479	-1307.702	3.315	-51.855
2932.133	106.408 78.485	-0.557	-1310.290	3.247	-55.176
2939.457	106.063 78.485	-0.645	-1305.040	3.184	-58.398
2944.340	106.408 78.485	-0.728	-1384.856	3.115	-60.693

2949.223	106.408	78.485	-0.811	-1365.226	3.047	-62.549
2951.665	106.408	78.485	-0.894	-1352.139	2.974	-64.160
2951.665	106.408	78.485	-0.981	-1331.861	2.900	-62.695
2951.665	106.408	78.485	-1.064	-1350.845	2.827	-63.818
2949.223	106.408	78.485	-1.143	-1331.214	2.749	-63.330
2946.782	106.408	78.485	-1.226	-1350.845	2.671	-61.328
2946.782	106.408	78.485	-1.304	-1344.301	2.593	-59.082
2946.782	106.408	78.485	-1.387	-1324.671	2.510	-57.764
2946.782	106.408	78.485	-1.465	-1344.301	2.427	-55.322
2946.782	106.408	78.485	-1.543	-1350.845	2.344	-52.881
2946.782	106.408	78.485	-1.621	-1350.845	2.256	-49.414
2946.782	106.408	78.485	-1.699	-1351.492	2.168	-47.070
2946.782	106.408	78.485	-1.777	-1344.948	2.075	-43.604
2946.782	106.408	78.485	-1.860	-1364.579	1.987	-41.406
2949.223	106.408	78.485	-1.938	-1358.035	1.895	-40.723
2949.223	106.408	78.485	-2.017	-1351.492	1.802	-40.332
2949.223	106.408	78.485	-2.095	-1371.769	1.709	-39.453
2949.223	106.408	78.485	-2.183	-1352.139	1.621	-38.428
2946.782	106.408	78.485	-2.261	-1377.665	1.528	-38.037
2946.782	106.408	78.485	-2.344	-1351.492	1.436	-36.426
2946.782	106.408	78.485	-2.422	-1390.752	1.343	-35.400
2946.782	106.408	78.485	-2.505	-1371.769	1.255	-34.180
2949.223	106.408	78.485	-2.583	-1364.579	1.162	-33.057
2949.223	106.408	78.485	-2.661	-1378.312	1.074	-31.689
2946.782	106.408	78.485	-2.739	-1358.682	0.986	-30.566
2946.782	106.408	78.485	-2.817	-1378.312	0.898	-29.199
2946.782	106.408	78.485	-2.896	-1384.856	0.815	-26.758
2946.782	106.408	78.485	-2.974	-1384.209	0.728	-24.609
2946.782	106.408	78.485	-3.052	-1351.492	0.645	-23.584
2946.782	106.408	78.485	-3.130	-1378.312	0.562	-22.363
2946.782	106.408	78.485	-3.208	-1397.296	0.479	-19.092
2946.782	106.408	78.830	-3.286	-1371.122	0.430	-9.814
2946.782	106.408	78.485	-3.364	-1351.492	0.425	-8.154
2946.782	106.408	78.485	-3.442	-1083.857	0.435	-8.447
2949.223	106.408	78.485	-3.521	-822.119	0.425	-8.789
2956.547	106.408	78.485	-3.594	-750.141	0.425	-8.789
2968.754	106.408	78.485	-3.667	-717.423	0.425	-8.057
2985.844	106.408	78.485	-3.735	-691.249	0.425	-8.398
2998.051	106.408	78.485	-3.789	-691.249	0.425	-4.346
3007.817	106.408	78.485	-3.838	-685.353	0.420	-9.082
3012.700	106.408	78.485	-3.877	-580.658	0.420	-7.324
3015.141	106.408	78.485	-3.901	-561.027	0.425	-6.592
3015.141	106.408	78.830	-3.926	-554.484	0.420	-2.100
3017.582	106.408	78.485	-3.940	-547.940	0.425	-2.588
3015.141	106.408	78.485	-3.950	-561.027	0.420	-8.154
3012.700	106.408	78.485	-3.955	-547.940	0.420	-6.934
3010.258	106.408	78.485	-3.955	-547.940	0.420	-7.422
3007.817	106.408	78.485	-3.960	-541.397	0.420	-2.686
3005.375	106.408	78.830	-3.955	-547.940	0.420	-2.539
3002.934	106.408	78.485	-3.955	-541.397	0.420	-7.861
3000.493	106.408	78.485	-3.950	-521.120	0.420	-8.740
2998.051	106.408	78.485	-3.950	-514.576	0.420	-6.152
2995.610	106.408	78.485	-3.950	-514.576	0.420	-2.734
2995.610	106.408	78.485	-3.950	-508.033	0.493	0.391

2993.168	106.408	78.485	-3.950	-147.495	0.732	3.174
2983.403	106.408	78.485	-3.950	-23.170	0.889	14.502
2963.872	106.408	78.485	-3.945	-10.083	1.045	24.854
2941.899	106.408	78.485	-3.940	-3.539	1.260	20.703
2922.368	106.408	78.830	-3.916	-3.539	1.455	22.559
2907.719	106.408	78.830	-3.882	3.651	1.592	33.057
2897.954	106.408	78.485	-3.833	10.842	1.704	38.770
2895.512	106.408	78.485	-3.770	25.222	1.821	47.314
2900.395	106.408	78.485	-3.696	54.631	1.934	52.734
2905.278	106.408	78.485	-3.608	85.981	2.041	59.717
2915.043	106.408	78.485	-3.521	147.387	2.144	61.719
2927.250	106.408	78.485	-3.428	306.225	2.241	62.744
2937.016	106.408	78.485	-3.340	515.396	2.329	65.625
2946.782	106.408	78.485	-3.252	767.063	2.412	67.383
2954.106	106.408	78.485	-3.164	1033.110	2.495	69.043
2958.989	106.408	78.485	-3.086	1284.777	2.573	70.166
2963.872	106.408	78.485	-3.013	1500.491	2.651	70.312
2963.872	106.408	78.485	-2.944	1673.063	2.729	70.361
2963.872	106.408	78.485	-2.876	1802.491	2.808	69.775
2961.430	106.408	78.485	-2.808	1881.587	2.886	69.238
2958.989	106.408	78.485	-2.744	1931.920	2.959	67.676
2958.989	106.408	78.485	-2.676	1939.758	3.032	68.604
2956.547	106.408	78.485	-2.612	1932.567	3.101	70.020
2956.547	106.408	78.485	-2.544	1918.186	3.169	70.996
2954.106	106.408	78.485	-2.480	1896.615	3.237	71.191
2954.106	106.408	78.485	-2.407	1868.500	3.301	71.729
2956.547	106.408	78.485	-2.334	1854.119	3.369	72.461
2954.106	106.408	78.830	-2.266	1846.928	3.433	71.973
2954.106	106.408	78.485	-2.192	1833.194	3.496	74.365
2954.106	106.408	78.485	-2.119	1833.194	3.564	73.291
2956.547	106.408	78.485	-2.046	1833.194	3.628	73.389
2956.547	106.408	78.485	-1.978	1833.841	3.691	74.463
2954.106	106.408	78.830	-1.904	1834.488	3.760	73.828
2954.106	106.408	78.485	-1.836	1841.679	3.828	72.852
2954.106	106.408	78.830	-1.768	1842.326	3.892	73.389
2954.106	106.408	78.485	-1.699	1849.516	3.955	72.510
2954.106	106.408	78.830	-1.631	1850.163	4.019	71.680
2954.106	106.408	78.485	-1.562	1857.354	4.087	70.654
2954.106	106.408	78.830	-1.494	1858.001	4.146	69.580
2956.547	106.408	78.485	-1.426	1858.001	4.209	68.213
2956.547	106.408	78.485	-1.357	1852.105	4.263	65.869
2958.989	106.408	78.485	-1.289	1852.752	4.326	64.258
2961.430	106.408	78.485	-1.221	1846.208	4.385	62.988
2958.989	106.408	78.485	-1.147	1846.855	4.438	61.133
2958.989	106.408	78.485	-1.079	1840.959	4.497	59.766
2958.989	106.408	78.485	-1.006	1834.415	4.561	58.252
2958.989	106.408	78.485	-0.933	1828.519	4.614	54.883
2961.430	106.408	78.485	-0.864	1816.079	4.639	10.645
2958.989	106.408	78.485	-0.791	1797.096	4.639	9.619
2958.989	106.408	78.485	-0.723	1791.846	4.639	9.180
2958.989	106.408	78.485	-0.654	1759.776	4.639	8.789
2958.989	106.408	78.485	-0.586	1734.896	4.639	9.229
2958.989	106.408	78.485	-0.518	1669.462	4.639	5.420
2961.430	106.408	78.830	-0.449	1570.016	4.639	9.766

2968.754	106.408 78.485	-0.386	1381.623	4.639	7.666
2978.520	106.408 78.830	-0.322	1149.440	4.639	4.199
2990.727	106.408 78.485	-0.259	932.358 4.639	7.129	
3002.934	106.408 77.451	-0.205	784.019 4.639	8.057	
3015.141	106.408 78.141	-0.166	583.333 4.624	8.691	
3022.465	106.408 78.485	-0.132	402.277 4.556	-6.055	
3022.465	106.408 77.796	-0.107	132.201 4.355	-3.467	
3012.700	106.408 78.485	-0.093	-404.216	4.214	-7.031
2990.727	106.753 78.485	-0.083	-605.623	4.136	-19.727
2963.872	106.753 78.485	-0.088	-740.948	4.038	-23.828
2944.340	106.753 78.485	-0.107	-869.730	3.896	-25.244
2927.250	106.408 78.830	-0.146	-965.147	3.760	-25.537
2917.485	106.408 78.485	-0.190	-1066.461	3.613	-25.781
2912.602	106.408 78.830	-0.254	-1152.099	3.491	-26.514
2915.043	106.408 78.830	-0.322	-1217.461	3.442	-33.496
2919.926	106.408 78.830	-0.400	-1267.794	3.374	-39.453
2927.250	106.408 78.830	-0.483	-1329.920	3.311	-44.580
2934.575	106.408 78.485	-0.566	-1337.758	3.247	-48.877
2939.457	106.408 78.485	-0.649	-1338.405	3.179	-52.002
2944.340	106.408 78.485	-0.737	-1338.405	3.110	-55.859
2946.782	106.408 78.830	-0.820	-1364.579	3.042	-58.203
2949.223	106.408 78.485	-0.903	-1358.035	2.969	-59.180
2951.665	106.408 78.830	-0.986	-1318.127	2.896	-60.400
2951.665	106.408 78.485	-1.069	-1317.480	2.822	-60.010
2951.665	106.408 78.485	-1.147	-1304.393	2.744	-58.838
2949.223	106.408 78.830	-1.230	-1317.480	2.666	-57.031
2949.223	106.408 78.830	-1.313	-1356.741	2.588	-55.371
2949.223	106.408 78.830	-1.392	-1324.671	2.505	-53.857
2946.782	106.408 78.830	-1.470	-1350.845	2.422	-51.514
2944.340	106.408 78.485	-1.548	-1337.758	2.339	-48.877
2946.782	106.408 78.830	-1.626	-1350.845	2.251	-46.191
2944.340	106.408 78.485	-1.704	-1358.035	2.163	-42.871
2944.340	106.408 78.830	-1.782	-1358.035	2.070	-40.479
2944.340	106.408 78.830	-1.865	-1358.035	1.982	-38.770
2944.340	106.753 78.830	-1.943	-1351.492	1.890	-38.965
2944.340	106.408 78.485	-2.021	-1358.035	1.797	-38.135
2944.340	106.408 78.485	-2.100	-1377.665	1.709	-37.354
2944.340	106.408 78.485	-2.183	-1325.318	1.616	-37.061
2944.340	106.408 78.485	-2.266	-1351.492	1.523	-36.133
2946.782	106.408 78.830	-2.349	-1377.665	1.431	-35.205
2946.782	106.408 78.485	-2.427	-1371.769	1.338	-34.180
2944.340	106.408 78.830	-2.510	-1364.579	1.255	-33.008
2946.782	106.408 78.485	-2.588	-1371.122	1.157	-32.324
2946.782	106.408 78.830	-2.666	-1358.682	1.069	-30.762
2944.340	106.408 78.485	-2.744	-1371.122	0.981	-27.881
2944.340	106.408 78.485	-2.822	-1371.122	0.898	-25.635
2944.340	106.408 78.485	-2.900	-1390.752	0.811	-25.537
2944.340	106.408 78.830	-2.974	-1397.296	0.728	-23.047
2944.340	106.408 78.485	-3.057	-1371.122	0.640	-21.826
2944.340	106.408 78.830	-3.130	-1371.122	0.557	-19.531
2946.782	106.408 78.830	-3.213	-1391.399	0.469	-17.480
2946.782	106.408 78.485	-3.291	-1390.752	0.425	-4.248
2946.782	106.408 78.485	-3.369	-1318.774	0.425	-8.936
2946.782	106.408 78.485	-3.442	-1083.210	0.425	-9.619

2949.223	106.408	78.485	-3.521	-801.841	0.425	-8.545
2956.547	106.408	78.485	-3.599	-723.320	0.425	-8.740
2968.754	106.408	78.485	-3.672	-717.423	0.425	-8.984
2983.403	106.408	78.830	-3.735	-691.249	0.425	-8.789
2998.051	106.408	78.485	-3.794	-684.706	0.420	-5.664
3005.375	106.408	78.830	-3.838	-678.810	0.420	-4.004
3010.258	106.408	78.830	-3.877	-541.397	0.420	-1.611
3015.141	106.408	78.830	-3.906	-561.027	0.420	-9.473
3015.141	106.753	78.830	-3.926	-561.027	0.425	-6.494
3017.582	106.408	78.485	-3.945	-561.027	0.420	-7.666
3017.582	106.408	78.485	-3.950	-547.940	0.420	-2.100
3015.141	106.408	78.485	-3.955	-554.484	0.420	-5.762
3012.700	106.408	78.485	-3.955	-554.484	0.420	-7.520
3010.258	106.408	78.485	-3.955	-554.484	0.420	-7.275
3005.375	106.408	78.485	-3.955	-541.397	0.420	-5.029
3002.934	106.753	78.830	-3.955	-534.854	0.420	-2.686
3000.493	106.408	78.485	-3.950	-528.310	0.420	-2.100
2998.051	106.408	78.485	-3.950	-514.576	0.425	-6.250
2995.610	106.408	78.485	-3.950	-514.576	0.479	0.586
2995.610	106.753	78.485	-3.945	-154.039	0.732	3.467
2983.403	106.408	78.830	-3.950	-36.257	0.898	24.609
2963.872	106.408	78.830	-3.945	-10.083	1.064	22.900
2939.457	106.408	78.830	-3.940	-3.539	1.284	21.777
2917.485	106.408	78.830	-3.921	-3.539	1.475	23.633
2902.836	106.408	78.830	-3.882	-3.539	1.587	33.936
2895.512	106.408	78.830	-3.838	3.651	1.709	42.529
2890.629	106.408	78.830	-3.774	11.489	1.816	49.756
2893.071	106.408	78.485	-3.696	33.707	1.934	56.250
2900.395	106.753	78.485	-3.613	70.953	2.046	61.230
2912.602	106.408	78.485	-3.521	131.712	2.148	64.258
2924.809	106.408	78.830	-3.433	263.082	2.241	65.820
2937.016	106.408	78.485	-3.340	465.062	2.329	67.285
2946.782	106.408	78.485	-3.252	716.729	2.417	70.068
2956.547	106.408	78.830	-3.169	976.233	2.500	70.801
2961.430	106.408	78.485	-3.086	1234.444	2.578	71.680
2963.872	106.408	78.485	-3.013	1464.539	2.656	72.461
2966.313	106.408	78.830	-2.939	1644.301	2.739	72.363
2963.872	106.408	78.830	-2.871	1788.111	2.812	71.045
2961.430	106.408	78.830	-2.803	1874.396	2.891	70.215
2961.430	106.408	78.485	-2.739	1924.730	2.964	68.848
2958.989	106.408	78.830	-2.676	1946.301	3.037	69.287
2958.989	106.408	78.830	-2.607	1946.301	3.101	70.361
2956.547	106.408	78.485	-2.544	1925.377	3.174	71.338
2954.106	106.408	78.830	-2.471	1903.805	3.237	71.826
2954.106	106.408	78.830	-2.402	1882.234	3.306	72.412
2956.547	106.408	78.830	-2.334	1861.309	3.369	73.340
2956.547	106.408	78.830	-2.261	1846.928	3.438	74.072
2956.547	106.408	78.830	-2.188	1833.194	3.501	74.414
2956.547	106.408	78.485	-2.119	1826.651	3.569	74.023
2956.547	106.408	78.485	-2.041	1826.651	3.633	74.316
2956.547	106.408	78.485	-1.973	1833.841	3.701	74.170
2956.547	106.408	78.830	-1.904	1841.679	3.765	74.365
2958.989	106.408	78.485	-1.831	1848.222	3.828	73.682
2958.989	106.408	78.830	-1.763	1848.869	3.896	72.070

2958.989	106.408	78.830	-1.694	1849.516	3.960	72.363
2958.989	106.408	78.485	-1.626	1850.163	4.023	70.801
2958.989	106.753	78.830	-1.558	1857.354	4.087	69.971
2958.989	106.408	78.830	-1.489	1850.811	4.150	68.799
2958.989	106.408	78.830	-1.421	1851.458	4.209	66.504
2958.989	106.408	78.830	-1.353	1858.648	4.268	65.918
2958.989	106.408	78.485	-1.284	1845.561	4.326	64.355
2958.989	106.753	78.830	-1.216	1846.208	4.390	63.086
2958.989	106.408	78.485	-1.143	1839.665	4.443	62.012
2958.989	106.753	78.830	-1.074	1833.768	4.502	60.156
2958.989	106.408	78.830	-1.001	1820.681	4.565	58.691
2958.989	106.753	78.485	-0.933	1821.975	4.619	54.395
2958.989	106.408	78.485	-0.859	1795.802	4.639	8.496
2958.989	106.753	78.485	-0.786	1797.096	4.639	9.082
2958.989	106.408	78.485	-0.718	1771.569	4.639	9.619
2958.989	106.408	78.830	-0.649	1759.129	4.639	9.326
2958.989	106.408	78.485	-0.581	1714.619	4.639	9.033
2958.989	106.408	78.485	-0.513	1662.918	4.639	12.744
2961.430	106.408	78.830	-0.449	1530.108	4.639	4.834
2966.313	106.753	78.830	-0.381	1348.258	4.639	3.564
2978.520	106.753	78.830	-0.317	1108.885	4.639	7.520
2990.727	106.753	78.830	-0.259	925.168	4.639	8.691
3005.375	106.753	78.485	-0.205	770.933	4.639	10.889
3015.141	106.408	78.830	-0.161	563.056	4.639	4.883
3022.465	106.063	70.557	-0.117	382.647	4.644	4.053
3027.348	106.408	78.141	-0.103	223.809	4.634	4.883
3024.907	106.408	79.175	-0.088	100.924	4.614	2.490
3022.465	106.753	79.520	-0.083	-18.079	4.478	-4.346
3015.141	106.753	79.864	-0.083	-403.423	4.277	-6.494
2995.610	106.753	79.520	-0.083	-623.886	4.185	-20.166
2968.754	106.753	79.520	-0.093	-720.024	4.082	-22.119
2946.782	106.753	79.520	-0.107	-818.102	3.926	-25.049
2929.692	106.753	79.175	-0.132	-891.301	3.779	-25.977
2917.485	106.753	79.175	-0.176	-952.060	3.643	-27.881
2912.602	106.408	78.830	-0.225	-1052.080	3.545	-32.422
2912.602	106.753	78.830	-0.288	-1151.452	3.477	-38.379
2917.485	106.408	78.485	-0.361	-1235.797	3.413	-45.117
2924.809	106.408	78.485	-0.439	-1280.234	3.345	-50.342
2934.575	106.408	78.485	-0.518	-1322.730	3.281	-53.906
2939.457	106.408	78.485	-0.601	-1344.301	3.213	-57.861
2946.782	106.753	78.485	-0.688	-1352.139	3.145	-60.107
2951.665	106.408	78.485	-0.771	-1358.682	3.076	-62.598
2954.106	106.753	78.830	-0.854	-1339.052	3.008	-63.379
2954.106	106.753	78.830	-0.938	-1331.861	2.935	-63.965
2954.106	106.753	78.485	-1.021	-1325.318	2.861	-64.600
2954.106	106.753	78.485	-1.104	-1331.214	2.788	-63.770
2954.106	106.753	78.830	-1.187	-1350.845	2.710	-61.230
2951.665	106.408	78.830	-1.265	-1357.388	2.627	-59.082
2949.223	106.753	78.830	-1.348	-1331.214	2.549	-56.738
2949.223	106.408	78.485	-1.426	-1344.301	2.471	-55.176
2949.223	106.753	78.830	-1.504	-1331.214	2.383	-53.223
2946.782	106.408	78.830	-1.582	-1350.845	2.300	-50.977
2946.782	106.753	78.485	-1.660	-1364.579	2.212	-47.510
2946.782	106.408	78.830	-1.738	-1351.492	2.124	-44.629

2949.223	106.753	78.830	-1.821	-1344.948	2.031	-42.529
2949.223	106.408	78.485	-1.899	-1358.035	1.938	-41.650
2949.223	106.753	78.485	-1.978	-1351.492	1.846	-41.699
2949.223	106.753	78.830	-2.056	-1358.035	1.758	-40.332
2949.223	106.753	78.830	-2.139	-1384.209	1.665	-39.795
2949.223	106.408	78.830	-2.222	-1358.682	1.572	-38.721
2949.223	106.753	78.830	-2.300	-1365.226	1.479	-37.891
2949.223	106.408	78.830	-2.383	-1365.226	1.387	-36.572
2949.223	106.753	78.830	-2.466	-1378.312	1.299	-35.156
2949.223	106.408	78.830	-2.544	-1352.139	1.206	-32.373
2949.223	106.408	78.830	-2.622	-1391.399	1.118	-30.762
2951.665	106.753	78.830	-2.700	-1377.665	1.025	-30.420
2951.665	106.753	78.830	-2.778	-1378.312	0.942	-28.564
2951.665	106.408	78.485	-2.856	-1351.492	0.854	-27.246
2951.665	106.753	78.830	-2.935	-1384.856	0.771	-26.074
2951.665	106.753	78.830	-3.013	-1403.839	0.684	-23.486
2951.665	106.753	78.830	-3.091	-1377.665	0.605	-23.291
2951.665	106.408	78.830	-3.169	-1384.856	0.518	-21.973
2951.665	106.753	78.485	-3.247	-1403.839	0.435	-17.676
2951.665	106.753	78.830	-3.325	-1411.030	0.425	-10.254
2951.665	106.753	78.830	-3.403	-1253.340	0.430	-9.131
2954.106	106.753	78.830	-3.481	-932.710	0.425	-7.715
2956.547	106.753	78.830	-3.560	-750.141	0.420	-8.398
2966.313	106.408	78.830	-3.633	-730.510	0.425	-8.398
2980.961	106.753	78.485	-3.701	-690.602	0.425	-8.545
2993.168	106.753	78.830	-3.765	-697.793	0.420	-9.082
3005.375	106.753	78.830	-3.813	-678.163	0.420	-3.223
3012.700	106.753	78.830	-3.857	-678.163	0.420	-2.246
3017.582	106.753	78.830	-3.892	-561.027	0.420	-3.125
3020.024	106.753	78.485	-3.916	-554.484	0.425	-7.471
3020.024	106.408	78.830	-3.936	-554.484	0.420	-6.836
3022.465	106.753	78.830	-3.945	-561.027	0.430	-6.250
3020.024	106.753	78.830	-3.955	-547.940	0.547	7.031
3015.141	106.753	78.485	-3.955	-129.159	0.762	8.008
2998.051	106.408	78.485	-3.955	-76.812	0.923	12.402
2971.196	106.753	78.485	-3.950	-57.181	1.074	23.584
2944.340	106.753	78.830	-3.940	-57.828	1.279	20.898
2922.368	106.753	78.830	-3.911	-57.828	1.470	22.852
2905.278	106.753	78.830	-3.872	-57.828	1.631	29.785
2897.954	106.753	78.830	-3.818	-31.007	1.748	36.621
2895.512	106.753	78.830	-3.745	-10.730	1.865	41.748
2897.954	106.753	78.830	-3.662	-2.892	1.978	47.852
2905.278	106.753	78.830	-3.574	12.136	2.100	50.098
2912.602	106.753	78.830	-3.477	41.544	2.212	53.027
2922.368	106.753	78.830	-3.384	72.894	2.314	54.443
2932.133	106.753	78.485	-3.286	161.121	2.412	55.957
2941.899	106.753	78.485	-3.193	313.415	2.500	57.275
2949.223	106.753	78.830	-3.105	529.777	2.583	59.131
2956.547	106.753	78.830	-3.018	781.444	2.666	60.693
2961.430	106.753	78.830	-2.939	1047.491	2.744	61.475
2966.313	106.753	78.830	-2.866	1291.967	2.822	62.451
2966.313	106.753	78.830	-2.793	1507.682	2.896	61.963
2966.313	106.753	78.830	-2.725	1687.444	2.969	61.572
2966.313	106.753	78.830	-2.661	1809.682	3.042	62.793

2963.872	106.408 78.830	-2.593	1888.777	3.110	63.916
2961.430	106.753 78.830	-2.529	1925.377	3.179	64.941
2961.430	106.753 78.830	-2.461	1939.758	3.247	65.967
2958.989	106.753 78.830	-2.393	1939.758	3.315	67.139
2958.989	106.753 78.485	-2.324	1918.833	3.379	67.676
2958.989	106.753 78.485	-2.251	1890.071	3.442	69.434
2958.989	106.753 78.830	-2.178	1869.147	3.506	70.215
2958.989	106.408 78.830	-2.109	1854.766	3.574	70.459
2958.989	106.753 78.830	-2.036	1847.575	3.638	70.410
2958.989	106.753 78.830	-1.963	1833.841	3.711	71.338
2958.989	106.408 78.830	-1.895	1833.841	3.770	71.143
2958.989	106.753 78.830	-1.821	1834.488	3.838	70.605
2958.989	106.753 78.830	-1.753	1834.488	3.901	70.605
2958.989	106.753 78.830	-1.685	1835.136	3.970	70.996
2958.989	106.753 78.830	-1.616	1835.783	4.033	69.727
2958.989	106.753 78.830	-1.548	1836.430	4.097	69.336
2958.989	106.753 78.830	-1.479	1837.077	4.155	68.164
2958.989	106.753 78.830	-1.411	1844.267	4.219	66.455
2958.989	106.753 78.830	-1.348	1845.561	4.277	65.771
2958.989	106.408 78.830	-1.274	1845.561	4.331	63.867
2958.989	106.753 78.830	-1.206	1839.665	4.395	62.354
2958.989	106.753 78.830	-1.133	1840.312	4.453	60.498
2958.989	106.753 78.830	-1.064	1827.225	4.512	58.496
2958.989	106.753 78.830	-0.991	1827.872	4.570	57.080
2961.430	106.753 78.830	-0.918	1815.432	4.629	51.611
2961.430	106.753 78.830	-0.850	1802.992	4.639	8.789
2961.430	106.753 78.830	-0.781	1790.552	4.639	10.205
2961.430	106.753 78.830	-0.708	1778.112	4.639	9.619
2961.430	106.753 78.830	-0.640	1753.232	4.644	9.814
2958.989	106.753 78.830	-0.571	1714.619	4.639	9.277
2961.430	106.753 78.830	-0.503	1650.478	4.639	8.154
2963.872	106.753 78.830	-0.435	1517.021	4.644	3.613
2968.754	106.753 78.830	-0.371	1314.894	4.644	6.689
2980.961	106.753 78.830	-0.308	1063.081	4.639	7.324
2993.168	106.753 78.830	-0.249	950.694 4.639	10.107	
3007.817	106.753 78.830	-0.200	743.465 4.639	3.613	
3020.024	106.753 78.830	-0.156	548.675 4.639	3.857	
3027.348	106.753 78.830	-0.122	368.913 4.639	8.301	
3029.790	106.753 78.830	-0.103	210.075 4.639	11.572	
3027.348	106.753 78.830	-0.083	94.381 4.639	10.742	
3024.907	106.753 78.830	-0.078	7.448 4.736	5.615	
3017.582	106.753 78.141	-0.078	-50.076 4.639	4.688	
3012.700	106.753 78.485	-0.083	-72.295 4.624	3.662	
3007.817	106.753 77.451	-0.083	-79.485 4.521	-11.133	
3002.934	106.753 78.485	-0.088	-268.598	4.341	-4.590
2988.286	106.753 78.830	-0.093	-602.315	4.209	-14.355
2966.313	106.753 78.830	-0.103	-669.043	4.126	-23.096
2944.340	106.753 78.830	-0.112	-700.393	3.989	-25.928
2927.250	106.753 79.175	-0.132	-786.032	3.838	-25.195
2917.485	106.753 79.175	-0.166	-899.785	3.701	-26.562
2912.602	106.753 78.830	-0.210	-994.556	3.564	-27.148
2915.043	106.408 78.830	-0.273	-1108.309	3.491	-34.619
2919.926	106.753 78.830	-0.337	-1188.052	3.428	-41.309
2927.250	106.753 78.830	-0.410	-1252.766	3.364	-46.289

2934.575	106.753	78.830	-0.493	-1302.452	3.301	-51.172
2941.899	106.753	78.830	-0.576	-1325.318	3.232	-54.346
2949.223	106.753	78.830	-0.659	-1352.786	3.164	-57.764
2951.665	106.753	78.830	-0.742	-1373.063	3.101	-60.156
2954.106	106.753	78.830	-0.830	-1326.612	3.027	-62.646
2954.106	106.753	78.830	-0.913	-1358.682	2.954	-63.770
2954.106	106.753	78.830	-0.996	-1345.595	2.886	-63.232
2954.106	106.753	78.830	-1.079	-1344.948	2.812	-61.572
2954.106	106.753	78.830	-1.162	-1344.301	2.729	-60.449
2954.106	106.753	78.830	-1.245	-1350.845	2.651	-58.594
2951.665	106.753	78.830	-1.323	-1324.671	2.573	-56.885
2951.665	106.753	78.830	-1.406	-1337.758	2.490	-55.078
2949.223	106.753	78.830	-1.484	-1350.845	2.407	-52.734
2949.223	106.753	78.830	-1.562	-1371.122	2.324	-50.391
2949.223	106.408	78.830	-1.641	-1338.405	2.236	-47.412
2949.223	106.753	78.830	-1.719	-1358.035	2.144	-45.117
2949.223	106.408	78.830	-1.797	-1358.035	2.056	-41.309
2949.223	106.753	78.830	-1.875	-1358.682	1.963	-40.820
2951.665	106.753	78.830	-1.953	-1364.579	1.870	-40.479
2951.665	106.753	78.830	-2.036	-1344.948	1.782	-40.283
2951.665	106.408	78.830	-2.119	-1365.226	1.689	-38.965
2949.223	106.753	78.830	-2.197	-1378.312	1.597	-38.037
2951.665	106.753	78.830	-2.280	-1371.769	1.504	-37.354
2951.665	106.753	78.830	-2.363	-1358.035	1.411	-36.572
2951.665	106.753	78.830	-2.441	-1371.769	1.323	-34.277
2951.665	106.753	78.830	-2.520	-1364.579	1.230	-33.301
2951.665	106.753	78.830	-2.603	-1378.312	1.138	-31.738
2951.665	106.408	78.830	-2.681	-1384.856	1.050	-30.420
2951.665	106.753	78.830	-2.759	-1378.312	0.972	-28.857
2951.665	106.753	78.830	-2.837	-1371.122	0.884	-26.465
2951.665	106.753	78.830	-2.915	-1391.399	0.796	-24.951
2951.665	106.753	78.830	-2.988	-1384.856	0.708	-25.000
2951.665	106.753	78.830	-3.071	-1384.209	0.625	-23.242
2951.665	106.753	78.830	-3.149	-1390.752	0.542	-21.387
2951.665	106.753	78.830	-3.228	-1351.492	0.454	-18.652
2951.665	106.753	78.830	-3.306	-1391.399	0.425	-8.984
2954.106	106.753	78.830	-3.384	-1318.774	0.425	-9.424
2954.106	106.753	78.830	-3.462	-991.601	0.425	-9.326
2956.547	106.753	78.830	-3.540	-776.314	0.420	-8.887
2966.313	106.753	78.830	-3.613	-716.776	0.420	-8.691
2980.961	106.753	78.830	-3.687	-710.880	0.420	-7.959
2995.610	106.753	78.830	-3.750	-697.793	0.420	-8.838
3007.817	106.753	78.830	-3.804	-684.706	0.420	-7.031
3017.582	106.753	78.830	-3.848	-665.076	0.420	-3.613
3020.024	106.753	78.830	-3.882	-534.854	0.420	-5.566
3022.465	106.753	78.830	-3.911	-567.571	0.420	-5.566
3022.465	106.753	78.830	-3.931	-554.484	0.420	-7.910
3022.465	106.753	78.830	-3.940	-554.484	0.420	-8.740
3020.024	106.753	78.830	-3.950	-554.484	0.420	-6.250
3017.582	106.753	78.830	-3.955	-547.940	0.420	-2.490
3015.141	106.753	78.830	-3.955	-547.940	0.425	-4.883
3010.258	106.753	78.830	-3.955	-547.940	0.420	-5.420
3010.258	106.753	78.830	-3.955	-541.397	0.420	-7.471
3005.375	106.753	78.830	-3.955	-534.854	0.444	-4.395

3005.375	106.753	79.175	-3.950	-364.077	0.635	7.617
2998.051	106.753	79.175	-3.950	-108.882	0.811	13.037
2980.961	106.753	79.175	-3.945	-63.078	0.967	16.846
2956.547	106.753	79.175	-3.940	-30.360	1.133	23.340
2932.133	106.753	79.175	-3.926	-10.730	1.333	21.240
2912.602	106.753	78.830	-3.896	-10.730	1.514	23.975
2902.836	106.753	78.830	-3.857	-10.730	1.655	32.666
2897.954	106.753	78.830	-3.799	-2.892	1.777	36.768
2897.954	106.753	78.830	-3.726	11.489	1.890	43.115
2902.836	106.753	78.830	-3.643	27.164	2.002	49.268
2912.602	106.753	78.830	-3.555	64.410	2.114	53.271
2922.368	106.753	78.830	-3.462	125.169	2.217	54.785
2932.133	106.753	78.830	-3.369	263.082	2.310	57.275
2944.340	106.753	78.830	-3.276	465.062	2.397	59.277
2954.106	106.753	78.830	-3.188	716.729	2.480	61.084
2961.430	106.753	78.830	-3.105	982.777	2.563	62.256
2966.313	106.753	78.830	-3.027	1234.444	2.637	63.037
2966.313	106.753	78.830	-2.954	1464.539	2.720	62.891
2968.754	106.753	78.830	-2.881	1651.491	2.798	63.281
2968.754	106.753	79.175	-2.817	1788.111	2.871	62.793
2966.313	106.753	79.175	-2.749	1867.853	2.949	61.426
2966.313	106.753	78.830	-2.686	1918.186	3.018	62.158
2963.872	106.753	79.175	-2.617	1946.301	3.091	64.404
2961.430	106.753	78.830	-2.549	1932.567	3.159	65.527
2958.989	106.753	78.830	-2.485	1918.186	3.228	67.041
2958.989	106.753	78.830	-2.417	1897.262	3.296	67.773
2958.989	106.753	78.830	-2.344	1875.690	3.359	69.092
2958.989	106.753	78.830	-2.271	1847.575	3.423	69.580
2958.989	106.753	78.830	-2.202	1840.385	3.491	70.654
2958.989	106.753	78.830	-2.129	1833.194	3.555	71.289
2961.430	106.753	78.830	-2.056	1826.651	3.623	71.094
2961.430	106.753	78.830	-1.982	1833.841	3.687	71.143
2961.430	106.753	78.830	-1.914	1827.298	3.750	71.143
2961.430	106.753	78.830	-1.846	1841.679	3.818	71.143
2961.430	106.753	78.830	-1.772	1848.869	3.887	71.143
2961.430	106.753	78.830	-1.704	1842.973	3.950	70.264
2961.430	106.753	78.830	-1.636	1850.163	4.014	69.336
2961.430	106.753	78.830	-1.572	1850.811	4.077	68.066
2961.430	106.753	78.830	-1.499	1850.811	4.141	66.650
2961.430	106.753	78.830	-1.431	1851.458	4.204	66.064
2961.430	106.753	78.830	-1.362	1845.561	4.263	65.137
2961.430	106.753	78.830	-1.294	1839.018	4.321	63.721
2961.430	106.753	78.830	-1.226	1839.665	4.375	62.549
2958.989	106.753	78.830	-1.152	1826.578	4.434	60.938
2958.989	106.753	78.830	-1.084	1833.768	4.497	60.400
2961.430	106.753	78.830	-1.016	1827.872	4.556	58.203
2958.989	106.753	78.830	-0.942	1821.975	4.614	55.371
2961.430	106.753	79.175	-0.869	1802.992	4.639	11.523
2961.430	106.753	79.175	-0.801	1797.096	4.639	10.742
2961.430	106.753	78.830	-0.728	1771.569	4.639	9.570
2961.430	106.753	78.830	-0.659	1753.232	4.639	8.594
2963.872	106.753	78.830	-0.591	1728.353	4.639	9.814
2961.430	106.753	79.175	-0.522	1670.109	4.639	8.203
2963.872	106.753	79.175	-0.454	1551.679	4.639	3.711

2971.196	106.753	79.175	-0.391	1363.933	4.639	8.496
2978.520	106.753	79.175	-0.327	1127.148	4.639	9.424
2993.168	106.753	78.830	-0.269	1009.512	4.639	5.957
3005.375	106.753	78.830	-0.210	842.837	4.639	4.980
3020.024	106.753	79.175	-0.166	621.874	4.639	3.955
3027.348	106.753	78.830	-0.132	427.084	4.639	8.105
3029.790	106.408	73.659	-0.088	254.512	4.639	11.328
3029.790	106.063	79.175	-0.078	117.893	4.634	10.986
3024.907	106.063	80.209	-0.078	16.579	4.614	5.566
3020.024	106.063	80.554	-0.083	-74.309	4.497	-7.910
3010.258	106.408	80.554	-0.088	-424.347	4.316	-4.639
2993.168	106.408	80.554	-0.088	-642.869	4.209	-10.889
2966.313	106.753	80.209	-0.098	-685.365	4.111	-22.021
2941.899	106.753	79.864	-0.112	-730.449	3.999	-25.537
2927.250	106.753	79.520	-0.137	-842.909	3.862	-26.660
2915.043	106.753	79.175	-0.176	-942.928	3.730	-27.002
2910.161	106.753	78.830	-0.225	-1043.595	3.574	-26.660
2912.602	106.753	78.830	-0.283	-1129.881	3.486	-28.271
2919.926	106.753	78.830	-0.352	-1208.976	3.418	-36.279
2924.809	106.753	78.830	-0.425	-1266.500	3.354	-41.162
2934.575	106.753	78.830	-0.508	-1322.730	3.286	-46.094
2941.899	106.753	78.830	-0.591	-1331.861	3.223	-50.146
2946.782	106.753	78.830	-0.674	-1365.226	3.154	-53.271
2951.665	106.753	78.830	-0.762	-1359.329	3.086	-56.152
2954.106	106.753	78.830	-0.845	-1352.786	3.018	-57.520
2954.106	106.753	78.830	-0.928	-1345.595	2.944	-58.984
2956.547	106.753	78.830	-1.011	-1325.318	2.871	-59.131
2956.547	106.753	78.830	-1.094	-1338.405	2.798	-57.471
2956.547	106.753	78.830	-1.177	-1344.301	2.715	-55.957
2954.106	106.753	78.830	-1.255	-1337.758	2.637	-54.834
2954.106	106.753	78.830	-1.338	-1337.758	2.559	-53.564
2954.106	106.753	79.175	-1.416	-1324.671	2.476	-51.611
2954.106	106.753	78.830	-1.499	-1337.758	2.397	-49.561
2951.665	106.753	78.830	-1.577	-1351.492	2.310	-46.973
2951.665	106.753	78.830	-1.655	-1331.861	2.222	-44.873
2949.223	106.753	78.830	-1.733	-1371.122	2.134	-42.041
2949.223	106.753	78.830	-1.812	-1358.035	2.041	-39.307
2949.223	106.753	78.830	-1.890	-1338.405	1.948	-39.014
2951.665	106.753	78.830	-1.968	-1378.312	1.860	-39.941
2951.665	106.753	79.175	-2.051	-1352.139	1.763	-37.842
2949.223	106.753	78.830	-2.129	-1364.579	1.680	-36.133
2951.665	106.753	78.830	-2.212	-1358.682	1.582	-36.572
2951.665	106.753	78.830	-2.295	-1351.492	1.489	-35.352
2951.665	106.753	79.175	-2.373	-1358.682	1.396	-34.277
2951.665	106.753	78.830	-2.456	-1352.139	1.309	-33.057
2951.665	106.753	78.830	-2.534	-1344.948	1.216	-31.445
2951.665	106.753	78.830	-2.612	-1352.139	1.128	-29.443
2951.665	106.753	79.175	-2.695	-1377.665	1.040	-27.246
2951.665	106.753	79.175	-2.773	-1364.579	0.952	-28.174
2951.665	106.753	78.830	-2.852	-1365.226	0.869	-25.879
2951.665	106.753	78.830	-2.925	-1390.752	0.781	-24.902
2951.665	106.753	79.175	-3.003	-1364.579	0.693	-23.730
2951.665	106.753	78.830	-3.081	-1378.312	0.610	-20.703
2951.665	106.753	78.830	-3.159	-1358.035	0.527	-21.240

2951.665	106.753	78.830	-3.237	-1377.665	0.444	-16.113
2951.665	106.753	79.175	-3.315	-1384.209	0.430	-8.252
2951.665	106.753	78.830	-3.394	-1292.600	0.430	-9.180
2951.665	106.753	78.830	-3.472	-966.075	0.430	-8.301
2954.106	106.753	78.830	-3.550	-762.580	0.430	-8.496
2963.872	106.753	78.830	-3.623	-730.510	0.425	-10.547
2978.520	106.753	79.175	-3.696	-717.423	0.425	-10.645
2993.168	106.753	78.830	-3.760	-691.249	0.425	-2.197
3005.375	106.753	79.175	-3.809	-684.706	0.425	-2.832
3012.700	106.753	79.175	-3.853	-685.353	0.425	-6.641
3017.582	106.753	79.175	-3.887	-547.940	0.425	-8.057
3020.024	106.753	79.175	-3.916	-561.027	0.425	-4.150
3022.465	106.753	79.175	-3.931	-554.484	0.425	-4.199
3024.907	106.753	79.175	-3.945	-547.940	0.425	-2.197
3022.465	106.753	78.830	-3.950	-554.484	0.425	-6.885
3020.024	106.753	78.485	-3.955	-554.484	0.488	1.221
3015.141	106.753	78.485	-3.955	-148.790	0.767	6.299
3000.493	106.753	78.485	-3.955	-89.898	0.933	23.438
2973.637	106.753	78.485	-3.955	-63.725	1.123	19.434
2946.782	106.753	78.485	-3.940	-50.638	1.357	21.680
2922.368	106.753	78.485	-3.916	-50.638	1.484	29.297
2907.719	106.753	78.830	-3.882	-44.094	1.602	40.771
2897.954	106.753	78.830	-3.828	-10.730	1.719	48.242
2895.512	106.753	79.175	-3.760	-10.730	1.841	55.127
2897.954	106.753	79.175	-3.682	3.651	1.953	60.205
2905.278	106.753	79.175	-3.594	12.136	2.070	63.574
2912.602	106.753	79.175	-3.501	35.001	2.188	64.551
2922.368	106.753	79.175	-3.408	80.085	2.295	66.162
2932.133	107.098	79.175	-3.311	168.959	2.388	68.262
2941.899	106.753	79.175	-3.218	334.987	2.471	69.238
2951.665	106.753	79.175	-3.130	551.348	2.554	70.117
2956.547	106.753	79.175	-3.042	810.205	2.637	70.068
2963.872	106.753	79.175	-2.964	1076.253	2.715	71.436
2966.313	106.753	78.830	-2.891	1320.729	2.798	70.801
2968.754	106.753	78.830	-2.817	1529.253	2.871	70.459
2966.313	106.753	78.830	-2.749	1695.281	2.944	69.873
2966.313	106.753	78.830	-2.686	1816.872	3.018	69.678
2963.872	106.753	79.175	-2.617	1889.424	3.086	70.898
2961.430	106.753	79.175	-2.554	1932.567	3.154	71.924
2961.430	106.753	78.830	-2.485	1939.758	3.223	73.047
2958.989	106.753	79.175	-2.417	1926.024	3.291	73.828
2958.989	106.753	79.175	-2.349	1918.186	3.354	74.072
2958.989	106.753	78.830	-2.275	1883.528	3.423	74.414
2958.989	106.753	79.175	-2.207	1868.500	3.486	74.609
2958.989	106.753	79.175	-2.134	1847.575	3.555	74.512
2958.989	106.753	79.175	-2.061	1840.385	3.618	75.000
2958.989	107.098	79.175	-1.987	1833.194	3.687	74.902
2958.989	106.753	79.175	-1.919	1827.298	3.750	75.146
2958.989	106.753	79.175	-1.846	1827.298	3.818	74.512
2958.989	106.753	79.175	-1.777	1834.488	3.887	73.633
2958.989	106.753	79.175	-1.709	1835.136	3.950	72.900
2958.989	106.753	79.175	-1.641	1842.326	4.009	72.168
2958.989	106.753	79.175	-1.572	1842.973	4.072	70.068
2958.989	106.753	79.175	-1.504	1843.620	4.136	70.264

2958.989	106.753	79.175	-1.436	1844.267	4.199	68.115
2958.989	106.753	79.175	-1.367	1844.914	4.258	66.748
2958.989	106.753	79.175	-1.299	1838.371	4.316	64.697
2958.989	106.753	79.175	-1.226	1832.474	4.375	63.672
2958.989	106.753	79.175	-1.157	1839.665	4.434	61.768
2956.547	106.753	78.830	-1.084	1826.578	4.492	60.742
2958.989	106.753	78.830	-1.016	1820.681	4.551	58.301
2958.989	106.753	79.175	-0.942	1808.241	4.609	56.006
2958.989	106.753	78.830	-0.874	1802.345	4.644	5.176
2958.989	106.753	79.175	-0.801	1796.449	4.644	9.717
2958.989	106.753	79.175	-0.732	1778.112	4.639	9.619
2958.989	106.753	79.175	-0.664	1746.042	4.644	8.643
2958.989	106.753	79.175	-0.596	1721.162	4.644	9.521
2958.989	106.753	79.175	-0.527	1649.831	4.644	8.887
2961.430	106.753	79.175	-0.459	1537.945	4.644	10.254
2966.313	106.753	77.451	-0.391	1350.846	4.644	5.371
2976.079	106.753	78.485	-0.327	1125.854	4.639	4.395
2988.286	106.753	78.830	-0.269	982.692 4.604	-0.439	
3002.934	106.753	79.175	-0.215	829.103 4.429	-3.955	
3010.258	106.753	79.175	-0.171	241.706 4.277	-2.490	
3000.493	106.753	79.520	-0.137	-104.877	4.180	-12.891
2980.961	106.753	79.175	-0.112	-374.234	4.102	-20.361
2963.872	107.098	79.175	-0.112	-570.965	4.028	-22.852
2946.782	106.753	79.175	-0.127	-805.662	3.955	-23.047
2934.575	107.098	78.830	-0.161	-986.071	3.872	-20.459
2924.809	107.098	78.830	-0.215	-1137.071	3.789	-21.875
2922.368	107.098	78.830	-0.283	-1264.559	3.696	-24.951
2924.809	107.098	78.830	-0.361	-1290.659	3.589	-26.172
2927.250	107.098	78.830	-0.444	-1366.520	3.472	-25.977
2932.133	106.753	78.830	-0.527	-1361.917	3.364	-25.781
2939.457	106.753	78.830	-0.615	-1375.004	3.257	-25.537
2944.340	106.753	79.175	-0.703	-1373.710	3.145	-26.367
2949.223	106.753	79.175	-0.786	-1346.889	3.071	-32.227
2951.665	106.753	79.175	-0.874	-1358.682	3.003	-35.010
2954.106	107.098	79.175	-0.957	-1344.301	2.930	-36.426
2954.106	107.098	79.175	-1.040	-1297.850	2.856	-39.355
2954.106	106.753	79.175	-1.123	-1316.833	2.778	-40.332
2954.106	107.098	79.175	-1.201	-1329.920	2.700	-40.527
2954.106	106.753	79.175	-1.279	-1350.198	2.622	-40.381
2951.665	106.753	78.830	-1.362	-1337.111	2.539	-39.111
2951.665	107.098	79.175	-1.440	-1357.388	2.461	-37.939
2951.665	106.753	79.175	-1.519	-1337.758	2.378	-37.109
2951.665	106.753	79.175	-1.597	-1351.492	2.290	-34.961
2949.223	106.753	79.175	-1.675	-1344.948	2.202	-33.105
2951.665	107.098	79.175	-1.753	-1338.405	2.109	-30.469
2951.665	107.098	79.175	-1.831	-1365.226	2.017	-27.979
2951.665	106.753	79.175	-1.914	-1352.139	1.929	-28.320
2951.665	106.753	79.175	-1.992	-1345.595	1.836	-28.369
2951.665	106.753	79.175	-2.070	-1371.769	1.748	-28.662
2951.665	106.753	79.175	-2.153	-1345.595	1.650	-28.857
2951.665	106.753	79.175	-2.236	-1365.226	1.558	-28.613
2951.665	106.753	79.175	-2.314	-1371.769	1.465	-28.857
2951.665	106.753	79.175	-2.397	-1358.682	1.377	-27.637
2951.665	106.753	79.175	-2.476	-1397.296	1.284	-27.246

2949.223	106.753	79.175	-2.559	-1378.312	1.191	-26.807
2951.665	106.753	79.175	-2.637	-1365.226	1.104	-26.318
2951.665	106.753	79.175	-2.715	-1371.122	1.021	-25.293
2951.665	106.753	79.175	-2.793	-1364.579	0.928	-24.023
2951.665	107.098	79.175	-2.871	-1364.579	0.845	-20.557
2951.665	106.753	79.175	-2.949	-1364.579	0.757	-20.459
2954.106	106.753	79.175	-3.027	-1358.682	0.674	-18.994
2951.665	106.753	79.175	-3.105	-1384.856	0.591	-17.725
2951.665	107.098	79.175	-3.184	-1377.665	0.503	-16.602
2949.223	107.098	79.175	-3.262	-1371.122	0.430	-13.330
2949.223	107.098	79.175	-3.340	-1358.035	0.430	-8.936
2949.223	107.098	79.175	-3.418	-1201.639	0.425	-9.180
2951.665	107.098	79.175	-3.496	-907.184	0.425	-8.203
2956.547	107.098	79.175	-3.569	-742.950	0.425	-9.229
2968.754	107.098	79.175	-3.647	-723.967	0.420	-8.301
2983.403	106.753	79.175	-3.716	-684.706	0.425	-8.398
2998.051	106.753	79.175	-3.774	-697.793	0.420	-3.271
3010.258	106.753	79.175	-3.823	-678.163	0.420	-8.154
3015.141	107.098	79.175	-3.862	-632.358	0.420	-4.102
3020.024	107.098	79.175	-3.896	-561.027	0.420	-3.174
3022.465	106.753	79.175	-3.921	-567.571	0.420	-2.344
3020.024	107.098	79.175	-3.936	-547.940	0.420	-8.984
3022.465	106.753	79.175	-3.945	-554.484	0.420	-8.545
3020.024	107.098	79.175	-3.955	-547.940	0.420	-7.031
3015.141	107.098	79.175	-3.960	-547.940	0.420	-3.125
3010.258	106.753	79.175	-3.955	-541.397	0.420	-3.223
3007.817	107.098	79.175	-3.960	-541.397	0.420	-6.055
3002.934	106.753	79.175	-3.950	-534.854	0.420	-6.982
3000.493	107.098	78.830	-3.950	-534.854	0.430	-5.566
3000.493	107.098	79.520	-3.950	-521.120	0.532	13.281
2995.610	107.098	79.864	-3.950	-135.056	0.762	10.938
2983.403	107.098	79.864	-3.950	-69.621	0.928	20.361
2961.430	107.098	79.520	-3.945	-23.817	1.108	24.463
2939.457	107.098	79.520	-3.936	-10.730	1.323	21.191
2919.926	106.753	79.520	-3.911	-10.730	1.504	24.365
2907.719	107.098	79.175	-3.872	-10.083	1.616	35.498
2900.395	106.753	79.175	-3.818	-2.892	1.738	43.164
2900.395	107.098	79.175	-3.755	4.945	1.851	49.072
2905.278	106.753	79.175	-3.677	33.707	1.963	55.225
2912.602	106.753	78.830	-3.584	64.410	2.075	58.301
2922.368	107.098	79.175	-3.496	117.978	2.183	62.500
2932.133	106.753	79.175	-3.403	248.701	2.275	64.648
2944.340	106.753	79.175	-3.311	450.034	2.363	66.064
2954.106	106.753	79.175	-3.223	687.967	2.446	67.773
2958.989	106.753	79.175	-3.140	954.015	2.529	68.799
2963.872	106.753	79.175	-3.057	1212.872	2.607	69.727
2966.313	106.753	79.175	-2.983	1442.968	2.686	70.850
2968.754	106.753	79.175	-2.910	1629.920	2.773	70.801
2968.754	106.753	79.175	-2.847	1773.730	2.842	69.678
2966.313	107.098	79.175	-2.778	1874.396	2.920	69.287
2966.313	106.753	79.175	-2.710	1924.730	2.993	69.043
2963.872	107.098	79.175	-2.646	1946.301	3.062	69.922
2961.430	106.753	79.175	-2.578	1939.758	3.135	70.312
2958.989	106.753	79.175	-2.515	1925.377	3.198	71.436

2958.989	106.753	79.175	-2.446	1903.805	3.267	72.461
2958.989	107.098	79.175	-2.373	1875.690	3.330	72.363
2958.989	107.098	79.175	-2.305	1847.575	3.398	72.363
2956.547	106.753	79.175	-2.231	1840.385	3.467	73.193
2956.547	106.753	79.175	-2.158	1826.004	3.530	72.705
2956.547	107.098	79.175	-2.090	1819.461	3.594	72.852
2956.547	107.098	79.175	-2.017	1819.461	3.662	72.656
2958.989	106.753	79.175	-1.943	1826.651	3.726	73.193
2958.989	106.753	79.175	-1.875	1827.298	3.794	72.705
2961.430	106.753	79.175	-1.802	1827.945	3.857	72.266
2958.989	107.098	79.175	-1.733	1842.326	3.921	72.168
2958.989	106.753	79.175	-1.665	1842.973	3.989	71.289
2958.989	107.098	79.175	-1.597	1850.163	4.053	70.410
2958.989	107.098	79.175	-1.528	1843.620	4.111	70.264
2956.547	106.753	79.175	-1.460	1844.267	4.175	68.701
2956.547	106.753	79.175	-1.392	1837.724	4.233	67.285
2956.547	107.098	79.175	-1.323	1844.914	4.292	65.674
2956.547	107.098	79.175	-1.255	1839.018	4.351	64.648
2956.547	106.753	79.175	-1.182	1839.665	4.414	62.695
2956.547	106.753	79.175	-1.113	1820.034	4.468	60.645
2956.547	106.753	79.175	-1.040	1814.138	4.531	58.838
2958.989	106.753	79.175	-0.972	1814.785	4.590	56.641
2956.547	107.098	79.175	-0.898	1802.345	4.639	31.494
2958.989	106.753	79.175	-0.830	1783.362	4.644	9.277
2958.989	106.753	79.175	-0.757	1784.656	4.644	9.717
2958.989	106.753	79.175	-0.688	1759.776	4.644	9.912
2958.989	107.098	79.175	-0.620	1727.706	4.644	10.645
2958.989	107.098	79.175	-0.552	1683.195	4.644	9.082
2961.430	107.098	79.175	-0.483	1585.044	4.644	3.516
2963.872	107.098	79.175	-0.420	1412.326	4.644	7.910
2973.637	106.753	79.520	-0.352	1229.182	4.644	7.666
2985.844	107.098	79.175	-0.293	1021.232	4.644	10.938
3000.493	107.098	79.175	-0.234	927.829	4.644	6.250
3012.700	107.098	79.175	-0.186	694.425	4.644	3.320
3022.465	106.063	79.175	-0.117	506.179	4.644	2.002
3027.348	105.719	78.830	-0.098	326.417	4.639	8.984
3027.348	105.374	80.209	-0.093	168.226	4.624	8.838
3022.465	105.374	81.243	-0.088	40.092	4.526	-4.053
3015.141	105.719	81.243	-0.088	-229.411	4.326	-4.004
2998.051	106.063	81.243	-0.088	-607.564	4.209	-17.334
2973.637	106.408	80.898	-0.098	-678.175	4.102	-23.779
2949.223	106.753	80.554	-0.107	-750.079	3.950	-25.537
2929.692	106.753	79.864	-0.132	-816.735	3.794	-24.805
2917.485	107.098	79.520	-0.166	-956.662	3.628	-26.465
2912.602	107.098	79.175	-0.215	-1043.595	3.560	-34.619
2912.602	107.098	79.175	-0.273	-1129.881	3.491	-38.916
2915.043	107.098	78.830	-0.342	-1202.433	3.428	-45.117
2919.926	107.098	78.830	-0.415	-1259.956	3.359	-50.000
2929.692	107.098	78.830	-0.498	-1290.012	3.296	-54.443
2937.016	107.098	79.175	-0.581	-1337.758	3.232	-57.422
2944.340	107.098	79.175	-0.664	-1332.508	3.164	-59.863
2946.782	107.098	79.175	-0.747	-1352.139	3.096	-62.109
2951.665	107.098	79.175	-0.830	-1359.329	3.027	-64.404
2954.106	106.753	79.175	-0.918	-1365.226	2.954	-65.869

2954.106	107.098	79.175	-1.001	-1351.492	2.881	-64.648
2954.106	106.753	79.175	-1.084	-1338.405	2.803	-64.404
2951.665	106.753	79.175	-1.167	-1331.214	2.729	-63.330
2951.665	107.098	79.175	-1.245	-1324.671	2.651	-61.914
2949.223	106.753	79.175	-1.323	-1370.475	2.568	-59.668
2946.782	107.098	79.175	-1.406	-1324.671	2.490	-57.324
2946.782	106.753	79.175	-1.484	-1331.214	2.407	-54.883
2944.340	107.098	79.175	-1.562	-1350.845	2.319	-52.539
2944.340	106.753	79.175	-1.641	-1358.035	2.231	-49.561
2944.340	107.098	79.175	-1.719	-1318.774	2.144	-46.680
2944.340	106.753	79.175	-1.802	-1344.948	2.051	-43.359
2944.340	107.098	79.175	-1.880	-1344.948	1.958	-42.139
2946.782	106.753	79.175	-1.958	-1364.579	1.870	-41.016
2946.782	107.098	79.175	-2.036	-1344.948	1.777	-40.479
2949.223	106.753	79.175	-2.119	-1371.122	1.685	-39.795
2949.223	107.098	79.175	-2.197	-1352.139	1.597	-38.232
2949.223	106.753	79.175	-2.280	-1358.035	1.504	-37.695
2949.223	107.098	79.175	-2.363	-1365.226	1.411	-37.012
2949.223	107.098	79.175	-2.441	-1364.579	1.318	-35.986
2949.223	107.098	79.175	-2.524	-1351.492	1.226	-34.961
2949.223	106.753	79.175	-2.603	-1338.405	1.143	-33.838
2949.223	107.098	79.175	-2.686	-1377.665	1.050	-32.324
2949.223	106.753	79.175	-2.759	-1351.492	0.962	-30.078
2951.665	107.098	79.175	-2.837	-1377.665	0.879	-28.809
2951.665	107.098	79.175	-2.915	-1397.296	0.791	-25.635
2949.223	107.098	79.175	-2.993	-1364.579	0.708	-25.000
2949.223	107.098	79.175	-3.071	-1371.122	0.620	-23.682
2949.223	106.753	79.175	-3.149	-1384.209	0.537	-22.070
2949.223	107.098	79.175	-3.228	-1371.769	0.454	-18.066
2951.665	107.098	79.175	-3.306	-1371.122	0.425	-10.938
2951.665	106.753	79.175	-3.389	-1299.144	0.425	-8.447
2951.665	107.098	79.175	-3.462	-998.145	0.425	-8.740
2954.106	107.098	79.175	-3.540	-782.211	0.420	-8.936
2963.872	107.098	79.175	-3.618	-716.776	0.420	-8.447
2976.079	107.098	79.175	-3.687	-717.423	0.425	-11.230
2990.727	107.098	79.175	-3.750	-691.249	0.425	-10.254
3002.934	107.098	79.175	-3.804	-684.706	0.420	-5.859
3012.700	107.098	79.520	-3.848	-671.619	0.420	-1.758
3017.582	107.098	79.520	-3.887	-567.571	0.420	-9.961
3020.024	106.753	79.175	-3.911	-567.571	0.425	-8.496
3022.465	107.098	79.175	-3.931	-547.940	0.420	-5.518
3022.465	107.098	79.175	-3.945	-554.484	0.420	-3.760
3022.465	107.098	79.175	-3.950	-554.484	0.420	-1.660
3017.582	107.098	79.175	-3.955	-561.027	0.420	-7.422
3015.141	107.098	79.175	-3.955	-547.940	0.420	-8.008
3012.700	106.753	70.557	-3.955	-541.397	0.420	-6.885
3007.817	107.098	77.796	-3.955	-547.940	0.430	-3.271
3005.375	107.098	78.830	-3.950	-534.854	0.581	4.541
2998.051	107.098	79.175	-3.950	-141.599	0.786	11.328
2983.403	107.098	79.520	-3.950	-63.078	0.947	20.264
2958.989	107.098	79.864	-3.945	-43.447	1.128	21.826
2934.575	107.098	79.864	-3.931	-17.273	1.338	21.973
2915.043	107.098	79.520	-3.906	-10.730	1.519	24.121
2902.836	107.098	79.520	-3.867	-3.539	1.631	33.643

2895.512	107.098	79.520	-3.813	-10.083	1.748	42.285
2895.512	107.098	79.520	-3.745	4.298	1.865	48.047
2900.395	107.098	79.175	-3.662	19.326	1.978	53.760
2907.719	107.098	79.175	-3.574	42.192	2.095	55.664
2917.485	107.098	79.175	-3.481	88.569	2.202	59.082
2929.692	107.098	79.175	-3.389	197.721	2.295	61.279
2941.899	107.098	79.175	-3.296	378.777	2.383	63.916
2951.665	107.098	79.175	-3.208	616.063	2.466	65.186
2958.989	107.098	79.175	-3.120	874.920	2.549	65.430
2963.872	107.098	79.175	-3.042	1133.777		2.627 66.748
2966.313	107.098	79.175	-2.964	1371.063		2.710 67.627
2968.754	107.098	79.175	-2.896	1579.587		2.788 67.432
2966.313	107.098	79.520	-2.822	1730.587		2.866 66.650
2963.872	107.098	79.175	-2.759	1838.444		2.939 66.553
2961.430	106.753	79.520	-2.690	1896.615		3.013 67.188
2961.430	107.098	79.175	-2.627	1925.377		3.081 68.359
2958.989	106.753	79.175	-2.563	1932.567		3.149 69.727
2958.989	106.753	79.175	-2.495	1925.377		3.218 70.459
2958.989	107.098	79.520	-2.427	1910.996		3.286 70.996
2956.547	107.098	79.520	-2.354	1875.690		3.350 71.191
2958.989	107.098	79.175	-2.280	1854.766		3.413 71.582
2958.989	107.098	79.175	-2.212	1840.385		3.481 72.510
2958.989	107.098	79.175	-2.139	1833.194		3.545 72.803
2958.989	107.098	79.520	-2.065	1833.194		3.613 72.266
2958.989	107.098	79.520	-1.997	1826.651		3.677 72.705
2958.989	107.098	79.175	-1.924	1820.108		3.745 72.461
2958.989	107.098	79.175	-1.855	1827.298		3.809 71.387
2961.430	107.098	79.520	-1.787	1827.945		3.877 71.484
2961.430	107.098	79.520	-1.714	1835.783		3.940 71.729
2961.430	107.098	79.175	-1.646	1829.239		4.004 70.557
2958.989	107.098	79.175	-1.577	1829.886		4.067 70.703
2958.989	107.098	79.520	-1.514	1843.620		4.131 69.580
2958.989	106.753	79.520	-1.445	1830.533		4.194 68.311
2958.989	107.098	79.520	-1.372	1831.180		4.253 67.676
2958.989	107.098	79.175	-1.304	1831.827		4.307 65.332
2961.430	107.098	79.175	-1.235	1832.474		4.370 64.453
2961.430	107.098	79.175	-1.162	1826.578		4.424 62.451
2961.430	107.098	79.175	-1.094	1820.034		4.482 60.791
2961.430	107.098	79.520	-1.021	1820.681		4.546 58.691
2961.430	107.098	79.175	-0.952	1808.241		4.604 55.859
2961.430	107.098	79.175	-0.879	1802.345		4.644 8.740
2961.430	107.098	79.520	-0.811	1783.362		4.639 9.424
2961.430	107.098	79.520	-0.737	1771.569		4.639 10.449
2961.430	107.098	79.175	-0.669	1739.499		4.639 9.961
2961.430	107.098	79.520	-0.601	1701.532		4.639 9.277
2961.430	107.098	79.175	-0.532	1657.022		4.639 8.887
2963.872	107.098	79.520	-0.464	1532.049		4.644 6.836
2968.754	107.098	79.175	-0.396	1351.493		4.644 9.375
2976.079	107.098	79.520	-0.337	1161.159		4.644 6.543
2988.286	107.098	79.520	-0.273	1011.453		4.644 5.273
3002.934	107.098	79.520	-0.220	870.952	4.644	4.004
3015.141	107.098	79.520	-0.171	630.358	4.644	9.033
3024.907	107.098	79.520	-0.137	448.655	4.644	10.010
3027.348	105.374	75.038	-0.083	276.084	4.644	10.352

3027.348	105.029	78.830	-0.078	125.731	4.639	4.150
3024.907	105.029	79.864	-0.078	24.417	4.604	1.562
3020.024	105.374	80.898	-0.083	-73.662	4.438	-3.418
3007.817	105.719	80.898	-0.088	-457.064		4.268 -3.027
2983.403	106.063	80.898	-0.093	-636.973		4.170 -18.359
2958.989	106.753	80.898	-0.103	-732.463		4.053 -27.490
2939.457	107.098	80.554	-0.122	-752.021		3.892 -24.756
2924.809	107.098	79.864	-0.146	-865.127		3.745 -26.855
2915.043	107.442	79.864	-0.186	-972.337		3.604 -26.904
2912.602	107.442	79.520	-0.234	-1072.357		3.530 -35.596
2915.043	107.442	79.175	-0.303	-1146.203		3.472 -42.041
2919.926	107.098	79.175	-0.371	-1237.738		3.398 -47.021
2927.250	107.098	79.175	-0.449	-1294.615		3.335 -51.514
2934.575	107.098	79.175	-0.532	-1297.850		3.271 -55.078
2941.899	107.098	79.175	-0.615	-1352.139		3.203 -57.617
2946.782	107.098	79.175	-0.698	-1365.873		3.135 -60.791
2951.665	107.098	79.175	-0.781	-1346.889		3.066 -63.037
2954.106	106.753	79.175	-0.869	-1352.786		2.998 -64.404
2954.106	107.098	79.520	-0.952	-1352.139		2.925 -64.551
2954.106	107.098	79.520	-1.035	-1344.948		2.852 -64.111
2954.106	107.098	79.520	-1.118	-1364.579		2.773 -64.307
2954.106	107.098	79.520	-1.196	-1324.671		2.695 -62.109
2951.665	107.098	79.520	-1.279	-1324.671		2.617 -59.912
2951.665	107.098	79.520	-1.362	-1337.758		2.539 -58.350
2949.223	107.098	79.520	-1.440	-1350.845		2.451 -56.543
2949.223	107.098	79.520	-1.519	-1357.388		2.373 -53.564
2949.223	107.098	79.520	-1.597	-1344.948		2.285 -50.977
2949.223	107.098	79.175	-1.675	-1351.492		2.197 -48.389
2949.223	107.098	79.520	-1.753	-1331.861		2.109 -44.531
2949.223	107.098	79.520	-1.831	-1397.943		2.017 -41.846
2949.223	107.098	79.520	-1.914	-1365.226		1.919 -41.162
2949.223	107.098	79.520	-1.992	-1338.405		1.831 -40.186
2949.223	107.098	79.520	-2.070	-1352.139		1.738 -39.160
2949.223	107.098	79.520	-2.153	-1345.595		1.646 -38.965
2951.665	107.098	79.520	-2.231	-1365.226		1.558 -37.598
2951.665	107.098	79.175	-2.314	-1371.769		1.460 -36.963
2951.665	107.098	79.520	-2.397	-1345.595		1.372 -35.791
2951.665	107.098	79.520	-2.476	-1358.682		1.279 -34.766
2951.665	106.753	79.520	-2.559	-1352.139		1.191 -34.229
2951.665	107.098	79.520	-2.637	-1371.769		1.099 -33.496
2951.665	107.098	79.520	-2.715	-1378.312		1.011 -31.396
2951.665	107.098	79.520	-2.793	-1365.226		0.928 -30.176
2951.665	107.098	79.520	-2.871	-1378.312		0.840 -27.832
2951.665	107.098	79.520	-2.949	-1371.769		0.752 -26.025
2954.106	107.098	79.520	-3.027	-1391.399		0.669 -24.805
2954.106	107.098	79.520	-3.105	-1397.943		0.586 -23.291
2954.106	107.098	79.520	-3.184	-1384.856		0.498 -20.215
2954.106	107.098	79.175	-3.262	-1397.296		0.425 -5.518
2951.665	107.098	79.520	-3.340	-1390.752		0.425 -9.473
2951.665	107.098	79.520	-3.418	-1188.552		0.430 -9.033
2954.106	107.098	79.520	-3.496	-887.553		0.425 -8.740
2958.989	107.098	79.520	-3.574	-749.494		0.425 -10.693
2968.754	107.098	79.520	-3.647	-730.510		0.425 -10.059
2985.844	107.098	79.520	-3.716	-691.249		0.425 -7.178

3000.493	107.098	79.520	-3.774	-697.793	0.420	-3.711
3010.258	107.098	79.520	-3.823	-698.440	0.420	-7.861
3015.141	107.098	79.175	-3.867	-587.201	0.420	-7.812
3017.582	107.098	79.520	-3.896	-561.027	0.420	-3.467
3020.024	107.098	79.520	-3.921	-561.027	0.420	-2.490
3022.465	107.098	79.520	-3.936	-568.218	0.420	-4.932
3022.465	107.098	79.520	-3.950	-547.940	0.425	-7.715
3020.024	107.098	79.520	-3.955	-541.397	0.420	-9.961
3017.582	107.098	79.520	-3.960	-547.940	0.420	-6.006
3015.141	107.098	79.520	-3.955	-547.940	0.420	-2.686
3010.258	107.098	79.520	-3.955	-541.397	0.425	-3.467
3007.817	107.098	79.520	-3.955	-541.397	0.420	-7.715
3005.375	107.098	79.175	-3.950	-541.397	0.425	-6.445
3002.934	107.098	79.520	-3.950	-521.120	0.503	11.914
3000.493	107.098	79.175	-3.950	-141.599	0.747	12.012
2988.286	107.098	79.520	-3.950	-62.431	0.908	15.039
2966.313	107.098	79.520	-3.945	-17.273	1.079	22.949
2941.899	107.098	79.175	-3.936	-3.539	1.299	22.510
2922.368	107.098	79.520	-3.916	-10.730	1.489	24.561
2907.719	107.098	79.520	-3.877	3.004	1.606	32.715
2900.395	107.098	79.520	-3.828	3.651	1.724	42.090
2897.954	107.098	79.520	-3.760	4.945	1.836	48.975
2902.836	107.098	79.520	-3.682	19.973	1.948	55.664
2907.719	107.098	79.520	-3.599	57.219	2.061	59.033
2919.926	107.098	79.520	-3.506	103.597	2.168	61.084
2929.692	107.098	79.520	-3.413	233.673	2.261	64.062
2941.899	107.098	79.520	-3.320	429.110	2.354	65.283
2951.665	107.098	79.520	-3.232	666.396	2.437	67.480
2958.989	107.098	79.520	-3.149	932.444	2.520	68.262
2966.313	107.098	79.520	-3.066	1191.301	2.598	69.092
2966.313	107.098	79.520	-2.993	1421.396	2.681	70.215
2968.754	106.753	79.520	-2.920	1615.539	2.754	70.117
2966.313	107.098	79.520	-2.852	1759.349	2.832	70.557
2966.313	107.098	79.520	-2.788	1860.015	2.910	69.580
2963.872	107.098	79.520	-2.720	1917.539	2.983	68.799
2961.430	107.098	79.520	-2.651	1932.567	3.057	69.629
2961.430	107.098	79.520	-2.588	1932.567	3.125	70.361
2958.989	107.098	79.520	-2.520	1911.643	3.188	71.729
2958.989	107.098	79.520	-2.451	1896.615	3.257	72.754
2956.547	107.098	79.520	-2.383	1868.500	3.325	72.217
2956.547	107.098	79.520	-2.314	1847.575	3.389	72.998
2956.547	107.098	79.520	-2.241	1833.194	3.452	73.242
2956.547	106.753	79.520	-2.168	1819.461	3.521	73.779
2956.547	107.098	79.520	-2.095	1819.461	3.584	72.656
2956.547	107.098	79.520	-2.026	1819.461	3.652	72.754
2958.989	107.098	79.520	-1.953	1826.651	3.721	72.949
2958.989	107.098	79.520	-1.880	1827.298	3.784	72.607
2958.989	107.098	79.520	-1.812	1827.945	3.848	72.021
2961.430	107.098	79.520	-1.743	1835.136	3.916	71.533
2961.430	107.098	79.520	-1.675	1835.783	3.979	71.533
2958.989	107.098	79.520	-1.606	1836.430	4.043	70.410
2958.989	107.098	79.520	-1.538	1829.886	4.106	69.824
2961.430	107.098	79.520	-1.465	1837.077	4.170	68.994
2961.430	107.098	79.520	-1.401	1837.724	4.229	68.164

2961.430	107.098 79.520	-1.333	1831.827	4.287	66.455
2961.430	107.098 79.520	-1.265	1831.827	4.346	65.479
2958.989	107.098 79.520	-1.191	1825.931	4.409	62.793
2961.430	107.098 79.520	-1.118	1820.034	4.463	61.914
2958.989	107.098 79.520	-1.050	1814.138	4.521	59.668
2958.989	107.098 79.520	-0.977	1814.785	4.580	57.324
2958.989	107.098 79.520	-0.908	1802.345	4.639	41.699
2958.989	107.098 79.520	-0.835	1783.362	4.644	8.887
2958.989	107.098 79.175	-0.767	1778.112	4.639	10.205
2958.989	107.098 79.520	-0.698	1759.129	4.639	10.107
2961.430	107.098 79.520	-0.625	1728.353	4.644	11.035
2961.430	107.098 79.520	-0.557	1676.652	4.644	9.180
2958.989	107.098 79.520	-0.493	1585.691	4.644	6.299
2963.872	107.098 79.520	-0.425	1412.973	4.639	5.664
2971.196	107.098 79.520	-0.361	1237.020	4.644	7.422
2980.961	107.098 79.520	-0.298	1056.537	4.644	10.059
2995.610	107.098 79.520	-0.239	956.591 4.644	5.957	
3010.258	107.098 79.520	-0.190	716.644 4.644	4.688	
3020.024	107.098 79.520	-0.146	535.588 4.644	4.150	
3024.907	107.098 79.520	-0.117	347.988 4.644	7.861	
3027.348	107.098 79.520	-0.098	189.798 4.644	11.621	
3027.348	107.098 79.520	-0.083	53.826 4.644	10.352	
3022.465	107.098 79.520	-0.083	-18.726 4.644	4.834	
3017.582	107.442 79.520	-0.078	-75.603 4.644	5.322	
3012.700	107.098 79.175	-0.083	-97.174 4.644	5.811	
3010.258	107.098 79.175	-0.083	-97.821 4.624	6.738	
3005.375	107.098 79.520	-0.093	-89.984 4.561	-1.367	
3000.493	107.098 79.520	-0.093	-160.021	4.351	-3.906
2988.286	107.098 79.864	-0.098	-512.720	4.209	-14.990
2966.313	107.098 79.864	-0.103	-579.449	4.121	-24.658
2946.782	107.098 79.520	-0.107	-663.147	3.960	-22.754
2927.250	107.098 79.520	-0.132	-755.976	3.804	-25.684
2917.485	107.098 79.864	-0.161	-844.203	3.662	-26.855
2910.161	107.098 79.520	-0.200	-972.984	3.569	-33.252
2907.719	107.098 79.520	-0.259	-1093.928	3.506	-41.260
2912.602	107.098 79.520	-0.327	-1193.948	3.442	-46.484
2919.926	107.098 79.520	-0.400	-1246.222	3.374	-52.295
2927.250	107.098 79.520	-0.479	-1316.186	3.311	-55.664
2934.575	107.098 79.520	-0.562	-1325.965	3.242	-59.326
2941.899	107.098 79.520	-0.649	-1340.346	3.179	-61.572
2946.782	107.098 79.520	-0.732	-1334.449	3.110	-64.014
2949.223	107.098 79.520	-0.815	-1347.536	3.042	-65.430
2951.665	107.098 79.520	-0.898	-1365.873	2.969	-66.650
2951.665	107.098 79.520	-0.986	-1359.329	2.896	-66.016
2951.665	107.098 79.520	-1.069	-1338.405	2.822	-64.697
2949.223	107.098 79.520	-1.152	-1338.405	2.744	-64.014
2946.782	107.098 79.520	-1.230	-1324.671	2.661	-62.158
2946.782	107.098 79.520	-1.309	-1318.127	2.588	-60.645
2949.223	107.098 79.520	-1.392	-1337.758	2.505	-58.691
2946.782	107.098 79.520	-1.470	-1337.758	2.422	-55.078
2946.782	107.098 79.520	-1.548	-1351.492	2.339	-52.344
2946.782	107.098 79.520	-1.626	-1331.861	2.251	-49.707
2946.782	107.098 79.520	-1.704	-1344.948	2.163	-46.924
2946.782	107.098 79.520	-1.782	-1351.492	2.070	-43.457

2946.782	107.098	79.520	-1.860	-1364.579	1.978	-42.090
2949.223	107.098	79.520	-1.938	-1371.769	1.890	-41.162
2949.223	107.098	79.520	-2.021	-1358.035	1.797	-41.455
2949.223	107.098	79.520	-2.100	-1371.769	1.709	-39.600
2949.223	107.098	79.520	-2.183	-1365.226	1.611	-39.844
2946.782	107.098	79.520	-2.266	-1352.139	1.519	-38.965
2949.223	107.098	79.520	-2.349	-1365.226	1.431	-38.184
2946.782	107.098	79.520	-2.427	-1378.312	1.338	-36.670
2949.223	107.098	79.520	-2.510	-1358.682	1.245	-34.619
2949.223	107.098	79.520	-2.588	-1384.856	1.157	-33.594
2949.223	107.098	79.520	-2.666	-1371.769	1.064	-31.982
2949.223	107.098	79.520	-2.744	-1365.226	0.981	-30.322
2949.223	107.098	79.520	-2.822	-1358.035	0.894	-28.906
2949.223	107.098	79.520	-2.900	-1404.486	0.811	-26.953
2949.223	107.098	79.520	-2.979	-1358.035	0.728	-23.975
2949.223	107.098	79.520	-3.057	-1371.122	0.645	-24.121
2949.223	107.098	79.520	-3.135	-1352.139	0.557	-22.363
2949.223	107.098	79.520	-3.213	-1378.312	0.469	-18.506
2949.223	107.098	79.520	-3.291	-1390.752	0.425	-8.154
2949.223	107.098	79.520	-3.369	-1344.948	0.435	-8.838
2951.665	107.098	79.520	-3.447	-1063.579	0.425	-8.740
2951.665	107.098	79.520	-3.525	-808.385	0.425	-9.473
2958.989	107.098	79.520	-3.599	-729.863	0.420	-9.277
2971.196	107.098	79.520	-3.672	-703.689	0.420	-9.082
2985.844	107.098	79.520	-3.740	-704.336	0.425	-10.596
3000.493	107.098	79.520	-3.794	-684.706	0.420	-4.102
3007.817	107.098	79.520	-3.843	-678.163	0.420	-3.516
3012.700	107.098	79.520	-3.877	-547.940	0.425	-5.371
3017.582	107.098	79.520	-3.906	-554.484	0.420	-8.252
3020.024	107.098	79.520	-3.926	-554.484	0.420	-7.324
3020.024	107.098	79.175	-3.940	-547.940	0.420	-5.029
3020.024	107.098	79.520	-3.950	-547.940	0.420	-2.246
3017.582	107.098	79.520	-3.955	-554.484	0.454	0.391
3015.141	107.098	79.520	-3.955	-240.398	0.703	6.592
3002.934	107.098	79.864	-3.955	-96.442	0.879	15.527
2980.961	107.098	79.864	-3.955	-63.725	1.050	24.072
2951.665	107.098	79.520	-3.945	-50.638	1.279	21.631
2927.250	107.098	79.520	-3.926	-57.828	1.460	28.125
2910.161	107.098	79.520	-3.892	-50.638	1.577	37.354
2900.395	107.098	79.520	-3.838	-24.464	1.694	44.531
2895.512	107.098	79.520	-3.774	-10.730	1.812	52.002
2897.954	107.098	79.520	-3.701	-2.892	1.929	57.178
2905.278	107.098	79.520	-3.618	4.945	2.046	62.109
2912.602	107.098	79.520	-3.525	27.811	2.158	63.232
2922.368	107.098	79.520	-3.428	65.704	2.266	62.305
2932.133	107.098	79.520	-3.330	140.197	2.368	63.623
2941.899	107.098	79.520	-3.237	291.844	2.456	64.844
2951.665	107.098	79.520	-3.145	508.205	2.539	67.236
2958.989	107.098	79.520	-3.062	767.063	2.622	68.506
2963.872	107.098	79.520	-2.983	1025.920	2.700	69.287
2966.313	107.098	79.520	-2.905	1277.587	2.778	68.750
2966.313	107.098	79.520	-2.832	1500.491	2.856	69.336
2968.754	107.098	79.520	-2.764	1673.063	2.930	68.164
2966.313	107.098	79.520	-2.700	1802.491	3.003	68.848

2963.872	107.098 79.520	-2.632	1882.234	3.071	70.361
2963.872	107.098 79.520	-2.563	1925.377	3.140	71.582
2963.872	107.098 79.520	-2.500	1939.758	3.213	72.412
2961.430	107.098 79.520	-2.432	1926.024	3.276	72.168
2958.989	107.098 79.520	-2.363	1911.643	3.345	72.412
2958.989	107.098 79.520	-2.295	1890.071	3.408	73.193
2958.989	107.098 79.520	-2.222	1861.956	3.472	73.730
2958.989	107.098 79.520	-2.148	1847.575	3.540	73.389
2958.989	107.098 79.520	-2.075	1826.651	3.604	73.486
2958.989	107.098 79.520	-2.002	1833.194	3.672	73.096
2958.989	107.098 79.520	-1.934	1820.108	3.735	73.340
2958.989	107.098 79.520	-1.865	1820.108	3.804	72.510
2961.430	107.098 79.520	-1.792	1820.755	3.867	71.680
2961.430	107.098 79.520	-1.724	1835.136	3.936	71.777
2963.872	107.098 79.520	-1.655	1835.783	3.999	71.094
2963.872	107.098 79.520	-1.587	1842.973	4.067	70.654
2961.430	107.098 79.520	-1.519	1837.077	4.126	70.459
2961.430	107.098 79.520	-1.450	1837.724	4.189	68.750
2961.430	107.098 79.520	-1.382	1844.914	4.243	67.236
2961.430	107.098 79.520	-1.313	1838.371	4.302	66.455
2961.430	107.098 79.520	-1.240	1825.931	4.360	64.697
2961.430	107.098 79.520	-1.172	1833.121	4.419	63.672
2961.430	107.098 79.520	-1.104	1833.768	4.482	61.084
2961.430	107.098 79.520	-1.030	1821.328	4.541	59.229
2961.430	107.098 79.520	-0.957	1815.432	4.600	56.885
2961.430	107.098 79.520	-0.889	1795.802	4.644	19.531
2961.430	107.098 79.520	-0.815	1784.009	4.644	9.570
2961.430	107.098 79.520	-0.747	1765.025	4.644	9.277
2961.430	107.098 79.520	-0.679	1732.955	4.644	10.059
2961.430	107.098 79.520	-0.605	1701.532	4.644	9.912
2961.430	107.098 79.520	-0.542	1650.478	4.644	10.107
2963.872	107.098 79.520	-0.474	1526.153	4.644	6.250
2968.754	107.098 79.520	-0.405	1359.978	4.648	15.088
2976.079	114.682 79.520	-0.342	1182.731	4.644	6.885
2990.727	107.098 76.417	-0.273	1053.949	4.644	5.225
3005.375	107.098 78.141	-0.220	914.095 4.629	3.467	
3017.582	107.098 79.520	-0.176	673.501 4.575	-0.732	
3027.348	107.098 80.209	-0.142	432.907 4.380	-1.221	
3022.465	107.098 80.898	-0.112	-134.213	4.233	-7.275
3002.934	107.098 80.898	-0.098	-379.410	4.150	-16.748
2978.520	107.098 80.898	-0.093	-598.432	4.077	-21.777
2954.106	107.098 80.554	-0.107	-764.460	4.004	-23.340
2937.016	107.098 80.209	-0.132	-908.917	3.926	-22.754
2924.809	107.098 80.209	-0.181	-1072.357	3.838	-25.537
2919.926	107.098 79.864	-0.239	-1180.214	3.740	-27.393
2919.926	107.098 79.520	-0.308	-1259.309	3.623	-26.318
2922.368	107.098 79.520	-0.386	-1303.746	3.511	-26.514
2929.692	107.098 79.520	-0.469	-1332.508	3.398	-25.928
2937.016	107.098 79.175	-0.552	-1353.433	3.286	-26.074
2944.340	107.098 79.175	-0.640	-1380.254	3.193	-28.174
2949.223	107.098 79.175	-0.728	-1353.433	3.125	-33.008
2954.106	107.098 79.520	-0.811	-1325.965	3.057	-37.891
2956.547	107.098 79.520	-0.894	-1325.965	2.983	-41.650
2956.547	107.442 79.520	-0.977	-1337.758	2.915	-44.043

2956.547	107.098	79.520	-1.060	-1330.567	2.832	-43.018
2956.547	107.098	79.520	-1.143	-1330.567	2.759	-42.773
2954.106	107.098	79.520	-1.221	-1337.111	2.681	-41.846
2954.106	107.098	79.520	-1.304	-1324.671	2.603	-42.090
2954.106	107.442	79.864	-1.382	-1344.301	2.520	-41.504
2954.106	107.098	79.520	-1.460	-1324.671	2.437	-40.820
2951.665	107.098	79.864	-1.538	-1364.579	2.354	-39.453
2951.665	107.098	79.520	-1.616	-1338.405	2.266	-37.305
2951.665	107.098	79.864	-1.694	-1325.318	2.178	-35.498
2951.665	107.098	79.520	-1.772	-1358.682	2.085	-32.764
2951.665	107.098	79.864	-1.851	-1371.769	1.992	-31.299
2951.665	107.098	79.520	-1.934	-1358.682	1.899	-32.080
2951.665	107.098	79.520	-2.012	-1345.595	1.812	-31.201
2954.106	107.098	79.520	-2.090	-1352.139	1.719	-30.762
2954.106	107.098	79.864	-2.173	-1358.682	1.626	-30.176
2954.106	107.098	79.864	-2.256	-1365.226	1.533	-29.395
2954.106	107.442	79.864	-2.339	-1358.682	1.445	-28.760
2954.106	107.098	79.864	-2.417	-1344.948	1.353	-28.125
2954.106	107.098	79.520	-2.500	-1371.122	1.260	-26.904
2954.106	107.098	79.520	-2.578	-1358.035	1.172	-26.514
2951.665	107.098	79.864	-2.656	-1365.226	1.079	-25.391
2951.665	107.098	79.520	-2.734	-1378.312	0.996	-24.219
2951.665	107.098	79.520	-2.812	-1371.769	0.908	-23.975
2951.665	107.098	79.520	-2.891	-1397.943	0.820	-22.949
2954.106	107.098	79.520	-2.969	-1371.122	0.737	-22.070
2951.665	107.098	79.864	-3.047	-1371.769	0.649	-20.312
2951.665	107.098	79.520	-3.125	-1384.209	0.566	-18.799
2951.665	107.442	79.520	-3.203	-1371.769	0.483	-17.578
2951.665	107.098	79.520	-3.281	-1364.579	0.430	-8.789
2951.665	107.098	79.520	-3.359	-1344.948	0.430	-8.838
2954.106	107.098	79.520	-3.438	-1102.840	0.425	-8.154
2954.106	107.098	79.520	-3.511	-835.206	0.425	-8.350
2961.430	107.098	79.520	-3.589	-736.407	0.425	-11.182
2971.196	107.098	79.520	-3.662	-717.423	0.425	-8.105
2988.286	107.442	79.864	-3.730	-704.336	0.425	-6.885
3000.493	107.098	79.864	-3.789	-704.336	0.420	-6.934
3010.258	107.442	79.520	-3.838	-691.896	0.420	-7.373
3015.141	107.098	79.864	-3.877	-547.293	0.425	-3.857
3020.024	107.442	79.520	-3.901	-547.293	0.420	-1.709
3022.465	107.442	79.864	-3.926	-554.484	0.420	-3.369
3022.465	107.442	79.864	-3.940	-554.484	0.425	-9.424
3022.465	107.098	79.864	-3.950	-561.027	0.420	-9.570
3020.024	107.442	79.520	-3.955	-547.940	0.425	-5.322
3015.141	107.098	79.520	-3.960	-547.940	0.420	-1.953
3010.258	107.098	79.520	-3.955	-541.397	0.420	-3.662
3007.817	107.098	79.520	-3.955	-547.940	0.420	-8.057
3002.934	107.442	79.520	-3.955	-547.940	0.420	-8.154
3000.493	107.442	79.520	-3.950	-527.663	0.420	-8.105
3000.493	107.442	79.520	-3.950	-521.120	0.425	-2.002
2998.051	107.098	79.520	-3.950	-507.386	0.513	15.039
2998.051	107.098	79.520	-3.945	-127.865	0.762	14.014
2985.844	107.098	79.864	-3.945	-23.170	0.918	22.217
2963.872	107.442	79.864	-3.945	-10.083	1.113	25.195
2939.457	107.098	79.864	-3.936	-3.539	1.338	21.582

2922.368	107.442	79.864	-3.911	3.004	1.494	27.734
2905.278	107.098	79.864	-3.877	3.651	1.611	40.088
2897.954	107.442	79.864	-3.823	-2.892	1.729	47.021
2897.954	107.098	79.520	-3.755	18.679	1.841	53.369
2900.395	107.098	79.520	-3.677	34.354	1.953	58.740
2907.719	107.442	79.520	-3.594	65.704	2.065	62.109
2917.485	107.098	79.520	-3.501	147.387	2.168	65.186
2929.692	107.442	79.520	-3.408	306.872	2.261	68.408
2941.899	107.442	79.864	-3.320	529.777	2.349	69.238
2951.665	107.098	79.864	-3.232	788.634	2.432	70.752
2961.430	107.442	79.520	-3.149	1047.491	2.515	71.680
2963.872	107.098	79.520	-3.071	1305.701	2.593	72.461
2968.754	107.098	79.520	-2.998	1514.872	2.676	72.900
2966.313	107.098	79.864	-2.925	1687.444	2.754	72.412
2966.313	107.098	79.520	-2.856	1809.682	2.827	72.168
2963.872	107.098	79.864	-2.793	1882.234	2.905	71.289
2963.872	107.098	79.864	-2.725	1925.377	2.979	69.971
2961.430	107.098	79.864	-2.661	1939.111	3.052	71.680
2958.989	107.098	79.864	-2.593	1925.377	3.120	72.656
2958.989	107.098	79.520	-2.524	1910.996	3.188	73.389
2956.547	107.098	79.864	-2.456	1882.881	3.257	74.365
2956.547	107.098	79.520	-2.388	1868.500	3.320	74.365
2956.547	107.442	79.520	-2.314	1846.928	3.384	75.293
2956.547	107.098	79.520	-2.246	1826.004	3.452	74.707
2958.989	107.098	79.864	-2.173	1826.004	3.516	74.561
2958.989	107.098	79.864	-2.100	1819.461	3.584	73.975
2961.430	107.098	79.520	-2.026	1819.461	3.652	74.170
2961.430	107.442	79.520	-1.958	1820.108	3.711	73.730
2958.989	107.442	79.520	-1.885	1827.298	3.784	72.852
2958.989	107.442	79.864	-1.816	1827.945	3.848	73.438
2958.989	107.442	79.864	-1.748	1835.136	3.911	72.559
2958.989	107.098	79.520	-1.680	1829.239	3.975	71.631
2958.989	107.442	79.520	-1.611	1836.430	4.038	70.410
2956.547	107.442	79.864	-1.543	1837.077	4.106	69.238
2954.106	107.098	79.520	-1.470	1837.724	4.165	69.385
2954.106	107.442	79.864	-1.406	1831.180	4.224	68.018
2954.106	107.442	79.864	-1.338	1831.827	4.282	66.504
2954.106	107.098	79.520	-1.265	1832.474	4.341	65.869
2954.106	107.098	79.864	-1.196	1819.387	4.399	63.721
2954.106	107.098	79.520	-1.128	1813.491	4.458	62.354
2956.547	107.098	79.520	-1.055	1806.947	4.521	60.449
2956.547	107.098	79.520	-0.981	1801.051	4.580	58.105
2956.547	107.442	79.520	-0.913	1788.611	4.634	47.412
2956.547	107.098	79.864	-0.840	1776.171	4.644	14.209
2956.547	107.442	79.520	-0.771	1757.835	4.644	10.303
2956.547	107.442	79.864	-0.703	1732.308	4.644	10.449
2956.547	107.442	79.520	-0.630	1714.619	4.644	9.863
2958.989	107.098	79.520	-0.562	1663.565	4.644	10.107
2958.989	107.098	79.864	-0.493	1566.060	4.644	3.760
2961.430	107.098	79.520	-0.430	1407.723	4.644	11.670
2968.754	107.098	71.591	-0.361	1244.857	4.644	10.742
2978.520	107.098	79.520	-0.298	1091.196	4.639	4.590
2993.168	107.098	79.864	-0.244	971.619	4.619	2.490
3007.817	107.442	80.209	-0.190	725.775	4.463	-4.346

3015.141	107.098	80.209	-0.151	216.252	4.297	-12.500
3005.375	107.098	80.209	-0.122	-149.314	4.189	-17.871
2985.844	107.098	80.209	-0.103	-410.833	4.097	-20.117
2963.872	107.098	79.864	-0.103	-626.547	3.994	-24.854
2944.340	107.098	79.864	-0.122	-820.690	3.853	-25.488
2929.692	107.098	79.864	-0.156	-993.262	3.726	-27.637
2919.926	107.442	79.864	-0.210	-1117.441	3.579	-26.660
2915.043	107.098	79.520	-0.273	-1244.928	3.477	-27.344
2915.043	107.442	79.520	-0.352	-1297.203	3.408	-35.303
2917.485	107.098	79.520	-0.435	-1353.433	3.345	-41.162
2924.809	107.442	79.520	-0.518	-1348.183	3.281	-44.971
2929.692	107.442	79.520	-0.605	-1368.461	3.213	-48.828
2934.575	107.442	79.520	-0.688	-1387.444	3.149	-51.758
2939.457	107.442	79.520	-0.776	-1346.889	3.081	-55.518
2941.899	107.442	79.864	-0.859	-1339.052	3.008	-56.982
2944.340	107.098	79.864	-0.942	-1325.318	2.935	-58.545
2946.782	107.098	79.520	-1.025	-1311.584	2.866	-58.350
2946.782	107.098	79.864	-1.108	-1304.393	2.788	-57.129
2946.782	107.098	79.864	-1.187	-1297.850	2.710	-55.859
2946.782	107.442	79.864	-1.270	-1317.480	2.627	-54.150
2944.340	107.442	79.864	-1.348	-1324.024	2.554	-52.832
2944.340	107.098	79.864	-1.426	-1363.931	2.471	-50.586
2944.340	107.442	79.864	-1.504	-1331.214	2.388	-49.072
2944.340	107.442	79.864	-1.582	-1344.948	2.300	-46.924
2944.340	107.442	79.864	-1.665	-1364.579	2.217	-44.434
2944.340	107.442	79.864	-1.738	-1318.774	2.124	-41.748
2944.340	107.442	79.864	-1.816	-1344.948	2.036	-39.844
2941.899	107.098	79.864	-1.899	-1377.665	1.938	-39.014
2941.899	107.442	79.864	-1.978	-1352.139	1.846	-38.135
2941.899	107.442	79.864	-2.056	-1365.226	1.758	-37.793
2941.899	107.098	79.520	-2.139	-1352.139	1.665	-36.719
2941.899	107.098	79.520	-2.222	-1351.492	1.572	-36.914
2941.899	107.098	79.864	-2.305	-1364.579	1.479	-35.547
2944.340	107.098	79.864	-2.383	-1358.682	1.392	-33.936
2944.340	107.442	79.520	-2.466	-1358.682	1.299	-33.105
2944.340	107.098	79.520	-2.544	-1358.035	1.206	-31.006
2946.782	107.098	79.864	-2.622	-1358.035	1.118	-29.883
2946.782	107.442	79.864	-2.700	-1358.682	1.030	-29.443
2946.782	107.098	79.864	-2.778	-1352.139	0.947	-27.344
2946.782	107.442	79.520	-2.856	-1378.312	0.859	-26.367
2946.782	107.098	79.864	-2.935	-1344.948	0.771	-23.730
2946.782	107.098	79.864	-3.013	-1358.682	0.693	-23.584
2949.223	107.098	79.864	-3.091	-1358.035	0.605	-22.754
2949.223	107.098	79.864	-3.169	-1378.312	0.518	-21.289
2946.782	107.098	79.864	-3.247	-1364.579	0.435	-16.260
2949.223	107.442	79.864	-3.325	-1371.122	0.435	-8.789
2946.782	107.098	79.864	-3.403	-1253.340	0.430	-8.545
2946.782	107.442	79.864	-3.481	-939.254	0.430	-8.447
2949.223	107.442	79.864	-3.560	-762.580	0.430	-8.398
2958.989	107.442	79.864	-3.633	-723.967	0.430	-9.863
2973.637	107.442	79.864	-3.701	-704.336	0.430	-7.275
2988.286	107.442	79.864	-3.765	-704.336	0.425	-2.051
3000.493	107.098	79.864	-3.818	-691.896	0.425	-7.324
3005.375	107.442	79.864	-3.857	-665.076	0.425	-9.863

3010.258	107.442	79.864	-3.892	-554.484	0.425	-6.055
3015.141	107.442	79.864	-3.921	-561.027	0.425	-3.369
3015.141	107.098	79.864	-3.936	-547.940	0.425	-4.102
3017.582	107.442	79.864	-3.945	-554.484	0.425	-8.594
3015.141	107.442	79.864	-3.955	-547.940	0.425	-8.545
3010.258	107.442	79.864	-3.960	-547.940	0.425	-6.836
3007.817	107.442	79.864	-3.955	-547.940	0.425	-2.148
3002.934	107.098	79.864	-3.955	-541.397	0.425	-1.416
2998.051	107.442	79.864	-3.955	-534.854	0.425	-8.984
2995.610	107.442	79.864	-3.955	-528.310	0.425	-7.129
2993.168	107.098	79.864	-3.950	-527.663	0.425	-7.129
2993.168	107.098	79.520	-3.950	-521.120	0.430	-3.955
2990.727	107.442	79.864	-3.950	-508.033	0.498	0.293
2990.727	107.442	79.864	-3.945	-160.582	0.742	4.834
2983.403	107.442	79.864	-3.945	-23.170	0.908	27.051
2963.872	107.098	79.864	-3.945	-10.083	1.069	24.902
2937.016	107.098	79.864	-3.940	-3.539	1.289	21.094
2917.485	107.098	79.864	-3.921	-3.539	1.475	25.537
2900.395	107.442	79.864	-3.887	-3.539	1.592	36.328
2890.629	107.098	79.864	-3.838	10.842	1.704	44.141
2885.747	107.442	79.864	-3.770	25.222	1.816	51.855
2888.188	107.098	79.864	-3.696	54.631	1.929	55.908
2895.512	107.442	79.864	-3.613	85.981	2.041	61.035
2905.278	107.098	79.864	-3.521	154.578	2.139	64.795
2919.926	107.442	79.864	-3.428	313.415	2.231	67.285
2932.133	107.442	79.864	-3.345	536.320	2.324	68.848
2941.899	107.442	79.864	-3.257	788.634	2.407	70.020
2951.665	107.098	79.864	-3.174	1054.035	2.490	71.094
2958.989	107.098	79.864	-3.091	1299.158	2.573	70.996
2961.430	107.098	79.864	-3.018	1507.682	2.646	72.217
2961.430	107.442	79.864	-2.949	1680.253	2.729	71.582
2961.430	107.098	79.864	-2.881	1802.491	2.803	70.459
2958.989	107.442	79.864	-2.812	1881.587	2.881	70.264
2956.547	107.098	79.864	-2.749	1910.996	2.954	69.971
2954.106	107.098	79.864	-2.681	1931.920	3.027	69.873
2951.665	107.098	79.520	-2.617	1917.539	3.096	71.094
2951.665	107.098	79.864	-2.549	1896.615	3.164	72.119
2949.223	107.098	79.520	-2.480	1868.500	3.232	73.291
2949.223	107.098	79.864	-2.412	1846.928	3.301	73.779
2949.223	107.098	79.864	-2.339	1833.194	3.364	73.975
2949.223	107.098	79.864	-2.266	1825.357	3.428	75.098
2949.223	107.098	79.864	-2.197	1805.080	3.496	75.000
2951.665	107.442	79.864	-2.124	1812.270	3.560	74.609
2951.665	107.098	79.864	-2.051	1819.461	3.628	74.072
2954.106	107.442	79.864	-1.982	1812.917	3.691	74.268
2954.106	107.442	79.864	-1.909	1813.564	3.760	72.412
2954.106	107.442	79.864	-1.841	1827.945	3.823	72.510
2954.106	107.442	79.864	-1.772	1835.136	3.887	72.021
2956.547	107.442	79.864	-1.699	1835.783	3.950	71.191
2956.547	107.442	79.864	-1.636	1836.430	4.019	70.703
2956.547	107.442	79.864	-1.567	1836.430	4.082	69.824
2956.547	107.442	79.864	-1.494	1830.533	4.146	69.043
2956.547	107.098	79.864	-1.431	1831.180	4.204	67.334
2956.547	107.098	79.864	-1.357	1838.371	4.263	66.504

2956.547	107.442	79.864	-1.294	1831.827	4.321	66.504
2956.547	107.098	79.864	-1.221	1832.474	4.380	63.867
2956.547	107.098	79.864	-1.152	1820.034	4.438	62.891
2956.547	107.442	79.864	-1.079	1820.681	4.497	61.572
2956.547	107.098	79.864	-1.011	1807.594	4.556	59.619
2954.106	107.442	79.864	-0.938	1795.155	4.614	55.664
2954.106	107.098	79.864	-0.869	1782.715	4.644	8.838
2954.106	107.098	79.864	-0.796	1763.731	4.644	9.912
2956.547	107.098	79.864	-0.728	1745.395	4.644	10.303
2956.547	107.442	79.864	-0.654	1706.781	4.644	9.229
2956.547	107.442	79.864	-0.586	1676.005	4.644	10.107
2956.547	107.442	79.864	-0.518	1591.587	4.644	3.955
2958.989	107.098	79.864	-0.454	1454.174	4.644	8.301
2966.313	107.442	79.864	-0.386	1293.249	4.644	11.426
2973.637	107.442	79.864	-0.322	1147.426	4.644	4.590
2985.844	107.098	79.864	-0.264	1043.524	4.644	4.590
3000.493	107.442	79.864	-0.210	837.588	4.648	7.568
3012.700	107.442	79.864	-0.161	636.255	4.644	10.498
3022.465	107.442	79.864	-0.127	441.465	4.644	11.328
3024.907	107.442	79.864	-0.103	268.893	4.644	4.395
3024.907	107.098	79.864	-0.088	111.350	4.644	3.369
3020.024	107.442	79.864	-0.083	17.226	4.644	5.225
3012.700	107.098	79.864	-0.078	-61.222	4.644	9.668
3007.817	107.442	79.864	-0.078	-83.440	4.644	10.498
3002.934	107.442	79.520	-0.073	-97.821	4.644	4.004
2998.051	107.442	78.141	-0.083	-97.821	4.639	3.223
2998.051	107.442	79.175	-0.088	-76.250	4.624	3.174
2995.610	107.442	80.209	-0.098	-87.396	4.478	-4.102
2988.286	107.442	80.554	-0.103	-432.905	4.253	-17.188
2973.637	107.098	80.898	-0.107	-537.600	4.165	-24.414
2951.665	107.442	80.898	-0.107	-613.460	4.033	-26.758
2932.133	107.442	80.554	-0.122	-685.365	3.848	-25.781
2919.926	107.098	80.554	-0.146	-812.853	3.696	-26.514
2910.161	107.442	80.209	-0.181	-928.547	3.604	-34.473
2907.719	107.442	80.209	-0.229	-1030.508	3.535	-43.262
2907.719	107.442	79.864	-0.288	-1138.365	3.472	-49.902
2912.602	107.098	79.864	-0.361	-1197.830	3.408	-54.541
2919.926	107.442	79.520	-0.439	-1275.631	3.345	-58.447
2927.250	107.442	79.520	-0.518	-1325.318	3.276	-61.475
2937.016	107.442	79.520	-0.601	-1359.976	3.213	-64.160
2941.899	107.442	79.520	-0.688	-1347.536	3.145	-66.260
2946.782	107.442	79.864	-0.771	-1360.623	3.076	-68.262
2949.223	107.442	79.864	-0.854	-1380.254	3.008	-68.457
2949.223	107.442	79.864	-0.942	-1346.242	2.935	-68.506
2951.665	107.442	79.864	-1.021	-1352.139	2.861	-67.139
2951.665	107.442	79.864	-1.108	-1325.318	2.783	-66.602
2949.223	107.442	79.864	-1.187	-1350.845	2.700	-64.990
2949.223	107.442	79.864	-1.270	-1331.214	2.622	-63.379
2946.782	107.442	79.864	-1.348	-1337.758	2.544	-61.475
2946.782	107.442	79.864	-1.426	-1331.214	2.466	-59.424
2946.782	107.442	79.864	-1.504	-1331.861	2.383	-56.250
2944.340	107.442	79.864	-1.587	-1331.861	2.295	-53.564
2941.899	107.098	79.864	-1.665	-1338.405	2.207	-50.439
2944.340	107.098	79.864	-1.743	-1344.948	2.119	-47.314

2944.340	107.442	79.864	-1.821	-1365.226	2.021	-44.775
2944.340	107.098	79.864	-1.899	-1358.035	1.934	-43.359
2946.782	107.098	79.864	-1.982	-1371.769	1.841	-42.188
2946.782	107.442	79.864	-2.061	-1339.052	1.748	-41.260
2946.782	107.442	79.864	-2.144	-1378.312	1.660	-40.674
2946.782	107.098	79.864	-2.222	-1378.312	1.567	-39.844
2946.782	107.442	79.864	-2.305	-1397.943	1.475	-38.818
2946.782	107.442	79.864	-2.388	-1371.769	1.382	-37.842
2946.782	107.442	79.864	-2.466	-1364.579	1.294	-36.670
2946.782	107.442	79.864	-2.549	-1358.035	1.206	-35.400
2946.782	107.442	79.864	-2.627	-1364.579	1.113	-34.668
2946.782	107.442	79.864	-2.705	-1358.682	1.025	-32.715
2946.782	107.442	79.864	-2.783	-1351.492	0.938	-30.176
2946.782	107.442	79.864	-2.861	-1384.856	0.854	-28.564
2946.782	107.098	79.864	-2.935	-1377.665	0.767	-27.539
2946.782	107.442	79.864	-3.018	-1371.122	0.679	-26.611
2946.782	107.442	79.864	-3.091	-1371.769	0.596	-23.291
2946.782	107.442	79.864	-3.174	-1364.579	0.513	-21.680
2946.782	107.442	79.864	-3.247	-1358.682	0.435	-17.676
2949.223	107.442	79.864	-3.330	-1378.312	0.425	-9.277
2949.223	107.442	79.864	-3.408	-1227.166	0.430	-8.301
2949.223	107.442	79.864	-3.486	-933.357	0.425	-8.936
2951.665	107.442	79.864	-3.560	-776.314	0.430	-8.545
2961.430	107.442	79.864	-3.638	-723.967	0.425	-8.838
2976.079	107.442	79.864	-3.706	-704.336	0.425	-9.277
2993.168	107.442	79.864	-3.765	-704.336	0.425	-4.785
3002.934	107.442	79.864	-3.813	-685.353	0.425	-6.592
3010.258	107.442	79.864	-3.862	-619.918	0.425	-2.979
3015.141	107.098	79.864	-3.896	-561.027	0.425	-1.562
3017.582	107.442	79.864	-3.916	-561.027	0.425	-5.371
3020.024	107.442	79.864	-3.936	-554.484	0.425	-7.129
3020.024	107.442	79.864	-3.945	-554.484	0.425	-7.959
3017.582	107.442	79.864	-3.955	-547.940	0.425	-5.713
3015.141	107.442	79.864	-3.955	-547.940	0.430	-1.562
3010.258	107.442	79.864	-3.955	-554.484	0.518	2.344
3005.375	107.442	79.864	-3.955	-155.333	0.757	14.355
2990.727	107.442	79.864	-3.950	-83.355	0.908	16.895
2966.313	107.442	79.864	-3.950	-57.181	1.104	24.023
2939.457	107.442	79.864	-3.936	-50.638	1.323	21.484
2917.485	107.442	79.864	-3.916	-50.638	1.489	30.518
2902.836	107.442	79.864	-3.877	-10.730	1.606	37.256
2893.071	107.442	79.864	-3.823	-10.730	1.729	45.312
2893.071	107.442	79.864	-3.755	-10.083	1.841	53.418
2895.512	107.442	79.864	-3.682	4.298	1.958	57.568
2900.395	107.098	79.864	-3.594	19.973	2.070	61.865
2910.161	107.442	79.864	-3.501	43.486	2.188	62.305
2919.926	107.442	79.864	-3.403	103.597	2.285	63.037
2929.692	107.442	79.864	-3.311	227.130	2.378	64.600
2941.899	107.442	79.864	-3.218	421.920	2.461	66.211
2949.223	107.098	79.864	-3.130	666.396	2.549	66.797
2956.547	107.442	79.864	-3.047	932.444	2.627	69.141
2961.430	107.442	79.864	-2.969	1191.301	2.705	68.262
2966.313	107.442	79.864	-2.896	1421.396	2.788	68.945
2966.313	107.442	79.864	-2.827	1615.539	2.861	68.701

2963.872	107.442 79.864	-2.759	1765.892	2.935	67.676
2963.872	107.098 79.864	-2.695	1852.825	3.008	68.457
2961.430	107.442 79.864	-2.627	1903.805	3.076	69.531
2958.989	107.442 79.864	-2.559	1931.920	3.145	70.850
2956.547	107.442 79.864	-2.495	1932.567	3.213	71.484
2956.547	107.442 79.864	-2.427	1918.186	3.281	72.852
2954.106	107.442 79.864	-2.358	1890.071	3.350	73.096
2954.106	107.442 79.864	-2.285	1868.500	3.413	73.389
2954.106	107.442 79.864	-2.212	1840.385	3.481	73.145
2954.106	107.442 79.864	-2.144	1833.194	3.545	73.047
2956.547	107.442 80.209	-2.070	1819.461	3.613	73.584
2956.547	107.442 79.864	-1.997	1819.461	3.677	73.682
2956.547	107.442 79.864	-1.929	1812.917	3.740	72.266
2956.547	107.442 79.864	-1.855	1813.564	3.809	72.900
2956.547	107.442 79.864	-1.787	1814.211	3.872	71.582
2956.547	107.442 79.864	-1.719	1821.402	3.940	71.240
2956.547	107.442 79.864	-1.650	1822.049	4.004	69.873
2956.547	107.442 79.864	-1.582	1829.886	4.067	69.580
2956.547	107.442 79.864	-1.514	1829.886	4.131	69.287
2958.989	107.442 79.864	-1.445	1830.533	4.189	68.652
2958.989	107.442 79.864	-1.377	1837.724	4.248	67.725
2958.989	107.442 79.864	-1.309	1831.827	4.307	65.674
2958.989	107.442 79.864	-1.235	1832.474	4.365	64.697
2958.989	107.442 79.864	-1.167	1826.578	4.424	63.574
2958.989	107.442 79.864	-1.094	1820.034	4.482	61.816
2958.989	107.442 79.864	-1.025	1807.594	4.546	59.277
2958.989	107.442 79.864	-0.952	1801.698	4.604	56.787
2958.989	107.442 79.864	-0.884	1789.258	4.644	7.617
2958.989	107.442 79.864	-0.811	1776.818	4.639	10.205
2958.989	107.442 79.864	-0.742	1751.938	4.644	9.473
2958.989	107.442 79.864	-0.669	1726.412	4.639	10.791
2958.989	107.442 79.864	-0.601	1676.005	4.644	10.059
2958.989	107.442 79.864	-0.532	1611.217	4.644	10.938
2958.989	107.442 79.864	-0.469	1500.626	4.644	5.664
2963.872	107.442 79.864	-0.400	1340.995	4.644	11.865
2971.196	107.442 79.864	-0.337	1190.568	4.644	11.523
2983.403	107.442 79.864	-0.273	1101.048	4.639	4.785
3000.493	107.442 79.864	-0.220	902.302 4.644	4.541	
3015.141	107.442 79.864	-0.171	700.969 4.644	8.789	
3022.465	107.442 79.864	-0.137	498.988 4.644	14.111	
3027.348	107.442 79.864	-0.107	312.036 4.644	7.666	
3022.465	107.442 79.864	-0.093	153.845 4.644	4.932	
3022.465	105.029 75.038	-0.063	38.798 4.644	4.541	
3017.582	106.063 80.209	-0.068	-40.297 4.639	5.762	
3010.258	106.753 81.243	-0.078	-83.440 4.609	3.760	
3005.375	107.442 81.933	-0.088	-123.995	4.463	-3.711
2995.610	107.787 81.933	-0.093	-425.641	4.272	-11.914
2978.520	107.787 81.933	-0.098	-608.858	4.175	-27.588
2956.547	107.787 81.243	-0.107	-683.424	4.048	-25.098
2937.016	107.787 81.243	-0.122	-715.421	3.887	-24.805
2922.368	107.787 80.554	-0.142	-814.147	3.740	-26.318
2915.043	107.442 80.209	-0.181	-909.564	3.608	-26.221
2910.161	107.442 79.864	-0.229	-1063.225	3.545	-37.012
2912.602	107.442 79.864	-0.288	-1137.071	3.477	-44.482

2919.926	107.098 79.520	-0.356	-1222.710	3.408	-49.219
2927.250	107.098 79.520	-0.435	-1254.707	3.345	-54.199
2934.575	107.098 79.520	-0.518	-1324.024	3.281	-57.324
2939.457	107.098 79.864	-0.601	-1346.242	3.213	-59.668
2944.340	107.442 79.864	-0.684	-1354.080	3.149	-62.695
2949.223	107.442 79.864	-0.767	-1360.623	3.081	-64.355
2951.665	107.442 79.864	-0.854	-1353.433	3.008	-65.137
2951.665	107.442 79.864	-0.938	-1359.329	2.935	-65.332
2954.106	107.442 79.864	-1.021	-1365.873	2.861	-64.697
2951.665	107.442 79.864	-1.104	-1325.318	2.793	-64.258
2951.665	107.442 79.864	-1.187	-1331.214	2.710	-62.256
2951.665	107.442 79.864	-1.265	-1324.671	2.627	-61.426
2949.223	107.442 79.864	-1.348	-1344.948	2.549	-59.277
2949.223	107.442 79.864	-1.426	-1358.035	2.471	-57.080
2949.223	107.442 79.864	-1.504	-1331.861	2.388	-54.395
2949.223	107.442 79.864	-1.582	-1351.492	2.300	-52.246
2949.223	107.442 79.864	-1.660	-1351.492	2.212	-49.121
2949.223	107.442 79.864	-1.738	-1338.405	2.124	-46.436
2946.782	107.098 79.864	-1.816	-1351.492	2.031	-42.969
2949.223	107.442 79.864	-1.895	-1352.139	1.938	-42.041
2946.782	107.098 79.864	-1.978	-1371.769	1.846	-41.406
2949.223	107.442 79.864	-2.056	-1365.226	1.758	-40.527
2949.223	107.442 79.864	-2.139	-1365.226	1.665	-39.404
2949.223	107.098 79.864	-2.222	-1352.139	1.572	-39.014
2951.665	107.442 79.864	-2.300	-1352.139	1.479	-37.500
2949.223	107.442 79.864	-2.383	-1365.226	1.387	-36.621
2949.223	107.442 79.864	-2.461	-1391.399	1.299	-35.156
2949.223	107.442 79.864	-2.544	-1365.226	1.206	-34.229
2949.223	107.442 79.864	-2.622	-1371.769	1.118	-32.812
2949.223	107.098 79.864	-2.700	-1352.139	1.025	-31.689
2949.223	107.442 79.864	-2.778	-1365.226	0.947	-30.518
2949.223	107.442 79.864	-2.856	-1358.682	0.854	-28.613
2949.223	107.442 79.864	-2.935	-1371.769	0.771	-26.709
2946.782	107.442 80.209	-3.013	-1378.312	0.688	-24.902
2949.223	107.442 79.864	-3.091	-1358.682	0.601	-23.975
2949.223	107.442 79.864	-3.169	-1364.579	0.518	-22.266
2949.223	107.442 79.864	-3.247	-1390.752	0.430	-16.113
2949.223	107.442 79.864	-3.325	-1371.122	0.430	-7.959
2949.223	107.442 79.864	-3.403	-1259.883	0.430	-8.496
2949.223	107.442 79.864	-3.481	-939.254	0.425	-8.447
2954.106	107.442 79.864	-3.560	-776.314	0.430	-8.154
2963.872	107.442 80.209	-3.633	-723.967	0.425	-8.691
2978.520	107.442 79.864	-3.701	-717.423	0.425	-8.594
2993.168	107.442 79.864	-3.765	-704.336	0.425	-8.008
3005.375	107.442 79.864	-3.818	-691.249	0.425	-4.248
3010.258	107.442 79.864	-3.857	-646.092	0.425	-2.295
3012.700	107.442 80.209	-3.892	-567.571	0.425	-1.025
3015.141	107.442 79.864	-3.916	-560.380	0.425	-8.398
3015.141	107.442 79.864	-3.936	-561.027	0.425	-7.275
3015.141	107.442 79.864	-3.945	-547.940	0.425	-5.420
3012.700	107.442 79.864	-3.955	-554.484	0.425	-3.955
3010.258	107.442 79.864	-3.955	-561.674	0.430	-1.514
3007.817	107.442 79.864	-3.960	-554.484	0.454	0.342
3002.934	107.442 79.864	-3.955	-286.202	0.698	5.420

2993.168	107.442	79.864	-3.955	-96.442	0.850	15.381
2973.637	107.442	79.864	-3.950	-57.181	1.011	23.047
2949.223	107.442	79.864	-3.940	-50.638	1.221	22.510
2924.809	107.442	79.864	-3.921	-50.638	1.411	23.047
2907.719	107.442	79.864	-3.892	-17.273	1.562	25.781
2895.512	107.442	79.864	-3.843	-10.730	1.689	38.916
2893.071	107.442	80.209	-3.779	-4.186	1.802	46.875
2895.512	107.442	79.864	-3.711	-2.892	1.919	52.100
2900.395	107.442	80.209	-3.623	12.783	2.031	55.127
2907.719	107.442	80.209	-3.530	35.648	2.144	58.936
2919.926	107.442	79.864	-3.438	81.379	2.251	58.984
2929.692	107.442	79.864	-3.345	183.987	2.344	61.035
2939.457	107.442	79.864	-3.252	357.205	2.432	62.354
2949.223	107.442	79.864	-3.159	587.301	2.520	63.184
2956.547	107.442	79.864	-3.076	846.158	2.593	64.502
2958.989	107.442	79.864	-2.998	1105.015		2.676 64.551
2963.872	107.442	79.864	-2.925	1348.844		2.759 65.527
2963.872	107.442	79.864	-2.852	1550.825		2.832 65.137
2963.872	107.442	79.864	-2.783	1709.015		2.910 64.697
2963.872	107.442	79.864	-2.715	1824.063		2.983 65.430
2961.430	107.442	79.864	-2.651	1895.968		3.052 65.430
2961.430	107.442	79.864	-2.583	1924.730		3.120 67.676
2958.989	107.442	79.864	-2.520	1931.920		3.193 69.043
2956.547	107.442	79.864	-2.451	1918.186		3.257 69.922
2956.547	107.442	79.864	-2.378	1890.071		3.325 71.191
2954.106	107.442	79.864	-2.310	1868.500		3.389 72.705
2956.547	107.442	79.864	-2.241	1847.575		3.457 72.559
2954.106	107.442	79.864	-2.168	1833.194		3.521 72.217
2954.106	107.442	80.209	-2.095	1819.461		3.589 72.705
2954.106	107.442	79.864	-2.021	1812.270		3.652 73.145
2954.106	107.442	79.864	-1.953	1812.917		3.716 71.533
2956.547	107.442	79.864	-1.880	1812.917		3.784 71.436
2956.547	107.442	79.864	-1.812	1820.108		3.853 71.094
2956.547	107.442	79.864	-1.743	1821.402		3.916 71.875
2956.547	107.442	79.864	-1.670	1828.592		3.979 70.312
2956.547	107.442	79.864	-1.606	1842.326		4.043 69.385
2956.547	107.442	79.864	-1.538	1829.239		4.106 69.238
2956.547	107.442	79.864	-1.470	1823.343		4.170 67.578
2956.547	107.442	80.209	-1.401	1823.990		4.224 67.236
2956.547	107.442	80.209	-1.328	1824.637		4.287 66.748
2956.547	107.442	80.209	-1.260	1831.827		4.346 65.332
2956.547	107.442	80.209	-1.191	1825.931		4.404 63.672
2956.547	107.442	80.209	-1.118	1812.844		4.463 62.305
2956.547	107.442	80.209	-1.050	1806.947		4.521 60.547
2956.547	107.442	80.209	-0.977	1801.051		4.580 58.350
2956.547	107.442	80.209	-0.908	1788.611		4.639 43.213
2956.547	107.442	80.209	-0.835	1776.171		4.644 7.178
2956.547	107.442	80.209	-0.767	1744.101		4.644 9.521
2956.547	107.442	80.209	-0.693	1719.221		4.644 10.352
2956.547	107.442	80.209	-0.625	1681.254		4.644 10.059
2956.547	107.442	80.209	-0.562	1623.657		4.644 9.033
2958.989	107.442	80.209	-0.493	1526.153		4.644 8.594
2961.430	107.442	80.209	-0.420	1374.359		4.644 11.816
2968.754	107.442	80.209	-0.356	1238.961		4.644 3.955

2980.961	107.442	79.864	-0.293	1118.664	4.644	4.834
2993.168	107.442	80.209	-0.239	999.734	4.644	8.740
3010.258	107.442	80.209	-0.186	759.787	4.644	10.938
3020.024	107.442	80.209	-0.146	570.893	4.644	10.547
3024.907	105.374	58.491	-0.103	376.750	4.644	4.443
3027.348	106.408	78.485	-0.093	204.826	4.639	2.783
3022.465	106.753	79.864	-0.083	74.750	4.624	1.758
3017.582	107.442	80.898	-0.083	-37.709	4.473	-6.006
3005.375	107.787	81.243	-0.083	-423.053	4.297	-10.938
2985.844	107.787	81.588	-0.088	-610.152	4.189	-18.701
2961.430	107.787	81.588	-0.093	-712.833	4.092	-21.875
2939.457	107.787	81.243	-0.107	-791.281	3.965	-25.195
2922.368	107.787	80.898	-0.137	-844.850	3.784	-24.902
2912.602	107.787	80.554	-0.176	-978.234	3.687	-27.734
2907.719	107.442	80.209	-0.225	-1052.727	3.550	-27.441
2910.161	107.442	80.209	-0.288	-1139.012	3.477	-33.203
2915.043	107.442	79.864	-0.361	-1230.547	3.413	-39.941
2922.368	107.442	79.864	-0.439	-1261.250	3.345	-44.482
2929.692	107.442	79.864	-0.518	-1316.833	3.276	-48.291
2934.575	107.098	79.864	-0.601	-1332.508	3.213	-52.783
2941.899	107.442	79.864	-0.684	-1333.802	3.145	-55.615
2944.340	107.442	79.864	-0.771	-1353.433	3.076	-58.398
2946.782	107.442	79.864	-0.854	-1339.699	3.008	-59.229
2949.223	107.442	79.864	-0.938	-1359.329	2.939	-62.109
2949.223	107.442	79.864	-1.021	-1345.595	2.861	-60.400
2949.223	107.442	79.864	-1.104	-1325.318	2.788	-58.838
2949.223	107.442	79.864	-1.187	-1351.492	2.710	-58.154
2949.223	107.442	80.209	-1.265	-1337.758	2.627	-56.885
2946.782	107.442	80.209	-1.348	-1324.671	2.549	-55.078
2946.782	107.442	80.209	-1.426	-1351.492	2.471	-52.881
2944.340	107.442	80.209	-1.504	-1331.861	2.388	-51.123
2944.340	107.442	80.209	-1.582	-1338.405	2.300	-49.072
2944.340	107.442	80.209	-1.660	-1338.405	2.212	-46.680
2944.340	107.442	79.864	-1.738	-1325.318	2.124	-43.701
2944.340	107.442	80.209	-1.816	-1344.948	2.031	-41.016
2944.340	107.442	80.209	-1.899	-1332.508	1.938	-40.381
2944.340	107.442	80.209	-1.978	-1358.035	1.851	-39.551
2944.340	107.442	79.864	-2.056	-1338.405	1.758	-38.477
2944.340	107.442	79.864	-2.139	-1352.139	1.665	-37.744
2944.340	107.442	79.864	-2.222	-1365.226	1.572	-36.865
2946.782	107.442	80.209	-2.300	-1371.769	1.484	-35.449
2946.782	107.442	80.209	-2.383	-1364.579	1.387	-34.814
2946.782	107.442	80.209	-2.461	-1371.769	1.299	-33.789
2949.223	107.442	80.209	-2.544	-1365.226	1.206	-32.080
2946.782	107.442	80.209	-2.622	-1352.139	1.118	-30.957
2949.223	107.442	80.209	-2.700	-1391.399	1.030	-29.443
2949.223	107.442	80.209	-2.778	-1371.769	0.942	-27.637
2949.223	107.442	80.209	-2.856	-1352.139	0.854	-27.881
2949.223	107.442	80.209	-2.930	-1378.312	0.771	-25.635
2949.223	107.442	80.209	-3.013	-1378.312	0.688	-24.756
2949.223	107.442	80.209	-3.091	-1352.139	0.601	-21.973
2949.223	107.442	80.209	-3.169	-1344.948	0.518	-21.582
2949.223	107.442	80.209	-3.247	-1358.682	0.439	-16.943
2949.223	107.442	80.209	-3.325	-1404.486	0.430	-9.375

2949.223	107.442	80.209	-3.403	-1233.709	0.425	-8.398
2949.223	107.442	80.209	-3.481	-952.341	0.425	-8.545
2954.106	107.442	80.209	-3.560	-769.771	0.425	-8.740
2963.872	107.442	80.209	-3.633	-723.967	0.425	-8.350
2976.079	107.442	80.209	-3.701	-710.880	0.425	-9.473
2990.727	107.442	80.209	-3.765	-697.793	0.420	-7.520
3005.375	107.442	80.209	-3.813	-698.440	0.420	-7.373
3010.258	107.442	80.209	-3.857	-659.179	0.420	-2.979
3015.141	107.442	80.209	-3.892	-553.837	0.420	-1.318
3015.141	107.442	80.209	-3.916	-554.484	0.425	-2.295
3017.582	107.442	80.209	-3.936	-567.571	0.420	-8.496
3017.582	107.442	80.209	-3.945	-554.484	0.425	-6.152
3015.141	107.442	80.209	-3.955	-547.940	0.425	-7.324
3010.258	107.442	80.209	-3.960	-547.940	0.420	-3.076
3005.375	107.442	80.209	-3.955	-541.397	0.420	-3.027
3002.934	107.442	80.209	-3.955	-541.397	0.439	-3.809
2998.051	107.442	80.209	-3.955	-534.854	0.571	3.613
2993.168	107.442	80.209	-3.950	-121.969	0.786	11.719
2976.079	107.442	80.209	-3.950	-63.078	0.947	20.312
2951.665	107.442	80.209	-3.940	-50.638	1.108	24.561
2929.692	107.442	80.209	-3.931	-23.817	1.318	22.363
2910.161	107.442	80.209	-3.906	-10.730	1.504	23.633
2897.954	107.442	80.209	-3.867	-10.730	1.631	29.834
2890.629	107.442	80.209	-3.809	-10.083	1.748	40.869
2890.629	107.442	80.209	-3.740	-2.245	1.865	46.924
2895.512	107.442	80.209	-3.662	19.326	1.978	52.246
2900.395	107.442	80.209	-3.574	35.648	2.090	55.615
2910.161	107.442	80.209	-3.481	87.922	2.197	58.398
2922.368	107.442	80.209	-3.389	183.987	2.295	58.838
2934.575	107.442	80.209	-3.291	357.205	2.383	61.572
2944.340	107.442	80.209	-3.203	587.301	2.471	62.695
2951.665	107.442	80.209	-3.120	846.158	2.549	64.258
2958.989	107.442	80.209	-3.037	1105.015	2.632	65.039
2961.430	107.442	80.209	-2.964	1349.491	2.710	64.990
2963.872	107.442	80.209	-2.891	1550.825	2.788	65.771
2961.430	107.442	80.209	-2.822	1709.015	2.861	64.648
2961.430	107.442	80.209	-2.754	1816.872	2.939	64.844
2958.989	107.442	80.209	-2.690	1875.043	3.013	65.625
2956.547	107.442	80.209	-2.627	1917.539	3.081	67.236
2954.106	107.442	80.209	-2.559	1918.186	3.149	68.799
2954.106	107.442	80.209	-2.490	1910.996	3.218	70.068
2954.106	107.442	80.209	-2.422	1882.881	3.286	70.459
2954.106	107.098	80.209	-2.354	1868.500	3.350	71.289
2954.106	107.442	80.209	-2.280	1840.385	3.418	72.266
2956.547	107.442	80.209	-2.212	1819.461	3.481	72.461
2956.547	107.442	80.209	-2.139	1812.270	3.545	72.705
2956.547	107.442	80.209	-2.065	1812.270	3.613	72.559
2956.547	107.442	80.209	-1.997	1805.727	3.677	72.412
2956.547	107.442	80.209	-1.924	1812.917	3.740	72.363
2954.106	107.442	80.209	-1.855	1813.564	3.813	72.461
2954.106	107.442	80.209	-1.782	1813.564	3.877	71.729
2954.106	107.442	80.209	-1.714	1814.211	3.940	70.850
2954.106	107.442	80.209	-1.646	1822.049	4.009	70.605
2954.106	107.442	80.209	-1.577	1829.239	4.072	68.652

2951.665	107.442	80.209	-1.509	1829.886	4.131	67.188
2951.665	107.442	80.209	-1.440	1816.799	4.194	67.627
2954.106	107.442	80.209	-1.372	1823.990	4.253	66.504
2951.665	107.442	80.209	-1.304	1824.637	4.312	65.186
2951.665	107.442	80.209	-1.235	1818.740	4.365	63.525
2951.665	107.442	80.209	-1.162	1812.197	4.429	61.865
2951.665	107.442	80.209	-1.094	1806.300	4.487	61.426
2954.106	107.442	80.209	-1.021	1800.404	4.546	59.521
2954.106	107.442	80.209	-0.947	1794.507	4.604	56.201
2954.106	107.442	80.209	-0.879	1789.258	4.644	6.689
2954.106	107.442	80.209	-0.811	1763.731	4.644	9.619
2954.106	107.442	80.209	-0.737	1738.204	4.639	8.203
2956.547	107.442	80.209	-0.669	1706.781	4.639	10.254
2956.547	107.442	80.209	-0.601	1668.815	4.639	10.107
2956.547	107.442	80.209	-0.532	1598.131	4.644	8.105
2956.547	107.442	80.209	-0.464	1467.261	4.639	12.061
2963.872	107.442	80.209	-0.400	1334.451	4.644	3.564
2971.196	107.442	80.209	-0.332	1170.938	4.644	6.494
2983.403	107.442	80.209	-0.273	1114.781	4.644	8.203
2998.051	107.442	80.209	-0.215	902.949	4.644	11.523
3012.700	107.442	80.209	-0.171	708.159	4.644	11.279
3020.024	107.442	80.209	-0.132	506.179	4.644	4.688
3024.907	107.442	80.209	-0.107	319.226	4.644	4.248
3022.465	107.442	80.209	-0.093	161.036	4.639	8.496
3020.024	107.442	80.209	-0.078	38.798	4.644	11.230
3015.141	107.442	80.209	-0.073	-46.841	4.644	7.373
3010.258	107.442	80.209	-0.073	-83.440	4.644	4.834
3005.375	107.098	79.864	-0.078	-104.365	4.639	4.834
3000.493	107.098	79.864	-0.088	-97.821	4.624	3.027
2998.051	107.098	79.520	-0.093	-96.527	4.507	-7.422
2993.168	107.098	79.520	-0.098	-350.428	4.326	-5.225
2978.520	107.098	79.520	-0.103	-572.259	4.204	-15.723
2958.989	107.442	79.864	-0.107	-606.917	4.116	-23.877
2939.457	107.442	79.864	-0.117	-678.175	3.994	-25.342
2924.809	107.442	80.209	-0.137	-771.651	3.848	-25.635
2912.602	107.442	80.209	-0.171	-873.612	3.716	-26.807
2910.161	107.442	80.209	-0.215	-1027.920	3.560	-26.855
2907.719	107.442	80.209	-0.273	-1109.603	3.491	-33.984
2912.602	107.442	80.209	-0.347	-1195.889	3.423	-37.500
2919.926	107.442	80.209	-0.420	-1287.424	3.354	-43.652
2927.250	107.442	80.209	-0.498	-1304.393	3.296	-48.096
2934.575	107.442	80.209	-0.581	-1333.155	3.228	-50.977
2941.899	107.442	80.209	-0.669	-1360.623	3.159	-55.029
2944.340	107.442	80.209	-0.752	-1347.536	3.091	-57.520
2946.782	107.442	80.209	-0.840	-1360.623	3.022	-59.766
2949.223	107.442	79.864	-0.923	-1346.242	2.949	-60.547
2946.782	107.442	80.209	-1.006	-1332.508	2.876	-59.814
2946.782	107.442	80.209	-1.084	-1318.774	2.803	-60.352
2946.782	107.442	80.209	-1.172	-1325.318	2.725	-58.887
2944.340	107.442	80.209	-1.250	-1324.671	2.642	-57.471
2944.340	107.442	80.209	-1.333	-1324.671	2.568	-55.371
2944.340	107.442	80.209	-1.411	-1324.671	2.485	-53.369
2944.340	107.442	80.209	-1.489	-1344.948	2.402	-51.270
2944.340	107.442	80.209	-1.567	-1344.301	2.319	-49.512

2944.340	107.442 80.209	-1.646	-1351.492	2.231	-46.680
2944.340	107.442 80.209	-1.724	-1331.861	2.144	-43.994
2944.340	107.442 80.209	-1.802	-1371.122	2.051	-40.771
2944.340	107.442 80.209	-1.880	-1358.682	1.958	-39.600
2944.340	107.442 80.209	-1.963	-1345.595	1.865	-39.111
2944.340	107.442 80.209	-2.041	-1339.052	1.777	-38.232
2944.340	107.442 80.209	-2.119	-1344.948	1.685	-37.256
2944.340	107.442 80.209	-2.202	-1365.226	1.592	-36.133
2944.340	107.442 80.209	-2.285	-1352.139	1.499	-35.254
2944.340	107.442 80.209	-2.363	-1365.226	1.406	-34.814
2944.340	107.442 80.209	-2.446	-1371.769	1.313	-33.789
2944.340	107.442 80.209	-2.524	-1352.139	1.226	-32.764
2944.340	107.442 80.209	-2.607	-1352.139	1.138	-31.152
2944.340	107.442 80.209	-2.686	-1352.139	1.050	-30.273
2944.340	107.442 80.209	-2.764	-1352.139	0.962	-29.248
2944.340	107.442 80.209	-2.842	-1358.682	0.879	-27.783
2946.782	107.442 80.554	-2.915	-1364.579	0.791	-24.951
2946.782	107.442 80.209	-2.993	-1391.399	0.713	-24.170
2946.782	107.442 80.209	-3.071	-1345.595	0.620	-23.486
2946.782	107.442 80.209	-3.149	-1364.579	0.537	-21.484
2944.340	107.442 80.209	-3.232	-1391.399	0.454	-17.676
2946.782	107.442 80.209	-3.311	-1377.665	0.430	-8.447
2946.782	107.442 80.209	-3.384	-1312.231	0.430	-8.594
2946.782	107.442 80.209	-3.462	-985.705	0.430	-8.984
2951.665	107.442 80.209	-3.540	-782.211	0.430	-8.301
2956.547	107.442 80.209	-3.618	-737.054	0.425	-8.398
2971.196	107.442 80.209	-3.687	-717.423	0.425	-8.447
2985.844	107.442 80.209	-3.750	-704.336	0.425	-5.469
3000.493	107.442 80.209	-3.804	-691.249	0.425	-5.273
3007.817	107.442 80.209	-3.853	-698.440	0.425	-5.322
3012.700	107.442 80.209	-3.887	-554.484	0.430	-2.588
3015.141	107.442 80.209	-3.916	-561.027	0.425	-2.832
3017.582	107.442 80.209	-3.931	-554.484	0.425	-8.301
3017.582	107.442 79.520	-3.945	-554.484	0.425	-7.324
3017.582	107.442 80.209	-3.950	-554.484	0.435	-5.957
3015.141	107.442 80.209	-3.955	-547.940	0.547	8.838
3007.817	107.442 80.209	-3.955	-135.703	0.771	9.424
2990.727	107.442 80.209	-3.955	-76.812	0.928	15.430
2963.872	107.442 80.209	-3.950	-50.638	1.118	24.951
2937.016	107.442 80.209	-3.936	-50.638	1.323	22.021
2915.043	107.442 80.209	-3.911	-50.638	1.509	24.512
2902.836	107.442 80.554	-3.872	-37.551	1.621	35.889
2895.512	107.442 80.209	-3.813	-10.730	1.743	43.311
2893.071	107.442 80.209	-3.745	-3.539	1.860	48.877
2897.954	107.442 80.209	-3.667	4.298	1.973	54.053
2905.278	107.442 80.209	-3.579	12.783	2.090	57.422
2912.602	107.442 80.209	-3.486	35.648	2.207	58.838
2922.368	107.442 80.209	-3.389	95.113	2.305	60.254
2932.133	107.442 80.209	-3.291	191.177	2.402	62.061
2941.899	107.442 80.209	-3.198	378.130	2.485	63.428
2951.665	107.442 80.209	-3.110	608.872	2.568	64.404
2956.547	107.442 80.209	-3.027	867.729	2.646	65.430
2961.430	107.442 80.209	-2.949	1133.777	2.729	65.039
2963.872	107.442 80.209	-2.876	1363.872	2.808	65.186

2963.872	107.442	80.209	-2.803	1565.206	2.881	65.381
2961.430	107.442	80.209	-2.739	1723.396	2.959	65.186
2958.989	107.442	80.209	-2.671	1824.063	3.032	65.820
2958.989	107.442	80.209	-2.607	1889.424	3.101	66.797
2956.547	107.442	80.209	-2.544	1918.186	3.164	68.457
2956.547	107.442	80.209	-2.476	1918.186	3.237	69.092
2954.106	107.442	80.209	-2.407	1904.452	3.301	70.898
2954.106	107.442	80.209	-2.334	1883.528	3.364	70.850
2954.106	107.442	80.209	-2.261	1861.956	3.433	72.412
2954.106	107.442	80.209	-2.192	1840.385	3.496	72.949
2954.106	107.442	80.209	-2.119	1826.004	3.564	73.291
2956.547	107.442	80.209	-2.046	1812.270	3.628	72.803
2956.547	107.442	80.209	-1.978	1805.727	3.696	73.145
2956.547	107.442	80.209	-1.904	1812.270	3.760	73.145
2956.547	107.442	80.209	-1.831	1806.374	3.828	71.875
2956.547	107.787	80.209	-1.768	1813.564	3.892	70.654
2956.547	107.442	80.209	-1.699	1814.211	3.955	71.729
2956.547	107.442	80.209	-1.626	1814.858	4.019	70.459
2958.989	107.442	80.209	-1.558	1822.049	4.087	68.945
2956.547	107.442	80.209	-1.489	1829.886	4.146	68.701
2956.547	107.442	80.209	-1.421	1823.343	4.209	66.553
2958.989	107.442	80.209	-1.357	1823.990	4.263	64.844
2956.547	107.442	80.209	-1.289	1811.550	4.326	64.600
2958.989	107.442	80.554	-1.216	1818.740	4.385	63.525
2958.989	107.442	80.209	-1.147	1805.653	4.443	63.135
2956.547	107.442	80.554	-1.074	1799.757	4.502	60.840
2958.989	107.442	80.209	-1.001	1800.404	4.561	58.789
2956.547	107.442	80.209	-0.928	1774.877	4.619	55.420
2956.547	107.442	80.209	-0.859	1775.524	4.639	9.277
2954.106	107.442	80.554	-0.786	1757.188	4.639	8.594
2954.106	107.442	80.554	-0.718	1732.308	4.639	8.789
2954.106	107.787	80.209	-0.649	1700.885	4.639	9.863
2954.106	107.442	80.209	-0.581	1643.288	4.639	9.033
2954.106	107.442	80.209	-0.518	1566.060	4.644	8.936
2956.547	107.442	80.209	-0.449	1454.821	4.644	3.760
2963.872	107.442	80.554	-0.381	1321.364	4.644	7.666
2971.196	107.442	80.554	-0.317	1176.834	4.644	7.275
2985.844	107.442	80.209	-0.254	1086.020	4.639	11.865
3002.934	107.442	80.209	-0.205	853.910	4.639	3.857
3015.141	107.787	80.209	-0.156	678.103	4.644	5.078
3022.465	107.442	80.209	-0.122	463.036	4.644	6.689
3024.907	107.442	80.209	-0.098	269.540	4.639	10.449
3022.465	107.787	80.209	-0.083	125.084	4.634	11.426
3017.582	107.442	80.209	-0.078	17.226	4.585	0.635
3010.258	107.787	80.209	-0.073	-74.309	4.404	-1.855
2998.051	107.442	79.864	-0.078	-516.603	4.258	-12.012
2973.637	107.442	80.209	-0.088	-650.707	4.175	-19.629
2949.223	107.442	80.209	-0.098	-760.578	4.077	-23.096
2927.250	107.442	80.554	-0.117	-786.679	3.940	-25.732
2910.161	107.442	80.554	-0.146	-886.699	3.804	-26.123
2902.836	107.442	80.554	-0.190	-980.822	3.672	-27.783
2900.395	107.442	80.554	-0.244	-1093.928	3.535	-26.904
2902.836	107.442	80.554	-0.308	-1160.584	3.462	-31.055
2910.161	107.442	80.209	-0.381	-1238.385	3.389	-38.672

2917.485	107.442	80.209	-0.459	-1288.718	3.330	-43.848
2927.250	107.442	80.209	-0.542	-1298.497	3.262	-48.242
2934.575	107.442	80.209	-0.625	-1339.052	3.193	-51.953
2941.899	107.442	80.209	-0.708	-1333.802	3.125	-54.639
2946.782	107.442	80.554	-0.796	-1353.433	3.057	-56.934
2949.223	107.442	80.209	-0.879	-1352.786	2.988	-59.424
2949.223	107.442	80.209	-0.962	-1352.786	2.915	-59.326
2949.223	107.442	80.209	-1.045	-1345.595	2.842	-58.545
2949.223	107.442	80.209	-1.128	-1338.405	2.764	-58.496
2946.782	107.442	80.209	-1.211	-1338.405	2.686	-56.250
2946.782	107.442	80.209	-1.289	-1318.774	2.607	-54.883
2946.782	107.442	80.209	-1.372	-1324.671	2.529	-52.979
2944.340	107.442	80.209	-1.450	-1357.388	2.446	-51.074
2944.340	107.442	80.209	-1.528	-1318.774	2.363	-48.730
2941.899	107.442	80.209	-1.606	-1364.579	2.275	-46.680
2944.340	107.442	80.209	-1.680	-1351.492	2.188	-44.141
2941.899	107.442	80.209	-1.763	-1345.595	2.100	-41.650
2944.340	107.442	80.209	-1.846	-1364.579	2.007	-39.258
2944.340	107.442	80.209	-1.919	-1318.774	1.909	-38.574
2944.340	107.442	80.554	-1.997	-1378.312	1.821	-38.965
2944.340	107.442	80.554	-2.075	-1378.312	1.729	-38.135
2944.340	107.442	80.554	-2.158	-1345.595	1.641	-37.354
2944.340	107.442	80.554	-2.241	-1365.226	1.548	-36.377
2944.340	107.442	80.554	-2.324	-1351.492	1.455	-35.645
2944.340	107.442	80.554	-2.402	-1378.312	1.362	-34.570
2944.340	107.442	80.209	-2.485	-1352.139	1.270	-32.910
2944.340	107.442	80.554	-2.563	-1345.595	1.182	-30.811
2944.340	107.442	80.209	-2.642	-1365.226	1.089	-29.443
2946.782	107.442	80.209	-2.725	-1365.226	1.006	-27.734
2944.340	107.442	80.209	-2.803	-1358.682	0.918	-26.123
2944.340	107.442	80.554	-2.881	-1365.226	0.830	-26.611
2944.340	107.442	80.554	-2.954	-1358.682	0.747	-24.170
2944.340	107.442	80.209	-3.032	-1365.226	0.664	-22.656
2944.340	107.442	80.209	-3.110	-1358.682	0.576	-21.240
2944.340	107.442	80.209	-3.188	-1384.856	0.493	-20.361
2944.340	107.442	80.209	-3.267	-1344.948	0.425	-0.781
2944.340	107.442	80.209	-3.345	-1358.035	0.425	-8.838
2944.340	107.442	80.209	-3.423	-1168.275	0.430	-9.033
2946.782	107.442	80.209	-3.501	-881.010	0.425	-8.643
2954.106	107.442	80.209	-3.579	-749.494	0.425	-8.740
2963.872	107.442	80.554	-3.652	-723.967	0.425	-11.816
2980.961	107.442	80.554	-3.721	-690.602	0.425	-9.277
2995.610	107.442	80.554	-3.779	-704.336	0.425	-2.881
3005.375	107.442	80.209	-3.828	-678.810	0.420	-4.785
3010.258	107.442	80.554	-3.867	-554.484	0.420	-8.545
3015.141	107.442	80.209	-3.901	-561.027	0.425	-6.641
3015.141	107.442	80.554	-3.926	-561.027	0.420	-4.541
3017.582	107.442	80.209	-3.940	-561.027	0.420	-1.807
3017.582	107.442	80.209	-3.950	-554.484	0.425	-4.346
3012.700	107.442	80.209	-3.955	-547.940	0.425	-9.766
3010.258	107.442	80.209	-3.955	-554.484	0.420	-7.959
3007.817	107.442	80.209	-3.955	-541.397	0.420	-4.248
3002.934	107.787	80.209	-3.955	-547.940	0.469	0.391
2998.051	107.442	79.520	-3.950	-220.768	0.703	4.883

2985.844	107.442	79.864	-3.950	-82.708	0.859	12.451
2963.872	107.442	79.864	-3.945	-57.181	1.016	25.049
2939.457	107.442	79.864	-3.936	-36.904	1.216	19.922
2917.485	107.442	80.209	-3.921	-24.464	1.411	24.072
2902.836	107.442	80.554	-3.887	-10.730	1.577	27.930
2890.629	107.442	80.554	-3.838	-10.730	1.694	34.521
2888.188	107.442	80.554	-3.774	-2.892	1.812	43.506
2890.629	107.442	80.554	-3.696	4.945	1.924	49.170
2897.954	107.442	80.554	-3.613	20.620	2.041	53.223
2907.719	107.442	80.554	-3.521	57.867	2.153	56.641
2917.485	107.442	80.554	-3.428	118.625	2.256	58.398
2929.692	107.442	80.554	-3.335	263.082	2.344	60.449
2941.899	107.442	80.554	-3.242	472.253	2.432	61.426
2951.665	107.442	80.554	-3.154	729.816	2.515	63.623
2958.989	107.442	80.209	-3.071	982.777	2.598	64.355
2963.872	107.442	80.554	-2.998	1234.444		2.676 64.941
2966.313	107.442	80.554	-2.925	1457.349		2.754 65.967
2966.313	107.442	80.209	-2.852	1637.110		2.832 65.527
2963.872	107.442	80.554	-2.783	1773.083		2.905 64.307
2961.430	107.442	80.209	-2.720	1860.015		2.979 63.916
2958.989	107.442	80.554	-2.651	1903.158		3.052 65.723
2958.989	107.442	80.554	-2.588	1917.539		3.120 66.455
2956.547	107.442	80.554	-2.524	1918.186		3.188 67.871
2954.106	107.442	80.554	-2.456	1903.805		3.252 68.848
2954.106	107.442	80.554	-2.383	1875.690		3.320 69.824
2954.106	107.442	80.554	-2.314	1847.575		3.384 70.557
2954.106	107.442	80.554	-2.241	1833.194		3.452 71.826
2954.106	107.442	80.554	-2.168	1812.270		3.516 72.021
2954.106	107.442	80.554	-2.100	1812.270		3.584 71.582
2954.106	107.442	80.554	-2.026	1805.727		3.647 71.973
2956.547	107.442	80.554	-1.958	1812.917		3.716 72.070
2956.547	107.442	80.554	-1.885	1813.564		3.779 72.852
2956.547	107.442	80.554	-1.812	1820.755		3.848 72.656
2956.547	107.442	80.554	-1.743	1827.945		3.916 72.803
2956.547	107.442	80.209	-1.675	1828.592		3.979 70.020
2956.547	107.442	80.554	-1.606	1829.239		4.043 70.117
2956.547	107.442	80.554	-1.538	1816.152		4.106 69.141
2956.547	107.442	80.209	-1.470	1823.343		4.165 66.895
2956.547	107.442	80.554	-1.401	1823.990		4.224 67.334
2956.547	107.442	80.554	-1.333	1824.637		4.287 64.648
2954.106	107.442	80.209	-1.265	1825.284		4.346 64.111
2956.547	107.442	80.554	-1.196	1812.197		4.399 63.525
2956.547	107.442	80.554	-1.123	1812.844		4.458 60.400
2956.547	107.442	80.554	-1.055	1806.947		4.521 59.229
2956.547	107.442	80.209	-0.981	1794.507		4.580 57.617
2956.547	107.442	80.209	-0.908	1782.068		4.634 45.264
2956.547	107.442	80.554	-0.840	1776.818		4.639 10.693
2956.547	107.442	80.554	-0.767	1751.291		4.644 9.229
2956.547	107.442	80.554	-0.698	1713.325		4.644 9.033
2956.547	107.442	80.554	-0.630	1681.901		4.644 8.789
2958.989	107.442	80.554	-0.562	1624.951		4.644 9.473
2961.430	107.442	80.209	-0.493	1514.360		4.644 4.297
2963.872	107.442	80.554	-0.425	1409.017		4.644 8.203
2968.754	107.442	80.554	-0.361	1267.076		4.644 9.326

2978.520	107.442	80.209	-0.298	1146.778	4.648	14.062
2993.168	107.442	80.554	-0.239	1015.409	4.644	6.494
3007.817	107.442	80.554	-0.186	788.549	4.644	6.299
3020.024	107.442	80.554	-0.146	606.199	4.639	9.277
3024.907	107.442	80.554	-0.117	398.322	4.644	10.693
3024.907	107.442	80.554	-0.093	219.207	4.644	7.617
3022.465	107.442	80.554	-0.083	81.941	4.644	4.102
3017.582	107.442	80.554	-0.078	-11.536	4.639	5.078
3010.258	107.442	80.554	-0.078	-69.059	4.644	7.959
3005.375	107.442	80.554	-0.078	-97.821	4.639	10.254
3000.493	107.442	80.898	-0.083	-111.555	4.634	10.596
2995.610	107.442	80.209	-0.088	-97.174	4.585	0.098
2990.727	107.442	80.554	-0.093	-88.690	4.395	-2.686
2983.403	107.442	80.898	-0.098	-506.177	4.238	-15.576
2963.872	107.787	80.898	-0.103	-539.541	4.160	-26.221
2941.899	107.787	80.898	-0.107	-635.679	4.028	-25.488
2924.809	107.787	80.898	-0.122	-708.231	3.877	-26.367
2910.161	107.442	80.554	-0.151	-835.718	3.696	-27.148
2905.278	107.442	80.554	-0.190	-957.956	3.594	-27.637
2900.395	107.442	80.554	-0.244	-1039.640	3.521	-35.303
2905.278	107.442	80.554	-0.308	-1159.937	3.452	-41.357
2912.602	107.442	80.554	-0.381	-1232.489	3.394	-46.875
2919.926	107.442	80.554	-0.459	-1296.556	3.325	-51.562
2927.250	107.442	80.209	-0.542	-1332.508	3.262	-55.029
2934.575	107.442	80.554	-0.625	-1340.993	3.193	-57.861
2939.457	107.442	80.554	-0.713	-1354.727	3.125	-60.547
2946.782	107.442	80.554	-0.791	-1367.814	3.057	-62.988
2949.223	107.442	80.554	-0.879	-1367.167	2.983	-64.258
2951.665	107.442	80.554	-0.962	-1346.242	2.915	-64.111
2951.665	107.442	80.554	-1.045	-1358.682	2.837	-63.574
2949.223	107.442	80.554	-1.128	-1325.318	2.764	-61.621
2949.223	107.442	80.554	-1.211	-1325.318	2.686	-60.986
2949.223	107.442	80.554	-1.289	-1337.758	2.603	-58.398
2946.782	107.442	80.554	-1.372	-1337.758	2.524	-57.080
2946.782	107.442	80.554	-1.450	-1337.758	2.446	-54.297
2944.340	107.442	80.554	-1.528	-1344.948	2.363	-51.611
2941.899	107.442	80.554	-1.606	-1325.318	2.275	-50.049
2944.340	107.442	80.554	-1.685	-1344.948	2.188	-48.193
2941.899	107.442	80.554	-1.763	-1358.035	2.100	-45.117
2941.899	107.442	80.554	-1.841	-1352.139	2.002	-42.236
2941.899	107.442	80.554	-1.924	-1358.682	1.914	-42.139
2944.340	107.787	80.554	-2.002	-1325.965	1.821	-41.357
2944.340	107.442	80.554	-2.080	-1352.139	1.729	-39.990
2944.340	107.442	80.554	-2.163	-1338.405	1.636	-39.551
2944.340	107.442	80.554	-2.241	-1345.595	1.543	-38.086
2944.340	107.442	80.554	-2.324	-1358.682	1.450	-37.207
2944.340	107.442	80.554	-2.407	-1352.139	1.362	-35.791
2946.782	107.442	80.554	-2.485	-1378.312	1.270	-34.717
2946.782	107.442	80.554	-2.568	-1365.226	1.177	-32.959
2946.782	107.442	80.554	-2.646	-1377.665	1.089	-31.494
2946.782	107.442	80.554	-2.725	-1371.769	1.001	-30.273
2946.782	107.442	80.554	-2.803	-1351.492	0.918	-28.613
2946.782	107.442	80.554	-2.881	-1364.579	0.835	-26.416
2946.782	107.442	80.554	-2.959	-1351.492	0.747	-26.416

2946.782	107.442	80.554	-3.032	-1358.035	0.659	-25.098
2946.782	107.442	80.554	-3.115	-1384.856	0.576	-23.340
2946.782	107.442	80.554	-3.193	-1378.312	0.488	-21.289
2946.782	107.442	80.554	-3.271	-1351.492	0.430	-9.277
2944.340	107.442	80.554	-3.350	-1358.035	0.430	-8.545
2944.340	107.442	80.554	-3.428	-1155.835	0.430	-8.984
2946.782	107.442	80.554	-3.506	-867.276	0.425	-8.301
2951.665	107.442	80.554	-3.579	-750.141	0.425	-8.936
2963.872	107.442	80.554	-3.657	-730.510	0.425	-8.252
2978.520	107.442	80.554	-3.721	-697.793	0.430	-9.424
2993.168	107.442	80.554	-3.779	-697.793	0.425	-4.248
3005.375	107.442	80.554	-3.828	-691.249	0.425	-1.660
3010.258	107.442	80.554	-3.872	-547.940	0.425	-8.936
3015.141	107.442	80.554	-3.901	-567.571	0.425	-5.762
3017.582	107.442	80.554	-3.926	-574.114	0.425	-6.543
3017.582	107.442	80.554	-3.940	-561.027	0.420	-3.271
3017.582	107.442	80.554	-3.950	-568.218	0.425	-4.785
3012.700	107.442	80.554	-3.955	-554.484	0.425	-8.887
3010.258	107.442	80.554	-3.955	-554.484	0.425	-7.324
3005.375	107.442	80.554	-3.955	-547.940	0.425	-5.664
3002.934	107.442	80.554	-3.955	-541.397	0.425	-2.100
3000.493	107.787	80.554	-3.955	-541.397	0.430	-2.002
2995.610	107.442	80.554	-3.950	-521.120	0.532	12.695
2993.168	106.408	80.554	-3.950	-141.599	0.757	10.010
2980.961	107.442	80.209	-3.945	-63.078	0.918	12.402
2958.989	107.442	80.554	-3.940	-36.904	1.060	25.342
2934.575	107.442	80.554	-3.931	-17.273	1.260	22.412
2915.043	107.442	80.898	-3.911	-3.539	1.436	24.365
2900.395	107.787	80.898	-3.872	-3.539	1.611	25.732
2893.071	107.442	80.898	-3.823	-2.892	1.729	34.863
2890.629	107.442	80.898	-3.755	4.298	1.846	40.918
2895.512	107.442	80.898	-3.677	19.973	1.958	47.363
2902.836	107.442	80.554	-3.589	50.029	2.070	50.830
2915.043	107.442	80.554	-3.496	102.950	2.173	53.271
2927.250	107.442	80.554	-3.408	219.939	2.271	55.859
2937.016	107.442	80.554	-3.311	407.539	2.358	58.643
2949.223	107.442	80.554	-3.223	645.471	2.441	60.742
2956.547	107.442	80.554	-3.140	910.872	2.524	60.693
2961.430	107.442	80.554	-3.062	1169.729	2.607	61.768
2966.313	107.442	80.554	-2.983	1399.825	2.686	61.035
2966.313	107.442	80.554	-2.910	1586.777	2.764	62.061
2966.313	107.442	80.554	-2.847	1737.777	2.842	61.768
2963.872	107.442	80.554	-2.778	1838.444	2.915	61.670
2961.430	107.442	80.554	-2.710	1895.968	2.988	61.719
2958.989	107.442	80.554	-2.646	1917.539	3.062	63.232
2956.547	107.442	80.554	-2.583	1910.996	3.130	64.648
2956.547	107.442	80.554	-2.515	1903.805	3.198	66.846
2956.547	107.442	80.554	-2.446	1875.690	3.262	67.725
2956.547	107.442	80.554	-2.373	1854.119	3.330	68.652
2956.547	107.442	80.554	-2.305	1839.738	3.394	69.971
2956.547	107.442	80.554	-2.231	1826.004	3.457	70.361
2958.989	107.442	80.554	-2.158	1818.813	3.530	70.752
2956.547	107.442	80.554	-2.090	1818.813	3.594	70.947
2956.547	107.442	80.554	-2.017	1805.727	3.657	70.801

2956.547	107.442	80.554	-1.943	1812.917	3.726	70.996
2958.989	107.787	80.554	-1.875	1813.564	3.789	70.801
2958.989	107.442	80.554	-1.802	1814.211	3.857	71.094
2958.989	107.442	80.554	-1.733	1828.592	3.921	70.020
2956.547	107.442	80.554	-1.665	1829.239	3.984	68.066
2956.547	107.442	80.554	-1.597	1829.239	4.048	67.773
2956.547	107.442	80.554	-1.528	1823.343	4.111	68.408
2956.547	107.442	80.554	-1.460	1823.990	4.175	66.406
2956.547	107.442	80.554	-1.392	1831.180	4.233	66.016
2956.547	107.442	80.554	-1.323	1824.637	4.292	64.697
2954.106	107.442	80.554	-1.255	1818.740	4.355	62.598
2954.106	107.442	80.554	-1.182	1812.197	4.409	62.354
2951.665	107.442	80.554	-1.113	1812.844	4.468	60.986
2951.665	107.787	80.554	-1.040	1806.947	4.526	59.912
2951.665	107.442	80.554	-0.967	1794.507	4.585	57.275
2951.665	107.442	80.554	-0.898	1775.524	4.639	28.564
2951.665	107.442	80.554	-0.830	1749.997	4.639	7.910
2951.665	107.442	80.554	-0.757	1738.204	4.639	9.961
2951.665	107.442	80.554	-0.688	1713.325	4.639	10.400
2954.106	107.442	80.554	-0.620	1655.728	4.639	10.010
2954.106	107.787	80.554	-0.552	1598.778	4.639	9.961
2956.547	107.442	80.554	-0.483	1494.729	4.639	10.303
2961.430	107.442	80.554	-0.415	1382.196	4.639	10.840
2968.754	107.442	80.554	-0.352	1246.798	4.644	3.223
2980.961	107.442	80.554	-0.288	1145.484	4.644	4.541
2995.610	107.442	80.554	-0.229	980.750	4.639	6.934
3010.258	107.442	80.554	-0.181	766.330	4.644	9.131
3020.024	107.442	80.554	-0.142	570.893	4.644	8.252
3024.907	107.442	80.554	-0.112	363.016	4.644	5.615
3024.907	107.442	80.554	-0.093	190.445	4.639	5.371
3022.465	106.408	80.554	-0.059	74.750	4.639	8.447
3017.582	106.063	80.209	-0.068	-18.726	4.639	9.180
3012.700	106.063	80.554	-0.073	-76.250	4.619	7.373
3005.375	106.063	80.898	-0.083	-110.908	4.517	-3.613
2998.051	106.408	81.243	-0.093	-327.489	4.326	-7.520
2980.961	106.753	81.243	-0.098	-595.771	4.209	-20.557
2958.989	107.098	80.898	-0.107	-656.603	4.116	-27.148
2937.016	107.442	80.898	-0.117	-720.671	3.975	-24.561
2922.368	107.442	80.898	-0.137	-787.326	3.828	-26.270
2912.602	107.787	80.898	-0.171	-901.080	3.696	-27.148
2907.719	107.787	80.554	-0.215	-1015.480	3.564	-27.344
2910.161	107.787	80.554	-0.273	-1089.326	3.491	-35.254
2915.043	107.787	80.554	-0.342	-1176.259	3.428	-41.406
2922.368	107.442	80.554	-0.415	-1280.234	3.359	-46.875
2932.133	107.787	80.554	-0.498	-1317.480	3.296	-50.342
2939.457	107.442	80.554	-0.576	-1339.052	3.228	-54.297
2946.782	107.442	80.554	-0.664	-1347.536	3.164	-57.129
2951.665	107.442	80.554	-0.747	-1373.710	3.096	-59.277
2954.106	107.442	80.554	-0.830	-1373.710	3.027	-61.523
2954.106	107.442	80.554	-0.918	-1353.433	2.954	-61.816
2956.547	107.442	80.554	-1.001	-1352.786	2.881	-62.158
2956.547	107.442	80.554	-1.084	-1339.052	2.803	-61.377
2954.106	107.442	80.554	-1.167	-1358.035	2.725	-59.619
2954.106	107.442	80.554	-1.245	-1344.948	2.651	-58.691

2951.665	107.442	80.554	-1.328	-1331.214	2.568	-56.738
2951.665	107.442	80.554	-1.406	-1337.758	2.490	-55.469
2949.223	107.442	80.554	-1.484	-1325.318	2.407	-52.881
2949.223	107.442	80.554	-1.562	-1364.579	2.324	-50.488
2949.223	107.442	80.554	-1.641	-1318.774	2.231	-47.852
2949.223	107.442	80.554	-1.719	-1338.405	2.148	-45.898
2949.223	107.442	80.554	-1.802	-1351.492	2.051	-41.895
2949.223	107.442	80.554	-1.880	-1371.769	1.958	-41.357
2949.223	107.442	80.554	-1.953	-1345.595	1.870	-40.527
2951.665	107.442	80.554	-2.036	-1378.312	1.777	-39.404
2951.665	107.442	80.554	-2.119	-1339.052	1.685	-38.867
2951.665	107.442	80.554	-2.202	-1345.595	1.597	-37.646
2951.665	107.442	80.554	-2.280	-1345.595	1.499	-36.865
2951.665	107.442	80.554	-2.363	-1378.312	1.411	-35.156
2949.223	107.442	80.554	-2.446	-1358.682	1.318	-34.521
2949.223	107.442	80.554	-2.524	-1365.226	1.226	-33.301
2949.223	107.442	80.554	-2.603	-1345.595	1.138	-31.934
2949.223	107.442	80.554	-2.686	-1378.312	1.050	-31.348
2949.223	107.442	80.554	-2.764	-1384.856	0.962	-28.076
2949.223	107.442	80.554	-2.837	-1378.312	0.874	-27.734
2949.223	107.442	80.554	-2.920	-1365.226	0.791	-26.904
2949.223	107.442	80.554	-2.993	-1351.492	0.708	-25.488
2949.223	107.442	80.554	-3.071	-1365.226	0.620	-24.072
2949.223	107.442	80.554	-3.149	-1391.399	0.537	-20.947
2949.223	107.442	80.554	-3.228	-1391.399	0.449	-18.848
2951.665	107.442	80.554	-3.306	-1384.856	0.435	-7.910
2949.223	107.442	80.554	-3.384	-1325.965	0.430	-8.447
2951.665	107.442	80.554	-3.462	-998.792	0.425	-8.398
2954.106	107.442	80.554	-3.540	-802.488	0.425	-8.545
2961.430	107.442	80.554	-3.618	-730.510	0.425	-8.643
2976.079	107.442	80.554	-3.687	-710.880	0.425	-11.816
2990.727	107.442	80.554	-3.750	-691.249	0.425	-5.420
3002.934	107.442	80.554	-3.809	-678.163	0.425	-1.367
3010.258	107.787	80.554	-3.853	-698.440	0.425	-6.494
3015.141	107.442	80.554	-3.887	-547.293	0.425	-9.326
3017.582	107.442	80.554	-3.911	-561.027	0.420	-6.055
3020.024	107.787	80.554	-3.936	-561.027	0.420	-3.516
3022.465	107.442	80.554	-3.945	-561.027	0.425	-3.027
3020.024	107.442	80.554	-3.950	-554.484	0.425	-7.520
3017.582	107.442	80.554	-3.960	-547.940	0.425	-8.691
3015.141	107.442	80.554	-3.960	-547.940	0.425	-8.252
3012.700	107.787	80.554	-3.955	-554.484	0.425	-4.883
3007.817	107.442	80.554	-3.955	-541.397	0.479	0.195
3005.375	107.442	80.209	-3.950	-214.224	0.708	4.541
2993.168	107.787	80.554	-3.950	-82.708	0.869	12.695
2971.196	107.787	80.898	-3.945	-56.534	1.021	23.145
2946.782	107.787	80.898	-3.940	-43.447	1.221	24.365
2924.809	107.442	80.898	-3.921	-17.273	1.416	24.023
2907.719	107.442	80.898	-3.887	-10.730	1.572	30.078
2897.954	107.442	80.898	-3.838	-3.539	1.694	37.451
2895.512	107.442	80.898	-3.774	-2.892	1.812	43.164
2897.954	107.442	80.554	-3.701	4.945	1.924	50.391
2905.278	107.442	80.898	-3.618	27.164	2.036	53.955
2912.602	107.442	80.554	-3.525	58.514	2.148	57.227

2924.809	107.442	80.554	-3.433	133.006	2.246	58.984	
2937.016	107.442	80.554	-3.340	284.653	2.339	60.596	
2946.782	107.442	80.554	-3.247	500.368	2.427	61.572	
2956.547	107.442	80.554	-3.159	752.682	2.510	62.646	
2961.430	107.442	80.554	-3.076	1011.539		2.588	64.746
2966.313	107.442	80.554	-2.998	1263.206		2.671	64.746
2968.754	107.442	80.554	-2.930	1478.920		2.749	64.453
2968.754	107.442	80.554	-2.856	1658.682		2.827	65.283
2968.754	107.442	80.898	-2.788	1780.920		2.900	64.355
2966.313	107.442	80.554	-2.725	1867.206		2.974	64.600
2963.872	107.442	80.554	-2.656	1910.349		3.047	65.332
2961.430	107.442	80.554	-2.593	1911.643		3.120	67.529
2961.430	107.442	80.554	-2.524	1904.452		3.184	68.018
2961.430	107.442	80.554	-2.456	1890.071		3.252	69.727
2961.430	107.442	80.554	-2.388	1875.690		3.320	70.459
2961.430	107.442	80.554	-2.319	1854.119		3.384	71.484
2961.430	107.442	80.898	-2.241	1833.194		3.447	71.582
2961.430	107.442	80.554	-2.173	1818.813		3.516	72.461
2961.430	107.442	80.554	-2.100	1812.270		3.579	72.949
2958.989	107.442	80.554	-2.031	1812.270		3.647	71.436
2958.989	107.442	80.554	-1.958	1805.727		3.711	72.314
2958.989	107.442	80.898	-1.890	1806.374		3.779	72.266
2958.989	107.442	80.898	-1.816	1813.564		3.843	71.631
2958.989	107.442	80.554	-1.748	1821.402		3.911	70.264
2958.989	107.442	80.554	-1.675	1828.592		3.975	70.459
2958.989	107.787	80.554	-1.611	1829.239		4.038	69.482
2958.989	107.442	80.554	-1.543	1823.343		4.102	66.943
2958.989	107.442	80.554	-1.475	1823.343		4.165	68.359
2958.989	107.442	80.898	-1.406	1831.180		4.224	66.797
2958.989	107.442	80.554	-1.338	1824.637		4.282	66.162
2958.989	107.442	80.898	-1.265	1811.550		4.341	65.283
2961.430	107.442	80.554	-1.196	1812.197		4.399	62.793
2961.430	107.442	80.554	-1.128	1806.300		4.458	61.377
2961.430	107.442	80.554	-1.055	1814.138		4.517	60.254
2958.989	107.442	80.554	-0.981	1801.051		4.575	57.910
2958.989	107.442	80.554	-0.913	1782.068		4.634	47.314
2958.989	107.442	80.554	-0.840	1770.275		4.639	12.744
2958.989	107.442	80.554	-0.771	1744.748		4.644	9.473
2958.989	107.442	80.554	-0.698	1719.868		4.644	9.082
2961.430	107.442	80.554	-0.630	1682.548		4.639	9.033
2961.430	107.787	80.554	-0.562	1604.674		4.644	9.766
2961.430	107.442	80.554	-0.493	1507.816		4.639	5.859
2966.313	107.442	80.554	-0.430	1396.577		4.644	9.619
2971.196	107.442	80.898	-0.361	1287.353		4.639	10.352
2978.520	107.442	80.554	-0.298	1147.426		4.644	6.299
2995.610	107.442	80.898	-0.239	1029.143		4.644	5.273
3010.258	107.442	80.898	-0.190	782.005	4.644	5.518	
3020.024	107.442	80.898	-0.146	606.199	4.644	8.350	
3027.348	106.408	75.728	-0.098	391.778	4.644	9.766	
3027.348	106.753	80.554	-0.088	219.207	4.639	8.203	
3027.348	106.753	81.933	-0.078	89.131	4.614	4.492	
3022.465	107.098	82.622	-0.083	-44.253	4.468	-5.713	
3012.700	107.098	82.622	-0.083	-415.863		4.263	-11.328
2990.727	107.442	82.622	-0.088	-636.326		4.185	-22.656

2966.313	107.442	82.277	-0.098	-720.024	4.072	-25.244
2944.340	107.787	81.588	-0.112	-772.298	3.911	-25.391
2927.250	107.787	81.243	-0.142	-865.774	3.765	-26.758
2919.926	107.787	80.898	-0.176	-933.724	3.623	-27.588
2915.043	107.787	80.898	-0.229	-1073.004	3.540	-31.738
2917.485	107.787	80.554	-0.288	-1133.116	3.472	-40.869
2922.368	107.787	80.554	-0.361	-1218.108	3.408	-46.826
2929.692	107.442	80.554	-0.439	-1242.267	3.345	-50.830
2937.016	107.442	80.554	-0.518	-1304.393	3.276	-54.834
2944.340	107.442	80.554	-0.601	-1325.965	3.213	-58.252
2951.665	107.442	80.554	-0.688	-1353.433	3.145	-60.498
2954.106	107.442	80.554	-0.771	-1346.889	3.076	-62.402
2956.547	107.442	80.554	-0.854	-1353.433	3.008	-64.014
2956.547	107.442	80.898	-0.942	-1359.329	2.935	-64.062
2956.547	107.442	80.898	-1.021	-1325.965	2.861	-64.355
2956.547	107.442	80.554	-1.104	-1338.405	2.783	-62.793
2956.547	107.442	80.554	-1.187	-1344.948	2.705	-61.475
2954.106	107.442	80.898	-1.265	-1325.318	2.627	-59.082
2954.106	107.442	80.898	-1.348	-1344.301	2.549	-57.666
2951.665	107.787	80.898	-1.426	-1350.845	2.466	-55.225
2951.665	107.442	80.898	-1.509	-1331.861	2.383	-53.369
2951.665	107.442	80.554	-1.587	-1338.405	2.295	-51.270
2951.665	107.442	80.898	-1.665	-1351.492	2.212	-48.584
2951.665	107.442	80.554	-1.743	-1358.035	2.119	-45.410
2951.665	107.442	80.898	-1.821	-1358.682	2.026	-43.115
2951.665	107.442	80.554	-1.899	-1345.595	1.938	-42.090
2951.665	107.787	80.554	-1.982	-1358.682	1.846	-41.797
2951.665	107.442	80.554	-2.061	-1351.492	1.753	-40.967
2951.665	107.442	80.898	-2.144	-1378.312	1.660	-39.209
2951.665	107.442	80.554	-2.222	-1378.312	1.567	-38.916
2954.106	107.442	80.898	-2.305	-1344.948	1.475	-37.402
2951.665	107.442	80.554	-2.388	-1384.856	1.382	-35.645
2951.665	107.442	80.898	-2.466	-1365.226	1.294	-35.156
2951.665	107.442	80.898	-2.549	-1358.682	1.206	-33.154
2954.106	107.442	80.898	-2.627	-1351.492	1.113	-32.324
2951.665	107.442	80.554	-2.705	-1344.948	1.025	-30.811
2951.665	107.442	80.554	-2.783	-1377.665	0.938	-29.688
2951.665	107.442	80.554	-2.861	-1358.035	0.854	-27.197
2951.665	107.442	80.554	-2.939	-1384.856	0.771	-26.270
2951.665	107.442	80.898	-3.018	-1378.312	0.679	-25.635
2951.665	107.787	80.554	-3.091	-1371.122	0.596	-24.219
2951.665	107.442	80.554	-3.174	-1371.769	0.513	-22.021
2951.665	107.787	80.898	-3.252	-1371.769	0.430	-16.455
2951.665	107.442	80.898	-3.330	-1358.035	0.435	-8.496
2951.665	107.442	80.554	-3.408	-1253.987	0.430	-8.203
2951.665	107.442	80.898	-3.486	-939.901	0.430	-8.643
2956.547	107.442	80.554	-3.560	-762.580	0.430	-8.398
2966.313	107.787	80.898	-3.638	-717.423	0.430	-10.791
2980.961	107.442	80.898	-3.706	-710.880	0.430	-11.426
2998.051	107.442	80.898	-3.765	-697.793	0.430	-4.980
3007.817	107.787	80.898	-3.818	-691.249	0.425	-5.664
3015.141	107.442	80.898	-3.862	-599.641	0.425	-8.838
3020.024	107.442	80.554	-3.892	-574.114	0.425	-7.422
3022.465	107.442	80.898	-3.921	-567.571	0.425	-4.639

3024.907	107.442	80.554	-3.936	-554.484	0.425	-3.174
3022.465	107.442	80.898	-3.950	-561.027	0.430	-3.174
3020.024	107.442	80.554	-3.955	-567.571	0.425	-9.912
3015.141	107.442	80.898	-3.955	-554.484	0.425	-6.299
3012.700	107.442	80.898	-3.960	-554.484	0.425	-7.031
3007.817	107.442	80.554	-3.955	-547.940	0.435	-1.172
3005.375	107.442	80.898	-3.955	-469.419	0.605	8.252
2998.051	107.787	80.554	-3.950	-102.338	0.801	12.549
2983.403	107.442	80.898	-3.945	-56.534	0.957	17.920
2958.989	107.442	80.898	-3.945	-43.447	1.138	23.438
2934.575	107.442	80.554	-3.926	-23.817	1.353	22.217
2917.485	107.442	80.898	-3.901	-10.730	1.533	25.244
2905.278	107.442	80.554	-3.857	-3.539	1.650	35.449
2900.395	107.787	80.898	-3.799	-3.539	1.768	41.992
2900.395	107.442	80.898	-3.730	4.298	1.880	48.242
2905.278	107.442	80.554	-3.647	12.783	1.997	54.150
2912.602	107.787	80.898	-3.560	42.839	2.109	58.936
2922.368	107.442	80.554	-3.467	95.760	2.217	59.229
2932.133	107.442	80.898	-3.374	205.558	2.310	60.791
2941.899	107.442	80.898	-3.281	393.158	2.397	61.914
2951.665	107.442	80.898	-3.188	623.900	2.480	64.111
2958.989	107.442	80.898	-3.105	889.301	2.559	64.795
2963.872	107.442	80.898	-3.027	1148.158	2.642	65.576
2966.313	107.442	80.898	-2.949	1385.444	2.720	65.771
2966.313	107.442	80.898	-2.881	1579.587	2.798	65.283
2966.313	107.442	80.898	-2.812	1730.587	2.876	65.283
2963.872	107.442	80.898	-2.744	1831.253	2.949	64.844
2961.430	107.442	80.898	-2.681	1895.968	3.022	65.332
2961.430	107.442	80.898	-2.617	1917.539	3.096	66.455
2958.989	107.442	80.898	-2.549	1918.186	3.159	67.676
2958.989	107.442	80.898	-2.480	1903.805	3.228	69.043
2956.547	107.442	80.898	-2.412	1875.690	3.296	70.947
2956.547	107.787	80.898	-2.339	1847.575	3.359	71.680
2956.547	107.442	80.898	-2.271	1833.194	3.428	72.070
2958.989	107.442	80.898	-2.197	1818.813	3.491	72.607
2956.547	107.442	80.898	-2.124	1805.080	3.560	72.949
2956.547	107.442	80.898	-2.056	1798.536	3.623	72.852
2958.989	107.442	80.898	-1.982	1798.536	3.687	72.070
2958.989	107.442	80.898	-1.914	1812.917	3.755	72.070
2958.989	107.442	80.898	-1.841	1813.564	3.823	72.266
2958.989	107.442	80.898	-1.772	1814.211	3.887	71.582
2958.989	107.442	80.898	-1.704	1821.402	3.950	70.166
2958.989	107.442	80.898	-1.636	1822.049	4.014	69.727
2958.989	107.442	80.898	-1.567	1822.696	4.077	68.896
2961.430	107.442	80.898	-1.499	1829.886	4.146	67.139
2958.989	107.442	80.898	-1.431	1830.533	4.204	66.992
2958.989	107.442	80.898	-1.362	1817.446	4.263	65.723
2958.989	107.442	80.898	-1.294	1818.093	4.321	64.404
2958.989	107.442	80.898	-1.221	1805.006	4.380	64.062
2958.989	107.442	80.898	-1.152	1805.653	4.438	62.109
2958.989	107.442	80.898	-1.079	1799.757	4.497	60.840
2958.989	107.442	80.898	-1.011	1794.507	4.556	58.936
2961.430	107.787	80.898	-0.938	1774.877	4.614	55.566
2961.430	107.442	80.554	-0.864	1763.084	4.639	6.836

2961.430	107.442 80.898	-0.796	1757.188	4.644	9.180
2961.430	107.442 80.898	-0.728	1725.765	4.639	9.570
2961.430	107.442 80.898	-0.654	1687.798	4.639	9.570
2961.430	107.787 80.898	-0.586	1637.391	4.644	9.082
2961.430	107.442 80.898	-0.518	1539.886	4.639	3.613
2963.872	107.442 80.898	-0.454	1422.104	4.639	6.494
2968.754	107.787 80.898	-0.386	1334.451	4.644	8.984
2978.520	107.442 80.898	-0.317	1163.748	4.644	10.986
2993.168	107.787 80.898	-0.259	1086.020	4.644	2.637
3007.817	107.442 80.898	-0.205	846.719 4.644	5.420	
3022.465	107.787 80.898	-0.161	678.103 4.639	9.424	
3029.790	107.442 80.898	-0.127	463.036 4.644	10.400	
3032.231	107.442 80.898	-0.103	224.383 4.644	9.277	
3029.790	107.098 79.520	-0.073	132.274 4.644	3.711	
3024.907	107.442 80.898	-0.073	17.226 4.634	3.320	
3020.024	107.442 81.933	-0.078	-61.222 4.600	-0.195	
3012.700	107.442 82.277	-0.083	-116.805	4.409	-3.662
3000.493	107.787 82.277	-0.088	-523.793	4.258	-1.416
2978.520	107.787 81.933	-0.093	-604.256	4.170	-18.164
2954.106	107.442 81.933	-0.103	-699.746	4.067	-23.047
2934.575	107.442 81.588	-0.117	-752.021	3.931	-26.465
2922.368	107.787 81.243	-0.151	-871.671	3.794	-26.318
2912.602	107.442 80.898	-0.190	-972.337	3.667	-27.637
2912.602	107.442 80.898	-0.244	-1059.917	3.530	-27.832
2915.043	107.442 80.554	-0.308	-1173.024	3.462	-34.375
2919.926	107.442 80.554	-0.381	-1225.298	3.394	-40.137
2927.250	107.442 80.554	-0.454	-1269.088	3.330	-44.434
2937.016	107.442 80.554	-0.537	-1331.861	3.262	-48.438
2941.899	107.442 80.554	-0.620	-1346.242	3.198	-52.539
2946.782	107.442 80.898	-0.708	-1366.520	3.130	-54.688
2951.665	107.442 80.554	-0.791	-1354.080	3.062	-57.471
2951.665	107.442 80.898	-0.874	-1346.889	2.988	-59.131
2951.665	107.442 80.898	-0.962	-1352.786	2.920	-60.254
2951.665	107.442 80.898	-1.045	-1325.965	2.842	-59.180
2951.665	107.442 80.898	-1.123	-1351.492	2.769	-58.936
2951.665	107.442 80.898	-1.206	-1338.405	2.690	-57.080
2951.665	107.442 80.898	-1.289	-1337.758	2.607	-55.225
2949.223	107.442 80.898	-1.367	-1358.035	2.534	-53.809
2949.223	107.442 80.898	-1.445	-1351.492	2.446	-51.758
2949.223	107.442 80.898	-1.523	-1351.492	2.363	-49.609
2949.223	107.442 80.898	-1.602	-1312.231	2.275	-47.168
2949.223	107.442 80.898	-1.680	-1331.861	2.188	-45.703
2946.782	107.442 80.898	-1.763	-1345.595	2.100	-42.822
2949.223	107.442 80.898	-1.841	-1365.226	2.007	-40.234
2946.782	107.442 80.898	-1.919	-1352.139	1.914	-40.039
2949.223	107.442 80.898	-1.997	-1339.052	1.826	-38.916
2949.223	107.442 80.898	-2.080	-1345.595	1.733	-38.623
2946.782	107.442 80.898	-2.158	-1371.769	1.641	-37.305
2946.782	107.442 80.898	-2.241	-1358.682	1.548	-36.328
2946.782	107.442 80.898	-2.324	-1345.595	1.455	-35.889
2946.782	107.442 80.898	-2.407	-1325.965	1.367	-34.570
2944.340	107.442 80.898	-2.485	-1365.226	1.274	-32.324
2944.340	107.442 80.898	-2.563	-1345.595	1.182	-31.738
2944.340	107.442 80.898	-2.642	-1371.769	1.094	-30.273

2944.340	107.442	80.898	-2.725	-1371.769	1.006	-28.662
2944.340	107.442	80.898	-2.798	-1358.682	0.923	-26.270
2944.340	107.442	80.898	-2.876	-1351.492	0.835	-26.318
2944.340	107.442	80.898	-2.954	-1371.769	0.747	-25.391
2944.340	107.442	80.898	-3.032	-1364.579	0.664	-24.170
2944.340	107.442	80.898	-3.110	-1365.226	0.581	-22.119
2944.340	107.442	80.898	-3.188	-1377.665	0.498	-20.801
2946.782	107.442	80.898	-3.267	-1358.682	0.430	-0.439
2946.782	107.442	80.898	-3.345	-1351.492	0.430	-9.424
2946.782	107.442	80.898	-3.423	-1182.009	0.430	-8.740
2946.782	107.787	80.898	-3.501	-881.010	0.430	-8.936
2951.665	107.442	80.898	-3.579	-729.863	0.430	-8.008
2963.872	107.442	80.898	-3.652	-717.423	0.430	-7.910
2978.520	107.442	80.898	-3.721	-691.249	0.435	-3.613
2993.168	107.442	80.898	-3.779	-704.336	0.430	-7.568
3002.934	107.442	80.898	-3.828	-697.793	0.425	-9.131
3010.258	107.442	80.898	-3.867	-554.484	0.425	-3.906
3015.141	107.442	80.898	-3.901	-567.571	0.430	-2.637
3020.024	107.442	80.898	-3.926	-567.571	0.430	-5.762
3020.024	107.442	80.898	-3.940	-554.484	0.425	-8.350
3020.024	107.442	80.898	-3.950	-561.027	0.425	-8.057
3017.582	107.442	80.898	-3.955	-561.027	0.425	-4.248
3012.700	107.442	80.898	-3.955	-554.484	0.430	-1.709
3007.817	107.442	80.898	-3.955	-547.940	0.430	-2.197
3002.934	107.787	80.554	-3.955	-547.940	0.459	0.098
3000.493	107.787	80.898	-3.950	-260.028	0.698	5.078
2990.727	107.442	80.898	-3.950	-82.708	0.850	14.111
2971.196	107.442	80.898	-3.950	-49.991	1.016	25.244
2944.340	107.442	81.243	-3.936	-43.447	1.221	20.801
2924.809	107.787	81.243	-3.921	-17.273	1.421	21.973
2907.719	107.787	81.243	-3.887	-10.730	1.572	30.127
2895.512	107.787	81.243	-3.843	-10.730	1.685	37.207
2893.071	107.442	80.898	-3.784	-10.083	1.802	45.947
2895.512	107.442	80.898	-3.706	4.945	1.919	52.295
2900.395	107.442	80.898	-3.623	27.164	2.031	56.641
2910.161	107.442	80.898	-3.530	57.867	2.144	60.010
2922.368	107.442	80.898	-3.438	117.978	2.246	60.449
2934.575	107.442	80.898	-3.345	255.892	2.339	63.428
2946.782	107.442	80.898	-3.252	457.872	2.427	64.795
2956.547	107.442	80.898	-3.164	702.348	2.505	65.381
2963.872	107.442	80.898	-3.081	968.396	2.588	66.943
2968.754	107.442	80.898	-3.003	1220.063	2.666	66.943
2971.196	107.442	80.898	-2.930	1450.158	2.744	66.260
2971.196	107.442	80.898	-2.861	1629.920	2.827	66.846
2968.754	107.442	81.243	-2.793	1766.539	2.900	65.967
2966.313	107.787	80.898	-2.725	1852.825	2.974	65.820
2963.872	107.442	81.243	-2.661	1903.158	3.047	66.992
2961.430	107.442	80.898	-2.593	1910.996	3.110	67.871
2958.989	107.442	80.898	-2.529	1910.996	3.184	69.336
2958.989	107.442	80.898	-2.461	1896.615	3.252	70.850
2956.547	107.442	81.243	-2.393	1875.043	3.315	71.191
2958.989	107.787	80.898	-2.319	1840.385	3.384	71.729
2958.989	107.442	80.898	-2.246	1832.547	3.447	73.193
2961.430	107.442	80.898	-2.173	1805.080	3.516	73.242

2961.430	107.442	80.898	-2.104	1811.623	3.579	73.633
2961.430	107.442	80.898	-2.031	1798.536	3.643	73.682
2963.872	107.442	80.898	-1.958	1805.727	3.716	73.145
2966.313	107.442	80.898	-1.890	1806.374	3.774	73.535
2966.313	107.442	80.898	-1.821	1820.755	3.843	72.412
2963.872	107.442	80.898	-1.753	1814.211	3.906	72.168
2963.872	107.442	80.898	-1.680	1814.858	3.975	69.531
2966.313	107.442	80.898	-1.611	1822.696	4.038	69.434
2966.313	107.442	80.898	-1.543	1823.343	4.102	69.043
2966.313	107.442	80.898	-1.475	1830.533	4.165	67.334
2966.313	107.442	80.898	-1.406	1823.990	4.219	67.383
2966.313	107.442	80.898	-1.338	1818.093	4.282	65.918
2966.313	107.442	80.898	-1.270	1818.740	4.341	64.307
2966.313	107.442	80.898	-1.201	1812.197	4.399	63.574
2963.872	107.442	80.898	-1.128	1806.300	4.453	61.719
2963.872	107.442	80.898	-1.060	1800.404	4.521	59.229
2963.872	107.442	80.898	-0.986	1801.051	4.575	58.594
2963.872	107.787	80.898	-0.913	1775.524	4.629	49.023
2963.872	107.442	80.898	-0.840	1770.275	4.644	10.205
2963.872	107.442	80.898	-0.771	1744.748	4.639	9.375
2963.872	107.442	80.898	-0.698	1713.325	4.644	9.229
2963.872	107.787	80.898	-0.630	1668.815	4.644	9.717
2963.872	107.787	81.243	-0.562	1618.408	4.639	9.717
2963.872	107.442	80.898	-0.498	1501.273	4.639	9.375
2968.754	107.442	80.898	-0.430	1402.474	4.644	10.645
2973.637	107.787	80.898	-0.361	1287.353	4.644	2.783
2983.403	107.442	80.898	-0.298	1154.616	4.644	4.785
3000.493	107.442	80.898	-0.239	1029.790	4.639	11.035
3015.141	107.442	80.898	-0.190	802.930	4.644	10.791
3024.907	107.442	81.243	-0.146	606.846	4.644	9.473
3032.231	107.787	80.898	-0.117	398.969	4.644	3.662
3032.231	107.442	80.554	-0.093	226.397	4.644	5.127
3029.790	107.787	80.898	-0.083	89.131	4.629	4.150
3024.907	107.787	80.898	-0.078	-11.536	4.585	-0.488
3017.582	107.787	80.898	-0.078	-134.494	4.385	-0.977
3002.934	107.787	80.898	-0.078	-589.228	4.238	-16.553
2980.961	107.787	81.243	-0.083	-651.354	4.165	-24.902
2956.547	107.787	81.243	-0.098	-721.318	4.043	-26.758
2937.016	107.787	81.243	-0.117	-780.782	3.906	-26.660
2922.368	107.787	81.243	-0.146	-880.155	3.765	-26.416
2915.043	107.787	81.243	-0.190	-1000.452	3.628	-26.807
2915.043	107.442	81.243	-0.244	-1074.945	3.521	-30.762
2917.485	107.442	81.243	-0.312	-1193.948	3.452	-36.914
2924.809	107.442	81.243	-0.386	-1232.489	3.384	-42.188
2934.575	107.442	80.898	-0.464	-1302.452	3.320	-47.559
2941.899	107.787	80.898	-0.547	-1331.214	3.257	-51.416
2949.223	107.787	81.243	-0.630	-1339.699	3.193	-54.541
2954.106	107.442	80.898	-0.713	-1346.889	3.120	-57.715
2958.989	107.442	80.898	-0.801	-1340.346	3.052	-60.010
2958.989	107.787	80.898	-0.884	-1353.433	2.983	-61.865
2958.989	107.442	81.243	-0.967	-1326.612	2.910	-61.035
2956.547	107.787	80.898	-1.050	-1352.139	2.837	-60.693
2956.547	107.442	81.243	-1.133	-1338.405	2.759	-59.424
2956.547	107.442	80.898	-1.216	-1338.405	2.676	-58.301

2954.106	107.442	80.898	-1.294	-1337.758	2.598	-56.543
2954.106	107.442	80.898	-1.377	-1318.127	2.524	-55.078
2954.106	107.787	80.898	-1.450	-1351.492	2.441	-52.881
2954.106	107.442	81.243	-1.533	-1344.948	2.354	-49.902
2951.665	107.442	80.898	-1.611	-1338.405	2.271	-47.217
2951.665	107.442	80.898	-1.689	-1344.948	2.178	-45.459
2951.665	107.442	80.898	-1.768	-1351.492	2.090	-42.773
2951.665	107.442	80.898	-1.846	-1364.579	1.997	-40.674
2954.106	107.442	80.898	-1.924	-1345.595	1.904	-40.479
2954.106	107.442	81.243	-2.007	-1345.595	1.816	-39.893
2954.106	107.442	80.898	-2.085	-1378.312	1.724	-38.965
2954.106	107.442	80.898	-2.168	-1371.769	1.631	-38.086
2954.106	107.442	80.898	-2.246	-1378.312	1.538	-37.305
2954.106	107.442	81.243	-2.329	-1365.226	1.450	-36.328
2954.106	107.442	80.898	-2.412	-1364.579	1.353	-34.912
2954.106	107.787	80.898	-2.490	-1365.226	1.265	-33.105
2954.106	107.442	81.243	-2.573	-1351.492	1.172	-32.031
2954.106	107.442	80.898	-2.651	-1352.139	1.084	-30.225
2954.106	107.442	80.898	-2.729	-1364.579	0.996	-29.053
2954.106	107.787	81.243	-2.808	-1351.492	0.908	-26.416
2954.106	107.787	80.898	-2.886	-1365.226	0.825	-25.928
2954.106	107.442	80.898	-2.964	-1351.492	0.737	-25.049
2954.106	107.787	81.243	-3.037	-1365.226	0.654	-23.682
2954.106	107.442	80.898	-3.115	-1358.682	0.571	-22.656
2954.106	107.442	81.243	-3.198	-1391.399	0.483	-20.459
2954.106	107.442	80.898	-3.276	-1377.665	0.430	-1.465
2954.106	107.787	80.898	-3.354	-1371.769	0.430	-8.398
2954.106	107.787	80.898	-3.433	-1129.661	0.425	-8.838
2956.547	107.442	81.243	-3.511	-854.189	0.430	-8.740
2961.430	107.787	81.243	-3.584	-743.597	0.425	-8.252
2971.196	107.442	81.243	-3.657	-730.510	0.425	-8.008
2988.286	107.787	80.898	-3.726	-710.880	0.425	-8.887
3000.493	107.787	81.243	-3.784	-697.793	0.425	-6.445
3010.258	107.787	81.243	-3.833	-704.983	0.425	-2.881
3017.582	107.442	80.898	-3.872	-540.750	0.425	-5.811
3022.465	107.787	81.243	-3.901	-567.571	0.425	-4.541
3027.348	107.787	80.898	-3.926	-561.027	0.425	-9.766
3027.348	107.787	80.898	-3.940	-567.571	0.425	-7.178
3027.348	107.787	81.243	-3.950	-554.484	0.425	-4.785
3024.907	107.787	81.243	-3.955	-561.027	0.425	-1.807
3020.024	107.787	81.243	-3.960	-547.940	0.425	-3.320
3015.141	107.787	81.243	-3.955	-554.484	0.425	-7.422
3010.258	107.442	80.898	-3.955	-541.397	0.425	-7.910
3005.375	107.442	81.243	-3.950	-534.854	0.430	-5.566
3005.375	107.787	80.898	-3.950	-534.854	0.430	-1.367
3002.934	107.787	81.243	-3.950	-521.120	0.571	5.029
3000.493	107.442	81.243	-3.945	-128.512	0.806	14.502
2983.403	107.442	81.243	-3.945	-49.344	0.977	24.902
2958.989	107.442	81.243	-3.940	-10.083	1.187	22.656
2937.016	107.787	81.243	-3.931	-3.539	1.411	23.340
2917.485	107.787	81.243	-3.906	-3.539	1.519	36.475
2905.278	107.442	81.243	-3.867	-3.539	1.636	43.848
2897.954	107.787	81.243	-3.809	-2.892	1.758	51.807
2897.954	107.442	81.243	-3.740	12.136	1.865	58.447

2902.836	107.442	80.898	-3.657	34.354	1.982	63.037
2910.161	107.442	80.898	-3.574	72.894	2.090	66.553
2919.926	107.787	80.898	-3.481	153.931	2.188	69.824
2932.133	107.442	81.243	-3.389	306.225	2.285	71.191
2944.340	107.442	81.243	-3.296	522.586	2.373	72.559
2954.106	107.442	80.898	-3.208	774.253	2.456	73.535
2961.430	107.787	81.243	-3.125	1033.110	2.539	74.268
2966.313	107.442	80.898	-3.047	1284.130	2.617	73.779
2968.754	107.442	80.898	-2.974	1493.301	2.695	73.975
2968.754	107.442	81.243	-2.905	1672.416	2.773	72.510
2966.313	107.442	81.243	-2.837	1788.111	2.852	72.510
2966.313	107.442	81.243	-2.773	1867.206	2.925	71.533
2963.872	107.787	80.898	-2.705	1909.702	2.998	71.240
2961.430	107.442	81.243	-2.637	1910.996	3.071	70.947
2961.430	107.442	81.243	-2.573	1903.805	3.140	72.119
2961.430	107.442	81.243	-2.505	1882.881	3.208	73.193
2961.430	107.442	81.243	-2.437	1868.500	3.276	74.121
2961.430	107.442	80.898	-2.363	1840.385	3.340	74.463
2961.430	107.442	81.243	-2.295	1826.004	3.403	74.854
2961.430	107.442	81.243	-2.222	1811.623	3.472	75.195
2963.872	107.442	80.898	-2.148	1805.080	3.535	75.781
2961.430	107.442	80.898	-2.075	1798.536	3.604	75.146
2961.430	107.442	80.898	-2.007	1812.270	3.667	74.707
2961.430	107.442	81.243	-1.934	1812.917	3.735	74.805
2961.430	107.787	81.243	-1.865	1820.108	3.799	74.561
2961.430	107.787	81.243	-1.797	1820.755	3.867	73.779
2961.430	107.442	81.243	-1.724	1828.592	3.931	71.924
2961.430	107.442	80.898	-1.655	1828.592	3.994	71.484
2961.430	107.787	81.243	-1.587	1829.239	4.062	71.387
2961.430	107.442	81.243	-1.519	1816.152	4.121	67.920
2961.430	107.442	81.243	-1.455	1816.799	4.180	67.920
2961.430	107.787	81.243	-1.382	1817.446	4.243	66.455
2961.430	107.787	81.243	-1.313	1810.903	4.297	65.527
2961.430	107.442	81.243	-1.245	1805.006	4.360	64.941
2961.430	107.442	81.243	-1.172	1798.463	4.419	62.500
2961.430	107.442	81.243	-1.104	1799.757	4.478	61.768
2961.430	107.787	81.243	-1.030	1787.317	4.536	59.766
2961.430	107.787	81.243	-0.957	1781.421	4.595	57.227
2963.872	107.442	81.243	-0.889	1762.437	4.644	22.363
2963.872	107.787	81.243	-0.815	1750.644	4.639	9.375
2963.872	107.442	81.243	-0.747	1719.221	4.644	10.156
2963.872	107.442	81.243	-0.679	1694.341	4.644	9.814
2963.872	107.442	81.243	-0.610	1636.744	4.644	10.156
2963.872	107.787	81.243	-0.542	1566.707	4.644	10.010
2963.872	107.442	81.243	-0.474	1482.936	4.644	7.227
2968.754	107.787	81.243	-0.405	1389.387	4.644	12.500
2976.079	107.442	81.243	-0.342	1220.624	4.644	11.865
2988.286	107.442	81.243	-0.278	1158.571	4.644	3.125
3005.375	107.442	81.243	-0.225	946.739	4.644	4.590
3017.582	107.787	81.243	-0.176	765.036	4.639	9.326
3027.348	107.442	81.243	-0.137	549.322	4.644	13.623
3032.231	107.787	81.243	-0.107	341.445	4.639	6.201
3029.790	107.787	81.243	-0.088	182.607	4.639	3.613
3027.348	106.753	81.243	-0.073	46.635	4.644	6.494

3020.024	107.098	79.520	-0.073	-39.650	4.644	7.568
3012.700	107.098	80.898	-0.078	-89.984	4.624	7.812
3007.817	107.098	80.554	-0.078	-111.555		4.551 -9.521
3000.493	107.442	81.588	-0.088	-183.533		4.351 -4.688
2988.286	107.442	81.933	-0.093	-568.950		4.209 -10.352
2966.313	107.442	81.933	-0.098	-635.679		4.136 -27.295
2944.340	107.442	81.933	-0.112	-686.012		4.014 -25.928
2929.692	107.787	81.588	-0.132	-758.564		3.872 -25.732
2917.485	107.787	81.588	-0.161	-885.405		3.735 -26.221
2912.602	107.787	81.243	-0.205	-980.822		3.604 -26.270
2915.043	107.787	81.243	-0.259	-1061.858		3.506 -30.225
2917.485	107.787	81.243	-0.327	-1181.508		3.438 -38.965
2924.809	107.787	80.898	-0.400	-1246.870		3.374 -43.945
2932.133	107.442	80.898	-0.479	-1323.377		3.306 -48.096
2939.457	107.442	80.898	-0.562	-1312.878		3.242 -51.807
2946.782	107.787	81.243	-0.645	-1340.346		3.174 -55.469
2949.223	107.787	81.243	-0.732	-1354.080		3.105 -58.252
2954.106	107.442	81.243	-0.815	-1334.449		3.037 -60.645
2954.106	107.442	81.243	-0.903	-1359.976		2.969 -61.426
2954.106	107.442	81.243	-0.986	-1326.612		2.896 -61.670
2954.106	107.442	81.243	-1.069	-1365.226		2.822 -60.547
2951.665	107.442	81.243	-1.147	-1371.122		2.744 -59.229
2949.223	107.442	81.243	-1.230	-1331.861		2.666 -58.545
2949.223	107.442	81.243	-1.309	-1357.388		2.583 -55.859
2949.223	107.442	81.243	-1.392	-1363.931		2.505 -53.906
2946.782	107.442	81.243	-1.470	-1318.774		2.422 -51.611
2946.782	107.442	81.243	-1.548	-1351.492		2.339 -50.195
2946.782	107.442	81.243	-1.626	-1338.405		2.251 -48.047
2946.782	107.442	81.243	-1.704	-1344.948		2.163 -45.312
2949.223	107.442	81.243	-1.787	-1339.052		2.070 -42.139
2949.223	107.442	81.243	-1.860	-1339.052		1.978 -40.430
2949.223	107.442	81.243	-1.938	-1338.405		1.890 -39.697
2949.223	107.442	81.243	-2.021	-1339.052		1.797 -39.355
2949.223	107.442	81.243	-2.100	-1339.052		1.704 -38.330
2949.223	107.442	81.243	-2.183	-1352.139		1.611 -37.549
2949.223	107.787	81.243	-2.266	-1339.052		1.519 -35.840
2949.223	107.442	81.243	-2.349	-1365.226		1.431 -35.254
2949.223	107.787	81.243	-2.427	-1352.139		1.338 -34.277
2949.223	107.442	81.243	-2.510	-1371.769		1.245 -32.617
2949.223	107.787	81.243	-2.588	-1378.312		1.152 -31.641
2949.223	107.442	81.243	-2.666	-1345.595		1.069 -29.785
2949.223	107.787	81.243	-2.744	-1358.035		0.981 -29.395
2949.223	107.787	81.243	-2.822	-1378.312		0.894 -28.027
2949.223	107.442	81.243	-2.900	-1378.312		0.811 -26.807
2949.223	107.442	81.243	-2.979	-1371.769		0.728 -25.342
2946.782	107.442	81.243	-3.057	-1391.399		0.640 -23.291
2949.223	107.787	81.243	-3.130	-1365.226		0.552 -22.070
2949.223	107.442	81.243	-3.213	-1371.122		0.464 -18.701
2949.223	107.442	81.243	-3.291	-1378.312		0.430 -13.086
2949.223	107.787	81.243	-3.369	-1332.508		0.425 -8.350
2951.665	107.442	81.243	-3.447	-1063.579		0.430 -8.545
2954.106	107.787	81.243	-3.525	-822.119		0.425 -8.105
2958.989	107.442	81.243	-3.604	-743.597		0.425 -8.984
2973.637	107.787	81.243	-3.672	-717.423		0.425 -9.033

2985.844	107.442	81.243	-3.740	-697.793	0.425	-6.934
3000.493	107.442	81.243	-3.794	-697.793	0.425	-5.518
3010.258	107.442	81.243	-3.843	-698.440	0.425	-1.611
3017.582	107.442	81.243	-3.882	-547.940	0.425	-6.299
3020.024	107.442	81.243	-3.906	-567.571	0.425	-5.078
3022.465	107.442	81.243	-3.926	-561.027	0.425	-8.203
3022.465	107.442	81.243	-3.945	-561.027	0.425	-4.395
3022.465	107.442	81.243	-3.955	-554.484	0.435	-1.270
3017.582	107.787	81.243	-3.955	-554.484	0.425	-7.373
3015.141	107.442	81.243	-3.955	-554.484	0.425	-8.496
3012.700	107.787	80.898	-3.955	-554.484	0.430	-7.471
3007.817	107.787	81.243	-3.955	-541.397	0.527	10.059
3002.934	107.442	81.243	-3.950	-135.703	0.771	10.352
2988.286	107.787	81.588	-3.950	-63.078	0.938	22.266
2963.872	107.787	81.243	-3.945	-49.991	1.118	23.047
2939.457	107.787	81.243	-3.931	-36.904	1.338	24.365
2919.926	107.787	81.243	-3.906	-10.730	1.504	28.027
2905.278	107.787	81.588	-3.872	-10.730	1.621	39.258
2897.954	107.442	81.243	-3.818	-3.539	1.738	46.484
2900.395	107.787	81.243	-3.750	-2.892	1.851	51.904
2902.836	107.787	81.243	-3.672	12.136	1.973	58.105
2910.161	107.442	81.243	-3.584	35.001	2.080	61.572
2919.926	107.442	81.243	-3.491	73.542	2.188	64.355
2929.692	107.787	81.243	-3.398	168.959	2.285	65.332
2941.899	107.442	81.243	-3.306	334.987	2.378	66.846
2951.665	107.442	81.243	-3.213	558.539	2.461	67.041
2958.989	107.787	81.243	-3.125	810.205	2.544	68.408
2963.872	107.787	81.243	-3.047	1069.063	2.622	69.971
2968.754	107.442	81.588	-2.969	1313.539	2.700	69.189
2968.754	107.787	81.243	-2.896	1522.063	2.783	68.457
2968.754	107.442	81.243	-2.832	1687.444	2.861	68.457
2966.313	107.442	81.243	-2.764	1795.301	2.930	68.213
2966.313	107.787	81.243	-2.695	1860.662	3.003	67.822
2963.872	107.787	81.243	-2.632	1903.805	3.076	69.092
2963.872	107.787	81.243	-2.563	1910.996	3.140	70.068
2961.430	107.442	81.243	-2.500	1896.615	3.213	71.436
2958.989	107.442	81.243	-2.432	1875.690	3.276	72.510
2958.989	107.787	81.243	-2.358	1861.309	3.345	72.363
2958.989	107.442	81.243	-2.285	1839.738	3.408	73.389
2958.989	107.787	81.243	-2.217	1825.357	3.477	73.877
2958.989	107.787	81.243	-2.144	1804.433	3.540	73.877
2958.989	107.442	81.588	-2.070	1797.889	3.604	73.877
2958.989	107.787	81.588	-1.997	1798.536	3.677	73.633
2958.989	107.787	81.243	-1.929	1791.993	3.740	73.926
2958.989	107.787	81.243	-1.855	1799.183	3.804	73.633
2958.989	107.787	81.243	-1.787	1807.021	3.867	73.242
2958.989	107.787	81.243	-1.719	1814.211	3.936	71.143
2961.430	107.442	81.243	-1.650	1814.858	3.999	69.922
2961.430	107.787	81.243	-1.582	1816.152	4.062	70.361
2961.430	107.787	81.243	-1.514	1816.152	4.126	68.799
2958.989	107.787	81.243	-1.445	1816.799	4.185	67.725
2961.430	107.442	81.243	-1.377	1810.903	4.248	66.699
2961.430	107.787	81.243	-1.309	1810.903	4.307	64.600
2961.430	107.787	81.243	-1.240	1811.550	4.365	64.746

2961.430	107.442	81.243	-1.167	1805.653	4.424	63.232
2961.430	107.442	81.243	-1.099	1792.566	4.482	61.230
2961.430	107.787	81.243	-1.025	1793.860	4.541	58.545
2961.430	107.442	81.243	-0.952	1781.421	4.600	56.836
2961.430	107.442	81.243	-0.884	1768.981	4.639	12.451
2961.430	107.787	81.243	-0.811	1749.997	4.639	9.326
2961.430	107.787	81.243	-0.742	1712.031	4.639	8.740
2961.430	107.787	81.243	-0.674	1674.064	4.639	9.521
2961.430	107.787	81.243	-0.605	1623.657	4.639	9.619
2961.430	107.787	81.243	-0.537	1539.886	4.639	10.254
2963.872	107.787	81.243	-0.464	1462.659	4.644	4.492
2966.313	107.787	81.243	-0.400	1375.653	4.644	5.273
2973.637	107.787	81.243	-0.332	1200.347	4.644	9.326
2985.844	107.787	81.243	-0.273	1150.734	4.639	11.279
3002.934	107.787	81.243	-0.220	925.815	4.644	5.908
3015.141	107.787	81.243	-0.171	743.465	4.644	5.566
3024.907	107.787	81.243	-0.132	528.397	4.644	4.150
3027.348	102.616	81.243	-0.093	327.064	4.639	8.740
3024.907	106.408	78.830	-0.083	175.417	4.639	9.082
3022.465	106.753	80.209	-0.078	39.445	4.624	8.252
3015.141	107.442	80.898	-0.073	-46.841	4.531	-3.760
3007.817	107.787	81.588	-0.083	-286.288	4.336	-4.150
2993.168	107.787	81.933	-0.083	-590.522	4.204	-17.920
2968.754	108.132	82.277	-0.093	-685.365	4.116	-21.338
2946.782	108.132	82.277	-0.107	-729.802	3.984	-26.465
2929.692	107.787	82.277	-0.127	-808.897	3.833	-25.342
2917.485	107.787	81.933	-0.166	-922.651	3.696	-27.002
2912.602	107.787	81.588	-0.210	-1016.774	3.560	-28.027
2912.602	107.787	81.588	-0.269	-1103.707	3.491	-35.547
2917.485	107.787	81.588	-0.337	-1189.346	3.428	-41.162
2924.809	107.787	81.243	-0.415	-1253.413	3.359	-47.168
2932.133	107.787	81.243	-0.493	-1310.290	3.301	-51.025
2939.457	107.787	81.243	-0.576	-1325.318	3.232	-54.541
2944.340	107.787	81.243	-0.659	-1346.889	3.164	-57.861
2949.223	107.787	81.243	-0.747	-1353.433	3.096	-59.766
2951.665	107.787	81.243	-0.830	-1346.889	3.027	-61.963
2951.665	107.787	81.243	-0.913	-1333.155	2.959	-61.816
2954.106	107.787	81.243	-0.996	-1352.139	2.881	-62.646
2951.665	107.787	81.588	-1.079	-1365.226	2.808	-61.670
2951.665	107.787	81.588	-1.162	-1325.318	2.729	-60.791
2951.665	107.787	81.588	-1.240	-1324.671	2.651	-58.740
2949.223	107.787	81.243	-1.323	-1318.127	2.573	-57.031
2949.223	107.442	81.243	-1.401	-1318.127	2.495	-55.371
2946.782	107.787	81.588	-1.479	-1338.405	2.407	-53.223
2946.782	107.442	81.243	-1.558	-1351.492	2.324	-51.318
2944.340	107.442	81.243	-1.636	-1331.861	2.236	-48.340
2946.782	107.787	81.243	-1.719	-1351.492	2.148	-45.459
2946.782	107.442	81.243	-1.797	-1351.492	2.056	-42.578
2946.782	107.787	81.243	-1.875	-1371.769	1.963	-41.113
2946.782	107.787	81.588	-1.953	-1358.682	1.875	-40.869
2949.223	107.442	81.243	-2.031	-1332.508	1.782	-40.625
2949.223	107.787	81.588	-2.114	-1345.595	1.689	-39.258
2949.223	107.787	81.588	-2.197	-1345.595	1.597	-38.330
2949.223	107.787	81.588	-2.275	-1352.139	1.504	-36.963

2949.223	107.787	81.588	-2.358	-1365.226	1.416	-36.230
2949.223	107.787	81.243	-2.437	-1351.492	1.318	-34.668
2949.223	107.442	81.243	-2.520	-1339.052	1.230	-32.910
2949.223	107.787	81.243	-2.598	-1352.139	1.143	-31.738
2949.223	107.787	81.588	-2.681	-1371.769	1.050	-31.445
2949.223	107.787	81.243	-2.759	-1352.139	0.967	-29.932
2949.223	107.787	81.588	-2.832	-1358.682	0.884	-28.418
2949.223	107.787	81.243	-2.910	-1371.769	0.796	-27.539
2949.223	107.787	81.243	-2.988	-1371.769	0.713	-24.707
2949.223	107.787	81.243	-3.066	-1371.769	0.625	-24.414
2946.782	107.787	81.243	-3.145	-1358.035	0.542	-22.852
2949.223	107.442	81.243	-3.223	-1371.122	0.454	-19.043
2949.223	107.787	81.588	-3.306	-1358.035	0.430	-8.154
2949.223	107.787	81.588	-3.384	-1306.334	0.430	-8.740
2951.665	107.787	81.588	-3.457	-1018.422	0.430	-8.398
2954.106	107.787	81.588	-3.535	-795.298	0.430	-8.398
2961.430	107.787	81.243	-3.613	-737.054	0.425	-8.350
2973.637	107.442	81.243	-3.682	-723.967	0.435	-11.133
2988.286	107.442	81.588	-3.745	-697.793	0.430	-4.297
3002.934	107.787	81.243	-3.804	-697.793	0.425	-1.611
3010.258	107.787	81.588	-3.848	-678.810	0.425	-6.787
3015.141	107.787	81.243	-3.887	-553.837	0.425	-8.447
3017.582	107.787	81.588	-3.911	-561.027	0.425	-6.348
3022.465	107.787	81.588	-3.931	-567.571	0.425	-3.369
3022.465	107.787	81.243	-3.945	-561.027	0.425	-3.027
3020.024	107.787	81.588	-3.955	-547.940	0.425	-4.346
3015.141	107.787	81.243	-3.955	-554.484	0.425	-8.691
3010.258	107.787	81.243	-3.955	-554.484	0.425	-7.910
3007.817	107.787	81.588	-3.955	-554.484	0.435	-6.543
3002.934	107.787	81.588	-3.955	-534.854	0.557	4.639
2998.051	107.787	81.588	-3.955	-142.246	0.776	11.719
2980.961	107.787	81.588	-3.950	-56.534	0.942	22.900
2956.547	107.787	81.588	-3.945	-43.447	1.118	26.074
2934.575	107.787	81.588	-3.931	-37.551	1.333	23.242
2917.485	107.787	81.588	-3.906	-10.730	1.514	24.609
2902.836	107.787	81.588	-3.867	-10.730	1.631	35.596
2897.954	107.787	81.588	-3.813	-10.083	1.748	43.018
2895.512	107.787	81.588	-3.740	-9.436	1.865	48.975
2900.395	107.787	81.243	-3.662	12.783	1.978	54.248
2907.719	107.787	81.588	-3.574	42.192	2.090	57.178
2917.485	107.787	81.588	-3.481	80.732	2.197	60.547
2929.692	107.787	81.243	-3.389	176.796	2.295	61.914
2939.457	107.787	81.243	-3.291	356.558	2.388	64.648
2951.665	107.787	81.588	-3.203	580.110	2.471	65.283
2958.989	107.442	81.243	-3.120	838.967	2.549	66.797
2963.872	107.787	81.588	-3.037	1104.368	2.627	67.725
2966.313	107.787	81.588	-2.964	1335.110	2.710	66.699
2968.754	107.787	81.243	-2.891	1536.444	2.788	67.041
2966.313	107.442	81.588	-2.822	1701.178	2.866	65.918
2966.313	107.787	81.588	-2.754	1809.682	2.939	66.406
2963.872	107.787	81.588	-2.690	1875.043	3.013	66.504
2963.872	107.787	81.243	-2.627	1903.805	3.081	66.943
2961.430	107.787	81.588	-2.559	1910.996	3.149	69.043
2958.989	107.787	81.243	-2.490	1903.805	3.218	70.264

2958.989	107.787	81.243	-2.422	1882.881	3.286	70.703
2956.547	107.787	81.588	-2.354	1854.766	3.350	71.680
2956.547	107.787	81.243	-2.280	1833.194	3.418	72.510
2956.547	107.787	81.243	-2.207	1818.813	3.481	74.023
2956.547	107.787	81.588	-2.134	1805.080	3.545	73.975
2956.547	107.442	81.588	-2.065	1805.080	3.613	73.926
2956.547	107.787	81.588	-1.992	1798.536	3.677	72.803
2956.547	107.787	81.243	-1.924	1805.727	3.745	73.096
2956.547	107.442	81.243	-1.851	1799.183	3.813	72.754
2956.547	107.787	81.588	-1.782	1813.564	3.877	71.777
2956.547	107.787	81.588	-1.714	1814.211	3.940	69.971
2956.547	107.787	81.588	-1.646	1814.858	4.009	69.531
2956.547	107.787	81.588	-1.577	1815.505	4.067	69.336
2956.547	107.787	81.588	-1.509	1816.152	4.136	68.701
2956.547	107.442	81.588	-1.440	1809.609	4.194	67.334
2956.547	107.442	81.588	-1.372	1810.256	4.253	65.723
2958.989	107.787	81.588	-1.304	1804.359	4.312	64.502
2958.989	107.442	81.588	-1.230	1805.006	4.370	64.014
2958.989	107.787	81.588	-1.162	1799.110	4.429	63.184
2956.547	107.787	81.588	-1.089	1792.566	4.487	61.084
2956.547	107.787	81.588	-1.021	1787.317	4.551	59.277
2956.547	107.442	81.588	-0.947	1774.877	4.604	56.543
2956.547	107.787	81.588	-0.879	1762.437	4.644	14.160
2956.547	107.787	81.588	-0.806	1736.910	4.639	9.131
2956.547	107.787	81.588	-0.737	1712.031	4.644	10.303
2958.989	107.787	81.588	-0.664	1674.711	4.644	10.156
2958.989	107.787	81.588	-0.596	1610.570	4.644	9.375
2958.989	107.787	81.243	-0.527	1533.990	4.644	9.082
2961.430	107.442	81.588	-0.459	1449.572	4.644	4.834
2963.872	107.787	81.588	-0.396	1375.653	4.644	9.326
2973.637	107.787	81.588	-0.332	1193.156	4.644	8.838
2985.844	107.787	81.588	-0.269	1135.706	4.644	5.566
3000.493	107.787	81.588	-0.210	897.053	4.644	4.395
3015.141	107.787	81.588	-0.166	714.703	4.644	5.420
3024.907	106.753	113.303	-0.107	506.179	4.644	8.447
3027.348	107.098	79.864	-0.093	305.492	4.639	11.279
3024.907	107.442	80.209	-0.083	153.845	4.619	8.398
3022.465	107.442	81.933	-0.083	18.520	4.512	-4.297
3012.700	107.787	82.277	-0.083	-355.030	4.316	-4.688
2993.168	107.787	82.277	-0.083	-595.771	4.204	-15.625
2968.754	107.787	82.277	-0.093	-686.659	4.102	-24.658
2946.782	107.787	82.277	-0.107	-778.194	3.945	-25.586
2927.250	107.787	81.933	-0.132	-845.497	3.799	-26.074
2915.043	107.787	81.933	-0.171	-952.707	3.657	-27.832
2910.161	107.787	81.588	-0.220	-1052.727	3.550	-32.715
2912.602	107.787	81.243	-0.278	-1139.012	3.481	-39.697
2917.485	107.787	81.243	-0.347	-1204.374	3.418	-45.020
2924.809	107.787	81.243	-0.425	-1248.811	3.354	-49.805
2932.133	107.787	81.243	-0.508	-1343.654	3.286	-53.613
2939.457	107.787	81.243	-0.591	-1332.508	3.223	-56.787
2946.782	107.787	81.243	-0.674	-1353.433	3.154	-59.717
2954.106	107.787	81.243	-0.757	-1359.976	3.086	-62.158
2956.547	107.787	81.588	-0.845	-1346.889	3.018	-64.014
2958.989	107.787	81.588	-0.928	-1339.699	2.944	-64.160

2958.989	107.442	81.588	-1.011	-1345.595	2.871	-64.502
2958.989	107.787	81.588	-1.094	-1325.318	2.798	-63.379
2956.547	107.442	81.588	-1.177	-1331.861	2.720	-61.719
2954.106	107.787	81.588	-1.255	-1331.861	2.642	-58.643
2954.106	107.787	81.588	-1.338	-1325.318	2.559	-57.080
2951.665	107.787	81.588	-1.416	-1324.671	2.480	-55.518
2949.223	107.787	81.588	-1.494	-1338.405	2.397	-53.369
2949.223	107.442	81.588	-1.577	-1371.122	2.310	-51.221
2949.223	107.442	81.588	-1.650	-1344.948	2.222	-48.633
2949.223	107.787	81.588	-1.729	-1358.035	2.134	-46.729
2949.223	107.787	81.588	-1.812	-1339.052	2.041	-43.213
2949.223	107.787	81.588	-1.890	-1345.595	1.948	-42.188
2951.665	107.787	81.588	-1.968	-1365.226	1.855	-41.748
2951.665	107.787	81.588	-2.046	-1352.139	1.763	-40.527
2951.665	107.787	81.588	-2.129	-1352.139	1.675	-39.746
2951.665	107.787	81.588	-2.207	-1358.682	1.582	-38.525
2951.665	107.787	81.588	-2.290	-1358.035	1.489	-37.598
2949.223	107.787	81.588	-2.373	-1384.856	1.396	-36.719
2951.665	107.787	81.588	-2.451	-1352.139	1.304	-35.596
2949.223	107.787	81.588	-2.534	-1338.405	1.216	-33.691
2951.665	107.787	81.588	-2.612	-1378.312	1.123	-32.129
2949.223	107.787	81.588	-2.690	-1345.595	1.035	-31.152
2949.223	107.787	81.588	-2.773	-1338.405	0.952	-28.516
2949.223	107.787	81.588	-2.847	-1352.139	0.864	-27.539
2949.223	107.787	81.588	-2.925	-1378.312	0.781	-27.686
2951.665	107.787	81.588	-3.003	-1371.122	0.693	-25.635
2951.665	107.787	81.588	-3.081	-1351.492	0.610	-23.926
2951.665	107.787	81.588	-3.159	-1377.665	0.527	-22.217
2951.665	107.787	81.588	-3.237	-1351.492	0.439	-18.213
2951.665	107.787	81.588	-3.315	-1371.122	0.430	-9.912
2951.665	107.787	81.588	-3.394	-1273.617	0.425	-8.838
2951.665	107.787	81.588	-3.472	-985.705	0.425	-8.105
2954.106	107.787	81.588	-3.550	-775.667	0.425	-8.643
2963.872	107.787	81.588	-3.628	-729.863	0.425	-8.057
2976.079	107.787	81.588	-3.696	-723.967	0.425	-11.182
2990.727	107.787	81.588	-3.760	-704.336	0.425	-3.418
3005.375	107.787	81.588	-3.813	-697.793	0.425	-3.271
3012.700	107.787	81.588	-3.857	-586.554	0.425	-6.934
3015.141	107.787	81.588	-3.892	-566.924	0.425	-6.738
3017.582	107.787	81.588	-3.916	-561.027	0.420	-6.934
3020.024	107.787	81.588	-3.936	-561.027	0.425	-3.467
3020.024	107.787	81.588	-3.950	-554.484	0.425	-2.393
3017.582	107.787	81.588	-3.955	-561.027	0.425	-5.762
3012.700	107.787	81.588	-3.950	-561.027	0.425	-6.494
3007.817	107.787	81.243	-3.955	-547.940	0.444	-5.518
3002.934	107.787	81.588	-3.955	-397.441	0.620	10.303
2995.610	107.787	81.588	-3.955	-102.985	0.815	15.137
2976.079	107.787	81.933	-3.950	-56.534	0.972	24.072
2949.223	107.787	81.933	-3.945	-43.447	1.182	23.486
2927.250	107.787	81.933	-3.926	-50.638	1.387	21.973
2907.719	107.787	81.933	-3.896	-17.273	1.543	27.832
2895.512	107.442	81.933	-3.853	-10.730	1.660	38.574
2893.071	107.787	81.588	-3.794	-3.539	1.777	44.971
2893.071	107.787	81.588	-3.721	-2.245	1.895	50.781

2897.954	107.787 81.588	-3.643	12.783	2.007	54.834
2905.278	107.787 81.588	-3.550	35.648	2.119	58.643
2915.043	107.787 81.588	-3.457	74.189	2.227	59.668
2927.250	107.787 81.588	-3.364	176.796	2.324	61.719
2937.016	107.787 81.588	-3.267	349.368	2.412	64.014
2949.223	107.787 81.588	-3.179	572.920	2.495	65.381
2956.547	107.787 81.588	-3.096	824.586	2.578	66.797
2961.430	107.787 81.588	-3.013	1090.634		2.656 66.943
2963.872	107.787 81.588	-2.939	1334.463		2.739 67.480
2963.872	107.787 81.588	-2.866	1536.444		2.812 66.553
2963.872	107.787 81.588	-2.798	1694.634		2.891 66.064
2961.430	107.787 81.588	-2.734	1802.491		2.964 65.723
2961.430	107.787 81.588	-2.666	1874.396		3.037 66.260
2956.547	107.787 81.588	-2.603	1903.158		3.105 67.871
2956.547	107.787 81.588	-2.534	1910.349		3.174 69.531
2956.547	107.787 81.588	-2.466	1890.071		3.242 69.971
2956.547	107.787 81.588	-2.397	1875.690		3.306 71.240
2956.547	107.787 81.588	-2.329	1854.119		3.374 71.875
2956.547	107.787 81.588	-2.256	1833.194		3.438 72.363
2956.547	107.787 81.588	-2.183	1812.270		3.506 72.656
2956.547	107.787 81.588	-2.114	1805.080		3.569 73.730
2956.547	107.787 81.588	-2.041	1805.080		3.633 73.340
2956.547	107.787 81.588	-1.968	1805.727		3.701 73.340
2956.547	107.787 81.588	-1.899	1799.183		3.765 73.828
2958.989	107.787 81.588	-1.826	1806.374		3.833 73.193
2958.989	107.787 81.588	-1.758	1807.021		3.901 72.510
2958.989	107.787 81.588	-1.689	1807.668		3.965 71.387
2958.989	107.787 81.588	-1.621	1814.858		4.028 70.508
2958.989	107.787 81.588	-1.553	1822.696		4.092 68.652
2958.989	107.787 81.588	-1.484	1816.152		4.150 68.164
2958.989	107.787 81.588	-1.416	1816.799		4.214 67.188
2958.989	107.787 81.588	-1.348	1817.446		4.272 66.016
2958.989	107.787 81.588	-1.279	1804.359		4.331 64.844
2958.989	107.787 81.588	-1.206	1805.006		4.390 62.793
2958.989	107.787 81.588	-1.138	1799.110		4.448 61.475
2958.989	107.787 81.588	-1.064	1786.670		4.507 60.693
2958.989	107.787 81.588	-0.991	1780.774		4.565 58.789
2958.989	107.787 81.588	-0.918	1761.790		4.624 53.711
2961.430	107.787 81.588	-0.850	1763.084		4.644 7.861
2958.989	107.787 81.588	-0.781	1731.661		4.639 7.764
2958.989	107.787 81.588	-0.708	1706.781		4.644 9.229
2958.989	107.787 81.588	-0.640	1668.815		4.639 9.668
2961.430	107.787 81.588	-0.571	1585.691		4.644 9.326
2961.430	107.787 81.588	-0.503	1515.007		4.644 6.299
2963.872	107.787 81.588	-0.439	1436.485		4.639 6.104
2968.754	107.787 81.588	-0.371	1322.011		4.644 4.883
2978.520	107.787 81.588	-0.308	1176.834		4.644 7.324
2993.168	107.787 81.588	-0.249	1078.829		4.639 10.498
3010.258	107.787 81.588	-0.195	832.338	4.644	10.645
3022.465	107.787 81.588	-0.151	649.341	4.644	6.152
3029.790	107.787 81.588	-0.117	427.731	4.644	6.494
3032.231	107.787 80.898	-0.093	247.969	4.639	5.859
3029.790	108.132 81.243	-0.083	110.703	4.614	4.395
3024.907	108.132 81.933	-0.078	-29.872	4.478	-4.248

3012.700	108.132	82.277	-0.078	-454.476	4.287	-7.031
2990.727	107.787	82.277	-0.083	-583.978	4.189	-19.971
2966.313	107.787	82.277	-0.088	-706.937	4.067	-22.559
2941.899	107.787	82.277	-0.103	-778.841	3.911	-25.439
2924.809	107.787	81.933	-0.137	-845.497	3.765	-26.123
2912.602	107.787	81.933	-0.171	-959.897	3.584	-26.807
2910.161	107.787	81.933	-0.225	-1066.461	3.540	-33.154
2910.161	107.787	81.588	-0.288	-1146.203	3.472	-41.260
2917.485	107.787	81.588	-0.361	-1237.738	3.408	-46.631
2924.809	107.787	81.933	-0.435	-1261.897	3.345	-52.100
2934.575	107.787	81.588	-0.518	-1324.671	3.281	-56.055
2941.899	107.787	81.588	-0.601	-1293.247	3.213	-58.740
2946.782	107.787	81.588	-0.684	-1353.433	3.145	-61.230
2951.665	107.787	81.588	-0.767	-1353.433	3.076	-63.379
2954.106	107.787	81.588	-0.850	-1340.346	3.008	-64.551
2954.106	107.787	81.588	-0.938	-1346.242	2.935	-65.869
2954.106	107.787	81.588	-1.021	-1339.052	2.861	-64.990
2951.665	107.787	81.588	-1.099	-1351.492	2.788	-63.086
2951.665	107.787	81.588	-1.182	-1344.948	2.710	-61.426
2951.665	107.787	81.588	-1.265	-1331.861	2.627	-59.717
2949.223	107.787	81.588	-1.343	-1324.671	2.549	-58.447
2949.223	107.787	81.588	-1.421	-1358.035	2.471	-55.859
2949.223	107.787	81.933	-1.504	-1338.405	2.388	-53.613
2949.223	107.787	81.588	-1.582	-1331.861	2.300	-51.416
2949.223	107.787	81.588	-1.660	-1338.405	2.212	-48.779
2949.223	107.787	81.588	-1.738	-1338.405	2.119	-46.045
2949.223	107.787	81.588	-1.816	-1338.405	2.031	-42.871
2949.223	107.787	81.588	-1.899	-1352.139	1.938	-42.188
2951.665	107.787	81.588	-1.978	-1339.052	1.846	-41.357
2951.665	107.787	81.588	-2.056	-1345.595	1.753	-41.211
2951.665	107.787	81.588	-2.139	-1352.139	1.665	-40.527
2951.665	107.787	81.588	-2.217	-1325.965	1.572	-38.818
2951.665	107.787	81.588	-2.300	-1358.682	1.479	-38.477
2951.665	107.787	81.588	-2.383	-1358.682	1.387	-37.256
2951.665	107.787	81.588	-2.461	-1371.769	1.294	-35.791
2951.665	107.787	81.588	-2.544	-1344.948	1.206	-34.033
2949.223	107.787	81.588	-2.622	-1358.682	1.113	-32.764
2949.223	107.787	81.588	-2.700	-1371.122	1.025	-30.859
2949.223	107.787	81.933	-2.778	-1352.139	0.942	-28.564
2949.223	107.787	81.933	-2.856	-1358.682	0.854	-28.174
2949.223	107.787	81.588	-2.935	-1364.579	0.771	-27.295
2949.223	107.787	81.588	-3.013	-1351.492	0.684	-25.830
2949.223	107.787	81.933	-3.091	-1358.035	0.596	-22.949
2949.223	107.787	81.588	-3.169	-1358.035	0.513	-21.680
2949.223	107.787	81.588	-3.247	-1371.122	0.430	-18.213
2946.782	107.787	81.588	-3.325	-1358.035	0.430	-8.643
2946.782	107.787	81.588	-3.403	-1253.987	0.425	-8.496
2946.782	107.787	81.588	-3.481	-939.254	0.425	-8.154
2951.665	107.787	81.933	-3.560	-763.227	0.425	-7.910
2961.430	107.787	81.588	-3.633	-730.510	0.425	-8.643
2976.079	107.787	81.588	-3.701	-717.423	0.425	-5.273
2990.727	107.787	81.588	-3.765	-697.793	0.425	-8.789
3002.934	107.787	81.588	-3.818	-697.793	0.430	-1.953
3010.258	107.787	81.933	-3.862	-567.571	0.425	-3.076

3015.141	107.787 81.933	-3.896	-580.658	0.420	-5.322
3017.582	107.787 81.933	-3.921	-567.571	0.420	-6.738
3020.024	107.787 81.933	-3.936	-567.571	0.425	-6.494
3020.024	107.787 81.588	-3.950	-561.027	0.425	-4.248
3017.582	107.787 81.933	-3.955	-554.484	0.425	-2.295
3015.141	107.787 81.933	-3.955	-568.218	0.425	-5.713
3010.258	107.787 81.588	-3.955	-554.484	0.420	-8.545
3007.817	107.787 81.588	-3.955	-547.940	0.425	-7.910
3002.934	107.787 81.588	-3.955	-541.397	0.425	-5.273
3000.493	107.787 81.933	-3.955	-534.206	0.420	-2.100
2998.051	107.787 81.933	-3.950	-521.120	0.425	-5.469
2998.051	107.787 81.588	-3.945	-514.576	0.439	-3.711
2998.051	107.787 81.588	-3.950	-514.576	0.542	6.348
2993.168	107.787 81.933	-3.945	-101.691	0.796	10.400
2980.961	107.787 81.933	-3.950	-10.083	0.957	21.191
2958.989	107.787 81.933	-3.945	-3.539	1.172	23.682
2937.016	107.787 81.933	-3.931	-3.539	1.392	23.730
2917.485	107.787 81.933	-3.911	-3.539	1.514	33.398
2905.278	107.787 81.933	-3.867	3.651	1.631	44.922
2897.954	107.787 81.933	-3.813	10.842	1.743	51.904
2897.954	107.787 81.933	-3.745	25.869	1.860	57.764
2902.836	107.787 81.933	-3.667	55.925	1.968	63.428
2910.161	107.787 81.933	-3.584	95.760	2.075	68.115
2922.368	107.787 81.933	-3.491	212.102	2.173	70.117
2934.575	107.787 81.588	-3.398	385.967	2.266	71.875
2944.340	107.787 81.588	-3.311	623.253	2.354	73.242
2954.106	107.787 81.588	-3.223	882.110	2.437	74.316
2961.430	107.787 81.933	-3.145	1140.967	2.515	74.805
2963.872	107.787 81.588	-3.066	1371.063	2.598	75.391
2966.313	107.787 81.933	-2.993	1565.206	2.676	74.561
2963.872	107.787 81.588	-2.925	1716.206	2.754	73.145
2963.872	107.787 81.588	-2.856	1824.063	2.832	73.047
2961.430	107.787 81.933	-2.788	1881.587	2.905	71.924
2961.430	107.442 81.588	-2.725	1910.996	2.983	71.484
2958.989	107.787 81.933	-2.656	1917.539	3.052	72.070
2958.989	107.787 81.588	-2.593	1896.615	3.125	73.828
2958.989	107.787 81.588	-2.524	1882.234	3.188	73.975
2958.989	107.787 81.588	-2.456	1846.928	3.257	75.195
2958.989	107.787 81.933	-2.383	1832.547	3.325	75.244
2958.989	107.787 81.933	-2.314	1825.357	3.389	75.391
2956.547	107.787 81.933	-2.241	1804.433	3.452	75.439
2956.547	107.787 81.588	-2.168	1804.433	3.521	75.684
2956.547	107.787 81.588	-2.095	1797.889	3.584	75.391
2956.547	107.787 81.933	-2.021	1798.536	3.652	75.000
2956.547	107.787 81.933	-1.953	1805.727	3.716	74.707
2956.547	107.787 81.933	-1.885	1806.374	3.779	74.023
2956.547	107.787 81.933	-1.812	1807.021	3.848	72.754
2956.547	107.787 81.588	-1.743	1807.668	3.911	71.924
2956.547	107.787 81.933	-1.675	1814.858	3.979	72.021
2958.989	107.787 81.933	-1.606	1822.696	4.043	70.752
2956.547	107.787 81.933	-1.538	1816.152	4.106	69.873
2956.547	107.787 81.933	-1.470	1816.799	4.170	69.629
2958.989	107.787 81.933	-1.401	1810.256	4.229	67.090
2958.989	107.787 81.588	-1.333	1810.903	4.287	66.797

2958.989	107.787 81.933	-1.265	1797.816	4.346	65.381
2958.989	107.787 81.933	-1.191	1798.463	4.399	63.770
2956.547	107.787 81.933	-1.123	1792.566	4.463	62.451
2956.547	107.787 81.933	-1.050	1780.127	4.521	60.840
2956.547	107.787 81.933	-0.977	1774.230	4.580	58.105
2956.547	107.787 81.933	-0.908	1755.247	4.634	45.117
2954.106	107.787 81.933	-0.835	1743.454	4.639	9.961
2956.547	107.787 81.933	-0.762	1718.574	4.644	10.107
2954.106	107.787 81.933	-0.693	1680.607	4.644	9.570
2954.106	107.787 81.933	-0.625	1630.201	4.644	9.912
2956.547	107.787 81.933	-0.557	1560.164	4.644	9.229
2956.547	107.787 81.933	-0.488	1476.393	4.644	10.254
2958.989	107.787 81.933	-0.420	1416.855	4.644	7.666
2966.313	107.787 81.933	-0.356	1275.560	4.644	3.955
2976.079	107.787 81.933	-0.293	1161.806	4.644	9.180
2990.727	107.787 81.933	-0.239	1023.246	4.644	9.131
3007.817	107.787 81.933	-0.186	795.739 4.644	4.736	
3017.582	107.787 81.933	-0.142	606.846 4.644	4.785	
3024.907	107.787 81.933	-0.112	398.322 4.644	4.346	
3024.907	107.787 81.933	-0.093	219.207 4.644	7.520	
3022.465	107.787 81.933	-0.083	75.397 4.644	11.523	
3015.141	107.787 81.933	-0.078	-18.079 4.644	9.863	
3010.258	107.787 81.933	-0.078	-76.250 4.644	6.201	
3005.375	107.787 81.588	-0.083	-105.012	4.644	5.762
3000.493	107.442 81.588	-0.078	-105.012	4.644	6.982
2995.610	107.787 81.243	-0.088	-90.631 4.629	8.301	
2993.168	108.132 81.933	-0.093	-69.059 4.570	-0.928	
2990.727	108.132 82.277	-0.098	-126.009	4.370	-2.295
2983.403	108.132 82.277	-0.103	-517.970	4.214	-6.396
2963.872	108.132 82.277	-0.107	-565.068	4.136	-19.434
2944.340	108.132 82.277	-0.112	-648.766	3.994	-25.391
2927.250	107.787 81.933	-0.127	-735.699	3.838	-24.805
2917.485	107.787 81.933	-0.156	-856.643	3.701	-25.635
2910.161	107.787 81.933	-0.200	-965.794	3.579	-30.762
2910.161	107.787 81.933	-0.254	-1080.841	3.506	-36.621
2912.602	107.787 81.933	-0.317	-1180.861	3.442	-44.385
2919.926	107.787 81.588	-0.391	-1253.413	3.379	-49.023
2924.809	107.787 81.588	-0.469	-1290.659	3.311	-53.125
2932.133	107.787 81.933	-0.552	-1320.068	3.247	-56.543
2939.457	107.787 81.588	-0.640	-1354.080	3.179	-59.619
2944.340	107.787 81.588	-0.723	-1367.814	3.115	-62.305
2946.782	107.787 81.588	-0.806	-1354.080	3.047	-63.916
2949.223	107.787 81.933	-0.894	-1366.520	2.974	-65.820
2949.223	107.787 81.933	-0.977	-1346.242	2.900	-65.381
2949.223	107.787 81.933	-1.060	-1325.965	2.827	-64.893
2951.665	107.787 81.933	-1.143	-1338.405	2.749	-63.135
2949.223	107.787 81.933	-1.221	-1331.861	2.671	-61.426
2946.782	107.787 81.933	-1.304	-1331.214	2.593	-60.400
2946.782	107.787 81.933	-1.382	-1331.861	2.515	-57.959
2944.340	107.787 81.933	-1.460	-1311.584	2.432	-55.420
2944.340	107.787 81.933	-1.543	-1344.948	2.349	-52.832
2944.340	107.787 81.933	-1.621	-1351.492	2.261	-50.146
2944.340	107.787 81.933	-1.699	-1338.405	2.173	-47.119
2944.340	107.787 81.933	-1.777	-1332.508	2.075	-43.994

2944.340	107.787 81.933	-1.855	-1358.682	1.987	-41.650
2944.340	107.787 81.933	-1.934	-1352.139	1.895	-40.674
2944.340	107.787 81.933	-2.012	-1345.595	1.807	-40.625
2946.782	107.787 81.933	-2.095	-1358.682	1.714	-39.893
2946.782	107.787 81.933	-2.173	-1358.682	1.621	-39.502
2946.782	107.787 81.933	-2.256	-1345.595	1.528	-38.721
2946.782	107.787 81.933	-2.339	-1345.595	1.436	-37.646
2946.782	107.787 81.933	-2.422	-1352.139	1.343	-36.621
2946.782	107.787 81.933	-2.500	-1358.035	1.255	-35.352
2946.782	107.787 81.933	-2.578	-1352.139	1.167	-34.863
2949.223	107.787 81.933	-2.661	-1358.682	1.074	-33.105
2949.223	107.787 81.933	-2.734	-1352.139	0.986	-31.250
2949.223	107.787 81.933	-2.812	-1352.139	0.903	-29.102
2949.223	107.787 81.933	-2.891	-1371.769	0.815	-26.514
2949.223	107.787 81.933	-2.969	-1371.122	0.728	-26.270
2951.665	107.787 81.933	-3.047	-1371.769	0.649	-24.365
2951.665	107.787 81.933	-3.125	-1365.226	0.557	-22.656
2951.665	107.787 81.933	-3.203	-1358.035	0.474	-19.531
2951.665	107.787 81.933	-3.281	-1384.856	0.430	-10.400
2949.223	107.787 81.933	-3.359	-1338.405	0.430	-8.838
2951.665	107.787 81.588	-3.438	-1096.297	0.430	-8.594
2951.665	107.787 81.933	-3.516	-848.292	0.430	-8.789
2958.989	107.787 81.933	-3.594	-736.407	0.430	-9.521
2971.196	107.787 81.933	-3.667	-717.423	0.430	-8.496
2985.844	107.787 81.933	-3.730	-704.336	0.425	-10.010
2998.051	107.787 81.933	-3.789	-697.793	0.420	-2.979
3007.817	107.787 81.933	-3.838	-691.249	0.425	-2.539
3012.700	107.787 81.933	-3.877	-547.293	0.425	-3.223
3015.141	108.132 81.933	-3.906	-567.571	0.425	-7.324
3017.582	107.787 81.933	-3.931	-567.571	0.425	-7.617
3020.024	107.787 81.933	-3.940	-567.571	0.425	-4.492
3017.582	107.787 81.933	-3.950	-554.484	0.425	-2.783
3017.582	107.787 81.933	-3.955	-567.571	0.425	-4.980
3012.700	107.787 81.933	-3.955	-561.027	0.425	-8.740
3007.817	107.787 81.933	-3.955	-561.027	0.425	-7.764
3002.934	107.787 81.933	-3.955	-547.940	0.439	-5.615
3000.493	107.787 81.933	-3.950	-541.397	0.557	5.029
2995.610	107.787 81.933	-3.950	-135.056	0.786	11.523
2978.520	107.787 81.933	-3.945	-63.078 0.952	27.832	
2954.106	107.787 81.933	-3.945	-43.447 1.147	22.998	
2929.692	107.787 81.933	-3.931	-17.273 1.367	21.387	
2910.161	107.787 81.933	-3.906	-10.730 1.519	28.809	
2895.512	107.787 81.933	-3.867	-10.730 1.636	37.598	
2888.188	107.787 81.933	-3.809	-2.892 1.748	46.680	
2885.747	107.787 81.933	-3.740	-2.245 1.865	53.223	
2890.629	107.787 81.933	-3.662	19.973 1.978	59.033	
2900.395	107.787 81.933	-3.574	50.029 2.090	60.498	
2912.602	107.787 81.933	-3.481	102.950 2.197	62.891	
2922.368	107.787 81.933	-3.389	233.673 2.290	65.625	
2937.016	107.787 81.933	-3.291	407.539 2.383	66.846	
2949.223	107.787 81.933	-3.203	658.558 2.466	68.701	
2956.547	107.787 81.933	-3.120	910.872 2.544	69.385	
2961.430	107.787 81.933	-3.042	1169.729	2.627	71.094
2966.313	107.787 81.933	-2.969	1406.368	2.700	71.240

2966.313	107.787 81.933	-2.896	1586.777	2.783	71.875
2966.313	107.787 81.933	-2.827	1730.587	2.861	70.605
2963.872	107.787 81.933	-2.759	1831.253	2.930	69.775
2961.430	107.787 81.933	-2.695	1882.234	3.008	69.336
2958.989	107.787 81.933	-2.627	1917.539	3.076	70.459
2956.547	107.787 81.933	-2.563	1910.996	3.145	71.680
2954.106	107.787 81.933	-2.495	1896.615	3.213	71.680
2954.106	107.787 81.933	-2.427	1868.500	3.286	71.826
2951.665	107.787 81.933	-2.358	1846.928	3.345	72.559
2951.665	107.787 81.933	-2.285	1826.004	3.413	73.145
2954.106	107.787 81.933	-2.212	1811.623	3.477	72.412
2954.106	107.787 81.933	-2.139	1797.889	3.545	72.705
2954.106	107.787 81.933	-2.070	1791.346	3.608	73.047
2954.106	107.787 81.933	-1.997	1791.346	3.677	72.656
2956.547	107.787 81.933	-1.929	1798.536	3.740	72.803
2954.106	107.787 81.933	-1.855	1799.183	3.804	72.559
2954.106	107.787 81.933	-1.787	1807.021	3.872	72.314
2954.106	107.787 81.933	-1.719	1807.668	3.936	71.924
2954.106	107.787 81.933	-1.646	1814.858	3.999	71.387
2954.106	107.787 81.933	-1.582	1815.505	4.062	71.045
2954.106	107.787 81.933	-1.514	1802.418	4.126	69.775
2954.106	107.787 81.933	-1.445	1803.065	4.189	67.529
2954.106	107.787 81.933	-1.377	1803.712	4.248	67.285
2954.106	107.787 81.933	-1.309	1803.712	4.307	64.600
2954.106	107.787 81.933	-1.235	1797.816	4.365	64.502
2954.106	107.787 81.933	-1.167	1791.919	4.424	61.621
2956.547	107.787 81.933	-1.094	1786.023	4.482	60.303
2956.547	107.787 81.933	-1.025	1773.583	4.541	58.691
2956.547	107.787 81.933	-0.952	1767.687	4.600	55.908
2956.547	107.787 81.933	-0.879	1749.350	4.644	12.061
2956.547	108.132 81.933	-0.811	1744.101	4.644	8.887
2958.989	107.787 81.933	-0.737	1712.031	4.644	10.400
2958.989	107.787 81.933	-0.669	1674.711	4.644	10.742
2958.989	107.787 81.933	-0.601	1598.131	4.639	10.156
2958.989	107.787 81.933	-0.532	1527.447	4.644	9.473
2958.989	107.787 81.933	-0.464	1469.849	4.644	5.273
2963.872	107.787 81.933	-0.400	1389.387	4.644	7.959
2971.196	107.787 81.933	-0.332	1200.347	4.644	7.568
2980.961	107.787 81.933	-0.273	1150.734	4.644	7.178
2998.051	107.787 81.933	-0.215	918.624 4.644	5.469	
3010.258	107.787 81.933	-0.171	729.731 4.644	5.518	
3020.024	107.787 81.933	-0.132	520.560 4.644	7.812	
3024.907	107.787 81.933	-0.103	319.873 4.648	10.254	
3022.465	107.787 81.933	-0.088	168.226 4.644	5.029	
3017.582	107.787 81.933	-0.078	38.798 4.644	5.762	
3012.700	107.787 81.588	-0.073	-40.297 4.639	4.199	
3007.817	107.787 81.933	-0.078	-90.631 4.629	4.492	
3000.493	107.787 82.277	-0.083	-111.555	4.585	-0.391
2995.610	107.787 82.277	-0.088	-150.816	4.395	-2.588
2985.844	108.132 82.622	-0.093	-568.303	4.238	-15.918
2966.313	108.132 82.967	-0.098	-595.124	4.155	-21.191
2941.899	107.787 82.967	-0.107	-664.441	4.043	-25.439
2924.809	108.132 82.622	-0.127	-742.889	3.896	-25.293
2912.602	107.787 82.622	-0.151	-810.838	3.755	-25.732

2905.278	107.787 82.277	-0.195	-958.603	3.618	-25.244
2902.836	107.787 82.277	-0.249	-1066.461	3.525	-29.785
2905.278	107.787 82.277	-0.312	-1159.937	3.452	-37.451
2912.602	107.787 81.933	-0.386	-1239.032	3.389	-43.506
2919.926	107.787 81.933	-0.464	-1309.643	3.320	-48.291
2929.692	107.787 81.933	-0.542	-1325.965	3.257	-52.148
2937.016	107.787 81.933	-0.625	-1353.433	3.193	-55.566
2944.340	107.787 81.933	-0.713	-1361.270	3.125	-58.887
2946.782	107.787 81.933	-0.796	-1348.183	3.052	-60.742
2949.223	107.787 81.933	-0.879	-1360.623	2.983	-63.135
2949.223	107.787 81.933	-0.967	-1339.699	2.910	-62.158
2949.223	107.787 81.933	-1.045	-1332.508	2.837	-61.523
2946.782	107.787 81.933	-1.133	-1325.965	2.764	-60.645
2946.782	107.787 81.933	-1.211	-1331.861	2.681	-59.375
2946.782	107.787 82.277	-1.294	-1344.948	2.607	-58.057
2946.782	107.787 81.933	-1.372	-1344.948	2.524	-56.250
2944.340	107.787 81.933	-1.450	-1331.861	2.441	-54.053
2944.340	107.787 81.933	-1.528	-1331.861	2.358	-51.270
2944.340	107.787 81.933	-1.606	-1325.318	2.271	-48.730
2944.340	107.787 81.933	-1.685	-1351.492	2.183	-45.410
2944.340	107.787 81.933	-1.763	-1352.139	2.090	-42.676
2944.340	107.787 81.933	-1.846	-1339.052	2.002	-40.332
2944.340	107.442 81.933	-1.924	-1325.965	1.909	-40.137
2944.340	107.787 81.933	-2.002	-1371.769	1.816	-39.941
2946.782	107.787 81.933	-2.080	-1352.139	1.729	-39.795
2944.340	107.787 81.933	-2.163	-1358.682	1.636	-39.160
2944.340	107.787 81.933	-2.241	-1345.595	1.543	-38.525
2944.340	107.787 81.933	-2.324	-1358.682	1.450	-37.061
2944.340	107.787 81.933	-2.407	-1358.682	1.357	-36.426
2944.340	107.787 81.933	-2.490	-1358.682	1.270	-34.521
2944.340	107.787 81.933	-2.568	-1338.405	1.177	-33.057
2944.340	107.787 81.933	-2.646	-1378.312	1.089	-31.055
2946.782	107.787 81.933	-2.725	-1358.682	1.001	-28.711
2944.340	107.787 81.933	-2.803	-1364.579	0.913	-28.516
2946.782	107.787 81.933	-2.881	-1365.226	0.830	-26.172
2946.782	107.787 81.933	-2.959	-1371.769	0.742	-25.293
2946.782	107.787 81.933	-3.037	-1345.595	0.659	-23.486
2946.782	107.787 81.933	-3.115	-1358.682	0.576	-21.777
2946.782	107.787 81.933	-3.193	-1384.209	0.488	-20.361
2946.782	107.787 81.933	-3.271	-1371.122	0.430	-2.979
2946.782	107.787 81.933	-3.350	-1332.508	0.430	-8.887
2949.223	107.787 81.933	-3.428	-1175.465	0.425	-8.740
2949.223	107.787 82.277	-3.506	-874.466	0.430	-8.496
2954.106	107.787 81.933	-3.584	-729.863	0.430	-8.740
2966.313	107.787 81.933	-3.657	-730.510	0.425	-8.594
2978.520	107.787 81.933	-3.726	-697.793	0.425	-4.346
2995.610	107.787 81.933	-3.784	-697.793	0.425	-7.080
3002.934	107.787 81.933	-3.828	-691.896	0.425	-3.320
3010.258	107.787 81.933	-3.872	-547.293	0.425	-4.736
3015.141	107.787 81.933	-3.901	-561.027	0.425	-6.982
3017.582	107.787 81.933	-3.926	-560.380	0.425	-8.252
3017.582	107.787 82.277	-3.940	-568.218	0.425	-9.717
3017.582	107.787 81.933	-3.950	-561.674	0.425	-5.420
3015.141	107.787 81.933	-3.955	-554.484	0.425	-1.660

3012.700	107.787 81.933	-3.955	-554.484	0.425	-3.711
3007.817	107.787 81.933	-3.955	-554.484	0.430	-3.955
3005.375	107.787 81.933	-3.955	-547.940	0.513	16.357
3000.493	107.787 81.933	-3.950	-142.246	0.757	11.572
2988.286	107.787 81.933	-3.950	-63.078 0.928	22.119	
2963.872	107.787 82.277	-3.945	-50.638 1.094	24.072	
2937.016	107.787 81.933	-3.936	-50.638 1.313	21.533	
2915.043	107.787 82.277	-3.911	-17.273 1.499	23.047	
2900.395	107.787 82.277	-3.872	-17.920 1.616	33.984	
2893.071	107.787 82.277	-3.818	-3.539 1.733	41.016	
2890.629	107.787 81.933	-3.750	-9.436 1.846	47.607	
2893.071	107.787 82.277	-3.672	5.592 1.963	54.346	
2900.395	107.787 82.277	-3.589	41.544 2.075	57.666	
2910.161	107.787 81.933	-3.496	73.542 2.183	60.156	
2919.926	107.787 81.933	-3.398	161.768 2.280	62.402	
2932.133	107.787 82.277	-3.306	320.606 2.373	64.111	
2941.899	107.787 82.277	-3.218	536.967 2.456	66.602	
2951.665	107.787 81.933	-3.130	795.824 2.539	66.895	
2956.547	107.787 81.933	-3.047	1047.491	2.617	68.652
2961.430	107.787 82.277	-2.974	1299.158	2.695	68.701
2963.872	107.787 82.277	-2.900	1507.682	2.778	69.531
2963.872	107.787 81.933	-2.832	1673.063	2.852	68.652
2963.872	107.787 81.933	-2.769	1788.111	2.930	67.627
2963.872	107.787 81.933	-2.700	1860.662	3.003	67.383
2961.430	107.787 81.933	-2.632	1896.615	3.071	68.799
2958.989	107.787 82.277	-2.568	1910.996	3.140	69.629
2956.547	107.787 81.933	-2.500	1890.071	3.208	70.605
2954.106	107.787 81.933	-2.432	1875.690	3.276	71.436
2954.106	107.787 81.933	-2.363	1854.119	3.340	71.143
2951.665	107.787 81.933	-2.290	1826.004	3.403	72.559
2951.665	107.787 81.933	-2.217	1818.813	3.477	72.510
2951.665	107.787 82.277	-2.148	1797.889	3.540	73.096
2954.106	107.787 81.933	-2.075	1797.889	3.604	72.656
2956.547	107.787 82.277	-2.002	1791.346	3.667	73.584
2956.547	107.787 82.277	-1.934	1798.536	3.735	73.145
2956.547	107.787 81.933	-1.860	1799.183	3.804	73.291
2956.547	107.787 82.277	-1.792	1806.374	3.867	72.852
2956.547	107.787 82.277	-1.724	1807.021	3.931	71.729
2956.547	107.787 81.933	-1.655	1807.668	3.999	71.338
2956.547	107.787 81.933	-1.587	1814.858	4.062	71.582
2956.547	107.787 82.277	-1.519	1808.962	4.126	68.262
2954.106	107.787 82.277	-1.445	1809.609	4.185	68.750
2956.547	107.787 82.277	-1.382	1810.256	4.243	67.285
2954.106	107.787 82.277	-1.313	1797.169	4.302	64.941
2956.547	107.787 82.277	-1.240	1791.272	4.360	64.502
2956.547	107.787 81.933	-1.172	1798.463	4.424	62.207
2956.547	107.787 82.277	-1.099	1792.566	4.478	60.498
2956.547	107.787 82.277	-1.030	1773.583	4.536	58.398
2958.989	107.787 82.277	-0.957	1774.877	4.600	55.713
2958.989	107.787 82.277	-0.884	1769.628	4.639	16.797
2958.989	107.787 82.277	-0.815	1744.101	4.639	10.596
2956.547	107.787 82.277	-0.747	1706.134	4.639	8.838
2956.547	107.787 81.933	-0.674	1668.167	4.644	9.521
2958.989	107.787 82.277	-0.605	1604.674	4.644	9.863

2958.989	107.787 82.277	-0.537	1541.180	4.644	9.619
2958.989	107.787 82.277	-0.469	1469.849	4.644	6.494
2963.872	107.787 82.277	-0.405	1396.577	4.644	4.639
2971.196	107.787 82.277	-0.337	1227.815	4.644	5.322
2985.844	107.787 82.277	-0.273	1165.115	4.644	8.984
3000.493	107.787 82.277	-0.220	939.549 4.644	10.889	
3015.141	107.787 82.277	-0.171	744.112 4.644	10.254	
3024.907	106.408 93.998	-0.112	534.941 4.644	5.322	
3027.348	107.098 81.933	-0.098	320.520 4.639	4.248	
3027.348	107.442 82.622	-0.088	175.417 4.619	2.832	
3020.024	108.132 82.967	-0.083	26.358 4.492	-7.080	
3010.258	108.132 83.312	-0.083	-341.297	4.316	-4.004
2990.727	108.132 83.312	-0.083	-576.141	4.199	-9.668
2963.872	108.132 82.967	-0.093	-686.659	4.102	-22.168
2939.457	108.132 82.967	-0.107	-772.298	3.979	-24.268
2922.368	108.132 82.622	-0.132	-878.861	3.833	-25.342
2912.602	108.132 82.277	-0.171	-959.897	3.696	-25.781
2907.719	107.787 82.277	-0.220	-1066.461	3.564	-26.660
2907.719	108.132 81.933	-0.278	-1159.290	3.486	-32.666
2912.602	107.787 81.933	-0.352	-1224.651	3.418	-38.916
2919.926	107.787 81.933	-0.425	-1261.897	3.354	-44.043
2927.250	107.787 81.933	-0.508	-1297.850	3.286	-48.828
2934.575	107.787 81.933	-0.591	-1332.508	3.223	-51.953
2939.457	107.787 81.933	-0.674	-1340.346	3.154	-55.371
2944.340	107.787 82.277	-0.757	-1340.346	3.086	-58.643
2946.782	107.787 81.933	-0.845	-1326.612	3.018	-60.693
2949.223	107.787 81.933	-0.928	-1326.612	2.944	-61.670
2949.223	107.787 82.277	-1.011	-1358.682	2.871	-61.475
2949.223	107.787 82.277	-1.094	-1318.774	2.798	-60.791
2949.223	107.787 82.277	-1.177	-1331.861	2.720	-60.352
2946.782	107.787 82.277	-1.255	-1331.861	2.642	-58.496
2946.782	107.787 82.277	-1.333	-1318.774	2.559	-56.055
2944.340	107.787 82.277	-1.411	-1331.861	2.480	-53.564
2944.340	107.787 82.277	-1.494	-1325.318	2.397	-51.514
2941.899	107.787 82.277	-1.572	-1351.492	2.310	-48.877
2941.899	107.787 82.277	-1.650	-1344.948	2.227	-46.582
2941.899	108.132 82.277	-1.729	-1338.405	2.134	-42.969
2941.899	107.787 82.277	-1.807	-1338.405	2.041	-40.527
2941.899	107.787 82.277	-1.890	-1319.421	1.958	-39.844
2944.340	107.787 82.277	-1.968	-1339.052	1.860	-39.014
2944.340	107.787 82.277	-2.046	-1339.052	1.768	-38.623
2944.340	107.787 82.277	-2.129	-1358.682	1.675	-37.939
2946.782	107.787 82.277	-2.207	-1351.492	1.582	-37.256
2946.782	107.787 82.277	-2.290	-1345.595	1.494	-36.816
2946.782	107.787 82.277	-2.373	-1358.682	1.401	-36.230
2946.782	107.787 82.277	-2.451	-1345.595	1.309	-35.059
2949.223	108.132 82.277	-2.529	-1365.226	1.216	-33.594
2949.223	107.787 82.277	-2.612	-1344.948	1.128	-32.861
2949.223	107.787 82.277	-2.690	-1351.492	1.040	-30.908
2949.223	107.787 82.277	-2.769	-1351.492	0.952	-30.029
2949.223	107.787 82.277	-2.847	-1358.682	0.869	-27.344
2949.223	107.787 82.277	-2.920	-1371.122	0.781	-24.609
2949.223	107.787 82.277	-3.003	-1384.856	0.698	-24.268
2949.223	107.787 82.277	-3.081	-1351.492	0.615	-22.754

2949.223	107.787 82.277	-3.159	-1364.579	0.527	-21.143
2946.782	107.787 82.277	-3.237	-1371.122	0.449	-18.311
2946.782	107.787 82.277	-3.315	-1371.769	0.430	-8.203
2946.782	107.787 82.277	-3.394	-1286.057	0.425	-9.912
2949.223	107.787 82.277	-3.472	-985.705	0.425	-8.789
2951.665	107.787 82.277	-3.550	-769.124	0.425	-8.984
2961.430	107.787 82.277	-3.623	-730.510	0.430	-9.277
2973.637	107.787 82.277	-3.696	-717.423	0.425	-8.984
2988.286	107.787 82.277	-3.755	-710.880	0.425	-8.008
3000.493	108.132 82.277	-3.813	-691.249	0.425	-9.912
3007.817	107.787 82.277	-3.857	-593.098	0.425	-3.418
3012.700	107.787 82.277	-3.887	-566.924	0.420	-2.930
3017.582	107.787 82.277	-3.916	-567.571	0.425	-4.199
3020.024	107.787 82.277	-3.936	-561.027	0.425	-8.252
3020.024	107.787 82.277	-3.950	-561.027	0.425	-7.373
3020.024	108.132 82.277	-3.955	-561.027	0.420	-5.273
3015.141	108.132 82.277	-3.960	-554.484	0.420	-2.637
3012.700	107.787 82.277	-3.955	-561.027	0.425	-3.662
3007.817	107.787 82.277	-3.955	-554.484	0.425	-5.957
3005.375	107.787 82.277	-3.950	-541.397	0.430	-7.129
3002.934	108.132 82.277	-3.950	-534.206	0.425	-6.201
3000.493	107.787 82.277	-3.950	-527.663	0.430	-2.441
2998.051	107.787 82.277	-3.945	-521.120	0.527	18.457
2995.610	107.787 82.277	-3.945	-127.865	0.771	9.668
2980.961	108.132 82.277	-3.945	-29.713	0.942	25.049
2958.989	107.787 82.277	-3.945	-3.539	1.143	22.900
2934.575	107.787 82.277	-3.931	3.004	1.372	22.949
2915.043	107.787 82.277	-3.911	-3.539	1.504	33.301
2900.395	107.787 82.277	-3.872	-10.083	1.621	40.332
2893.071	107.787 82.277	-3.818	-2.245	1.738	49.023
2893.071	107.787 82.277	-3.750	12.136	1.851	55.957
2897.954	107.787 82.277	-3.672	35.001	1.963	61.377
2905.278	107.787 82.277	-3.584	73.542	2.075	65.088
2917.485	107.787 82.277	-3.496	168.959	2.173	68.506
2929.692	107.787 81.933	-3.403	328.443	2.266	70.654
2941.899	107.787 82.277	-3.311	557.892	2.354	72.266
2951.665	108.132 82.277	-3.223	810.205	2.437	74.463
2956.547	107.787 82.277	-3.145	1075.606	2.520	75.146
2961.430	108.132 81.933	-3.066	1312.892	2.598	74.854
2966.313	107.787 82.277	-2.988	1514.872	2.676	75.244
2966.313	107.787 82.277	-2.920	1686.797	2.754	74.219
2966.313	107.787 82.277	-2.852	1795.301	2.837	74.561
2963.872	107.787 82.277	-2.788	1867.206	2.910	72.510
2961.430	107.787 82.277	-2.720	1896.615	2.979	71.338
2958.989	107.787 82.277	-2.656	1910.349	3.052	71.631
2958.989	107.787 82.277	-2.588	1896.615	3.120	73.242
2956.547	107.787 82.277	-2.520	1868.500	3.193	73.193
2956.547	107.787 82.277	-2.451	1854.119	3.257	73.389
2956.547	107.787 82.277	-2.383	1826.004	3.325	72.754
2954.106	107.787 82.277	-2.310	1811.623	3.389	73.486
2956.547	107.787 82.277	-2.236	1797.889	3.457	74.268
2956.547	107.787 82.277	-2.168	1790.699	3.521	73.975
2956.547	107.787 82.277	-2.095	1784.155	3.584	74.316
2956.547	107.787 82.277	-2.021	1791.346	3.647	74.170

2958.989	107.787 82.277	-1.953	1798.536	3.716	74.023
2958.989	107.787 82.277	-1.880	1799.183	3.784	74.414
2958.989	107.787 82.277	-1.812	1807.021	3.848	73.877
2958.989	107.787 82.277	-1.743	1807.668	3.916	73.438
2958.989	107.787 82.277	-1.675	1814.858	3.979	72.119
2958.989	107.787 82.277	-1.606	1808.315	4.043	72.119
2958.989	107.787 82.277	-1.538	1808.962	4.106	69.287
2956.547	107.787 82.277	-1.465	1803.065	4.170	67.285
2958.989	107.787 82.277	-1.396	1803.065	4.229	68.066
2958.989	107.787 82.277	-1.328	1797.169	4.287	65.820
2956.547	107.787 82.277	-1.260	1797.816	4.346	63.916
2958.989	107.787 82.277	-1.191	1791.919	4.404	62.695
2956.547	107.787 82.277	-1.118	1786.023	4.463	60.010
2958.989	107.787 82.277	-1.050	1780.127	4.521	59.082
2958.989	107.787 82.277	-0.977	1767.687	4.585	56.543
2958.989	107.787 82.277	-0.903	1748.703	4.639	40.430
2958.989	107.787 82.277	-0.835	1730.367	4.639	8.789
2958.989	107.787 82.277	-0.762	1698.297	4.639	10.547
2958.989	108.132 82.277	-0.693	1667.520	4.644	10.010
2958.989	107.787 82.277	-0.625	1610.570	4.639	9.766
2958.989	107.787 82.277	-0.557	1540.533	4.644	8.984
2958.989	107.787 82.277	-0.488	1503.214	4.644	5.811
2963.872	107.787 82.277	-0.420	1417.502	4.644	8.838
2968.754	107.787 82.277	-0.356	1269.017	4.644	7.617
2980.961	108.132 82.277	-0.293	1188.627	4.644	5.713
2995.610	107.787 82.277	-0.234	1010.159	4.644	5.078
3010.258	107.787 82.277	-0.186	802.283 4.644	9.473	
3020.024	107.787 82.277	-0.146	592.465 4.644	10.205	
3024.907	107.787 82.277	-0.112	384.588 4.644	5.762	
3024.907	107.787 82.277	-0.093	204.826 4.644	4.932	
3022.465	107.787 82.277	-0.083	68.207 4.639	3.809	
3020.024	107.787 82.277	-0.078	-25.270 4.644	8.545	
3015.141	107.442 82.277	-0.068	-82.793 3.682	11.426	
3010.258	107.787 81.933	-0.078	-105.012	4.639	10.156
3005.375	107.787 81.588	-0.083	-111.555	4.629	5.127
3002.934	107.787 79.520	-0.093	-97.174 4.531	-1.660	
2998.051	107.787 81.588	-0.098	-246.380	4.355	-7.227
2988.286	107.787 81.588	-0.098	-546.085	4.214	-12.451
2966.313	107.787 81.933	-0.103	-580.096	4.131	-21.045
2944.340	107.787 82.277	-0.112	-657.250	4.004	-24.268
2929.692	108.132 82.277	-0.132	-744.183	3.857	-24.902
2917.485	107.787 82.277	-0.161	-845.497	3.711	-25.879
2912.602	108.132 82.277	-0.205	-993.909	3.579	-26.904
2912.602	107.787 82.277	-0.264	-1055.962	3.501	-34.033
2915.043	107.787 82.277	-0.327	-1182.155	3.433	-39.502
2922.368	108.132 82.277	-0.405	-1260.603	3.369	-45.605
2929.692	107.787 82.277	-0.483	-1297.850	3.306	-50.000
2934.575	107.787 82.277	-0.566	-1359.329	3.237	-53.711
2939.457	107.787 82.277	-0.649	-1361.270	3.174	-56.250
2944.340	107.787 82.277	-0.732	-1374.357	3.105	-59.180
2946.782	107.787 82.277	-0.820	-1341.640	3.037	-60.986
2949.223	107.787 82.277	-0.903	-1327.259	2.964	-62.842
2951.665	107.787 82.277	-0.986	-1346.242	2.891	-62.988
2949.223	107.787 82.277	-1.069	-1332.508	2.817	-61.768

2951.665	107.787 82.277	-1.152	-1344.948	2.739	-59.326
2949.223	107.787 82.277	-1.235	-1318.127	2.661	-58.496
2951.665	107.787 82.277	-1.313	-1351.492	2.583	-56.885
2951.665	107.787 82.277	-1.396	-1338.405	2.500	-54.639
2949.223	107.787 82.277	-1.475	-1351.492	2.417	-51.758
2949.223	107.787 82.277	-1.553	-1338.405	2.334	-50.195
2949.223	107.787 82.277	-1.631	-1358.035	2.246	-47.510
2949.223	107.787 82.277	-1.709	-1351.492	2.158	-44.775
2949.223	107.787 82.277	-1.787	-1365.226	2.065	-42.334
2949.223	107.787 82.277	-1.865	-1338.405	1.968	-40.625
2949.223	107.787 82.277	-1.948	-1371.769	1.880	-40.771
2949.223	107.787 82.277	-2.026	-1358.682	1.792	-40.186
2949.223	107.787 82.277	-2.109	-1352.139	1.699	-39.258
2949.223	107.787 82.277	-2.188	-1332.508	1.606	-38.135
2951.665	107.787 82.277	-2.271	-1365.226	1.514	-37.256
2951.665	107.787 82.277	-2.354	-1358.682	1.421	-36.328
2951.665	107.787 82.277	-2.432	-1371.769	1.328	-35.547
2951.665	107.787 82.277	-2.510	-1358.682	1.240	-32.471
2954.106	107.787 82.277	-2.593	-1358.682	1.157	-31.104
2951.665	107.787 82.277	-2.671	-1345.595	1.060	-29.932
2951.665	107.787 82.277	-2.749	-1371.769	0.977	-29.346
2949.223	107.787 82.277	-2.827	-1371.769	0.889	-27.393
2951.665	107.787 82.277	-2.905	-1365.226	0.801	-26.953
2951.665	107.787 82.277	-2.983	-1371.769	0.718	-24.121
2949.223	107.787 82.277	-3.062	-1378.312	0.630	-22.900
2949.223	107.787 82.277	-3.140	-1378.312	0.547	-21.924
2949.223	107.787 82.277	-3.218	-1371.769	0.464	-19.385
2949.223	107.787 82.277	-3.296	-1391.399	0.430	-10.693
2949.223	107.787 82.277	-3.374	-1312.878	0.430	-8.496
2949.223	108.132 82.277	-3.452	-1044.596	0.430	-8.838
2951.665	107.787 82.277	-3.530	-809.032	0.425	-8.789
2958.989	107.787 82.277	-3.608	-737.054	0.425	-9.131
2973.637	107.787 82.277	-3.677	-730.510	0.425	-8.936
2988.286	107.787 82.277	-3.745	-697.793	0.425	-3.564
3002.934	107.787 82.277	-3.799	-684.706	0.425	-5.518
3012.700	107.787 82.277	-3.848	-684.706	0.425	-7.910
3015.141	107.787 82.277	-3.882	-561.027	0.425	-9.180
3020.024	107.787 82.277	-3.911	-567.571	0.425	-4.395
3022.465	107.787 82.277	-3.931	-561.027	0.425	-2.637
3024.907	107.787 82.277	-3.945	-561.027	0.498	0.488
3022.465	107.787 81.243	-3.950	-161.876	0.732	3.076
3007.817	108.132 81.933	-3.955	-89.898 0.889	15.088	
2983.403	108.132 81.933	-3.955	-63.725 1.035	24.268	
2956.547	108.132 81.933	-3.945	-57.828 1.235	21.045	
2932.133	108.132 82.277	-3.926	-57.828 1.436	20.898	
2915.043	108.132 82.277	-3.887	-57.828 1.592	25.049	
2902.836	107.787 82.277	-3.833	-57.828 1.709	35.693	
2900.395	107.787 82.277	-3.770	-24.464 1.826	40.918	
2900.395	108.132 82.277	-3.687	-3.539 1.943	47.363	
2905.278	108.132 82.277	-3.599	4.298 2.061	52.344	
2915.043	107.787 82.277	-3.511	19.973 2.173	51.953	
2922.368	107.787 82.277	-3.413	44.133 2.285	53.320	
2932.133	107.787 82.277	-3.315	117.978 2.383	54.248	
2941.899	107.787 82.277	-3.223	248.701 2.471	57.031	

2951.665	107.787 82.277	-3.130	457.225 2.559	58.740	
2958.989	107.787 82.277	-3.042	708.892 2.637	60.352	
2963.872	107.787 82.277	-2.964	961.205 2.715	62.598	
2966.313	107.787 82.277	-2.886	1220.063	2.798	61.719
2966.313	107.787 82.277	-2.817	1435.777	2.871	62.451
2963.872	107.787 82.277	-2.749	1615.539	2.944	62.354
2963.872	107.787 82.277	-2.681	1752.158	3.018	62.500
2961.430	107.787 82.277	-2.612	1831.900	3.086	64.258
2958.989	107.787 82.277	-2.549	1882.234	3.159	66.162
2958.989	107.787 82.622	-2.480	1903.805	3.223	67.578
2958.989	107.787 82.622	-2.412	1897.262	3.291	67.920
2956.547	107.787 82.277	-2.339	1882.881	3.359	69.336
2956.547	108.132 82.277	-2.271	1861.309	3.428	69.434
2956.547	107.787 82.277	-2.197	1840.385	3.491	70.166
2958.989	107.787 82.277	-2.129	1826.004	3.555	69.873
2958.989	107.787 82.277	-2.056	1812.270	3.618	70.801
2958.989	107.787 82.277	-1.987	1798.536	3.687	70.801
2958.989	108.132 82.277	-1.914	1791.993	3.750	70.752
2958.989	108.132 82.277	-1.841	1799.183	3.818	70.996
2958.989	107.787 82.277	-1.772	1799.830	3.882	71.143
2958.989	108.132 82.277	-1.704	1807.021	3.945	71.582
2958.989	107.787 82.277	-1.636	1801.124	4.014	70.850
2961.430	107.787 82.277	-1.567	1801.771	4.077	69.971
2958.989	107.787 82.277	-1.499	1802.418	4.141	68.896
2961.430	108.132 82.277	-1.431	1816.152	4.199	67.871
2958.989	107.787 82.277	-1.362	1803.712	4.258	66.309
2961.430	108.132 82.622	-1.294	1797.816	4.321	65.771
2958.989	107.787 82.277	-1.221	1791.272	4.375	64.209
2958.989	107.787 82.622	-1.152	1805.653	4.434	61.768
2958.989	108.132 82.277	-1.079	1793.213	4.497	59.229
2958.989	108.132 82.277	-1.011	1773.583	4.556	58.008
2958.989	107.787 82.622	-0.938	1768.334	4.614	54.785
2958.989	107.787 82.277	-0.864	1742.807	4.634	3.223
2958.989	107.787 82.277	-0.796	1724.471	4.634	10.059
2958.989	107.787 82.277	-0.723	1673.417	4.634	10.010
2958.989	108.132 82.622	-0.654	1649.184	4.634	9.033
2958.989	108.132 82.622	-0.586	1571.957	4.634	9.326
2958.989	107.787 82.277	-0.518	1501.920	4.634	5.859
2961.430	108.132 82.277	-0.454	1463.306	4.634	7.861
2966.313	108.132 82.622	-0.386	1376.300	4.639	9.863
2973.637	107.787 82.277	-0.322	1199.700	4.634	7.422
2990.727	108.132 82.277	-0.259	1115.428	4.634	4.590
3002.934	107.787 82.622	-0.205	876.128 4.634	4.883	
3017.582	107.787 82.277	-0.161	706.865 4.639	6.006	
3024.907	108.132 82.622	-0.122	478.064 4.634	8.740	
3027.348	106.063 82.622	-0.103	277.378 4.634	7.666	
3024.907	107.787 79.175	-0.078	139.464 4.634	6.934	
3020.024	107.787 81.243	-0.078	10.683 4.624	3.516	
3015.141	107.787 82.622	-0.078	-54.678 4.541	-0.830	
3007.817	108.132 83.656	-0.083	-169.152	4.355	-5.762
2993.168	108.132 84.346	-0.088	-577.435	4.209	-5.420
2968.754	108.132 84.346	-0.093	-625.827	4.131	-21.826
2946.782	108.132 84.001	-0.103	-729.155	4.014	-24.805
2927.250	108.132 83.656	-0.127	-774.886	3.862	-25.195

2915.043	108.132 83.312	-0.161	-895.183	3.721	-26.025
2907.719	108.132 82.967	-0.205	-1015.480	3.594	-24.316
2907.719	107.787 82.622	-0.264	-1095.869	3.506	-31.250
2910.161	108.132 82.277	-0.327	-1169.068	3.442	-38.379
2917.485	107.787 82.277	-0.400	-1240.326	3.369	-43.848
2922.368	107.787 82.277	-0.483	-1310.290	3.306	-48.242
2932.133	107.787 82.277	-0.566	-1332.508	3.242	-52.344
2939.457	107.787 82.277	-0.645	-1327.259	3.174	-55.469
2944.340	107.787 82.277	-0.732	-1367.167	3.110	-58.398
2949.223	107.787 82.277	-0.815	-1367.167	3.037	-59.961
2949.223	107.787 82.277	-0.903	-1346.889	2.964	-62.109
2951.665	108.132 82.622	-0.986	-1339.699	2.900	-62.744
2951.665	107.787 82.622	-1.064	-1332.508	2.822	-61.865
2951.665	108.132 82.622	-1.147	-1338.405	2.739	-60.986
2951.665	107.787 82.622	-1.230	-1312.231	2.661	-58.594
2951.665	108.132 82.622	-1.309	-1358.035	2.583	-56.787
2949.223	108.132 82.622	-1.392	-1324.671	2.505	-54.590
2949.223	107.787 82.622	-1.470	-1338.405	2.422	-52.539
2949.223	107.787 82.622	-1.548	-1364.579	2.339	-50.732
2949.223	107.787 82.277	-1.626	-1358.035	2.246	-47.949
2949.223	107.787 82.622	-1.704	-1338.405	2.163	-45.020
2949.223	107.787 82.622	-1.782	-1351.492	2.070	-41.357
2949.223	108.132 82.277	-1.865	-1339.052	1.978	-39.893
2949.223	108.132 82.622	-1.943	-1358.682	1.885	-39.355
2949.223	108.132 82.277	-2.021	-1345.595	1.797	-38.867
2949.223	108.132 82.622	-2.104	-1371.769	1.704	-38.379
2949.223	107.787 82.622	-2.183	-1365.226	1.611	-37.402
2949.223	107.787 82.277	-2.266	-1365.226	1.519	-36.963
2949.223	107.787 82.277	-2.349	-1345.595	1.426	-35.889
2949.223	108.132 82.622	-2.427	-1345.595	1.333	-35.303
2949.223	107.787 82.622	-2.510	-1358.682	1.245	-34.473
2949.223	107.787 82.622	-2.588	-1352.139	1.152	-33.496
2949.223	107.787 82.622	-2.666	-1351.492	1.064	-31.787
2951.665	108.132 82.622	-2.749	-1371.769	0.977	-30.420
2949.223	108.132 82.622	-2.822	-1365.226	0.894	-27.588
2949.223	108.132 82.622	-2.900	-1358.035	0.806	-26.611
2951.665	108.132 82.277	-2.979	-1338.405	0.718	-24.902
2949.223	108.132 82.622	-3.057	-1352.139	0.635	-23.242
2949.223	108.132 82.277	-3.135	-1351.492	0.557	-21.094
2949.223	107.787 82.622	-3.213	-1371.769	0.469	-18.555
2949.223	108.132 82.622	-3.291	-1364.579	0.430	-7.666
2951.665	107.787 82.622	-3.369	-1299.144	0.425	-8.252
2951.665	108.132 82.622	-3.447	-1050.493	0.425	-8.838
2954.106	108.132 82.622	-3.530	-822.119	0.425	-8.838
2958.989	108.132 82.622	-3.604	-723.320	0.425	-9.229
2971.196	108.132 82.622	-3.677	-723.967	0.425	-8.252
2988.286	108.132 82.622	-3.740	-710.880	0.420	-2.930
3000.493	107.787 82.622	-3.799	-697.793	0.425	-7.324
3010.258	108.132 82.622	-3.843	-698.440	0.420	-7.764
3017.582	107.787 82.622	-3.882	-554.484	0.420	-6.348
3020.024	108.132 82.622	-3.911	-561.027	0.425	-3.369
3022.465	108.132 82.622	-3.931	-561.027	0.430	-4.688
3022.465	108.132 82.622	-3.945	-561.027	0.420	-7.520
3020.024	108.132 82.622	-3.950	-561.027	0.420	-7.617

3017.582	108.132	82.622	-3.955	-554.484	0.420	-7.422
3012.700	107.787	82.622	-3.955	-554.484	0.425	-2.686
3007.817	107.787	82.622	-3.955	-547.940	0.425	-3.369
3005.375	107.787	82.277	-3.955	-554.484	0.454	-0.049
3000.493	107.787	82.277	-3.950	-292.746	0.684	5.029
2993.168	107.787	82.277	-3.950	-89.251	0.845	13.623
2973.637	108.132	82.277	-3.945	-56.534	1.006	22.900
2949.223	107.787	82.277	-3.936	-43.447	1.211	20.557
2927.250	108.132	82.622	-3.921	-10.730	1.411	23.584
2910.161	108.132	82.622	-3.887	-4.186	1.567	30.127
2900.395	108.132	82.622	-3.843	-3.539	1.689	38.330
2897.954	108.132	82.277	-3.779	-9.436	1.802	45.410
2900.395	108.132	82.622	-3.706	4.945	1.914	50.049
2905.278	108.132	82.622	-3.623	34.354	2.026	54.883
2915.043	108.132	82.622	-3.535	65.704	2.139	57.471
2922.368	108.132	82.622	-3.438	146.740	2.236	59.473
2937.016	107.787	82.622	-3.345	291.844	2.329	62.598
2946.782	107.787	82.277	-3.252	501.015	2.417	64.014
2954.106	107.787	82.622	-3.169	752.682	2.500	65.186
2961.430	108.132	82.622	-3.086	1011.539	2.583	66.162
2966.313	107.787	82.622	-3.008	1263.206	2.661	67.383
2966.313	108.132	82.622	-2.935	1478.920	2.739	67.676
2966.313	107.787	82.622	-2.866	1644.301	2.817	68.262
2966.313	107.787	82.622	-2.798	1773.730	2.896	67.920
2963.872	107.787	82.622	-2.729	1852.825	2.969	66.699
2961.430	107.787	82.622	-2.666	1889.424	3.037	68.213
2958.989	107.787	82.622	-2.603	1903.805	3.105	68.896
2958.989	108.132	82.622	-2.534	1890.071	3.179	70.264
2956.547	108.132	82.622	-2.466	1875.690	3.242	71.143
2956.547	108.132	82.277	-2.393	1854.119	3.311	71.826
2956.547	107.787	82.622	-2.324	1833.194	3.374	72.266
2956.547	107.787	82.622	-2.251	1811.623	3.438	73.193
2956.547	107.787	82.622	-2.183	1797.889	3.506	72.217
2958.989	107.787	82.622	-2.109	1797.889	3.569	72.852
2958.989	108.132	82.622	-2.036	1791.346	3.638	71.973
2956.547	107.787	82.622	-1.968	1798.536	3.706	72.510
2956.547	108.132	82.622	-1.895	1791.993	3.770	72.314
2956.547	108.132	82.622	-1.826	1792.640	3.843	72.510
2956.547	108.132	82.622	-1.753	1793.287	3.901	72.119
2956.547	107.787	82.622	-1.685	1801.124	3.970	71.436
2956.547	107.787	82.622	-1.616	1801.124	4.033	70.947
2956.547	107.787	82.622	-1.548	1808.962	4.097	69.092
2956.547	107.787	82.622	-1.479	1802.418	4.155	69.775
2956.547	107.787	82.622	-1.411	1803.065	4.214	68.164
2956.547	108.132	82.622	-1.343	1803.712	4.277	66.846
2956.547	107.787	82.622	-1.274	1797.816	4.336	66.113
2958.989	107.787	82.622	-1.201	1791.272	4.395	63.037
2958.989	108.132	82.622	-1.133	1786.023	4.453	61.426
2958.989	108.132	82.622	-1.060	1786.670	4.512	60.449
2956.547	107.787	82.622	-0.991	1767.687	4.570	57.568
2956.547	107.787	82.277	-0.918	1755.247	4.629	51.318
2956.547	108.132	82.622	-0.845	1730.367	4.639	11.426
2956.547	107.787	82.622	-0.776	1712.031	4.639	10.938
2956.547	108.132	82.622	-0.708	1666.873	4.639	10.303

2956.547	108.132	82.622	-0.635	1616.467	4.639	10.303
2956.547	107.787	82.622	-0.566	1547.077	4.648	10.938
2958.989	108.132	82.622	-0.498	1509.110	4.644	4.785
2958.989	107.787	82.277	-0.435	1457.410	4.644	10.010
2963.872	107.787	82.622	-0.366	1323.305	4.644	3.174
2976.079	108.132	82.622	-0.303	1197.759	4.644	5.078
2990.727	108.132	82.277	-0.244	1066.389	4.644	7.910
3005.375	107.787	82.622	-0.195	838.882	4.644	12.207
3017.582	108.132	82.622	-0.146	635.607	4.644	10.010
3024.907	107.787	82.277	-0.117	420.540	4.644	5.518
3027.348	108.132	82.277	-0.093	233.588	4.644	4.785
3024.907	108.132	82.622	-0.083	96.322	4.644	7.568
3020.024	108.132	82.622	-0.078	-10.889	4.644	10.791
3012.700	107.787	82.622	-0.078	-69.059	4.644	9.570
3007.817	103.995	82.622	-0.068	-97.821	4.644	5.225
3002.934	105.029	82.277	-0.078	-105.012	4.639	3.223
2998.051	105.719	81.933	-0.088	-97.821	4.624	3.369
2995.610	106.753	82.967	-0.093	-89.337	4.502	-6.885
2990.727	107.442	83.312	-0.103	-349.134	4.312	-5.518
2978.520	107.787	82.967	-0.103	-512.073	4.194	-17.041
2958.989	108.132	82.967	-0.107	-593.183	4.092	-24.756
2939.457	108.477	82.967	-0.117	-678.175	3.936	-23.193
2924.809	108.477	82.967	-0.142	-778.841	3.784	-24.951
2915.043	108.477	82.622	-0.171	-893.889	3.623	-26.611
2910.161	108.477	82.622	-0.220	-1035.758	3.555	-33.105
2910.161	108.132	82.622	-0.278	-1123.984	3.486	-38.867
2915.043	108.132	82.622	-0.342	-1190.640	3.418	-45.605
2922.368	108.132	82.622	-0.420	-1268.441	3.354	-50.000
2929.692	107.787	82.277	-0.503	-1318.774	3.291	-54.248
2937.016	107.787	82.622	-0.581	-1354.080	3.223	-57.568
2941.899	107.787	82.622	-0.669	-1348.183	3.154	-60.254
2946.782	107.787	82.622	-0.752	-1361.270	3.086	-62.256
2949.223	107.787	82.622	-0.840	-1374.357	3.018	-64.941
2949.223	108.132	82.622	-0.923	-1353.433	2.944	-65.186
2949.223	107.787	82.622	-1.006	-1339.699	2.876	-64.990
2949.223	107.787	82.622	-1.089	-1345.595	2.798	-64.258
2949.223	108.132	82.622	-1.167	-1325.318	2.720	-62.793
2949.223	108.132	82.622	-1.250	-1325.318	2.646	-60.596
2946.782	108.132	82.622	-1.333	-1325.318	2.563	-58.740
2946.782	108.132	82.622	-1.411	-1325.318	2.485	-56.982
2946.782	108.132	82.622	-1.489	-1351.492	2.397	-53.613
2946.782	108.132	82.622	-1.567	-1344.948	2.314	-51.562
2946.782	108.132	82.622	-1.646	-1352.139	2.227	-48.047
2944.340	108.132	82.622	-1.729	-1331.861	2.139	-45.410
2946.782	107.787	82.622	-1.802	-1339.052	2.046	-42.236
2946.782	108.132	82.622	-1.885	-1339.052	1.953	-41.504
2946.782	108.132	82.622	-1.963	-1358.682	1.860	-41.406
2949.223	108.132	82.622	-2.041	-1371.769	1.772	-40.576
2949.223	108.132	82.622	-2.124	-1365.226	1.680	-39.990
2949.223	108.132	82.622	-2.202	-1339.052	1.587	-38.623
2949.223	108.132	82.622	-2.285	-1371.769	1.494	-38.379
2949.223	108.132	82.622	-2.368	-1352.139	1.401	-37.402
2949.223	108.132	82.622	-2.446	-1358.682	1.309	-36.133
2949.223	108.132	82.622	-2.529	-1358.682	1.221	-34.668

2949.223	108.132 82.622	-2.607	-1365.226	1.128	-33.350
2949.223	108.132 82.622	-2.686	-1365.226	1.045	-31.787
2949.223	108.132 82.622	-2.764	-1339.052	0.957	-30.371
2949.223	107.787 82.622	-2.842	-1358.682	0.869	-28.516
2949.223	108.132 82.622	-2.920	-1371.122	0.786	-27.246
2949.223	108.132 82.622	-2.998	-1371.769	0.703	-24.072
2949.223	108.132 82.622	-3.076	-1352.139	0.615	-23.291
2949.223	108.132 82.622	-3.154	-1384.856	0.527	-21.875
2949.223	108.132 82.622	-3.232	-1365.226	0.444	-18.359
2949.223	108.132 82.622	-3.311	-1378.312	0.430	-9.473
2949.223	108.132 82.622	-3.389	-1299.791	0.430	-8.936
2951.665	108.132 82.622	-3.467	-991.601	0.430	-8.887
2954.106	108.132 82.622	-3.545	-782.858	0.425	-8.984
2961.430	108.132 82.622	-3.618	-723.967	0.425	-9.180
2976.079	108.132 82.622	-3.691	-717.423	0.430	-8.691
2990.727	108.132 82.622	-3.755	-691.249	0.425	-5.566
3002.934	108.132 82.622	-3.809	-697.793	0.425	-6.689
3010.258	108.132 82.622	-3.853	-586.554	0.425	-4.883
3015.141	108.132 82.622	-3.887	-574.114	0.425	-0.488
3020.024	108.132 82.622	-3.916	-567.571	0.425	-6.396
3022.465	108.132 82.622	-3.936	-561.027	0.425	-8.154
3022.465	108.132 82.622	-3.945	-561.027	0.425	-7.959
3020.024	108.132 82.622	-3.955	-554.484	0.425	-6.543
3015.141	108.132 82.622	-3.955	-561.027	0.425	-2.441
3012.700	108.132 82.622	-3.955	-554.484	0.425	-3.320
3007.817	108.132 82.622	-3.955	-547.940	0.425	-8.447
3002.934	108.132 82.622	-3.955	-540.750	0.425	-8.105
3000.493	108.132 82.622	-3.950	-527.663	0.430	-5.811
2998.051	108.132 82.622	-3.945	-527.663	0.425	-2.490
2998.051	108.477 82.622	-3.945	-534.206	0.425	-1.562
2998.051	108.132 82.277	-3.945	-520.473	0.449	-0.537
2998.051	108.132 82.622	-3.945	-278.365	0.679	5.371
2990.727	108.132 82.622	-3.945	-29.713	0.845	5.518
2973.637	108.132 82.622	-3.945	-2.892	1.001	24.268
2951.665	108.132 82.967	-3.940	-10.083	1.206	20.215
2929.692	108.132 82.967	-3.921	3.004	1.406	21.875
2915.043	108.132 82.967	-3.892	3.651	1.558	24.805
2905.278	108.132 82.967	-3.848	10.842	1.675	38.086
2900.395	108.132 82.622	-3.784	32.413	1.787	45.166
2902.836	108.132 82.622	-3.716	48.088	1.899	51.221
2910.161	108.132 82.622	-3.633	85.981	2.012	56.982
2917.485	108.132 82.622	-3.540	154.578	2.109	60.449
2927.250	108.132 82.622	-3.452	313.415	2.202	64.111
2939.457	108.132 82.622	-3.364	536.967	2.295	66.406
2949.223	108.132 82.622	-3.276	788.634	2.378	67.725
2956.547	108.132 82.622	-3.193	1054.035	2.461	69.727
2961.430	107.787 82.622	-3.110	1291.967	2.544	70.410
2963.872	107.787 82.622	-3.037	1493.301	2.617	70.752
2963.872	108.132 82.622	-2.969	1658.682	2.700	70.508
2963.872	108.132 82.622	-2.896	1780.920	2.783	70.215
2963.872	108.132 82.622	-2.832	1852.825	2.856	69.092
2961.430	108.132 82.622	-2.764	1889.424	2.930	68.652
2961.430	108.132 82.622	-2.700	1903.158	3.003	68.018
2958.989	108.132 82.622	-2.632	1889.424	3.076	68.994

2958.989	108.132 82.622	-2.568	1875.043	3.145	69.873
2956.547	108.132 82.622	-2.500	1846.928	3.213	70.996
2956.547	108.132 82.622	-2.427	1826.004	3.276	71.338
2956.547	108.132 82.622	-2.358	1811.623	3.340	72.070
2956.547	108.132 82.622	-2.285	1804.433	3.413	72.363
2958.989	108.132 82.622	-2.212	1790.699	3.477	72.559
2958.989	108.132 82.622	-2.139	1797.889	3.540	72.998
2958.989	108.132 82.622	-2.070	1791.346	3.604	74.219
2958.989	108.132 82.622	-1.997	1791.993	3.672	73.486
2958.989	108.132 82.622	-1.929	1806.374	3.740	74.072
2958.989	108.132 82.622	-1.855	1807.021	3.804	73.438
2958.989	108.132 82.622	-1.787	1807.021	3.867	74.072
2958.989	108.132 82.622	-1.719	1807.668	3.936	72.217
2958.989	108.132 82.622	-1.650	1808.315	4.004	71.143
2958.989	108.132 82.622	-1.582	1802.418	4.067	70.947
2958.989	108.132 82.622	-1.514	1802.418	4.126	69.287
2956.547	108.132 82.622	-1.445	1803.065	4.185	68.896
2956.547	108.132 82.622	-1.377	1803.712	4.248	66.895
2956.547	108.132 82.622	-1.304	1804.359	4.307	64.502
2956.547	108.132 82.622	-1.235	1791.272	4.365	64.355
2956.547	108.132 82.622	-1.162	1778.832	4.424	62.207
2956.547	108.132 82.622	-1.094	1779.480	4.482	59.717
2956.547	108.132 82.622	-1.025	1773.583	4.546	58.691
2956.547	108.132 82.967	-0.952	1768.334	4.600	55.811
2956.547	108.132 82.967	-0.879	1742.807	4.644	8.887
2956.547	108.132 82.622	-0.811	1724.471	4.639	10.107
2956.547	108.132 82.622	-0.737	1693.694	4.639	8.252
2958.989	108.132 82.967	-0.669	1649.184	4.644	9.766
2958.989	108.132 82.622	-0.601	1592.881	4.639	9.326
2958.989	108.132 82.967	-0.532	1516.301	4.639	8.789
2958.989	108.132 82.622	-0.464	1491.421	4.644	10.205
2963.872	108.132 82.622	-0.396	1430.589	4.644	2.734
2971.196	108.132 82.622	-0.332	1216.022	4.644	4.883
2985.844	108.132 82.622	-0.269	1165.762	4.644	10.889
3000.493	108.132 82.622	-0.215	933.652 4.644	11.523	
3015.141	108.132 82.622	-0.166	757.846 4.644	11.230	
3022.465	108.132 82.622	-0.127	528.397 4.644	3.662	
3027.348	108.132 82.967	-0.103	327.064 4.644	4.785	
3027.348	108.132 82.622	-0.088	168.226 4.644	6.836	
3024.907	107.787 82.622	-0.078	39.445 4.644	10.254	
3020.024	108.132 82.622	-0.073	-46.841 4.644	9.277	
3015.141	108.132 82.622	-0.078	-90.631 4.639	4.102	
3007.817	108.132 82.622	-0.083	-111.555	4.644	4.932
3002.934	108.132 82.967	-0.088	-105.012	4.644	7.764
2998.051	108.132 82.622	-0.093	-89.984 4.644	10.791	
2995.610	108.132 82.622	-0.093	-68.412 4.644	10.156	
2995.610	107.787 81.588	-0.098	-40.297 4.644	3.955	
2993.168	107.787 82.622	-0.098	-32.460 4.634	3.613	
2995.610	108.132 82.622	-0.098	-10.889 4.600	0.195	
2995.610	108.132 82.967	-0.098	-36.415 4.414	-4.980	
2988.286	108.132 82.967	-0.098	-409.392	4.238	-2.002
2971.196	108.132 82.967	-0.098	-522.572	4.160	-23.682
2951.665	108.132 82.967	-0.107	-606.917	4.033	-25.293
2934.575	108.132 82.967	-0.117	-714.127	3.872	-26.270

2922.368	108.132	82.967	-0.146	-816.088	3.726	-27.539
2915.043	108.132	82.967	-0.186	-952.060	3.584	-27.539
2912.602	108.132	82.622	-0.239	-1073.651	3.521	-37.891
2915.043	108.132	82.622	-0.303	-1161.231	3.452	-43.896
2922.368	108.132	82.622	-0.376	-1240.326	3.394	-48.389
2929.692	108.132	82.622	-0.454	-1310.937	3.325	-52.686
2934.575	108.132	82.622	-0.537	-1339.699	3.257	-56.055
2941.899	108.132	82.622	-0.620	-1361.270	3.193	-58.936
2946.782	108.132	82.622	-0.703	-1361.270	3.125	-61.523
2949.223	108.132	82.622	-0.791	-1335.096	3.062	-63.281
2949.223	108.132	82.967	-0.874	-1340.993	2.988	-64.697
2951.665	108.132	82.622	-0.957	-1333.155	2.915	-64.941
2949.223	108.132	82.622	-1.040	-1339.052	2.842	-64.014
2949.223	107.787	82.622	-1.123	-1331.861	2.764	-61.963
2949.223	108.132	82.622	-1.206	-1344.948	2.690	-61.182
2946.782	108.132	82.967	-1.284	-1318.127	2.607	-59.229
2946.782	107.787	82.967	-1.367	-1311.584	2.529	-57.520
2946.782	108.132	82.967	-1.445	-1344.948	2.446	-55.176
2946.782	108.132	82.622	-1.523	-1351.492	2.363	-52.832
2944.340	108.132	82.622	-1.602	-1351.492	2.275	-51.025
2944.340	108.132	82.967	-1.680	-1351.492	2.188	-48.438
2944.340	108.132	82.622	-1.758	-1338.405	2.100	-45.264
2946.782	108.132	82.967	-1.836	-1352.139	2.007	-42.529
2946.782	108.132	82.967	-1.914	-1332.508	1.914	-41.797
2946.782	107.787	82.967	-1.997	-1352.139	1.821	-41.064
2946.782	108.132	82.622	-2.075	-1339.052	1.733	-40.381
2946.782	107.787	82.967	-2.158	-1352.139	1.641	-39.697
2946.782	108.132	82.967	-2.236	-1358.682	1.548	-38.281
2946.782	107.787	82.967	-2.319	-1339.052	1.455	-37.158
2946.782	108.132	82.967	-2.402	-1358.035	1.362	-36.133
2946.782	108.132	82.967	-2.485	-1365.226	1.274	-34.814
2946.782	108.132	82.967	-2.563	-1351.492	1.182	-34.277
2946.782	108.132	82.967	-2.642	-1338.405	1.094	-32.568
2944.340	108.132	82.967	-2.720	-1344.948	1.006	-31.592
2946.782	107.787	82.967	-2.798	-1358.035	0.918	-29.980
2944.340	108.132	82.967	-2.876	-1351.492	0.835	-26.709
2946.782	108.132	82.967	-2.949	-1364.579	0.747	-26.514
2944.340	108.132	82.967	-3.032	-1358.682	0.664	-25.537
2944.340	108.132	82.967	-3.110	-1344.948	0.576	-23.877
2944.340	108.132	82.967	-3.188	-1344.948	0.493	-20.996
2946.782	108.132	82.967	-3.267	-1377.665	0.430	-1.709
2946.782	107.787	82.967	-3.345	-1358.035	0.430	-8.545
2946.782	108.132	82.622	-3.423	-1181.362	0.430	-8.154
2946.782	108.132	82.967	-3.501	-894.097	0.430	-9.033
2951.665	108.132	82.967	-3.579	-756.037	0.425	-7.910
2963.872	108.132	82.622	-3.652	-723.320	0.430	-7.617
2978.520	108.132	82.967	-3.721	-717.423	0.425	-3.857
2993.168	108.132	82.967	-3.779	-697.793	0.425	-9.277
3005.375	108.132	82.967	-3.828	-698.440	0.425	-5.078
3012.700	108.132	82.622	-3.867	-554.484	0.425	-4.150
3015.141	108.132	82.622	-3.901	-567.571	0.425	-2.930
3020.024	107.787	82.967	-3.926	-567.571	0.425	-6.738
3020.024	108.132	82.967	-3.940	-567.571	0.430	-8.838
3020.024	108.132	82.967	-3.950	-554.484	0.425	-6.689

3017.582	108.132	82.622	-3.955	-561.027	0.425	-4.004
3012.700	108.132	82.967	-3.955	-554.484	0.425	-1.953
3007.817	108.132	82.967	-3.955	-561.027	0.425	-2.539
3002.934	108.132	82.967	-3.955	-547.940	0.425	-9.131
3002.934	108.132	82.967	-3.955	-541.397	0.425	-6.543
3000.493	108.132	82.967	-3.950	-534.206	0.425	-5.127
3000.493	107.787	82.967	-3.945	-521.120	0.425	-1.270
3000.493	108.132	82.967	-3.945	-521.120	0.425	-5.762
3000.493	108.132	82.967	-3.945	-507.386	0.425	-9.766
2998.051	107.787	82.622	-3.945	-271.821	0.425	-5.762
2998.051	108.132	82.967	-3.945	-88.604	0.425	-5.762
2998.051	108.132	82.967	-3.950	-68.327	0.420	-2.637
3000.493	108.132	82.967	-3.945	-75.517	0.425	-5.322
3000.493	108.132	82.622	-3.950	-68.974	0.439	-5.762
3000.493	108.132	82.967	-3.950	-68.974	0.581	6.689
2995.610	108.132	82.967	-3.955	-36.257	0.806	18.115
2980.961	108.132	82.967	-3.955	-17.273	0.962	23.535
2958.989	108.132	82.967	-3.950	-3.539	1.182	20.508
2934.575	108.132	82.967	-3.940	-10.730	1.387	21.094
2915.043	107.787	82.967	-3.911	-3.539	1.523	35.205
2900.395	108.132	82.967	-3.872	3.651	1.641	41.455
2893.071	107.787	82.967	-3.813	25.222	1.753	48.633
2893.071	107.787	82.967	-3.740	48.088	1.865	54.785
2897.954	108.132	82.967	-3.662	86.628	1.973	60.742
2907.719	107.787	82.967	-3.574	168.959	2.070	65.234
2919.926	107.787	82.967	-3.486	334.987	2.168	68.994
2932.133	107.787	82.967	-3.398	557.892	2.256	71.875
2944.340	107.787	82.622	-3.311	810.205	2.339	72.266
2954.106	107.787	82.967	-3.228	1069.063	2.427	74.316
2961.430	107.787	82.967	-3.145	1306.348	2.510	74.902
2963.872	107.787	82.967	-3.071	1514.872	2.588	75.293
2966.313	107.787	82.967	-2.998	1673.063	2.666	75.342
2966.313	107.787	82.967	-2.930	1788.111	2.744	74.512
2963.872	107.787	82.967	-2.861	1860.015	2.822	73.828
2961.430	107.787	82.967	-2.798	1895.968	2.900	71.924
2958.989	107.787	82.967	-2.729	1903.158	2.974	70.850
2956.547	108.132	82.967	-2.666	1889.424	3.042	70.947
2954.106	107.787	82.967	-2.598	1875.043	3.110	72.217
2954.106	107.787	82.967	-2.529	1853.472	3.184	72.314
2954.106	108.132	82.967	-2.461	1825.357	3.247	72.998
2951.665	107.787	82.967	-2.393	1804.433	3.315	73.389
2954.106	108.132	82.967	-2.319	1797.242	3.379	73.340
2954.106	107.787	82.967	-2.246	1783.508	3.447	73.633
2954.106	107.787	82.967	-2.173	1790.699	3.511	73.828
2954.106	107.787	82.967	-2.100	1784.155	3.574	75.000
2954.106	107.787	82.967	-2.031	1791.346	3.643	74.121
2954.106	107.787	82.967	-1.963	1791.993	3.706	73.242
2954.106	107.787	82.967	-1.890	1792.640	3.774	73.877
2954.106	107.787	82.967	-1.821	1800.477	3.838	73.389
2954.106	108.132	82.967	-1.748	1807.668	3.906	72.510
2956.547	107.787	82.967	-1.680	1808.315	3.970	71.875
2956.547	108.132	82.967	-1.611	1815.505	4.033	71.436
2956.547	108.132	82.967	-1.543	1816.152	4.097	71.387
2956.547	107.787	82.967	-1.475	1809.609	4.160	69.336

2956.547	107.787	82.967	-1.406	1810.256	4.219	68.408
2956.547	107.787	82.967	-1.338	1803.712	4.277	65.186
2956.547	107.787	82.967	-1.270	1797.816	4.341	64.941
2956.547	108.132	82.967	-1.196	1791.919	4.395	63.672
2956.547	107.787	82.967	-1.128	1779.480	4.453	61.035
2958.989	107.787	82.967	-1.060	1780.127	4.517	59.424
2958.989	107.787	82.967	-0.986	1774.230	4.570	57.373
2958.989	107.787	82.967	-0.913	1748.703	4.629	50.830
2956.547	108.132	82.967	-0.845	1723.824	4.644	9.961
2956.547	108.132	82.967	-0.771	1698.944	4.644	10.791
2956.547	108.132	82.967	-0.703	1661.624	4.644	9.375
2956.547	107.787	82.967	-0.635	1597.484	4.648	10.156
2956.547	107.787	82.967	-0.566	1547.724	4.644	9.668
2956.547	108.132	82.967	-0.498	1516.948	4.644	5.518
2958.989	108.132	82.967	-0.430	1450.866	4.644	3.955
2963.872	108.132	82.967	-0.366	1290.588	4.644	5.664
2973.637	108.132	82.967	-0.298	1197.112	4.644	10.986
2990.727	108.132	82.967	-0.239	1045.465	4.644	9.277
3005.375	108.132	82.967	-0.190	824.501	4.644	3.711
3017.582	108.132	82.967	-0.146	628.417	4.644	5.957
3022.465	108.132	82.967	-0.117	413.350	4.648	4.932
3024.907	107.787	82.967	-0.093	233.588	4.644	9.277
3024.907	107.787	82.967	-0.083	96.322	4.644	12.207
3020.024	108.132	82.967	-0.078	-18.079	4.644	9.326
3015.141	107.787	82.967	-0.078	-75.603	4.644	3.760
3007.817	108.132	82.967	-0.078	-104.365	4.644	4.346
3002.934	107.787	82.967	-0.083	-105.012	4.644	8.838
2998.051	107.787	82.967	-0.088	-90.631	4.644	14.209
2995.610	107.442	79.520	-0.083	-75.603	4.644	6.396
2993.168	107.787	81.933	-0.093	-54.031	4.639	3.906
2993.168	107.787	82.622	-0.098	-33.107	4.609	1.953
2993.168	107.787	82.967	-0.103	-57.340	4.448	-2.930
2988.286	107.787	83.312	-0.103	-449.300	4.287	-13.379
2973.637	107.787	83.312	-0.103	-529.116	4.180	-17.090
2954.106	108.132	83.312	-0.107	-579.449	4.082	-24.707
2937.016	108.132	83.312	-0.117	-672.278	3.960	-26.221
2924.809	108.132	82.967	-0.142	-787.326	3.779	-26.270
2915.043	108.132	82.967	-0.181	-922.651	3.687	-27.832
2910.161	108.132	82.967	-0.229	-1051.433	3.530	-27.539
2912.602	107.787	82.967	-0.288	-1132.469	3.467	-33.008
2917.485	108.132	82.967	-0.361	-1212.211	3.408	-39.111
2924.809	107.787	82.967	-0.439	-1283.469	3.340	-44.141
2929.692	107.787	82.967	-0.522	-1325.965	3.271	-48.242
2934.575	108.132	82.967	-0.605	-1340.993	3.208	-51.807
2939.457	107.787	82.967	-0.688	-1354.727	3.140	-55.176
2944.340	107.787	82.967	-0.776	-1367.814	3.071	-56.982
2946.782	107.787	82.967	-0.859	-1354.080	3.003	-58.838
2949.223	107.787	82.967	-0.942	-1346.889	2.930	-58.984
2949.223	107.787	82.967	-1.025	-1326.612	2.856	-59.473
2951.665	107.787	82.967	-1.108	-1332.508	2.778	-57.617
2949.223	108.132	82.967	-1.191	-1318.774	2.700	-56.982
2949.223	107.787	82.967	-1.270	-1331.861	2.622	-55.469
2946.782	107.787	82.967	-1.353	-1331.214	2.544	-53.857
2946.782	108.132	82.967	-1.431	-1331.861	2.466	-51.611

2944.340	108.132	82.967	-1.509	-1351.492	2.383	-50.049
2946.782	107.787	82.967	-1.587	-1344.948	2.295	-47.461
2944.340	107.787	82.967	-1.665	-1351.492	2.212	-44.824
2944.340	108.132	82.967	-1.743	-1358.682	2.114	-42.676
2944.340	107.787	82.967	-1.826	-1352.139	2.026	-40.186
2946.782	107.787	82.967	-1.904	-1339.052	1.934	-39.502
2944.340	107.787	82.967	-1.982	-1358.682	1.841	-39.209
2946.782	107.787	82.967	-2.061	-1339.052	1.748	-38.770
2946.782	107.787	82.967	-2.144	-1358.682	1.655	-37.891
2946.782	107.787	82.967	-2.222	-1358.682	1.562	-36.621
2946.782	108.132	82.967	-2.305	-1352.139	1.475	-35.645
2946.782	108.132	82.967	-2.388	-1371.769	1.387	-34.717
2946.782	107.787	82.967	-2.471	-1378.312	1.289	-33.594
2946.782	108.132	82.967	-2.549	-1378.312	1.201	-32.129
2946.782	107.787	82.967	-2.627	-1378.312	1.108	-30.811
2946.782	108.132	82.967	-2.705	-1365.226	1.021	-29.102
2946.782	108.132	82.967	-2.783	-1352.139	0.938	-28.076
2946.782	107.787	82.967	-2.861	-1365.226	0.850	-25.537
2946.782	107.787	82.967	-2.939	-1331.861	0.767	-24.561
2946.782	107.787	82.967	-3.018	-1371.769	0.679	-24.463
2946.782	108.132	82.967	-3.096	-1371.769	0.596	-23.291
2946.782	108.132	82.967	-3.174	-1397.943	0.508	-20.801
2946.782	107.787	82.967	-3.252	-1384.856	0.435	-16.455
2946.782	108.132	82.967	-3.330	-1378.312	0.430	-8.398
2946.782	108.132	82.967	-3.408	-1260.530	0.430	-8.740
2946.782	108.132	82.967	-3.486	-946.444	0.430	-8.105
2951.665	107.787	82.967	-3.564	-762.580	0.425	-8.984
2961.430	108.132	82.967	-3.638	-737.054	0.425	-8.301
2976.079	108.132	82.967	-3.706	-717.423	0.425	-5.078
2993.168	108.132	82.967	-3.765	-704.336	0.425	-2.881
3002.934	107.787	82.967	-3.818	-698.440	0.425	-8.936
3010.258	107.787	82.967	-3.862	-547.293	0.425	-4.980
3015.141	108.132	82.967	-3.896	-567.571	0.425	-2.881
3017.582	107.787	82.967	-3.921	-574.114	0.430	-1.367
3020.024	108.132	82.967	-3.940	-574.114	0.425	-7.373
3017.582	108.132	82.967	-3.950	-561.027	0.425	-9.473
3015.141	108.132	82.967	-3.955	-561.027	0.425	-5.762
3012.700	107.787	82.967	-3.955	-554.484	0.420	-4.785
3010.258	108.132	82.967	-3.955	-561.027	0.425	-1.465
3005.375	108.132	82.967	-3.955	-554.484	0.425	-8.008
3002.934	108.132	82.967	-3.955	-547.940	0.425	-8.594
2998.051	108.132	82.967	-3.950	-540.750	0.425	-8.691
2998.051	108.132	82.967	-3.950	-534.206	0.420	-5.469
2995.610	108.132	82.967	-3.945	-527.663	0.425	-1.807
2995.610	108.132	82.967	-3.945	-513.929	0.444	-0.049
2993.168	108.132	82.967	-3.945	-199.843	0.674	5.664
2988.286	108.132	82.967	-3.945	-29.713	0.854	21.729
2968.754	107.787	82.967	-3.945	-10.083	1.021	24.219
2946.782	108.132	82.967	-3.940	-10.083	1.245	24.170
2924.809	107.787	82.967	-3.921	3.651	1.445	24.121
2907.719	107.787	82.967	-3.892	3.651	1.558	33.447
2897.954	107.787	82.967	-3.848	10.842	1.675	43.604
2893.071	108.132	82.967	-3.789	32.413	1.787	51.367
2893.071	108.132	82.967	-3.716	61.822	1.899	58.496

2900.395	108.132	82.967	-3.633	87.275	2.007	63.232
2910.161	108.132	82.967	-3.545	176.149	2.109	66.650
2924.809	108.132	82.967	-3.452	334.987	2.202	69.141
2937.016	108.132	82.967	-3.364	565.082	2.290	70.996
2946.782	108.132	82.967	-3.276	810.205	2.373	72.461
2954.106	108.132	82.967	-3.193	1069.063		2.461 72.949
2961.430	107.787	82.967	-3.115	1306.348		2.539 74.072
2963.872	107.787	82.967	-3.042	1514.872		2.622 72.754
2963.872	108.132	82.967	-2.969	1673.063		2.700 72.998
2963.872	107.787	82.967	-2.900	1788.111		2.778 71.582
2961.430	107.787	82.967	-2.837	1860.015		2.856 71.436
2958.989	108.132	82.967	-2.769	1895.968		2.930 71.533
2956.547	107.787	82.967	-2.700	1896.615		3.003 70.264
2956.547	108.132	82.967	-2.637	1895.968		3.071 71.045
2954.106	108.132	82.967	-2.568	1867.853		3.140 71.631
2954.106	108.132	82.967	-2.500	1839.738		3.213 72.754
2954.106	108.132	82.967	-2.432	1825.357		3.276 73.877
2956.547	107.787	82.967	-2.358	1804.433		3.345 74.414
2956.547	108.132	82.967	-2.290	1797.242		3.408 75.439
2956.547	108.132	82.967	-2.217	1790.052		3.472 74.951
2956.547	107.787	82.967	-2.144	1790.699		3.540 74.463
2956.547	108.132	82.967	-2.070	1790.699		3.604 74.463
2956.547	108.132	82.967	-2.002	1791.346		3.672 73.633
2956.547	107.787	82.967	-1.929	1792.640		3.735 73.682
2956.547	107.787	82.967	-1.860	1806.374		3.804 72.949
2956.547	108.132	82.967	-1.792	1807.021		3.872 72.754
2956.547	107.787	82.967	-1.719	1807.668		3.936 71.826
2956.547	108.132	82.967	-1.650	1808.315		3.999 70.264
2956.547	107.787	82.967	-1.587	1808.962		4.062 70.410
2956.547	108.132	82.967	-1.514	1809.609		4.126 69.531
2956.547	107.787	82.967	-1.445	1810.256		4.185 68.750
2954.106	108.132	82.967	-1.377	1810.256		4.243 66.260
2954.106	107.787	82.967	-1.309	1797.816		4.302 66.211
2954.106	107.787	82.967	-1.240	1798.463		4.365 64.014
2954.106	107.787	82.967	-1.167	1791.919		4.424 63.672
2954.106	108.132	82.967	-1.099	1780.127		4.482 61.768
2954.106	108.132	82.967	-1.025	1780.774		4.541 59.961
2954.106	108.132	82.967	-0.957	1761.790		4.595 57.275
2954.106	108.132	82.967	-0.884	1742.807		4.644 19.873
2954.106	108.132	82.967	-0.811	1724.471		4.644 9.668
2954.106	108.132	82.967	-0.742	1679.960		4.644 8.984
2954.106	108.132	82.967	-0.674	1629.554		4.644 10.059
2954.106	107.787	82.967	-0.605	1566.060		4.648 9.277
2954.106	108.132	82.967	-0.537	1535.284		4.644 9.668
2956.547	108.132	82.967	-0.469	1497.317		4.644 10.303
2961.430	108.132	82.967	-0.400	1437.779		4.644 8.447
2968.754	108.132	82.967	-0.337	1223.212		4.644 3.906
2983.403	108.132	82.967	-0.273	1186.686		4.644 5.322
2998.051	107.787	82.967	-0.220	948.033	4.644	8.887
3012.700	107.787	82.967	-0.171	765.036	4.644	10.742
3022.465	108.132	82.967	-0.132	542.778	4.648	8.936
3024.907	107.787	82.967	-0.103	334.901	4.648	3.467
3024.907	108.132	82.967	-0.088	168.873	4.644	5.664
3020.024	107.787	82.967	-0.078	46.635	4.644	6.543

3012.700	108.132 82.967	-0.078	-40.297 4.644	10.107	
3007.817	107.787 82.967	-0.078	-89.984 4.644	7.471	
3002.934	107.787 82.967	-0.083	-111.555	4.644	3.516
2998.051	108.132 82.967	-0.088	-111.555	4.644	5.225
2993.168	108.132 82.967	-0.088	-83.440 4.648	8.447	
2990.727	108.132 82.622	-0.093	-75.603 4.644	10.400	
2990.727	107.787 82.967	-0.098	-46.841 4.629	10.596	
2993.168	107.787 82.967	-0.098	-39.003 4.536	-3.320	
2988.286	108.132 83.312	-0.103	-286.361	4.331	-4.688
2976.079	107.787 83.312	-0.103	-482.664	4.214	-18.311
2958.989	107.787 83.312	-0.103	-590.595	4.121	-23.633
2939.457	107.787 83.312	-0.112	-650.060	3.965	-24.951
2924.809	107.787 83.312	-0.132	-757.917	3.818	-24.854
2917.485	108.132 83.312	-0.166	-873.612	3.682	-24.902
2912.602	107.787 83.312	-0.210	-1008.937	3.555	-27.393
2912.602	107.787 82.967	-0.269	-1097.164	3.491	-37.891
2917.485	108.132 82.967	-0.337	-1197.183	3.423	-42.822
2922.368	107.787 82.967	-0.415	-1261.897	3.359	-47.510
2929.692	107.787 82.967	-0.498	-1312.231	3.291	-51.318
2934.575	107.787 82.967	-0.581	-1359.976	3.228	-55.469
2939.457	108.132 82.967	-0.664	-1374.357	3.159	-58.008
2944.340	107.787 82.967	-0.752	-1380.901	3.091	-60.889
2946.782	108.132 82.967	-0.835	-1347.536	3.022	-62.402
2946.782	108.132 82.967	-0.918	-1359.976	2.949	-64.014
2949.223	108.132 82.967	-1.001	-1339.699	2.881	-63.330
2949.223	108.132 82.967	-1.084	-1339.052	2.803	-63.037
2946.782	108.132 82.967	-1.162	-1338.405	2.725	-60.986
2946.782	107.787 83.312	-1.245	-1305.687	2.646	-59.961
2944.340	108.132 82.967	-1.328	-1331.861	2.568	-58.447
2944.340	107.787 83.312	-1.406	-1325.318	2.490	-56.104
2944.340	108.132 82.967	-1.484	-1337.758	2.407	-53.564
2944.340	108.132 82.967	-1.562	-1325.318	2.319	-50.195
2941.899	107.787 82.967	-1.646	-1351.492	2.231	-47.656
2944.340	107.787 82.967	-1.719	-1332.508	2.144	-44.727
2944.340	107.787 82.967	-1.802	-1345.595	2.051	-42.041
2944.340	108.132 82.967	-1.880	-1345.595	1.958	-40.723
2946.782	107.787 82.967	-1.958	-1345.595	1.865	-40.625
2946.782	107.787 82.967	-2.036	-1339.052	1.777	-39.893
2946.782	107.787 82.967	-2.119	-1345.595	1.689	-39.258
2946.782	107.787 82.967	-2.202	-1371.769	1.592	-38.135
2946.782	107.787 82.967	-2.280	-1371.769	1.504	-37.305
2946.782	108.132 83.312	-2.363	-1339.052	1.411	-37.402
2946.782	107.787 82.967	-2.446	-1371.769	1.318	-35.400
2946.782	108.132 83.312	-2.524	-1352.139	1.226	-34.717
2946.782	107.787 82.967	-2.603	-1365.226	1.138	-33.691
2946.782	108.132 83.312	-2.686	-1352.139	1.050	-31.934
2946.782	108.132 82.967	-2.764	-1352.139	0.962	-30.762
2949.223	108.132 82.967	-2.837	-1358.682	0.879	-27.148
2946.782	107.787 82.967	-2.915	-1384.856	0.791	-26.514
2949.223	107.787 83.312	-2.993	-1358.682	0.703	-25.098
2946.782	108.132 83.312	-3.071	-1384.856	0.620	-23.145
2946.782	108.132 83.312	-3.149	-1358.682	0.537	-21.045
2946.782	107.787 83.312	-3.228	-1371.122	0.449	-17.822
2946.782	108.132 82.967	-3.306	-1365.226	0.430	-8.203

2946.782	107.787	82.967	-3.384	-1332.508	0.430	-9.082
2949.223	107.787	82.967	-3.467	-1005.335	0.425	-9.326
2949.223	107.787	83.312	-3.540	-795.945	0.430	-9.082
2958.989	108.132	82.967	-3.618	-737.054	0.425	-9.326
2973.637	107.787	82.967	-3.687	-710.880	0.425	-9.424
2988.286	108.132	83.312	-3.750	-704.336	0.425	-8.105
3000.493	107.787	83.312	-3.809	-704.983	0.420	-1.709
3007.817	108.132	82.967	-3.853	-606.832	0.420	-7.520
3012.700	108.132	83.312	-3.892	-567.571	0.420	-10.303
3017.582	107.787	83.312	-3.916	-574.114	0.420	-7.617
3020.024	108.132	83.312	-3.936	-554.484	0.425	-4.150
3020.024	108.132	83.312	-3.950	-561.027	0.425	-2.734
3017.582	108.132	83.312	-3.955	-568.218	0.425	-6.982
3012.700	108.132	82.967	-3.960	-554.484	0.420	-9.570
3010.258	108.132	83.312	-3.960	-554.484	0.420	-7.959
3005.375	107.787	83.312	-3.955	-547.940	0.420	-3.955
3002.934	108.132	83.312	-3.955	-547.940	0.425	-1.562
3000.493	108.132	82.967	-3.950	-541.397	0.425	-4.102
2998.051	108.132	82.967	-3.950	-527.663	0.430	-5.566
2995.610	108.132	82.967	-3.950	-527.663	0.513	14.893
2993.168	108.132	82.967	-3.950	-161.229	0.767	10.938
2983.403	108.132	83.312	-3.945	-36.257	0.938	19.727
2958.989	108.132	83.312	-3.945	-10.083	1.123	23.389
2937.016	108.132	83.312	-3.931	-3.539	1.353	20.361
2917.485	108.132	83.312	-3.911	-3.539	1.499	30.859
2902.836	108.132	83.312	-3.877	-3.539	1.611	39.453
2893.071	108.132	83.312	-3.823	4.298	1.729	46.484
2893.071	108.132	83.312	-3.755	12.136	1.841	54.248
2895.512	108.132	82.967	-3.677	41.544	1.953	60.303
2905.278	108.132	83.312	-3.594	80.085	2.061	64.795
2915.043	107.787	83.312	-3.501	161.768	2.163	67.188
2927.250	107.787	83.312	-3.408	327.796	2.251	70.557
2939.457	108.132	83.312	-3.320	544.158	2.344	71.924
2949.223	107.787	83.312	-3.232	802.368	2.432	73.193
2956.547	108.132	83.312	-3.149	1061.225	2.510	74.365
2961.430	107.787	83.312	-3.071	1291.967	2.588	74.561
2963.872	108.132	83.312	-2.998	1507.035	2.666	74.854
2966.313	108.132	83.312	-2.925	1665.872	2.744	74.268
2966.313	108.132	82.967	-2.856	1788.111	2.827	73.340
2963.872	108.132	83.312	-2.793	1860.015	2.900	72.705
2961.430	108.132	83.312	-2.729	1889.424	2.974	70.557
2961.430	107.787	83.312	-2.661	1896.615	3.047	71.094
2958.989	108.132	83.312	-2.593	1889.424	3.120	71.875
2956.547	108.132	83.312	-2.529	1868.500	3.184	72.168
2956.547	108.132	83.312	-2.456	1846.928	3.252	72.656
2956.547	108.132	82.967	-2.388	1818.813	3.315	72.998
2956.547	107.787	83.312	-2.319	1804.433	3.384	74.121
2954.106	108.132	83.312	-2.246	1797.242	3.447	74.463
2954.106	108.132	83.312	-2.173	1783.508	3.516	73.389
2954.106	108.132	83.312	-2.100	1776.965	3.579	73.633
2954.106	108.132	83.312	-2.031	1784.155	3.643	73.682
2956.547	108.132	83.312	-1.958	1791.346	3.711	73.877
2956.547	108.132	83.312	-1.885	1792.640	3.779	74.072
2958.989	108.132	83.312	-1.816	1799.830	3.843	73.389

2958.989	108.132 83.312	-1.748	1807.021	3.911	72.949
2958.989	107.787 83.312	-1.680	1801.124	3.970	71.729
2958.989	108.132 83.312	-1.611	1808.315	4.038	72.021
2958.989	108.132 83.312	-1.543	1802.418	4.102	70.361
2956.547	108.132 83.312	-1.475	1795.875	4.165	68.555
2956.547	108.132 83.312	-1.401	1796.522	4.224	68.164
2958.989	107.787 83.312	-1.333	1797.169	4.282	66.650
2956.547	108.132 83.312	-1.265	1791.272	4.341	64.600
2958.989	108.132 83.312	-1.196	1791.919	4.399	63.232
2958.989	107.787 83.312	-1.123	1778.832	4.458	61.377
2958.989	108.132 83.312	-1.055	1773.583	4.517	59.668
2958.989	108.132 83.312	-0.981	1761.143	4.575	56.885
2956.547	108.132 83.312	-0.908	1755.894	4.634	47.900
2956.547	108.132 83.312	-0.840	1723.824	4.644	10.107
2956.547	108.132 83.312	-0.767	1692.400	4.644	10.693
2956.547	108.132 83.312	-0.698	1655.081	4.644	10.889
2956.547	108.132 83.312	-0.630	1597.484	4.644	10.400
2956.547	108.132 83.312	-0.562	1541.180	4.648	9.863
2958.989	108.132 83.312	-0.493	1510.404	4.644	7.422
2961.430	108.132 83.312	-0.425	1451.513	4.644	3.369
2966.313	108.132 83.312	-0.361	1284.045	4.644	9.326
2978.520	108.132 83.312	-0.298	1223.933	4.644	9.424
2993.168	108.132 83.312	-0.239	1038.921	4.644	10.596
3010.258	107.787 83.312	-0.186	824.501 4.644	8.887	
3022.465	107.787 83.312	-0.146	621.227 4.644	3.369	
3027.348	108.132 83.312	-0.112	399.616 4.644	4.883	
3024.907	108.132 83.312	-0.093	226.397 4.644	7.568	
3022.465	108.132 83.312	-0.083	89.131 4.644	10.547	
3017.582	108.132 83.312	-0.078	-18.079 4.644	6.348	
3012.700	108.132 83.312	-0.078	-82.793 4.644	3.369	
3005.375	108.132 83.312	-0.078	-111.555	4.644	6.201
3002.934	108.132 83.312	-0.083	-111.555	4.648	8.594
3000.493	108.132 83.312	-0.088	-97.821 4.644	11.816	
2998.051	108.132 83.312	-0.093	-82.793 4.648	8.936	
2998.051	108.132 82.622	-0.098	-54.031 4.644	3.271	
3000.493	108.132 82.622	-0.098	-32.460 4.629	2.490	
3000.493	108.132 83.312	-0.103	-18.079 4.531	-2.686	
2998.051	108.132 83.312	-0.098	-220.279	4.341	-5.908
2988.286	108.132 83.656	-0.103	-488.561	4.204	-15.430
2968.754	108.132 83.656	-0.103	-597.138	4.111	-24.170
2946.782	108.132 83.656	-0.112	-642.869	3.955	-26.172
2932.133	107.787 83.312	-0.132	-750.726	3.804	-25.098
2919.926	108.132 83.312	-0.161	-880.155	3.633	-26.611
2912.602	108.132 83.312	-0.210	-1001.746	3.555	-32.129
2910.161	108.132 83.312	-0.264	-1129.881	3.491	-39.893
2912.602	108.132 83.312	-0.337	-1203.080	3.428	-45.410
2919.926	107.787 83.312	-0.410	-1274.984	3.359	-50.635
2924.809	108.132 83.312	-0.493	-1324.671	3.296	-54.883
2932.133	108.132 83.312	-0.576	-1366.520	3.228	-58.203
2937.016	108.132 83.312	-0.659	-1354.727	3.164	-60.791
2941.899	108.132 83.312	-0.742	-1348.183	3.096	-62.988
2944.340	108.132 83.312	-0.830	-1367.814	3.027	-65.186
2946.782	108.132 83.312	-0.913	-1340.346	2.954	-64.941
2944.340	107.787 83.312	-0.996	-1359.329	2.881	-64.502

2944.340	108.132 83.312	-1.079	-1325.965	2.808	-63.135
2944.340	108.132 83.312	-1.162	-1364.579	2.729	-61.768
2944.340	108.132 83.312	-1.245	-1344.301	2.651	-60.449
2944.340	108.132 83.312	-1.323	-1318.127	2.568	-59.180
2944.340	108.132 83.312	-1.401	-1363.931	2.490	-56.934
2944.340	108.132 83.312	-1.479	-1312.231	2.407	-53.760
2946.782	108.132 83.312	-1.558	-1344.948	2.324	-51.660
2946.782	108.132 83.312	-1.636	-1344.948	2.236	-49.219
2946.782	108.132 83.312	-1.719	-1318.774	2.148	-46.436
2946.782	107.787 83.312	-1.797	-1358.682	2.056	-43.701
2946.782	108.132 83.312	-1.875	-1352.139	1.963	-41.602
2946.782	107.787 83.312	-1.953	-1371.769	1.870	-41.846
2946.782	108.132 83.312	-2.031	-1358.682	1.782	-41.064
2946.782	108.132 83.312	-2.114	-1345.595	1.689	-40.234
2946.782	108.132 83.312	-2.197	-1352.139	1.597	-39.453
2946.782	108.132 83.312	-2.275	-1332.508	1.509	-38.184
2946.782	108.132 83.312	-2.358	-1371.769	1.411	-37.109
2946.782	108.132 83.312	-2.437	-1365.226	1.323	-35.742
2946.782	108.132 83.312	-2.520	-1352.139	1.230	-33.887
2946.782	108.132 83.312	-2.603	-1358.682	1.143	-31.836
2949.223	108.132 83.312	-2.676	-1358.682	1.050	-30.664
2949.223	108.132 83.312	-2.759	-1352.139	0.967	-30.078
2949.223	107.787 83.312	-2.837	-1371.769	0.879	-28.857
2949.223	108.132 83.312	-2.910	-1338.405	0.796	-27.051
2949.223	108.132 83.312	-2.993	-1345.595	0.708	-25.635
2949.223	108.132 83.312	-3.066	-1358.682	0.625	-23.779
2949.223	108.132 83.312	-3.145	-1365.226	0.537	-22.949
2946.782	108.132 83.312	-3.223	-1371.122	0.454	-19.971
2944.340	108.132 83.312	-3.301	-1384.856	0.430	-9.033
2944.340	108.132 83.312	-3.384	-1306.334	0.425	-9.473
2946.782	108.132 83.312	-3.457	-1005.335	0.425	-8.496
2949.223	108.132 83.312	-3.535	-788.754	0.425	-8.350
2954.106	108.132 83.312	-3.613	-737.054	0.425	-10.498
2968.754	108.132 83.312	-3.682	-717.423	0.425	-7.373
2983.403	108.132 83.312	-3.750	-704.336	0.425	-3.906
2995.610	108.132 83.312	-3.804	-691.249	0.420	-5.908
3005.375	108.132 83.312	-3.848	-599.641	0.425	-5.273
3010.258	108.132 83.312	-3.887	-561.027	0.430	-1.855
3015.141	107.787 83.312	-3.911	-567.571	0.425	-3.564
3020.024	108.132 83.312	-3.936	-567.571	0.420	-3.564
3020.024	108.132 83.312	-3.945	-567.571	0.420	-5.664
3020.024	108.132 83.312	-3.955	-567.571	0.425	-8.594
3015.141	108.132 83.312	-3.960	-554.484	0.425	-4.492
3010.258	108.132 83.312	-3.955	-561.027	0.425	-3.418
3007.817	107.787 83.312	-3.955	-561.027	0.420	-7.520
3002.934	108.132 83.312	-3.955	-554.484	0.425	-7.422
3000.493	108.132 83.312	-3.950	-540.750	0.425	-8.887
2998.051	108.132 83.312	-3.950	-527.663	0.425	-5.371
2995.610	108.132 81.588	-3.945	-534.206	0.425	-1.172
2995.610	108.132 83.312	-3.945	-513.929	0.513	9.521
2995.610	108.132 83.312	-3.945	-140.952	0.752	12.012
2983.403	108.132 83.312	-3.945	-16.626	0.913	18.115
2961.430	108.132 83.656	-3.945	-3.539	1.084	23.730
2937.016	108.132 83.656	-3.936	-3.539	1.299	22.559

2915.043	108.132 83.656	-3.916	-3.539	1.489	25.000	
2900.395	108.132 83.312	-3.877	3.651	1.606	34.863	
2890.629	108.132 83.312	-3.823	10.842	1.719	42.480	
2888.188	108.132 83.312	-3.760	25.869	1.831	50.439	
2890.629	108.132 83.312	-3.682	55.925	1.943	56.641	
2897.954	108.132 83.312	-3.599	88.569	2.051	61.865	
2910.161	108.132 83.312	-3.506	190.530	2.148	63.721	
2922.368	108.132 83.312	-3.413	370.939	2.241	65.088	
2937.016	108.132 83.312	-3.330	593.844	2.329	67.920	
2946.782	108.132 83.312	-3.242	846.158	2.417	69.043	
2956.547	107.787 83.312	-3.159	1097.825		2.500	69.775
2961.430	108.132 83.312	-3.081	1341.654		2.578	70.215
2963.872	108.132 83.312	-3.008	1529.253		2.656	70.166
2963.872	107.787 83.312	-2.935	1687.444		2.734	70.215
2961.430	108.132 83.312	-2.866	1788.111		2.812	70.068
2961.430	108.132 83.312	-2.803	1852.825		2.891	68.945
2958.989	108.132 83.312	-2.739	1882.234		2.964	67.871
2956.547	108.132 83.312	-2.671	1895.968		3.037	69.678
2954.106	108.132 83.312	-2.603	1875.043		3.105	70.654
2954.106	108.132 83.312	-2.539	1861.309		3.174	71.533
2954.106	108.132 83.312	-2.466	1839.738		3.242	72.461
2954.106	107.787 83.312	-2.397	1818.166		3.306	72.852
2954.106	108.132 83.312	-2.324	1797.242		3.374	73.633
2954.106	108.132 83.312	-2.256	1790.052		3.438	73.828
2954.106	108.132 83.312	-2.183	1783.508		3.506	74.805
2956.547	108.132 83.312	-2.109	1783.508		3.569	74.609
2956.547	108.132 83.312	-2.041	1784.155		3.638	74.219
2956.547	108.132 83.312	-1.968	1791.346		3.701	73.193
2956.547	108.132 83.312	-1.899	1785.449		3.770	72.754
2956.547	108.132 83.312	-1.826	1799.830		3.838	72.998
2956.547	108.132 83.312	-1.758	1800.477		3.901	72.021
2956.547	108.132 83.312	-1.689	1807.668		3.965	71.436
2956.547	108.132 83.312	-1.621	1801.771		4.028	69.141
2956.547	108.132 83.312	-1.553	1808.962		4.092	68.701
2956.547	108.132 83.312	-1.479	1802.418		4.155	68.945
2956.547	108.132 83.312	-1.411	1796.522		4.214	66.846
2956.547	108.132 83.312	-1.348	1796.522		4.272	66.504
2956.547	108.132 83.312	-1.274	1797.169		4.331	65.186
2954.106	108.132 83.312	-1.206	1798.463		4.395	64.062
2956.547	107.787 83.312	-1.133	1778.832		4.453	62.256
2956.547	108.132 83.312	-1.064	1772.936		4.512	61.133
2956.547	108.132 83.312	-0.991	1760.496		4.570	59.033
2956.547	108.132 83.312	-0.918	1734.969		4.624	54.443
2956.547	108.132 83.312	-0.850	1716.633		4.648	8.936
2956.547	108.132 83.312	-0.776	1691.753		4.644	9.570
2956.547	108.132 83.312	-0.708	1654.434		4.644	9.473
2956.547	108.132 83.312	-0.640	1597.484		4.644	10.303
2956.547	108.132 83.656	-0.566	1554.267		4.644	10.254
2956.547	108.132 83.312	-0.503	1503.861		4.644	4.785
2958.989	108.132 83.312	-0.435	1465.247		4.644	11.572
2963.872	108.132 83.312	-0.366	1318.056		4.644	5.957
2973.637	108.132 83.312	-0.303	1218.683		4.644	4.443
2988.286	108.132 83.312	-0.244	1080.770		4.644	5.615
3005.375	108.132 83.312	-0.190	853.910	4.644	9.082	

3017.582	108.132 83.312	-0.151	657.179 4.644	10.791	
3022.465	108.132 83.312	-0.117	442.112 4.644	4.541	
3024.907	108.132 83.312	-0.093	241.425 4.644	4.834	
3022.465	108.132 83.312	-0.083	110.703 4.644	4.834	
3017.582	108.132 83.312	-0.078	-3.698 4.644	9.717	
3012.700	108.132 83.312	-0.078	-75.603 4.644	10.205	
3007.817	108.132 83.312	-0.078	-104.365	4.644	5.957
3002.934	108.132 83.312	-0.083	-118.746	4.644	6.445
2998.051	108.132 83.312	-0.088	-104.365	4.644	6.396
2998.051	108.132 83.312	-0.093	-82.793 4.644	7.861	
2998.051	108.132 83.312	-0.098	-54.678 4.644	11.865	
2995.610	108.132 83.312	-0.098	-39.650 4.644	5.371	
2995.610	108.132 83.312	-0.098	-11.536 4.648	4.053	
2995.610	108.132 82.967	-0.103	-10.889 4.644	6.445	
2995.610	108.132 81.933	-0.098	3.492 4.639	6.201	
2995.610	108.132 83.312	-0.098	3.492 4.609	3.125	
2998.051	108.132 83.312	-0.098	-29.225 4.463	-4.688	
2995.610	108.132 83.312	-0.098	-396.306	4.253	-14.600
2978.520	107.787 83.312	-0.098	-522.572	4.175	-23.730
2956.547	108.132 83.312	-0.103	-606.270	4.048	-23.682
2939.457	108.132 83.312	-0.112	-672.925	3.882	-24.512
2924.809	108.132 83.312	-0.137	-793.869	3.730	-25.830
2915.043	108.132 83.312	-0.171	-942.928	3.604	-25.879
2912.602	108.132 83.312	-0.225	-1051.433	3.535	-37.549
2915.043	107.787 83.312	-0.288	-1139.012	3.472	-43.652
2917.485	108.132 83.312	-0.356	-1231.842	3.403	-49.316
2924.809	108.132 83.312	-0.435	-1295.909	3.340	-53.809
2929.692	108.132 83.312	-0.518	-1325.965	3.276	-57.129
2937.016	108.132 83.312	-0.601	-1340.346	3.208	-60.400
2941.899	107.787 83.312	-0.688	-1335.096	3.140	-62.500
2946.782	108.132 83.312	-0.771	-1367.814	3.076	-64.160
2949.223	108.132 83.312	-0.854	-1340.993	3.003	-65.771
2951.665	108.132 83.312	-0.938	-1346.889	2.935	-65.723
2951.665	108.132 83.312	-1.021	-1339.699	2.861	-66.357
2951.665	108.132 83.312	-1.104	-1339.052	2.783	-64.209
2951.665	108.132 83.312	-1.187	-1318.774	2.705	-62.695
2949.223	108.132 83.312	-1.270	-1351.492	2.627	-60.156
2949.223	108.132 83.312	-1.348	-1364.579	2.549	-58.643
2949.223	108.132 83.312	-1.426	-1318.774	2.466	-56.104
2949.223	108.132 83.312	-1.504	-1331.861	2.383	-53.955
2946.782	108.132 83.312	-1.582	-1325.318	2.300	-50.830
2946.782	108.132 83.312	-1.665	-1345.595	2.207	-48.193
2946.782	108.132 83.312	-1.738	-1325.965	2.119	-45.459
2946.782	107.787 83.312	-1.821	-1325.965	2.026	-42.676
2946.782	108.132 83.312	-1.899	-1345.595	1.934	-41.895
2949.223	108.132 83.312	-1.978	-1332.508	1.846	-41.016
2949.223	108.132 83.312	-2.061	-1358.682	1.753	-40.820
2949.223	107.787 83.312	-2.139	-1352.139	1.660	-40.576
2949.223	108.132 83.312	-2.222	-1339.052	1.567	-39.355
2949.223	108.132 83.312	-2.305	-1371.769	1.475	-38.428
2949.223	108.132 83.312	-2.383	-1332.508	1.387	-37.256
2949.223	108.132 83.656	-2.466	-1351.492	1.289	-35.742
2949.223	108.132 83.312	-2.544	-1358.682	1.201	-33.936
2949.223	108.132 83.312	-2.622	-1352.139	1.108	-32.129

2949.223	108.132 83.312	-2.705	-1384.856	1.025	-31.445
2949.223	108.132 83.312	-2.783	-1358.682	0.938	-29.443
2949.223	108.132 83.656	-2.861	-1378.312	0.850	-27.246
2949.223	108.132 83.312	-2.935	-1365.226	0.767	-25.830
2949.223	108.132 83.312	-3.018	-1378.312	0.684	-23.193
2949.223	108.132 83.312	-3.096	-1371.769	0.596	-23.047
2949.223	108.132 83.312	-3.174	-1365.226	0.513	-21.582
2946.782	108.132 83.656	-3.252	-1358.035	0.430	-16.553
2946.782	108.132 83.312	-3.330	-1391.399	0.425	-8.594
2946.782	108.132 83.312	-3.408	-1247.443	0.435	-8.057
2949.223	108.132 83.312	-3.486	-952.988	0.425	-8.643
2951.665	108.132 83.656	-3.560	-763.227	0.425	-8.496
2961.430	108.132 83.312	-3.633	-730.510	0.425	-9.375
2976.079	108.132 83.656	-3.706	-723.967	0.425	-9.668
2990.727	108.132 83.312	-3.770	-710.880	0.425	-5.762
3002.934	108.132 83.312	-3.818	-697.793	0.425	-5.127
3010.258	108.132 83.312	-3.862	-547.293	0.425	-2.197
3012.700	108.132 83.312	-3.896	-560.380	0.425	-8.105
3017.582	108.132 83.312	-3.916	-561.027	0.425	-9.033
3020.024	108.132 83.312	-3.940	-561.027	0.425	-5.322
3020.024	108.132 83.312	-3.950	-567.571	0.420	-4.541
3017.582	108.132 83.312	-3.955	-561.027	0.420	-1.709
3012.700	108.132 83.312	-3.960	-561.027	0.420	-5.566
3007.817	108.132 83.312	-3.955	-547.940	0.425	-8.350
3005.375	108.132 83.312	-3.955	-561.027	0.425	-6.152
3002.934	108.132 83.312	-3.955	-547.940	0.420	-4.199
3000.493	108.132 83.312	-3.950	-534.206	0.425	-0.732
2998.051	108.132 83.312	-3.950	-534.206	0.425	-4.639
2998.051	108.132 83.312	-3.950	-534.206	0.420	-9.863
3000.493	108.132 83.312	-3.945	-513.929	0.425	-7.275
2998.051	108.132 83.312	-3.945	-448.495	0.425	-6.396
3000.493	108.132 83.656	-3.945	-121.322	0.420	-2.197
3000.493	108.132 83.312	-3.945	-81.414	0.425	-7.178
3000.493	107.787 83.312	-3.945	-68.327	0.425	-9.619
3000.493	108.132 83.312	-3.945	-68.974	0.425	-5.811
3000.493	108.132 83.312	-3.950	-62.431	0.459	0.195
3000.493	108.132 83.312	-3.950	-62.431	0.688	6.104
2993.168	108.132 83.312	-3.955	-23.170	0.840	15.479
2973.637	108.132 83.312	-3.955	-10.730	0.996	25.732
2949.223	108.132 83.312	-3.950	-10.730	1.201	21.582
2927.250	108.132 83.312	-3.936	-10.730	1.401	23.438
2910.161	108.132 83.312	-3.901	-3.539	1.558	30.615
2897.954	108.132 83.312	-3.857	10.842	1.670	38.770
2895.512	108.132 83.312	-3.794	25.869	1.787	45.801
2897.954	108.132 83.656	-3.721	49.382	1.895	51.416
2905.278	108.132 83.312	-3.638	102.950	1.997	56.250
2915.043	108.132 83.656	-3.545	225.836	2.100	61.719
2927.250	108.132 83.656	-3.457	406.892	2.192	63.037
2939.457	108.132 83.312	-3.369	644.177	2.280	66.064
2951.665	108.132 83.312	-3.281	889.301	2.363	67.627
2958.989	107.787 83.312	-3.203	1148.158	2.451	68.506
2963.872	108.132 83.656	-3.120	1371.063	2.529	69.189
2966.313	108.132 83.656	-3.047	1565.206	2.607	69.385
2966.313	108.132 83.656	-2.979	1715.559	2.690	69.385

2966.313	108.132 83.656	-2.910	1802.491	2.769	68.750
2963.872	108.132 83.312	-2.842	1867.206	2.842	68.506
2963.872	108.132 83.312	-2.778	1895.968	2.920	68.213
2961.430	108.132 83.656	-2.710	1889.424	2.993	68.652
2958.989	108.132 83.312	-2.646	1875.043	3.062	68.896
2956.547	107.787 83.656	-2.578	1846.928	3.135	70.264
2956.547	108.132 83.656	-2.510	1832.547	3.198	71.582
2956.547	108.132 83.312	-2.441	1811.623	3.267	73.145
2956.547	108.132 83.312	-2.368	1797.242	3.335	72.705
2956.547	108.132 83.656	-2.295	1796.595	3.398	73.535
2956.547	108.132 83.656	-2.227	1783.508	3.467	72.656
2956.547	108.132 83.656	-2.153	1790.699	3.530	73.535
2958.989	108.132 83.656	-2.080	1784.155	3.599	73.975
2958.989	108.132 83.656	-2.012	1784.802	3.662	72.803
2958.989	108.132 83.656	-1.938	1799.183	3.730	71.875
2958.989	108.132 83.656	-1.865	1799.830	3.794	71.924
2958.989	108.132 83.656	-1.797	1800.477	3.862	71.582
2958.989	108.132 83.656	-1.729	1807.668	3.926	71.729
2958.989	107.787 83.312	-1.660	1808.315	3.989	70.654
2958.989	108.132 83.312	-1.592	1801.771	4.053	68.604
2958.989	108.132 83.656	-1.523	1802.418	4.116	67.871
2961.430	108.132 83.656	-1.455	1803.065	4.180	68.457
2958.989	108.132 83.656	-1.387	1803.712	4.238	66.699
2961.430	108.132 83.312	-1.318	1797.816	4.297	66.553
2961.430	108.132 83.656	-1.245	1791.272	4.355	64.355
2961.430	108.132 83.656	-1.177	1785.376	4.414	62.988
2961.430	108.132 83.656	-1.104	1779.480	4.473	61.523
2958.989	108.132 83.656	-1.035	1767.040	4.531	58.984
2958.989	108.132 83.656	-0.962	1754.600	4.595	57.275
2958.989	108.132 83.656	-0.889	1742.807	4.644	27.588
2958.989	108.132 83.656	-0.820	1710.737	4.644	9.326
2961.430	108.132 83.656	-0.747	1679.960	4.644	9.766
2961.430	108.132 83.656	-0.679	1636.097	4.644	10.693
2961.430	108.132 83.656	-0.610	1566.060	4.644	10.010
2961.430	108.132 83.656	-0.542	1541.828	4.644	9.961
2963.872	108.132 83.656	-0.474	1491.421	4.644	5.859
2966.313	108.132 83.656	-0.405	1438.426	4.644	6.738
2973.637	108.132 83.656	-0.342	1250.680	4.644	10.449
2985.844	108.132 83.312	-0.278	1201.067	4.644	5.225
3002.934	108.132 83.656	-0.225	969.605 4.644	3.223	
3017.582	108.132 83.656	-0.171	786.608 4.644	8.105	
3027.348	108.132 83.656	-0.132	564.350 4.644	11.523	
3029.790	108.132 83.656	-0.107	349.282 4.644	11.084	
3032.231	108.132 83.656	-0.088	183.254 4.644	6.396	
3029.790	108.132 83.656	-0.078	53.826 4.644	3.320	
3024.907	108.132 83.656	-0.073	-46.194 4.644	6.348	
3017.582	106.408 82.277	-0.063	-89.984 4.644	7.080	
3012.700	106.753 83.656	-0.073	-111.555	4.634	9.863
3007.817	106.753 84.346	-0.088	-111.555	4.590	0.635
3002.934	107.098 84.690	-0.093	-110.261	4.404	-1.807
2993.168	107.442 85.035	-0.103	-521.205	4.263	-11.230
2976.079	107.787 85.035	-0.107	-560.466	4.175	-15.137
2954.106	108.132 84.690	-0.112	-655.956	4.092	-18.896
2937.016	108.132 84.346	-0.127	-708.231	4.009	-20.996

2924.809	108.132 84.001	-0.156	-822.631	3.936	-20.850
2917.485	108.132 83.656	-0.190	-924.592	3.867	-21.533
2915.043	108.132 83.656	-0.244	-1052.080	3.794	-19.727
2917.485	108.132 83.312	-0.308	-1146.203	3.726	-16.260
2922.368	108.132 83.312	-0.381	-1238.385	3.657	-13.477
2929.692	108.132 83.312	-0.459	-1289.365	3.604	-12.939
2937.016	108.132 83.312	-0.537	-1318.774	3.545	-12.793
2944.340	108.132 83.312	-0.625	-1333.802	3.486	-9.570
2946.782	108.132 83.656	-0.708	-1361.270	3.428	-6.885
2951.665	108.132 83.312	-0.791	-1347.536	3.369	-4.834
2954.106	108.132 83.656	-0.874	-1380.254	3.320	-3.955
2954.106	108.132 83.656	-0.962	-1293.895	3.276	-4.053
2954.106	108.132 83.656	-1.045	-1064.226	3.252	-4.541
2956.547	108.132 83.656	-1.123	-939.901	3.218	-3.857
2966.313	108.132 83.656	-1.206	-919.623	3.188	-2.832
2973.637	108.132 83.656	-1.279	-926.167	3.154	-0.781
2983.403	108.132 83.656	-1.353	-919.623	3.120	-0.195
2990.727	108.132 83.656	-1.416	-899.993	3.091	1.025
2993.168	108.132 83.656	-1.475	-899.993	3.062	1.025
2995.610	108.132 83.312	-1.528	-841.102	3.042	1.221
2995.610	108.132 83.656	-1.577	-736.407	3.027	0.928
2998.051	108.132 83.656	-1.616	-657.885	3.018	0.977
3002.934	108.132 83.656	-1.655	-572.820	3.013	0.830
3010.258	108.132 83.656	-1.689	-546.646	3.018	0.439
3015.141	108.132 83.656	-1.724	-540.103	3.018	1.025
3017.582	108.132 83.656	-1.748	-553.190	3.013	-0.049
3020.024	108.132 83.656	-1.768	-311.082	3.018	0.781
3020.024	108.132 83.656	-1.782	-193.300	3.013	-0.098
3017.582	108.132 83.656	-1.792	-127.218	3.018	2.002
3015.141	108.132 83.656	-1.802	-107.588	3.013	0.781
3012.700	108.132 83.656	-1.807	-87.310	3.013	-0.195
3010.258	108.132 83.656	-1.812	-80.767	3.013	0.293
3007.817	108.132 83.656	-1.812	-80.767	3.013	0.977
3005.375	108.132 83.656	-1.816	-74.223	3.013	1.660
3002.934	108.132 83.656	-1.816	-74.223	3.013	0.879
3002.934	108.132 83.656	-1.816	-74.223	3.013	0.439
3000.493	108.132 83.656	-1.816	-74.223	3.013	-0.244
3000.493	108.132 83.656	-1.816	-74.223	3.013	-0.244
3000.493	108.132 83.656	-1.821	-73.576	3.013	1.660
3000.493	108.132 83.656	-1.821	-67.033	3.013	0.928
3000.493	107.787 83.656	-1.821	-73.576	3.013	0.049
3000.493	108.132 83.656	-1.821	-67.033	3.013	0.244
3000.493	108.132 83.656	-1.821	-73.576	3.013	1.074
3000.493	108.132 83.656	-1.821	-73.576	3.013	1.074
3000.493	108.132 83.656	-1.821	-73.576	3.013	1.123
3002.934	108.132 83.656	-1.821	-73.576	3.013	0.195
3002.934	108.132 83.656	-1.821	-73.576	3.013	-0.391
3005.375	108.132 83.656	-1.821	-73.576	3.013	1.074
3002.934	108.132 83.656	-1.821	-67.033	3.013	0.830
3002.934	108.132 83.656	-1.821	-67.033	3.013	1.807
3005.375	108.132 83.656	-1.826	-67.033	3.013	-0.928
3002.934	108.132 83.656	-1.821	-67.033	3.013	1.514
3002.934	107.787 83.656	-1.821	-73.576	3.013	0.830
3002.934	107.787 83.656	-1.826	-67.033	3.013	0.342

3002.934	108.132	83.656	-1.821	-73.576	3.013	0.684
3000.493	108.132	83.656	-1.821	-73.576	3.013	0.244
3000.493	107.787	83.656	-1.821	-73.576	3.008	1.318
3000.493	107.787	83.656	-1.821	-73.576	3.008	0.439
2998.051	107.787	83.656	-1.821	-67.033	3.013	2.344
2998.051	108.132	83.656	-1.821	-73.576	3.013	1.270
2998.051	107.787	83.656	-1.826	-73.576	3.013	0.830
3000.493	108.132	83.656	-1.821	-73.576	3.008	0.146
2998.051	108.132	83.656	-1.821	-73.576	3.008	0.977
2998.051	107.787	83.656	-1.821	-73.576	3.013	1.562
3000.493	108.132	83.656	-1.821	-73.576	3.013	0.537
3000.493	108.132	83.656	-1.821	-73.576	3.013	0.049
3000.493	108.132	83.656	-1.821	-73.576	3.008	0.781
3000.493	107.787	83.656	-1.821	-80.120	3.013	0.928
3000.493	107.787	83.656	-1.826	-73.576	3.013	0.928
2998.051	107.787	83.656	-1.821	-73.576	3.013	0.928
2998.051	107.787	83.656	-1.821	-73.576	3.008	0.146
3000.493	108.132	83.656	-1.821	-73.576	3.008	-0.537
3000.493	107.787	83.656	-1.821	-67.033	3.008	-0.830
3002.934	107.787	83.656	-1.821	-73.576	3.008	1.562
3002.934	107.787	83.656	-1.821	-73.576	3.013	-0.195
3000.493	108.132	83.656	-1.821	-73.576	3.008	0.488
3002.934	107.787	83.656	-1.821	-73.576	3.008	0.830
3002.934	107.787	83.656	-1.821	-73.576	3.008	0.586
3002.934	107.787	83.656	-1.821	-67.033	3.008	0.488
3002.934	108.132	83.656	-1.821	-73.576	3.008	0.635
3002.934	107.787	83.656	-1.821	-73.576	3.008	-0.098
3000.493	107.787	83.656	-1.821	-73.576	3.013	0.684
3000.493	108.132	83.656	-1.826	-73.576	3.013	0.049
3000.493	107.787	83.656	-1.821	-73.576	3.008	0.195
3000.493	107.787	83.656	-1.821	-73.576	3.008	0.342
3000.493	107.787	83.656	-1.826	-73.576	3.008	-0.928
3002.934	107.787	83.656	-1.821	-73.576	3.013	0.439
3000.493	107.787	83.656	-1.821	-73.576	3.008	0.049
3002.934	107.787	83.656	-1.821	-73.576	3.008	2.295
3002.934	107.787	83.656	-1.821	-73.576	3.008	1.416
3002.934	107.787	83.656	-1.826	-73.576	3.013	0.146
3002.934	107.787	83.656	-1.821	-73.576	3.008	0.684
3002.934	107.787	83.656	-1.821	-73.576	3.008	0.879
3002.934	107.787	83.656	-1.821	-73.576	3.013	1.123
3000.493	107.787	83.656	-1.826	-73.576	3.008	1.758
2998.051	107.787	83.656	-1.821	-73.576	3.008	0.830
2995.610	107.787	83.656	-1.821	-73.576	3.008	-0.244
2995.610	107.787	83.656	-1.821	-73.576	3.008	0.049
2993.168	107.787	83.656	-1.826	-73.576	3.008	0.391
2993.168	107.787	83.656	-1.826	-73.576	3.013	0.537
2993.168	107.787	83.656	-1.826	-73.576	3.008	0.049
2993.168	107.787	83.656	-1.821	-73.576	3.008	0.732
2995.610	107.787	83.656	-1.821	-73.576	3.008	0.049
2995.610	107.787	83.656	-1.821	-73.576	3.013	1.416
2998.051	107.787	83.656	-1.821	-73.576	3.008	1.123
3000.493	107.787	83.656	-1.821	-73.576	3.008	0.439
3000.493	107.787	83.656	-1.821	-80.120	3.008	-0.586
3002.934	107.787	83.656	-1.821	-72.929	3.008	1.611

3002.934	107.787	83.656	-1.821	-73.576	3.013	1.416
3005.375	107.787	83.656	-1.821	-73.576	3.008	0.830
3005.375	107.787	83.656	-1.821	-59.842	3.008	-0.537
3002.934	107.787	83.656	-1.826	-59.842	3.008	-0.049
3002.934	107.787	83.656	-1.821	-66.386	3.008	0.146
3002.934	107.787	83.656	-1.821	-73.576	3.013	1.172
3000.493	107.787	83.656	-1.821	-73.576	3.008	1.318
3000.493	107.787	83.656	-1.821	-66.386	3.013	-0.244
3000.493	107.787	83.656	-1.821	-66.386	3.008	-0.537
3002.934	107.787	83.656	-1.821	-66.386	3.008	-0.146
3000.493	107.787	83.656	-1.826	-73.576	3.008	1.660
3002.934	107.787	83.656	-1.826	-67.033	3.013	-0.146
3002.934	107.787	83.656	-1.826	-66.386	3.008	0.146
3002.934	107.787	83.656	-1.826	-66.386	3.008	0.977
3005.375	107.787	83.656	-1.821	-73.576	3.013	0.195
3002.934	107.787	83.656	-1.826	-73.576	3.013	1.611
3002.934	107.787	83.656	-1.821	-72.929	3.013	0.586
3002.934	107.787	83.656	-1.821	-66.386	3.008	0.684
3000.493	107.787	83.656	-1.826	-66.386	3.008	0.049
3000.493	107.787	83.656	-1.826	-66.386	3.008	-0.732
2998.051	107.787	83.656	-1.826	-66.386	3.008	0.732
2998.051	107.787	83.656	-1.826	-66.386	3.008	1.074
2995.610	107.787	83.656	-1.821	-66.386	3.008	0.244
2995.610	107.787	83.656	-1.826	-73.576	3.013	1.367
2995.610	107.787	83.656	-1.826	-73.576	3.013	0.635
2995.610	107.787	83.656	-1.826	-66.386	3.008	1.123
2995.610	107.787	83.656	-1.821	-66.386	3.013	1.123
2998.051	107.787	83.656	-1.826	-66.386	3.008	0.342
2998.051	107.787	83.656	-1.826	-66.386	3.013	0.537
2998.051	107.787	83.656	-1.826	-80.120	3.008	0.732
2998.051	107.787	83.656	-1.826	-73.576	3.013	0.830
2998.051	107.787	83.656	-1.826	-80.120	3.008	0.977
2998.051	107.787	83.656	-1.821	-66.386	3.008	0.537
2998.051	107.787	83.656	-1.826	-66.386	3.008	-0.342
2998.051	107.787	83.656	-1.826	-72.929	3.008	-0.098
2998.051	107.787	83.656	-1.826	-80.120	3.008	0.684
3000.493	107.787	83.656	-1.826	-66.386	3.008	1.562
3000.493	107.787	83.656	-1.826	-66.386	3.013	0.049
2998.051	107.787	83.656	-1.826	-66.386	3.008	0.537
3000.493	107.787	83.656	-1.826	-66.386	3.008	0.391
3000.493	107.787	83.656	-1.826	-66.386	3.013	1.807
3000.493	107.787	83.656	-1.826	-66.386	3.008	0.732
3002.934	107.442	83.656	-1.821	-66.386	3.008	-0.586
3002.934	107.787	83.656	-1.826	-66.386	3.008	-0.879
3002.934	107.787	83.656	-1.826	-73.576	3.008	0.098
3002.934	107.787	83.656	-1.826	-66.386	3.008	1.562
3002.934	107.787	83.656	-1.826	-66.386	3.013	0.928
3002.934	107.787	83.656	-1.826	-66.386	3.008	-0.488
3002.934	107.787	84.001	-1.826	-66.386	3.008	-0.732
3002.934	107.787	83.656	-1.826	-66.386	3.013	-0.684
3002.934	107.787	83.656	-1.826	-66.386	3.008	0.537
3002.934	107.787	83.656	-1.821	-72.929	3.008	0.781
3002.934	107.787	83.656	-1.826	-72.929	3.008	-0.244
3000.493	107.787	83.656	-1.826	-66.386	3.008	1.025

3000.493	107.787	83.656	-1.821	-66.386	3.008	0.928
3000.493	107.442	83.656	-1.826	-66.386	3.008	2.100
2998.051	107.442	83.656	-1.826	-72.929	3.013	1.318
2998.051	107.787	83.656	-1.821	-73.576	3.008	0.195
2998.051	107.787	83.656	-1.826	-66.386	3.008	0.000
2998.051	107.787	83.656	-1.826	-66.386	3.013	0.098
2998.051	107.787	83.656	-1.826	-66.386	3.008	1.953
2998.051	107.442	83.656	-1.826	-73.576	3.013	1.709
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.391
3000.493	107.442	83.656	-1.826	-66.386	3.008	-0.537
3000.493	107.442	83.656	-1.826	-66.386	3.008	-0.537
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.830
3000.493	107.787	83.656	-1.821	-66.386	3.008	1.611
2998.051	107.442	83.656	-1.821	-80.120	3.008	-1.611
2998.051	107.787	83.656	-1.826	-72.929	3.008	0.244
2995.610	107.442	83.656	-1.826	-72.929	3.008	-0.049
2998.051	107.442	83.656	-1.826	-66.386	3.008	2.441
2995.610	107.442	83.656	-1.826	-66.386	3.008	0.586
2998.051	107.442	83.656	-1.821	-72.929	3.008	0.586
3000.493	107.787	83.656	-1.826	-66.386	3.008	0.684
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.635
3002.934	107.442	83.656	-1.826	-72.929	3.008	1.367
3002.934	107.787	83.656	-1.826	-66.386	3.008	1.367
3002.934	107.442	83.656	-1.821	-66.386	3.008	0.439
3002.934	107.787	83.656	-1.826	-66.386	3.008	0.391
3002.934	107.442	83.656	-1.826	-66.386	3.008	-0.781
3000.493	107.442	83.656	-1.826	-72.929	3.013	0.049
3000.493	107.787	83.656	-1.826	-66.386	3.008	-0.098
2998.051	107.442	83.656	-1.826	-66.386	3.008	-1.074
2998.051	107.442	83.656	-1.826	-66.386	3.008	-0.586
2998.051	107.442	83.656	-1.826	-66.386	3.008	0.928
2998.051	107.787	83.656	-1.826	-72.929	3.008	0.879
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.146
3000.493	107.442	83.656	-1.826	-66.386	3.008	-0.342
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.439
3000.493	107.442	83.656	-1.826	-72.929	3.008	1.221
2998.051	107.442	83.656	-1.826	-72.929	3.008	0.928
2998.051	107.787	83.656	-1.821	-72.929	3.008	2.539
2998.051	107.442	83.656	-1.826	-80.120	3.013	0.977
2998.051	107.442	83.656	-1.826	-66.386	3.008	0.146
2995.610	107.787	83.656	-1.826	-66.386	3.013	0.000
2998.051	107.442	83.656	-1.826	-66.386	3.013	0.049
2995.610	107.442	83.656	-1.826	-66.386	3.008	0.342
2995.610	107.442	83.656	-1.821	-66.386	3.008	-0.586
2998.051	107.442	83.656	-1.826	-66.386	3.008	0.244
2998.051	107.442	84.001	-1.826	-72.929	3.008	0.391
2998.051	107.442	83.656	-1.826	-66.386	3.008	1.318
2998.051	107.442	83.656	-1.826	-66.386	3.008	0.244
2998.051	107.442	83.656	-1.826	-66.386	3.008	-0.781
2998.051	107.442	83.656	-1.826	-72.929	3.008	0.537
2998.051	107.442	83.656	-1.826	-66.386	3.008	0.342
3000.493	107.442	83.656	-1.826	-66.386	3.008	1.611
3000.493	107.442	83.656	-1.826	-72.929	3.013	0.781
3000.493	107.442	83.656	-1.821	-72.929	3.008	0.391

3002.934	107.442	83.656	-1.826	-72.929	3.008	0.293
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.098
3002.934	107.442	83.656	-1.826	-66.386	3.013	1.562
3002.934	107.442	83.656	-1.826	-72.929	3.008	1.025
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.977
3002.934	107.787	83.656	-1.826	-66.386	3.008	0.586
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.781
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.830
3002.934	107.442	83.656	-1.821	-66.386	3.008	0.049
3002.934	107.442	83.656	-1.826	-72.929	3.008	-0.098
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.049
3002.934	107.442	84.001	-1.826	-72.929	3.008	-0.342
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.391
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.928
3000.493	107.442	84.001	-1.826	-72.929	3.008	0.928
3000.493	107.442	84.001	-1.826	-66.386	3.008	0.830
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.391
3000.493	107.442	83.656	-1.821	-66.386	3.008	1.367
3000.493	107.442	83.656	-1.821	-72.929	3.008	1.904
3000.493	107.442	83.656	-1.821	-80.120	3.008	-0.537
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.098
3000.493	107.442	83.656	-1.826	-72.929	3.008	1.318
3000.493	107.442	83.656	-1.821	-72.929	3.013	0.098
3000.493	107.442	83.656	-1.826	-72.929	3.008	1.562
3000.493	107.442	83.656	-1.821	-72.929	3.008	0.684
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.586
3000.493	107.442	83.656	-1.826	-66.386	3.008	1.318
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.391
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.635
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.195
3000.493	107.442	83.656	-1.821	-72.929	3.008	-0.635
3000.493	107.442	83.656	-1.826	-66.386	3.008	-0.391
3000.493	107.442	83.656	-1.826	-66.386	3.013	1.855
3000.493	107.442	83.656	-1.826	-66.386	3.008	0.439
3000.493	107.442	83.656	-1.826	-72.929	3.008	-0.537
3000.493	107.442	84.001	-1.826	-66.386	3.013	-0.293
3000.493	107.442	83.656	-1.826	-72.929	3.008	-0.342
3002.934	107.442	83.656	-1.826	-66.386	3.013	2.051
3002.934	107.442	83.656	-1.826	-72.929	3.008	1.611
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.781
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.293
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.439
3002.934	107.442	83.656	-1.826	-66.386	3.008	0.781
3002.934	107.442	83.656	-1.826	-72.929	3.008	0.488
3002.934	107.442	84.001	-1.826	-66.386	3.008	1.318
3002.934	107.442	83.656	-1.826	-66.386	3.008	-0.342
3002.934	107.442	83.656	-1.826	-66.386	3.008	-0.098
3002.934	107.442	84.001	-1.826	-66.386	3.008	1.758
3000.493	107.442	83.656	-1.826	-72.929	3.008	0.439
3000.493	107.442	83.656	-1.826	-66.386	3.008	-0.342
3002.934	107.442	84.001	-1.826	-72.929	3.008	0.684
3002.934	107.442	84.001	-1.826	-66.386	3.008	1.025
3002.934	107.442	83.656	-1.826	-66.386	3.008	1.270
3002.934	107.442	84.001	-1.826	-66.386	3.008	1.123

3002.934	107.442	83.656	-1.826	-66.386	3.008	0.439
3002.934	107.442	84.001	-1.826	-66.386	3.008	0.293
3000.493	107.442	83.656	-1.826	-66.386	3.008	1.514
3000.493	107.442	84.001	-1.821	-66.386	3.008	2.100
3000.493	107.098	83.656	-1.826	-72.929	3.013	1.855
3000.493	107.442	83.656	-1.826	-72.929	3.008	1.025
2998.051	107.442	83.656	-1.826	-72.929	3.008	0.732
2998.051	107.442	83.656	-1.826	-72.929	3.008	1.318
2995.610	107.442	84.001	-1.826	-72.929	3.008	1.514
2995.610	107.442	84.001	-1.826	-66.386	3.013	0.830
2995.610	107.098	84.001	-1.826	-72.929	3.008	-0.586
2993.168	107.442	84.001	-1.826	-66.386	3.008	0.244
2995.610	107.442	84.001	-1.826	-72.929	3.008	0.342
2995.610	107.442	83.656	-1.826	-72.929	3.008	-0.244
2998.051	107.098	83.656	-1.826	-66.386	3.008	1.025
2998.051	107.442	84.001	-1.826	-66.386	3.008	0.146
2998.051	107.098	84.001	-1.826	-72.929	3.008	0.439
2998.051	107.442	83.656	-1.826	-66.386	3.008	1.318
2998.051	107.442	83.656	-1.826	-66.386	3.008	1.172
2995.610	107.442	83.656	-1.826	-66.386	3.008	1.318
2995.610	107.098	84.001	-1.826	-72.929	3.008	-0.098
2995.610	107.442	83.656	-1.826	-72.929	3.008	0.049
2995.610	107.442	83.656	-1.826	-66.386	3.008	-0.244
2993.168	107.442	84.001	-1.826	-66.386	3.008	0.977
2993.168	107.442	83.656	-1.826	-72.929	3.008	0.977
2993.168	107.442	83.656	-1.826	-66.386	3.008	1.074
2995.610	107.098	84.001	-1.826	-66.386	3.008	0.488