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~VERSION INFORMATION

VERS.	2	:CWLS	LOG	ASCII	STANDARD -	VERSION	2
WRAP.	NO	:ONE	LINE	PER	DEPTH STEP		

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~WELL INFORMATION

STRT.FT	13.7265	:FIRST	INDEX	VALUE
STOP.FT	808.9625	:LAST	INDEX	VALUE
STEP.FT	0	:STEP		
NULL.	-99999	:NULL	VALUE	
COMP.	:COMPANY			
WELL.	:WELL			
FLD.	:FIELD			
LOC.	:LOCATION			
SRVC.	:			
CTRY.	:COUNTRY			
STAT.	:STATE			
CNTY.	:COUNTY			
DATE.	:DATE			
API.	:			

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~CURVE INFORMATION

DEPT.FT	:DEPTH
TIME#1.SEI	:Time#1
TCPU#1.'C	:TCPU#1
EHT.VOLTS	:EHT
COUNT#1.	:COUNT#1
GR.CPS	:GR
TIME.SEC	:Time
TCPU.'C	:TCPU
COUNT.	:COUNT
MEDIUM_I	:Medium Induction
DEEP_INDU	:Deep Induction
MEDIUM_F	:Medium Res
DEEP_RES.	:Deep Res

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~OTHER

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~A	DEPT[FT]	TIME#1	TCPU#1	EHT	COUNT#1	GR	TIME	TCPU
	13.7265	-99999	16.00523	-99999	-99999	-99999	-99999	-99999
	13.8905	1.726504	16.00523	-925.87	93.19711	55.03808	-99999	-99999
	14.0545	1.763457	16.00523	-927.829	102.8009	58.17962	-99999	-99999
	14.2185	1.882375	16.22231	-923.921	106.1921	57.05696	-99999	-99999
	14.3825	1.945032	16.22246	-921.952	123.1788	64.55585	-99999	-99999
	14.5465	1.924519	16.22246	-927.818	127.8286	65.2091	-99999	-99999
	14.7105	1.646882	16.22246	-927.842	95.66617	54.47985	-99999	-99999
	14.8745	1.210585	16.00558	-927.815	64.81256	53.41192	-99999	-99999

15.0385	1.444322	16.00523	-927.845	77.91521	57.12157	-99999	-99999
15.2025	1.335485	16.00523	-923.914	84.71264	61.34496	-99999	-99999
15.3665	0.82	-99999	-923.914	54	65.85366	-99999	-99999
15.5305	-99999	16.22246	-99999	-99999	-99999	-99999	-99999
15.6945	0.684656	16.00586	-923.89	38.17722	57.22424	-99999	-99999
15.8585	0.65602	16.22176	-925.885	44.58735	68.59023	-99999	-99999
16.0225	0.651015	16.006	-925.857	46.20695	70.66621	-99999	-99999
16.1865	0.648504	16.00523	-927.829	43.81141	67.09428	-99999	-99999
16.3505	0.651471	16.00523	-927.829	43.58402	67.49928	-99999	-99999
16.5145	0.657478	16.22154	-929.769	43.62481	65.45938	-99999	-99999
16.6785	0.660991	16.22246	-927.865	40.39556	61.26362	-99999	-99999
16.8425	0.661505	16.22246	-923.914	44.16188	67.97111	-99999	-99999
17.0065	0.658527	16.22246	-925.851	42.68126	62.34359	-99999	-99999
17.1705	0.657978	16.22246	-927.829	33.78944	51.65269	-99999	-99999
17.3345	0.661483	16.00642	-927.829	37.36758	57.38573	-99999	-99999
17.4985	0.663988	16.00523	-927.829	40.60573	61.00529	-99999	-99999
17.6625	0.664506	16.00523	-929.762	43.15166	66.14383	-99999	-99999
17.8265	0.663013	16.00523	-931.744	49.1809	74.63296	-99999	-99999
17.9905	0.661014	16.00523	-929.813	44.70482	65.19648	-99999	-99999
18.1545	0.663452	16.00523	-927.829	42.86638	67.54164	-99999	-99999
18.3185	0.667493	16.22092	-927.829	53.82101	80.18485	-99999	-99999
18.4825	0.668492	16.22246	-925.901	52.78534	79.25923	-99999	-99999
18.6465	0.668508	16.0069	-925.841	54	80.77696	-99999	-99999
18.8105	0.664556	16.00523	-929.755	50.0783	73.81643	-99999	-99999
18.9745	0.661492	16.00523	-929.818	42.82391	64.28757	-99999	-99999
19.1385	0.662983	16.22064	-922.056	43.74202	67.02335	-99999	-99999
19.3025	0.665474	16.00711	-919.93	53.4795	82.43906	-99999	-99999
19.4665	0.665037	16.00523	-925.836	55.7426	81.38268	-99999	-99999
19.6305	0.660547	16.00523	-927.829	53.03588	83.06369	-99999	-99999
19.7945	0.655547	16.00523	-925.909	60.09246	90.11767	-99999	-99999
19.9585	0.65349	16.22036	-925.833	52.82871	80.38457	-99999	-99999
20.1225	0.65596	16.00739	-927.829	47.87901	71.79305	-99999	15.0473
20.2865	0.658	16.00523	-927.829	43.7796	66.83765	1.722281	14.88001
20.4505	0.658489	16.22022	-925.913	48.11684	74.27965	3.376619	-99999
20.6145	0.657532	16.22246	-925.829	51.05267	76.87577	-99999	15.13633
20.7785	0.654044	16.0076	-927.829	45.66503	68.8907	1.931	15.00837
20.9425	0.652	16.00523	-925.916	44.33302	68.91371	1.920486	14.9191
21.1065	0.652488	16.21995	-923.914	49.16557	75.80796	1.477277	14.79122
21.2705	0.652512	16.22246	-925.825	52.55326	81.15423	1.109462	14.82969
21.4345	0.655904	16.00781	-927.829	56.16459	86.07497	1.691859	14.79135
21.5985	0.660488	16.21981	-927.829	57.22423	86.3384	1.017834	14.70187
21.7625	0.661	16.00795	-927.829	48.24882	69.97442	0.821	14.95716
21.9265	0.662461	16.00523	-925.922	38.32347	58.74398	0.730573	15.13633
22.0905	0.664	16.00523	-927.726	47.80558	74.25125	0.669451	15.00879
22.2545	0.66546	16.00523	-929.838	49.64852	71.79125	0.654352	14.9191
22.4185	0.665541	16.00523	-925.925	39.15979	59.29422	0.648968	14.9191
22.5825	0.662542	16.21946	-925.817	47.1805	73.64883	0.648	15.04647

22.7465	0.658571	16.00829	-929.731	51.5966	76.18577	0.653643	15.009
22.9105	0.658914	16.00523	-929.843	49.55808	77.73003	0.659029	14.9191
23.0745	0.665883	16.00523	-927.829	57.30057	85.03757	0.662417	15.04629
23.2385	0.668545	16.00523	-927.829	52.22936	77.82249	0.660584	15.00921
23.4025	0.664576	16.00523	-927.829	49.07503	73.08025	0.657585	14.9191
23.5665	0.662	16.00523	-925.932	44.84593	67.29089	0.659415	15.04615
23.7305	0.663453	16.00523	-925.81	47.2293	72.82372	0.662414	15.13633
23.8945	0.667905	16.00523	-929.724	53.61565	80.12995	0.664609	15.13633
24.0585	0.671968	16.00523	-929.85	50.31178	73.84075	0.663392	15.00949
24.2225	0.667198	16.21891	-927.829	45.23255	67.48767	0.663	14.79229
24.3865	0.658584	16.22246	-924.046	42.08295	63.12806	0.660589	14.82865
24.5505	0.655034	16.22246	-923.781	43.59844	68.40179	0.665623	14.9191
24.7145	0.652551	16.00892	-929.719	54.44761	84.83057	0.667803	14.9191
24.8785	0.654378	16.00523	-931.744	54.64146	81.42598	0.668803	15.04566
25.0425	0.655589	16.00523	-927.968	47.91224	73.8594	0.668198	15.00979
25.2065	0.654446	16.21856	-923.914	52.5285	80.86742	0.661582	15.04559
25.3705	0.655037	16.00913	-923.914	53.85423	81.75515	0.661604	15.0099
25.5345	0.654482	16.00523	-925.799	54.29074	83.86363	0.663603	14.9191
25.6985	0.655481	16.00523	-927.829	54.56664	81.88185	0.666404	14.9191
25.8625	0.656481	16.00523	-927.829	44.80724	66.58806	0.664597	15.04535
26.0265	0.657961	16.00523	-927.829	44.09353	69.42366	0.659194	15.13633
26.1905	0.658039	16.00523	-927.829	55.14191	84.25603	0.653996	15.01018
26.3545	0.657961	16.00523	-927.829	58.90256	90.27567	0.653	14.79302
26.5185	0.66236	16.00523	-927.829	57.81773	85.67949	0.657801	14.82788
26.6825	0.665041	16.21807	-927.829	55.93847	86.07832	0.6574	14.9191
26.8465	0.664479	16.00968	-929.706	61.34309	91.27033	0.659399	14.9191
27.0105	0.665479	16.00523	-929.868	50.9304	74.14111	0.656802	15.04496
27.1745	0.663126	16.00523	-927.829	47.44698	74.16805	0.652804	15.01053
27.3385	0.660479	16.00523	-925.955	50.80071	74.05534	0.651201	15.04483
27.5025	0.661957	16.21779	-923.914	45.05767	70.46125	0.652597	15.01063
27.6665	0.664434	15.79747	-925.786	55	82.77762	0.653	14.9191
27.8305	0.665522	16.0005	-925.958	53.10955	79.04865	0.658587	14.66792
27.9945	0.665478	16.21766	-923.914	50.37796	75.85136	0.66	14.73569
28.1585	0.665045	16.0101	-922.045	51.37763	77.4057	0.661595	14.9191
28.3225	0.663046	16.21752	-923.735	50.86802	76.26399	0.663594	14.9191
28.4865	0.665814	15.79802	-925.962	54.27804	83.5595	0.664	14.9191
28.6505	0.983622	16.00022	-927.646	77.31887	85.46214	0.665594	14.9191
28.8145	1.010674	16.00523	-931.744	80.65937	73.64462	0.665204	14.9191
28.9785	0.662	-99999	-931.744	47	70.99698	0.661019	14.9191
29.1425	-99999	16.22246	-99999	-99999	-99999	0.656816	14.9191
29.3065	0.654524	16.01052	-927.829	47.74565	72.02889	0.661571	14.9191
29.4705	0.654951	16.21716	-927.829	47.00412	72.97752	0.667774	15.04413
29.6345	0.657426	16.01059	-927.829	50.123	75.49146	0.667409	14.88639
29.7985	0.659	16.00523	-927.829	48.50031	74.20251	0.66382	14.70187
29.9625	0.655204	16.00523	-927.829	49.87569	75.6544	0.662205	14.82674
30.1265	0.652897	16.00523	-925.972	52.86781	82.93144	0.664384	14.79428
30.2905	0.654052	16.21689	-925.77	59.12881	89.63517	0.669766	14.82663

30.4545	0.654422	16.01087	-929.684	51.88486	77.62586	1.197422	-99999
30.6185	0.654106	16.00523	-929.89	56.96155	92.0403	-99999	14.9191
30.7825	0.651527	16.00523	-927.829	66.91568	98.55491	0.656	14.79451
30.9465	0.650527	16.00523	-929.681	47.76099	72.49506	0.654413	14.82642
31.1105	0.651891	16.00523	-929.893	49.96734	79.06294	0.651621	14.9191
31.2745	0.658726	16.00523	-929.679	54.40733	80.41319	0.655757	15.04351
31.4385	0.664945	16.00523	-929.895	48.7252	74.76666	0.654623	15.13633
31.6025	0.667416	16.00523	-929.677	56.86098	85.93532	0.654792	15.13633
31.7665	0.66617	16.00523	-929.897	58.14054	86.51178	0.655	15.01206
31.9305	0.662057	15.79413	-927.829	55.74336	84.50122	0.655	14.9191
32.0945	0.662414	15.99904	-927.829	54.39917	81.08046	0.655	14.9191
32.2585	0.665413	15.79426	-927.829	48.51503	72.31691	0.656582	15.04316
32.4225	0.667471	15.788	-925.986	47.11281	71.03094	0.659373	15.01229
32.5865	0.665178	15.788	-925.756	50.48238	76.5082	0.657628	15.04309
32.7505	0.66106	15.99883	-927.829	51.14799	76.61224	0.658581	15.0124
32.9145	0.66047	16.00523	-927.829	52.07297	80.49798	0.664531	14.9191
33.0785	0.661	16.00523	-925.99	57.52014	86.41602	0.66442	14.79531
33.2425	0.662408	16.00523	-923.914	50.19442	73.83981	0.66479	14.82563
33.4065	0.664	16.00523	-925.751	44.95453	68.90485	0.66579	14.9191
33.5705	0.664	16.00523	-924.157	50.73825	76.71368	0.660476	14.9191
33.7345	0.662125	16.21571	-923.67	49.41692	73.56366	0.660578	14.9191
33.8985	0.660469	15.80164	-925.995	48.31801	74.51185	0.663366	14.9191
34.0625	0.661468	15.788	-925.747	53.63164	80.92946	0.665577	14.9191
34.2265	0.661064	15.99827	-927.829	48.58354	71.66801	0.664424	14.9191
34.3905	0.655323	16.00523	-929.66	46.14984	72.64089	0.666364	14.9191
34.5545	0.649532	16.00523	-929.914	56.83867	88.27818	0.66385	15.0424
34.7185	0.649934	15.7951	-929.658	52.28481	77.24702	0.663	15.0131
34.8825	0.653334	15.99807	-929.916	45.24044	71.79346	0.667722	14.9191
35.0465	0.656933	16.00523	-927.829	57.10028	87.37192	1.187565	14.79595
35.2105	0.656134	16.00523	-927.829	57.16716	86.3558	0.804086	14.70187
35.3745	0.653534	15.79531	-927.829	56.56506	87.62556	0.662	14.82489
35.5385	0.652068	15.99786	-926.005	59.16944	89.97038	0.656498	14.79615
35.7025	0.652862	16.00523	-925.737	50.8787	75.8253	0.655	14.82479
35.8665	0.655931	16.00523	-929.651	43.0965	66.15592	0.655	15.04198
36.0305	0.659325	16.00523	-928.102	47.55689	73.17039	0.658927	15.01352
36.1945	0.662465	15.79559	-925.734	49.80905	74.28712	0.65843	14.9191
36.3585	0.663	15.99758	-926.01	45.63517	68.68082	0.653292	14.9191
36.5225	0.662071	16.00523	-922.096	45.36453	68.6711	0.653569	14.67382
36.6865	0.661	16.00523	-921.816	50.37069	78.01532	0.654	14.72986
36.8505	0.662855	16.00523	-923.914	53.2681	78.4341	0.654784	14.79657
37.0145	0.666855	15.79586	-922.099	42.08895	61.93697	0.653432	14.82434
37.1785	0.667147	15.788	-921.813	40.27218	61.73164	0.65065	14.9191
37.3425	0.665	15.99723	-923.914	46.72646	70.56547	0.65	14.9191
37.5065	0.663612	16.00523	-925.726	49.08878	74.4287	0.653132	14.9191
37.6705	0.663388	16.00523	-926.018	50.27457	75.48746	0.662611	14.9191
37.8345	0.667312	15.79614	-927.535	47.91219	71.35955	0.665783	14.9191
37.9985	0.67	15.99703	-929.935	47.44919	71.41543	0.667564	14.9191

38.1625	0.669077	16.00523	-926.021	48.19023	71.2739	0.664091	14.9191
38.3265	0.665693	15.79635	-925.721	45.7233	68.99166	0.662218	14.79706
38.4905	0.662539	15.99688	-926.023	48.0843	73.02956	0.663563	14.70187
38.6545	0.650011	15.79642	-925.719	51.80663	80.57755	0.666344	14.57997
38.8185	0.634157	15.99675	-926.025	47.05798	70.69012	0.667781	14.72832
38.9825	0.63154	16.00523	-925.717	34.80338	55.90197	0.663317	14.9191
39.1465	0.915838	15.79663	-927.829	53.49598	62.32853	0.660439	14.9191
39.3105	0.963424	15.99661	-927.829	67.3133	66.53902	0.66	14.7974
39.4745	0.627	-99999	-927.829	43	68.58054	0.66078	14.8235
39.6385	-99999	15.788	-99999	-99999	-99999	0.664119	14.79754
39.8025	0.631082	15.9964	-926.031	37.59399	61.16455	0.664221	14.70187
39.9665	0.628165	16.00523	-925.711	42.92272	67.84695	0.664	14.82336
40.1305	0.625083	15.79691	-927.829	42.79449	69.26711	0.660884	14.9191
40.2945	0.62079	15.788	-927.829	43.13	68.15607	0.660779	14.79775
40.4585	0.620666	15.99619	-926.035	40.15067	65.62611	0.661778	14.70187
40.6225	0.62729	16.00523	-927.499	42.56752	67.2368	0.660444	14.58062
40.7865	0.63	16.00523	-928.161	42.50471	68.57653	0.651443	14.72707
40.9505	0.63	16.00523	-925.705	44.4968	69.52075	0.649778	14.67682
41.1145	0.629543	15.79726	-927.829	42.50231	68.62695	0.650777	14.60572
41.2785	0.630828	15.788	-926.04	48.0715	76.67168	0.654885	14.58087
41.4425	0.636197	15.788	-925.702	48.21569	75.02686	0.657554	14.60562
41.6065	0.639544	15.788	-927.829	44.28696	68.93452	0.654893	14.8228
41.7705	0.639	15.99577	-926.043	41.93103	65.15115	0.653224	14.79824
41.9345	0.63672	15.79753	-925.699	38.57522	59.94606	0.651448	14.58108
42.0985	0.633544	15.99564	-926.045	37.06767	58.98281	0.653327	14.60538
42.2625	0.633455	15.79767	-923.914	34.73322	52.94848	0.656326	14.70187
42.4265	0.63582	15.99549	-925.695	33.74958	56.01623	0.661652	14.70187
42.5905	0.638455	15.79774	-927.829	42.44956	64.93066	0.663	14.82246
42.7545	0.638545	15.788	-927.829	36.35492	57.09088	0.663	14.79858
42.9185	0.637546	15.99535	-927.829	38.06378	60.17503	0.661451	14.82232
43.0825	0.636092	15.79795	-927.829	39.29142	61.454	0.660226	14.79868
43.2465	0.636361	15.788	-927.829	39.41585	62.55966	0.664645	14.82225
43.4105	0.639361	15.788	-927.829	42	65.69097	0.668322	14.79879
43.5745	0.640093	15.99515	-927.829	38.46342	58.51945	0.665132	14.82212
43.7385	0.637188	15.79816	-927.829	34.11989	54.50245	0.664773	14.9191
43.9025	0.631831	15.99501	-926.056	39.05903	62.30759	0.663454	14.79896
44.0665	0.627095	16.00523	-925.685	36.0624	55.26182	0.664546	14.70187
44.2305	0.625548	15.7983	-927.829	31.22985	51.84645	0.668863	14.82191
44.3945	0.627261	15.99487	-927.829	40.05708	64.32916	0.67	14.79914
44.5585	0.629096	16.00523	-926.06	40.94389	64.6042	0.668456	14.70187
44.7225	0.626194	15.7985	-925.682	39.70346	63.72883	0.664142	14.70187
44.8865	0.624	15.788	-927.829	40.29715	64.25893	0.662229	14.58205
45.0505	0.623549	15.788	-926.063	45.67262	76.29988	0.641175	14.6044
45.2145	0.623902	15.99459	-925.679	55.19133	87.19246	0.633458	14.70187
45.3785	0.625901	15.79871	-929.593	48.2462	76.29216	0.631459	14.70187
45.5425	0.627	15.788	-929.981	46.05136	73.92459	1.107076	14.82146
45.7065	0.6279	15.99439	-926.068	43.79821	67.86168	0.769886	14.9191

45.8705	0.630349	15.79886	-923.914	39.49912	64.22749	0.627	14.9191
46.0345	0.633349	15.99431	-923.914	47.04942	74.75426	0.631618	14.79969
46.1985	0.634102	15.79899	-923.914	45.85467	70.8872	0.630692	14.82121
46.3625	0.633898	15.788	-925.672	40	63.1018	0.626924	14.6805
46.5265	0.634103	15.788	-927.829	40.6977	64.49892	0.624462	14.60391
46.6905	0.633	15.788	-927.829	43.74317	69.89297	0.61785	14.70187
46.8545	0.632103	15.788	-927.829	47.34853	75.06559	0.622916	14.70187
47.0185	0.634136	15.99397	-926.075	46.95533	73.58919	0.628841	14.70187
47.1825	0.638	16.00523	-925.667	48.82667	78.25128	0.630768	14.70187
47.3465	0.639342	15.79941	-927.829	54.6097	84.79887	0.630232	14.70187
47.5105	0.638764	15.788	-927.829	51.30529	80.00224	0.629233	14.82079
47.6745	0.635553	15.788	-926.079	50.6945	80.07969	0.632069	14.6814
47.8385	0.635893	15.99369	-923.914	49.91845	77.56726	0.637601	14.60343
48.0025	0.637446	16.00523	-925.662	49.11941	78.45998	0.639767	14.70187
48.1665	0.638892	15.79968	-927.829	55.69259	87.48073	0.638467	14.70187
48.3305	0.638216	15.788	-927.829	58.03823	91.41554	0.634935	14.70187
48.4945	0.633771	15.788	-926.084	56.19452	86.90242	0.634	14.70187
48.6585	0.630555	15.788	-925.658	47.61741	74.88127	0.634	14.70187
48.8225	0.63089	15.788	-926.086	46.03597	73.44082	0.637061	14.70187
48.9865	0.632445	15.788	-922.173	46.96495	73.78792	0.638	14.70187
49.1505	0.632111	15.788	-923.481	48.793	78.94141	0.638765	14.70187
49.3145	0.630111	15.788	-931.309	53.93195	84.63374	0.636706	14.70187
49.4785	0.627668	15.788	-932.181	53.4437	86.75561	0.635236	14.58365
49.6425	0.626888	15.788	-927.829	54.15123	83.69661	0.638056	14.60284
49.8065	0.628	15.788	-927.829	49.18733	81.18389	0.640528	14.82003
49.9705	0.628	15.788	-927.829	58.93887	92.89805	0.639473	14.80102
50.1345	0.626227	15.99292	-927.829	52.59622	82.85682	0.635947	14.81989
50.2985	0.623557	16.00523	-927.829	46.62763	74.13424	0.629659	14.80115
50.4625	0.624328	15.80045	-926.096	45.37115	73.30415	0.625712	14.70187
50.6265	0.626885	15.788	-925.645	48	76.56933	0.625763	14.70187
50.7905	0.631094	15.99271	-927.829	47.31551	74.66834	0.629049	14.81968
50.9545	0.635884	16.00523	-926.099	49.07907	78.58401	0.628476	14.68363
51.1185	0.637	16.00523	-925.643	55.68363	87.72873	0.624953	14.60232
51.2825	0.634794	16.00523	-927.829	54.60957	84.90678	0.624	14.70187
51.4465	0.632441	16.00523	-927.829	48.29417	75.57578	0.622477	14.70187
51.6105	0.634322	16.00523	-929.555	50.11447	81.33803	0.625044	14.70187
51.7745	0.637322	15.80087	-931.744	51.81981	77.59506	0.626761	14.70187
51.9385	0.635478	15.788	-928.296	38.38362	61.53703	0.62624	14.81926
52.1025	0.631	15.788	-923.914	43.68042	69.54041	0.62904	14.80174
52.2665	0.632319	15.99216	-923.914	44.32022	69.78001	0.63152	14.81919
52.4305	0.635758	15.80108	-925.635	48.09529	77.9696	0.634279	14.6846
52.5945	0.638879	15.99209	-927.829	60.37695	95.58967	0.633481	14.60183
52.7585	0.639561	15.59719	-927.829	60.25038	92.01315	0.634518	14.81899
52.9225	0.638561	15.77473	-926.111	52.35581	82.61781	0.633482	14.80202
53.0865	0.638438	15.788	-925.63	53.98417	84.08955	0.633	14.58483
53.2505	0.639	15.99188	-929.545	49.96955	77.26236	0.631483	14.71859
53.4145	0.63681	15.80142	-931.744	47.69152	75.69118	0.635549	14.80219

53.5785	0.635313	15.788	-930.03	49.64816	77.52699	0.638516	14.81871
53.7425	0.635688	15.788	-927.829	49.02594	78.07592	0.640515	14.9191
53.9065	0.631815	15.788	-927.829	50.30149	78.32738	0.637213	14.68558
54.0705	0.626815	15.788	-927.829	47.02266	75.99383	0.635243	14.60134
54.2345	0.624437	15.99153	-929.539	48.64095	76.78156	0.635757	14.58525
54.39849	0.626746	15.80177	-930.035	51.74329	86.16386	0.63827	14.71775
54.5625	0.630745	15.788	-927.829	60.94553	93.82246	0.639756	14.80258
54.7265	0.631693	15.788	-927.829	48.66394	76.87801	0.636975	14.70187
54.8905	0.627822	15.788	-927.829	50.35096	81.33551	0.631464	14.70187
55.0545	0.624129	15.788	-927.829	48.62149	74.84141	0.63	14.70187
55.2185	0.623435	15.788	-927.829	39.35406	64.71885	0.632266	14.70187
55.3825	0.628349	15.788	-926.126	44.9947	71.15446	0.632245	14.70187
55.5465	0.636608	15.788	-925.615	46.34795	74.33736	0.631245	14.70187
55.7105	0.639566	15.788	-929.529	47.98169	72.67229	0.629491	14.70187
55.8745	0.637263	15.788	-928.344	42.68233	69.20435	0.627491	14.70187
56.0385	0.635	15.788	-923.914	50.32946	78.47327	0.627754	14.58588
56.2025	0.634133	15.99084	-927.309	48.66902	77.54203	0.628	14.60061
56.3665	0.635167	16.00523	-930.048	47.99802	73.71999	0.628	14.70187
56.53049	0.637134	15.59972	-927.829	46.33188	75.71906	0.624987	14.70187
56.6945	0.637299	15.77347	-927.829	57.00107	88.51356	0.623247	14.70187
56.8585	0.636837	15.788	-927.829	51.0029	79.13074	0.625258	14.70187
57.0225	0.634865	15.99056	-927.829	49.32782	78.79007	0.627505	14.58618
57.1865	0.63816	15.80274	-926.138	50.01358	76.53242	0.632514	14.6003
57.3505	0.640136	15.99048	-923.914	47.97596	77.77497	0.637008	14.81746
57.5145	0.639863	15.60039	-925.604	58.34052	90.40298	0.637248	14.80358
57.6785	0.63798	15.77313	-924.451	51.68409	79.40804	0.633243	14.58642
57.8425	0.632276	15.788	-919.999	46.98749	75.27725	0.632751	14.48465
58.0065	0.633877	15.788	-930.117	49.01434	76.41687	0.635253	14.48465
58.1705	0.640292	15.99021	-935.061	50.29182	81.01121	0.638253	14.48465
58.3345	0.642	15.80309	-927.284	64.96719	103.0602	0.632996	14.48465
58.4985	0.644581	15.788	-928.376	67.0547	101.3077	0.631	14.71498
58.66249	0.647141	15.788	-925.596	58.29951	91.64175	0.6325	14.9191
58.8265	0.646	15.788	-926.148	63.02213	96.63066	0.637499	14.80401
58.9905	0.647717	15.788	-925.595	61.63553	96.37318	0.63975	14.8169
59.1545	0.648284	15.788	-927.829	71.61024	112.6499	0.639251	14.80415
59.3185	0.645571	15.788	-927.829	79.68401	122.8112	0.638251	14.70187
59.4825	0.642429	15.788	-927.829	74.37046	114.4958	0.638	14.58702
59.6465	0.638144	15.98966	-927.829	73.26904	116.8646	0.639497	14.71429
59.8105	0.638284	15.80358	-927.829	82.65636	129.8076	0.63551	14.68959
59.9745	0.640856	15.58642	-927.829	84	131.0751	0.636244	14.59933
60.1385	0.643283	15.77229	-927.829	85.63869	133.8951	0.634757	14.58726
60.3025	0.646709	15.788	-926.156	89.65487	138.9377	0.629516	14.59923
60.4665	0.648146	15.58663	-925.585	85.76656	129.8443	0.625758	14.70187
60.6305	0.64828	15.77215	-927.829	75.32688	116.3478	0.624253	14.70187
60.7945	0.650853	15.788	-927.829	79.92097	124.6204	0.62848	14.58748
60.9585	0.653279	15.788	-924.492	85.06203	128.8493	0.631493	14.59898
61.1225	0.654148	15.788	-925.002	84.54433	131.8564	0.630508	14.58757

61.2865	0.652149	15.788	-928.412	91.76469	138.7075	0.62627	14.48465
61.4505	0.650149	15.788	-927.245	82.02324	125.6969	0.623509	14.48465
61.6145	0.927555	15.788	-930.079	104.7371	121.7208	0.624491	14.59877
61.7785	1.02692	15.98896	-929.493	129.335	117.0247	0.631706	14.58782
61.9425	0.652	-99999	-931.744	74	113.4969	0.638469	14.59867
62.1065	-99999	15.788	-99999	-99999	-99999	0.638511	14.70187
62.2705	0.649424	15.788	-930.083	77.29732	119.6369	0.636511	14.58796
62.43451	0.65	15.788	-927.829	85.18767	133.5142	0.635256	14.5985
62.5985	0.650424	15.98868	-927.829	96.32388	148.247	0.632769	14.70187
62.7625	0.652694	15.80462	-929.486	95.05852	144.7381	0.637204	14.70187
62.9265	0.653731	15.788	-930.088	87.44438	132.0648	0.63677	14.70187
63.0905	0.648194	15.98854	-926.174	79.03091	121.4527	0.638229	14.70187
63.2545	0.642155	15.80476	-925.569	87.01091	140.3526	0.635286	14.58831
63.4185	0.641422	15.9884	-927.829	100.5804	153.244	0.635485	14.59814
63.5825	0.640312	15.8049	-927.829	84.67772	132.0876	0.638969	14.58841
63.7465	0.640531	15.98827	-927.829	90.76156	144.8973	0.64	14.48465
63.9105	0.643157	15.80497	-929.479	97.59924	148.154	0.640742	14.59801
64.0745	0.640736	15.98819	-930.094	88.11108	140.5091	0.635809	14.58859
64.2385	0.638158	15.80511	-927.829	101.964	160.2517	0.631035	14.48465
64.4025	0.639104	15.788	-927.829	91.80249	137.8247	0.635927	14.37147
64.5665	0.64158	15.788	-927.829	72.41364	115.9903	0.641704	14.60686
64.7305	0.642681	15.788	-927.829	88.88427	139.6802	0.642259	14.69294
64.8945	0.64374	15.788	-927.829	86.99058	131.2145	0.646442	14.48465
65.0585	0.64326	15.788	-926.185	73.20071	115.3308	0.64652	14.59759
65.2225	0.646678	15.788	-923.914	82.23837	128.2355	0.646	14.58896
65.3865	0.649419	15.5883	-925.555	90.19385	140.4147	0.648219	14.48465
65.5505	0.651257	15.77047	-927.829	97	148.9435	0.647521	14.48465
65.7145	0.650487	15.788	-926.189	94.44736	143.943	0.645522	14.48465
65.8785	0.646163	15.788	-925.553	84.85593	129.3004	0.640568	14.59731
66.0425	0.646673	15.788	-927.829	82.68787	131.0594	0.636785	14.58924
66.2065	0.650672	15.788	-927.829	95.72749	146.5181	0.639691	14.48465
66.3705	0.653418	15.788	-926.194	94.58959	145.5223	0.641	14.7097
66.5345	0.654418	15.788	-923.914	95.13961	144.0134	0.644689	14.58173
66.6985	0.653748	15.788	-925.548	94.39777	147.0193	0.648212	14.4922
66.8625	0.651166	15.788	-927.829	99.97299	150.5961	0.647526	14.58951
67.0265	0.650833	15.58886	-926.198	93.65342	147.0937	0.648474	14.59696
67.1905	0.652833	15.96906	-925.544	100.0845	149.5143	0.651947	14.70187
67.3545	0.653584	15.80615	-927.829	87.11481	135.2802	0.654473	14.70187
67.5185	0.652168	15.788	-924.572	95.36756	145.9236	0.653528	14.70187
67.6825	0.648922	15.788	-921.627	92.42043	141.6403	0.651528	14.47772
67.8465	0.644339	15.58913	-923.914	89.94671	140.0684	0.649529	14.37946
68.0105	0.90979	15.76964	-923.914	110.291	132.1953	1.130731	14.59662
68.1745	1.018486	15.788	-925.539	126.3579	116.8146	0.824699	14.70187
68.3385	0.64	-99999	-927.829	75	117.1875	0.652	14.47822
68.5025	-99999	15.57078	-99999	-99999	-99999	0.649796	14.49101
68.6665	0.638	15.57078	-925.535	83.91486	134.9689	0.649734	14.70187
68.8305	0.638414	15.57078	-926.209	95.54529	147.9472	0.65	14.4785

68.9945	0.640655	15.7693	-927.154	90.82571	143.152	0.650734	14.37904
69.1585	0.64176	15.58955	-928.507	93.23604	143.3955	0.653201	14.5962
69.3225	0.637108	15.76917	-925.532	85	133.4193	0.652534	14.47883
69.4865	0.635477	15.788	-927.829	91.88717	147.9742	0.646135	14.37891
69.6505	0.640238	15.788	-926.214	102.6213	158.1292	0.641801	14.59605
69.8145	0.644062	15.788	-927.144	92.68733	143.7606	0.641733	14.81321
69.9785	0.649061	15.788	-931.744	91.0629	139.8489	0.638339	14.80783
70.1425	0.651588	15.788	-928.519	85.87939	130.263	0.642124	14.59063
70.3065	0.649765	15.788	-925.525	82.11756	127.9339	0.643268	14.59585
70.4705	0.648823	15.98603	-924.608	84.32738	127.6797	0.639342	14.70187
70.6345	0.65	15.80726	-924.829	79.91685	125.8658	0.638	14.59081
70.7985	0.651233	15.788	-930.135	88.9556	134.6267	0.640193	14.59565
70.9625	0.652179	15.788	-927.829	81.86481	126.4503	0.641731	14.59091
71.1265	0.651	15.59024	-927.829	84.4477	128.9536	0.644192	14.48465
71.2905	0.65018	15.57078	-926.224	81.62042	125.8447	0.642809	14.48465
71.4545	0.64736	15.57078	-923.914	81.75954	125.6721	0.64419	14.48465
71.6185	0.647867	15.7684	-925.518	86.12565	136.391	0.647919	14.59537
71.7825	0.653637	15.788	-927.829	93.64335	139.2054	0.649729	14.70187
71.9465	0.654773	15.788	-927.829	82.73001	130.2021	0.651459	14.59122
72.1105	0.653409	15.788	-927.829	97.83734	148.6684	0.649084	14.48465
72.2745	0.651957	15.5906	-926.229	93	142.6495	0.645085	14.59515
72.4385	0.648592	15.76812	-925.513	93.92554	145.278	0.64837	14.59144
72.6025	0.648408	15.59073	-927.829	96.61642	149.3123	0.651456	14.70545
72.7665	0.648592	15.57078	-927.829	93.68935	142.2884	0.654184	14.58799
72.9305	0.645555	15.76798	-927.829	89.84615	142.1836	0.655	14.37772
73.0945	0.640778	15.788	-927.829	97.46391	149.2684	0.65209	14.37442
73.2585	0.639	15.788	-929.422	85.30726	133.6573	0.650273	14.37758
73.4225	0.639407	15.788	-928.559	82.9305	128.1445	0.652181	14.48465
73.5865	0.64	15.59107	-925.505	75.08006	116.8449	0.653	14.48465
73.7505	0.641219	15.7677	-927.829	77.5965	123.3234	0.653727	14.48465
73.9145	0.639752	15.788	-927.829	84.6311	130.5247	0.651822	14.48465
74.0785	0.635	15.59122	-927.829	78.83575	125.0937	0.647371	14.37477
74.2425	0.635811	15.57078	-927.829	89.72437	144.5449	0.643098	14.48712
74.4065	0.641051	15.76743	-929.415	101.6412	156.9151	1.109925	14.70187
74.5705	0.64862	15.59136	-926.988	93.69486	144.3024	0.817767	14.70187
74.7345	0.65019	15.76735	-923.169	94.52502	146.1539	0.64	14.5922
74.8985	0.646978	15.788	-927.829	95.56241	146.4511	0.638551	14.59426
75.0625	0.644	15.59156	-927.829	91.52197	142.8896	0.638	14.48273
75.2265	0.646423	15.76715	-926.248	95.91216	148.8295	0.638724	14.37695
75.3905	0.651211	15.98437	-927.075	93.44242	141.2173	0.641896	14.48465
75.5545	0.65179	15.80893	-930.164	89.07415	139.7576	0.640829	14.37526
75.7185	0.649194	15.59177	-929.407	100.8762	154.3033	0.634937	14.26742
75.8825	0.646791	15.76694	-930.167	90.24115	136.5579	0.636615	14.48601
76.0465	0.647818	15.788	-927.829	84.26701	133.6827	0.641615	14.59261
76.2105	0.654817	15.788	-929.404	99.18452	150.5822	0.645168	14.48465
76.3745	0.656989	15.788	-930.169	91.67265	137.8351	0.651057	14.48465
76.5385	0.652794	15.98395	-927.829	85.20842	131.1476	0.650834	14.48465

76.7025	0.651402	15.80935	-927.829	94.94141	149.2598	0.649278	14.37564
76.8665	0.649994	15.788	-927.829	105.8746	160.2296	0.649	14.48538
77.0305	0.646599	15.98381	-927.829	92.19231	141.6508	0.650443	14.70187
77.1945	0.647203	15.61373	-927.829	87.69881	135.3526	0.651721	14.70187
77.3585	0.649	15.76645	-926.261	86.69915	133.4351	0.652	14.5931
77.5225	0.647399	15.788	-925.481	88.70487	138.4265	0.65128	14.48465
77.6865	0.643	15.59246	-926.263	100.104	158.3727	0.649559	14.59335
77.8505	0.6396	15.57078	-927.045	102.3993	155.0862	0.64612	14.59324
78.0145	0.640599	15.57078	-931.744	82.69904	130.4786	0.650039	14.37608
78.1785	0.644597	15.76617	-930.181	93.7928	147.9474	0.654878	14.37591
78.3425	0.643808	15.788	-927.829	101.4091	155.6047	0.653843	14.48465
78.5065	0.639	15.59274	-927.829	92.10318	143.668	0.653719	14.48465
78.6705	0.639399	15.57078	-927.829	85.81784	132.0392	0.650406	14.48465
78.8345	0.64	15.76597	-927.829	80.18089	127.4655	0.647563	14.48465
78.9985	0.639602	15.59289	-927.829	89.10513	138.8437	0.649155	14.48465
79.1625	0.640193	15.57078	-927.829	89.97986	142.093	0.648564	14.48465
79.3265	0.642795	15.57078	-926.273	89.85658	136.0928	0.642976	14.37651
79.4905	0.645589	15.76575	-925.469	81.32799	130.241	0.640283	14.26742
79.6545	0.649191	15.59309	-927.829	99.51331	152.5289	0.639283	14.37543
79.8185	0.651	15.57078	-927.829	93.92104	143.199	0.639717	14.59258
79.9825	0.651	15.57078	-929.381	87.51656	133.6676	0.64	14.59397
80.1465	0.651	15.57078	-928.642	86.66746	134.5093	0.64215	14.48465
80.3105	0.651	15.76548	-925.464	91.22298	139.2075	0.63727	14.37685
80.4745	0.649417	15.59337	-926.279	82.55882	124.7899	0.635	14.26742
80.6385	0.645022	15.76535	-923.914	80.57743	129.4937	0.636431	14.48276
80.8025	0.646347	15.59351	-925.461	101.5908	157.4839	0.644153	14.48664
80.9665	0.65379	15.57078	-924.737	99.16387	149.7062	1.114027	14.26742
81.1305	0.653027	15.76519	-921.544	86.46154	130.5352	-99999	-99999
81.2945	0.65	15.59365	-931.638	80.35825	124.8562	0.644	14.48465
81.4585	0.649606	15.57078	-935.771	84.52762	129.3506	0.643286	14.48465
81.6225	0.651757	15.57078	-925.456	85.412	133.2901	0.648712	14.48465
81.7865	0.656787	15.57078	-927.829	96.88148	147.961	0.652428	14.48465
81.9505	0.655246	15.57078	-929.369	100.7617	154.7185	0.650859	14.48465
82.1145	0.649034	15.76485	-930.204	109.1088	170.3042	0.648573	14.48465
82.2785	0.644035	15.594	-926.291	111.0841	168.2228	0.645861	14.48465
82.4425	0.640215	15.57078	-926.988	92.58567	144.931	0.649989	14.48465
82.6065	0.640569	15.76465	-930.208	90.48962	139.4242	0.656276	14.59168
82.7705	0.642608	15.98186	-927.829	86.09241	136.1563	0.655863	14.70187
82.9345	0.640432	15.81143	-926.294	100.9678	160.3457	0.652152	14.59498
83.0985	0.638	15.59427	-925.448	109.205	169.1345	1.112258	14.48465
83.2625	0.639174	15.57078	-927.829	97.0846	150.3478	-99999	-99999
83.4265	0.641391	15.57078	-927.829	90.29124	140.9292	0.646	14.48465
83.5905	0.641609	15.76436	-927.829	93.91018	147.9282	0.648133	14.48465
83.7545	0.642172	15.788	-927.829	97.79978	150.6058	0.649	14.48465
83.9185	0.643219	15.59455	-927.829	88.25626	136.2728	0.646158	14.48465
84.0825	0.643561	15.57078	-927.829	83.12904	128.7134	0.641449	14.37813
84.2465	0.647949	15.57078	-927.829	82.44987	128.0052	0.63929	14.3739

84.4105	0.652169	15.57078	-927.829	90.63614	141.3993	0.64184	14.48465
84.5745	0.652442	15.76402	-926.304	94.46857	140.7588	0.645838	14.48465
84.7385	0.649222	15.59482	-926.961	76	117.0635	0.641326	14.48465
84.9025	0.646834	15.57078	-931.744	77.15624	119.9075	0.639	14.48465
85.0665	0.645	15.57078	-928.702	82.02075	128.2469	0.639709	14.48465
85.2305	0.646941	15.57078	-925.434	86.71154	133.8835	0.64	14.59077
85.3945	0.650388	15.76374	-927.829	81.96277	123.8813	0.638584	14.59581
85.5585	0.649836	15.788	-929.347	73.15228	113.1918	0.64154	14.48465
85.7225	0.647613	15.788	-928.709	76.86329	119.1512	0.643708	14.48465
85.8865	0.647387	15.59525	-925.43	79.86226	123.8217	0.64683	14.48465
86.0505	0.649935	15.57078	-926.314	79.98959	122.0195	0.650122	14.37879
86.2145	0.653387	15.57078	-925.429	80.45445	126.0257	0.651	14.26742
86.3785	0.652067	15.57078	-926.316	88.83811	133.4378	0.651	14.37313
86.5425	0.649386	15.76333	-925.426	74.85413	114.6567	0.651	14.59033
86.7065	0.648456	15.59553	-926.318	72.28613	111.6313	0.651	14.59624
86.8705	0.644457	15.57078	-923.914	70.42686	107.8674	0.648176	14.48465
87.0345	0.642771	15.76319	-925.424	66.57236	104.958	0.643471	14.37914
87.1985	0.644	15.59566	-927.829	72.42898	112.1575	0.64976	14.37286
87.3625	0.644385	15.57078	-929.336	73.85207	116.1515	0.65441	14.59005
87.5265	0.644615	15.57078	-928.732	79.86069	123.2675	0.651475	14.49116
87.6905	0.642078	15.76296	-925.419	74.15392	113.9088	0.65	14.37271
87.8545	0.639769	15.59588	-927.829	68.70712	108.3229	0.649296	14.48465
88.0185	0.641384	15.57078	-927.829	80.67383	129.9661	0.653929	14.48465
88.1825	0.641233	15.76277	-927.829	92.33441	139.7628	0.657408	14.48465
88.3465	0.639233	15.59608	-929.33	72.71639	113.5987	0.653074	14.37956
88.5105	0.637234	15.57078	-930.244	73.98344	117.2059	0.646779	14.37244
88.6745	0.637915	15.57078	-927.829	81.54936	129.2209	0.642891	14.5896
88.8385	0.644445	15.76257	-927.829	88.84887	138.3244	0.639891	14.70187
89.0025	0.650765	15.788	-926.332	84.49901	126.3448	0.64181	14.49217
89.1665	0.652	15.40471	-923.914	68.28231	104.8805	0.642298	14.37223
89.3305	0.651236	15.73681	-925.409	73.51282	115.3524	0.639191	14.37991
89.4945	0.650382	15.59643	-926.334	83.59017	127.7605	0.638	14.26742
89.6585	0.651	15.57078	-925.407	81.68996	126.4035	0.640105	14.37202
89.8225	0.651762	15.57078	-927.829	85.43729	130.7829	0.641	14.58922
89.9865	0.653	15.76215	-927.829	84	128.6371	0.641701	14.70187
90.1505	0.651478	15.59665	-927.829	84.84238	130.6982	0.643402	14.59741
90.3145	0.64938	15.57078	-926.34	84.19331	128.1208	0.642599	14.38026
90.4785	0.648479	15.57078	-922.426	76.15891	116.975	0.644801	14.37174
90.6425	0.647899	15.76194	-922.973	81.56157	129.9708	0.6495	14.58893
90.8065	0.652139	15.788	-929.315	99.04173	150.8135	0.6531	14.59762
90.9705	0.652862	15.788	-930.259	91.76404	139.3208	0.651202	14.38047
91.1345	0.649862	15.40597	-927.829	80.1324	120.0476	0.648601	14.26742
91.2985	0.646863	15.73545	-927.829	67.79105	106.3597	0.645903	14.37147
91.4625	0.646136	15.59712	-926.347	78.90319	124.2546	0.645	14.38064
91.6265	0.648	15.7616	-925.395	88.16452	135.5944	0.648493	14.3714
91.7905	0.648	15.59719	-927.829	87.94791	136.8004	0.650698	14.48465
91.9545	0.644599	15.76151	-926.35	89.66265	137.1857	0.648906	14.48465

92.1185	0.635224	15.59733	-925.392	76.83289	118.5169	0.646605	14.48465
92.2825	0.632773	15.57078	-927.829	74.32507	122.022	0.648092	14.48465
92.4465	0.640508	15.57078	-929.305	90.73325	138.7429	0.651789	14.48465
92.6105	0.644507	15.57078	-930.269	81.98558	129.9549	0.653697	14.48465
92.7745	0.644364	15.76124	-929.303	90.84719	138.6089	0.650516	14.48465
92.9385	0.638495	15.59761	-930.271	80.82964	127.071	0.649696	14.38116
93.1025	0.636752	15.57078	-927.829	80.79036	125.6347	0.647216	14.37087
93.2665	0.64063	15.76103	-927.829	77.2072	121.7352	0.643216	14.48465
93.4305	0.645751	15.59776	-927.829	83.55136	129.6935	0.643392	14.588
93.5945	0.647375	15.57078	-930.768	83.89777	128.9825	0.644	14.49532
93.7585	0.648375	15.76089	-932.722	82.10101	127.2393	0.644695	14.37063
93.9225	0.649	15.59796	-927.829	85.27495	131.5481	0.644305	14.48465
94.0865	0.648251	15.57078	-927.829	84.62679	129.7714	0.640526	14.58779
94.2505	0.647749	15.57078	-926.364	80.17674	123.3189	0.640389	14.70187
94.4145	0.649	15.57078	-926.843	77.17722	118.4559	0.641694	14.59888
94.5785	0.650869	15.57078	-928.818	77.19164	119.804	0.640612	14.48465
94.7425	0.653627	15.76054	-925.376	85.7365	132.7027	0.638613	14.48465
94.9065	0.651881	15.788	-926.368	93.54669	143.813	0.636613	14.48465
95.0705	0.650746	15.59831	-926.834	91.17628	137.9787	0.639466	14.48465
95.2345	0.653118	15.57078	-928.825	74.72097	110.9308	0.646543	14.48465
95.3985	0.655	15.76034	-925.372	65.0901	103.3352	0.65177	14.48465
95.5625	0.654628	15.40902	-929.286	85.90674	132.3008	0.652308	14.58727
95.7265	0.652141	15.7324	-930.288	89.0954	135.5314	0.650616	14.59929
95.8905	0.649372	15.59859	-927.829	86.9905	135.6458	0.650692	14.48465
96.0545	0.650743	15.57078	-926.375	91.46735	138.5795	0.651	14.5871
96.2185	0.651629	15.57078	-925.367	85.79959	133.8211	0.652383	14.5995
96.3825	0.647662	15.57078	-926.377	93.01797	141.8775	0.653	14.48465
96.5465	0.642	15.57078	-925.365	83.10448	128.3582	0.650236	14.38234
96.7105	0.639037	15.57078	-926.379	82.87019	132.5788	0.649	14.36966
96.8745	0.634741	15.57078	-925.364	96	151.2432	0.647619	14.38247
97.0385	0.639329	15.38177	-926.381	95.18958	148.4437	0.64976	14.26742
97.2025	0.645	15.73141	-923.914	90.30203	138.4561	0.652379	14.36948
97.3665	0.643892	15.59914	-926.805	86.5034	136.3818	0.65231	14.48465
97.5305	0.640524	15.57078	-930.299	92.4995	142.3582	0.649243	14.48465
97.6945	0.636524	15.57078	-926.385	86.76862	138.5446	0.645933	14.48465
97.8585	0.634737	15.57078	-923.914	94.84925	148.1826	0.647066	14.48465
98.0225	0.638578	15.57078	-923.914	90.61123	142.8129	0.648	14.48465
98.1865	0.643736	15.57078	-925.355	91.51297	140.1589	0.648	14.48465
98.3505	0.645736	15.75936	-929.269	81.73199	126.4187	0.641807	14.48465
98.5145	0.647	15.59948	-930.304	81.53586	126.3299	0.632122	14.48465
98.6785	0.647735	15.57078	-926.391	87.54829	137.7611	0.635875	14.28157
98.8425	0.650835	15.75915	-925.351	97.32758	148.0388	0.641749	14.2532
99.0065	0.6551	15.5997	-927.829	91.86855	141.2915	0.645748	14.48465
99.1705	0.654801	15.38248	-927.829	94.59959	143.0723	0.641505	14.48465
99.3345	0.649901	15.73003	-927.829	89.33315	138.2333	0.637627	14.28197
99.4985	0.648	15.59983	-927.829	94.59795	146.9084	0.637686	14.25274
99.6625	0.649463	15.38268	-933.557	96.34017	146.825	0.642801	14.38342

99.8265	0.652365	15.72962	-937.765	91.65678	142.0234	0.646372	14.36862
99.9905	0.650443	15.59998	-932.119	99	152.208	0.647686	14.48465
100.1545	0.648191	15.57078	-933.856	102.4493	160.0159	0.648685	14.48465
100.3185	0.65273	15.38288	-926.771	101.1338	148.7168	0.648315	14.38366
100.4825	0.654	15.35355	-930.317	80.264	128.0681	0.648	14.36837
100.6465	0.654	15.5413	-930.68	102.0343	153.7271	0.648685	14.38373
100.8105	0.654364	15.57078	-932.809	96.01897	149.6244	0.649	14.36827
100.9745	0.655	15.57078	-927.829	111.8485	171.8275	0.65242	14.48465
101.1385	0.651001	15.57078	-927.829	109.8782	164.4929	0.653316	14.48465
101.3025	0.642911	15.38324	-926.407	90.52678	141.1223	0.65095	14.48465
101.4665	0.642089	15.54102	-925.335	91.21075	141.5927	0.651366	14.48465
101.6305	0.644725	15.57078	-929.249	90.57715	141.4121	0.654049	14.48465
101.7945	0.645275	15.57078	-930.324	94.47444	146.0984	0.655	14.48465
101.9585	0.641464	15.57078	-929.247	89.32537	137.0231	0.654318	14.48465
102.1225	0.63519	15.57078	-931.744	85.55325	138.6902	0.65059	14.48465
102.2865	0.63417	15.38358	-928.913	99.28716	153.7952	0.649682	14.48465
102.4505	0.639084	15.54074	-925.329	93.84798	151.4832	0.651363	14.48465
102.6145	0.641361	15.57078	-926.414	108.1544	163.9819	0.651319	14.48465
102.7785	0.642	15.57078	-923.914	87.8285	137.8925	0.644189	14.48465
102.9425	0.642721	15.57078	-926.738	94.04349	146.9377	0.642362	14.38453
103.1065	0.645081	15.57078	-931.744	99.08422	154.8247	0.636874	14.26742
103.2705	0.64808	15.57078	-930.334	105	162.0177	0.635361	14.36743
103.4345	0.64892	15.57078	-927.829	106.0409	164.0338	0.642121	14.48465
103.5985	0.64736	15.75756	-927.829	113.1587	177.2579	0.645	14.48465
103.7625	0.648719	15.788	-929.236	123.1827	188.8175	0.642962	14.48465
103.9265	0.649282	15.60136	-930.338	116.4444	178.4151	0.639283	14.48465
104.0905	0.647641	15.57078	-927.829	111.2229	171.2714	0.635283	14.38491
104.2545	0.648435	15.75735	-927.829	105.375	160.3843	0.635358	14.36709
104.4185	0.651	15.6015	-927.829	95	145.9293	0.64075	14.48465
104.5825	0.652074	15.57078	-929.231	101.1996	158.831	0.644356	14.38509
104.7465	0.652927	15.38442	-930.343	112.8087	169.0679	0.646356	14.36695
104.9105	0.650643	15.5399	-929.229	99.12393	154.8112	0.647	14.38519
105.0745	0.65	15.57078	-931.744	112.2881	173.5186	0.648355	14.26742
105.2385	0.652143	15.57078	-928.948	115.228	176.2455	0.651709	14.46605
105.4025	0.655286	15.57078	-925.311	114.2851	175.1719	0.656385	14.60259
105.5665	0.652218	15.57078	-927.829	119.5403	184.2195	0.653262	14.48465
105.7305	0.64615	15.57078	-929.224	118.6138	180.2398	0.64897	14.38546
105.8945	0.642781	15.57078	-937.322	102.2308	158.5893	0.648	14.36654
106.0585	0.647424	15.57078	-940.437	102.8171	160.4825	0.650028	14.48465
106.2225	0.648222	15.57078	-929.221	110.4884	170.1374	0.652351	14.48465
106.3865	0.643934	15.57078	-930.353	110.2771	172.0391	0.648947	14.58362
106.5505	0.641645	15.57078	-926.439	115.7863	181.5453	0.650377	14.50407
106.7145	0.64029	15.75652	-923.914	116.408	178.9801	0.65335	14.36626
106.8785	0.639709	15.41666	-925.302	108.3509	172.6279	0.654	14.48465
107.0425	0.642771	15.53916	-927.829	118.401	180.8517	0.654	14.48465
107.2065	0.64423	15.38524	-927.829	103.0168	160.5396	0.654674	14.38594
107.3705	0.639585	15.53907	-927.829	108.7928	171.8419	0.655	14.36604

107.5345	0.636293	15.57078	-927.829	114.9695	179.4232	0.647589	14.48465
107.6985	0.63606	15.57078	-926.446	106.7184	166.3846	0.64198	14.58314
107.8625	0.641177	15.57078	-923.914	99.7468	155.4246	0.643019	14.40652
108.0265	0.649469	15.57078	-925.295	98.7471	151.897	0.645346	14.24704
108.1905	0.65259	15.38555	-927.829	99.26297	152.8829	0.644655	14.58299
108.3545	0.649295	15.53873	-927.829	105.5252	164.0706	0.639293	14.50533
108.5185	0.647296	15.75589	-927.829	106.6947	160.9505	0.63364	14.26742
108.6825	0.647055	15.60296	-927.829	94.54959	150.0909	0.636031	14.36559
108.8465	0.650406	15.57078	-926.453	113.4968	174.2005	0.640015	14.58279
109.0105	0.652649	15.57078	-925.289	113.0052	173.7625	0.641671	14.50576
109.1745	0.649543	15.57078	-927.829	112.4829	170.9731	0.642	14.4634
109.3385	0.646052	15.57078	-926.456	98.7381	150.8471	0.643342	14.4081
109.5025	0.648701	15.38602	-930.773	97.52075	155.526	0.645341	14.34386
109.6665	0.6514	15.53825	-938.006	117.9939	178.1194	0.649352	14.50616
109.8305	0.654	15.57078	-929.199	101.2495	153.7473	0.648319	14.16963
109.9945	0.652951	15.38615	-931.744	98.25	151.8614	0.64767	14.24565
110.1585	0.650301	15.53811	-929.007	108.7454	169.5414	0.649339	14.48465
110.3225	0.650048	15.38628	-926.648	117.2567	178.7118	0.648661	14.58227
110.4865	0.652	15.53798	-931.744	112.9854	175.7392	0.647331	14.50669
110.6505	0.650954	15.38637	-930.379	119.7756	180.747	0.649676	14.36493
110.8145	0.647258	15.35355	-927.829	101.2643	154.7276	0.651	14.48465
110.9785	0.642955	15.35355	-927.829	97.71956	154.9659	0.653005	14.38727
111.1425	0.640304	15.53777	-927.829	109.7672	170.0175	0.651996	14.4621
111.3065	0.639695	15.57078	-927.829	103.7434	162.6413	0.649664	14.50725
111.4705	0.641	15.38664	-926.469	104.5146	162.1151	0.650335	14.36467
111.6345	0.641694	15.35355	-926.633	102.4741	161.2373	0.654337	14.48465
111.7985	0.642653	15.53755	-930.386	106.2935	163.0607	0.654666	14.38755
111.9625	0.640614	15.57078	-927.829	98.70193	156.4451	0.65	14.36448
112.1265	0.638	15.57078	-927.829	105.3167	162.1015	0.644001	14.29059
112.2905	0.63973	15.57078	-927.829	96.91026	155.1667	0.643999	14.14716
112.4545	0.645767	15.57078	-926.475	113.2772	174.3696	0.648996	14.3643
112.6185	0.651	15.57078	-923.914	104.3129	157.9357	0.647006	14.58146
112.7825	0.650309	15.38713	-925.266	94.71849	146.7333	0.643004	14.41154
112.9465	0.648655	15.53714	-927.829	100.7356	155.7624	0.641335	14.0502
113.1105	0.64731	15.3872	-927.829	102.755	158.5866	0.63967	14.14688
113.2745	0.647378	15.53705	-926.48	100.7759	154.9091	0.640329	14.36402
113.4385	0.649656	15.75421	-926.61	103.6017	163.6334	0.644322	14.58118
113.6025	0.649344	15.60463	-931.744	119.3602	180.907	0.64268	14.60538
113.7665	0.65	15.57078	-931.744	107.439	166.8259	0.63768	14.38818
113.9305	0.647939	15.38749	-931.744	115.9747	179.6227	0.636	14.36382
114.0945	0.64606	15.53679	-931.744	116.3205	178.3859	0.637327	14.38831
114.2585	0.652402	15.57078	-930.401	109.2164	168.1574	0.643969	14.36369
114.4225	0.655629	15.57078	-926.487	112.2711	170.7803	0.65164	14.29219
114.5865	0.652658	15.57078	-922.573	109.0293	166.4408	0.651349	14.2426
114.7505	0.650631	15.57078	-922.678	110.8474	173.4814	0.648675	14.38853
114.9145	0.647658	15.38782	-927.829	122.1233	186.0878	0.646676	14.36347
115.0785	0.649734	15.35355	-927.829	108.7901	166.6968	0.647986	14.38866

115.2425	0.653293	15.35355	-927.829	109.1086	169.6572	0.651646	14.36337
115.4065	0.649318	15.35355	-927.829	120.3103	184.2045	0.652339	14.48465
115.5705	0.64459	15.35355	-927.829	110.9005	169.3323	0.647371	14.29294
115.7345	0.639704	15.35355	-927.829	97.03571	151.0774	0.646983	14.14598
115.8985	0.64266	15.35355	-927.829	97.3697	153.692	0.649321	14.26742
116.0625	0.643701	15.53609	-926.497	106.5577	164.6274	0.652641	14.36309
116.2265	0.647	15.3883	-923.914	100.7996	155.0242	0.654	14.48465
116.3905	0.645302	15.35355	-925.244	101.797	160.9008	0.65202	14.48465
116.5545	0.639963	15.53596	-927.829	116.7602	182.2929	0.649681	14.48465
116.7185	0.636678	15.57078	-929.157	108.0999	164.6521	0.650978	14.38923
116.8825	0.638678	15.57078	-930.417	87.78181	140.5462	0.652	14.26742
117.0465	0.641354	15.57078	-926.504	105.6266	166.3821	0.650023	14.36278
117.2105	0.644	15.3886	-925.239	109.706	167.5611	0.645707	14.38936
117.3745	0.645353	15.35355	-927.829	96.71544	150.3231	0.642025	14.36264
117.5385	0.648338	15.5356	-927.829	101.381	157.9045	0.639684	14.48465
117.7025	0.65035	15.57078	-927.829	111.8535	173.807	0.640315	14.57975
117.8665	0.653	15.38887	-927.829	115.0628	172.3861	0.641	14.6068
118.0305	0.653337	15.35355	-927.829	100.2706	156.2152	0.642315	14.48465
118.1945	0.653663	15.5354	-927.829	109.0191	163.5652	0.641686	14.48465
118.3585	0.651653	15.57078	-926.511	98.68507	155.165	0.639687	14.2949
118.5225	0.648327	15.38907	-923.914	113.2148	172.1468	0.637687	14.14503
118.6865	0.648344	15.53518	-925.229	106.1962	167.1369	0.641594	14.36221
118.8505	0.652007	15.38916	-927.829	116.3932	174.2734	0.648593	14.38992
119.0145	0.652657	15.35355	-926.515	93.58468	142.4615	0.651	14.26742
119.1785	0.649329	15.53505	-926.54	92.06256	143.7929	0.649689	14.26742
119.3425	0.649005	15.38935	-930.432	102.9411	159.2231	0.648345	14.26742
119.5065	0.651	15.53492	-930.45	105.765	162.3122	0.64669	14.17289
119.6705	0.652004	15.38942	-933.039	108.0516	167.693	0.64862	14.14466
119.8345	0.654	15.35355	-929.138	113.3067	170.2002	0.649345	14.36182
119.9985	0.650993	15.35355	-929.128	100.1092	155.2083	0.649654	14.29599
120.1625	0.644333	15.5347	-925.221	108.8718	170.2163	0.65	14.14447
120.3265	0.643667	15.3897	-927.829	112.4296	172.9773	0.646077	14.17318
120.4905	0.645	15.35355	-927.829	104	161.2403	0.647921	14.14437
120.6545	0.642002	15.35355	-927.829	103.2999	160.429	0.654573	14.36153
120.8185	0.637331	15.5345	-927.829	102.6314	162.1152	0.654388	14.3906
120.9825	0.64	15.57078	-926.527	110.3268	173.9448	0.652347	14.36141
121.1465	0.640332	15.38998	-923.914	118.6971	185.834	0.64939	14.48465
121.3105	0.63934	15.53434	-926.513	113.3393	172.0359	0.647348	14.39075
121.4745	0.637327	15.57078	-929.145	95.42631	154.6707	0.652216	14.36125
121.6385	0.640663	15.57078	-923.914	116.06	178.5269	0.651742	14.48465
121.8025	0.643325	15.57078	-925.211	106.2394	167.2842	0.648697	14.48465
121.9665	0.644346	15.57078	-927.829	115.1514	177.4526	0.641488	14.39097
122.1305	0.643315	15.39027	-927.829	110.8468	173.5217	0.641255	14.26742
122.2945	0.650314	15.534	-927.829	112.1537	169.3195	0.642349	14.26742
122.4585	0.65467	15.39039	-927.829	99.22658	153.7086	0.645252	14.17394
122.6225	0.65268	15.53387	-926.537	109.3095	167.0144	0.647	14.14364
122.7865	0.648352	15.57078	-923.914	107.9191	167.0798	0.643751	14.26742

122.9505	0.645659	15.57078	-927.782	110.3114	170.3906	0.638102	14.36075
123.1145	0.647988	15.39061	-933.081	108	166.6706	0.637299	14.39138
123.2785	0.652303	15.53366	-927.829	108.4583	166.5729	0.639298	14.36062
123.4425	0.655685	15.57078	-929.116	108.3979	164.2417	0.642595	14.29832
123.6065	0.653	15.57078	-930.458	102.0857	155.7222	0.644	14.14333
123.7705	0.652344	15.57078	-927.829	93.9768	140.6714	0.646594	14.36049
123.9345	0.650016	15.39087	-927.829	80.42387	126.0528	0.648648	14.39165
124.0985	0.649639	15.53339	-929.112	92.4559	142.6228	0.651591	14.26742
124.2625	0.653655	15.391	-931.744	95.82117	147.8063	0.653	14.26742
124.4265	0.654019	15.35355	-930.463	103.1363	158.4676	0.653647	14.36027
124.5905	0.650693	15.35355	-927.829	103.1405	155.8669	0.653353	14.39186
124.7545	0.646366	15.35355	-927.829	92.04265	143.8152	0.650413	14.26742
124.9185	0.642674	15.53311	-926.551	100.8132	158.1119	0.647707	14.26742
125.0825	0.642652	15.39129	-925.191	103.8311	159.4079	0.649585	14.26742
125.2465	0.643674	15.53296	-926.554	91.19225	140.4302	0.652938	14.26742
125.4105	0.642349	15.57078	-925.189	88.61172	140.4532	0.651417	14.26742
125.5745	0.639698	15.57078	-929.103	103.9336	164.5302	0.648709	14.26742
125.7385	0.638626	15.57078	-930.471	113.7746	178.0043	0.649936	14.26742
125.9025	0.642	15.39157	-927.829	111.1996	171.9646	0.651	14.26742
126.0665	0.642	15.35355	-927.829	106.1237	166.0789	0.652935	14.26742
126.2305	0.640703	15.53267	-926.56	106.8579	164.5726	0.654	14.35964
126.3945	0.635731	15.57078	-923.914	95.3269	149.4702	0.648202	14.48465
126.5585	0.634239	15.57078	-926.45	92.77594	146.1353	0.643712	14.39256
126.7225	0.643912	15.39185	-931.744	94.46132	148.3581	0.644287	14.26742
126.8865	0.65	15.35355	-930.478	104.1173	160.948	0.645	14.26742
127.0505	0.65	15.35355	-927.829	106.2149	162.179	0.639211	14.26742
127.2145	0.650969	15.53233	-927.829	100.8923	155.5956	0.638572	14.26742
127.3785	0.651065	15.39207	-927.829	102.6634	156.7501	0.64	14.26742
127.5425	0.647967	15.5322	-927.829	98.88984	153.2261	0.640642	14.26742
127.7065	0.652576	15.3922	-926.569	102.6665	157.7767	0.637789	14.35916
127.8705	0.656713	15.53212	-925.174	102.1151	153.4931	0.638568	14.39297
128.0345	0.653678	15.39226	-927.829	93.55295	144.1899	0.641284	14.35903
128.1985	0.651393	15.532	-927.829	100.3293	154.9591	0.644566	14.48465
128.3625	0.647679	15.3924	-929.086	104.115	160.1327	0.642794	14.39314
128.5265	0.647321	15.53185	-930.489	102.1043	158.502	0.645487	14.17596
128.6905	0.650243	15.57078	-926.575	105.3381	161.5524	0.652485	14.14159
128.8545	0.655641	15.39255	-923.914	103	157.0986	0.65436	14.26742
129.0185	0.65604	15.53172	-926.42	108.5062	169.2371	0.651439	14.26742
129.1825	0.653361	15.3927	-930.492	121.404	181.2026	0.646801	14.26742
129.3465	0.651361	15.35355	-926.579	97.34132	148.9805	0.646279	14.3586
129.5105	0.649362	15.35355	-923.914	96.31593	149.2528	0.648918	14.48465
129.6745	0.648638	15.5315	-923.914	101.4385	156.6929	0.654474	14.3936
129.8385	0.648406	15.39289	-925.162	99.9347	151.9348	0.654445	14.26742
130.0025	0.644045	15.53137	-927.829	90.74916	142.1578	0.653	14.26742
130.1665	0.641046	15.39303	-927.829	92.85154	141.8569	0.651723	14.26742
130.3305	0.639318	15.35355	-927.829	81.48962	129.953	0.649085	14.17657
130.4945	0.640318	15.53124	-927.829	93.56393	145.8105	0.65119	14.14098

130.6585	0.640365	15.39316	-927.829	93.30638	146.6497	0.654275	14.17671
130.8225	0.639634	15.35355	-927.829	101.9123	162.1184	0.653088	14.14086
130.9865	0.639416	15.35355	-927.829	114.6982	178.4296	0.649452	14.35804
131.1505	0.635683	15.35355	-927.829	106.7491	165.5648	0.644816	14.3941
131.3145	0.637215	15.35355	-927.829	96.51663	152.5405	0.642363	14.17694
131.4785	0.644529	15.53087	-929.067	102.6491	159.7194	0.643273	14.23103
131.6425	0.650316	15.39352	-929.271	105	161.4601	0.643364	14.39427
131.8065	0.650053	15.53074	-926.385	103.9213	159.0913	0.641728	14.26742
131.9705	0.646739	15.57078	-931.744	99.78449	154.1336	0.638457	14.17714
132.1345	0.645891	15.39366	-930.51	100.5081	156.6741	0.640177	14.14041
132.2985	0.65189	15.1765	-929.062	105.3546	161.167	0.642	14.35757
132.4625	0.653798	15.4903	-929.281	106.6521	165.7861	0.642	14.39454
132.6265	0.648686	15.39387	-925.144	114.6388	172.8662	0.639462	14.17735
132.7905	0.648314	15.35355	-929.058	93.07211	142.1792	0.63356	14.2302
132.9545	0.648372	15.35355	-929.286	87.07072	135.0662	0.63734	14.39471
133.1185	0.648882	15.53033	-926.37	90.35848	138.803	0.646704	14.35729
133.2825	0.655507	15.39407	-929.291	91.63007	142.3098	0.65	14.39482
133.4465	0.658809	15.35355	-923.914	105.2132	159.861	1.063557	14.26742
133.6105	0.652436	15.35355	-926.363	103.6571	157.1683	-99999	-99999
133.7745	0.650564	15.35355	-930.52	92.01907	139.335	0.647	14.35709
133.9385	0.65275	15.53006	-926.606	89.50473	143.3162	0.648898	14.39504
134.1025	0.650936	15.39434	-923.914	113.9937	170.1147	0.655058	14.35699
134.2665	0.651442	15.52989	-925.134	93.72009	148.0718	0.655472	14.39514
134.4305	0.647377	15.39445	-929.048	110.7677	167.9984	0.653368	14.35686
134.5945	0.644755	15.17728	-930.525	96.2693	150.2538	0.649843	14.48465
134.7585	0.641067	15.48875	-926.611	103.7462	163.8783	0.648	14.39534
134.9225	0.641175	15.39463	-923.914	114.2109	178.2841	0.647369	14.17815
135.0865	0.64569	15.52963	-923.914	111.4192	169.9226	0.652046	14.13944
135.2505	0.64438	15.39471	-925.129	95.68567	146.7777	0.656261	14.3566
135.4145	0.64207	15.52956	-926.615	90.15495	142.7683	0.655109	14.30643
135.5785	0.639071	15.39483	-923.914	99.89976	154.7439	0.65274	14.0502
135.7425	0.636691	15.35355	-925.126	94.09719	149.3637	0.650741	14.2282
135.9065	0.637237	15.35355	-926.619	101.5812	159.1012	0.648741	14.39567
136.0705	0.641236	15.52934	-925.123	98.74542	153.0721	0.649258	14.35631
136.2345	0.644309	15.57078	-926.62	91.90968	141.105	0.646855	14.39582
136.3985	0.644692	15.39511	-925.122	84.41746	131.2531	0.643114	14.35618
136.5625	0.645849	15.35355	-926.622	86.20842	133.6346	0.640115	14.30721
136.7265	0.650308	15.35355	-923.914	87.62412	135.2014	0.639628	14.13887
136.8905	0.651308	15.17805	-925.118	91.2468	141.0144	0.640628	14.26742
137.0545	0.651385	15.48722	-927.829	98.2851	152.5828	0.640372	14.26742
137.2185	0.649386	15.3954	-926.626	114.2601	181.365	0.64	14.3559
137.3825	0.647386	15.35355	-925.116	130.6081	193.2138	0.637492	14.39621
137.5465	0.647533	15.5288	-925.428	91.55005	144.7193	0.635373	14.26742
137.7105	0.650387	15.39556	-922.398	109.6195	169.0087	0.639387	14.35575
137.8745	0.649919	15.52872	-927.829	107.4583	161.9973	0.647011	14.30812
138.0385	0.651694	15.39568	-929.027	89.79387	137.6317	0.650626	14.13839
138.2025	0.650694	15.35355	-930.547	91.05829	141.4788	0.649123	14.26742

138.3665	0.650611	15.52852	-927.829	96.94476	147.4824	0.645498	14.26742
138.5305	0.652	15.39582	-927.829	92.90034	145.394	0.647753	14.26742
138.6945	0.652915	15.35355	-927.829	102.2539	152.3744	0.653751	14.26742
138.8585	0.655914	15.35355	-926.636	83.89335	130.7661	0.651626	14.17949
139.0225	0.654956	15.52832	-923.914	98.38618	149.7534	0.648376	14.22598
139.1865	0.645567	15.57078	-925.105	92.73116	141.1091	0.648624	14.39678
139.3505	0.641216	15.39609	-927.829	83.26495	132.3138	0.647752	14.26742
139.5145	0.644911	15.35355	-927.829	94.77693	146.0427	0.650743	14.17972
139.6785	0.645483	15.35355	-930.204	93.25664	146.9917	0.657988	14.22546
139.8425	0.640788	15.35355	-934.472	104.5774	162.098	0.656638	14.30946
140.0065	0.638	15.35355	-930.559	94.33262	144.2595	0.650885	14.0502
140.1705	0.638908	15.35355	-927.829	79.44566	126.9763	0.652114	14.1377
140.3345	0.641302	15.17921	-929.013	96.03937	152.0831	0.65151	14.17999
140.4985	0.642	15.48487	-929.378	106.9884	165.8715	0.651867	14.0502
140.6625	0.642604	15.39657	-925.096	102.394	158.8799	0.64989	14.13752
140.8265	0.643699	15.35355	-927.829	104.2359	165.199	0.646756	14.26742
140.9905	0.643	15.35355	-927.829	113.1429	169.9067	0.643514	14.18019
141.1545	0.645108	15.1795	-929.008	85.42257	134.989	0.640136	14.13735
141.3185	0.651504	15.31032	-930.566	96.38671	145.9877	0.643346	14.35451
141.4825	0.654099	15.35355	-925.476	91.41936	143.9234	0.645379	14.3976
141.6465	0.651099	15.35355	-921.174	108.1901	162.4521	0.643759	14.26742
141.8105	0.6481	15.35355	-926.263	90.60134	141.0401	0.641139	14.26742
141.9745	0.646	15.52734	-929.396	97.2001	150.619	0.63814	14.26742
142.1385	0.647498	15.39705	-925.087	96.80119	148.5925	0.63638	14.26742
142.3025	0.651299	15.35355	-926.657	97.5859	154.1088	0.638478	14.26742
142.4665	0.651402	15.35355	-923.914	117.0133	177.3206	0.642477	14.18068
142.6305	0.65	15.17999	-925.083	101.8181	154.1862	0.644619	14.0502
142.7945	0.649702	15.30982	-927.829	87.8076	134.2262	0.644381	14.0502
142.9585	0.649597	15.35355	-926.661	84.98428	132.3528	0.64771	14.13672
143.1225	0.652787	15.35355	-925.08	92.60375	141.5616	0.651236	14.26742
143.2865	0.656405	15.35355	-927.829	93.76945	144.9953	0.651382	14.35388
143.4505	0.652026	15.52683	-927.829	103.8146	158.278	0.650382	14.39826
143.6145	0.645892	15.39755	-927.829	101.3702	158.7827	0.648765	14.26742
143.7785	0.647406	15.35355	-927.829	107.4503	163.1784	0.646766	14.18116
143.9425	0.646	15.52665	-927.829	94.18142	146.7185	0.649084	14.22263
144.1065	0.645407	15.39775	-927.829	101.949	160.2952	0.649767	14.39846
144.2705	0.643704	15.18054	-928.988	109.2875	166.0456	0.65085	14.26742
144.4345	0.642704	15.48225	-931.744	92.35551	145.5676	0.651384	14.26742
144.5985	0.641704	15.3979	-929.429	99.64907	153.4161	0.650384	14.26742
144.7625	0.640705	15.35355	-925.071	94.30333	150.6245	0.651231	14.26742
144.9265	0.64059	15.35355	-927.829	109.4621	168.8654	0.652	14.35331
145.0905	0.642295	15.35355	-927.829	99.58494	155.5103	0.653845	14.31299
145.2545	0.641527	15.35355	-927.829	102.3898	159.9216	0.656844	14.22172
145.4185	0.639472	15.35355	-927.829	101.47	156.6841	0.651855	14.39895
145.5825	0.642706	15.52608	-927.829	93.1374	146.628	0.643086	14.18177
145.7465	0.642294	15.22585	-927.829	100.836	156.0645	0.642456	14.13582
145.9105	0.645642	15.13633	-927.829	95.22497	146.8941	0.645842	14.0963

146.0745	0.653174	15.13633	-926.68	93.16219	143.5361	0.643932	13.91846
146.2385	0.654535	15.13633	-923.914	97.61337	148.8261	0.639547	14.22102
146.4025	0.650414	15.65307	-923.914	95.42097	146.245	0.638	14.48465
146.5665	0.650755	15.27145	-923.914	96.08331	150.0583	0.639838	14.3993
146.7305	0.654123	15.3085	-923.914	105.7282	159.0153	0.641613	14.18214
146.8945	0.652	15.35355	-926.202	91.4228	139.7599	0.642	14.22062
147.0585	0.652292	15.35355	-929.458	91.49725	142.2529	0.643224	14.3995
147.2225	0.650959	15.52554	-925.056	99.50671	150.828	0.643388	14.35253
147.3865	0.646874	15.39886	-927.829	89.95743	139.8294	0.643612	14.31449
147.5505	0.649873	15.18165	-927.829	95.14744	147.3227	0.647057	14.13521
147.7145	0.652291	15.48003	-926.69	99.0441	151.078	0.652666	14.35237
147.8785	0.653	15.39899	-925.052	93.28212	141.4763	0.653168	14.39977
148.0425	0.65242	15.35355	-927.829	90.37962	142.0703	0.650169	14.26742
148.2065	0.65042	15.52517	-927.829	108.6198	166.6909	0.647169	14.18264
148.3705	0.64871	15.57078	-926.695	104.152	158.2371	0.646	14.13491
148.5345	0.648579	15.39922	-925.048	92.75923	143.6309	0.649049	14.26742
148.6985	0.649711	15.18207	-927.829	98.65304	153.9986	0.651609	14.26742
148.8625	0.647555	15.47917	-927.829	108.8648	167.1794	0.650782	14.26742
149.0265	0.641691	15.39942	-927.829	102.6778	158.8998	0.65	14.26742
149.1905	0.820615	15.35355	-927.829	113.4121	150.1171	0.649391	14.26742
149.3545	1.093748	15.18226	-927.829	171.7418	155.9034	0.650217	14.26742
149.5185	0.644	-99999	-927.829	119	184.7826	0.654649	14.1831
149.6825	-99999	15.35355	-99999	-99999	-99999	0.655784	14.21872
149.8465	0.63985	15.35355	-927.829	99.68835	157.2224	0.648923	14.48465
150.0105	0.636713	15.35355	-926.705	109.0608	173.0174	0.646823	14.40048
150.1745	0.636861	15.52456	-925.038	113.1305	173.6038	0.646786	14.26742
150.3385	0.641868	15.39984	-927.829	96.48764	153.9436	0.646	14.26742
150.5025	0.649	15.18268	-928.95	116.1867	179.1779	0.644787	14.18343
150.6665	0.649858	15.47791	-930.624	114.3918	173.8971	0.643394	14.13415
150.8305	0.652	15.4	-927.829	101.8837	155.3448	0.642394	14.26742
150.9945	0.650285	15.35355	-927.829	93.28014	140.3202	0.641394	14.35124
151.1585	0.647142	15.35355	-928.947	84.98459	137.8709	0.640394	14.31714
151.3225	0.649715	15.35355	-930.627	115.7362	174.5903	0.641211	14.13391
151.4865	0.649854	15.35355	-926.714	94.40998	143.1498	0.642605	14.26742
151.6505	0.652	15.35355	-923.914	90.57486	145.1953	0.639976	14.18382
151.8145	0.651431	15.524	-926.142	123.2612	188.5999	0.641628	14.13374
151.9785	0.650853	15.23002	-930.631	115.0214	172.6243	0.642187	14.26742
152.1425	0.653852	15.13633	-926.718	96.31355	150.0239	0.642208	14.10056
152.3065	0.656284	15.30657	-925.024	111.3676	169.9975	0.649039	13.99978
152.4705	0.657	15.52378	-925.61	112.8165	171.5626	0.654207	14.26742
152.6345	0.655017	15.57078	-921.108	110.1652	166.634	0.652587	14.26742
152.7985	0.650283	15.57078	-925.022	103.4654	160.3321	0.649794	14.35063
152.9625	0.651848	15.40073	-927.829	109.0857	166.5908	0.652617	14.40148
153.1265	0.654282	15.35355	-927.829	107.3713	166.0821	0.653193	14.26742
153.2905	0.652462	15.35355	-928.933	116.1784	176.4955	0.652	14.26742
153.4545	0.644873	15.35355	-930.64	103.6295	156.9384	0.652602	14.3504
153.6185	0.641437	15.18374	-927.829	87.81774	140.1957	0.64939	14.40174

153.7825	0.640281	15.30607	-927.829	105.1815	164.4293	0.647601	14.26742
153.9465	0.642124	15.35355	-926.729	104.0069	160.2867	0.650405	14.18458
154.1105	0.644719	15.18389	-925.013	98.43781	155.6341	0.652601	14.13297
154.2745	0.644	15.13633	-927.829	109.1162	165.2515	0.653	14.26742
154.4385	0.642598	15.13633	-927.829	87.90289	137.5833	0.651799	14.18478
154.6025	0.63872	15.30581	-927.829	93.62244	147.9888	0.6498	14.1328
154.7665	0.637441	15.35355	-927.829	101.3599	159.3262	0.6484	14.18484
154.9305	0.637397	15.18417	-926.735	104.6168	165.5204	0.649799	14.13269
155.0945	0.642676	15.47499	-925.008	108.9471	166.9338	0.649202	14.26742
155.2585	0.647558	15.40151	-927.829	96.25496	149.7152	0.645603	14.26742
155.4225	0.648164	15.18435	-927.829	104.5056	163.4096	0.639209	14.26742
155.5865	0.646557	15.13633	-927.829	115.2853	177.6934	1.019199	14.18513
155.7505	0.649669	15.13633	-927.829	111.8216	171.9729	0.897706	14.0502
155.9145	0.654	15.30539	-928.918	107.4327	161.2186	0.644	13.96803
156.0785	0.654	15.18455	-930.656	92.42448	142.5425	0.642206	13.99717
156.2425	0.653167	15.30526	-927.829	102.0218	158.8174	0.639207	14.26742
156.4065	0.651	15.1847	-926.744	115.8226	177.7617	0.636208	14.26742
156.5705	0.650723	15.13633	-924.998	113.5836	173.319	0.637389	14.26742
156.7345	0.651107	15.3051	-926.745	111.7788	175.7633	0.644969	14.26742
156.8985	0.653447	15.35355	-923.914	127.9927	190.6495	0.649597	14.26742
157.0625	0.651172	15.52219	-923.914	95.59048	142.9319	0.650596	14.26742
157.2265	0.649552	15.57078	-924.994	79.57796	126.482	0.651596	14.26742
157.3905	0.652378	15.40222	-927.829	100.4725	153.5594	0.648424	14.26742
157.5545	0.656551	15.18505	-928.908	99.05463	151.7778	0.648383	14.26742
157.7185	0.658275	15.30476	-930.666	106.2811	163.4185	0.649405	14.18589
157.8825	0.657075	15.18518	-928.905	113.672	170.0536	0.650785	13.9687
158.0465	0.649803	15.30463	-930.669	101.4971	159.3488	0.652	13.91444
158.2105	0.643726	15.18528	-928.903	117.4764	182.028	0.650811	14.13158
158.3745	0.643274	15.30455	-929.596	111.3361	169.8297	0.651783	14.10478
158.5385	0.644822	15.35355	-924.987	96.43835	151.7052	0.654782	13.99547
158.7025	0.645632	15.18546	-926.758	106.9568	164.7225	0.656594	14.26742
158.8665	0.641453	15.47234	-924.984	103.7348	163.284	0.657	14.34859
159.0305	0.638635	15.23479	-927.829	109.0551	168.0663	0.652846	14.32244
159.1945	0.635546	15.30427	-928.898	96.21223	152.4777	0.650593	14.13123
159.3585	0.639181	15.18568	-930.676	100.2713	155.3568	0.653371	14.18645
159.5225	0.644455	15.30413	-927.829	93.72566	146.9922	0.654408	14.21205
159.6865	0.642728	15.18581	-927.829	104.7562	165.4786	0.649261	14.32284
159.8505	0.641728	15.13633	-927.829	112.8397	171.1566	0.643631	14.13103
160.0145	0.642087	15.47164	-927.829	91.78136	146.3203	0.640817	14.26742
160.1785	0.6469	15.23559	-927.829	107.2548	163.3866	0.641183	14.26742
160.3425	0.652813	15.13633	-927.829	99.65189	157.649	0.643182	14.26742
160.5065	0.652293	15.30379	-928.889	124.0936	187.571	0.644	14.26742
160.6705	0.646623	15.35355	-930.685	105.9029	160.144	0.644	14.18686
160.8345	0.650459	15.18616	-927.829	89.92516	141.7989	0.641047	14.13069
160.9985	0.64873	15.30365	-927.829	111.0443	173.0233	0.63841	14.26742
161.1625	0.64881	15.18629	-927.829	117.599	178.2063	0.63682	14.26742
161.3265	0.651809	15.13633	-926.774	102.8672	159.4875	0.638949	14.26742

161.4905	0.653461	15.13633	-924.968	112.678	173.0475	0.644538	14.26742
161.6545	0.653076	15.13633	-926.776	113.63	171.8798	0.648178	14.18723
161.8185	0.655194	15.30336	-923.914	102.6759	157.3262	0.647822	14.13032
161.9825	0.653269	15.18659	-923.914	104.3132	158.1562	0.647	14.26742
162.1465	0.655073	15.13633	-924.964	97.01022	148.9949	0.651119	14.1073
162.3105	0.65666	15.13633	-928.878	99.64637	149.5889	0.654588	13.91296
162.4745	0.825764	15.13633	-930.695	104.8065	137.4614	0.653824	14.13012
162.6385	1.12356	15.30309	-927.829	173.2371	147.5031	0.651825	14.26742
162.8025	0.646	-99999	-927.829	100	154.7988	0.651	14.26742
162.9665	-99999	15.57078	-99999	-99999	-99999	0.651	14.10783
163.1305	0.648467	15.23755	-927.829	101.5034	158.8516	0.652174	13.9127
163.2945	0.646467	15.30289	-927.829	111.1636	169.316	0.652413	14.12986
163.4585	0.644201	15.35355	-927.829	96.50061	149.3306	0.650241	14.26742
163.6225	0.641734	15.18714	-927.829	95.82774	151.042	0.650172	14.18789
163.7865	0.641266	15.13633	-927.829	104.0049	161.2562	0.65393	14.0502
163.9505	0.642796	15.469	-927.829	102.4776	162.6567	0.657172	14.12964
164.1145	0.644204	15.40449	-926.79	119.6689	185.4506	0.658585	14.26742
164.2785	0.64147	15.18733	-924.952	114.1994	174.4284	0.654904	14.26742
164.4425	0.64	15.46863	-927.829	96.64938	152.5738	0.647321	14.26742
164.6065	0.640793	15.23864	-927.829	103.519	160.1602	0.643415	14.18819
164.7705	0.644321	15.13633	-925.761	95.67139	148.1807	0.643584	14.12936
164.9345	0.649584	15.30233	-922.067	99.74878	158.8408	0.645752	14.26742
165.0985	0.653736	15.35355	-927.829	123.4284	183.5995	0.644081	14.10939
165.2625	0.651157	15.35355	-928.86	98.43485	154.4585	0.640833	13.83297
165.4265	0.646	15.18777	-930.714	111.2655	167.758	0.637083	13.83297
165.5905	0.647577	15.3021	-927.829	90.09707	142.0081	0.636749	13.99074
165.7545	0.652	15.35355	-926.8	108.4443	168.6213	0.641497	14.18861
165.9185	0.652525	15.1879	-924.942	113.8435	167.7777	0.643418	14.0502
166.0825	0.653214	15.13633	-928.855	80.08453	125.5297	0.643	13.97149
166.2465	0.648905	15.13633	-930.719	95.35184	146.317	0.641254	13.91165
166.4105	0.644831	15.30183	-927.829	92.80891	144.6885	0.64291	14.12881
166.5745	0.651046	15.1881	-927.829	100.7199	158.1893	0.649071	14.26742
166.7385	0.654522	15.13633	-928.852	116.61	174.9781	0.653744	14.26742
166.9025	0.654957	15.30163	-930.723	103.1872	161.5574	0.649191	14.189
167.0665	0.652261	15.35355	-927.829	122.2687	184.8608	0.648484	14.12858
167.2305	0.65274	15.51876	-927.829	106.8771	162.6627	0.649839	14.26742
167.3945	0.65278	15.40562	-927.829	98.5946	148.7659	0.64842	14.26742
167.5585	0.65448	15.18846	-926.812	88.40083	137.371	0.65032	14.26742
167.7225	0.651183	15.13633	-924.93	101.1598	155.5075	0.65258	14.18928
167.8865	0.645222	15.13633	-928.844	104.0728	163.3268	0.653	14.0502
168.0505	0.641705	15.30127	-930.73	109.906	166.2213	0.654159	14.12825
168.2145	0.638777	15.18866	-926.815	83.7957	131.9561	0.653842	14.26742
168.3785	0.641776	15.13633	-924.927	90.70018	143.947	0.653579	14.1895
168.5425	0.644	15.30107	-927.829	104.8415	162.6425	0.656313	14.12806
168.7065	0.643226	15.18888	-926.819	105.7396	166.112	0.655109	14.11174
168.8705	0.640742	15.13633	-924.923	113.2632	175.0501	1.025838	13.98851
169.0345	0.640515	15.13633	-927.829	102.4216	158.3567	0.921314	14.26742

169.1985	0.642772	15.30087	-927.829	92.10955	141.4548	0.646	14.26742
169.3625	0.646285	15.18907	-926.823	86.71696	138.7428	0.647731	14.26742
169.5265	0.650257	15.13633	-924.919	109.6461	166.3247	0.647846	14.26742
169.6905	0.651	15.13633	-927.829	99.19337	154.5174	0.645846	14.26742
169.8545	0.650487	15.46502	-928.833	109.1205	165.9007	0.64327	14.18998
170.0185	0.649	15.24222	-930.741	97.90578	149.7801	0.641424	14.12757
170.1825	0.649767	15.13633	-927.829	95.90029	151.3979	0.641576	14.19009
170.3465	0.652	15.13633	-928.829	115.2889	175.14	0.643727	14.12747
170.5105	0.651235	15.13633	-929.746	105.3788	161.1961	0.643849	14.26742
170.6745	0.648745	15.13633	-924.913	101.0685	154.8653	0.640699	14.26742
170.8385	0.648	15.30031	-927.829	95.69011	147.3619	0.639575	14.11327
171.0025	0.648509	15.35355	-926.833	97.40205	153.5595	0.641724	13.91
171.1665	0.650762	15.35355	-924.909	114.9197	175.5291	0.645872	14.12721
171.3305	0.654016	15.18972	-927.829	103.6074	153.1384	0.651445	14.11353
171.4945	0.655985	15.13633	-927.829	79.85307	127.5785	0.653426	13.90985
171.6585	0.652747	15.30004	-928.821	110.3091	167.3058	0.648985	14.12701
171.8225	0.651494	15.1899	-931.744	101.7671	156.9764	0.646	14.26742
171.9865	0.65	15.13633	-929.764	105.847	162.688	0.649439	14.26742
172.1505	0.650253	15.46342	-925.892	104.5417	160.3118	0.652	14.19076
172.3145	0.650495	15.24378	-930.755	102	156.804	0.653145	14.0502
172.4785	0.646982	15.29976	-927.829	102.9146	160.0204	0.652283	14.12673
172.6425	0.640748	15.19018	-927.829	106.3267	164.2234	0.646424	14.26742
172.8065	0.640755	15.13633	-927.829	97.15174	151.7758	0.647003	14.19098
172.9705	0.643754	15.13633	-926.845	98.45444	153.3997	0.652858	14.12658
173.1345	0.646251	15.13633	-924.898	98.27419	149.2969	0.655	14.19111
173.2985	0.645746	15.13633	-927.829	85.11581	134.0068	0.653858	14.12644
173.4625	0.640998	15.13633	-927.829	96.09505	148.9709	0.652429	14.26742
173.6265	0.638751	15.13633	-928.809	91.60207	144.0281	0.652	14.11506
173.7905	0.642	15.29931	-930.765	99.50549	159.6041	0.653711	13.90907
173.9545	0.6455	15.19062	-927.829	119.2948	178.97	0.65386	14.12623
174.1185	0.646002	15.2992	-927.829	87.74916	136.6166	0.649012	14.26742
174.2825	0.644496	15.19075	-926.853	91.85047	142.3654	0.644292	14.11558
174.4465	0.649	15.13633	-925.864	93.53677	146.7383	0.640154	13.90887
174.6105	0.650244	15.13633	-930.77	105.6166	160.007	0.639707	14.12603
174.7745	0.654249	15.13633	-926.855	91.1065	138.3412	0.642706	14.11589
174.9385	0.655	15.13633	-925.859	91.64724	145.7086	0.644	13.98437
175.1025	0.654008	15.13633	-930.773	120.144	179.6931	0.642295	14.26742
175.2665	0.650504	15.2988	-928.799	96.66799	147.2164	0.640432	14.19179
175.4305	0.649	15.19113	-929.807	87.6717	133.7032	0.641136	14.0502
175.5945	0.650237	15.13633	-924.882	82.95087	130.5971	0.643702	14.0502
175.7585	0.654	15.29863	-927.829	99.55829	151.772	0.647836	14.0502
175.9225	0.65326	15.19131	-926.863	98.02853	151.1396	0.650567	14.12556
176.0865	0.650754	15.13633	-924.879	103.2669	157.9193	0.651	14.19209
176.2505	0.650246	14.97417	-927.829	99.14637	152.6283	0.649867	14.12547
176.4145	0.651492	15.08121	-927.829	97.51251	147.0869	0.649	14.19222
176.5785	0.653	15.29837	-925.904	85.04425	132.3756	0.650698	14.0502
176.7425	0.653737	15.19158	-922.882	97.29143	149.1269	0.652566	14.12529

176.9065	0.654039	15.13633	-931.744	96.96429	146.0741	0.650173	14.26742
177.0705	0.646776	15.13633	-929.826	89.06197	142.0864	0.648	14.19243
177.2345	0.643245	15.13633	-923.914	107.9241	162.3669	0.648	14.0502
177.3985	0.644734	15.29809	-924.871	79.30249	124.3819	0.649129	13.97534
177.5625	0.645291	15.19186	-927.829	89.16624	140.5494	0.651693	13.90778
177.7265	0.639756	15.13633	-928.784	102.4323	160.5809	0.655257	14.12498
177.8905	0.639487	15.13633	-929.836	103.8492	161.1532	0.654744	14.1927
178.0545	0.641	15.13633	-923.914	97.86283	153.6062	0.652436	14.12485
178.2185	0.640757	15.29782	-924.867	101.565	156.9462	0.650873	14.26742
178.3825	0.640729	15.19212	-928.78	93.1432	145.5257	0.650563	14.11833
178.5465	0.642757	15.13633	-930.794	92.85749	143.2219	0.650437	13.98199
178.7105	0.642727	15.29765	-928.778	87.99573	139.0661	0.649437	14.19298
178.8745	0.645242	15.19229	-930.796	99.43027	153.4808	0.644501	14.12455
179.0385	0.646726	15.13633	-927.829	95.00511	145.8314	0.640438	14.26742
179.2025	0.65045	15.29746	-926.883	91.41097	143.1013	0.641685	14.11892
179.3665	0.655	15.19249	-924.859	103.5942	155.5692	0.645246	13.9072
179.5305	0.654036	14.97528	-927.829	89.28251	136.8197	0.646439	14.12436
179.6945	0.805239	15.0801	-927.829	106.3921	143.4321	0.643756	14.11924
179.8585	1.136957	15.13633	-927.829	188.1639	160.5193	0.639757	13.907
180.0225	0.651	-99999	-927.829	116	178.1874	0.640242	13.97621
180.1865	-99999	15.35355	-99999	-99999	-99999	0.643121	13.98089
180.3505	0.655	15.19277	-926.89	102.3196	154.3844	0.645681	14.19353
180.5145	0.655	15.29704	-923.914	94.51846	147.0452	0.644761	13.97638
180.6785	0.653324	15.1929	-923.914	107.9059	162.8317	0.646357	13.90672
180.8425	0.649674	15.13633	-923.914	95.69652	148.0555	0.649	14.0502
181.0065	0.655716	15.13633	-924.849	99.16647	150.3289	0.651795	14.0502
181.1705	0.658	15.13633	-927.829	93.16804	140.6826	0.655118	13.9766
181.3345	0.657046	15.13633	-926.896	88.97032	136.4853	0.654883	13.9065
181.4985	0.653048	15.13633	-924.846	93.8935	142.5423	0.652884	14.12366
181.6625	0.648811	14.97602	-926.898	84.92989	128.5628	0.649768	14.194
181.8265	0.644763	15.07933	-924.844	75.71796	121.6259	0.648558	13.9768
181.9905	0.796793	15.13633	-927.829	114.668	156.4898	0.651788	13.9063
182.1545	1.135017	15.13633	-927.829	197.1993	162.2983	0.654	13.97693
182.3185	0.643	-99999	-927.829	98	152.4106	0.652886	13.97933
182.4825	-99999	15.13633	-99999	-99999	-99999	0.65033	14.19428
182.6465	0.640236	15.13633	-927.829	90.50046	143.0645	0.650113	14.12331
182.8105	0.641708	15.13633	-925.981	100.5446	157.3003	0.652113	14.26742
182.9745	0.644	15.29621	-921.846	101.278	154.165	0.653	14.12146
183.1385	0.643529	15.19373	-927.829	84.40739	131.6314	0.654667	13.83297
183.3025	0.640118	15.13633	-926.908	88.89686	141.1117	0.651557	13.90584
183.4665	0.635645	15.13633	-924.834	101.1352	159.2638	0.645779	14.12305
183.6305	0.642643	15.13633	-927.829	101.5952	157.6361	0.643445	14.19464
183.7945	0.649643	14.9767	-927.829	98.05585	149.8867	0.645219	13.97748
183.9585	0.654063	15.23814	-927.829	92.94095	143.1785	0.64312	13.90559
184.1225	0.650532	15.1941	-926.913	98.06119	149.6605	0.639446	14.0502
184.2865	0.648766	15.13633	-924.829	92.40144	142.8891	0.640108	14.0502
184.4505	0.648934	14.97695	-927.829	96.73611	151.048	0.641	14.0502

184.6145	0.652933	15.07842	-927.829	104.7959	156.8734	0.640447	14.0502
184.7785	0.655767	15.13633	-928.741	85.46521	132.0071	0.641659	14.0502
184.9425	0.654302	15.13633	-930.833	94.46841	143.7659	0.643	13.97789
185.1065	0.651071	15.13633	-927.829	93.51923	146.5843	0.644105	13.97754
185.2705	0.647768	15.13633	-928.738	107.2212	162.2792	0.645	14.26742
185.4345	0.64816	15.29538	-930.835	91.11657	143.0082	0.647209	14.19527
185.5985	0.652695	15.19456	-927.829	104.736	160.1643	0.652311	14.0502
185.7625	0.655463	15.13633	-926.923	101.4208	152.9149	0.655	14.0502
185.9265	0.656538	15.13633	-924.819	90.60612	137.5477	0.652795	14.1222
186.0905	0.654769	15.13633	-928.733	88.13103	134.7515	1.003762	14.19548
186.2545	0.653769	15.2951	-930.84	91.88175	143.9087	0.938434	14.0502
186.4185	0.652539	15.19484	-927.829	108.125	162.3165	0.651	13.97839
186.5825	0.65031	15.13633	-928.73	90.82529	141.8311	0.653201	13.97649
186.7465	0.647541	15.13633	-929.945	102.22	156.9295	0.655	14.12397
186.9105	0.645541	15.13633	-924.813	95.83242	147.0539	0.655	13.90463
187.0745	0.643312	14.97783	-929.626	91.1126	145.3847	0.651703	14.12179
187.2385	0.641229	15.23596	-932.967	109.5417	167.8822	0.651746	14.12437
187.4025	0.642229	15.19521	-925.705	93	144.8083	0.656196	13.90443
187.5665	0.642315	15.13633	-930.849	91.3269	140.1483	0.658549	13.97875
187.7305	0.64	15.13633	-928.723	81.02747	127.8531	0.656257	13.90435
187.8945	0.640228	15.13633	-930.851	87.22963	135.3152	0.651259	14.1215
188.0585	0.641228	15.29447	-927.829	82.38427	128.9445	0.646808	14.19618
188.2225	0.64291	15.19547	-927.829	87.55569	139.2577	0.644452	13.979
188.3865	0.795086	15.13633	-927.829	116.6006	159.8113	0.997165	13.90415
188.5505	1.154431	15.13633	-927.829	184.5508	153.2709	0.934848	14.0502
188.7145	0.652	-99999	-927.829	106	162.5767	0.642	14.12124
188.8785	-99999	14.9191	-99999	-99999	-99999	0.640907	14.19644
189.0425	0.648095	15.07691	-930.858	111.2031	166.9165	0.640546	13.97926
189.2065	0.647259	15.13633	-926.945	86.89159	136.5016	0.642639	13.97473
189.3705	0.654323	15.13633	-924.798	99.87416	152.4842	0.644	14.1258
189.5345	0.651549	15.29398	-928.712	97.74199	148.4753	0.642909	13.90372
189.6985	0.649549	15.19597	-930.862	91.88641	145.0144	0.638182	14.12088
189.8625	0.648225	14.97881	-927.829	112	172.7796	0.637725	14.26742
190.0265	0.650123	15.07655	-927.829	110.7511	168.8414	0.64436	14.26742
190.1905	0.656244	15.13633	-927.829	102.6231	157.1262	0.651813	14.26742
190.3545	0.662429	15.13633	-927.829	106.1279	159.1393	0.652822	14.26742
190.5185	0.656104	14.97901	-928.706	100.3728	153.4453	0.649912	14.19701
190.6825	0.653	15.07635	-932.62	102.1322	155.3349	0.648456	14.12057
190.8465	0.652553	15.13633	-933.91	93.77541	140.9384	0.650718	14.12676
191.0105	0.651446	15.13633	-927.829	79.97314	125.2012	0.654087	13.83297
191.1745	0.651885	15.13633	-927.829	92.39732	139.7236	0.655543	13.83297
191.3385	0.647777	15.13633	-927.829	82.35276	128.8304	0.653286	13.9031
191.5025	0.645665	15.13633	-926.958	93.10406	145.6143	0.649372	14.0502
191.6665	0.641444	15.13633	-924.784	99.77632	154.0025	0.648	14.0502
191.8305	0.64411	15.13633	-927.829	91.6105	142.9941	0.649627	14.1202
191.9945	0.647556	15.13633	-927.829	94.77937	144.8157	0.65371	14.26742
192.1585	0.645114	15.13633	-926.962	88.06988	139.1771	0.656	14.26742

192.3225	0.641779	14.97962	-925.646	101.2997	155.6595	0.656	14.1976
192.4865	0.641221	15.07571	-931.744	89.60497	140.5173	0.654377	14.0502
192.6505	0.642221	14.97974	-930.88	95.32799	150.1401	0.653	13.98049
192.8145	0.643882	15.07564	-926.966	101.3793	152.8515	0.651919	13.90261
192.9785	0.647	15.13633	-923.914	75.96307	118.642	0.64992	14.0502
193.1425	0.647	14.97992	-924.775	84.56104	132.7021	0.64684	13.98067
193.3065	0.647	15.07544	-927.829	95.28136	146.341	0.64446	13.90247
193.4705	0.647877	15.13633	-926.97	90.11951	139.253	0.642381	14.0502
193.6345	0.651219	15.13633	-924.772	90.64159	138.7291	0.642079	14.0502
193.7985	0.652	15.13633	-926.972	87.88084	134.6335	0.643	13.98089
193.9625	0.651344	14.98018	-924.77	87.23772	134.2442	0.641384	13.83297
194.1265	0.649	15.07518	-927.829	89.11855	137.4705	0.639461	13.83297
194.2905	0.649	15.13633	-927.829	89.40896	136.9952	0.640077	13.97128
194.4545	0.649872	15.13633	-927.829	86.65441	135.4688	0.641538	14.19833
194.6185	0.652782	15.13633	-927.829	97.34986	146.985	0.644689	14.11922
194.7825	0.651348	15.29217	-927.829	85.8224	132.8425	0.998985	14.26742
194.9465	0.649651	15.19777	-927.829	92.5859	143.2789	0.952256	14.26742
195.1105	0.651567	15.13633	-927.829	95.36325	144.2042	0.651	14.19855
195.2745	0.650867	15.13633	-926.981	82.88313	127.1918	0.649927	14.119
195.4385	0.654649	15.13633	-924.761	85.14739	134.1497	0.647391	14.26742
195.6025	0.656784	15.13633	-927.829	107.7211	162.3374	0.650289	14.19873
195.7665	0.655784	15.13633	-927.829	96.14465	144.1693	0.652928	14.0502
195.9305	0.654354	15.13633	-927.829	84.08105	131.2624	0.650928	13.9816
196.0945	0.650062	15.13633	-927.829	97.57285	146.8029	0.648929	13.97002
196.2585	0.64343	15.13633	-926.987	81.42074	129.7816	0.648535	14.19896
196.4225	0.645644	15.29162	-924.755	100.4599	156.2103	0.651674	14.0502
196.5865	0.646928	15.04309	-926.989	102.2801	155.7588	0.659347	14.0502
196.7505	0.642572	15.07431	-926.43	91.74542	146.5265	0.660258	14.0502
196.9145	0.640786	15.13633	-934.82	111.9708	173.3346	0.654863	14.0502
197.0785	0.639786	15.13633	-930.907	102.5173	158.204	0.653	14.0502
197.2425	0.640495	15.13633	-926.993	89.40754	137.4528	0.651933	14.11834
197.4065	0.646853	15.13633	-923.914	76.54623	117.7265	0.652601	14.19929
197.5705	0.649148	15.13633	-925.582	75.94246	121.0281	0.650267	14.11826
197.7345	0.646	15.13633	-930.911	98.09612	150.6158	0.647	14.19946
197.8985	0.646637	15.13633	-927.829	89.98589	137.7822	0.643805	14.0502
198.0625	0.650273	15.13633	-928.66	83.68562	130.9613	0.642597	14.11805
198.2265	0.654788	15.13633	-930.914	97	148.1396	0.645596	14.13176
198.3905	0.654212	14.98168	-927.829	96.21741	146.0086	0.646468	13.83297
198.5545	0.653942	15.0737	-927.001	89.77647	136.9773	0.644405	13.83297
198.7185	0.649578	15.13633	-925.568	90.78647	143.6228	0.641937	13.96823
198.8825	0.648211	15.13633	-930.092	111.6662	170.4258	0.641	14.19984
199.0465	0.649632	15.13633	-925.563	102.441	159.673	0.642593	14.11776
199.2105	0.652421	15.13633	-930.097	112.2308	169.5869	0.645062	14.26742
199.3745	0.653159	15.13633	-924.737	98.77327	152.3052	0.64653	14.20001
199.5385	0.65021	15.13633	-927.007	104.6695	160.5189	0.647	14.0502
199.7025	0.651	15.13633	-925.556	101.5606	155.3939	0.647	14.0502
199.8665	0.651837	15.13633	-930.924	97.45224	148.7472	0.649119	13.98291

200.0305	0.656045	15.13633	-928.648	93.43712	143.0271	0.652059	13.83297
200.1945	0.659373	15.13633	-930.107	97.87397	149.6553	0.652471	13.90012
200.3585	0.789125	15.29031	-925.548	112.1901	154.1276	0.650414	13.98311
200.5225	1.155984	15.19963	-930.928	161.9832	133.2781	0.649	13.90001
200.6865	0.647	-99999	-927.829	88	136.0124	0.649	14.0502
200.8505	-99999	15.35355	-99999	-99999	-99999	0.651113	14.0502
201.0145	0.649585	15.19978	-927.829	80.05104	126.168	0.651944	14.0502
201.1785	0.647171	15.29001	-927.829	97.21513	150.5281	0.649945	14.0502
201.3425	0.643793	15.35355	-927.829	98.03464	150.8782	0.650582	13.98346
201.5065	0.643207	15.2	-927.829	90.64175	141.8502	0.650946	13.89969
201.6705	0.644207	14.98279	-927.829	97.06685	152.2222	0.652107	14.11685
201.8345	0.645207	15.07259	-927.829	104.1869	158.856	0.65558	14.13425
201.9985	0.645794	15.13633	-927.829	89.21269	138.4541	0.656474	13.83297
202.1625	0.644383	14.98297	-927.829	91.74229	143.4652	0.656	13.89944
202.3265	0.642411	15.07239	-926.22	96.30821	147.4444	0.653897	14.0502
202.4905	0.644205	14.98305	-921.606	82.94917	130.153	0.646744	14.11658
202.6545	0.646231	14.9191	-926.222	91.21086	141.4489	0.643576	14.2011
202.8185	0.652024	15.07224	-921.603	94.36565	146.6934	0.646575	14.0502
202.9825	0.655796	15.13633	-929.43	104.43	156.9536	0.645377	13.98402
203.1465	0.654592	14.98333	-934.06	88.80836	132.4529	0.641951	13.96528
203.3105	0.652388	15.07207	-927.829	71.97771	113.2588	0.640476	14.26742
203.4745	0.650408	15.13633	-928.627	88.68782	135.8995	0.64	14.2014
203.6385	0.652611	15.13633	-930.947	86.31126	132.7111	0.643142	13.98424
203.8025	0.654797	15.28912	-927.829	90.75862	141.203	0.64757	13.89888
203.9665	0.653594	15.20082	-927.035	105.3811	160.313	0.647954	14.0502
204.1305	0.650987	15.13633	-924.708	99.17705	151.1083	0.645954	14.0502
204.2945	0.648216	14.98366	-927.829	92.92554	144.7227	0.647091	14.0502
204.4585	0.653607	15.0717	-930.205	100.6924	153.6024	0.652135	14.0502
204.6225	0.655394	14.98381	-937.202	95.54837	142.1069	0.654478	14.0502
204.7865	0.653	14.9191	-927.829	77.36092	123.5128	0.654522	13.98459
204.9505	0.652597	14.9191	-927.829	106.4921	162.4137	0.652391	13.89851
205.1145	0.651	14.9191	-927.829	100.68	152.6617	0.648957	14.0502
205.2785	0.650799	15.07141	-928.616	88.49382	135.2087	0.648521	14.11561
205.4425	0.650401	15.13633	-930.172	86.6242	137.1553	0.651083	14.13669
205.6065	0.650998	14.98415	-924.699	107.9875	162.7778	0.653	13.83297
205.7705	0.6466	14.9191	-927.829	90.90316	141.9829	0.651438	13.89825
205.9345	0.643799	15.07121	-927.829	99.60192	155.6557	0.65052	14.0502
206.0985	0.637801	15.13633	-927.829	102.5996	157.055	0.65152	14.0502
206.2625	0.635392	14.98438	-927.829	83.19026	134.2868	0.653039	14.0502
206.4265	0.645398	15.07098	-927.829	101.9082	156.2077	0.657116	14.11524
206.5905	0.646205	15.13633	-927.829	92.79182	144.8439	0.658443	14.20244
206.7545	0.642801	15.13633	-927.829	101.2863	159.5933	0.985947	14.11511
206.9185	0.642198	14.98458	-927.829	110.7312	168.8604	0.956543	14.26742
207.0825	0.644387	14.9191	-927.829	90.09834	139.9751	0.646	14.13782
207.2465	0.651385	15.07072	-927.829	90.90197	139.4038	0.648072	13.83297
207.4105	0.656605	14.98473	-927.829	90.19551	137.6722	0.648964	13.76826
207.5745	0.654407	14.9191	-927.056	93.17272	144.2209	0.64593	13.74504

207.7385	0.651803	15.07058	-924.686	105.3639	163.7986	0.643483	13.98561
207.9025	0.650606	15.13633	-928.6	115.671	174.0909	0.644034	13.76845
208.0665	0.649983	14.98499	-930.205	91.7751	137.7093	0.645	13.74474
208.2305	0.653215	15.07042	-925.451	73.1221	115.337	0.645	14.11463
208.3945	0.650392	14.98506	-930.976	93.19286	143.5927	0.645	14.20306
208.5585	0.651804	14.9191	-927.829	93.26976	140.3325	0.643452	13.9859
208.7225	0.650805	14.9191	-927.829	78.24466	122.2257	0.643031	13.96144
208.8865	0.650781	14.9191	-928.593	90	138.2962	0.644516	14.13899
209.0505	0.65478	14.9191	-930.217	89.04839	134.4884	0.648092	13.89712
209.2145	0.65761	14.9191	-924.677	82.28319	128.784	0.653575	14.0502
209.3785	0.655611	14.9191	-927.067	102.7672	154.7625	0.655485	13.98618
209.5425	0.653806	15.06995	-924.675	89.67669	135.0193	0.653971	13.89694
209.7065	0.653388	14.98555	-928.588	77.84727	120.5121	0.651457	14.0502
209.8705	0.655387	14.9191	-930.986	86.46932	132.6943	0.651028	14.0502
210.0345	0.656226	14.9191	-927.071	91.28151	139.5622	0.653541	14.0502
210.1985	0.65184	14.9191	-923.914	94	144.2091	0.654487	14.0502
210.3625	0.644877	14.9191	-924.67	93.72032	144.8605	0.652974	14.0502
210.5265	0.637156	14.9191	-927.829	89.04868	136.5206	0.649948	14.0502
210.6905	0.642385	14.9191	-927.829	71.76022	114.6473	0.650051	14.0502
210.8545	0.644385	14.9191	-927.829	88.53693	136.6273	0.65405	14.0502
211.0185	0.645424	15.06947	-928.581	84.09231	130.4462	0.654463	14.0502
211.1825	0.642808	15.13633	-930.242	85.27602	133.1286	0.653512	14.0502
211.3465	0.641617	14.98612	-925.412	89.92249	143.4317	0.652465	13.98682
211.5105	0.640573	15.06929	-931.744	109.4564	171.6466	0.650489	13.83297
211.6745	0.643382	14.98618	-930.996	113.8175	176.5966	0.65	13.83297
211.8385	0.644428	15.06918	-927.082	111.7272	172.9069	0.651022	13.89614
212.0025	0.643714	14.98632	-924.66	107.7312	165.24	0.649447	14.0502
212.1665	0.65138	14.9191	-927.829	95.09032	146.1355	0.64649	13.98709
212.3305	0.652051	14.9191	-927.086	95.00946	144.0061	0.641918	13.89601
212.4945	0.648949	14.9191	-925.4	85.36008	132.1449	0.63545	14.0502
212.6585	0.653948	14.9191	-930.26	89.26915	136.9618	0.639115	14.0502
212.8225	0.657432	15.06884	-924.655	92	139.9388	0.646528	14.0502
212.9865	0.654244	14.98665	-927.089	91.19804	138.0096	0.645454	14.0502
213.1505	0.651	14.9191	-924.652	83.17735	128.0752	0.641982	14.0502
213.3145	0.651377	15.06868	-927.829	85.08865	130.7816	0.642017	14.0502
213.4785	0.653	14.98681	-927.829	87.41349	136.3094	0.646558	14.0502
213.6425	0.653376	14.9191	-927.829	102.4402	157.5463	0.653556	14.0502
213.8065	0.654625	15.06848	-927.829	105.8595	159.7195	0.655984	13.98765
213.9705	0.651876	14.98697	-927.829	94.87454	147.0954	0.653477	13.89545
214.1345	0.648685	14.9191	-927.096	102.8634	156.619	0.651493	14.0502
214.2985	0.656561	15.06835	-924.646	92.65533	143.9904	0.650493	14.0502
214.4625	0.658627	14.98714	-927.098	109.045	163.8901	0.652027	14.11249
214.6265	0.657373	14.9191	-924.643	97.70232	146.3593	0.651467	14.20514
214.7905	0.656954	14.9191	-928.557	85.20727	131.888	0.650519	14.11241
214.9545	0.647628	14.9191	-931.016	97.82758	150.7458	0.651494	14.20528
215.1185	0.646	14.9191	-927.829	95.82819	148.0319	0.650494	14.0502
215.2825	0.646556	14.9191	-927.103	93.8288	144.8148	0.652022	13.92613

215.4465	0.648815	15.06795	-924.639	91.82941	141.2258	0.656021	13.73977
215.6105	0.646891	15.13633	-928.553	90.51007	140.8562	0.65699	14.0502
215.7745	0.641262	15.13633	-932.467	95.57583	148.2589	0.654991	13.98835
215.9385	0.638184	15.13633	-934.937	92.35246	147.2072	0.654	13.83297
216.1025	0.639552	15.13633	-931.023	106.5789	165.8721	0.654504	13.8947
216.2665	0.643102	14.98777	-927.829	101.4126	156.6238	0.655504	13.92677
216.4305	0.647266	15.06763	-928.547	95.58547	148.7661	0.654489	13.73904
216.5945	0.644734	14.98784	-931.026	102.1672	158.7718	0.649979	14.0502
216.7585	0.647451	14.9191	-927.829	102.5005	155.5209	0.641968	14.0502
216.9225	0.645914	14.9191	-928.545	87.74306	139.0513	0.639012	14.0502
217.0865	0.651095	14.9191	-930.315	106.5038	162.6716	0.642508	13.98875
217.2505	0.655818	15.06737	-924.628	100.7527	153.1716	0.645005	13.89435
217.4145	0.653178	14.98811	-927.829	98.16479	150.6058	0.644493	14.0502
217.5785	0.645546	15.06725	-927.829	99.42539	152.9435	0.643	13.98895
217.7425	0.648363	15.13633	-927.118	91.36436	137.8516	0.640993	13.89417
217.9065	0.650363	14.9883	-925.333	73.57034	114.1913	0.641508	14.0502
218.0705	0.652181	14.9191	-931.035	81.46154	127.655	0.644	13.98908
218.2345	0.652819	14.9191	-928.537	97.5949	148.7316	0.642998	13.89399
218.3985	0.65182	14.9191	-931.037	93.48428	144.3412	0.647006	13.98924
218.5625	0.65118	14.9191	-927.829	97.95468	148.4389	0.652	13.77207
218.7265	0.65272	15.06682	-927.829	86.80104	134.4994	0.6505	13.73751
218.8905	0.656719	14.98862	-927.126	96.15965	146.7265	0.651	13.98938
219.0545	0.659102	14.9191	-924.617	97.60101	147.3175	0.654999	13.83297
219.2185	0.655	14.9191	-927.829	93.31797	143.0796	0.656001	13.83297
219.3825	0.653926	15.06662	-927.829	95.49542	143.097	0.653503	13.83297
219.5465	0.648643	14.98887	-928.528	78.55219	122.1843	0.651002	13.89359
219.7105	0.647357	14.9191	-931.045	85.47161	132.9528	0.651496	13.98964
219.8745	0.648822	14.9191	-927.829	92.02151	143.8326	0.653	13.89346
220.0385	0.647644	14.9191	-927.829	103.0626	157.2775	0.653996	14.0502
220.2025	0.645467	15.06633	-927.829	91.37748	140.3232	0.654005	14.0502
220.3665	0.642823	14.98917	-928.523	84.85261	133.7115	0.650512	13.92955
220.5305	0.642354	15.06624	-930.358	94.4594	145.9693	0.651482	13.676
220.6945	0.644354	15.13633	-924.607	87.69118	135.4752	0.656988	13.83297
220.8585	0.646353	14.9893	-927.137	84.769	132.6867	0.658006	13.89309
221.0225	0.647824	14.9191	-923.914	93.31065	142.6478	0.657993	14.0502
221.1865	0.64612	14.9191	-925.293	85.99176	135.1211	0.65354	14.0502
221.3505	0.642352	14.9191	-931.056	97.61996	151.1995	0.647008	14.0502
221.5145	0.645582	15.06593	-927.829	93.83582	147.021	0.646	13.99027
221.6785	0.652825	14.9896	-927.829	103.6979	158.2322	0.647486	13.89279
221.8425	0.652175	14.9191	-927.144	99.17257	150.3851	0.648505	13.99042
222.0065	0.653	14.9191	-925.282	89.07491	136.5616	0.64503	13.89273
222.1705	0.651953	14.9191	-931.061	89.7761	137.2395	0.640021	13.93081
222.3345	0.647	14.9191	-927.146	87	134.4668	0.638495	13.735
222.4985	0.648219	14.9191	-925.277	88.63473	140.0725	0.640977	14.0502
222.6625	0.653826	14.9191	-931.064	107.076	159.7915	0.644976	14.0502
222.8265	0.652827	14.9191	-927.829	83.29478	128.2038	0.646013	13.93121
222.9905	0.65148	14.9191	-927.829	87.66071	135.9447	0.645987	13.61574

223.1545	0.647961	15.06536	-927.829	97.10085	152.1988	0.646507	13.79383
223.3185	0.644729	14.99013	-927.152	110.4884	170.3182	0.647479	14.14883
223.4825	0.653863	14.9191	-924.59	103.2722	156.4335	0.652449	13.89222
223.6465	0.657828	14.9191	-928.503	94.14495	143.419	0.655507	14.0502
223.8105	0.656312	14.9191	-931.07	94.77274	141.7947	0.650569	14.0502
223.9745	0.653	14.9191	-927.829	79.93623	124.4004	0.646984	13.99113
224.1385	0.653343	14.9191	-927.829	92.50198	142.6472	0.648983	13.89197
224.3025	0.654829	14.9191	-927.829	98.07171	147.7817	0.650983	13.9323
224.4665	0.653316	14.9191	-927.16	88.13305	139.5239	0.652	13.79253
224.6305	0.649147	15.06485	-924.582	114.9377	174.7293	0.652	14.14969
224.7945	0.644488	14.99062	-928.497	101.2832	157.7768	0.651509	13.83297
224.9585	0.641659	14.9191	-931.077	105.9869	167.3633	0.651981	13.77424
225.1225	0.64102	14.9191	-927.829	117.5963	180.3817	0.65447	13.73311
225.2865	0.64583	14.7736	-927.165	98.86024	152.765	0.65747	14.0502
225.4505	0.644492	14.99284	-924.577	97.83517	153.6733	0.657531	14.10879
225.6145	0.642	15.13633	-927.829	108.3738	167.4077	0.655511	14.20889
225.7785	0.642169	14.99096	-927.167	97.02136	144.4168	0.651576	13.99173
225.9425	0.643675	14.9191	-924.575	60.37931	101.3348	0.647511	13.77455
226.1065	0.648179	15.06434	-927.829	105.4507	161.4772	0.648466	13.67414
226.2705	0.654168	14.99111	-928.487	98.06837	150.0654	0.649023	13.77464
226.4345	0.655	15.06427	-930.427	99.6152	153.4554	0.646535	13.73228
226.5985	0.655	15.13633	-923.914	107.1153	161.5544	0.644024	14.0502
226.7625	0.654163	14.99132	-924.569	96.14907	149.6025	0.642513	13.93396
226.9265	0.65	15.06404	-927.829	111.058	168.7092	0.642975	13.73195
227.0905	0.650834	14.99141	-928.482	99.20605	155.1616	0.644974	14.10823
227.2545	0.654166	14.9191	-931.091	115.933	177.0699	0.647461	14.15148
227.4185	0.649667	14.9191	-927.177	114.0665	173.4176	0.648027	13.77507
227.5825	0.647834	14.9191	-923.914	100.469	153.8497	0.644082	13.61574
227.7465	0.647663	15.06377	-925.213	93.52853	145.632	0.642458	13.78925
227.9105	0.651662	15.13633	-930.447	101.2631	156.0003	0.648374	14.26742
228.0745	0.654669	14.84711	-924.562	105.0658	160.6401	0.653	14.20972
228.2385	0.653331	14.84641	-928.476	105.4763	160.2276	0.652515	13.99256
228.4025	0.654835	14.9191	-930.452	98.91212	153.1868	0.652485	13.77538
228.5665	0.653836	14.9191	-924.558	110.1886	164.2442	0.650092	13.73082
228.7305	0.653164	14.9191	-927.829	85.67461	135.1336	0.647	14.0502
228.8945	0.653508	15.06341	-927.829	109.6137	166.8098	0.650874	14.0502
229.0585	0.650672	14.99208	-927.829	103.4873	157.8149	0.653548	13.99286
229.2225	0.648673	14.9191	-927.829	96.44644	149.7643	0.652	13.77568
229.3865	0.646347	15.06321	-927.19	101.921	155.0416	0.651033	13.67302
229.5505	0.643	14.99224	-924.552	86.50549	135.7761	0.646616	13.89018
229.7145	0.643978	14.9191	-928.467	94.12634	146.4717	0.647831	13.93591
229.8785	0.649	14.9191	-931.744	96.12572	148.4211	0.655414	13.61574
230.0425	0.648188	14.9191	-930.473	98.18767	151.9481	0.657035	13.72979
230.2065	0.643676	15.06291	-923.914	100.0685	153.129	0.655036	13.99322
230.3705	0.642	15.13633	-924.547	86.67995	136.7258	0.653036	13.88988
230.5345	0.642808	14.99258	-927.829	96.87641	150.4022	0.653927	13.99335
230.6985	0.647161	14.9191	-927.829	95.98383	150.7771	0.654556	13.88975

230.8625	0.648161	14.9191	-927.829	109.8987	166.7893	0.651557	14.0502
231.0265	0.648679	15.06265	-929.087	93.36527	144.8585	0.647595	13.93678
231.1905	0.647481	14.9928	-933.775	99.06059	153.1474	0.643558	13.67239
231.3545	0.650802	14.9191	-924.542	100	153.6578	0.64152	13.83297
231.5185	0.65532	14.9191	-927.829	99.33704	149.9176	0.642921	13.83297
231.6825	0.656361	14.9191	-927.829	89.11993	136.0861	0.645	13.88943
231.8465	0.653319	14.9191	-927.205	91.89487	142.9404	0.643561	14.0502
232.0105	0.654523	14.9191	-923.914	105.1709	158.5356	0.642479	13.93751
232.1745	0.651682	15.06228	-924.537	93.48001	147.2882	0.642521	13.7283
232.3385	0.650159	14.99321	-927.208	116.5288	178.0061	0.644873	13.99398
232.5025	0.65195	14.9191	-924.534	108.2383	164.0588	0.650392	13.88913
232.6665	0.656526	14.9191	-927.829	96.05829	146.4664	0.654435	14.0502
232.8305	0.653684	14.77614	-927.829	96.42002	145.9694	0.655044	13.99412
232.9945	0.652	14.98771	-928.447	87.52182	135.6133	0.654478	13.88898
233.1585	0.651843	14.99347	-931.127	97.32652	152.838	0.65309	13.9383
233.3225	0.651943	15.06188	-927.214	118.8279	181.8157	0.650046	13.67164
233.4865	0.656529	14.99361	-923.914	115.4864	174.5287	0.651863	13.88885
233.6505	0.65353	14.9191	-923.914	107.8516	167.3348	0.652615	14.0502
233.8145	0.650217	15.06175	-924.527	119.9567	178.9072	0.649047	13.99445
233.9785	0.646	15.13633	-927.217	87.12908	137.9641	0.647524	13.83297
234.1425	0.646	14.99381	-924.525	105.8877	163.6039	0.648904	13.77734
234.3065	0.646623	14.9191	-927.829	104	160.8365	0.653379	13.67136
234.4705	0.648136	15.06153	-927.829	103.4444	158.0323	0.654097	13.83297
234.6345	0.638466	15.13633	-927.221	94.66647	150.1361	0.653426	13.88845
234.7985	0.641	14.85168	-924.521	105.8343	164.6411	0.654525	13.99478
234.9625	0.641309	14.84413	-927.829	102.7803	159.6467	0.654	13.7776
235.1265	0.643772	14.9191	-927.224	99.32774	155.2121	0.653525	13.67109
235.2905	0.647692	15.06126	-924.518	104.9457	161.8757	0.652526	13.77769
235.4545	0.646308	14.99424	-927.226	103.9458	160.6766	0.650578	13.72611
235.6185	0.648154	15.06112	-925.117	102.8923	158.4395	0.648053	14.0502
235.7825	0.649613	14.85241	-931.144	100.3038	152.4251	0.644633	13.99513
235.9465	0.653306	14.98565	-927.829	88.15975	135.4006	0.642947	13.77792
236.1105	0.655306	14.99446	-928.427	91.90034	142.8198	0.645893	13.67073
236.2745	0.656236	14.9191	-931.744	108.1588	165.2788	0.648946	13.94281
236.4385	0.651543	14.9191	-931.147	110.8421	169.6608	0.646692	14.10286
236.6025	0.648544	14.9191	-928.424	107.4767	164.1726	0.643	13.72535
236.7665	0.646607	14.9191	-931.15	99.61291	158.8015	0.642056	13.94062
236.9305	0.650909	14.9191	-929.609	127.9652	193.5658	0.643832	13.67046
237.0945	0.655849	14.9191	-937.203	109.4641	168.2767	0.647472	13.83297
237.2585	0.654849	14.9191	-924.505	117.3335	177.1917	0.648471	13.88752
237.4225	0.653699	14.9191	-927.829	105.1019	161.0871	0.648058	13.99569
237.5865	0.652301	14.9191	-927.829	107.152	164.725	0.648412	13.94195
237.7505	0.654451	14.9191	-928.417	109.8993	167.6232	0.652353	14.10415
237.9145	0.65715	14.9191	-931.156	107.144	160.4671	0.656411	13.72446
238.0785	0.65815	14.9191	-927.829	92.10101	143.2684	0.65518	13.99591
238.2425	0.658103	14.9191	-927.244	112.5026	169.4177	0.653409	13.83297
238.4065	0.651955	14.77804	-925.083	102.654	156.3716	0.653592	13.83297

238.5705	0.646149	14.84291	-931.161	96.63889	151.5657	0.651531	13.83297
238.7345	0.646702	15.06009	-927.829	108.6561	166.9315	0.650531	13.83297
238.8985	0.644703	14.99543	-927.829	103.0708	163.292	0.653749	13.83297
239.0625	0.643445	14.9191	-928.409	122.9843	187.8972	0.656127	13.83297
239.2265	0.645113	14.9191	-930.586	103.2884	161.0498	0.652596	13.94082
239.3905	0.64	14.77836	-924.492	109.621	173.3104	0.651468	14.21356
239.5545	0.64118	14.84257	-927.829	121.4747	187.7732	0.652	13.9964
239.7185	0.647853	14.77847	-927.829	111.1898	172.2456	0.654337	13.83297
239.8825	0.646706	14.84244	-927.829	114.3871	174.863	0.655132	13.83297
240.0465	0.644853	14.9191	-928.977	102.9837	162.9569	0.652066	13.83297
240.2105	0.643122	14.9191	-934.513	123.2793	192.6332	0.649133	13.77938
240.3745	0.640049	14.77867	-927.829	128.0227	196.8462	0.646067	13.7228
240.5385	0.652729	14.84221	-927.829	107.9539	165.2383	0.645466	13.99677
240.7025	0.656855	14.9191	-927.259	107.1831	163.7852	0.648328	13.88635
240.8665	0.655419	14.7789	-923.914	111	169.3581	0.644483	13.94347
241.0305	0.65142	14.84205	-924.482	110.6838	168.8315	0.639327	13.72233
241.1945	0.648435	14.9191	-928.396	105.0388	165.5077	0.641535	14.0502
241.3585	0.651723	14.9191	-931.178	126.5514	192.6645	0.641465	13.99703
241.5225	0.656144	14.9191	-927.264	116.7327	176.9963	0.644787	13.77986
241.6865	0.656424	14.9191	-925.042	110.0708	164.4668	0.647536	13.66884
241.8505	0.652425	14.77919	-931.181	91.05495	143.2643	0.647	13.83297
242.0145	0.648713	14.84174	-927.266	113.7803	174.6222	0.647928	13.78001
242.1785	0.647717	14.9191	-924.476	108.5636	166.0848	0.650854	13.66864
242.3425	0.652429	14.9191	-927.829	100.2133	157.859	0.65439	13.88582
242.5065	0.655286	14.9191	-928.388	126.2685	190.1135	0.656	14.0502
242.6705	0.657143	14.9191	-931.186	110.1282	168.0414	0.654148	13.99743
242.8345	0.657858	14.7795	-927.829	113.2563	173.0712	0.650612	13.78027
242.9985	0.656573	14.84141	-928.942	118.6182	179.2876	0.648075	13.72101
243.1625	0.653432	14.9191	-933.992	110.5053	170.9622	0.647924	13.99761
243.3265	0.650708	14.9191	-925.023	121.1639	183.166	0.652695	13.83297
243.4905	0.654435	14.9191	-931.191	103.1624	161.9392	0.655615	13.88547
243.6545	0.650153	14.9191	-927.829	128.9663	194.4846	0.654	13.9978
243.8185	0.644859	14.9191	-927.278	105.8209	167.1999	0.653078	13.83297
243.9825	0.643859	14.9191	-924.464	125.163	195.016	0.652921	13.78069
244.1465	0.64314	14.9191	-927.829	128.8383	199.7075	0.655842	13.66801
244.3105	0.644	14.9191	-927.829	124.3979	190.8395	0.65754	13.83297
244.4745	0.64358	14.9191	-927.829	109.4783	168.0817	0.65792	13.88511
244.6385	0.64086	14.9191	-927.829	97.59734	154.6311	0.656242	14.0502
244.8025	0.640697	14.9191	-927.829	112.3952	176.9708	0.650244	13.94616
244.9665	0.645417	14.9191	-927.829	122.5882	192.2431	0.646541	13.61574
245.1305	0.648555	14.9191	-928.372	136.6497	209.3247	0.645541	13.71962
245.2945	0.652555	14.9191	-931.201	127.6109	194.0388	0.644541	14.0502
245.4585	0.655308	14.9191	-927.829	118.579	183.2579	0.644459	13.94659
245.6225	0.650724	14.78049	-927.289	131.9319	198.4371	0.643168	13.71918
245.7865	0.649138	14.84042	-924.453	105.9081	166.8347	0.640542	14.0502
245.9505	0.650412	14.9191	-928.367	128.8498	197.4949	0.643204	13.94692
246.1145	0.652863	14.9191	-931.206	124.9625	191.2539	0.647	13.66732

246.2785	0.651726	14.9191	-927.829	123.8883	189.6319	0.646086	13.83297
246.4425	0.649727	15.05744	-927.829	120.8892	185.5995	0.644543	13.78151
246.6065	0.648546	14.99805	-927.829	117.7437	180.4819	0.641717	13.66718
246.7705	0.652408	15.05735	-928.362	111.9444	175.5433	0.644935	13.88434
246.9345	0.655272	14.99812	-931.744	136.6369	207.0021	0.654281	13.99889
247.0985	0.657407	14.9191	-931.212	127.7922	197.7101	0.656544	13.83297
247.2625	0.659187	14.9191	-927.299	148.0717	220.6517	0.654178	13.78178
247.4265	0.653595	14.9191	-924.443	122.7533	186.7385	0.650179	13.66688
247.5905	0.651539	14.9191	-927.829	115.6505	175.9832	0.64891	13.83297
247.7545	0.655674	14.9191	-928.356	106.2096	162.8917	0.652729	13.83297
247.9185	0.660538	14.9191	-930.691	112.5542	172.7986	0.656455	13.83297
248.0825	0.663866	14.9191	-924.439	127.3134	188.7643	0.655183	13.83297
248.2465	0.663268	14.9191	-927.829	108.7826	167.4584	0.651184	13.78209
248.4105	0.665134	14.78141	-927.306	130.629	194.7472	0.648546	13.61574
248.5745	0.6656	14.83952	-924.437	119.6291	178.074	0.649361	13.66649
248.7385	0.663533	14.9191	-927.829	109.2339	165.6708	0.652813	13.83297
248.9025	0.665937	14.78158	-927.829	115.8344	173.1853	0.655906	13.83297
249.0665	0.658735	14.83929	-927.829	112.0775	175.1571	0.657453	13.78239
249.2305	0.657793	14.78171	-927.829	143.0293	212.9352	0.657548	13.71677
249.3945	0.663264	14.83922	-928.346	114.4852	174.8578	0.656096	13.99975
249.5585	0.665	14.9191	-931.228	128.8398	192.9938	0.65274	13.88335
249.7225	0.665	14.78188	-927.314	123.6509	184.2906	0.652258	13.94954
249.8865	0.665	14.83902	-924.428	112.56	167.1623	0.652743	13.66606
250.0505	0.665	14.78197	-928.342	99.5293	152.2198	0.647743	13.88322
250.2145	0.665262	14.83896	-930.719	115.8755	173.5825	0.644549	14.00002
250.3785	0.667522	14.9191	-924.425	111.6301	165.4496	0.643549	13.83297
250.5425	0.670739	14.9191	-928.339	100.4272	151.8161	0.643901	13.78291
250.7065	0.66861	14.78222	-931.235	114.1813	171.6745	0.64455	13.66579
250.8705	0.66587	14.83873	-927.321	120.0299	180.4104	0.6422	13.78299
251.0345	0.66513	14.9191	-924.93	121.4486	184.8404	0.64045	13.66566
251.1985	0.667035	14.78235	-931.744	135.704	201.9709	0.642349	13.78312
251.3625	0.673484	14.83856	-931.239	125.707	185.1611	0.646246	13.66554
251.5265	0.669356	14.9191	-928.333	116.3189	175.4321	0.649898	13.83297
251.6905	0.665128	14.78254	-931.241	127.2854	192.8679	0.653244	13.83297
251.8545	0.666513	14.83839	-927.327	136.5435	202.4838	0.654206	13.83297
252.0185	0.670128	14.9191	-924.415	121.0847	181.1349	0.650208	13.88252
252.1825	0.671511	14.78271	-927.829	123.5812	181.821	0.649344	14.0502
252.3465	0.675	14.83819	-927.33	109.6352	165.8226	0.651895	14.0502
252.5105	0.674237	14.9191	-923.914	131.7541	194.0682	0.652553	14.0502
252.6745	0.668492	14.9191	-924.412	123.355	186.4817	0.650658	14.00084
252.8385	0.66462	14.9191	-927.829	135.3248	199.8405	0.648553	13.83297
253.0025	0.661874	14.9191	-928.324	111.4272	170.7675	0.649786	13.83297
253.1665	0.661252	14.9191	-930.756	126.4721	188.2536	0.653339	13.88219
253.3305	0.662496	14.9191	-924.9	107.7569	167.052	0.656339	13.95189
253.4945	0.658496	14.78311	-930.758	135.5565	203.2649	0.658446	13.66483
253.6585	0.655377	14.8378	-924.406	119.0774	182.1479	0.657217	13.78395
253.8225	0.658752	14.9191	-927.829	121.7707	183.5026	0.652773	13.66471

253.9865	0.66425	14.9191	-928.318	112.7986	168.6158	0.652671	13.83297
254.1505	0.665751	15.05487	-930.768	105.5473	161.8483	0.65778	13.83297
254.3145	0.663876	14.86494	-924.402	127.0494	191.6766	0.661779	13.88176
254.4785	0.663621	14.70187	-927.343	128.7315	192.3441	0.663556	14.00147
254.6425	0.668867	14.83743	-924.399	117.9759	176.2362	0.663888	13.7843
254.8065	0.674753	14.78361	-927.345	117.238	175.2334	0.665	13.6644
254.9705	0.672877	14.70187	-924.397	126.9295	188.1914	0.664556	13.88156
255.1345	0.671384	14.8373	-927.346	124.0705	185.2488	0.66533	13.95315
255.2985	0.666754	14.9191	-924.396	127.3015	192.8793	0.663012	13.6642
255.4625	0.664755	14.78381	-927.829	139.8627	209.4941	0.657557	13.88137
255.6265	0.663367	14.70187	-927.35	134.1806	203.4701	0.660098	13.95341
255.7905	0.666366	14.97228	-924.392	142.1337	214.1915	0.664	13.66407
255.9545	0.668878	14.86607	-927.829	147.7345	219.0761	0.664884	13.83297
256.1185	0.667757	14.83694	-927.353	135.9345	203.1194	0.665117	13.78481
256.2825	0.666243	15.0541	-924.389	133.1721	201.0799	0.664441	13.61574
256.4465	0.668847	15.0014	-927.829	140.1517	203.6429	0.665	13.66384
256.6105	0.675242	14.9191	-928.302	101.46	153.4994	0.665882	13.78494
256.7745	0.676638	15.05396	-931.271	123.0627	182.3187	0.668763	13.61574
256.9385	0.672796	15.00153	-928.3	126.3914	190.7273	0.670119	13.71153
257.1025	0.66412	14.9191	-931.274	144.7971	216.5284	0.667679	14.00235
257.2665	0.66512	14.78444	-927.829	135.1399	204.2299	0.66556	13.83297
257.4305	0.66612	14.70187	-927.829	141.7834	211.2041	0.66588	13.83297
257.5945	0.666164	14.83647	-927.361	130.8819	195.5646	0.669637	13.83297
257.7585	0.66	14.9191	-925.314	124.9225	188.6717	0.671682	13.83297
257.9225	0.660119	14.78463	-935.193	120.8665	182.0416	0.667805	13.83297
258.0865	0.661356	14.83627	-931.28	114.1501	173.8019	0.665878	13.92809
258.2505	0.663527	14.78473	-927.829	122.1477	185.3004	0.668316	14.12494
258.4145	0.660237	14.70187	-928.292	129.7415	194.3986	0.67	13.66317
258.5785	0.661882	14.97034	-931.283	116.4681	179.891	0.672627	13.83297
258.7425	0.660765	14.86799	-927.369	141.469	209.5543	0.675562	13.78569
258.9065	0.659352	14.70187	-924.373	112.0174	170.0412	0.672376	13.66301
259.0705	0.662935	14.83595	-928.287	112.7949	168.3627	0.666814	13.83297
259.2345	0.670351	14.9191	-930.829	101.5981	156.7459	0.663126	13.83297
259.3985	0.672883	14.9191	-923.914	135.4629	196.5643	0.662	13.83297
259.5625	0.671302	14.7852	-923.914	104.4944	160.1612	0.662	13.83297
259.7265	0.666232	14.83571	-924.368	133.6927	197.8331	0.661128	13.87997
259.8905	0.823398	14.78532	-927.829	119.1187	173.9034	0.657385	13.9564
260.0545	1.857765	14.83561	-927.829	373.3068	190.1673	0.655742	13.66258
260.2185	0.669	-99999	-927.829	142	212.2571	0.660612	13.83297
260.3825	-99999	-99999	-99999	-99999	-99999	0.665305	13.78626
260.5465	-99999	14.70187	-99999	-99999	-99999	0.665261	13.66244
260.7105	0.665886	14.83539	-928.276	114.116	172.5758	0.663435	13.78634
260.8745	0.665686	14.9191	-930.849	121.9855	183.1009	0.665738	13.75545
261.0385	0.670886	14.7857	-924.36	120.9574	179.8482	0.670605	14.17442
261.2025	0.669886	14.70187	-927.829	117.8889	174.79	0.674	13.78652
261.3665	0.669113	14.83515	-927.829	110.3666	168.9652	0.673133	13.61574
261.5305	0.669887	14.9191	-927.829	136.8141	202.1455	0.669399	13.61574

261.6945	0.669	14.78589	-927.829	122.8673	182.1665	0.665567	13.61574
261.8585	0.669	14.83501	-928.27	113.013	169.0774	0.664134	13.61574
262.0225	0.668439	14.78606	-930.865	114.2002	173.2537	0.66473	13.70805
262.1865	0.663552	14.70187	-923.914	129.9512	195.2373	0.667865	14.00406
262.3505	0.659777	14.70187	-924.351	126.1548	193.1812	0.668568	13.83297
262.5145	0.657442	14.70187	-927.829	138.7977	208.5192	0.667136	13.83297
262.6785	0.654002	14.83471	-927.829	122	186.5471	0.666863	13.83297
262.8425	0.661778	14.78632	-927.394	122.3161	189.0644	0.670587	13.78708
263.0065	0.660222	14.96729	-923.914	149.5496	220.3362	0.675724	13.66162
263.1705	0.661558	15.00364	-924.347	109.1816	167.6181	0.675846	13.78716
263.3345	0.658221	14.78646	-927.829	125.9039	189.9189	0.669125	13.61574
263.4985	0.661212	14.70187	-928.26	117.0934	178.4302	0.66443	13.61574
263.6625	0.67133	14.83438	-931.314	126.141	189.9695	0.66586	13.61574
263.8265	0.673562	14.78666	-927.829	139.8145	204.7443	0.66657	13.70696
263.9905	0.669563	14.70187	-928.257	121.265	185.3099	0.663852	13.95912
264.1545	0.666	14.70187	-931.316	148.8013	220.279	0.660571	13.66122
264.3185	0.666436	14.83418	-927.829	128.0275	192.555	0.66	13.83297
264.4825	0.670217	14.9191	-928.254	130.9203	194.0042	0.662144	13.83297
264.6465	0.671133	14.78692	-931.32	121.9658	181.132	0.662429	13.83297
264.8105	0.66454	14.70187	-927.829	118.0577	178.698	0.660285	13.83297
264.9745	0.668568	14.70187	-928.252	125.033	187.6172	0.662	13.78776
265.1385	0.665215	14.70187	-931.322	129.0635	195.2143	0.660717	13.66089
265.3025	0.668074	14.70187	-927.829	136.8322	201.5808	0.660283	13.78788
265.4665	0.67668	14.70187	-927.411	115.1053	172.3248	0.664989	13.61574
265.6305	0.673574	14.70187	-924.331	129.9731	192.365	0.671135	13.66069
265.7945	0.67032	14.70187	-927.829	126.0336	188.7617	0.673147	13.83297
265.9585	0.673	14.83359	-927.829	130.9359	193.0729	0.669016	13.83297
266.1225	0.673212	14.9191	-927.829	120.9878	179.4218	0.666278	13.83297
266.2865	0.674367	14.9191	-927.829	119.0174	176.9367	1.240734	13.78823
266.4505	0.668368	14.78754	-927.829	121.967	181.5825	1.441293	13.61574
266.6145	0.662474	14.83339	-927.417	115.967	174.1423	0.67	13.61574
266.7785	0.657895	14.9191	-924.325	109.9741	166.4011	0.67	13.66029
266.9425	0.657419	14.9191	-927.829	105.1318	163.9916	0.950354	13.83297
267.1065	0.661	14.9191	-927.829	131.9359	197.487	1.33	-99999
267.2705	0.660896	14.9191	-927.421	117.9316	176.0221	-99999	14.00578
267.4345	0.659896	14.78785	-924.321	102.0299	155.6752	0.670576	13.83297
267.5985	0.658896	14.70187	-927.423	109.1468	171.2624	0.67	13.83297
267.7625	0.658207	14.83299	-924.319	145.9121	218.0532	0.67	13.83297
267.9265	0.660619	14.9191	-927.829	122.0269	185.9157	0.669153	13.78876
268.0905	0.66528	14.9191	-928.232	130.0275	196.8134	0.668847	13.70404
268.2545	0.659823	14.78811	-931.744	138.9237	206.811	0.669577	13.96203
268.4185	0.667	14.70187	-930.941	113.9863	170.1459	0.666887	13.65976
268.5825	0.667307	14.70187	-923.514	109.022	164.7167	0.661888	13.83297
268.7465	0.670305	14.70187	-921.194	118.0258	178.0053	0.658578	13.83297
268.9105	0.672899	14.70187	-931.744	130.9664	191.6595	0.655891	13.87682
269.0745	0.671696	14.70187	-931.347	110.9883	164.1921	0.657216	13.96263
269.2385	0.668899	14.70187	-927.829	104	160.9312	0.661315	13.65946

269.4025	0.667697	14.70187	-928.224	140	210.5862	0.660684	13.83297
269.5665	0.665503	14.83236	-931.35	146	218.9339	0.660475	13.83297
269.7305	0.670301	14.9191	-927.829	143	212.4435	0.658683	13.83297
269.8945	0.672699	14.78868	-928.221	137	201.2636	0.664783	13.83297
270.0585	0.6699	14.70187	-931.353	121	181.2215	0.6721	13.83297
270.2225	0.668801	14.83216	-927.829	125	187.9475	0.672482	13.83297
270.3865	0.667397	14.9191	-927.829	132	197.4878	0.668161	13.83297
270.5505	0.671495	14.7889	-927.829	130	191.5473	0.666581	13.83297
270.7145	0.675802	14.70187	-927.829	116	170.3258	0.667677	13.78972
270.8785	0.673901	14.70187	-927.829	107	159.5104	0.670419	13.65893
271.0425	0.672114	14.70187	-927.829	112	168.5678	0.668489	13.78984
271.2065	0.664098	14.70187	-927.445	124.9782	187.34	0.666255	13.65886
271.3705	0.665098	14.70187	-923.914	119.0128	177.4545	0.666746	13.83297
271.5345	0.665707	14.83173	-924.296	109.0214	163.2941	0.666253	13.83297
271.6985	0.662611	14.9191	-928.21	106.0073	162.0418	0.67134	13.79008
271.8625	0.658515	14.78937	-931.364	119.9615	182.9711	0.675166	13.65858
272.0265	0.654097	14.83153	-927.829	124.9847	190.5125	0.672332	13.79015
272.1905	0.655289	14.7895	-927.829	121.014	186.8471	0.671667	13.70119
272.3545	0.722217	14.70187	-928.206	135.9473	205.9705	0.673167	14.0502
272.5185	1.261179	14.83137	-930.992	263.5117	199.754	0.673664	14.00761
272.6825	0.66	-99999	-923.914	135.5314	204.5455	0.67309	13.83297
272.8465	-99999	14.70187	-99999	-99999	-99999	0.666506	13.87549
273.0105	0.665285	14.70187	-931.372	123	182.4636	0.660923	13.96528
273.1745	0.66857	14.70187	-927.829	106.0804	158.6894	0.657585	13.65813
273.3385	0.673811	14.70187	-927.829	106.995	159.9265	0.65866	13.83297
273.5025	0.671528	14.70187	-927.459	114.9573	172.1017	0.661	13.7907
273.6665	0.666247	14.83097	-923.914	120.9661	182.0452	0.660586	13.658
273.8305	0.659375	14.79003	-924.282	123.9821	187.3494	0.659172	13.83297
273.9945	0.663563	14.70187	-927.829	119.0298	181.7206	0.658414	13.83297
274.1585	0.669468	14.70187	-928.195	135.8936	201.8985	0.659414	13.83297
274.3225	0.673348	14.83077	-931.379	127.0591	186.6549	0.66248	13.79096
274.4865	0.667	14.79027	-927.465	113.0961	169.5546	0.663108	13.65774
274.6505	0.667	14.70187	-924.277	113.9928	173.5536	0.661891	13.83297
274.8145	0.667648	14.83064	-927.829	132.8637	196.8725	0.666826	13.83297
274.9785	0.674	14.7904	-927.829	116.1271	173.3394	0.668412	13.83297
275.1425	0.674092	14.70187	-928.189	124.93	185.7073	0.670649	13.83297
275.3065	0.674817	14.83044	-931.385	126.9838	190.107	0.672588	13.83297
275.4705	0.672269	14.79056	-927.471	140.8825	207.2655	0.670765	13.79131
275.6345	0.665183	14.70187	-924.271	123.1538	184.3646	0.668589	13.61574
275.7985	0.666818	14.70187	-927.829	119.0354	179.1433	0.666767	13.65724
275.9625	0.664456	14.70187	-927.474	123.9542	187.3077	0.667054	13.83297
276.1265	0.659452	14.70187	-924.268	128.9527	197.3864	0.671232	13.83297
276.2905	0.663461	14.70187	-927.829	141.8711	213.3476	0.671769	13.8743
276.4545	0.65809	14.70187	-927.829	137.0496	207.7692	0.67	13.96767
276.6185	0.659358	14.82998	-927.478	134.0307	202.2829	0.668771	13.65694
276.7825	0.663089	14.79106	-924.264	127.0737	190.9901	0.668228	13.83297
276.9465	0.663733	14.82984	-927.829	123.0433	185.9886	0.672455	13.83297

277.1105	0.660823	14.79116	-927.482	127.9443	190.8723	0.675591	13.83297
277.2745	0.659177	14.70187	-924.261	107.234	167.1517	0.674183	13.79197
277.4385	0.661442	14.70187	-927.483	142.588	212.8792	0.669324	13.61574
277.6025	0.666352	14.70187	-925.293	118.2937	175.7701	0.664408	13.61574
277.7665	0.67	14.70187	-938.2	108.1205	165.908	0.665	13.65661
277.9305	0.669738	14.70187	-923.914	143.5551	212.7809	0.664184	13.79217
278.0945	0.666913	14.70187	-924.256	127.2102	191.6113	0.661777	13.61574
278.2585	0.665826	14.70187	-927.829	135.886	204.5202	0.657557	13.65641
278.4225	0.664608	14.70187	-927.829	137.9741	202.8559	0.654407	13.83297
278.5865	0.671	14.70187	-928.168	101.4911	154.1317	0.655814	13.87357
278.7505	0.670741	14.70187	-931.069	128.6198	190.2594	0.92903	14.00966
278.9145	0.667828	14.70187	-923.914	113.2173	170.241	1.055393	13.83297
279.0785	0.665914	14.70187	-924.25	120.8877	182.8656	0.66	13.83297
279.2425	0.664915	14.70187	-927.829	129.8709	193.9697	0.661622	13.83297
279.4065	0.664851	14.70187	-927.829	118.1758	176.8548	0.666027	13.83297
279.5705	0.673661	14.70187	-927.829	113.0748	170.2738	0.670621	13.79273
279.7345	0.670255	14.70187	-927.497	132.7009	197.1719	0.672595	13.65591
279.8985	0.672662	14.70187	-924.245	123.1526	183.2352	0.670381	13.75276
280.0625	0.669169	14.70187	-927.17	125.9533	186.9128	0.663957	13.47862
280.2265	0.670748	14.70187	-920.656	115.1746	173.4606	0.660425	13.83297
280.3905	0.668084	14.70187	-927.829	130.7412	195.2081	0.66602	13.793
280.5545	0.668415	14.70187	-927.829	124.1133	187.7886	0.670615	13.65565
280.7185	0.661667	14.70187	-927.829	141.7034	214.1037	0.670983	13.83297
280.8825	0.657834	14.70187	-927.829	138.0671	207.8816	0.667597	13.87276
281.0465	0.656662	14.70187	-927.829	123.2563	186.5659	0.667	14.0502
281.2105	0.663753	14.70187	-927.829	117.1044	175.772	0.66982	14.01049
281.3745	0.660588	14.70187	-928.152	113.0696	171.814	0.674	13.83297
281.5385	0.656164	14.70187	-931.744	118.8938	182.1057	0.674402	13.87254
281.7025	0.658245	14.70187	-931.424	124.892	186.9297	0.674196	13.93164
281.8665	0.661407	14.70187	-927.829	101.4394	157.3542	0.669385	13.47753
282.0305	0.666487	14.70187	-927.829	138.2926	206.745	0.665205	13.79353
282.1945	0.671919	14.82815	-928.465	124.2793	186.4817	0.666197	13.61574
282.3585	0.671	14.79289	-934.709	139.6973	206.8361	0.662594	13.65505
282.5225	0.670679	14.70187	-924.228	125.293	186.8601	0.661002	13.83297
282.6865	0.66724	14.70187	-927.203	128.9207	193.3341	0.661599	13.83297
282.8505	0.669841	14.70187	-919.999	129	191.8676	0.6588	13.83297
283.0145	0.668	14.70187	-920.623	123.1209	183.8933	0.661199	13.79393
283.1785	0.667762	14.70187	-928.14	121.0409	180.7253	0.663	13.61574
283.3425	0.664763	14.82769	-931.125	117.083	176.0029	0.662601	13.65467
283.5065	0.662158	14.79335	-924.222	117	177.1695	0.660803	13.83297
283.6705	0.664471	14.70187	-927.829	120.9146	181.3984	0.659798	13.83297
283.8345	0.670079	14.82756	-927.829	115.1282	173.4918	0.662993	13.83297
283.9985	0.671078	14.79348	-927.829	130.6533	192.6508	0.667593	13.83297
284.1625	0.672	14.82742	-927.524	109.4834	166.1395	0.67	13.83297
284.3265	0.672	14.79362	-923.914	142.2426	210.9521	0.668807	13.83297
284.4905	0.671923	14.70187	-924.519	127.3613	189.8155	0.666602	13.83297
284.6545	0.670846	14.70187	-931.139	133.8419	197.5554	0.665205	13.83297

284.8185	0.668385	14.70187	-924.215	115.4349	171.942	0.666779	13.83297
284.9825	0.661383	14.70187	-928.129	114.0232	172.9418	0.671	13.79458
285.1465	0.665466	14.82709	-931.445	118.8825	177.087	0.66981	13.65412
285.3105	0.659	14.79391	-928.127	104.357	160.3523	0.666811	13.87128
285.4745	0.65938	14.82703	-931.446	125.4762	189.6017	0.665396	13.9737
285.6385	0.663849	14.9191	-927.829	113.3134	171.0199	0.665208	13.61574
285.8025	0.661925	14.9191	-927.829	119.8291	180.6054	0.667559	13.61574
285.9665	0.66085	14.79418	-928.122	114.1492	172.9599	0.671815	13.65383
286.1305	0.659224	14.70187	-931.744	117.8993	180.3515	0.671185	13.87099
286.2945	0.662075	14.70187	-931.16	129.6978	193.089	0.671816	14.01225
286.4585	0.663223	14.70187	-923.914	101.7389	155.2993	0.67	13.83297
286.6225	0.666	14.70187	-924.204	127.3038	190.6366	0.669606	13.8708
286.7865	0.665926	14.70187	-927.54	114.3653	172.0767	0.668606	13.97456
286.9505	0.665147	14.8265	-923.914	121.7888	183.0881	0.666031	13.69125
287.1145	0.667294	14.79451	-924.201	119.0792	178.989	0.661033	14.0502
287.2785	0.671146	14.70187	-927.829	124.8398	188.2034	0.657214	13.97496
287.4425	0.672854	14.82633	-927.829	142.5139	210.5751	0.65875	13.65331
287.6065	0.670783	14.79471	-928.113	125.4916	187.3262	0.662607	13.83297
287.7705	0.667784	14.70187	-931.462	133.7501	200.1223	0.659645	13.79552
287.9345	0.665216	14.70187	-927.547	129.1389	194.7847	0.656784	13.65313
288.0985	0.668287	14.70187	-924.476	136.7754	202.868	0.658784	13.87029
288.2625	0.719771	14.70187	-931.464	117.5676	175.9454	0.662741	13.97567
288.4265	1.293006	14.82596	-927.829	263.6686	197.7049	0.668565	13.61574
288.5905	0.666	-99999	-927.829	117.4934	169.6697	0.671	13.65293
288.7545	-99999	14.70187	-99999	-99999	-99999	0.671	13.87009
288.9185	0.668	14.70187	-924.466	116	173.4416	0.669828	14.01314
289.0825	0.668421	14.70187	-931.469	114.0592	170.8645	0.668781	13.75897
289.2465	0.673651	14.70187	-927.829	116.9103	172.3232	0.66883	13.43551
289.4105	0.668722	14.70187	-927.829	104.3947	157.7138	0.66778	13.65263
289.5745	0.664861	14.70187	-927.557	124.3622	187.6952	0.667442	13.83297
289.7385	0.708825	14.70187	-924.185	122.092	183.8557	0.663832	13.79621
289.9025	1.280308	14.82547	-927.829	237.3142	179.4297	0.662389	13.61574
290.0665	0.662	-99999	-927.829	102.4728	148.0363	0.66611	13.65243
290.2305	-99999	14.70187	-99999	-99999	-99999	0.671	13.83297
290.3945	0.653932	14.70187	-935.125	127	192.8521	0.671388	13.83297
290.5585	0.653272	14.70187	-927.829	114.4146	175.2301	0.671612	13.83297
290.7225	0.657608	14.8252	-928.094	120.7746	182.5814	0.671388	13.79653
290.8865	0.665664	14.79584	-931.48	107.455	160.437	0.672	13.57932
291.0505	0.660933	14.82511	-927.829	104.0984	158.47	0.67045	13.47124
291.2145	0.660268	14.9191	-927.829	114.639	174.3739	0.66529	13.83297
291.3785	0.664133	14.9191	-928.09	116.9338	177.471	0.662934	13.83297
291.5425	0.666465	14.79604	-931.484	129.5656	194.8632	0.663681	13.83297
291.7065	0.673066	14.70187	-927.829	128.0674	189.8804	0.659227	13.79681
291.8705	0.673803	14.57891	-927.571	125.1021	185.4165	0.660317	13.65184
292.0345	0.670737	14.60758	-924.172	124.034	187.0407	0.663228	13.79694
292.1985	0.666935	14.70187	-927.573	145.2447	218.3224	0.661614	13.61574
292.3625	0.665935	14.70187	-924.424	140.2078	207.3896	0.660615	13.65165

292.5265	0.665324	14.70187	-931.49	112.0133	167.9012	0.66077	13.83297
292.6905	0.670065	14.70187	-927.829	121.6123	181.3023	0.918766	13.83297
292.8545	0.670872	14.70187	-927.578	114.2845	171.6566	1.329	-99999
293.0185	0.669	14.70187	-924.415	131.3546	196.3538	-99999	13.83297
293.1825	0.669127	14.70187	-931.495	122.3616	181.853	0.665384	13.86854
293.3465	0.67119	14.70187	-928.325	117.1823	175.3509	0.666384	14.01463
293.5105	0.674063	14.70187	-935.165	127.5955	190.3602	0.668534	13.83297
293.6745	0.674937	14.70187	-927.582	132.8161	196.1205	0.671383	13.83297
293.8385	0.673687	14.70187	-923.914	123.3708	183.0468	0.671617	13.83297
294.0025	0.668626	14.70187	-924.403	127.8131	192.9444	0.924607	13.83297
294.1665	0.663186	14.70187	-931.501	143.397	214.3365	1.334	-99999
294.3305	0.665753	14.70187	-927.587	115.1398	172.8224	-99999	13.65098
294.4945	0.661753	14.82394	-923.914	130.3539	196.6448	0.669291	13.7978
294.6585	0.658062	14.7971	-924.155	117.5362	177.795	0.927527	13.61574
294.8225	0.659061	14.70187	-928.068	117	179.6574	1.083008	13.61574
294.9865	0.659878	14.70187	-931.506	139.1051	209.1998	0.666	13.61574
295.1505	0.658	14.58003	-927.829	109.2548	166.3438	0.666762	13.65071
295.3145	0.658242	14.72826	-927.829	131.0586	199.2535	0.924581	13.83297
295.4785	0.66206	14.67562	-927.829	118.5533	178.8679	1.342	-99999
295.6425	0.6627	14.60632	-927.829	124.7212	189.1696	-99999	13.61574
295.8065	0.657821	14.82348	-927.829	130.7592	197.5942	0.668101	13.65051
295.9705	0.655772	14.79752	-928.061	114.6874	173.8447	0.664241	13.83297
296.1345	0.668237	14.70187	-931.512	114	170.9517	0.914205	13.79833
296.2985	0.671941	14.70187	-927.829	117.8364	177.5417	1.07372	13.61574
296.4625	0.67059	14.70187	-927.829	139.0937	208.0668	0.662	13.61574
296.6265	0.663942	14.58057	-927.601	132.332	196.1753	0.658972	13.61574
296.7905	0.66329	14.60593	-924.141	103.2542	156.7313	0.653622	13.61574
296.9545	0.66829	14.70187	-927.829	134.5781	200.9206	0.654512	13.65008
297.1185	0.672942	14.82305	-927.829	107.2634	160.0062	0.660778	13.76443
297.2825	0.671828	14.79799	-927.604	133.7699	200.3443	0.664358	13.46695
297.4465	0.668886	14.70187	-924.138	128.2991	191.0209	0.660377	13.79877
297.6105	0.667	14.70187	-928.051	124.1721	185.4814	0.661754	13.64988
297.7745	0.667284	14.70187	-931.744	119.2152	177.4908	0.664507	13.83297
297.9385	0.671887	14.70187	-931.744	109.4333	164.252	0.669259	13.79896
298.1025	0.670225	14.70187	-931.524	131.9527	198.0248	0.673376	13.64969
298.2665	0.673888	14.70187	-927.61	128.2197	190.2749	0.672496	13.86691
298.4305	0.671889	14.70187	-924.132	131.823	195.4661	0.669248	13.98245
298.5945	0.670222	14.70187	-927.829	120.5311	178.551	0.667249	13.64955
298.7585	0.673779	14.70187	-927.829	114.2673	169.1952	0.665625	13.79923
298.9225	0.669671	14.70187	-927.829	114	169.9855	0.666875	13.64943
299.0865	0.663891	14.58136	-927.829	111.1355	170.4967	0.67	13.7993
299.2505	0.661729	14.6051	-927.617	149.1752	225.3868	0.67	13.61574
299.4145	0.657217	14.70187	-924.126	118.5516	178.6794	0.669626	13.61574
299.5785	0.660946	14.70187	-927.618	124.6326	188.3884	0.669374	13.61574
299.7425	0.659893	14.82212	-924.123	116.4175	175.7861	0.671868	13.6491
299.9065	0.657894	14.79892	-927.829	116	176.0775	0.675	13.83297
300.0705	0.655947	14.70187	-927.622	113.141	172.1087	0.674254	13.76642

300.2345	0.655211	14.70187	-924.121	111.094	168.2097	0.671508	13.46494
300.3985	0.659367	14.70187	-928.034	96.70949	147.3287	0.667137	13.79983
300.5625	0.666209	14.70187	-931.744	116.9527	177.9008	0.664372	13.61574
300.7265	0.67	14.70187	-931.744	127.5209	189.2639	0.664256	13.61574
300.8905	0.669794	14.70187	-931.542	106.1089	156.9199	0.66114	13.61574
301.0545	0.666	14.70187	-927.627	106.9035	161.7448	0.658372	13.61574
301.2185	0.666103	14.70187	-924.115	120.3207	183.3422	0.659	13.61574
301.3825	0.667847	14.70187	-927.829	141.9258	212.3585	0.658629	13.61574
301.5465	0.665101	14.70187	-927.829	121.13	180.4237	0.658371	13.61574
301.7105	0.667	14.58225	-928.026	120	179.6835	0.660112	13.61574
301.8745	0.667	14.60423	-931.547	117.1484	177.2995	0.662	13.64842
302.0385	0.66695	14.82139	-927.633	140.7565	211.3315	0.660519	13.80036
302.2025	0.666199	14.79965	-924.109	122.051	182.6671	0.656891	13.6483
302.3665	0.670247	14.70187	-927.829	134.2951	200.0272	0.659806	13.83297
302.5305	0.674853	14.82123	-927.829	116.9625	172.5477	0.669478	13.80049
302.6945	0.671902	14.68046	-927.637	124.544	186.5525	0.671631	13.58333
302.8585	0.670244	14.6039	-924.296	131.6433	196.5097	0.668786	13.43087
303.0225	0.674903	14.70187	-931.555	126.3085	187.5559	0.664263	13.61574
303.1865	0.672856	14.58279	-928.017	137.3793	204.8809	0.664841	13.58349
303.3505	0.669761	14.6037	-931.557	135.1561	200.4874	0.669473	13.4307
303.5145	0.664618	14.70187	-927.642	120.7807	182.0826	0.672	13.61574
303.6785	0.657095	14.70187	-924.286	139.901	213.8609	0.670897	13.61574
303.8425	0.659141	14.70187	-931.559	131.5264	198.8148	0.668633	13.61574
304.0065	0.662141	14.82069	-927.646	131.9471	199.0719	0.667633	13.61574
304.1705	0.664814	14.80034	-924.096	128.2136	190.7804	0.668834	13.61574
304.3345	0.660768	14.58315	-927.829	104.3355	157.5059	0.671267	13.61574
304.4985	0.656092	14.6033	-928.009	124.7647	191.416	0.671099	13.61574
304.6625	0.658137	14.70187	-931.565	117.4861	179.0903	0.672634	13.61574
304.8265	0.661182	14.70187	-927.829	134.968	205.3507	0.671634	13.64743
304.9905	0.66491	14.58338	-928.006	131.2731	195.7247	0.672097	13.80135
305.1545	0.663	14.6031	-931.567	113.0382	169.0654	0.672539	13.58419
305.3185	0.66309	14.70187	-927.653	113.8901	172.2598	0.66781	13.43
305.4825	0.664955	14.70187	-924.089	118.7238	178.4226	0.662906	13.61574
305.6465	0.664221	14.58362	-927.829	111.4443	168.0394	0.659907	13.58432
305.8105	0.669088	14.48465	-927.829	124.2182	186.494	0.658729	13.46123
305.9745	0.670868	14.60284	-927.657	120.2793	178.5439	0.660364	13.80168
306.1385	0.667869	14.70187	-924.256	115.2807	172.124	0.659909	13.61574
306.3025	0.665	14.70187	-931.405	114.0565	171.6241	0.657273	13.61574
306.4665	0.665086	14.70187	-924.082	116.8293	175.9815	0.655274	13.61574
306.6305	0.667298	14.70187	-927.829	117.9428	177.2124	0.656178	13.61574
306.7945	0.67383	14.70187	-927.829	123.6566	183.4512	0.661813	13.64673
306.9585	0.669704	14.70187	-927.829	115.5177	171.2721	0.667174	13.80205
307.1225	0.663168	14.70187	-927.993	108.4048	163.3582	0.670276	13.61574
307.2865	0.667333	14.70187	-931.581	115.5349	173.6421	0.668276	13.58489
307.4505	0.674959	14.58421	-927.829	113.1753	169.136	0.666277	13.4601
307.6145	0.673711	14.48465	-927.667	139.3633	207.4298	0.666446	13.83297
307.7785	0.667	14.60221	-924.075	112.7623	168.4474	0.667194	13.83297

307.9425	0.667041	14.58438	-927.988	142.0514	215.269	0.665083	13.83297
308.1065	0.667798	14.60208	-931.586	134.5935	199.6842	0.667	13.83297
308.2705	0.663161	14.70187	-927.829	118.9545	178.5378	0.667	13.80244
308.4345	0.66692	14.70187	-927.672	127.4032	191.4445	0.66664	13.61574
308.5985	0.664841	14.58458	-924.07	120.4797	180.6151	0.6678	13.61574
308.7625	0.660842	14.71911	-927.674	121.8795	185.1546	0.672439	13.64608
308.9265	0.656882	14.68477	-924.068	130.4548	199.3071	0.673922	13.80264
309.0905	0.654156	14.48465	-927.677	129.1218	196.3138	0.671281	13.61574
309.2545	0.658195	14.60175	-924.066	114.9135	172.6733	0.671436	13.61574
309.4185	0.663039	14.70187	-927.829	105.5507	159.4083	0.674	13.61574
309.5825	0.663923	14.70187	-927.829	121.8932	184.6839	0.672208	13.61574
309.7465	0.662038	14.70187	-927.829	113.6179	170.5132	0.667567	13.58568
309.9105	0.663337	14.58507	-927.975	110.1872	166.6641	0.662495	13.42845
310.0745	0.672	14.60141	-931.598	124.0636	186.2344	0.658358	13.61574
310.2385	0.672	14.70187	-927.829	128.7492	190.6953	0.660072	13.64554
310.4025	0.67189	14.70187	-927.829	107.4493	158.4237	0.662714	13.83297
310.5665	0.668854	14.70187	-927.543	117.2402	175.9827	0.663287	13.77351
310.7305	0.665	14.70187	-920.141	110.509	165.8487	0.659861	13.39852
310.8945	0.665072	14.70187	-924.197	117.4908	176.7738	0.656713	13.39852
311.0585	0.667036	14.70187	-931.604	106.7672	159.5561	0.659068	13.42805
311.2225	0.668	14.70187	-927.968	117.2292	176.4338	0.662067	13.61574
311.3865	0.667965	14.58557	-931.606	114.2582	170.3506	0.664	13.58628
311.5505	0.66707	14.71719	-927.829	108.3891	163.1037	0.663645	13.39852
311.7145	0.669035	14.80286	-927.966	129.5081	195.1786	0.663355	13.45718
311.8785	0.670173	14.70187	-931.608	119.7818	177.9256	0.664	13.77444
312.0425	0.674897	14.70187	-927.829	125.5418	185.8268	0.666127	13.42773
312.2065	0.671966	14.58584	-927.962	110.1179	162.7684	0.67	13.61574
312.3705	0.670764	14.48465	-931.612	119.2733	178.444	0.669292	13.58661
312.5345	0.663933	14.48465	-927.961	111.5948	167.8988	0.667292	13.42758
312.6985	0.662167	14.48465	-931.613	124.0708	187.6222	0.665293	13.64474
312.8625	0.666934	14.48465	-927.829	103.5336	153.8848	0.66506	13.83297
313.0265	0.664836	14.60042	-927.829	119.7273	181.2048	0.669471	13.80404
313.1905	0.65987	14.70187	-927.956	106.0766	160.3118	0.672941	13.58687
313.3545	0.655935	14.5862	-931.871	127.381	196.2701	0.667828	13.45606
313.5185	0.654224	14.60025	-935.533	121.542	185.2434	0.663761	13.80427
313.6825	0.661191	14.70187	-931.62	126.5917	192.6017	0.670167	13.61574
313.8465	0.666749	14.5864	-927.829	137.2481	206.117	0.675297	13.61574
314.0105	0.659	14.60009	-927.829	121.2359	182.2831	0.671539	13.61574
314.1745	0.659031	14.58647	-927.829	123.7253	188.1078	0.667	13.64425
314.3385	0.660123	14.48465	-927.95	123.069	186.2362	0.667351	13.80453
314.5025	0.664183	14.48465	-931.624	121.1385	182.0425	0.666247	13.61574
314.6665	0.669909	14.59986	-927.829	118.2087	175.781	0.664051	13.64411
314.8305	0.66709	14.70187	-927.712	110.5591	166.0563	0.666	13.80466
314.9945	0.66997	14.70187	-924.031	134.1825	202.6812	0.66425	13.61574
315.1585	0.66903	14.5868	-927.829	129.4913	192.7282	0.659252	13.61574
315.3225	0.67	14.59966	-927.829	127.141	188.7215	0.655651	13.61574
315.4865	0.670058	14.70187	-927.829	109.3451	161.9566	0.656048	13.64385

315.6505	0.671943	14.58699	-927.941	124.7174	188.0272	0.659396	13.80496
315.8145	0.669943	14.48465	-931.632	137.1447	206.244	0.663046	13.64368
315.9785	0.668	14.59943	-927.829	143.5706	215.4421	0.663955	13.83297
316.1425	0.668028	14.58716	-927.829	141.2156	210.0674	0.662348	13.80515
316.3065	0.669028	14.59929	-927.721	118.7321	175.0868	0.665783	13.61574
316.4705	0.670055	14.70187	-924.021	121.6376	182.1967	0.671696	13.61574
316.6345	0.671836	14.58729	-927.829	124.7825	185.7706	0.672653	13.64342
316.7985	0.666081	14.59913	-927.934	118.5105	177.7579	0.670612	13.77782
316.9625	0.669027	14.58746	-931.64	131.9014	198.5189	0.667307	13.42604
317.1265	0.670053	14.48465	-927.829	126.5148	187.5764	0.665654	13.64325
317.2905	0.671844	14.59896	-927.829	114.8862	169.7604	0.665693	13.80553
317.4545	0.665819	14.58759	-927.931	115.8523	174.5764	0.667	13.64312
317.6185	0.658974	14.59886	-931.644	124.3326	188.9486	0.667692	13.77835
317.7825	0.657975	14.58773	-927.829	107.4147	161.5245	0.668309	13.42577
317.9465	0.657	14.48465	-927.829	116.1776	178.9582	0.667691	13.5885
318.1105	0.65705	14.48465	-927.829	138.2734	212.7361	0.669	13.39852
318.2745	0.658975	14.48465	-927.829	131.6758	198.7184	0.671414	13.39852
318.4385	0.658	14.48465	-927.733	129.1507	195.6776	0.674622	13.42556
318.6025	0.657904	14.59853	-923.914	119.7568	180.3248	0.671312	13.61574
318.7665	0.654143	14.70187	-924.1	105.1398	159.7083	0.66828	13.61574
318.9305	0.660165	14.70187	-931.652	122.4742	187.1981	0.663968	13.61574
319.0945	0.667118	14.58812	-927.921	107.3736	160.3613	0.663718	13.5889
319.2585	0.672	14.48465	-931.562	144.783	219.2718	0.666313	13.39852
319.4225	0.671908	14.59827	-924.004	122.1532	179.2126	0.662942	13.42524
319.5865	0.667977	14.70187	-927.829	136.6103	206.2553	0.657972	13.61574
319.7505	0.667067	14.70187	-927.829	128.7751	191.7851	0.655657	13.5891
319.9145	0.669956	14.58839	-927.829	125.2326	186.4462	0.657054	13.39852
320.0785	0.668	14.48465	-927.743	121.3113	181.4995	0.663053	13.45155
320.2425	0.667914	14.59797	-924.083	131.139	197.0796	0.663925	13.78012
320.4065	0.664084	14.58865	-931.579	116.3384	172.572	0.658683	13.4249
320.5705	0.668125	14.48465	-923.914	97.50168	144.3327	0.66	13.58943
320.7345	0.674	14.37149	-923.995	115.3397	173.1595	0.661023	13.42477
320.8985	0.673959	14.4936	-927.829	104.1108	152.95	0.665384	13.64193
321.0625	0.672	14.47583	-927.908	106.6814	159.6458	0.66932	13.78072
321.2265	0.67196	14.38038	-931.744	119.8807	179.4189	0.66868	13.45075
321.3905	0.670078	14.59757	-931.667	100.7656	148.1788	0.66932	13.80692
321.5545	0.67402	14.70187	-927.829	112.7958	168.9031	0.669019	13.61574
321.7185	0.674808	14.58905	-927.904	106.6445	157.6606	0.670321	13.58982
321.8825	0.664943	14.48465	-931.596	124.3827	189.4899	0.670356	13.42438
322.0465	0.661888	14.59734	-923.987	126	189.6553	0.671645	13.61574
322.2105	0.656	14.58922	-927.757	103.0369	154.4939	0.669	13.64153
322.3745	0.65611	14.48465	-923.986	118.4515	182.5646	0.668323	13.83297
322.5385	0.662	14.48465	-927.829	108.9814	163.3596	0.668014	13.80732
322.7025	0.661965	14.48465	-927.76	115.3433	175.2092	0.67	13.61574
322.8665	0.659896	14.59707	-923.982	115.0824	174.5096	0.670338	13.64133
323.0305	0.654034	14.58948	-927.829	123.2557	189.0453	0.66965	13.78193
323.1945	0.656051	14.59701	-927.829	104.7372	157.7779	0.667674	13.42397

323.3585	0.659084	14.58958	-927.895	130.5099	201.6438	0.669	13.64113
323.5225	0.663934	14.59687	-931.615	127.4998	191.1843	0.67001	13.78231
323.6865	0.670718	14.70187	-923.977	123.3351	186.03	0.670319	13.42381
323.8505	1.31864	14.70187	-927.767	211.8451	165.7278	0.664311	13.64097
324.0145	0.67	-99999	-923.914	127.4937	177.6119	0.658664	13.80781
324.1785	-99999	14.70187	-99999	-99999	-99999	0.657665	13.59065
324.3425	0.668985	14.58995	-927.888	122	182.6146	0.657	13.42355
324.5065	0.668	14.48465	-931.744	132.0652	198.3485	0.657335	13.59072
324.6705	0.668015	14.48465	-931.687	101.8999	148.7422	0.658335	13.42348
324.8345	0.669	14.37285	-927.829	121.8671	184.9829	0.658331	13.59085
324.9985	0.669043	14.49088	-927.829	108.4551	160.2679	0.655997	13.42334
325.1625	0.672	14.59021	-927.829	121.6256	182.8911	0.656004	13.56621
325.3265	0.671986	14.48465	-927.829	116.6034	172.5416	0.662337	13.23081
325.4905	0.67096	14.59621	-927.777	112.346	167.1039	0.669002	13.61574
325.6545	0.668013	14.70187	-923.966	120.2212	181.1738	0.672667	13.61574
325.8185	0.669026	14.70187	-927.829	122.8264	183.5981	0.670335	13.61574
325.9825	0.671076	14.59048	-927.879	111.1326	163.8225	0.667333	13.59124
326.1465	0.676938	14.59598	-931.695	105.4371	155.2942	0.890822	13.39852
326.3105	0.67194	14.70187	-927.876	114.1227	171.3995	1.338	-99999
326.4745	0.666964	14.59061	-931.744	127.7714	193.0871	-99999	13.80861
326.6385	0.664	14.48465	-931.744	112.5847	167.0448	0.666673	13.61574
326.8025	0.663989	14.59578	-931.699	104.6184	156.2495	0.665326	13.61574
326.9665	0.663	14.70187	-927.829	83.95026	124.0666	0.669657	13.63997
327.1305	0.662947	14.59091	-927.87	102.9471	158.3837	0.673662	13.78478
327.2945	0.657937	14.59558	-931.661	105	159.6868	0.674008	13.39852
327.4585	0.652041	14.59101	-923.914	110.4626	170.4997	0.672	13.42248
327.6225	0.65602	14.59545	-923.914	126.4722	194.9352	0.67101	13.61574
327.7865	0.658	14.70187	-923.914	117.0821	176.1457	0.670979	13.61574
327.9505	0.658037	14.70187	-923.951	106.9048	161.3664	0.67467	13.63957
328.1145	0.661981	14.59121	-927.902	124.1899	190.1685	0.671365	13.80921
328.2785	0.660045	14.48465	-935.588	115.0894	172.499	0.664354	13.56835
328.4425	0.665009	14.59518	-927.829	99.45743	147.4971	0.659356	13.22857
328.6065	0.66605	14.70187	-927.796	107.0861	162.2749	0.656	13.59211
328.7705	0.671992	14.70187	-923.946	117.083	175.6215	0.6583	13.42208
328.9345	0.670984	14.70187	-927.892	119.8165	178.9628	0.662672	13.61574
329.0985	0.668914	14.70187	-935.598	129.08	194.1678	0.661016	13.61574
329.2625	0.658067	14.5916	-927.829	116.3847	174.8665	0.65769	13.61574
329.4265	0.667029	14.59485	-927.829	124.0738	187.1632	0.655327	13.59238
329.5905	0.671007	14.5917	-927.829	105.0443	153.7664	0.656982	13.44512
329.7545	0.671979	14.59479	-927.856	126.5833	191.8778	0.660635	13.83297
329.9185	0.668987	14.5918	-931.718	120.839	179.4741	0.662693	13.8098
330.0825	0.667019	14.48465	-927.829	129.0647	194.8784	0.878339	13.61574
330.2465	0.674076	14.37471	-927.829	128.1877	190.8521	1.113734	13.61574
330.4105	1.351149	14.37733	-927.829	206.8097	158.9587	0.669	13.61574
330.5745	0.673	-99999	-927.829	147.9799	209.5097	0.669	13.61574
330.7385	-99999	14.48465	-99999	-99999	-99999	0.669	13.61574
330.9025	0.667985	14.48465	-927.829	115	172.2256	0.668675	13.61574

331.0665	0.665005	14.37501	-927.811	123.1431	186.4099	0.668325	13.61574
331.2305	0.665992	14.37703	-923.931	116.7641	174.0606	0.669	13.61574
331.3945	0.663996	14.48465	-927.846	99.71978	147.7975	0.669649	13.59307
331.5585	0.662988	14.48465	-931.728	126.9338	195.9497	0.671324	13.39852
331.7225	0.659989	14.48465	-927.829	110.1147	163.6224	0.672	13.42106
331.8865	0.65701	14.48465	-927.829	105.2897	159.7762	0.670706	13.61574
332.0505	0.660009	14.48465	-927.829	97.7751	147.0071	0.885267	13.61574
332.2145	0.662991	14.59392	-927.829	105.1277	159.9034	1.34	-99999
332.3785	0.659997	14.59266	-927.839	110.514	168.2415	-99999	13.59344
332.5425	0.658998	14.59379	-931.735	124.5375	191.1682	0.675033	13.42076
332.7065	0.658	14.5928	-927.829	117.8802	177.8116	0.670745	13.63798
332.8705	0.661	14.48465	-923.914	112.4905	169.4402	0.665678	13.8108
333.0345	0.666	14.37564	-927.829	113.8037	171.1712	0.664678	13.61574
333.1985	0.669	14.37637	-927.829	137.4413	209.2676	0.663679	13.63778
333.3625	0.67	14.48465	-931.744	115.6654	168.6567	0.662679	13.76703
333.5265	0.666	14.59346	-927.829	113	169.6697	0.661037	13.24722
333.6905	0.669	14.59309	-923.914	127.4107	192.8251	0.656754	13.81106
333.8545	0.665	14.48465	-927.829	113.6917	168.4211	0.653282	13.59394
334.0185	0.67	14.48465	-927.829	107.4989	159.7015	0.65664	13.42026
334.1825	0.67	14.37607	-931.744	116.899	176.1194	0.658	13.61574
334.3465	0.669	14.37594	-931.744	117.1004	174.8879	0.659278	13.59407
334.5105	0.667	14.48465	-927.829	133.1874	202.3988	0.661361	13.42013
334.6745	0.67	14.59309	-927.829	134.1007	200	0.661596	13.61574
334.8385	0.667	14.48511	-927.829	112.4242	164.9175	0.665319	13.59427
335.0025	0.674	14.48405	-923.914	117.1895	175.0742	0.667593	13.3771
335.1665	0.672	14.70187	-919.999	108.1178	159.2262	0.671318	13.22411
335.3305	0.668009	14.70187	-916.093	115.9808	175.1157	0.671045	13.61574
335.4945	0.666004	14.59369	-927.804	99.03907	145.7087	0.665502	13.61574
335.6585	0.670988	14.59276	-927.829	114.0577	172.8098	0.660859	13.61574
335.8225	0.671997	14.70187	-927.829	110.6152	163.7157	0.66827	13.61574
335.9865	0.670006	14.59389	-931.732	118.0745	177.5695	0.671317	13.5946
336.1505	0.66103	14.48465	-927.842	112.722	169.4677	0.670732	13.4196
336.3145	0.657013	14.48465	-927.829	124.5556	191.7058	0.667683	13.61574
336.4785	0.660985	14.48465	-931.73	110.7586	165.0001	0.667949	13.61574
336.6425	0.660004	14.59243	-935.643	117.0662	178.7328	0.886558	13.61574
336.8065	0.659004	14.48644	-931.761	113.5203	171.5032	1.139533	13.61574
336.9705	0.655018	14.26742	-927.847	120.1651	184.6721	0.673	13.61574
337.1345	0.655995	14.48273	-927.829	113.8352	172.3132	0.671422	13.595
337.2985	0.658984	14.48684	-931.724	105.8398	159.3994	0.66737	13.41913
337.4625	0.663973	14.37488	-923.957	104.1053	156.6414	0.666	13.59519
337.6265	0.667977	14.48465	-920.022	117.4162	178.019	0.665371	13.41907
337.7905	0.669988	14.48465	-927.781	120.7882	180.582	0.663686	13.61574
337.9545	0.668012	14.48465	-927.829	129.9408	196.0131	0.662058	13.61574
338.1185	0.668	14.48465	-927.829	118.4867	175.284	0.659059	13.61574
338.2825	0.669987	14.48465	-927.829	115.213	171.6653	0.657627	13.63603
338.4465	0.67	14.37753	-927.829	140.0095	213.1395	0.660253	13.81269
338.6105	0.668015	14.4816	-927.829	151.9289	228.9276	0.662374	13.59553

338.7745	0.666015	14.59482	-931.715	136.9286	202.8957	0.660062	13.41867
338.9385	0.664015	14.48465	-923.974	126.0742	188.3632	0.658	13.63583
339.1025	0.667968	14.48465	-927.798	138.3842	209.4116	0.658937	13.81294
339.2665	0.673951	14.48465	-923.946	148.9197	222.4451	0.662872	13.61574
339.4305	0.669043	14.59147	-931.677	135.7333	200.4891	0.667624	13.61574
339.5945	0.669992	14.59508	-931.744	112.6007	164.4878	0.669312	13.61574
339.7585	0.668018	14.59137	-927.864	116.2395	175.0526	0.668755	13.59592
339.9225	0.669982	14.59522	-927.829	136.6033	207.1669	0.666933	13.39852
340.0865	0.673962	14.37806	-927.829	122.9664	179.7895	0.667446	13.41827
340.2505	0.67202	14.37398	-927.829	120.1096	178.5807	0.666175	13.57637
340.4145	0.660117	14.48465	-927.829	145.822	225.2966	0.67069	13.22053
340.5785	0.66099	14.48465	-931.704	115.1746	168.5098	0.66969	13.59619
340.7425	0.657042	14.48465	-931.744	131.4628	203.5781	0.668381	13.41798
340.9065	0.659968	14.48465	-927.871	133.1106	201.5416	0.667928	13.61574
341.0705	0.661978	14.48465	-927.829	131.2218	197.9256	0.669072	13.61574
341.2345	0.660022	14.48465	-927.829	123.8877	186.492	0.669163	13.61574
341.3985	0.659011	14.48465	-931.699	131.8877	201.6441	0.673074	13.59649
341.5625	0.658012	14.48465	-924.006	141.8846	217.1431	0.670075	13.41771
341.7265	0.656024	14.37862	-927.782	133.2302	201.4137	0.667692	13.59655
341.8905	0.661926	14.26742	-923.963	129.3364	194.9426	0.668232	13.37939
342.0545	0.662	14.26742	-931.647	125.4487	188.8964	0.671308	13.21941
342.2185	0.663975	14.37332	-935.609	118.7872	177.8515	0.671078	13.61574
342.3825	0.664987	14.37882	-927.931	119.7745	180.4156	0.666543	13.61574
342.5465	0.664013	14.37318	-927.829	118.2261	177.7472	0.660079	13.63467
342.7105	0.673864	14.48465	-931.691	124.2064	185.3547	0.658614	13.79525
342.8745	0.673014	14.37895	-931.744	140.0722	210.6487	0.660307	13.41731
343.0385	0.670042	14.47868	-927.883	124.2734	182.4909	0.660081	13.63447
343.2025	0.665071	14.59631	-931.688	110.4817	164.1677	0.657388	13.8143
343.3665	0.666971	14.48465	-920.169	109	163.4254	0.656	13.6344
343.5305	0.669955	14.37922	-927.712	136.4431	208.2743	0.656611	13.81441
343.6945	0.67394	14.37282	-923.973	118.7546	172.658	0.659831	13.61574
343.8585	0.673015	14.48465	-927.769	112.4602	166.5058	0.665524	13.59732
344.0225	0.669062	14.48465	-927.829	132.347	201.2432	0.669305	13.41689
344.1865	0.667032	14.37948	-927.829	138.5368	208.29	0.669392	13.61574
344.3505	0.668967	14.37255	-923.978	108.0639	156.3202	0.668	13.59748
344.5145	0.672935	14.58975	-923.914	107.5354	160.3935	0.668608	13.41671
344.6785	0.671033	14.59684	-927.764	124.7881	188.7909	0.67	13.61574
344.8425	0.668051	14.48465	-920.132	117.284	173.9172	0.669394	13.61574
345.0065	0.660138	14.48465	-927.694	132.7765	204.0128	0.667394	13.61574
345.1705	0.660983	14.37978	-927.829	137.648	208.7004	0.665091	13.63374
345.3345	0.662965	14.37226	-920.137	122.9953	182.9649	0.664815	13.79711
345.4985	0.663982	14.37988	-931.534	126.2942	191.1087	0.670511	13.43425
345.6625	0.662036	14.26742	-927.9	136.7026	208.147	0.67249	13.79736
345.8265	0.654148	14.26742	-927.829	137.1183	209.4613	0.669302	13.43411
345.9905	0.649094	14.37202	-923.988	134.3557	206.528	0.669397	13.79751
346.1545	0.655869	14.48465	-927.755	143.6955	220.7632	0.668603	13.38085
346.3185	0.659924	14.38014	-923.989	123.8526	184.0524	0.671204	13.21649

346.4825	0.660981	14.37186	-927.753	134.2125	205.3145	0.673098	13.61574
346.6465	0.66198	14.48465	-931.667	144.8053	220.2526	0.667995	13.59821
346.8105	0.662	14.38031	-927.907	131.9164	196.8577	0.661	13.41598
346.9745	0.66788	14.26742	-923.992	118.5575	175.5741	0.6598	13.61574
347.1385	0.674858	14.26742	-927.75	135.4783	203.85	0.657899	13.58107
347.3025	0.672062	14.37159	-927.829	124.8058	183.4767	0.660599	13.21584
347.4665	0.669063	14.38054	-927.829	124.7586	186.7664	0.661401	13.59848
347.6305	0.665086	14.4755	-923.998	122.3634	183.531	0.659701	13.39852
347.7945	0.666957	14.49386	-931.577	129.9093	196.1252	0.658701	13.41562
347.9585	0.667978	14.26742	-927.914	136.2713	204.9016	0.657105	13.61574
348.1225	0.668978	14.37129	-927.829	134.3653	200.4042	0.657385	13.61574
348.2865	0.670955	14.38087	-924.002	138.3889	206.9998	0.662702	13.63268
348.4505	0.671	14.16368	-923.914	127.5928	188.2199	0.662595	13.8161
348.6145	0.668068	14.25761	-927.74	126.8774	190.0665	0.664297	13.61574
348.7785	0.670931	14.48465	-927.829	134.8946	202.3931	0.664703	13.59901
348.9425	0.67686	14.48465	-931.653	154.4142	231.2233	0.666968	13.41519
349.1065	0.676024	14.38114	-931.744	123.6906	177.3568	0.673703	13.61574
349.2705	0.672096	14.26742	-927.923	100.5986	146.5568	0.672111	13.59914
349.4345	0.66712	14.37086	-927.829	119.9055	183.4835	0.668519	13.39852
349.5985	0.664073	14.48465	-931.649	137.8912	210.202	0.665296	13.41499
349.7625	0.666926	14.48465	-927.925	136.4974	204.0687	0.667478	13.61574
349.9265	0.6631	14.3814	-927.829	136	205.0976	0.671591	13.59934
350.0905	0.657151	14.37063	-927.829	115.8741	172.8281	0.673	13.4312
350.2545	0.65505	14.48465	-927.829	147.125	230.5484	0.67182	13.78415
350.4185	0.655	14.48465	-927.829	143.2527	217.1829	0.668705	13.21371
350.5825	0.657923	14.58769	-927.829	137.6279	208.4281	0.668	13.58345
350.7465	0.658974	14.49592	-927.829	122.1399	182.7754	0.669471	13.19743
350.9105	0.659974	14.37037	-927.829	121.7476	184.7758	0.672706	13.41459
351.0745	0.658053	14.48465	-916.396	136.8517	210.5452	0.670826	13.63172
351.2385	0.656054	14.48465	-927.514	130.2664	197.0384	0.665654	13.80115
351.4025	0.657946	14.48465	-931.638	115.9042	173.8876	0.660293	13.41437
351.5665	0.663835	14.48465	-927.937	135.8187	208.3463	0.661586	13.61574
351.7305	0.668861	14.382	-927.829	125.0409	184.5641	0.663293	13.61574
351.8945	0.669972	14.37004	-927.829	125.6172	187.9429	0.663415	13.63145
352.0585	0.66514	14.48465	-931.634	126	189.434	0.659664	13.80168
352.2225	0.665	14.38217	-927.94	130.3592	196.7791	0.652541	13.4141
352.3865	0.669857	14.26742	-927.829	130.1285	194.1148	0.650749	13.63132
352.5505	0.673884	14.26742	-931.63	125.6439	185.7084	0.656749	13.80195
352.7145	0.673029	14.36977	-931.744	136.3254	204.4839	0.661	13.41396
352.8785	0.667176	14.38237	-927.944	130.1617	193.7446	0.661	13.58499
353.0425	0.667	14.36964	-931.628	120.2939	178.8546	0.661581	13.21193
353.2065	0.67088	14.48465	-927.946	110.2969	162.9216	0.664452	13.60043
353.3705	0.674879	14.58676	-927.829	136.8401	207.4858	0.670031	13.39852
353.5345	0.669181	14.49771	-916.439	139.2601	207.8065	0.67384	13.4137
353.6985	0.671908	14.36944	-931.266	124.2151	182.3479	0.670421	13.61574
353.8625	0.669093	14.48465	-931.744	141.996	215.6567	0.667843	13.58564
354.0265	0.670938	14.48465	-931.744	138.0473	204.5641	0.665867	13.19634

354.1905	0.669063	14.3828	-927.952	136.1312	203.3163	0.668	13.39852
354.3545	0.668032	14.26742	-927.829	135.1313	202.1333	0.668289	13.3836
354.5185	0.66316	14.36911	-927.829	122.8456	183.1315	0.669576	13.21086
354.6825	0.659129	14.38303	-927.829	136.6216	210.0063	0.671	13.60102
354.8465	0.659967	14.26742	-927.829	136.3973	206.2195	0.670137	13.39852
355.0105	0.660967	14.26742	-927.829	142.938	217.4632	0.668862	13.41317
355.1745	0.661967	14.26742	-931.615	137.0623	205.8473	0.672723	13.60116
355.3385	0.658133	14.26742	-927.959	116.9271	174.3228	0.676713	13.39852
355.5025	0.655101	14.26742	-931.612	131.3329	203.5286	0.674854	13.39852
355.6665	0.652102	14.26742	-927.962	134	205.4896	0.670568	13.39852
355.8305	0.658761	14.26742	-924.048	136.5981	207.8098	0.666141	13.39852
355.9945	0.665761	14.36864	-920.133	123.1441	182.5777	0.664858	13.39852
356.1585	0.668897	14.38349	-923.779	149.5691	228.5215	0.665858	13.39852
356.3225	0.66707	14.26742	-927.693	134.0952	197.5774	0.661003	13.39852
356.4865	0.66893	14.36844	-927.829	130.1349	194.3929	0.656	13.38433
356.6505	0.669965	14.38366	-927.829	120.487	178.2034	0.655715	13.19541
356.8145	0.670965	14.26742	-927.829	138.8898	210.4201	0.655854	13.41257
356.9785	0.662321	14.36831	-924.054	127.3033	189.6359	0.658284	13.61574
357.1425	0.66682	14.38382	-923.914	143.1483	217.8078	0.659	13.61574
357.3065	0.667	14.36818	-927.687	120.9469	176.9911	0.658716	13.60182
357.4705	0.66989	14.38393	-927.829	141.1806	214.9163	0.657716	13.39852
357.6345	0.670963	14.26742	-927.829	138.0916	204.6214	0.657284	13.39852
357.7985	0.674852	14.26742	-924.059	137.8633	204.4344	0.659699	13.39852
357.9625	0.673075	14.36795	-923.914	141.4513	210.7507	0.665414	13.41214
358.1265	0.672038	14.38419	-931.449	135.9623	201.2736	0.669	13.61574
358.2905	0.672	14.36785	-927.978	118.6178	173.6932	0.668153	13.60219
358.4545	0.672	14.38425	-927.829	134.1058	202.6814	0.665718	13.39852
358.6185	0.674885	14.36775	-927.829	124.9332	183.0512	0.666409	13.39852
358.7825	0.66827	14.48465	-927.829	135.0626	204.2071	0.671126	13.39852
358.9465	0.666078	14.48465	-927.829	140.4452	211.4541	0.673719	13.41187
359.1105	0.656392	14.38449	-924.068	115.17	170.874	0.671313	13.58916
359.2745	0.658882	14.26742	-927.675	118.7486	181.5886	0.667	13.20774
359.4385	0.662842	14.36748	-931.589	138.9353	212.9101	0.668122	13.58943
359.6025	0.663	14.38465	-931.744	134.2565	201.1439	0.672121	13.19439
359.7665	0.658201	14.26742	-931.744	121.8209	183.1052	0.673041	13.39852
359.9305	0.657041	14.36728	-927.988	132.8944	204.5416	0.669119	13.39852
360.0945	0.656041	14.48465	-927.829	141.0171	216.0175	0.671161	13.39852
360.2585	0.660796	14.38488	-927.829	141.1407	213.442	0.669838	13.39852
360.4225	0.661959	14.26742	-927.829	147.0131	223.1426	0.671163	13.38572
360.5865	0.664876	14.36705	-927.829	126.5322	186.5645	0.668721	13.19409
360.7505	0.665958	14.38505	-927.829	142.7434	217.7871	0.666607	13.39852
360.9145	0.667916	14.26742	-931.58	124.5409	182.7303	0.661887	13.41118
361.0785	0.666084	14.36692	-924.244	121.8581	183.097	0.659278	13.59055
361.2425	0.668873	14.38522	-927.663	133.1514	201.0043	0.660278	13.19382
361.4065	0.669957	14.26742	-927.829	123.8546	182.9344	0.661277	13.39852
361.5705	0.669043	14.26742	-931.575	152.8532	233.8381	0.660614	13.41095
361.7345	0.667086	14.26742	-927.998	138.2892	203.8576	0.656723	13.60338

361.8985	0.667957	14.36662	-916.595	117.8654	173.4708	0.654894	13.39852
362.0625	0.671825	14.38551	-927.315	128.7028	193.9427	0.653934	13.38628
362.2265	0.674868	14.26742	-924.087	116.446	170.0376	0.660933	13.19352
362.3905	0.670222	14.36645	-927.655	127.693	192.9136	0.666828	13.39852
362.5545	0.660444	14.38565	-924.088	130.8558	198.287	0.668449	13.39852
362.7185	0.667642	14.26742	-927.654	144.6881	219.0954	0.667275	13.38649
362.8825	0.67373	14.36629	-927.829	154.6968	230.9411	0.66855	13.19326
363.0465	0.674955	14.48465	-927.829	133.7727	194.3536	0.67055	13.38655
363.2105	0.674046	14.38588	-931.565	124.0179	182.9534	0.669252	13.19319
363.3745	0.665411	14.26742	-928.008	156.3274	240.82	0.663373	13.39852
363.5385	0.664046	14.26742	-927.829	150.04	223.843	0.667	13.39852
363.7025	0.664	14.26742	-927.829	125.7965	185.5452	0.667548	13.39852
363.8665	0.66686	14.36596	-931.562	136.5125	207.2482	0.669821	13.39852
364.0305	0.664141	14.38615	-924.281	127.0528	189.1965	0.672821	13.41015
364.1945	0.659234	14.36589	-931.377	136.0932	208.4169	0.85809	13.61574
364.3585	0.656142	14.38624	-928.014	150.796	232.1085	1.345	-99999
364.5225	0.654095	14.26742	-927.829	129.1227	193.1292	-99999	13.60431
364.6865	0.654952	14.26742	-924.101	128.4098	196.6689	0.671545	13.39852
364.8505	0.658807	14.26742	-923.914	138.3703	211.6936	0.673544	13.40982
365.0145	0.660903	14.26742	-927.64	145.9626	221.9091	0.673098	13.60451
365.1785	0.661951	14.36549	-927.829	118.8991	174.6481	0.667457	13.39852
365.3425	0.664853	14.38664	-927.829	119.1074	180.0473	0.663289	13.39852
365.5065	1.949419	14.36536	-927.829	354.8569	195.6412	0.656813	13.40962
365.6705	0.735795	14.48465	-931.55	181.6424	214.3135	0.660083	13.62678
365.8345	-99999	-99999	-99999	-99999	-99999	0.662729	13.81103
365.9985	-99999	-99999	-99999	-99999	-99999	0.661189	13.40942
366.1625	0.669	14.48465	-923.914	143	213.7519	0.65846	13.59406
366.3265	0.669	14.38697	-927.631	133.6532	198.1398	0.65673	13.19213
366.4905	0.671848	14.16978	-931.545	124.3554	183.761	0.657348	13.40929
366.6545	0.668203	14.24541	-935.46	122.1506	182.6551	0.661269	13.61574
366.8185	0.668	14.3871	-931.944	153.4167	235.1928	0.662807	13.6051
366.9825	0.667051	14.26742	-931.744	136.0826	199.9641	0.665269	13.40909
367.1465	0.668897	14.26742	-928.031	130.303	194.5051	0.666537	13.5946
367.3105	0.671844	14.26742	-927.829	152.0528	230.175	0.667463	13.1918
367.4745	0.675792	14.36477	-927.829	151.7593	223.8292	0.666536	13.39852
367.6385	0.672209	14.38737	-924.119	125.5636	182.3263	0.668803	13.38814
367.8025	0.671053	14.26742	-927.623	140.4942	212.7866	0.670465	13.1916
367.9665	0.662477	14.26742	-924.121	145.6945	220.2294	0.668198	13.39852
368.1305	0.658214	14.17035	-927.62	145.1532	220.3743	0.666801	13.38831
368.2945	0.665573	14.14724	-927.829	139.0726	207.9101	0.6698	13.18129
368.4585	0.665054	14.3644	-931.534	126.9954	189.0031	0.672533	13.18129
368.6225	0.661216	14.38773	-928.04	133.462	203.3574	0.672936	13.1913
368.7865	0.656272	14.26742	-927.829	145.1507	223.0072	0.667607	13.40853
368.9505	0.657891	14.36423	-924.128	125.0146	186.0862	0.662861	13.6058
369.1145	0.660836	14.38787	-931.316	110.0079	164.509	0.669593	13.39852
369.2785	0.66289	14.36414	-924.344	132.5133	204.261	0.674265	13.40833
369.4425	0.661111	14.388	-931.311	122.6353	182.9291	0.67447	13.606

369.6065	0.658167	14.26742	-924.349	120	182.3248	0.671147	13.39852
369.7705	0.660833	14.26742	-927.61	115.7782	174.4475	0.665471	13.38884
369.9345	0.665721	14.26742	-927.829	123.4432	186.9219	0.664	13.1909
370.0985	0.669775	14.26742	-927.829	136.8169	206.3523	0.664792	13.39852
370.2625	0.666226	14.3638	-924.135	133.0937	198.7212	0.666209	13.408
370.4265	0.667887	14.38833	-927.607	137.9042	207.5227	0.662683	13.60626
370.5905	0.668943	14.3637	-927.829	128.8822	190.8769	0.65821	13.39852
370.7545	0.669943	14.48465	-927.829	116.0397	171.273	0.655474	13.39852
370.9185	0.672828	14.48465	-927.829	144.3424	219.8573	0.654263	13.39852
371.0825	0.672058	14.38853	-927.829	127.2514	185.3339	0.65605	13.39852
371.2465	0.671058	14.26742	-927.829	126.3683	188.9073	0.659262	13.39852
371.4105	0.669117	14.26742	-935.201	109.3227	160.2467	0.660786	13.3894
371.5745	0.669941	14.36334	-924.602	119.4652	180.7038	0.663523	13.19031
371.7385	0.673765	14.38879	-923.914	129.5719	193.6392	1.017901	13.40747
371.9025	0.674	14.36321	-923.914	124.2719	183.1953	1.664294	13.61574
372.0665	0.671179	14.48465	-927.596	131.4071	197.2762	0.668	13.61574
372.2305	0.663479	14.48465	-927.829	108.6283	159.3359	0.668	13.60693
372.3945	0.667701	14.38899	-931.51	110.7228	167.0184	0.668521	13.39852
372.5585	0.66894	14.26742	-931.744	113.6802	170.2389	0.66948	13.4072
372.7225	0.669	14.26742	-928.066	99.72353	146.5279	0.669298	13.5985
372.8865	0.664304	14.36288	-931.506	93.64205	140.3598	0.671703	13.18129
373.0505	0.661183	14.38923	-928.068	87.12572	130.7134	0.668	13.18129
373.2145	0.657244	14.26742	-927.829	84.32173	127.9914	0.667741	13.19826
373.3785	0.660755	14.26742	-927.829	104.9719	162.6293	0.667259	13.59891
373.5425	0.659123	14.26742	-927.829	103.9686	156.8278	0.669292	13.18129
373.7065	0.65431	14.26742	-927.829	89.58773	134.469	0.673775	13.18964
373.8705	0.656813	14.26742	-927.829	92.86573	142.4491	0.674967	13.39852
374.0345	0.657	14.36255	-927.829	87.29671	131.6563	0.671484	13.39852
374.1985	0.657937	14.38959	-924.159	89.35062	136.4103	0.668197	13.39852
374.3625	0.661749	14.26742	-927.583	77.43973	114.7694	0.661714	13.40661
374.5265	0.668558	14.26742	-927.829	82.53342	124.7856	0.660056	13.60766
374.6905	0.67181	14.26742	-927.829	93.20415	140.3656	0.665743	13.39852
374.8545	0.669191	14.26742	-927.829	103.3669	155.9614	0.663717	13.39852
375.0185	0.669	14.26742	-924.164	90.78319	133.1642	0.659232	13.39852
375.1825	0.669	14.26742	-931.241	100.5397	152.5209	0.657256	13.39073
375.3465	0.671806	14.36205	-924.419	92.13625	135.2215	0.658767	13.18908
375.5105	0.67013	14.39006	-931.236	92.5061	138.4897	0.661511	13.39852
375.6745	0.66813	14.26742	-928.083	85.48214	126.5955	0.66249	13.39852
375.8385	0.664261	14.17293	-931.489	99.03113	151.799	0.65998	13.39852
376.0025	0.668673	14.14462	-931.744	82.80058	120.4122	0.658273	13.39852
376.1665	0.675539	14.26742	-931.744	96.52029	145.962	0.663017	13.39852
376.3305	0.675066	14.26742	-928.088	100	148.1336	0.667017	13.39109
376.4945	0.671265	14.26742	-924.173	105.8376	158.714	0.668985	13.18129
376.6585	0.670067	14.26742	-927.569	91.99359	134.6072	0.666507	13.18858
376.8225	0.670933	14.36155	-927.829	101.5008	153.5118	0.668253	13.39852
376.9865	0.673799	14.48465	-924.177	87.33842	126.6675	0.669253	13.39129
377.1505	0.675865	14.39062	-927.565	88.99664	132.5624	0.670506	13.18845

377.3145	0.667607	14.26742	-931.48	101.6581	154.3849	0.672253	13.39852
377.4785	0.661407	14.26742	-928.094	102.3351	154.4207	0.672243	13.39149
377.6425	0.65634	14.26742	-927.829	92.01404	138.3599	0.67	13.18825
377.8065	0.656932	14.26742	-924.182	79.18584	118.5662	0.669748	13.39852
377.9705	0.661657	14.26742	-923.914	76.16845	114.9681	0.670511	13.39162
378.1345	0.660137	14.26742	-931.206	85.97802	132.0607	0.674749	13.18812
378.2985	0.656276	14.26742	-928.099	92.98749	142.6058	0.839755	13.39852
378.4625	0.655069	14.26742	-927.829	81.53815	122.1853	1.334	-99999
378.6265	0.656861	14.26742	-927.829	79.83048	121.6851	-99999	13.39852
378.7905	0.65979	14.26742	-927.829	74.18874	111.3876	0.66825	13.39192
378.9545	0.66372	14.36086	-927.829	73.83013	111.387	0.669	13.18782
379.1185	0.661211	14.29791	-927.829	64.87138	96.4451	0.667501	13.39852
379.2825	0.661929	14.1435	-927.829	66.31828	100.7918	0.662501	13.39852
379.4465	0.665716	14.26742	-927.829	70.31705	106.2236	0.660252	13.40491
379.6105	0.671572	14.17423	-927.829	71.82896	107.1047	0.658498	13.60941
379.7745	0.672	14.14336	-931.465	76.14454	114.053	0.66	13.39225
379.9385	0.670143	14.26742	-928.109	80.31461	120.4438	0.658509	13.18749
380.1025	0.666288	14.26742	-931.463	89.28349	135.5054	0.654745	13.39238
380.2665	0.667856	14.26742	-931.744	105.9048	161.2585	0.657	13.18129
380.4305	0.669855	14.26742	-928.113	97.41166	143.3407	0.657248	13.18736
380.5945	0.67371	14.17452	-927.829	102.4492	153.3956	0.658991	13.39852
380.7585	0.672146	14.14303	-927.829	108.1372	161.6274	0.663731	13.39852
380.9225	0.670146	14.26742	-927.829	116.4442	175.1023	0.669741	13.39852
381.0865	0.666294	14.36013	-927.829	113.0391	168.7517	0.67126	13.39852
381.2505	0.667853	14.48465	-924.203	120.2652	181.5686	0.668753	13.39852
381.4145	0.669853	14.29937	-927.54	113.7354	168.3046	0.668493	13.39852
381.5785	0.675556	14.23534	-927.829	107.8689	158.9412	0.670492	13.39852
381.7425	1.286033	14.39214	-927.829	212.7162	174.7113	0.671508	13.39852
381.9065	0.711493	14.26742	-927.829	134.3137	171.3334	0.66951	13.39298
382.0705	-99999	-99999	-99999	-99999	-99999	0.667019	13.18676
382.2345	0.663	14.26742	-931.744	110	165.9125	0.665224	13.39312
382.3985	0.664849	14.17518	-928.125	121.5456	184.9138	0.670468	13.18129
382.5625	1.273103	14.14237	-927.829	211.3845	174.8042	0.675244	13.18656
382.7265	0.706783	14.26742	-927.829	143.4719	189.2772	0.67478	13.39325
382.8905	-99999	-99999	-99999	-99999	-99999	0.670756	13.1917
383.0545	0.655	14.17541	-927.829	128	195.4198	0.670244	13.61061
383.2185	0.657769	14.14215	-927.829	119.7669	180.5685	0.67173	13.39852
383.3825	0.655231	14.17551	-927.829	116.3537	177.2713	0.674486	13.39852
383.5465	0.660536	14.0502	-924.217	105.3029	157.4703	0.673815	13.38851
383.7105	0.661923	14.142	-931.137	99.7093	150.0335	0.665544	12.969
383.8745	0.665689	14.26742	-928.134	120.3824	184.7198	0.659788	13.18129
384.0385	0.670609	14.26742	-927.829	119.2453	176.7812	0.656242	13.1861
384.2025	0.671	14.26742	-935.046	108.137	159.3732	0.658209	13.39852
384.3665	0.669157	14.26742	-932.052	114.2164	172.1815	0.661517	13.39852
384.5305	0.665315	14.17588	-928.137	100.3923	148.0323	0.659034	13.39384
384.6945	0.663158	14.23315	-931.434	103.5694	157.3826	0.655759	13.1859
384.8585	0.665762	14.39322	-928.14	114.8505	174.3027	0.655482	13.39852

385.0225	0.672443	14.17604	-927.829	109.6138	161.684	0.657722	13.39852
385.1865	0.67208	14.14152	-927.829	130.9716	199.037	0.660962	13.39852
385.3505	0.667401	14.17618	-927.829	113.0377	165.1607	0.66328	13.39414
385.5145	0.66608	14.14137	-927.829	99.80196	148.3349	0.661	13.18129
385.6785	0.669677	14.35855	-924.23	107.834	162.8044	0.662437	13.18129
385.8425	0.678272	14.48465	-931.111	117.3739	174.3617	0.668196	13.18965
386.0065	0.677162	14.39362	-928.147	118.181	174.3763	0.672	13.61157
386.1705	0.672407	14.26742	-927.829	105.7171	154.9839	0.671522	13.39852
386.3345	0.66649	14.35834	-931.424	107.9115	162.8156	0.669046	13.39852
386.4985	0.662328	14.30292	-931.744	112.2731	170.1188	0.825918	13.39852
386.6625	0.665672	14.0502	-920.963	114.6362	172.5103	1.337	-99999
386.8265	0.661412	14.14096	-927.184	119.9069	182.2005	-99999	13.60792
386.9905	0.660083	14.17671	-927.829	118.5471	179.1402	0.674287	13.18514
387.1545	0.66	14.14084	-927.829	146.6077	227.4246	0.671525	13.39852
387.3185	0.658166	14.17683	-927.829	126.0371	186.4826	0.669052	13.39852
387.4825	0.658	14.14075	-931.418	137.9713	213.0197	0.666474	13.39487
387.6465	0.659833	14.26742	-931.744	134.652	202.7122	0.668473	13.1849
387.8105	0.66	14.26742	-924.571	150.9579	232.0508	0.671418	13.39497
387.9745	0.659084	14.26742	-931.084	152.552	231.0059	0.83155	13.18477
388.1385	0.659	14.17712	-928.16	155.2627	236.2092	1.176115	13.39852
388.3025	0.664492	14.0502	-927.829	170.6791	259.5426	0.661	13.39517
388.4665	0.67049	14.14039	-927.829	170.7391	254.0587	0.66147	13.18129
388.6305	0.671	14.35757	-927.829	170	253.3532	0.66347	13.18785
388.7945	0.665514	14.3946	-931.409	170.8146	256.8185	0.81941	13.61256
388.9585	0.662258	14.26742	-924.587	179.9574	273.397	1.166681	13.39852
389.1225	0.665656	14.26742	-927.492	166.5315	247.3422	0.656	13.39544
389.2865	0.668741	14.26742	-920.675	159.7446	238.2793	0.655766	13.18431
389.4505	0.672654	14.26742	-930.728	166.3231	248.5937	0.655701	13.39852
389.6145	0.668434	14.17763	-928.169	168	251.3348	0.6573	13.39852
389.7785	0.667087	14.13993	-931.403	151.7382	224.4686	0.656399	13.39567
389.9425	0.667913	14.26742	-928.171	150.4387	225.6849	0.661233	13.18693
390.1065	0.669825	14.26742	-924.257	168.8779	255.3923	0.662931	13.61299
390.2705	0.667263	14.17783	-927.485	160.0008	237.3853	0.667162	13.39583
390.4345	0.668824	14.0502	-924.259	165.9339	249.7355	0.671	13.18394
390.5985	0.671735	14.0502	-927.483	177.7424	266.3786	0.670536	13.39852
390.7625	0.668354	14.0502	-931.397	189.7403	285.6932	0.668073	13.39852
390.9265	0.667089	14.0502	-924.609	174.1489	257.7632	0.664306	13.39852
391.0905	0.668822	14.13952	-923.914	174.0562	260.9873	0.662925	13.39852
391.2545	0.668089	14.26742	-931.045	162.0247	240.1269	0.667847	13.39852
391.4185	0.666179	14.17822	-928.18	166.2959	250.9779	0.673539	13.3962
391.5825	0.659628	14.0502	-931.393	172.0523	261.5977	0.670848	13.18358
391.7465	0.65809	14.0502	-931.744	192.4446	296.0727	0.66677	13.3963
391.9105	0.66073	14.13925	-928.182	174.3197	259.6161	0.66692	13.18129
392.0745	0.661	14.17843	-927.829	177.0974	269.433	0.672067	13.18341
392.2385	0.658273	14.1391	-924.27	184.6649	281.5951	0.678541	13.39852
392.4025	0.655274	14.1786	-931.029	179.5285	272.7522	0.675856	13.39852
392.5665	0.655	14.13897	-928.187	168.296	255.1123	0.670628	13.39852

392.7305	0.66045	14.26742	-931.385	179.7442	274.7055	0.665086	13.39852
392.8945	0.66554	14.17876	-931.744	170.8769	254.5157	0.662913	13.39852
393.0585	0.666908	14.0502	-924.637	168.8079	253.2698	0.66486	13.39852
393.2225	0.668815	14.0502	-923.914	173.8463	260.8251	0.660772	13.39852
393.3865	0.670815	14.0502	-927.466	187.1117	281.158	0.66	13.39852
393.5505	0.670093	14.13866	-927.829	203.7235	306.5579	0.659546	13.39852
393.7145	0.67272	14.17903	-927.829	166.6506	240.3383	0.658	13.39852
393.8785	0.673	14.13854	-927.829	183.6205	277.7318	0.658454	13.39998
394.0425	0.668469	14.17913	-927.829	185.161	276.0927	0.66	13.61432
394.2065	0.666188	14.0502	-931.376	184	276.1985	0.659774	13.39716
394.3705	0.665094	14.13839	-928.198	199.3148	302.5339	0.659	13.18258
394.5345	0.667717	14.17929	-927.829	187.6904	278.2649	0.660354	13.39852
394.6985	0.670716	14.0502	-931.373	189.6382	283.778	0.666353	13.39852
394.8625	0.671905	14.0502	-928.201	183.7525	272.1448	0.671	13.39852
395.0265	0.669286	14.13817	-927.829	186.83	280.0469	0.66965	13.39852
395.1905	0.666286	14.35535	-927.829	173.5132	257.7122	0.664326	13.39852
395.3545	0.667809	14.30892	-924.289	184.4818	278.9324	0.662898	13.39852
395.5185	0.674328	14.0502	-927.453	188.8042	280.1379	0.666673	13.39852
395.6825	0.670482	14.13793	-927.829	201.8625	303.4695	0.669896	13.39679
395.8465	0.658256	14.17974	-927.829	183.302	274.3129	0.671882	12.96566
396.0105	0.657	14.13783	-931.365	178	270.9285	0.667777	13.39779
396.1745	0.657903	14.26742	-928.209	171.5746	259.5785	0.667223	13.18199
396.3385	0.661611	14.26742	-927.829	210.1434	325.1259	0.668446	13.39852
396.5025	0.661098	14.26742	-927.829	206.3543	309.5693	0.669332	13.39852
396.6665	0.660098	14.26742	-927.829	183.7421	274.7231	0.667445	13.39852
396.8305	0.657294	14.26742	-931.36	199.8579	308.026	0.669667	13.39852
396.9945	0.658804	14.26742	-928.214	180.9414	270.1201	0.671113	13.39852
397.1585	0.659901	14.18017	-931.358	197.4461	303.4338	0.667778	13.39852
397.3225	0.663605	14.1374	-931.744	178.9561	265.186	0.667443	12.96407
397.4865	0.664	14.26742	-928.217	188.2226	286.3231	0.668779	13.39852
397.6505	0.663099	14.18032	-927.829	193.602	292.2669	0.667558	13.18129
397.8145	0.664801	14.13723	-927.829	194	291.8169	0.664455	13.61574
397.9785	0.6668	14.26742	-927.829	158.7812	231.5574	0.65878	13.39852
398.1425	0.6724	14.18048	-927.829	176.4081	267.216	0.658661	13.18129
398.3065	0.671201	14.13708	-927.829	179.0002	265.9414	0.661	13.18129
398.4705	0.669201	14.18058	-931.351	170.0021	252.5424	0.660341	13.39852
398.6345	0.665403	14.22374	-924.703	168.7995	253.8318	0.657122	13.18129
398.7985	0.666798	14.31121	-927.434	200.9683	307.3629	0.654439	13.18129
398.9625	0.671494	14.0502	-927.829	194.6176	287.1721	0.657095	13.18129
399.1265	0.674695	14.0502	-931.345	195.7907	291.0758	0.662092	13.18129
399.2905	0.673204	14.1367	-928.228	164.2713	237.9197	0.666218	13.61574
399.4545	0.669409	14.26742	-927.829	153.606	229.0163	0.667436	12.96407
399.6185	0.667205	14.18104	-927.829	177.7281	271.0264	0.669436	13.18129
399.7825	0.668795	14.13654	-927.829	177.62	264.392	0.670783	13.18129
399.9465	0.670794	14.18113	-927.829	202.3084	306.4911	0.670652	13.18129
400.1105	0.669206	14.13644	-927.829	189.871	280.1368	0.673	13.39785
400.2745	0.667207	14.18125	-924.319	198.545	300.1262	0.671917	13.39852

400.4385	0.65983	14.0502	-927.423	188.4602	283.0234	0.667567	13.39852
400.6025	0.660792	14.13627	-927.829	190.5739	289.4567	0.665784	13.39852
400.7665	0.661896	14.1814	-931.336	188.816	284.6633	0.665648	13.18215
400.9305	0.662	14.13617	-928.238	190.3875	288.0466	0.668647	12.96499
401.0945	0.662	14.18151	-927.829	179.0668	268.2327	0.671216	13.3966
401.2585	0.65663	14.13605	-931.333	193.4953	298.0535	0.671354	13.39852
401.4225	0.647946	14.35323	-924.737	200.3852	309.7356	0.668355	12.96619
401.5865	0.655946	14.39889	-930.918	185.1044	279.2027	0.66643	13.39626
401.7505	0.659683	14.26742	-924.741	178.6162	270.3092	0.669502	13.39852
401.9145	0.66	14.26742	-930.915	170.8511	257.5045	0.673929	13.39852
402.0785	0.662681	14.26742	-928.245	178.5282	271.2025	0.667217	13.39852
402.2425	0.663	14.26742	-927.829	177.0308	266.2621	0.657	13.39852
402.4065	0.669252	14.18196	-927.829	184.7275	277.6472	0.657213	13.18272
402.5705	0.677144	14.0502	-927.829	167.1694	243.2348	0.658853	13.39703
402.7345	0.671751	14.0502	-931.324	174.6872	262.4507	0.661787	13.39852
402.8985	0.668323	14.0502	-928.25	174.8294	260.995	0.660787	13.39852
403.0625	0.665323	14.0502	-927.829	176.3774	265.5528	0.659363	13.18292
403.2265	0.666784	14.0502	-931.321	171.4547	256.0925	0.657424	13.39683
403.3905	0.669675	14.0502	-928.253	182.6721	275.1517	0.659212	13.61399
403.5545	0.670892	14.13528	-924.339	197.0842	295.844	0.660847	13.40031
403.7185	0.671	14.26742	-927.403	169.9258	247.5916	0.664	13.39852
403.8825	0.669218	14.26742	-927.829	178.6161	270.0438	0.663789	13.39852
404.0465	0.668109	14.26742	-927.829	178.2551	265.9079	0.663422	13.39852
404.2105	0.669781	14.26742	-927.829	174.6281	260.2788	0.665421	13.39852
404.3745	0.674451	14.18264	-927.829	177.9518	264.5828	0.668262	13.39852
404.5385	0.675	14.0502	-924.345	163.989	240.1379	0.67258	13.18345
404.7025	0.672331	14.0502	-927.397	175.7973	264.4567	0.67058	13.39633
404.8665	0.667553	14.0502	-924.347	176.8416	264.3094	0.668162	13.39852
405.0305	0.663443	14.0502	-927.395	178.3682	269.3073	0.665419	13.39852
405.1945	0.665667	14.13471	-927.829	175.8435	263.565	0.668045	13.39852
405.3585	0.661557	14.18296	-927.829	179.733	272.5951	0.672627	12.9689
405.5225	0.656558	14.0502	-927.829	188.0978	287.8709	0.674583	13.39361
405.6865	0.655112	14.0502	-927.829	182.1163	276.4672	0.672166	13.18381
405.8505	0.656776	14.13448	-927.829	177.6359	270.0124	0.668584	12.96668
406.0145	0.659663	14.26742	-927.829	168.3346	253.527	0.667415	13.17864
406.1785	0.659113	14.18326	-931.302	173.0871	263.9709	0.669415	13.3958
406.3425	0.656339	14.0502	-931.744	171.8509	261.2222	0.670586	13.18404
406.5065	0.657774	14.13426	-928.272	168.639	255.925	0.668379	13.18129
406.6705	0.661547	14.26742	-927.829	159.345	239.2191	0.66476	12.96695
406.8345	0.664659	14.18347	-927.829	175.0905	266.8668	0.660207	12.96407
406.9985	0.665	14.1341	-931.298	192.5798	291.9946	0.661206	13.39255
407.1625	0.670315	14.26742	-928.276	179.4929	264.678	0.662	13.18431
407.3265	0.667458	14.26742	-927.829	192.2872	291.3989	0.662	13.39544
407.4905	0.665229	14.18367	-927.829	167.1474	245.5448	0.660767	12.97036
407.6545	0.667655	14.13388	-927.829	178.633	271.2726	0.654153	13.17811
407.8185	0.672424	14.18379	-924.365	191.8502	286.7856	0.649051	13.39527
407.9825	0.674769	14.0502	-927.377	190.0758	280.9531	0.657614	13.39852

408.1465	0.674116	14.0502	-927.829	185.8618	275.119	0.66	13.18464
408.3105	0.668695	14.0502	-924.368	168.5282	248.8646	0.660613	13.18129
408.4745	0.666232	14.0502	-923.914	179.682	272.7038	0.663	12.96751
408.6385	0.671302	14.13357	-930.832	167.5403	246.4847	0.664427	13.17778
408.8025	0.672883	14.1841	-931.744	173.9706	260.6182	0.671629	13.39497
408.9665	0.671234	14.0502	-924.829	175.4333	261.0615	0.676576	13.1849
409.1305	0.668351	14.13342	-923.914	188.3136	284.3094	0.670391	12.96774
409.2945	0.667118	14.26742	-923.914	197.478	297.0656	0.667393	12.96407
409.4585	0.67141	14.26742	-927.367	198.2177	295.0802	0.665405	13.17745
409.6225	0.668473	14.18443	-927.829	158.1137	228.8692	0.667606	13.18129
409.7865	0.665355	14.0502	-924.378	169.6726	259.3808	0.670202	13.39457
409.9505	0.65883	14.13309	-927.365	193.9774	297.9532	0.671	13.39852
410.1145	0.658	14.26742	-927.829	185.717	279.6666	0.670597	12.97215
410.2785	0.661523	14.18465	-924.381	181.2189	273.7931	0.668799	13.3903
410.4425	0.663761	14.13292	-923.914	176.3148	264.7308	0.668402	13.18544
410.6065	0.661359	14.26742	-930.807	189.0507	288.5813	0.671003	13.18129
410.7705	0.657479	14.18479	-928.298	182.8547	276.13	0.675	13.39424
410.9345	0.65436	14.0502	-927.829	176.0993	268.3512	0.6744	13.39852
411.0985	0.65488	14.1327	-931.273	175.7798	268.5677	0.671001	13.39852
411.2625	0.660277	14.26742	-931.744	179.8982	273.2097	0.666202	13.1857
411.4265	0.666275	14.18501	-935.186	169.3094	251.8908	0.663598	13.39404
411.5905	0.667	14.0502	-928.776	181.5837	275.232	0.665004	13.39852
411.7545	0.667	14.0502	-931.269	178.2109	265.6867	0.660006	13.18587
411.9185	0.667	14.0502	-928.305	184.5647	278.3543	0.655801	13.18129
412.0825	0.668757	14.13239	-927.829	201.79	304.5658	0.655397	13.18129
412.2465	0.67339	14.18528	-927.829	189.6588	278.5627	0.657595	12.96881
412.4105	0.668733	14.0502	-927.829	181.8881	271.3886	0.659802	12.96407
412.5745	0.663613	14.13223	-924.394	172.4454	258.1927	0.658407	13.17645
412.7385	0.663877	14.26742	-927.348	196.426	300.9793	0.656395	13.18129
412.9025	0.667507	14.18552	-934.695	178.3574	262.2983	0.658788	12.96904
413.0665	0.67063	14.0502	-932.227	190.4194	287.6437	0.662591	13.38844
413.2305	0.671876	14.0502	-931.744	194.4468	289.1121	0.664804	13.39852
413.3945	0.672	14.0502	-931.744	180.8026	266.5271	0.66557	13.39852
413.5585	0.670248	14.0502	-928.315	183.9841	275.8459	0.67102	13.39852
413.7225	0.672627	14.0502	-920.973	190.655	284.3348	0.666609	13.39852
413.8865	0.673	14.0502	-930.28	185.02	273.5838	0.665587	12.97467
414.0505	0.672125	14.13173	-928.318	179.1232	265.7592	0.668977	13.38778
414.2145	0.667626	14.26742	-931.254	166.3735	246.9431	0.67339	13.39852
414.3785	0.661753	14.18601	-928.32	171.5227	260.8721	0.674805	13.39852
414.5425	0.658377	14.13156	-927.829	166.2539	250.9981	0.672833	13.18679
414.7065	0.659748	14.18611	-931.251	181.0354	277.7173	0.667611	13.18129
414.8705	0.662622	14.0502	-931.744	200.7088	305.7491	0.667165	12.9697
415.0345	0.664747	14.0502	-924.903	191.0702	284.7401	0.672194	13.38718
415.1985	0.661507	13.96905	-927.333	185.4529	280.0466	0.672613	13.39852
415.3625	0.654888	13.83297	-927.829	183.4532	279.8244	0.67042	13.18706
415.5265	0.655746	13.83297	-927.829	176.0433	267.0983	0.667807	13.39265
415.6905	0.660363	13.91394	-931.245	163.1811	245.012	0.667964	13.18722

415.8545	0.664489	14.0502	-931.744	193.2177	297.1913	0.67123	13.18129
416.0185	0.664128	14.0502	-928.33	203	305.664	0.667423	12.9701
416.1825	0.665743	14.0502	-927.829	178.3005	263.041	0.663657	12.96407
416.3465	0.666	14.13091	-927.829	167.9136	251.5233	0.658	13.17513
416.5105	0.666871	14.18675	-927.829	187.8279	285.6894	0.658765	13.39229
416.6745	0.669613	14.0502	-927.829	168.5526	246.8244	0.662382	13.18756
416.8385	0.67	14.0502	-927.829	178.729	270.1852	0.663427	13.39219
417.0025	0.666518	14.0502	-927.829	183.2294	274.7556	0.660238	13.39852
417.1665	0.66339	14.0502	-931.236	183	275.8567	0.656429	13.18772
417.3305	0.66561	14.0502	-928.338	185.3105	278.8553	0.65419	13.39202
417.4945	0.672088	14.0502	-927.829	179.0708	265.1225	0.656139	13.18782
417.6585	0.673869	14.0502	-927.829	193.1617	289.7502	0.662138	13.18129
417.8225	0.673131	14.0502	-931.232	198	294.1479	0.667	13.18129
417.9865	0.66518	14.0502	-924.94	170.3107	250.5592	0.667	12.97076
418.1505	0.662263	14.0502	-927.315	176.6103	269.5505	0.667	13.38499
418.3145	0.668079	14.0502	-931.229	174.8505	260.5439	0.667377	13.18809
418.4785	0.674209	14.0502	-931.744	179.9155	268.175	0.669942	13.18129
418.6425	0.667188	14.0502	-931.744	184.3046	276.7022	0.672871	12.97096
418.8065	0.644307	14.0502	-924.95	165.0339	251.9825	0.66706	13.3846
418.9705	0.636662	14.0502	-923.914	170.5161	270.2026	0.663188	13.39852
419.1345	0.640336	14.0502	-923.914	191.6518	302.8526	0.66475	13.18835
419.2985	0.641	14.0502	-930.702	177.0537	272.1673	0.668562	13.18129
419.4625	0.6384	14.0502	-924.957	172.534	270.5751	0.671187	12.97123
419.6265	0.634535	14.0502	-927.306	182.9652	290.4061	0.672	13.17403
419.7905	0.629669	14.12977	-917.656	176.0372	277.4936	0.671627	13.39119
419.9545	0.632463	14.26742	-922.863	169.1689	266.6966	0.670558	13.18865
420.1185	0.633866	14.18798	-927.303	164.1714	258.2132	0.673	13.18129
420.2825	0.633135	14.0502	-931.217	169.1245	268.3867	0.672814	13.18129
420.4465	0.635595	14.12954	-928.357	180.184	285.3628	0.671073	13.18129
420.6105	0.636865	14.26742	-927.829	158.5191	243.8874	0.66589	13.18129
420.7745	0.640458	14.18817	-927.829	180.0684	287.0225	0.660445	12.97169
420.9385	0.644458	14.0502	-927.829	176.7682	271.8269	0.658369	12.96407
421.1025	0.645864	13.97105	-927.829	182.1722	283.9116	0.660553	13.38313
421.2665	0.644272	13.91205	-927.829	168.1895	257.6339	0.663369	13.18911
421.4305	0.643136	14.0502	-931.211	175.2209	274.9413	0.664265	13.39069
421.5945	0.642137	14.0502	-928.364	153.033	233.0353	0.659714	13.18918
421.7585	0.643727	14.1291	-924.449	154.9225	242.677	0.654367	13.18129
421.9225	0.645726	14.18854	-927.293	169.4469	264.7245	0.656916	13.39056
422.0865	0.645137	14.0502	-931.206	149.3503	226.6979	0.661732	13.39852
422.2505	0.641549	14.0502	-924.99	157.2518	248.2555	0.664818	13.18938
422.4146	0.641	14.0502	-927.289	174.2002	274.2493	0.664365	13.18129
422.5786	0.641	14.0502	-924.454	168.8554	261.5533	0.666	12.97229
422.7426	0.646171	14.0502	-927.288	167.5238	259.5646	0.666182	13.17307
422.9066	0.646139	14.0502	-927.829	142.8648	215.9998	0.667545	13.18129
423.0705	0.646861	14.0502	-931.2	162.3982	256.6136	0.67	13.3901
423.2345	0.643558	14.0502	-931.744	167.1951	259.0197	0.669276	13.39852
423.3985	0.64214	14.0502	-931.744	166.7605	259.8512	0.665458	13.18984

423.5625	0.635978	13.97191	-925.008	137.3452	209.7578	0.663541	13.18129
423.7265	0.63414	13.91119	-930.647	156.1254	252.0336	0.667262	13.18129
423.8905	0.63486	14.0502	-928.377	170.3189	269.3791	0.67318	13.38983
424.0545	0.635859	14.0502	-931.193	162.123	252.9345	0.67382	13.19004
424.2185	0.633422	14.0502	-928.38	166.593	264.5928	0.671385	12.97288
424.3825	0.633859	14.0502	-927.829	159.131	249.007	0.663642	13.38088
424.5465	0.636576	14.12815	-931.191	159.0357	250.4539	0.663254	13.19024
424.7105	0.637859	14.18951	-928.382	163.0345	256.2228	0.670072	13.38957
424.8745	0.635426	14.0502	-924.469	158.6902	248.6356	0.673393	12.9821
425.0385	0.633284	14.0502	-937.351	159.2742	251.981	0.661545	13.17221
425.2025	0.634716	14.0502	-929.499	167.5794	265.5903	0.64011	13.38943
425.3665	0.641003	14.0502	-927.829	144.9957	221.1368	0.636889	13.39852
425.5305	0.644572	14.0502	-917.759	160.4794	253.7553	0.641	13.39852
425.6945	0.642429	14.0502	-926.149	171.7866	268.182	0.640468	13.39852
425.8585	0.641143	13.97268	-931.183	151.0509	231.0657	0.637292	13.19064
426.0225	0.641857	13.91046	-925.037	142.4866	221.6808	0.633116	13.18129
426.1865	0.645425	13.97277	-930.619	160.1556	251.823	0.629707	13.18129
426.3505	0.646856	13.91035	-928.392	138.0214	207.6608	0.633176	13.18129
426.5145	0.645289	13.97293	-931.178	147.1392	231.7394	0.633824	13.18129
426.6785	0.645	13.91015	-928.395	160.5534	250.4699	0.633526	13.18129
426.8425	0.644145	14.0502	-931.176	157.7137	243.7547	0.636175	12.97375
427.0065	0.644855	14.0502	-928.398	154.4901	239.2646	0.6377	13.17148
427.1705	0.650128	14.0502	-924.483	150.9814	231.6273	0.641698	12.97388
427.3345	0.648437	14.1272	-927.258	152.2637	235.2805	0.757585	13.37876
427.4985	0.645438	14.11359	-931.173	166.5741	260.8841	1.29	-99999
427.6625	0.643292	13.90986	-928.401	155.1667	237.9348	-99999	13.18129
427.8265	0.640439	14.0502	-931.17	143.9701	223.5458	0.642826	13.38844
427.9905	0.64256	14.0502	-928.403	171.3839	272.7578	0.642347	13.19137
428.1545	0.640441	14.0502	-927.829	150.8657	229.3085	0.64452	13.18129
428.3185	0.641706	14.0502	-931.168	172.6217	275.5223	0.646481	13.18129
428.4825	0.636884	14.0502	-928.406	166.4396	257.8467	0.643482	13.38831
428.6465	0.635148	14.0502	-927.829	155.7324	244.0889	0.641	13.19163
428.8105	0.637557	14.0502	-927.829	165.2832	261.5852	0.641172	12.97441
428.9745	0.637148	14.0502	-927.829	164.4872	257.2218	0.642689	13.3777
429.1385	0.629335	14.0502	-931.163	161.4966	256.2979	0.646	13.19176
429.3025	0.628851	14.0502	-931.744	162.5031	258.7295	0.646172	13.18129
429.4665	0.629851	14.0502	-931.744	171.2643	273.6516	0.646314	13.18129
429.6305	0.633404	14.0502	-928.412	177.755	281.4192	0.642829	13.38791
429.7945	0.639954	14.0502	-924.499	174.4945	271.7509	0.640804	13.39852
429.9585	0.64355	14.0502	-927.242	160.2474	246.3809	0.63483	13.39852
430.1225	0.644	13.97416	-924.502	156	242.236	0.63417	13.1921
430.2865	0.64485	13.90894	-930.566	141.7543	216.8913	0.63517	13.18129
430.4505	0.643301	13.97427	-928.418	147.4925	231.4607	0.635492	13.18129
430.6145	0.645547	13.98472	-927.829	146.5037	226.0254	0.633169	13.18129
430.7785	0.646849	14.19163	-931.152	158.4808	247.7807	0.634507	13.18129
430.9425	0.643605	14.0502	-928.421	153.2659	236.1044	0.637169	13.18129
431.1065	0.643	14.0502	-931.15	152.2457	237.2395	0.637494	13.38732

431.2705	0.638759	14.0502	-931.744	173.9509	276.7581	0.634664	13.39852
431.4345	0.643934	13.97458	-925.106	168.2811	258.7444	0.633336	13.19256
431.5985	0.649238	13.90849	-930.551	161.0092	247.3891	0.636175	13.18129
431.7625	0.65	14.0502	-928.426	158.5049	243.5464	0.642503	13.38718
431.9265	0.645764	14.0502	-931.145	157.2527	243.3598	0.644665	13.19276
432.0905	0.643306	14.0502	-928.428	148.7827	229.5611	0.642499	13.18129
432.2545	0.644693	14.12554	-927.829	181.8535	289.4639	0.748165	12.9756
432.4185	0.648386	14.19216	-927.829	193.2535	297.9018	1.288	-99999
432.5825	0.648154	14.0502	-931.142	157.9222	236.3932	-99999	12.96407
432.7465	0.648	13.97503	-931.744	148.2383	229.2248	0.646668	12.96407
432.9105	0.654767	13.83297	-928.432	170.6283	264.9591	0.645	13.37504
433.0745	0.653464	13.90805	-927.829	166.8141	252.9772	0.644834	13.19309
433.2385	0.653845	14.0502	-931.138	169.7074	260.9263	0.644165	13.18129
433.4025	0.653155	14.0502	-931.744	165.294	251.6913	0.645991	13.18129
433.5665	0.650466	13.97529	-931.744	159.2756	244.0928	0.650505	13.18129
433.7305	0.647466	13.83297	-931.744	155.0217	238.8071	0.647506	13.18129
433.8945	0.645312	13.90779	-928.439	152.511	236.0272	0.644671	13.38645
434.0585	0.64922	14.0502	-931.133	162.4167	252.3077	0.642508	12.98833
434.2225	0.654217	14.0502	-928.442	166	253.7403	0.640491	13.37412
434.3865	0.657529	13.97562	-927.829	164.5133	249.8981	0.64251	13.19362
434.5505	0.655471	13.9075	-924.528	155.8264	236.0436	0.640326	13.18129
434.7145	0.652472	14.0502	-930.511	146.3132	222.8626	0.641022	13.18129
434.8785	0.657897	14.0502	-928.446	169.2459	262.3493	0.635837	13.18129
435.0425	0.663211	13.97582	-927.829	169.8339	254.4405	0.635487	13.38605
435.2065	0.661474	13.83297	-924.533	155.8679	233.3613	0.637838	12.98925
435.3705	0.661	13.90724	-927.21	150.5163	227.4073	0.635544	13.16869
435.5345	0.658476	13.97598	-931.123	152.967	232.9141	0.628162	13.18129
435.6985	0.660524	13.9071	-931.744	176.9805	272.6033	0.629161	13.38579
435.8625	0.664364	14.0502	-928.451	177.5885	265.8163	0.630645	13.19402
436.0265	0.665841	14.0502	-927.829	172.7772	259.0387	0.635128	13.38566
436.1905	0.664319	13.9762	-927.829	165.3345	247.5177	0.641482	13.19416
436.3545	0.658119	13.90692	-927.829	160.7784	243.843	0.644	13.18129
436.5185	0.65952	14.0502	-931.118	167.4008	255.3293	0.64416	13.18129
436.6825	0.66168	14.0502	-928.456	164.8205	248.0423	0.64468	12.97706
436.8465	0.66284	14.0502	-931.115	159.3015	239.5808	0.64348	13.37228
437.0105	0.663839	14.0502	-928.458	166.1333	251.9158	0.646159	12.99032
437.1745	0.659805	13.97651	-931.113	155.6923	233.2236	0.646522	13.1681
437.3385	0.654806	13.90657	-928.46	159.1275	244.7132	0.643682	12.97732
437.5025	0.654839	13.97662	-924.546	147.9646	223.0643	0.641365	13.37199
437.6665	0.655	13.90648	-930.478	143.7385	219.6004	0.63911	13.19468
437.8305	0.651647	13.97673	-928.462	135.1419	205.5286	0.645791	13.18129
437.9945	0.650162	13.90639	-931.109	159.3095	250.7111	0.65	13.38506
438.1585	0.647487	13.97686	-925.186	166.0494	255.8314	0.649211	13.19481
438.3225	0.649512	13.90628	-930.47	168.6874	260.4788	0.644685	12.97759
438.4865	0.650837	13.97695	-928.467	171.4745	263.7738	0.643315	13.37121
438.6505	0.649326	13.90617	-937.659	163.1565	249.4144	0.645628	13.39852
438.8145	0.650673	14.0502	-933.024	154.105	235.6202	0.648843	13.19501

438.9785	0.653509	14.0502	-928.47	164.5192	254.3321	0.648	12.97785
439.1425	0.655672	14.0502	-927.829	171.9451	262.8494	0.64925	12.96407
439.3065	0.661015	13.97721	-931.101	157.5432	235.2076	0.655532	13.16738
439.4706	0.662836	13.90591	-925.2	156.4144	236.8814	0.653156	13.38459
439.6346	0.66133	13.9773	-927.184	158	238.913	0.653844	13.19528
439.7986	0.658495	13.90578	-924.559	150.6479	227.2495	0.652534	12.77495
439.9626	0.657165	13.97741	-927.183	152.4103	232.8346	0.649535	13.35635
440.1265	0.656166	13.83297	-924.563	162.0797	248.6867	0.646845	13.19554
440.2905	0.661006	13.90558	-930.446	151.7843	226.9391	0.646463	13.18129
440.4545	0.662834	14.0502	-928.48	176.3651	272.0762	0.649925	13.3842
440.6185	0.657998	14.0502	-931.093	153.2508	225.8312	0.655461	13.39852
440.7825	0.660334	14.12265	-928.481	143.2005	217.3119	0.657539	12.99284
440.9465	0.663499	14.05026	-927.829	140.3335	210.7586	0.65454	13.16678
441.1105	0.666499	13.76043	-924.568	154.3927	234.7803	0.653071	13.384
441.2745	0.665335	14.0502	-927.173	152.6709	227.9616	0.659764	13.39852
441.4385	0.66167	14.0502	-927.829	158.7895	241.8121	0.663695	13.19594
441.6025	0.660168	13.97801	-927.829	156.1416	235.3054	0.661695	13.18129
441.7665	0.658336	13.83297	-927.829	151.8038	230.1306	0.659696	12.97884
441.9305	0.657168	13.83297	-927.829	167.0989	257.6273	0.658455	13.1665
442.0945	0.652012	13.83297	-931.083	162.0247	246.1812	0.661607	13.18129
442.2585	0.648506	13.83297	-928.49	156.5375	241.0721	0.665151	13.18129
442.4225	0.648831	13.83297	-927.829	142.8407	217.3863	0.665698	13.18129
442.5865	0.652323	13.83297	-924.577	167.9649	263.7063	0.662943	12.97911
442.7505	0.654661	13.90478	-930.417	145.3949	215.093	0.657452	12.76189
442.9145	0.65168	14.0502	-928.494	143.957	223.2153	0.660301	13.15106
443.0785	0.65017	13.97852	-927.829	148	227.6328	0.66215	13.18129
443.2425	0.64917	13.83297	-931.077	151.6493	234.3757	0.66315	13.38333
443.4065	0.652318	13.90456	-928.497	169.0519	262.4932	0.663251	13.1966
443.5705	0.658804	13.97871	-924.583	153.1294	227.9529	0.658255	13.18129
443.7345	0.661657	13.83297	-927.158	152.2894	231.6629	0.654149	12.97951
443.8985	0.662	13.83297	-931.072	155	234.139	0.655	12.96407
444.0625	1.200328	13.83297	-925.259	292.6538	257.375	0.654407	13.36749
444.2265	0.773043	13.83297	-927.155	210.0287	245.5234	0.650852	13.39852
444.3905	-99999	-99999	-99999	-99999	-99999	0.649705	12.79379
444.5545	0.662	13.7618	-931.744	162	244.713	0.648148	13.14987
444.7185	0.661173	13.68683	-931.744	154.7273	232.5045	0.649295	13.18129
444.8825	0.658519	13.90403	-931.744	165.815	254.7009	0.650853	12.97985
445.0465	0.658827	14.0502	-928.508	168.8194	255.7891	0.65	13.16539
445.2105	0.663133	13.97925	-927.829	165.8203	249.6102	0.650586	12.97998
445.3745	0.664	13.83297	-927.829	156.2821	233.5642	0.654293	13.16532
445.5385	0.658218	13.90379	-927.829	157.3563	239.993	0.657023	13.18129
445.7025	0.658652	14.0502	-927.829	169.8883	260.1983	0.662854	13.18129
445.8665	0.660651	13.97947	-931.061	159.4867	238.4012	0.661854	13.18129
446.0305	0.661	13.90365	-931.744	159.8029	242.97	0.660564	13.38234
446.1945	0.661	14.0502	-925.285	155.4725	233.8517	0.657855	12.99655
446.3585	0.657701	13.97964	-927.143	152.2752	231.3744	0.656855	12.96407
446.5225	0.657	13.9035	-931.057	161.4206	247.6696	0.656868	13.36589

446.6865	0.65123	13.97973	-928.517	175.1422	271.1234	0.662145	13.39852
446.8505	0.65	13.83297	-927.829	160.8965	243.6855	0.66228	12.99695
447.0145	0.654117	13.83297	-927.829	156.895	240.4622	0.658288	12.96407
447.1785	0.65253	13.83297	-931.052	152.2135	232.0338	0.660574	12.76348
447.3425	0.649531	13.83297	-931.744	155.7851	241.0815	0.66443	13.148
447.5065	0.646532	13.9031	-925.302	171.7354	268.5788	0.666714	12.98083
447.6705	0.645177	13.98011	-923.914	158.2121	241.1822	0.66443	12.96407
447.8345	0.654044	13.90302	-930.351	171.9533	267.226	0.660858	13.36484
447.9985	0.660932	14.0502	-931.744	175.6675	264.8954	0.659716	13.39852
448.1625	0.662	13.98026	-928.527	170.3904	256.633	0.657858	13.1982
448.3265	0.661179	13.90284	-927.829	160.3396	240.6908	0.656149	13.18129
448.4905	0.661	14.0502	-927.829	151.9503	228.82	0.650576	13.38148
448.6545	0.662642	14.0502	-924.615	169.4753	259.7984	0.648141	12.99827
448.8185	0.663821	14.0502	-930.341	178.4417	269.1107	0.649564	13.16412
448.9825	0.660718	13.98053	-928.531	170.3517	255.9996	0.653282	13.18129
449.1465	0.65836	13.90257	-927.829	167.7205	254.9078	0.654437	13.18129
449.3105	0.65636	13.98064	-927.829	165.8395	252.2066	0.65086	12.98137
449.4745	0.659279	13.83297	-927.829	162.8397	246.5489	0.64986	13.16392
449.6385	0.664098	13.90239	-927.829	167.7572	253.8018	0.649559	13.18129
449.8025	0.664181	14.0502	-927.829	159.2079	237.4452	0.653977	13.18129
449.9665	0.659905	13.98086	-931.035	167.2273	256.0129	0.660279	13.38096
450.1305	0.658181	13.83297	-918.919	169.8432	257.5924	0.662	13.39852
450.2945	0.662911	13.83297	-928.901	179.783	273.4292	0.75225	12.99933
450.4585	0.664818	13.83297	-928.54	168.1946	249.6933	1.22181	13.16359
450.6225	0.664182	13.83297	-931.031	152.6667	227.8975	0.661	13.18129
450.7865	0.655825	13.83297	-925.343	176.2737	274.7035	0.661276	13.18129
450.9505	0.646643	13.83297	-923.914	154.7159	232.1621	0.662588	13.18129
451.1145	0.649902	13.83297	-927.112	147.7387	228.5368	0.659725	13.18129
451.2785	0.654267	13.83297	-931.027	171.507	266.6783	0.658137	13.38049
451.4425	0.653367	13.90178	-928.547	175.6996	267.9933	0.659684	13.19933
451.6065	0.650551	14.0502	-924.633	161.1028	244.8613	0.664	13.18129
451.7705	0.648368	14.0502	-927.11	153.8514	236.8257	0.663047	13.18129
451.9345	0.647184	14.0502	-931.023	174.4835	274.233	0.657272	12.7833
452.0985	0.651894	13.98163	-931.744	176.5589	269.4828	0.659272	12.94577
452.2625	0.654631	13.83297	-928.552	177.5775	272.0233	0.661	13.16299
452.4265	0.659075	13.90145	-924.638	179	271.595	0.661	13.3801
452.5905	0.657555	14.0502	-923.914	176.8551	268.4999	0.66046	13.19973
452.7545	0.658629	13.98181	-927.103	179.5745	273.4021	0.657	13.18129
452.9185	0.659	13.90127	-931.017	148.1348	217.8107	0.656058	13.18129
453.0825	0.661443	14.0502	-931.744	165	255.7536	0.65	13.18129
453.2465	0.662814	13.98199	-931.744	163.4327	243.7203	0.650671	13.18129
453.4105	0.661372	13.90113	-931.744	150.1486	225.3547	0.654599	12.78424
453.5745	0.659373	13.91395	-928.56	164.1282	252.5587	0.651733	13.14377
453.7385	0.66144	13.75181	-927.829	172.4265	260.9846	0.649333	13.18129
453.9025	0.665252	14.0502	-927.829	185.8352	282.0247	0.645	12.9829
454.0665	0.666	13.98225	-927.829	173.1788	256.2825	0.646463	13.16234
454.2305	0.66275	13.83297	-934.191	189.5139	290.9791	0.656795	13.18129

454.3945	0.658752	13.90083	-929.3	174.7766	260.1266	0.662	12.98309
454.5585	0.659624	13.98243	-927.829	177.8163	272.2874	0.661868	12.96407
454.7225	0.662435	13.83297	-931.007	170.1868	254.2167	0.661	13.1622
454.8865	0.662189	13.83297	-928.567	175.6744	267.5593	0.661264	12.78527
455.0505	0.659566	13.83297	-927.829	194.9377	298.7627	0.663131	12.94484
455.2145	0.656568	13.83297	-924.655	195.3101	296.2501	0.663475	12.96407
455.3785	0.652757	13.83297	-927.088	191.5784	293.1837	0.659738	13.16194
455.5425	0.653621	13.76549	-927.829	188.8681	288.5008	0.657739	12.78556
455.7065	0.654	13.68316	-927.829	193.6832	297.3724	0.656522	13.34007
455.8705	0.65481	13.83297	-927.829	184.6384	279.534	0.66065	13.39852
456.0345	0.650952	13.83297	-927.829	181.42	279.0119	0.66487	13.00318
456.1985	0.645952	13.83297	-927.829	182.7096	283.0122	0.663352	12.96407
456.3625	0.642572	13.90019	-930.997	175.906	272.1883	0.658871	13.16166
456.5266	0.648472	13.98305	-928.577	185.0562	287.9451	0.658776	12.98381
456.6906	0.654045	13.83297	-927.829	180.7846	274.4479	0.664129	13.16153
456.8546	0.653383	13.83297	-930.994	172.0385	262.2321	0.664871	12.98389
457.0186	0.653808	13.89994	-928.579	158.6663	240.2401	0.662844	12.76673
457.1826	0.659656	13.98324	-927.829	156.1245	237.1264	0.65359	13.14151
457.3465	0.665037	13.89979	-930.99	150.6311	225.1677	0.644895	13.18129
457.5105	0.663578	13.98342	-931.744	143.0485	214.5096	0.651509	13.18129
457.6745	0.659772	13.8997	-928.585	141	213.7113	0.654746	13.37837
457.8385	0.658193	13.98356	-927.829	155.8435	239.9711	0.652619	13.20151
458.0025	0.658	13.83297	-921.514	145.0403	216.7831	0.649747	13.18129
458.1665	0.662837	13.83297	-926.312	144.358	219.1263	0.648	13.18129
458.3305	0.662388	13.76646	-927.829	145.5877	219.4892	0.648504	13.37816
458.4945	0.660389	13.74868	-930.983	130.8791	195.1536	0.652378	13.20171
458.6585	0.66	13.98382	-928.59	127.1168	193.0556	0.655629	13.37803
458.8225	1.196336	13.83297	-927.829	247.2183	218.1329	0.659624	13.39852
458.9865	0.794697	13.83297	-930.981	186.2807	212.8956	0.657251	12.80867
459.1505	0.666	13.83297	-931.744	140	210.2102	0.659	13.14005
459.3145	0.665196	13.83297	-925.445	140	210.4645	0.659374	13.18129
459.4785	0.662587	13.83297	-930.212	136.478	205.2187	0.662125	12.78834
459.6425	0.659588	13.83297	-928.596	124.4368	186.3715	0.662752	13.13978
459.8065	0.657392	13.76695	-927.829	129.856	199.6674	0.660752	13.37764
459.9705	0.656196	13.68172	-930.975	142.4443	218.9095	0.659371	13.00584
460.1345	0.651984	13.83297	-931.744	126.2991	189.3863	0.662494	12.96407
460.2985	0.647788	13.83297	-931.744	115.8905	178.4357	0.666	13.16028
460.4625	0.646197	13.83297	-925.458	115	177.9643	0.665508	13.3775
460.6266	0.64921	13.83297	-927.056	113.5944	174.67	0.661508	13.20243
460.7905	0.65	13.83297	-927.829	119.3195	184.9535	0.658244	13.18129
460.9545	0.649198	13.76736	-927.829	118.4896	181.7477	0.660366	12.7894
461.1185	0.649	13.68126	-927.829	103.6687	156.8102	0.662878	13.33448
461.2825	0.649801	13.83297	-927.829	105.7161	164.3766	0.661636	13.00677
461.4465	0.657209	13.83297	-927.829	106.8962	162.2112	0.658636	12.96407
461.6105	0.659801	13.89835	-927.829	105.2991	159.441	0.655517	13.35555
461.7745	0.656798	13.91952	-927.829	101.4957	153.7662	0.652242	13.00715
461.9385	0.658401	13.74624	-927.829	89.49359	133.6659	0.654	13.15968

462.1025	0.6582	13.98497	-930.961	87.80098	134.0041	0.65412	12.98568
462.2665	0.658	13.83297	-928.613	89	135.2584	0.654399	13.15956
462.4305	0.660399	13.89808	-930.96	78.50412	116.6186	0.649402	12.98582
462.5945	0.663398	13.98512	-928.615	83.09524	127.1956	0.644641	12.76865
462.7585	0.664	13.83297	-927.829	75.81269	111.7676	0.643074	13.33289
462.9225	0.661603	13.83297	-930.957	84.98046	131.4879	0.651357	13.20317
463.0865	0.660201	13.83297	-925.491	79.81904	118.4769	0.653881	13.18129
463.2505	0.661597	13.89782	-927.04	76.39701	115.7747	0.653118	12.79087
463.4145	0.664394	13.98539	-924.705	70.71429	105.0948	0.654947	13.13714
463.5785	0.663404	13.83297	-927.038	70.79195	107.3158	0.662354	12.98621
463.7425	0.659012	13.83297	-927.829	90.14285	140.7748	0.664764	12.96407
463.9065	0.658797	13.83297	-927.829	87.53616	130.6063	0.662529	12.96407
464.0705	0.661392	13.89755	-927.829	96.94568	149.5814	0.658883	13.15901
464.2345	0.662	13.98572	-930.947	96.03114	143.5571	0.658	13.37611
464.3985	0.659611	13.89736	-928.626	85.33893	127.6993	0.658699	13.00901
464.5625	0.654223	13.98583	-930.946	75.03724	113.1489	0.663767	12.76932
464.7265	0.649817	13.83297	-931.744	76.17638	118.1588	0.661768	12.94147
464.8905	0.652183	13.83297	-928.628	68.25938	102.5377	0.660116	12.96407
465.0545	0.654591	13.89718	-930.942	86.26129	136.6256	0.73791	13.15862
465.2185	0.651819	13.98608	-931.744	82.09518	122.8516	1.249869	12.9868
465.3825	0.64782	13.83297	-931.744	83.64561	130.8323	0.666	12.96407
465.5465	0.645411	13.897	-928.633	77.96704	118.7823	0.665885	13.15843
465.7105	0.646589	13.98621	-927.829	99.69789	159.8858	0.664542	12.79259
465.8745	0.652559	13.83297	-927.829	90.86111	134.8913	0.660771	12.74684
466.0385	0.658764	13.83297	-924.721	95.18639	147.3336	0.658772	13.13529
466.2025	0.658413	13.76913	-930.129	105.8568	161.8433	0.657	12.98707
466.3665	0.657207	13.67951	-931.744	99.67654	149.8405	0.656204	13.35226
466.5305	0.65938	13.83297	-928.638	116.1062	180.4509	0.64966	13.39852
466.6945	0.661586	13.89665	-927.829	109.7491	162.5914	0.646887	13.20449
466.8585	0.664378	13.98661	-930.932	109.928	166.9535	0.646452	13.37525
467.0225	0.66183	13.83297	-931.744	125.467	192.3205	0.65	13.01061
467.1865	0.654663	13.89647	-931.744	122.6912	185.5502	0.649887	12.77023
467.3505	0.656961	13.98674	-928.643	124.5368	190.7696	0.649	12.94066
467.5145	0.661167	13.76955	-927.829	137.38	210.0234	0.649112	13.15783
467.6785	0.663582	13.679	-930.927	136.4698	204.4577	0.651002	12.98766
467.8425	0.664	13.83297	-925.551	110.5031	161.3059	0.659222	13.15769
468.0065	0.662419	13.83297	-927.009	113.8175	174.8492	0.660445	13.18129
468.1705	0.662791	13.83297	-927.829	131.7397	201.3245	0.656221	12.9878
468.3345	0.66458	13.89606	-927.829	118.3571	174.0656	0.658	12.77064
468.4985	0.66579	13.9872	-930.922	107.2398	160.4727	0.658	13.13356
468.6625	0.662841	13.83297	-928.652	112.8987	171.8484	0.65844	12.98794
468.8265	0.655685	13.83297	-930.92	121.5172	186.5755	0.66211	12.77083
468.9905	0.650053	13.83297	-928.654	136.4083	212.6489	0.663109	12.94006
469.1545	0.649789	13.77015	-930.917	117.8761	176.0536	0.663672	12.7709
469.3185	0.653155	13.67847	-925.568	121.4655	189.1486	0.660891	12.93994
469.4825	0.654789	13.83297	-930.088	101.8315	149.7365	0.660217	13.15716
469.6465	0.651847	13.77033	-928.658	115.4721	182.8691	0.662326	12.98832

469.8105	0.648636	13.61574	-927.829	120.8068	184.8497	0.664784	13.15702
469.9745	0.649575	13.6783	-924.745	115.9359	178.022	0.662568	12.98839
470.1385	0.652363	13.83297	-923.914	112.9372	172.6648	0.659	13.1569
470.3025	0.656149	13.83297	-930.079	107.8755	163.5039	0.659215	12.98847
470.4665	0.659361	13.77059	-931.744	116.9954	179.8411	0.661107	13.34948
470.6305	0.658426	13.7404	-931.744	131.6167	202.0339	0.66168	13.01313
470.7945	0.658786	13.92561	-928.665	128.4451	193.3128	0.658359	12.96407
470.9585	0.661359	13.67794	-930.907	131.8639	200.8834	0.652574	13.3492
471.1225	0.661214	13.83297	-925.589	132.9414	200.6023	0.649531	13.20596
471.2865	0.661	13.77086	-926.99	121.7101	181.8658	0.654	12.79641
471.4505	0.659429	13.67781	-927.829	121.1141	184.5803	0.653789	12.93927
471.6145	0.656644	13.77094	-927.829	125.7424	192.1047	0.651367	12.7717
471.7785	0.65757	13.67768	-927.829	115.352	172.8517	0.645895	13.13144
471.9425	0.662709	13.83297	-927.829	127.8095	196.7203	0.64521	12.989
472.1065	0.663215	13.77112	-927.829	126.4132	188.4948	0.64784	12.96407
472.2705	0.662216	13.67754	-927.829	118.5777	178.305	0.655418	12.96407
472.4345	0.660432	13.83297	-930.898	121.7906	185.4724	0.658896	12.96407
472.5985	0.656865	13.83297	-928.675	116.4765	175.6324	0.657896	12.77203
472.7625	1.184959	13.83297	-927.829	205.3077	183.2819	0.657311	13.1309
472.9265	0.804597	13.83297	-927.829	172.8093	204.4072	0.660208	13.3732
473.0905	-99999	-99999	-99999	-99999	-99999	0.66231	12.82283
473.2545	0.653	13.77147	-927.829	117	179.173	0.664587	13.13052
473.4185	0.654565	13.61574	-930.893	121.7791	187.1092	0.66028	13.18129
473.5825	0.658128	13.67706	-925.62	131.5046	201.4693	0.654307	13.18129
473.7465	0.658218	13.83297	-926.975	112.4931	165.8898	0.657511	13.18129
473.9105	0.652528	13.77177	-930.889	112.2258	174.3308	0.662203	12.79816
474.0745	0.648656	13.67691	-928.685	115.6367	177.9622	0.664	12.93835
474.2385	0.648	13.7719	-927.829	110.9128	170.2364	0.663899	12.96407
474.4025	0.650343	13.6768	-930.886	119.2152	185.5976	0.662899	12.96407
474.5665	0.649439	13.83297	-928.688	121.9576	187.3261	0.662303	13.15538
474.7305	0.649781	13.83297	-918.662	114.195	174.2087	0.665101	13.18129
474.8945	0.65312	13.83297	-925.246	122.5668	190.231	0.665598	12.79881
475.0585	0.65712	13.83297	-927.829	138.1998	212.5699	0.661199	12.93801
475.2225	0.662678	13.83297	-927.829	138.2415	207.5746	0.653501	12.96407
475.3865	0.664779	13.77225	-927.829	136	204.5792	0.6491	13.15512
475.5505	0.663441	13.67642	-930.88	123.773	183.8345	0.650397	12.99026
475.7145	0.663779	13.83297	-934.793	128.1877	195.3642	0.654099	13.15504
475.8785	0.660107	13.83297	-932.61	129.6062	195.5765	0.654605	12.99038
476.0425	0.659779	13.77245	-925.649	117.1429	175.1329	0.650704	12.96407
476.2065	0.661556	13.6762	-933.053	107.9298	162.2453	0.648197	13.34564
476.3705	0.661222	13.83297	-932.613	106	160.3093	0.650294	13.01698
476.5345	0.659445	13.83297	-928.7	112.7796	172.5414	0.65349	12.96407
476.6985	0.657445	13.83297	-930.873	109.9021	165.7906	0.658195	12.96407
476.8625	0.660109	13.89323	-934.787	113.7735	173.854	0.659708	13.1547
477.0266	0.663331	13.99001	-929.576	129.8657	198.6146	0.657195	12.99077
477.1906	0.662446	13.83297	-930.87	126.5243	188.8709	0.65929	12.96407
477.3546	0.661224	13.83297	-925.665	116.5861	175.11	0.661903	13.15451

477.5186	0.658671	13.77296	-929.992	127.5265	196.6706	0.661	12.80053
477.6826	0.659552	13.61574	-928.706	122.5058	183.1803	0.660808	12.93721
477.8465	0.657674	13.6756	-927.829	122.4049	187.3421	0.658713	12.77388
478.0105	0.653123	13.83297	-930.864	129.7272	199.7142	0.656191	13.12718
478.1745	0.652	13.83297	-925.677	126.5983	192.9465	0.658571	12.80106
478.3385	0.651225	13.83297	-926.947	114.5528	173.7496	0.664	12.74684
478.5025	0.648677	13.77331	-927.829	108.6508	167.1863	0.663716	13.12692
478.6665	0.650323	13.67534	-927.829	107.3256	164.8828	0.660905	13.18129
478.8305	0.651774	13.83297	-930.86	104.9777	160.6055	0.659718	12.99138
478.9945	0.652	13.83297	-928.715	107.37	165.442	0.720254	13.34376
479.1585	0.651227	13.77356	-927.829	115.0622	178.0702	1.267139	13.01895
479.3225	0.651773	13.67514	-927.829	108.5726	164.4407	0.659	-99999
479.4865	0.655865	13.77364	-927.829	116.1172	179.748	-99999	12.96407
479.6505	0.660092	13.61574	-927.829	125.3644	190.6704	0.653186	13.15371
479.8145	0.662545	13.73423	-924.805	120.9451	181.2001	0.655464	12.99171
479.9785	0.659139	13.99105	-929.961	110.604	166.1128	0.720008	12.96407
480.1425	0.657228	13.77384	-928.721	117.7546	181.6068	1.309	-99999
480.3065	0.660087	13.61574	-930.85	125.0159	189.8429	-99999	12.96407
480.4705	0.663315	13.67476	-931.744	124.6567	187.6314	0.648	12.77469
480.6345	0.663229	13.83297	-928.725	105.8681	155.5578	0.648183	12.93616
480.7985	0.663	13.83297	-927.829	111.7651	171.8905	0.65	12.96407
480.9625	0.661458	13.83297	-933.864	115.6453	174.075	0.649909	12.96407
481.1265	0.662541	13.77417	-929.626	129.4269	198.7951	0.649455	12.77494
481.2905	0.667621	13.67443	-930.844	120.917	177.5807	0.65436	12.93588
481.4545	0.665921	13.77432	-928.731	125.7305	191.6816	0.65854	12.96407
481.6185	0.662691	13.67429	-927.829	125.3038	187.564	0.66409	12.77514
481.7825	0.659692	13.83297	-927.829	121.3306	183.7681	0.664821	12.74684
481.9465	0.658231	13.83297	-927.829	124.346	189.6696	0.663089	12.93564
482.1105	0.661076	13.83297	-927.829	112.6219	167.3693	0.663556	13.15285
482.2745	0.660463	13.83297	-930.837	111.3504	169.8083	0.659178	12.99257
482.4385	0.656158	13.83297	-928.736	124.0259	191.3353	0.661	12.96407
482.6025	0.649624	13.7747	-924.822	112.2952	168.9479	0.661088	13.15271
482.7665	0.647232	13.67394	-926.92	109.3439	170.1776	0.661647	12.99276
482.9305	0.650839	13.77482	-930.834	109.9969	168.5551	0.657912	13.15258
483.0945	0.654302	13.67386	-925.737	111.0027	170.1045	0.657438	12.80438
483.2585	0.651165	13.77495	-926.917	105.9954	161.38	0.662087	12.93523
483.4225	0.644632	13.61574	-927.829	107.0018	166.9402	0.662913	13.15245
483.5865	0.646066	13.61574	-927.829	115.6677	180.5623	0.661913	12.99302
483.7505	0.652365	13.61574	-927.829	119	182.4169	0.660741	12.77582
483.9145	0.656298	13.61574	-927.829	113.6691	171.9933	0.658173	13.12322
484.0785	0.660064	13.6735	-927.829	105.6724	158.8975	0.659828	12.99317
484.2425	0.661	13.83297	-924.832	121.641	188.257	0.6574	13.15218
484.4065	0.660235	13.83297	-926.91	139.6521	213.4892	0.651086	12.99329
484.5705	0.661531	13.71773	-924.833	125.3732	185.3098	0.651915	13.15205
484.7345	0.663529	13.51356	-926.907	114.6703	172.5204	0.650746	12.80557
484.8985	0.664	13.77555	-927.829	123.302	187.8025	0.648254	13.12243
485.0625	0.660179	13.61574	-927.829	120.6935	181.1341	0.651084	12.99351

485.2265	0.659	13.61574	-930.819	113.0159	170.5875	0.652	12.96407
485.3905	0.658236	13.61574	-928.754	107.0177	161.6684	0.651916	12.96407
485.5545	0.66258	13.61574	-930.817	114.9542	175.7164	0.651084	12.96407
485.7185	0.667053	13.6729	-928.756	124.6425	187.8939	0.652417	13.15159
485.8825	0.665711	13.77583	-927.829	124.348	186.1853	0.657415	12.80625
486.0465	0.661187	13.61574	-927.829	126.314	191.8082	0.662083	13.12165
486.2105	0.661525	13.61574	-927.829	128	193.4926	0.662506	12.9939
486.3745	0.665048	13.61574	-927.829	117.4017	174.161	0.657	12.77674
486.5385	0.668286	13.61574	-927.829	117.2959	176.7046	0.657328	12.9341
486.7025	0.662907	13.61574	-927.829	120.6618	182.178	0.661245	12.96407
486.8665	0.657193	13.61574	-930.81	130.2621	200.367	0.663918	12.96407
487.0305	0.652194	13.6725	-925.783	116.4843	174.2521	0.663	13.15119
487.1945	0.651	13.77624	-923.914	103.6941	158.519	0.662838	12.99423
487.3585	0.652521	13.61574	-926.892	111.9115	173.7906	0.661162	13.15106
487.5225	0.650719	13.67235	-936.76	117.6606	180.9718	0.663484	12.9943
487.6865	0.65	13.83297	-930.646	119.3207	183.8774	0.668678	12.96407
487.8505	0.6462	13.83297	-927.829	117.3598	180.9895	0.66476	12.96407
488.0145	0.647279	13.77651	-927.829	107.4206	163.9734	0.66176	13.15087
488.1785	0.653316	13.61574	-942.695	110.9146	171.5743	0.65892	13.18129
488.3425	0.656519	13.5594	-932.542	116.978	178.6335	0.658317	13.18129
488.5065	0.657	13.4548	-930.8	121.9548	186.5351	0.661841	12.99468
488.6705	0.656241	13.67197	-931.744	122.0235	185.4846	0.659606	12.96407
488.8345	0.653725	13.83297	-928.775	124.9524	192.0622	0.654449	12.96407
488.9985	0.660582	13.83297	-924.861	116.4668	173.9643	0.648	13.15053
489.1625	0.664516	13.83297	-929.849	134.0342	206.9344	0.648313	12.80837
489.3265	0.661212	13.83297	-928.778	132.1837	196.7003	0.652156	13.11953
489.4905	0.659242	13.77701	-930.795	125.6576	190.7614	0.65369	12.99497
489.6545	0.660514	13.61574	-931.744	118.1099	177.0149	0.649457	12.96407
489.8185	0.666299	13.61574	-931.744	122.5424	185.8303	0.643386	12.96407
489.9825	0.668	13.61574	-928.782	130.283	195.7821	0.648383	12.77794
490.1465	0.664975	13.61574	-930.789	137.9075	208.7544	0.653383	12.93285
490.3105	0.660976	13.61574	-931.744	128.5343	191.5558	0.658152	12.77807
490.4745	0.66	13.67134	-928.786	114.7842	172.2544	0.660076	12.93278
490.6385	0.663022	13.72197	-933.744	109.0332	164.003	0.660924	12.96407
490.8025	0.664755	13.454	-929.745	104.7231	156.7872	0.660151	12.96407
490.9665	0.664245	13.61574	-930.785	110.8621	168.7072	0.662226	12.96407
491.1305	0.661735	13.61574	-934.699	118.9292	180.6383	0.664851	12.96407
491.2945	0.657982	13.56041	-929.752	122.3095	186.1933	0.662701	12.77839
491.4585	0.654737	13.45375	-933.735	115.1477	174.0225	0.659	12.93245
491.6225	0.657016	13.67096	-932.707	105.1126	158.6331	0.658926	12.96407
491.7865	0.655739	13.83297	-928.793	116.3869	180.8667	0.658445	12.96407
491.9505	0.653493	13.83297	-927.829	119.4245	181.6709	0.664294	12.96407
492.1145	0.649987	13.83297	-930.778	126.1496	196.2526	0.667779	12.59325
492.2785	0.649753	13.778	-931.744	119.2434	180.7614	0.664707	12.9003
492.4425	0.650753	13.6707	-931.744	108.4295	165.5502	0.661	12.96407
492.6065	0.651	13.77808	-928.798	108.6109	167.4502	0.661438	12.77885
492.7705	0.650248	13.61574	-927.829	115.8718	179.5848	0.667072	12.93204

492.9345	0.653008	13.61574	-924.885	127.4802	197.1826	0.667494	12.96407
493.0985	0.657007	13.61574	-926.857	122.2212	183.7734	0.66064	12.77899
493.2625	0.665516	13.67043	-927.829	113.0897	169.06	0.655641	12.93191
493.4265	0.664995	13.72373	-930.77	116.8636	177.103	0.651072	12.96407
493.5905	0.662498	13.45309	-928.803	112.1855	167.5157	0.652	12.77913
493.7545	0.658997	13.61574	-927.829	122.9753	190.129	0.651929	12.93172
493.9185	0.660252	13.67018	-930.768	119.9381	179.1053	0.650858	12.77925
494.0826	0.661	13.83297	-931.744	116.602	177.0069	0.648718	12.93164
494.2466	0.65875	13.72426	-928.807	118.6503	180.2678	0.645282	12.96407
494.4106	0.6625	13.50713	-927.829	110.5502	164.9417	0.64935	12.96407
494.5746	0.661751	13.7787	-927.829	114.4484	174.923	0.65421	12.77945
494.7386	0.659501	13.61574	-924.895	129.3917	198.6343	0.65707	12.74684
494.9026	0.662746	13.56159	-926.847	114.8727	168.7243	0.657792	12.93138
495.0665	0.665497	13.45254	-930.76	115.029	175.3816	0.654862	13.14842
495.2305	0.668994	13.61574	-928.814	126.1877	189.8068	0.653752	12.99695
495.3945	0.66626	13.61574	-930.757	123.1648	183.4966	0.664	12.77979
495.5585	0.662009	13.61574	-928.816	110.9286	165.428	0.663728	12.93105
495.7225	0.659505	13.61574	-927.829	124.7845	193.6274	0.659932	12.96407
495.8865	0.659	13.61574	-933.68	125.9344	188.9793	0.659135	12.96407
496.0505	0.657506	13.61574	-929.808	123.589	188.5787	0.661537	12.77999
496.2145	0.651772	13.61574	-927.829	120.4701	183.7465	0.668866	12.74684
496.3785	0.649253	13.61574	-927.829	110.8859	169.0924	0.666866	12.93079
496.5425	0.651239	13.6693	-927.829	105.707	162.0132	0.664601	12.96407
496.7065	0.654985	13.83297	-927.829	120.5117	187.607	0.659067	12.96407
496.8705	0.653016	13.77952	-927.829	119.9557	181.5273	0.66033	12.96407
497.0345	0.649018	13.66916	-927.829	116.9377	180.6439	0.664934	12.78032
497.1985	0.648745	13.83297	-927.829	120.5821	186.4839	0.664	13.11421
497.3625	0.654962	13.77967	-927.829	114.9017	173.7992	0.663869	12.99762
497.5265	0.65998	13.61574	-927.829	109.7098	165.9344	0.661608	12.96407
497.6905	0.663979	13.66892	-927.829	114.1584	173.123	0.655935	12.78052
497.8545	0.662767	13.77982	-927.829	118.2894	178.7821	0.655129	12.93032
498.0185	0.659767	13.61574	-930.742	116.4228	175.8502	0.656871	12.78065
498.1825	0.657512	13.61574	-928.831	115.6441	176.0344	0.654872	13.11366
498.3465	0.659975	13.61574	-927.829	122.4388	187.0162	0.652744	12.99799
498.5105	0.661743	13.5629	-930.739	113.7778	169.0733	0.649063	12.96407
498.6745	0.661257	13.45133	-928.836	108.2863	164.0607	0.650063	13.14722
498.8385	0.660257	13.66846	-927.829	104.5006	157.2104	0.651063	13.18129
499.0025	0.66	13.78027	-927.829	95.57448	143.2962	0.651812	12.81514
499.1665	0.662226	13.66838	-927.829	102.9201	157.9551	0.649313	12.9298
499.3305	0.66671	13.72781	-930.734	115.4205	174.5998	0.654248	12.96407
499.4945	0.662809	13.45107	-928.841	117.0742	176.1769	0.65862	12.96407
499.6585	0.658034	13.61574	-927.829	108.943	163.8699	0.667815	12.96407
499.8225	0.659965	13.66818	-930.731	122.3159	189.3775	0.664755	12.78125
499.9865	0.662482	13.83297	-931.744	115.9716	171.3129	0.660816	12.92954
500.1505	0.662259	13.83297	-928.844	113.4083	172.7592	0.658182	12.96407
500.3145	0.658298	13.78068	-927.829	117.6407	178.8599	0.661	13.14669
500.4785	0.65626	13.66793	-927.829	113.5177	171.9081	0.660819	12.81618

500.6425	0.65452	13.83297	-930.726	118.6813	183.1683	0.658361	12.74684
500.8065	0.65474	13.78087	-934.64	119.8004	182.2144	0.66382	12.92927
500.9705	0.65574	13.61574	-929.868	123.1169	188.9693	0.660881	12.96407
501.1345	0.653783	13.61574	-930.723	115.768	174.6141	0.659298	12.96407
501.2985	0.648566	13.61574	-928.851	112.5564	174.1766	0.664178	12.96407
501.4625	0.646261	13.61574	-924.937	112.0833	172.9684	0.667118	12.96407
501.6265	0.646	13.61574	-926.805	121.8578	191.2603	0.668765	12.96407
501.7905	0.654122	13.56396	-930.72	110.7635	165.3476	0.664767	12.96407
501.9545	0.659213	13.39852	-928.856	115.6734	178.9194	0.660884	12.96407
502.1185	0.662212	13.39852	-927.829	124.6376	188.3642	0.659058	12.96407
502.2825	0.663	13.45009	-924.943	128.1868	194.097	0.659828	12.78212
502.4465	0.661526	13.56424	-926.799	121.7168	182.0218	0.656541	12.74684
502.6105	0.661	13.44997	-927.829	109.9945	164.7419	0.649	12.74684
502.7745	0.664682	13.56432	-927.829	98.99573	147.3133	0.64917	12.9286
502.9385	0.664528	13.39852	-927.829	109	167.3533	0.652226	12.96407
503.1025	0.662528	13.50113	-924.947	113.8193	171.0374	0.655775	12.78238
503.2665	0.659057	13.78173	-926.794	108.8203	164.3503	0.651776	12.92841
503.4305	0.659471	13.61574	-927.829	101.2792	152.2198	0.648056	12.78251
503.5945	0.662941	13.61574	-927.829	106.8974	163.3285	0.649444	12.92834
503.7585	0.664	13.6668	-927.829	127.2434	195.2425	0.657221	12.78263
503.9225	0.663265	13.78193	-924.952	133.4603	200.613	0.661275	13.10968
504.0865	0.660797	13.66672	-926.79	122.4791	183.0663	0.665726	12.81867
504.2505	0.662203	13.78204	-930.704	105.5804	156.7443	0.660891	12.92813
504.4145	0.665936	13.56485	-928.87	116.7607	179.4759	0.658946	12.78283
504.5785	0.665532	13.44931	-930.702	113.6876	167.6517	0.658108	12.74684
504.7425	0.659865	13.61574	-931.744	122.4762	189.6296	0.660108	12.56569
504.9065	0.652134	13.56503	-931.744	129.466	197.9059	0.661946	12.8917
505.0705	1.12952	13.44918	-931.744	180.5557	171.1776	0.661	13.14509
505.2345	0.828436	13.61574	-928.875	141.3602	156.2325	0.660894	13.00033
505.3985	-99999	-99999	-99999	-99999	-99999	0.659211	12.96407
505.5625	0.648	13.56523	-927.829	112	172.8395	0.663263	12.78318
505.7265	0.646536	13.39852	-924.963	117.0583	182.2971	0.667685	12.56606
505.8905	0.646732	13.44891	-926.78	127.5838	199.1247	0.661741	12.89113
506.0545	0.652852	13.56538	-930.693	123.1538	186.5596	0.657156	12.96407
506.2185	0.658655	13.44871	-928.882	113.5818	171.4011	0.660154	12.96407
506.3825	0.658538	13.56556	-927.829	111	168.5554	0.662949	12.96407
506.5465	0.658731	13.44863	-927.829	112.2615	170.7231	0.661745	12.96407
506.7105	0.65827	13.61574	-927.829	126.2395	194.975	0.65695	12.78364
506.8745	0.65946	13.66578	-930.687	123.9145	185.4995	0.65595	13.10758
507.0385	0.66	13.73311	-931.744	111.0705	166.6237	0.65495	13.00099
507.2025	0.662189	13.44843	-931.744	112.6676	171.4905	0.654149	12.60348
507.3665	0.662271	13.61574	-928.889	107.816	160.8329	0.656751	12.88998
507.5305	0.662	13.61574	-927.829	114.3262	175.4175	0.651754	12.78391
507.6945	0.661271	13.61574	-927.829	120.3709	181.8784	0.646951	12.92694
507.8585	0.664643	13.61574	-930.682	112.4552	167.4215	0.646049	12.78403
508.0225	0.665272	13.61574	-928.892	114.9136	174.3887	0.647437	12.92687
508.1865	0.664272	13.66533	-927.829	122.1416	184.6263	0.656243	12.96407

508.3505	0.661816	13.78344	-927.829	118.9759	178.5529	0.661096	12.96407
508.5145	0.662455	13.56624	-927.829	117.8837	178.3987	0.662952	12.96407
508.6785	0.665182	13.44792	-930.677	122.1376	184.3601	0.661952	12.96407
508.8425	0.665273	13.61574	-928.897	121.4908	182.0157	0.661047	12.7843
509.0065	0.662093	13.66506	-927.829	125.0168	190.0423	0.662189	12.56719
509.1705	0.656639	13.7837	-927.829	122.3589	184.9487	0.66586	12.52961
509.3345	1.132943	13.66498	-922.142	181.6679	170.867	0.662953	12.88876
509.4985	0.835893	13.83297	-925.685	149.4811	165.2254	0.661815	12.96407
509.6625	-99999	-99999	-99999	-99999	-99999	0.658092	13.14356
509.8265	0.653	13.44757	-927.829	118	180.7044	0.66023	13.0019
509.9905	0.650098	13.56674	-927.829	123.6301	191.5745	0.664909	12.96407
510.1545	0.649	13.44749	-927.829	111.3636	167.7528	0.663	12.96407
510.3185	0.646825	13.56687	-927.829	108.8758	170.0387	0.662865	12.96407
510.4825	0.648899	13.44737	-930.666	126.1218	197.5574	0.660135	12.96407
510.6465	0.653622	13.61574	-931.744	129.6274	197.2717	0.663179	12.96407
510.8105	0.655	13.66448	-928.908	108.8938	161.8223	0.666912	12.78497
510.9745	0.653552	13.78426	-927.829	108.612	168.7963	0.664735	12.92588
511.1385	0.656619	13.61574	-927.829	111.2569	168.5422	0.658605	12.78509
511.3026	0.662341	13.56715	-930.662	105.8819	159.1222	0.678548	12.92581
511.4666	0.665447	13.44704	-931.744	122.7031	188.8639	1.275644	12.96407
511.6306	0.663831	13.56727	-926.082	129.015	193.1339	0.654	12.96407
511.7946	0.660109	13.4954	-926.743	132.8532	202.9421	0.653742	12.96407
511.9586	0.660445	13.73629	-927.829	134.5095	203.0639	0.647915	12.78535
512.1225	0.663166	13.39852	-927.829	136.7326	207.078	0.646042	12.92547
512.2865	0.664	13.44671	-927.829	113.5017	164.7747	0.647337	12.96407
512.4505	0.65967	13.61574	-927.829	112.2969	173.785	0.655208	12.96407
512.6145	0.659442	13.56763	-927.829	137.1587	211.8985	0.659959	12.96407
512.7785	0.664326	13.39852	-930.652	130.8511	193.1334	0.658959	12.78568
512.9425	0.667442	13.44651	-928.922	119.1374	178.0526	0.658041	12.92521
513.1065	0.668	13.56782	-927.829	118	176.6467	0.659	13.14233
513.2705	0.666559	13.44639	-927.829	118	177.0289	0.65904	13.00305
513.4345	0.66312	13.5679	-930.648	115.5189	173.5978	0.660121	12.6077
513.5985	0.662	13.39852	-928.926	111.5204	167.8563	0.663	12.88585
513.7625	0.660561	13.44625	-927.829	118.0556	180.6986	0.662921	13.14217
513.9265	0.659281	13.61574	-927.829	118.6637	178.927	0.661	13.0033
514.0905	0.653966	13.61574	-930.644	121.5725	187.3106	0.661195	12.60812
514.2545	0.649844	13.66332	-928.93	114.4762	173.5282	0.665961	12.70753
514.4185	0.645407	13.73802	-927.829	122.2294	193.0011	0.664961	12.92469
514.5825	0.649028	13.39852	-927.829	127.2894	195.2243	0.663923	13.1419
514.7465	0.651718	13.44591	-930.64	116.3445	176.3829	0.662	12.6481
514.9105	0.650564	13.5684	-928.933	127.0665	199.3394	0.662151	12.88503
515.0745	0.650718	13.39852	-930.638	131.4396	200.6174	0.665962	12.96407
515.2385	0.651717	13.44573	-931.744	123.0604	187.6026	0.66485	12.96407
515.4025	0.654869	13.56855	-928.936	128.641	198.5487	0.660777	12.78649
515.5665	0.661018	13.39852	-927.829	129.0638	194.073	0.679489	12.9243
515.7305	0.659416	13.39852	-927.829	124.7666	188.9018	1.288971	12.78662
515.8945	0.658716	13.44557	-930.633	130.1661	199.1144	0.657	12.74684

516.0585	0.658284	13.61574	-931.744	126.6052	190.4998	0.656855	12.92416
516.2225	0.660864	13.56881	-928.941	120.152	181.3641	0.65282	12.96407
516.3865	0.662716	13.44538	-930.63	128.2371	195.7542	0.648036	12.96407
516.5505	0.663	13.56893	-928.943	112.4574	164.3398	0.648894	12.78689
516.7145	0.66157	13.39852	-925.03	107.6154	164.7896	0.646142	12.56972
516.8785	0.661	13.39852	-926.713	113.615	172.0346	0.650176	12.88372
517.0425	0.662429	13.49185	-927.829	121.9921	186.1074	0.655	12.78702
517.2065	0.665143	13.73977	-927.829	123.3125	184.5014	0.65493	12.74684
517.3705	0.667427	13.44493	-927.829	125.2957	188.7721	0.653202	12.74684
517.5345	0.66586	13.56936	-925.037	121.8645	181.5079	0.659134	12.74684
517.6985	0.662148	13.49108	-929.497	116.7736	176.0518	0.663133	12.74684
517.8625	0.659574	13.74043	-931.744	114.7741	173.7079	0.666868	12.74684
518.0265	0.663275	13.44472	-926.165	104.8087	155.8049	0.662835	12.92338
518.1905	0.665	13.56959	-929.492	107.5743	163.8712	0.658097	12.96407
518.3545	0.660728	13.39852	-928.956	134.4316	208.8423	0.661129	12.78761
518.5185	0.655441	13.39852	-927.829	138.8206	209.4782	0.664936	12.74684
518.6825	0.651153	13.44452	-930.615	103.0256	150.6088	0.662841	12.74684
518.8465	0.652134	13.56981	-928.959	108.4614	172.381	0.658095	12.74684
519.0105	0.655845	13.39852	-925.045	121.5551	184.7404	0.661125	12.92309
519.1745	0.653446	13.39852	-923.914	113.8889	172.7422	0.665093	12.96407
519.3385	0.649868	13.39852	-923.914	109.3893	168.1709	0.668	12.78794
519.5025	0.64829	13.44426	-926.695	120.5995	188.9646	0.667939	12.74684
519.6665	0.64871	13.61574	-927.829	129.2206	199.503	0.665878	12.74684
519.8305	0.65255	13.57012	-927.829	129.39	198.1352	0.662	12.57086
519.9945	0.657548	13.44411	-930.607	121.6813	183.2648	0.66194	12.70554
520.1585	0.660419	13.57026	-928.967	126.7523	194.3322	0.65997	12.9227
520.3225	0.658872	13.35304	-930.605	122.6423	183.5385	0.658824	12.78822
520.4865	0.659418	13.2267	-931.744	128.791	198.4684	0.652854	12.5711
520.6505	0.663544	13.44387	-931.744	112.6485	163.8355	0.647885	12.88105
520.8145	0.665	13.57042	-931.744	117.6947	182.0815	0.64423	12.61274
520.9785	0.662167	13.44374	-928.971	126.7419	190.3371	0.652	12.70521
521.1425	0.656044	13.57053	-930.601	108.7985	161.9532	0.651944	12.57126
521.3065	0.656123	13.44366	-928.973	112.9811	175.6605	0.650028	12.70509
521.4705	0.661953	13.61574	-930.599	129.8984	198.1604	0.651	13.09774
521.6345	0.666121	13.57068	-928.976	124.0659	183.5834	0.651137	13.18129
521.7985	0.665586	13.39852	-927.829	112.7505	168.3436	0.65619	13.00596
521.9625	0.66288	13.39852	-925.062	113.641	172.3488	0.662893	12.61343
522.1265	0.662	13.35364	-926.68	115.3933	174.1595	0.658973	12.88004
522.2905	0.666238	13.22612	-927.829	125.3079	190.5898	0.658026	12.78888
522.4545	0.668706	13.39852	-927.829	131.3938	196.3411	0.659079	12.74684
522.6185	0.664766	13.39852	-930.592	123.7297	184.2917	0.662026	12.92191
522.7825	0.658061	13.39852	-928.982	123.8449	189.4424	0.662974	12.78901
522.9465	0.653179	13.39852	-930.59	117.3131	177.1292	0.661974	12.74684
523.1105	0.651295	13.39852	-926.223	115.2359	178.0118	0.661	12.57192
523.2745	0.651705	13.39852	-923.914	116.79	178.902	0.66105	12.70448
523.4385	0.654114	13.39852	-929.43	120.2325	184.8692	0.663074	12.92164
523.6025	0.653591	13.39852	-931.744	115.1429	174.17	0.666073	12.78928

523.7665	0.650184	13.39852	-928.988	117.2505	182.2011	0.668878	12.74684
523.9305	0.650408	13.44281	-930.585	120.7922	185.4125	0.663952	12.74684
524.0945	0.653813	13.61574	-928.991	133.88	208.2318	0.661906	12.92138
524.2585	0.655703	13.57165	-933.333	123.0973	182.7227	0.658162	12.61513
524.4225	0.658108	13.39852	-930.156	116.0287	177.8108	0.665	12.70407
524.5865	0.658298	13.39852	-927.829	117.5893	178.0181	0.664863	12.74684
524.7505	0.660107	13.39852	-936.078	130.4571	201.2323	0.658889	12.74684
524.9145	0.663808	13.39852	-934.078	120.7277	177.1279	0.653911	13.09538
525.0785	0.663597	13.39852	-931.744	111.0095	168.0422	0.650088	12.83288
525.2425	0.659492	13.39852	-931.744	119.0165	182.0079	0.654043	12.74684
525.4065	0.656598	13.39852	-931.744	122.3985	186.2608	0.655913	12.92093
525.5705	0.656701	13.39852	-931.744	128.0116	196.4493	0.651937	12.61595
525.7345	0.659803	13.39852	-929.001	127.7927	192.6405	0.648979	12.87763
525.8985	0.663102	13.39852	-930.572	123.198	185.3437	0.648042	12.96407
526.0625	0.6647	13.39852	-929.002	122	183.5414	0.650061	12.79014
526.2265	0.6636	13.39852	-927.829	111.7959	165.8966	0.653123	12.74684
526.3905	0.6616	13.39852	-925.089	110.9994	169.2955	0.65904	12.74684
526.5545	0.658202	13.39852	-926.653	116.1996	176.8492	0.66096	12.5731
526.7185	0.663294	13.39852	-925.091	124.1934	188.9998	0.65902	12.52961
526.8825	0.666699	13.4418	-926.651	114.619	168.3351	0.660077	12.70327
527.0465	0.664904	13.57252	-927.829	105	157.9183	0.664019	12.92039
527.2105	0.657712	13.39852	-930.564	104.4013	158.584	0.664926	12.79054
527.3745	0.656397	13.39852	-929.01	109.3874	168.0067	0.660888	12.57336
527.5385	0.657698	13.39852	-930.562	115.3929	176.0553	0.655018	12.87643
527.7025	0.658	13.39852	-931.744	124.7738	191.5997	0.656144	12.79067
527.8665	0.654512	13.39852	-926.282	124.022	187.9408	0.664072	12.92013
528.0305	0.650908	13.35562	-923.914	107.4525	161.8243	0.66793	12.7908
528.1945	0.65	13.22417	-926.643	97.80525	150.1629	0.663965	12.92005
528.3585	0.649303	13.39852	-927.829	99.98505	154.7599	0.662	12.61778
528.5225	0.650393	13.39852	-930.556	116.9191	183.5825	0.662101	12.70274
528.6865	0.648215	13.39852	-929.018	128.1932	198.077	0.668034	12.74684
528.8505	0.65257	13.44115	-927.829	121.8447	184.93	0.669871	12.74684
529.0145	0.657783	13.61574	-925.105	110.4423	166.2564	0.661919	12.74684
529.1785	0.663174	13.57324	-929.361	103.6168	155.6557	0.656905	12.74684
529.3425	0.66639	13.39852	-929.022	113.3095	172.8656	0.651015	12.74684
529.5065	0.664221	13.39852	-927.829	119.2148	179.0257	0.652	12.74684
529.6705	0.663	13.39852	-925.109	107.8892	160.1648	0.652029	12.74684
529.8345	0.661611	13.39852	-926.632	109.9194	168.4142	0.653985	12.74684
529.9985	0.663082	13.39852	-927.829	121.3484	184.3498	0.652943	12.57429
530.1625	0.663306	13.35636	-925.112	117.8718	175.8903	0.649042	12.52961
530.3265	0.663	13.22338	-926.63	115.9692	175.6683	0.652042	12.52961
530.4905	0.661613	13.44056	-930.544	109.097	162.6142	0.655013	12.70201
530.6545	0.658921	13.57373	-929.03	112.4945	173.1705	0.656027	12.74684
530.8185	0.660079	13.44042	-927.829	124.3374	189.7169	0.658013	12.74684
530.9825	0.664462	13.57392	-927.829	115.5577	170.8069	0.659013	12.74684
531.1465	0.666692	13.39852	-930.538	124.177	190.5851	0.660063	12.57474
531.3105	0.664924	13.39852	-929.035	130.08	194.1138	0.664976	12.87375

531.4745	0.661234	13.39852	-927.829	117.7137	175.8845	0.662952	12.96407
531.6385	0.659309	13.44009	-930.536	111.4085	168.8259	0.658954	12.79211
531.8025	0.660382	13.57418	-929.038	113.3651	172.2674	0.655034	12.5749
531.9665	0.6534	13.39852	-930.534	115.5911	177.0758	0.658034	12.52961
532.1305	0.651382	13.39852	-929.04	123.6802	191.8566	0.661032	12.52961
532.2945	0.650619	13.3571	-930.532	120.1401	182.3417	0.664	12.70137
532.4585	0.65138	13.2226	-934.446	134.6605	212.0624	0.66399	12.91853
532.6225	0.652	13.39852	-924.854	134.2488	202.0721	0.66298	12.96407
532.7865	0.652	13.39852	-925.399	119.2811	181.722	0.66097	12.62093
532.9505	0.652	13.39852	-930.529	107.1565	162.05	0.658066	12.70115
533.1145	0.652	13.39852	-926.348	101.5894	155.9649	0.665028	12.91833
533.2785	0.654067	13.39852	-926.611	100.2328	152.7926	0.667954	12.79264
533.4425	0.659132	13.39852	-930.525	115.4872	179.3752	0.662938	12.74684
533.6065	0.663065	13.43948	-931.744	121.1135	181.1675	0.656	12.74684
533.7705	0.660558	13.57483	-934.439	117	177.1251	0.656017	12.74684
533.9345	0.658312	13.39852	-927.579	114.6471	173.5455	0.658008	12.74684
534.0985	0.655937	13.39852	-929.299	121.23	186.973	0.658952	12.74684
534.2625	0.658438	13.39852	-931.744	132.8761	203.3002	0.65297	12.74684
534.4265	0.664811	13.43922	-931.744	119.3772	175.1695	0.649015	12.74684
534.5905	0.664252	13.5751	-931.744	108.1742	163.1576	0.650986	12.74684
534.7545	0.663	13.39852	-934.432	109	164.4042	0.649007	12.9178
534.9185	0.662314	13.39852	-930.284	113.1065	171.8339	0.649987	12.62228
535.0825	0.663373	13.39852	-927.829	101.9267	150.0584	0.648038	12.70049
535.2465	0.668116	13.39852	-930.515	100.2069	152.0372	0.654032	12.57607
535.4105	0.667942	13.39852	-934.429	111.859	168.9803	0.659035	12.70036
535.5745	0.664258	13.39852	-932.975	107.7991	160.1576	0.665017	12.91753
535.7385	0.660944	13.39852	-931.744	105.5125	160.5553	0.667973	12.96407
535.9025	0.660685	13.39852	-929.062	102.1484	153.1025	0.663	12.96407
536.0665	0.66237	13.39852	-927.829	114.3796	176.8735	0.662984	12.79356
536.2305	1.108724	13.39852	-927.829	179.7907	173.5174	0.660018	12.74684
536.3945	0.860337	13.39852	-927.829	159.5446	176.4117	0.664	12.74684
536.5585	-99999	-99999	-99999	-99999	-99999	0.663992	12.9172
536.7225	0.649	13.35855	-927.829	122	187.9815	0.661996	12.79372
536.8865	0.651734	13.2212	-927.829	115.5786	175.6797	0.660988	12.74684
537.0505	0.654367	13.39852	-927.829	114.5008	175.8906	0.65801	12.57663
537.2145	0.652951	13.39852	-930.503	115.25	176.0445	0.661017	12.69977
537.3785	0.644489	13.39852	-929.071	123.9106	195.0053	0.666	12.74684
537.5425	0.645779	13.39852	-927.829	125.1728	192.3266	0.668	12.74684
537.7065	0.652776	13.35888	-927.829	118.0873	180.1581	0.663	12.91682
537.8705	0.660455	13.22081	-927.829	116.5819	176.6705	0.66	12.96407
538.0345	0.661637	13.39852	-933.165	117	176.8345	0.66	12.62441
538.1985	0.660319	13.39852	-932.992	117	177.1873	0.66	12.69938
538.3625	0.658638	13.39852	-931.744	116.4188	176.6046	0.65	12.74684
538.5265	0.662085	13.39852	-929.079	114.2569	172.1313	0.652	12.91648
538.6905	0.664681	13.39852	-927.829	125.195	191.5026	0.65	12.79445
538.8545	0.66364	13.43768	-930.491	118.9127	175.2509	0.652	12.74684
539.0185	0.660281	13.57669	-929.083	103.3606	155.3157	0.652	12.74684

539.1825	0.65832	13.39852	-930.489	109.8544	169.4595	0.653	12.74684
539.3465	0.658679	13.39852	-931.744	114.1025	172.4744	0.651	12.74684
539.5105	0.660358	13.43744	-934.403	113.7376	172.6877	0.652	12.91612
539.6745	0.663036	13.57684	-933.001	103.9979	154.0227	0.656	12.6256
539.8385	0.666036	13.39852	-929.087	109.889	168.5534	0.66	12.69878
540.0025	0.664965	13.39852	-927.829	126.3629	191.6994	0.664	12.57769
540.1665	0.664	13.39852	-930.484	125.7955	188.0986	0.659	12.86771
540.3305	0.66739	13.39852	-929.09	117.3763	174.6968	0.658	12.62603
540.4945	0.669	13.39852	-927.829	115.1557	172.4291	0.656	12.69858
540.6585	0.662904	13.35999	-925.177	109.6477	163.7055	0.66	12.74684
540.8225	0.656614	13.18129	-929.216	114.8129	177.488	0.666	12.74684
540.9865	0.65297	13.21974	-931.744	116.2295	176.4586	0.663	12.74684
541.1505	0.653354	13.39852	-929.095	103.9255	156.9368	0.663	12.74684
541.3145	0.654	13.39852	-927.829	110.6856	172.5982	0.662003	12.57814
541.4785	0.650619	13.39852	-927.829	107.8984	162.5642	0.664989	12.69825
541.6425	0.649676	13.39852	-930.475	105.3361	163.8224	0.66998	12.57822
541.8065	0.647298	13.39852	-931.744	109.4242	168.8929	0.667012	12.69813
541.9705	0.648027	13.36039	-929.099	109	168.2038	0.662023	12.74684
542.1345	0.652376	13.18129	-927.829	109.5754	168.1161	0.661005	12.74684
542.2985	0.65535	13.21929	-930.471	107.6998	163.7343	0.661	12.57847
542.4625	0.658024	13.39852	-929.102	106.5748	162.1129	0.661995	12.86633
542.6265	0.657651	13.39852	-930.469	119.0668	184.2566	1.311611	12.79581
542.7905	0.654303	13.39852	-923.824	124.5542	189.434	0.653855	12.74684
542.9545	0.660413	13.39852	-925.276	128.8901	196.923	0.65	12.57867
543.1185	0.663326	13.43625	-930.466	132.2785	198.9639	0.649006	12.69772
543.2825	0.662327	13.57803	-929.107	117.2344	173.3715	0.653968	12.91493
543.4465	0.658634	13.39852	-927.829	121.3348	188.075	0.654	12.62809
543.6105	0.658346	13.39852	-930.464	122.2576	183.1397	0.653007	12.52961
543.7745	0.661691	13.43609	-931.744	109.8434	164.6674	0.641084	12.52961
543.9385	0.666362	13.61574	-929.111	115.7343	176.1883	0.646956	12.69746
544.1025	0.665311	13.57829	-927.829	117.8489	175.7655	0.654939	12.57901
544.2665	0.661984	13.39852	-925.198	125.4434	192.5418	0.662939	12.69734
544.4305	0.662344	13.36119	-929.175	117.4159	172.9249	0.662008	12.74684
544.5945	0.665014	13.2186	-926.487	111.8608	169.9902	0.659025	12.74684
544.7585	0.667342	13.43565	-929.167	115.8578	173.314	0.659	12.91435
544.9225	0.663305	13.57862	-931.744	115.5708	174.3933	0.662963	12.96407
545.0865	0.658318	13.39852	-926.495	123.989	190.4942	0.664982	12.96407
545.2505	0.657	13.36152	-918.666	126.578	191.7474	0.66302	12.7967
545.4145	0.657	13.21827	-926.575	131.4127	201.9923	0.660029	12.57953
545.5785	0.658339	13.39852	-926.5	123.8932	184.7256	0.65703	12.69686
545.7425	0.656992	13.36166	-923.914	114.5696	174.5396	0.659969	12.91407
545.9065	0.653323	13.21808	-923.914	115	176.0246	0.66	12.79694
546.0705	0.651331	13.39852	-931.773	105.325	159.0888	0.663956	12.41265
546.2345	0.651669	13.39852	-930.423	114.5006	180.1261	0.666967	12.47943
546.3985	0.652669	13.36192	-930.446	113.9213	171.04	0.664034	12.86357
546.5625	0.653	13.21788	-929.128	114.7991	178.7099	0.664	12.7971
546.7265	0.655004	13.39852	-927.829	125.2728	191.8591	0.66993	12.74684

546.8905	0.653996	13.39852	-927.829	117.3457	176.804	0.668024	12.58001
547.0545	0.656337	13.36207	-927.829	109.4322	166.5845	0.660098	12.86318
547.2185	0.661336	13.21763	-930.441	112.9719	171.865	0.655063	12.63064
547.3825	0.663667	13.36219	-931.744	115.4328	173.7819	0.652039	12.69631
547.5465	0.661333	13.21755	-929.134	126.9066	195.108	0.653974	12.74684
547.7105	0.659333	13.39852	-930.439	120.6997	178.955	0.654987	12.74684
547.8745	0.659	13.39852	-926.527	108.4335	164.3911	0.648094	12.74684
548.0385	0.660998	13.36245	-929.129	106.3014	160.3716	0.649973	12.58039
548.2025	0.657339	13.21735	-929.137	100.4725	151.6064	0.646056	12.52961
548.3665	0.659659	13.36252	-930.435	119.0647	186.2584	0.649944	12.69595
548.5305	0.661335	13.21723	-929.139	116.209	170.4095	0.652956	12.74684
548.6945	0.661665	13.39852	-930.433	101.5653	153.6499	0.655956	12.74684
548.8585	0.664659	13.39852	-931.744	114.9945	176.4231	0.65994	12.74684
549.0225	0.668659	13.39852	-929.142	122.7411	182.975	0.657046	12.58067
549.1865	0.667343	13.39852	-927.829	130.5972	198.2749	0.653061	12.69568
549.3505	1.106381	13.36284	-927.829	196.1163	190.0251	0.662841	12.74684
549.5145	0.884905	13.18129	-925.23	169.359	175.6225	0.663	12.74684
549.6785	-99999	-99999	-99999	-99999	-99999	0.662016	12.58092
549.8425	0.661	13.21682	-927.829	136	205.7489	0.657082	12.69552
550.0065	0.657021	13.36305	-930.425	119.1004	176.6273	0.658967	12.91264
550.1705	0.652348	13.18129	-929.148	99.80684	151.2885	0.663915	12.7983
550.3345	0.647687	13.25207	-927.829	116.3895	185.6542	0.666949	12.74684
550.4985	0.649312	13.58047	-927.829	119.4991	180.4149	0.665035	12.74684
550.6625	0.653649	13.39852	-927.829	114.0604	175.8564	0.660089	12.5812
550.8265	0.654338	13.36332	-930.42	118	180.335	0.662947	12.52961
550.9905	0.652677	13.21644	-931.744	118.5618	181.8094	0.666927	12.86063
551.1545	0.652661	13.3634	-929.155	106.6435	160.0482	1.315894	-99999
551.3185	0.656306	13.2163	-930.417	117.7688	184.9772	-99999	12.74684
551.4825	0.661966	13.36352	-929.156	123.9011	184.5132	0.658	12.91221
551.6465	0.66466	13.18129	-927.829	113.1987	169.5626	0.656039	12.79893
551.8105	0.66302	13.18129	-930.413	124.9991	192.3391	0.65796	12.91195
551.9745	0.660021	13.21602	-926.58	123.1239	183.0358	0.65898	12.79901
552.1385	0.657681	13.3639	-929.077	110.762	167.8018	0.656061	12.58185
552.3025	0.658977	13.21589	-931.744	115.1514	176.3942	0.651104	12.52961
552.4665	0.661977	13.36398	-929.165	114.9686	172.3327	0.651	12.69449
552.6305	0.661683	13.21577	-930.408	122.7336	188.6824	0.651979	12.74684
552.7945	0.659683	13.39852	-929.167	124.1795	186.1107	0.653957	12.58205
552.9585	0.659	13.36417	-930.405	118	179.0592	0.652043	12.36489
553.1225	0.662948	13.21563	-929.168	111.862	167.1134	0.655912	12.80652
553.2865	0.668288	13.39852	-927.829	115.3674	174.8353	0.653066	12.63485
553.4505	0.666055	13.39852	-925.255	128.1327	194.0639	0.657887	12.52961
553.6145	0.658743	13.39852	-926.487	127.9835	192.8911	0.663864	12.85867
553.7785	0.658628	13.39852	-927.829	101.1611	147.4645	0.663023	12.96407
553.9425	0.66394	13.36445	-927.829	106.3846	166.427	0.661046	12.79962
554.1065	0.664687	13.2153	-930.399	106.632	155.4368	0.65807	12.5825
554.2705	0.660719	13.36457	-929.175	100.3445	154.1824	0.659953	12.52961
554.4345	0.657032	13.21522	-930.397	108.1123	164.8539	0.660976	12.85814

554.5985	0.654689	13.3647	-929.177	117.8932	182.5327	0.655145	12.79987
554.7625	0.653345	13.18129	-927.829	121.6667	185.3006	0.662805	12.91102
554.9265	0.65431	13.18129	-930.394	123.9985	190.8736	0.661049	12.79999
555.0905	0.655	13.21498	-926.615	127.4449	194.4197	0.661975	12.74684
555.2545	0.652381	13.39852	-926.477	119.7857	181.5998	0.664925	12.91084
555.4185	0.649691	13.36497	-927.829	111.227	170.4263	0.669873	12.80014
555.5825	0.650309	13.18129	-930.39	109	167.6131	0.667077	12.74684
555.7465	0.65427	13.21477	-931.744	121.1916	188.5315	1.312026	12.74684
555.9105	0.658615	13.3651	-929.184	120.4767	180.0809	0.677552	12.74684
556.0745	0.662614	13.21469	-930.387	110.8926	167.0607	0.66	12.41938
556.2385	0.662694	13.39852	-931.744	104.4661	156.122	0.66	12.80338
556.4025	0.660694	13.36524	-929.187	109.956	169.1664	0.656107	12.47312
556.5665	0.662611	13.2145	-927.829	106.9411	158.4243	0.650161	12.63949
556.7305	0.665305	13.36536	-930.384	119.0003	184.538	0.64611	12.58332
556.8945	0.664043	13.21443	-934.297	132.1325	197.9206	0.650863	12.69308
557.0585	0.661044	13.39852	-930.554	125.687	189.2194	0.655861	12.58344
557.2225	0.658696	13.36551	-930.381	123.5519	187.7235	0.653084	12.52961
557.3865	0.660606	13.21424	-931.744	122.3448	184.7555	0.653	12.6929
557.5505	0.664606	13.36563	-931.744	116.0372	173.2616	0.653	12.74684
557.7145	0.663396	13.21416	-929.195	109.2436	163.9127	0.657857	12.74684
557.8785	0.662651	13.36576	-930.377	112.5095	171.2887	0.663826	12.74684
558.0425	0.661048	13.14855	-929.197	109.2906	163.192	0.664971	12.58372
558.2065	0.662601	12.99675	-925.283	106.303	161.3254	0.661117	12.69263
558.3705	0.6666	13.21385	-929.002	109.5499	164.4907	0.65906	12.74684
558.5345	0.666701	13.39852	-929.201	114.9478	173.7686	0.65803	12.74684
558.6985	0.661455	13.36609	-930.371	119	179.9109	0.659939	12.74684
558.8625	0.655106	13.18129	-931.744	105.2714	156.804	0.662908	12.58405
559.0265	0.648459	13.18129	-934.284	107.1755	169.0657	0.661062	12.6923
559.1905	0.652487	13.18129	-933.119	111.9646	169.9795	0.658094	12.42153
559.3545	0.656	13.18129	-926.668	111.9368	172.0036	0.658969	12.6376
559.5185	0.65276	13.18129	-926.451	106.6806	160.7865	0.665778	12.90938
559.6825	0.649704	13.18129	-927.829	103.3834	160.3631	1.312596	-99999
559.8465	0.650295	13.21338	-932.899	108.6433	167.5251	-99999	12.74684
560.0105	0.655532	13.36649	-933.124	106.1678	160.9194	0.655	12.42206
560.1745	0.660588	13.2133	-929.211	108.4731	165.697	0.660804	12.63707
560.3385	0.66006	13.36662	-930.361	117.9228	180.0312	0.664868	12.58457
560.5025	0.660293	13.18129	-931.744	124.1868	188.6798	0.665	12.69187
560.6665	0.660354	13.21311	-929.214	123.8139	186.8898	0.658233	12.74684
560.8305	0.661939	13.39852	-927.829	125.2774	190.1561	0.657034	12.74684
560.9945	0.663646	13.36678	-927.829	130.7305	197.7372	0.653136	12.58477
561.1585	0.662063	13.21292	-930.356	125.3594	187.2142	0.653	12.69162
561.3225	1.086323	13.39852	-929.217	168.0934	166.0269	0.655897	12.58485
561.4865	0.894878	13.39852	-927.829	158.2856	169.4022	0.654069	12.69151
561.6505	-99999	-99999	-99999	-99999	-99999	0.651105	12.58498
561.8145	0.665	13.39852	-927.829	141	212.0301	0.64907	12.36781
561.9785	0.665	13.36722	-927.829	131.2038	194.5964	0.650929	12.47406
562.1425	0.665644	13.18129	-930.35	114.2967	169.315	0.65582	12.69127

562.3065	0.664069	13.18129	-931.744	110.8065	167.9234	0.66082	12.58528
562.4705	0.663643	13.18129	-931.744	114.5435	172.7481	0.662927	12.69114
562.6345	0.666572	13.21244	-929.226	120.9768	183.1154	0.662037	12.74684
562.7985	0.667357	13.39852	-927.829	115.6827	170.4923	0.660074	12.74684
562.9625	0.664429	13.39852	-930.345	111.8846	169.7657	0.664814	12.58545
563.1265	0.655934	13.36756	-931.744	113.8297	172.9176	0.665	12.85221
563.2905	0.654569	13.18129	-929.23	113.6268	174.0435	0.663076	12.48028
563.4545	0.656	13.18129	-930.342	113.9157	173.348	0.660114	12.63481
563.6185	0.654717	13.18129	-929.232	115.709	177.4996	0.659038	12.90799
563.7825	0.654	13.18129	-930.34	106.0867	158.8506	0.660923	12.80294
563.9465	0.651435	13.21198	-929.234	110.0751	173.0135	0.666769	12.74684
564.1105	0.651282	13.36788	-927.829	124.1642	191.2559	0.662195	12.58584
564.2745	0.653281	13.21191	-927.829	115.1819	173.2817	0.662	12.52961
564.4385	0.650798	13.36802	-927.829	110.3246	170.7734	0.660079	12.52961
564.6025	0.651561	13.18129	-930.335	111.8388	171.0443	0.663841	12.36875
564.7665	0.653	13.18129	-929.239	119.7223	186.0926	0.667841	12.79469
564.9305	0.655559	13.18129	-930.334	121.5221	183.5689	0.666081	12.48187
565.0945	0.659558	13.21164	-929.241	116.5397	176.8443	0.660242	12.63375
565.2585	0.664833	13.36835	-927.829	122.9295	186.5237	0.653286	12.42574
565.4225	0.667	13.18129	-927.829	118.841	175.6255	0.64533	12.47292
565.5865	0.663808	13.21139	-932.827	107.7684	161.4332	0.655547	12.52961
565.7505	0.660723	13.36848	-930.661	108.2298	164.7196	0.656	12.36922
565.9145	0.660638	13.21131	-927.829	112.0763	169.9496	0.651209	12.31239
566.0785	0.661638	13.36861	-930.325	106.0082	158.2663	0.650042	12.63296
566.2425	0.662	13.18129	-929.248	103.7628	157.7981	0.650958	12.74684
566.4065	0.660726	13.21112	-930.323	112.3738	171.5976	0.657703	12.74684
566.5705	0.66	13.36874	-931.744	110.018	164.7246	0.660871	12.74684
566.7345	0.662547	13.18129	-926.759	110.9802	169.4363	0.660043	12.58675
566.8985	0.665909	13.21093	-928.897	117	175.7004	0.66	12.52961
567.0625	0.668273	13.36889	-931.744	110.0278	162.715	0.66	12.52961
567.2265	0.66582	13.21086	-929.254	112.0424	170.5666	0.662869	12.52961
567.3905	0.664	13.36901	-930.318	115.249	172.5138	0.663956	12.52961
567.5545	0.662729	13.18129	-929.256	125.9286	193.9557	0.661133	12.84925
567.7185	0.661365	13.21067	-925.342	117.1199	171.1803	1.29064	12.64456
567.8825	0.65973	13.39852	-926.4	115.5882	179.9342	0.691517	12.52961
568.0465	0.655826	13.36922	-927.829	125.1855	189.4911	0.662	12.52961
568.2105	0.650192	13.18129	-925.345	111.9112	169.4536	0.663909	12.52961
568.3745	0.649903	13.18129	-928.88	105.069	161.9732	0.664955	12.52961
568.5385	0.651	13.18129	-929.262	106	162.8264	0.665954	12.52961
568.7025	0.654803	13.21039	-927.829	110.8049	170.5663	0.664092	12.37014
568.8665	0.653833	13.34045	-927.829	117.6686	180.7466	0.664	12.47176
569.0305	0.651367	13.02202	-927.829	109.8651	165.742	0.667813	12.84829
569.1945	0.651633	13.36956	-927.829	107.3993	166.6458	0.666093	12.64549
569.3585	0.65643	13.21014	-930.306	114.5988	175.0286	0.663141	12.52961
569.5225	0.664693	13.36968	-931.744	119.7286	181.153	0.653473	12.68882
569.6865	0.665471	13.18129	-929.269	121.935	182.9286	0.655858	12.42862
569.8505	0.658943	13.18129	-927.829	128.4507	197.1253	0.656	12.47146

570.0145	0.657264	13.20999	-927.829	121.1667	180.4332	0.654096	12.68864
570.1785	0.659263	13.36994	-927.829	122.8249	190.2162	0.653048	12.9058
570.3425	0.661263	13.18129	-927.829	127.5598	190.8031	0.650146	12.64618
570.5065	0.660738	13.18129	-930.3	121	183.129	0.651903	12.52961
570.6705	0.661262	13.20974	-931.744	117.8142	177.2653	0.653902	12.68842
570.8345	0.662631	13.37009	-931.744	116.5925	176.404	0.649246	12.74684
570.9985	0.664261	13.18129	-929.276	115.3475	172.9021	0.652802	12.74684
571.1625	0.66626	13.18129	-927.829	119.8929	181.8855	0.653	12.74684
571.3265	0.66763	13.18129	-930.295	124.4098	185.8988	0.656801	12.42968
571.4905	0.666741	13.18129	-929.279	119.2917	177.8611	1.295174	-99999
571.6545	0.663483	13.18129	-925.365	104.8782	154.8723	-99999	12.31239
571.8185	0.662	13.20934	-928.84	110.3493	171.0642	0.666	12.62924
571.9825	0.663258	13.39852	-931.744	116.065	172.7486	0.663153	12.58843
572.1465	0.664628	13.34284	-929.285	115.3387	175.3342	0.660155	12.37143
572.3105	0.660605	12.99185	-927.829	118.3604	178.399	0.66	12.47053
572.4745	0.654862	13.20906	-927.829	114.9444	175.2169	0.662843	12.52961
572.6385	0.653	13.37087	-927.829	111.3627	169.7757	0.661105	12.68764
572.8025	0.654881	13.20893	-930.284	110.5815	169.311	0.661	12.58883
572.9665	0.656	13.37094	-931.744	107.2569	162.1324	0.660053	12.52961
573.1305	0.655373	13.18129	-929.291	101.9466	155.2489	0.663786	12.68749
573.2945	0.651869	13.18129	-930.281	111.0046	173.2485	0.66684	12.90467
573.4585	0.65	13.20868	-931.744	118.9475	182.689	0.667946	12.49077
573.6225	0.653129	13.37114	-931.744	122.2076	188.3154	0.665162	12.47014
573.7865	0.658754	13.18129	-931.744	123.3711	186.5421	0.663108	12.68727
573.9505	0.661625	13.18129	-929.295	113.1178	168.711	0.663	12.58923
574.1145	0.662625	13.18129	-927.829	113.88	174.1119	0.661109	12.52961
574.2785	0.660501	13.18129	-925.383	116.7999	175.6105	0.658165	12.52961
574.4425	0.659625	13.18129	-926.36	115.6236	176.0419	0.654221	12.52961
574.6065	0.661873	13.20834	-930.273	109.0824	162.2738	0.649276	12.52961
574.7705	0.662376	13.37153	-929.3	106.7669	162.854	0.649944	12.37226
574.9345	0.662624	13.18129	-927.829	111.4759	168.0841	0.651888	12.31239
575.0985	0.659882	13.20815	-927.829	111	168.2142	0.656719	12.46962
575.2625	0.655506	13.39852	-927.829	117.2821	180.7754	0.652282	12.3724
575.4265	0.660855	13.37174	-927.829	103.1129	150.5274	0.651057	12.46951
575.5905	0.666246	13.18129	-927.829	98.59902	151.8662	0.651	12.52961
575.7545	0.66451	13.18129	-927.829	110.4771	166.1028	0.659486	12.37258
575.9185	0.661755	13.18129	-927.829	103.7291	154.9256	0.667541	12.31239
576.0825	0.663489	13.18129	-927.829	93.82173	140.22	0.664231	12.46934
576.2465	0.667488	13.18129	-927.829	106.708	164.5827	0.655519	12.52961
576.4105	0.668378	13.18129	-930.263	118.8691	176.9465	0.657825	12.68643
576.5745	0.664272	13.18129	-929.311	118.0867	178.3855	0.659883	12.59007
576.7385	0.658273	13.18129	-927.829	114.2651	171.8826	0.662824	12.52961
576.9025	0.653516	13.18129	-927.829	115.2527	178.2209	0.660177	12.6863
577.0665	0.653241	13.18129	-927.829	122.5627	188.0778	0.661882	12.43366
577.2305	0.654621	13.18129	-930.258	109.9438	163.8419	0.662	12.31239
577.3945	0.655	13.18129	-929.316	103.7659	160.4008	0.664821	12.6254
577.5585	0.65376	13.18129	-927.829	110	168.2578	0.667821	12.5904

577.7225	0.651761	13.15524	-930.255	113.119	174.4863	0.668	12.52961
577.8865	0.652239	13.01604	-929.319	110.2835	167.4142	0.66518	12.52961
578.0505	0.656097	13.37259	-927.829	110.7132	170.3935	0.662182	12.84219
578.2145	0.659857	13.18129	-925.406	114.4423	172.9873	0.662	12.65158
578.3785	0.661619	13.18129	-926.336	124.4161	191.3557	0.664817	12.52961
578.5425	0.663237	13.18129	-920.564	123.5904	183.0533	0.665	12.52961
578.7065	0.662764	13.18129	-920.925	106.26	158.3578	0.657491	12.52961
578.8705	0.662	13.18129	-928.754	115.0266	178.1357	0.653248	12.37359
579.0345	0.661383	13.18129	-929.327	122.2698	182.9026	0.653	12.62421
579.1985	0.659148	13.18129	-927.829	118.0696	179.7376	0.655812	12.43515
579.3625	0.656766	13.18129	-932.66	105.5214	156.3773	0.656937	12.31239
579.5265	0.658467	13.18129	-930.83	101.8218	157.4738	0.654189	12.62385
579.6905	0.662466	13.20662	-927.829	115.133	174.9861	0.650254	12.59115
579.8545	0.663384	13.34789	-927.829	116.9341	175.6656	0.650937	12.52961
580.0185	0.663616	12.96407	-925.417	123.7749	189.064	0.653809	12.52961
580.1825	0.662153	12.98925	-926.325	123.2302	183.5131	0.661487	12.68517
580.3465	0.663462	13.15617	-932.648	103.1385	152.0467	0.661064	12.59138
580.5105	0.665	12.98913	-928.431	102.8236	157.7791	0.662871	12.52961
580.6745	0.664385	13.18129	-928.729	116.6068	176.5657	0.660194	12.52961
580.8385	0.665844	13.18129	-934.151	122.0598	183.91	0.66	12.3743
581.0025	0.663927	13.18129	-930.847	117.8242	175.6295	0.662804	12.46768
581.1665	0.6577	13.18129	-930.234	111.4855	169.3571	0.661131	12.68481
581.3305	0.655	13.20609	-929.339	114.5993	176.0292	0.662868	12.43652
581.4945	0.658069	13.37373	-927.829	123.1404	188.6148	0.65833	12.31239
581.6585	0.658773	13.15662	-930.231	114.1293	169.1249	0.655199	12.46744
581.8225	0.654933	12.98872	-926.941	106.1343	163.6094	0.663401	12.68464
581.9865	0.651161	13.1567	-928.714	114.5929	177.0679	0.6668	12.59191
582.1505	0.650613	12.9886	-929.344	121.5908	187.9583	0.663268	12.68451
582.3145	0.65345	13.18129	-927.829	120.3846	182.877	0.662067	12.43714
582.4785	0.655612	13.18129	-930.226	119.075	182.5345	0.663865	12.46717
582.6425	0.656	13.18129	-929.347	113.2924	170.1121	0.668661	12.52961
582.8065	0.657836	13.18129	-927.829	105	159.6152	0.669	12.37495
582.9705	0.662059	13.15702	-927.829	112.1645	171.4961	0.662478	12.31239
583.1345	0.666445	12.96407	-930.222	120.0232	180.3912	0.65641	12.46697
583.2985	0.665556	12.96407	-936.529	110.7743	163.3976	0.652275	12.68413
583.4625	0.663389	12.96407	-934.79	103.5549	156.8559	0.652931	12.59234
583.6265	0.661168	12.98813	-929.353	112.6408	172.3504	0.655793	12.68402
583.7905	0.661221	13.15729	-927.829	122.5737	186.4259	0.654139	12.59247
583.9545	0.66322	12.98805	-927.829	121.917	182.6316	0.654	12.52961
584.1185	0.66522	13.18129	-927.829	111.3691	165.4806	0.65028	12.37536
584.2825	0.663561	13.18129	-930.216	116.2149	178.5005	0.652789	12.62085
584.4465	0.659562	13.15749	-929.358	129.0385	196.2581	0.658579	12.43856
584.6105	0.658609	12.9878	-930.214	123.3604	185.0358	0.660859	12.62059
584.7745	0.661436	13.18129	-929.36	110.9084	166.1935	0.661929	12.74684
584.9385	0.665434	13.18129	-927.829	109.5598	165.6807	0.662929	12.59292
585.1025	0.666392	13.18129	-927.829	112.4918	168.6568	0.663	12.52961
585.2665	0.664784	13.18129	-927.829	117.0809	177.6308	0.661144	12.52961

585.4305	0.662785	13.18129	-925.45	125.5545	190.4987	0.661928	12.37585
585.5945	0.660785	13.18129	-928.67	120.3703	179.578	0.658289	12.31239
585.7585	0.662429	13.18129	-931.744	117.0732	178.22	0.656145	12.46604
585.9225	0.657934	13.18129	-931.744	115.4127	173.3804	0.659707	12.52961
586.0865	0.650968	13.18129	-926.996	111.0262	171.1824	0.66278	12.52961
586.2505	0.649	13.20437	-926.287	108.95	166.6413	0.663	12.37618
586.4145	0.650818	13.37546	-927.829	105	161.3363	0.663926	12.31239
586.5785	0.654423	13.18129	-930.2	115.6217	179.8354	0.662148	12.46571
586.7425	0.655395	13.18129	-929.374	118.4176	178.3859	0.663851	12.52961
586.9065	0.655	13.18129	-930.198	105.9466	160.2271	0.664926	12.52961
587.0705	0.655605	13.15848	-929.375	111.6057	173.4238	0.664075	12.68279
587.2345	0.659023	12.98686	-930.196	118.4658	178.7219	0.666775	12.59371
587.3985	0.663418	13.18129	-929.378	108.4405	161.5311	0.663302	12.52961
587.5625	0.665	13.18129	-927.829	118.1367	182.4583	0.654681	12.68265
587.7265	0.662584	13.18129	-927.829	122.9094	182.1404	0.655849	12.59389
587.8905	0.659189	13.15875	-932.556	121.0687	186.4236	0.658771	12.52961
588.0545	0.657397	12.96407	-933.296	125.467	189.4839	0.659	12.68247
588.2185	0.661825	12.96407	-929.382	116.4698	174.6708	0.652536	12.59405
588.3825	0.665603	12.96407	-925.468	112.5031	169.174	0.650154	12.52961
588.5465	0.664795	12.9864	-926.274	118.029	179.0543	0.651846	12.37693
588.7105	0.662192	13.18129	-927.829	123	185.7476	0.653845	12.46503
588.8745	0.660398	13.18129	-930.187	131.0391	200.8502	0.655845	12.52961
589.0385	0.662408	13.18129	-931.744	121.4253	178.1129	0.656	12.52961
589.2025	0.667611	13.20343	-931.744	118.0513	180.931	0.659688	12.37711
589.3665	0.668196	13.37644	-931.744	119.458	175.0042	0.663687	12.31239
589.5305	0.666399	13.18129	-929.39	122.0412	187.6522	0.667685	12.46476
589.6945	0.663596	13.18129	-927.829	128.9805	191.9276	0.664315	12.52961
589.8585	0.662601	13.18129	-927.829	120.4991	181.7077	0.663079	12.37735
590.0225	0.6624	13.15942	-927.829	114.4933	171.1808	0.660238	12.46463
590.1865	0.660199	12.98587	-930.179	101.4931	151.4399	0.661841	12.52961
590.3505	0.655399	13.15954	-931.744	101.0021	156.2932	0.66384	12.3775
590.5145	0.651201	12.9858	-929.396	103	156.6213	0.66584	12.46445
590.6785	0.6506	13.18129	-927.829	101.4979	157.0768	0.662321	12.52961
590.8425	0.654596	13.15968	-927.829	111.4921	172.2664	0.658322	12.52961
591.0065	0.656401	12.98561	-930.174	110.0122	165.1579	0.658	12.6815
591.1705	0.654802	13.18129	-929.399	104.9936	161.2671	0.662594	12.59499
591.3345	0.64981	13.18129	-927.829	111.9902	173.6077	0.667594	12.68141
591.4985	0.649992	13.18129	-927.829	108.5229	164.7021	0.666163	12.59511
591.6625	0.659775	13.18129	-927.829	113.4542	175.582	0.664164	12.52961
591.8265	0.663804	13.18129	-932.51	120.5218	179.8971	0.661245	12.52961
591.9905	0.661805	13.16007	-933.319	110.5206	165.6298	0.661	12.52961
592.1545	0.661	12.98527	-931.744	109.9805	167.5923	0.663753	12.52961
592.3185	0.661	13.18129	-931.744	125.4369	193.2415	0.65391	12.52961
592.4825	0.663388	13.18129	-931.744	126.5641	187.6685	0.649332	12.52961
592.6465	0.666193	13.16034	-931.744	112.0281	166.9725	0.649917	12.52961
592.8105	0.665808	12.96407	-929.411	110.4809	166.6902	0.651832	12.52961
592.9745	0.661426	12.98495	-927.829	121.9286	187.1165	0.654748	12.68082

593.1385	0.657213	13.18129	-930.16	120.5865	180.2628	0.655	12.44457
593.3025	0.658977	13.18129	-929.413	105.0443	157.9208	0.655	12.4635
593.4665	0.662785	13.18129	-930.159	101.9811	154.4639	0.656831	12.52961
593.6305	0.66519	13.16067	-936.401	104.9899	158.1328	0.659745	12.52961
593.7945	0.666	12.96407	-934.919	104.5156	156.4815	0.664574	12.52961
593.9585	0.665406	12.96407	-929.417	102.5053	153.8992	0.665	12.52961
594.1225	0.665	12.98455	-927.829	118.3137	182.8671	0.661343	12.52961
594.2865	0.669157	13.16088	-925.504	128.0833	189.3802	0.659172	12.52961
594.4505	0.669626	12.96407	-926.238	111.6189	163.8176	0.657173	12.52961
594.6145	0.66385	12.98435	-930.15	101.5067	152.7564	0.663393	12.52961
594.7785	0.656258	13.16107	-929.423	111.3558	172.9724	0.665826	12.37907
594.9425	0.654185	12.96407	-927.829	111.1578	166.5873	0.665087	12.46291
595.1065	0.655592	12.96407	-927.829	100.4925	153.4368	0.660437	12.68004
595.2705	0.655408	12.96407	-927.829	108.3833	167.6599	0.660912	12.59645
595.4345	0.652042	12.98408	-925.513	120.9206	187.0084	0.663736	12.37927
595.5985	0.651183	13.18129	-926.23	107.3073	159.0161	0.669471	12.31239
595.7625	0.651409	13.18129	-927.829	98.81538	155.0776	0.667266	12.31239
595.9265	0.653364	13.18129	-927.829	108.0348	164.7512	0.666089	12.46255
596.0905	0.657363	13.16153	-930.142	106.982	163.0447	0.662356	12.52961
596.2545	0.660181	12.98382	-931.744	108.4908	164.4852	0.662911	12.37954
596.4185	0.661	13.18129	-929.433	102.621	153.2911	0.662089	12.4624
596.5825	0.66159	13.16167	-927.829	97.47116	147.7795	0.658359	12.52961
596.7465	0.66141	12.96407	-930.138	98.50992	148.7879	0.654359	12.52961
596.9105	0.662179	12.98356	-931.744	115.1422	179.1198	0.649452	12.52961
597.0745	0.663	13.18129	-929.437	124.1868	184.6053	0.650819	12.52961
597.2385	0.661822	13.18129	-927.829	114.0211	171.9806	0.656456	12.52961
597.4025	0.658644	13.16194	-927.829	105.1733	157.2232	0.657	12.67934
597.5665	0.658177	12.98336	-932.438	98.95544	150.95	0.653364	12.44757
597.7305	0.66253	13.18129	-933.355	101.4886	153.3337	0.648458	12.46198
597.8945	0.668528	13.18129	-929.442	112.2564	170.9805	0.650725	12.52961
598.0585	0.667473	13.18129	-930.131	115.188	170.1356	0.663714	12.67909
598.2225	0.663825	13.18129	-927.142	111.8795	170.0523	0.663184	12.59738
598.3865	0.664762	13.16227	-923.914	116.5124	175.1216	0.661184	12.52961
598.5505	0.667174	12.96407	-926.213	104.3039	152.7738	0.661	12.38029
598.7145	0.66624	12.98302	-927.829	92.48718	138.9716	0.661	12.31239
598.8785	0.66324	13.1624	-930.126	111.5072	173.8986	0.665535	12.4616
599.0425	0.659068	12.98289	-929.448	126.1327	189.8413	0.666907	12.52961
599.2065	0.657	13.18129	-930.124	111.758	167.2178	0.664281	12.38053
599.3705	0.659344	13.16259	-929.45	106.8612	163.5646	0.660376	12.46145
599.5345	0.659829	12.98269	-930.12	108.1148	162.636	0.656377	12.52961
599.6985	0.656074	13.18129	-929.453	105.4565	161.2051	0.660527	12.38073
599.8625	0.653415	13.1628	-927.829	110.8816	170.9219	0.663715	12.46121
600.0265	0.654169	12.96407	-930.118	111.6057	169.5473	0.66581	12.52961
600.1905	0.655584	12.96407	-929.456	107.0308	162.957	0.666	12.23216
600.3545	0.656584	12.96407	-927.829	102.609	155.2188	0.665096	12.39253
600.5185	0.656416	12.96407	-927.829	107.2328	165.9518	0.665	12.52961
600.6825	0.656584	12.96407	-927.829	124.7116	192.6657	0.670423	12.52961

600.8465	0.656417	12.96407	-930.113	126.7449	190.7975	0.669193	12.6781
601.0105	0.660082	12.98217	-929.461	125.2838	191.72	0.660871	12.44991
601.1745	0.665331	13.16319	-930.111	116.5372	170.4363	0.653677	12.31239
601.3385	0.663504	12.9821	-929.463	100.4831	151.5996	0.654806	12.46074
601.5025	0.659835	13.18129	-927.829	109.6897	168.9806	0.656805	12.38133
601.6665	0.658418	13.16339	-930.108	114.6579	172.7726	0.654293	12.31239
601.8305	0.659164	12.9819	-929.466	110	166.8784	0.650392	12.46059
601.9945	0.661163	13.18129	-930.106	105.6621	158.4665	0.652706	12.23331
602.1585	0.659093	13.16353	-929.467	103.4092	157.6686	0.651197	12.24325
602.3225	0.659907	12.96407	-930.105	103.1108	155.3622	0.654606	12.46041
602.4865	0.662	12.96407	-927.195	105.2936	160.7118	0.657703	12.52961
602.6505	0.663742	12.98164	-930.734	101.8624	150.6426	0.661603	12.23375
602.8145	0.667322	13.18129	-931.114	101.6154	155.2173	0.660199	12.24305
602.9785	0.667259	13.14629	-927.829	115.845	174.822	0.662702	12.31239
603.1425	0.66658	12.76427	-930.1	115.1968	171.3263	0.6612	12.6079
603.3065	0.66642	12.98143	-929.474	116.7202	177.2491	0.6628	12.59915
603.4705	0.665421	13.18129	-927.829	121.6015	181.9913	0.6621	12.52961
603.6345	0.662683	13.19859	-927.829	109.409	162.05	0.6611	12.52961
603.7985	0.660421	13.38128	-927.829	99.4794	150.7818	0.658302	12.38206
603.9625	0.656527	13.16412	-927.829	107.1864	165.597	0.658899	12.31239
604.1265	0.651686	12.96407	-927.829	113.0848	172.9066	0.664392	12.16496
604.2905	0.649422	12.96407	-927.829	101.4303	153.101	0.669492	12.38997
604.4545	0.652468	12.96407	-927.829	90.52168	138.591	0.666407	12.38226
604.6185	0.656156	12.96407	-927.829	96.69453	149.476	0.663306	12.45968
604.7825	0.655845	12.96407	-927.829	98.26549	147.9914	0.664796	12.38239
604.9465	0.655	12.96407	-927.829	99.64114	154.5614	0.667692	12.31239
605.1105	0.656731	12.98084	-927.829	110.3863	168.8366	0.666206	12.45953
605.2745	0.660884	13.18129	-930.087	104.8892	156.1972	0.661514	12.38252
605.4385	0.66646	13.18129	-929.487	103.6314	157.8381	0.658309	12.45942
605.6025	0.668424	13.16465	-927.829	109.6167	163.2438	0.657104	12.52961
605.7665	0.663967	12.96407	-927.829	105.0946	157.6705	0.660585	12.38272
605.9305	0.660424	12.96407	-925.575	103.9521	157.7054	0.659208	12.45926
606.0945	0.66	12.96407	-926.167	115.4695	178.2751	0.654521	12.52961
606.2585	0.66	12.9805	-927.829	114.6308	169.7571	0.653104	12.52961
606.4225	0.662298	13.18129	-930.079	107.6475	164.6159	0.654789	12.52961
606.5865	0.661703	13.18129	-929.496	112.1529	168.5746	0.655	12.67611
606.7505	0.66	13.16518	-930.076	109	165.1515	0.656788	12.45389
606.9145	0.661147	12.96407	-931.744	111.3703	169.1983	0.656106	12.45882
607.0785	0.664294	12.96407	-929.498	117.3174	177.6407	0.656894	12.52961
607.2425	0.666	12.98004	-930.074	125.736	190.2912	0.657	12.52961
607.4065	0.665427	13.16538	-929.5	129.5801	194.2809	0.662359	12.52961
607.5705	0.659272	12.96407	-930.071	136.0409	209.0304	0.665679	12.2372
607.7345	0.660152	12.96407	-931.744	131.2879	194.6536	0.661536	12.38749
607.8985	0.666862	12.97984	-929.503	110.3277	163.6852	0.660107	12.52961
608.0625	0.666139	13.16558	-925.589	112.9753	172.498	0.658216	12.52961
608.2265	0.661141	12.97971	-935.108	122.5279	185.1769	0.659784	12.38365
608.3905	0.656714	13.18129	-936.776	123.4153	188.393	0.661783	12.31239

608.5545	0.654429	13.18129	-931.744	131.6026	203.2351	0.65665	12.45829
608.7185	0.650002	13.16578	-931.744	148.9008	232.3887	0.661348	12.38378
608.8825	0.645287	12.96407	-929.509	142.0958	214.2634	0.662	12.45816
609.0465	0.641147	12.96407	-927.829	124.3543	194.752	0.664672	12.38391
609.2105	0.63843	12.96407	-927.829	121.8239	189.0923	0.668562	12.45807
609.3745	0.63686	12.96407	-927.829	123.0559	195.5883	0.667219	12.52961
609.5385	0.639989	12.97931	-930.06	131.9405	206.4696	0.66611	12.38405
609.7025	0.645279	13.18129	-929.513	138.6393	216.6812	0.66689	12.16689
609.8665	0.646431	13.18129	-925.6	141.7125	218.1386	0.664331	12.2406
610.0305	0.637463	13.16624	-928.37	136.1227	212.9046	0.662222	12.4578
610.1945	0.627587	12.96407	-929.517	133.5308	212.6109	0.660222	12.52961
610.3585	0.626706	12.96407	-927.829	127.8407	202.2609	0.654666	12.38431
610.5225	0.629137	12.96407	-927.829	128.0934	205.648	0.650446	12.45763
610.6865	0.63	12.96407	-930.053	136.8737	217.8934	0.649112	12.52961
610.8505	0.628296	12.96407	-931.744	127.2972	198.591	0.65344	12.38447
611.0145	0.626432	12.97885	-931.744	128.0385	209.1839	0.656664	12.16728
611.1785	0.624865	13.18129	-929.522	135.5795	214.0813	0.656112	12.38524
611.3425	0.627404	13.16664	-930.05	131.1425	210.7372	0.655113	12.38464
611.5065	0.630567	12.97865	-931.744	129.0577	201.9897	0.657661	12.45729
611.6705	0.627033	13.16677	-931.744	115.798	183.21	0.662434	12.38473
611.8345	0.625699	12.96407	-929.527	113.3336	181.9191	0.668321	12.31239
611.9985	0.627	12.96407	-930.046	123.932	200.3606	0.668114	12.31239
612.1625	0.630396	12.96407	-929.528	131.1349	207.406	0.661797	12.4571
612.3265	0.633	12.96407	-927.829	143.4452	231.4986	0.660114	12.38497
612.4905	0.634696	12.97832	-930.043	146.9612	227.1961	0.659114	12.45701
612.6545	0.638261	13.16704	-929.531	132	206.8141	0.660771	12.52961
612.8185	0.638305	12.96407	-927.829	134.7922	212.1208	0.662771	12.52961
612.9825	0.633046	12.96407	-925.618	149.6265	240.4147	0.66123	12.52961
613.1465	0.633387	12.96407	-928.334	143.4803	220.0712	0.659231	12.38524
613.3105	0.637128	12.96407	-929.536	132.6036	212.0128	0.662536	12.31239
613.4745	0.634618	12.96407	-927.829	147.8559	233.6319	0.665652	12.45663
613.6385	0.632	12.96407	-925.623	140.2594	218.6181	0.666	12.67379
613.8025	0.63538	12.96407	-928.325	129.9271	204.7985	0.665117	12.60273
613.9665	0.640815	12.96407	-931.744	133.7794	209.6839	0.656169	12.38557
614.1305	0.644688	12.97773	-931.744	140.2405	218.6045	0.662945	12.60043
614.2945	0.646	13.16764	-929.542	142.6117	220.2984	0.668414	12.74684
614.4585	0.644313	12.96407	-930.03	153.0281	241.5745	0.664587	12.45902
614.6225	0.644124	12.96407	-931.744	148.9698	225.28	0.659589	12.31239
614.7865	0.646124	12.96407	-929.544	135.3921	211.9979	0.654591	12.59995
614.9505	0.643631	12.96407	-927.829	140.3064	216.7278	0.654882	12.60308
615.1145	0.641	12.96407	-930.026	140.1538	220.0478	0.647066	12.3859
615.2785	0.641561	12.96407	-931.744	139.9246	216.3984	0.645119	12.31239
615.4425	0.644244	12.96407	-931.744	138.1498	215.812	0.639714	12.31239
615.6065	0.647121	12.96407	-931.744	144.3824	223.5745	0.638119	12.31239
615.7705	0.64744	12.96407	-931.744	147.3814	228.1016	0.636239	12.31239
615.9345	0.6442	12.96407	-929.552	148.0794	229.5536	0.642162	12.45584
616.0985	0.64368	12.96407	-930.021	154.823	243.1309	0.64564	12.38623

616.2625	0.645	12.96407	-929.553	168.1388	262.0728	0.64688	12.31239
616.4265	0.648356	12.98992	-930.019	160.1321	242.7761	0.632049	12.45564
616.5905	0.650441	13.38565	-929.555	143.6222	220.3456	0.626483	12.52961
616.7545	0.647206	13.16843	-927.829	141.0818	217.6752	0.626879	12.38643
616.9185	0.640531	12.96407	-927.829	136.3284	211.5615	0.630515	12.4555
617.0825	0.638675	12.96407	-927.829	133.8346	210.1691	0.629243	12.38657
617.2465	0.638884	12.96407	-930.014	139.2084	218.9955	0.628122	12.1694
617.4105	0.637442	12.96407	-929.56	151.7028	240.9727	0.625366	12.38108
617.5745	0.635328	12.96407	-927.829	144.1548	220.7109	0.624122	12.52961
617.7385	0.632886	12.96407	-927.829	136.7229	220.7921	0.630141	12.52961
617.9025	0.633671	12.96407	-927.829	142.029	220.403	0.631	12.24418
618.0665	0.637226	12.9764	-927.829	140.8773	225.0893	0.624863	12.38047
618.2305	0.633993	13.16902	-927.829	144.0436	223.3018	0.626629	12.38698
618.3945	0.634448	12.96407	-932.182	140.5833	224.7876	0.627	12.1698
618.5585	0.639668	12.96407	-931.307	155.6497	244.5621	0.631381	12.23768
618.7225	0.642111	12.96407	-927.829	158.6323	246.5859	0.633752	12.31239
618.8865	0.645222	12.97613	-927.829	148.3436	227.02	0.635751	12.17
619.0505	0.647	13.18129	-930.002	143.0082	222.7294	0.639501	12.23753
619.2145	0.645891	13.16929	-929.572	156.2821	244.4517	0.637375	12.45471
619.3785	0.643336	12.96407	-927.829	163.635	253.8852	0.630001	12.38736
619.5425	0.642	12.96407	-930	157.9078	244.5635	0.635997	12.31239
619.7065	0.643663	12.97586	-931.744	155.2719	241.9993	0.637	12.45451
619.8705	0.645554	13.16955	-931.744	154.8215	238.7496	0.633504	12.38752
620.0345	0.646	12.96407	-929.578	154.6288	240.5975	0.632126	12.31239
620.1985	0.642681	12.96407	-927.829	152.198	234.4427	0.63724	12.31239
620.3625	0.641106	12.96407	-927.829	143.0937	222.8899	0.642365	12.31239
620.5265	0.646421	12.97553	-927.829	140.6414	217.1287	0.645618	12.31239
620.6905	0.651105	13.18129	-927.829	145.7882	226.1909	0.645128	12.45416
620.8545	0.650344	13.16989	-929.99	145.4048	220.6379	0.644128	12.38789
621.0185	0.647896	12.96407	-931.744	141.3314	220.3092	0.644872	12.45405
621.1825	0.646448	12.96407	-929.584	152.1636	236.4688	0.646744	12.24643
621.3465	0.647654	12.95286	-927.829	155.5484	240.0209	0.640899	12.23669
621.5105	0.64404	12.75798	-929.987	147.3274	226.0409	0.641743	12.31239
621.6745	0.636695	12.95293	-927.431	133.4884	208.0612	0.641129	12.45385
621.8385	0.632348	12.75791	-928.226	138.8245	223.366	0.645355	12.38822
622.0025	0.631551	12.96407	-927.434	155.155	246.775	0.647741	12.45371
622.1665	0.63255	12.96407	-921.76	151.7934	237.4565	0.64713	12.2471
622.3305	0.6352	12.97494	-922.152	143.4501	225.9916	0.64352	12.2364
622.4945	0.637	13.15955	-923.914	146.6996	231.2363	0.64387	12.31239
622.6585	0.637	12.76845	-926.065	142.3534	220.8153	0.645739	12.17126
622.8225	0.637549	13.17055	-929.979	136.1465	214.6381	0.649478	12.23622
622.9865	0.642941	12.96407	-931.744	135.0589	208.4265	0.65	12.31239
623.1505	0.650292	12.96407	-929.596	137.9777	215.1813	0.646525	12.31239
623.3145	0.649162	12.96407	-929.976	146.7564	225.2892	0.638181	12.17146
623.4785	0.639421	12.96407	-929.598	146.2429	229.5468	0.638737	12.23602
623.6425	0.637836	12.96407	-929.975	146.3103	228.4791	0.639	12.31239
623.8065	0.642643	12.96407	-933.888	143.448	223.3702	0.637264	12.31239

623.9705	0.644	12.96407	-933.516	144.8953	225.3026	0.63353	12.31239
624.1345	0.643453	12.96407	-931.744	145.105	225.1991	0.633	12.31239
624.2985	0.642453	12.95379	-929.602	148.4736	232.6614	0.634735	12.45299
624.4625	0.643094	12.75705	-927.829	161.1529	253.0542	0.637601	12.38908
624.6265	0.64564	12.96407	-929.969	161.5117	247.2564	0.631067	12.31239
624.7905	0.648092	12.96407	-931.744	143.4104	218.6839	0.637797	12.31239
624.9545	0.647362	12.97414	-929.607	135.7851	210.3753	0.640733	12.31239
625.1185	0.646	13.16127	-927.829	141.5691	220.3813	0.642732	12.31239
625.2825	0.644909	12.75678	-927.829	146.4458	227.2364	0.646463	12.45265
625.4465	0.645091	12.96407	-929.964	145.6634	225.3431	0.647	12.24922
625.6105	0.647635	12.96407	-929.61	138.6573	212.2714	0.64527	12.23534
625.7745	0.647366	12.96407	-927.829	139.1209	217.3955	0.642405	12.31239
625.9385	0.641644	12.96407	-929.961	144.4406	223.8382	0.642	12.31239
626.1025	0.635822	12.97374	-931.744	131.1077	203.0159	0.644594	12.31239
626.2665	0.635088	13.16207	-929.614	121.7772	192.3726	0.645864	12.31239
626.4305	0.637631	12.74684	-927.829	130.66	207.2358	0.646	12.31239
626.5945	0.637913	12.76593	-929.957	138.5562	217.0454	0.639953	12.31239
626.7585	0.636457	13.17181	-929.617	141.1059	222.8058	0.641591	12.45219
626.9225	0.634914	12.95472	-927.829	129.4919	198.4084	0.649767	12.38995
627.0865	0.635628	12.7654	-929.953	118.8557	190.0934	0.651863	12.45199
627.2505	0.63971	13.17214	-931.744	139.2856	220.9479	0.649414	12.3901
627.4145	0.642	12.96407	-927.503	148.79	230.984	0.647276	12.17292
627.5785	0.643625	12.96407	-928.154	154.3955	242.7931	0.646138	12.37397
627.7425	0.643376	12.96407	-929.625	157.4934	242.1263	0.648584	12.39028
627.9065	0.642	12.96407	-927.829	142.7049	220.4166	0.64125	12.31239
628.0705	0.643082	12.96407	-929.946	140.4095	219.8788	0.634835	12.45164
628.2345	0.644	12.96407	-929.628	142.4738	219.9946	0.631418	12.52961
628.3985	0.64346	12.96407	-927.829	139.7626	217.8269	0.631861	12.52961
628.5625	0.64192	12.96407	-927.829	143.7614	224.5825	0.63286	12.39054
628.7265	0.638841	12.97275	-927.829	136.3192	209.8974	0.63644	12.31239
628.8905	0.643474	13.17267	-927.829	131.4754	206.8528	0.637	12.45137
629.0545	0.648461	12.95545	-927.829	137.044	209.949	0.63614	12.52961
629.2185	0.646383	12.76394	-929.939	139.0308	217.5868	0.638578	12.39074
629.3825	0.642305	13.17281	-931.744	155.4651	244.7382	0.645872	12.31239
629.5465	0.64377	12.96407	-931.744	146.1309	220.5143	0.651294	12.17365
629.7105	0.651306	12.96407	-929.637	132.9628	207.8686	0.64685	12.23388
629.8745	0.653924	12.95571	-929.935	149.63	229.7406	0.636558	12.45106
630.0385	0.648159	12.75513	-931.744	153	236.0644	0.640149	12.52961
630.2025	0.640236	12.96407	-929.639	150.8105	234.7609	0.642716	12.39107
630.3665	0.635925	12.97222	-929.933	140.5609	218.3457	0.644715	12.31239
630.5305	0.635537	13.1732	-929.641	125.3152	195.147	0.643286	12.31239
630.6945	0.634926	12.96407	-929.93	130.2393	209.5547	0.642143	12.31239
630.8585	0.634537	12.95605	-929.643	146.437	230.9344	0.643714	12.17405
631.0225	0.635	12.75479	-927.829	141.3232	220.5133	0.64657	12.23344
631.1865	0.635536	12.95618	-929.928	140.982	224.3341	0.648713	12.31239
631.3505	0.638143	12.74684	-931.744	151.7443	238.4083	0.646432	12.31239
631.5145	0.641071	12.75466	-931.744	151.3846	235.2184	0.645144	12.31239

631.6785	0.642535	12.97182	-929.648	153.2292	240.3297	0.645	12.31239
631.8425	0.646211	13.1736	-927.829	153.9036	236.0562	0.645855	12.31239
632.0065	0.646325	12.95644	-929.923	152.0922	237.5249	0.648565	12.31239
632.1705	0.645069	12.7544	-931.744	142.606	214.9316	0.646436	12.17447
632.3345	0.645466	12.95651	-933.836	133.475	211.5934	0.638308	12.23304
632.4985	0.643398	12.75433	-931.476	144.4818	222.2119	0.635291	12.4502
632.6625	0.639864	12.96407	-927.829	143.8163	227.6138	0.635	12.52961
632.8265	0.639601	12.95671	-927.829	150.5285	234.1153	0.639269	12.52961
632.9905	0.642067	12.75413	-929.917	146	227.3912	0.637439	12.52961
633.1545	0.645132	12.96407	-931.744	140.7985	216.4246	0.635293	12.25439
633.3185	0.645401	12.96407	-929.657	148.2997	234.9344	0.634147	12.23271
633.4825	0.642402	12.96407	-927.829	154.8755	236.6896	0.637412	12.44987
633.6465	0.64313	12.96407	-927.829	137.7019	213.6558	0.640558	12.52961
633.8105	0.647659	12.96407	-929.911	132.1111	202.6254	0.642704	12.39229
633.9745	0.646279	12.96407	-929.663	139.5259	220.4903	0.644704	12.44967
634.1385	0.645126	12.96407	-927.829	151.2502	232.7803	0.642445	12.3924
634.3025	0.648063	12.96407	-927.829	141.1166	216.3769	0.641149	12.31239
634.4665	0.644221	12.9573	-927.829	142.0366	222.7329	0.644404	12.1753
634.6305	0.639469	12.74684	-929.906	145.2603	225.4345	0.643298	12.23222
634.7945	0.639	12.75353	-931.744	139	217.5274	0.643	12.31239
634.9585	0.63794	12.96407	-929.668	135.986	212.0629	0.641299	12.44934
635.1225	0.63647	12.96407	-927.829	140.1752	223.2291	0.63845	12.39273
635.2865	0.63547	12.96407	-927.829	151.8599	239.288	0.646499	12.31239
635.4505	0.63553	12.95763	-927.829	149.133	233.2521	0.64885	12.31239
635.6145	0.637058	12.75327	-929.901	154.3077	245.9446	0.644752	12.31239
635.7785	0.638	12.96407	-927.602	154.69	237.6192	0.641452	12.31239
635.9425	0.638	12.95777	-928.055	134.4257	209.7601	0.646094	12.44901
636.1065	0.638529	12.75307	-933.813	143.8624	229.973	0.652941	12.25651
636.2705	0.643226	12.96407	-931.523	162.7138	253.5762	0.654	12.36822
636.4345	0.650168	12.9579	-929.896	160.2891	244.8931	0.645517	12.25664
636.5985	0.648778	12.75294	-927.612	146.7217	223.468	0.638064	12.23158
636.7625	0.643945	12.96407	-925.98	140.4226	219.3161	0.635305	12.31239
636.9265	0.641945	12.96407	-931.958	147.5652	230.8123	0.635847	12.31239
637.0905	0.643635	12.95816	-931.532	149.7183	232.1611	0.634306	12.31239
637.2545	0.647053	12.74684	-927.829	150.9893	234.4194	0.634	12.31239
637.4185	0.648	12.75267	-929.89	143.9002	218.0703	0.635694	12.31239
637.5825	0.645368	12.96983	-929.683	131.133	203.9822	0.636	12.31239
637.7465	0.641948	13.17559	-927.829	142.5261	225.1549	0.638539	12.31239
637.9105	0.642052	12.96407	-927.829	157.834	247.2161	0.641538	12.31239
638.0745	0.646678	12.95843	-929.886	157.8901	242.3635	0.643692	12.31239
638.2385	0.648949	12.74684	-933.801	146.7431	224.5773	0.647382	12.1765
638.4025	0.64695	12.75234	-931.547	143.1269	222.0112	0.644619	12.36681
638.5665	0.64495	12.96407	-927.829	150.6759	235.3398	0.646535	12.39386
638.7305	0.645574	12.96407	-929.883	149.7788	229.4128	0.645311	12.31239
638.8945	0.644903	12.9587	-929.691	138.3016	213.8277	0.642466	12.31239
639.0585	0.640904	12.74684	-927.829	134.3021	208.9216	0.638623	12.31239
639.2225	0.632189	12.75208	-927.829	141.7559	228.0712	0.639688	12.17683

639.3865	0.628618	12.96407	-927.829	153.3046	243.2569	0.642531	12.36615
639.5505	0.633617	12.96407	-927.829	145.9173	228.4437	0.646374	12.52961
639.7145	0.637569	12.96407	-927.829	138.5766	217.1983	0.645313	12.52961
639.8785	0.637431	12.95903	-929.876	140.9628	222.2502	0.641627	12.39425
640.0425	0.636	12.75181	-931.744	155.9966	249.3571	0.643529	12.17709
640.2065	0.637045	12.96407	-929.699	156.2075	239.7677	0.649055	12.36562
640.3705	0.641133	12.96407	-929.873	143.6021	226.7227	0.644104	12.25921
640.5345	0.646087	12.95923	-933.787	152.7335	235.9443	0.647211	12.36549
640.6985	0.648521	12.75148	-931.579	142.993	217.5831	0.648	12.25969
640.8625	0.646916	12.95949	-927.829	138.7379	216.9685	0.642113	12.36495
641.0265	0.642397	12.74684	-929.867	149.2624	232.8309	0.639319	12.52961
641.1905	0.638959	12.75128	-931.744	148.477	231.4293	0.63816	12.52961
641.3545	0.64112	12.96407	-929.708	147.1017	230.2088	0.638	12.52961
641.5185	0.64556	12.95969	-929.864	144.1172	221.1093	0.63632	12.39492
641.6825	0.645441	12.75115	-929.709	131.3811	201.8332	0.63432	12.31239
641.8465	0.644	12.96407	-927.829	125.4196	194.9059	0.636519	12.44695
642.0105	0.643481	12.96407	-929.861	139.4171	221.6426	0.637839	12.39507
642.1745	0.646631	12.96407	-929.713	149.6178	228.3883	0.638	12.17789
642.3385	0.65	12.95996	-927.829	139.2569	214.7013	0.638	12.36403
642.5025	0.648963	12.75088	-925.799	138.9066	213.2697	0.638839	12.39525
642.6665	0.646964	12.96407	-925.943	131.8163	202.1922	0.645706	12.31239
642.8305	0.646	12.96015	-927.829	140.2142	222.3018	0.65119	12.31239
642.9945	0.64807	12.75075	-927.829	148.717	225.3911	0.646973	12.31239
643.1585	0.646896	12.96407	-929.855	132.1645	203.9949	0.643487	12.44656
643.3225	0.641414	12.96407	-931.744	143.5237	228.5231	0.641325	12.39551
643.4865	0.635898	12.96407	-935.791	149.737	231.1413	0.645185	12.17835
643.6505	0.632483	12.96407	-941.596	137.3348	218.403	0.647674	12.22917
643.8145	0.634065	12.96407	-937.424	140.75	221.5184	0.648	12.31239
643.9785	0.637549	12.96049	-931.744	135.6677	211.5615	0.643818	12.44629
644.1425	0.637452	12.74684	-931.744	135.1623	213.6204	0.641328	12.52961
644.3065	0.635484	12.74684	-931.744	153.062	245.4305	0.642672	12.52961
644.4705	0.631908	12.7536	-929.726	158.3625	246.0892	0.648849	12.39587
644.6345	0.634151	13.17791	-929.846	144.0772	227.9659	0.648329	12.44609
644.7985	0.64209	12.96075	-929.728	144.5081	224.1546	0.64633	12.52961
644.9625	0.646544	12.75009	-927.829	143.9051	223.6448	0.64433	12.52961
645.1265	0.645428	12.96407	-929.843	138.4617	210.9054	0.645669	12.39611
645.2905	0.643	12.96407	-931.744	138.2609	219.9908	0.644331	12.44587
645.4545	0.644542	12.96095	-927.72	156.1716	241.9943	0.638995	12.39618
645.6185	0.647028	12.74684	-927.937	152.1013	234.008	0.628826	12.31239
645.7825	0.647486	12.74982	-931.744	145.5172	223.8136	0.630335	12.31239
645.9465	0.64546	12.96407	-929.734	136.6247	209.6381	0.635167	12.44563
646.1105	0.642461	12.96407	-927.829	138.9164	219.9978	0.638499	12.3964
646.2745	0.643051	12.96407	-925.822	148.457	229.1876	0.636501	12.31239
646.4385	0.646025	12.96407	-927.927	148.1932	231.6884	0.636	12.31239
646.6025	0.644951	12.96407	-929.738	155.7623	241.0414	0.636833	12.31239
646.7665	0.644024	12.96141	-929.834	147.816	227.2138	0.643657	12.31239
646.9305	0.646024	12.74943	-929.74	149.2991	234.9369	0.647496	12.31239

647.0945	0.648534	12.96407	-929.831	159.4704	244.2241	0.648	12.31239
647.2585	0.65	12.96155	-929.742	146.4135	222.7989	0.646337	12.44523
647.4225	0.65	12.74684	-927.829	146.0497	228.0693	0.640181	12.39684
647.5865	0.645405	12.74916	-927.829	148.3207	225.661	0.639	12.31239
647.7505	0.637939	12.96181	-927.829	133.4104	209.2921	1.179546	-99999
647.9145	0.63602	12.74909	-927.829	134	210.6858	-99999	12.31239
648.0785	0.63649	12.96188	-927.829	144.2533	230.5677	0.645	12.4449
648.2425	0.63549	12.74684	-929.824	155.3116	242.9778	0.64417	12.39717
648.4065	0.633472	12.74889	-931.744	147.5429	231.9564	0.643171	12.18001
648.5705	0.631491	12.96208	-931.744	146.0461	232.0652	0.648804	12.35987
648.7345	0.633035	12.74883	-931.744	151.4542	240.183	0.65	12.3973
648.8985	0.637034	12.96407	-931.744	147.6396	228.9922	0.648342	12.31239
649.0625	0.639508	12.96221	-931.744	137.4086	215.0215	0.646343	12.31239
649.2265	0.641524	12.74863	-931.744	144.5328	227.7568	0.645172	12.4445
649.3905	0.643508	12.96062	-929.756	152.776	236.948	0.649967	12.52961
649.5545	0.645015	12.53134	-927.829	142.0281	216.8212	0.645205	12.39757
649.7185	0.643463	12.7485	-927.829	132.6692	207.6038	0.639035	12.18041
649.8825	0.641507	12.96407	-927.829	137.5926	214.3286	0.634691	12.09516
650.0465	0.642507	12.96254	-927.829	139.4425	217.9571	0.632346	11.96332
650.2105	0.641987	12.7483	-927.829	149.9152	236.1811	0.635307	12.14158
650.3745	0.641	12.96407	-925.848	155.9371	241.7168	0.638479	12.31239
650.5385	0.643529	12.96274	-927.874	141.8767	217.4338	0.636522	12.31239
650.7025	0.646	12.7481	-931.744	124.7238	191.0629	0.635174	12.31239
650.8665	0.648021	12.96407	-929.765	126.7333	199.21	0.630047	12.4439
651.0305	0.646465	12.96294	-927.829	146.2682	228.3264	0.637251	12.39812
651.1945	0.646533	12.74797	-929.805	148.7341	228.1059	0.643951	12.18094
651.3585	0.650505	12.96407	-931.744	137.7605	210.5543	0.64665	12.22655
651.5225	0.649991	12.96307	-933.719	139.8788	217.8316	0.644526	12.31239
651.6865	0.647992	12.74684	-933.685	148.3827	228.3683	0.643176	12.04989
651.8505	0.643977	12.74684	-931.744	146	226.7211	0.645472	12.27161
652.0145	0.641	12.96407	-933.715	144.3846	224.6271	0.647648	12.26725
652.1785	0.641	12.74684	-931.718	145.2298	227.811	0.647176	12.09516
652.3425	0.63949	12.74684	-927.829	137.8975	210.9014	0.64453	12.22621
652.5065	0.638	12.74684	-927.829	126.8529	201.4879	0.641531	12.31239
652.6705	0.63599	12.96407	-927.829	127.3326	196.3888	0.644291	12.31239
652.8345	0.635005	12.96407	-929.795	123.0656	197.696	0.646645	12.31239
652.9985	0.637506	13.18129	-929.778	142.4275	225.1136	0.64371	12.18154
653.1625	0.639	12.74684	-931.759	155.033	244.9605	0.644644	12.22595
653.3265	0.637495	12.74684	-931.731	154.7565	239.1159	0.645822	12.44311
653.4905	0.636501	12.96407	-929.792	143.8111	227.0332	0.650107	12.39892
653.6545	0.638503	12.74684	-935.667	144.3874	224.7471	0.650179	12.31239
653.8185	0.642505	12.74684	-935.652	141.0064	220.2272	0.649179	12.1818
653.9825	0.646002	12.74684	-933.704	149.2127	232.9719	0.642433	12.22568
654.1465	0.645499	12.74684	-933.7	155.798	240.8928	0.636897	12.18193
654.3105	0.641501	12.96407	-931.744	156.8004	245.5414	0.63682	12.22552
654.4745	0.640499	12.96407	-929.788	159.4005	248.2556	0.63618	12.18207
654.6385	0.643998	12.74684	-929.784	153.0024	236.0616	0.634361	12.22542

654.8025	0.646499	12.96407	-929.789	144.2038	221.9773	0.633181	12.44258
654.9665	0.644006	12.96407	-929.782	149.5795	236.0746	0.631362	12.52961
655.1305	0.641	12.74684	-929.792	156.422	241.0703	0.634275	12.39952
655.2945	0.642495	12.96407	-925.878	137.4255	210.9819	0.638275	12.31239
655.4585	0.645993	12.96407	-925.864	137.5575	217.3451	0.639818	12.31239
655.6225	0.648996	12.74684	-929.779	147.8319	225.0398	0.642454	12.44231
655.7865	0.649005	12.96407	-929.795	140.9792	218.7737	0.643818	12.2699
655.9505	0.647503	12.74684	-927.829	151.7714	236.2517	0.645635	12.22499
656.1145	0.647497	12.96407	-927.829	153.4359	234.8213	0.641913	12.31239
656.2785	0.647503	12.96407	-927.829	144.6027	223.1692	0.641817	12.18266
656.4425	0.645013	12.74684	-939.498	144.397	224.0262	0.642	12.09516
656.6065	0.639525	12.74684	-939.656	135.4791	208.0022	0.642	12.35435
656.7705	0.633519	12.74684	-927.829	126.946	202.7948	0.641184	12.40005
656.9345	0.631496	12.74684	-931.712	146.6978	236.5466	0.645081	12.31239
657.0985	0.633487	12.96407	-933.718	159.4352	250.2813	0.646	12.44185
657.2625	0.636487	12.74777	-931.744	156.3747	246.6151	0.648447	12.52961
657.4265	0.638495	12.74684	-931.744	152.8813	236.6381	0.644923	12.40029
657.5905	0.637515	12.74684	-929.806	145.5566	229.7453	0.648075	12.31239
657.7545	0.636495	12.74684	-927.829	142.3101	220.153	0.65063	12.44165
657.9185	0.641451	12.74684	-927.829	137.2923	217.1918	0.650185	12.27122
658.0825	0.646989	12.74684	-927.829	159.0751	249.3904	0.647557	12.22429
658.2465	0.647506	12.96281	-929.763	161.9606	245.7984	0.642115	12.31239
658.4105	0.646506	12.74817	-931.744	143.8181	221.9896	0.641	12.31239
658.5745	0.642546	12.74684	-931.744	138.0623	213.2804	0.640186	12.0544
658.7385	0.64048	12.74684	-931.744	143.8096	229.1473	0.638373	12.1358
658.9025	0.642986	13.17838	-931.744	157.6732	243.5269	0.638813	12.18352
659.0665	0.644493	12.96559	-929.815	152.1791	236.5851	0.634935	12.22396
659.2305	0.644508	12.96407	-925.901	157.5346	245.8254	0.635625	12.18362
659.3945	0.642031	12.74843	-923.914	147.6905	223.8897	0.638438	12.35262
659.5585	0.641968	12.74684	-925.84	125.5697	196.2141	0.639	12.27228
659.7225	0.64646	12.96234	-927.829	141.7244	224.533	0.636564	12.22376
659.8865	0.648508	12.74863	-927.829	156.339	238.449	0.636812	12.31239
660.0505	0.648	12.74684	-927.829	144.4339	222.2759	0.639434	12.31239
660.2145	0.645054	12.96221	-927.829	139.2607	214.7878	0.644057	12.31239
660.3785	0.642982	12.96407	-929.751	133.8264	207.6733	0.646622	12.44079
660.5425	0.648416	12.96407	-929.823	130.0455	199.8255	0.644568	12.40128
660.7065	0.649077	12.96407	-929.749	127.3906	196.4302	0.639948	12.31239
660.8705	0.64206	12.74896	-929.825	136.1962	215.4688	0.641431	12.44063
661.0345	0.636061	12.74684	-929.746	147.4396	231.1644	0.645241	12.27321
661.1985	0.633978	12.96175	-929.829	143.0531	224.8646	0.646809	12.22316
661.3625	0.637933	12.74923	-929.743	142.7235	224.8022	0.642146	12.18445
661.5265	0.640023	12.74684	-929.831	147	229.6799	0.641	12.22303
661.6905	0.637047	12.96155	-927.829	147.3885	231.5234	0.643425	12.0567
661.8545	0.634024	12.96407	-927.829	142.5641	222.6383	0.647233	12.26135
662.0185	0.633976	12.74942	-929.739	136.7171	216.7423	0.649616	12.52961
662.1825	0.637438	12.74684	-927.926	145.6543	230.3446	0.648385	12.40194
662.3465	0.640975	12.74684	-925.822	142.5362	218.2041	0.646385	12.31239

662.5105	0.643948	12.74684	-927.829	131.8087	206.9786	0.648421	12.31239
662.6745	0.645027	12.96128	-927.829	141	218.5962	0.647386	12.18485
662.8385	0.644487	12.53532	-929.734	137.1306	211.2352	0.643773	12.22263
663.0025	0.645973	12.74392	-929.84	139.506	219.3352	0.636548	12.31239
663.1665	0.646028	12.74684	-929.732	144.1144	219.4981	0.632581	12.31239
663.3305	0.645486	12.74684	-931.744	140.4226	221.7036	0.632	12.31239
663.4945	0.644058	12.96102	-929.843	145.8107	221.8383	0.634418	12.18511
663.6585	0.643941	12.74996	-929.729	136.8715	216.058	0.637417	12.34958
663.8225	0.646485	12.74684	-931.744	155.2395	241.82	0.638805	12.40247
663.9865	0.64797	12.74684	-929.846	150.8319	228.3452	0.636585	12.31239
664.1505	0.646577	12.74684	-927.829	131.8456	203.4443	0.636805	12.31239
664.3145	0.643516	12.74684	-929.725	131.1538	204.2749	0.643437	12.31239
664.4785	0.644452	12.74684	-933.639	141.8435	223.6146	0.647413	12.31239
664.6425	0.647936	12.53306	-931.869	142.9374	215.451	0.648	12.43926
664.8065	0.649516	12.95704	-925.935	131.5972	206.4637	0.646393	12.40281
664.9705	0.648517	12.75042	-923.914	147.3836	227.4172	0.640376	12.18561
665.1345	0.644619	12.74684	-925.805	141.4823	216.7885	0.640607	12.09516
665.2985	0.639068	12.96042	-931.61	129.8502	202.7136	0.644213	12.22184
665.4625	0.634586	12.75055	-931.879	134.8935	215.4588	0.645	12.18578
665.6265	0.632483	12.74684	-929.718	141.0253	220.9284	0.643395	12.09516
665.7905	0.634929	12.74684	-927.969	136.4413	216.2866	0.641395	12.22168
665.9545	0.636036	12.96022	-925.8	140.0891	219.4642	0.643407	12.18591
666.1185	0.634037	12.75075	-929.715	129.7409	201.6182	0.64801	12.09516
666.2825	0.634445	12.74684	-929.859	122.9628	195.8332	0.648198	12.22151
666.4465	0.638887	12.96002	-929.713	138.2475	219.2906	0.648	12.43867
666.6105	0.643924	12.75095	-929.861	148.0943	229.2267	0.642393	12.52961
666.7745	0.645519	12.74684	-925.947	141.9524	218.6643	0.644204	12.4034
666.9385	0.645	12.95989	-927.676	139.6658	217.6174	0.651406	12.31239
667.1025	0.646441	12.75108	-929.863	144.7611	224.2418	0.645796	12.31239
667.2665	0.64704	12.74684	-927.829	142.1977	218.213	0.639999	12.4384
667.4305	0.643602	12.95969	-929.707	145.498	230.0234	0.635001	12.40363
667.5945	0.949256	12.96407	-929.867	200.1123	229.3273	0.6348	12.31239
667.7585	0.978722	12.75128	-927.829	214.2704	205.5867	0.639797	12.18651
667.9225	0.647	-99999	-927.829	133	205.5641	0.639402	12.22098
668.0865	-99999	12.96407	-99999	-99999	-99999	0.635806	12.18671
668.2505	0.957992	12.96407	-929.872	191.9759	211.8822	0.632605	12.22082
668.4145	0.983336	12.96407	-929.7	240.7308	225.6751	0.634395	12.31239
668.5785	0.645	-99999	-931.744	140	217.0543	0.639788	12.31239
668.7425	-99999	12.74684	-99999	-99999	-99999	0.641798	12.31239
668.9065	0.650909	12.95916	-929.697	137.7153	209.4625	0.644392	12.31239
669.0705	0.651569	12.96407	-931.744	127.4913	195.0495	0.644203	12.31239
669.2345	0.647617	12.75181	-931.744	134.0476	210.7543	0.644797	12.43774
669.3985	0.642618	12.74684	-933.609	146.7388	227.4006	0.646594	12.40433
669.5625	0.639047	12.74684	-931.929	143.3766	224.5178	0.646204	12.31239
669.7265	0.638476	12.74684	-927.829	143.6237	224.7922	0.645204	12.31239
669.8905	0.637097	12.74684	-927.829	149.7672	237.9434	0.643408	12.18726
670.0545	0.634525	12.95883	-931.552	155.3636	242.485	0.645387	12.09516

670.2185	0.633525	12.75214	-931.937	132.101	202.6761	0.646796	12.09516
670.3825	0.633475	12.9587	-929.689	122.137	198.2964	0.64859	12.22012
670.5465	0.635899	12.96407	-931.744	138.3744	215.2896	0.645025	12.31239
670.7105	0.636102	12.75234	-931.744	127.1263	199.0574	0.643205	12.18753
670.8745	0.633052	12.74684	-929.887	131.1163	210.1335	0.645384	12.21998
671.0385	0.634844	12.74684	-929.685	136.6347	212.6256	0.649177	12.18763
671.2025	0.641317	12.74684	-929.889	132.7342	209.7018	0.649206	12.09516
671.3665	0.645947	12.74684	-927.829	142.5047	220.001	0.648206	12.21978
671.5305	0.646527	12.9583	-929.682	144.4821	225.3338	0.641653	12.43698
671.6945	0.646	12.75261	-931.744	146.4002	224.3113	0.63762	12.40506
671.8585	0.644582	12.95823	-929.893	135.8804	210.3361	0.633828	12.1879
672.0225	0.643945	12.96407	-927.829	132.1355	204.4284	0.633	12.09516
672.1865	0.647362	12.75281	-929.678	131.2356	203.6337	0.635378	12.21952
672.3505	0.649528	12.74684	-928.048	132.394	202.7516	0.636	12.31239
672.5145	0.646641	12.74684	-925.761	127.6279	197.2163	0.633624	12.1881
672.6785	0.643057	12.74684	-927.829	131.4638	206.3099	0.635376	12.09516
672.8425	0.642472	12.9579	-927.829	136.7699	211.9528	0.64075	12.21932
673.0065	0.646298	12.75307	-927.829	139.3134	218.1161	0.644374	12.31239
673.1705	0.651413	12.74684	-929.672	147.0314	224.5015	0.645791	12.43645
673.3345	0.65206	12.9577	-931.744	148.6703	230.7743	0.645209	12.2817
673.4985	0.64912	12.96407	-929.904	155.184	237.0447	0.647371	12.21906
673.6625	0.647	12.75334	-927.829	141.8178	217.0337	0.64563	12.18856
673.8265	0.64653	12.74684	-927.829	134.1096	207.8946	0.642631	12.34268
673.9905	0.644592	12.95744	-931.504	135.6304	210.2574	1.148032	12.40588
674.1545	0.640186	12.75347	-933.823	136.1081	213.0898	0.781745	12.31239
674.3185	0.634656	12.74684	-931.744	133.5691	208.5416	0.648	12.43602
674.4825	0.632469	12.9573	-929.909	131.903	211.0671	0.650367	12.40605
674.6465	0.634405	12.96407	-927.829	138.3137	216.4679	1.157234	12.31239
674.8105	0.635532	12.75373	-925.996	133.105	209.9117	0.782233	12.31239
674.9745	0.635468	12.9571	-927.575	143.0922	228.6136	0.645	12.43575
675.1385	0.634131	12.54367	-931.744	151.4843	236.4936	0.64815	12.28302
675.3025	0.634336	12.73975	-929.915	137.2237	214.325	0.652149	12.09516
675.4665	0.640268	12.95691	-929.657	135.2408	213.8088	0.649852	12.21833
675.6305	0.645866	12.75406	-931.744	144.166	222.4549	0.64664	12.31239
675.7945	0.648466	12.74684	-931.744	141.3666	218.1547	0.640494	12.18929
675.9585	0.645271	12.74684	-931.744	136.8691	209.8906	0.639	12.09516
676.1225	0.63867	12.95671	-931.744	132.3943	209.2115	0.639	12.21813
676.2865	0.640191	12.75426	-929.921	145.1224	228.803	0.635857	12.18949
676.4505	0.646861	12.74684	-929.651	147.4196	225.168	0.634215	12.21803
676.6145	0.64621	12.74684	-929.923	140.0192	218.4185	0.633215	12.18956
676.7785	0.642535	12.74684	-929.649	140.7904	216.4711	0.633785	12.21793
676.9425	0.642465	12.95644	-929.924	139.4892	221.1384	0.636355	12.31239
677.1065	0.646251	12.96407	-927.829	151.2594	232.1103	0.635431	12.31239
677.2705	0.650928	12.75459	-931.463	143	219.6868	0.632647	12.31239
677.4345	0.650145	12.95631	-932.027	140.815	215.6583	0.636705	12.18982
677.5985	0.648	12.75466	-929.644	142.8248	222.8685	0.643488	12.09516
677.7625	0.647073	12.95618	-928.115	148.2713	227.1219	0.646567	12.09516

677.9265	0.646927	12.96407	-925.728	148.7226	233.565	0.646217	12.21753
678.0905	0.647074	12.75486	-929.641	153.8322	233.3844	0.646	12.31239
678.2545	0.64415	12.95604	-929.933	138.1777	215.4567	0.643651	12.31239
678.4185	0.640613	12.96407	-927.829	139.4602	216.598	0.644566	12.43462
678.5825	0.636688	13.17314	-927.829	135	212.0379	0.648912	12.40745
678.7465	0.635848	12.97229	-927.829	129.5667	201.4547	0.648436	12.43449
678.9105	0.638923	12.75513	-927.829	117.1047	182.0451	0.645655	12.40754
679.0745	0.639077	12.95578	-929.635	114.1703	179.5923	0.642655	12.31239
679.2385	0.635694	12.75519	-929.938	121.2545	192.1846	0.642782	12.31239
679.4025	0.633461	12.74684	-927.829	124.8322	196.1223	0.648468	12.19049
679.5665	0.634461	12.74684	-931.437	125.693	200.1467	0.652343	12.217
679.7305	0.638223	12.74684	-932.053	130.0323	202.0742	0.651439	12.4342
679.8945	0.64246	12.74684	-927.829	124.8025	195.03	0.647097	12.40784
680.0585	0.64346	12.74684	-929.63	129.4416	201.7819	0.647561	12.43409
680.2225	0.644	12.74684	-929.944	138.8416	218.5366	0.64644	12.40798
680.3865	0.64354	12.95532	-929.628	146.3229	225.3482	0.643661	12.31239
680.5505	0.644378	12.96407	-929.946	140.5163	219.1378	0.637544	12.19085
680.7145	0.645541	12.75566	-927.829	142.1258	218.9254	0.632883	12.09516
680.8785	0.645	12.74684	-929.625	139.5142	217.3822	0.633558	12.2166
681.0425	0.644083	12.74684	-931.744	146.1532	227.8541	0.635558	12.43376
681.2065	0.643458	12.74684	-929.95	146.773	226.71	0.635222	12.40831
681.3705	0.644458	12.95498	-929.622	144.9408	226.6002	0.635778	12.31239
681.5345	0.646831	12.75592	-931.744	149.1355	229.3517	0.632888	12.19115
681.6985	0.648085	12.95492	-933.535	147.9374	229.9731	0.635111	12.09516
681.8625	0.645629	12.75612	-932.08	159.6454	249.3051	0.642995	12.2162
682.0265	0.943217	12.95472	-931.406	199.062	231.3751	0.647331	12.31239
682.1905	1.003635	12.75625	-933.872	217.5435	211.7152	0.648777	12.19144
682.3545	0.652	-99999	-931.744	150	230.0614	0.642788	12.21607
682.5185	-99999	12.74684	-99999	-99999	-99999	0.637118	12.19155
682.6825	0.641721	12.74684	-929.959	173.7122	271.0188	0.642984	12.21594
682.8465	0.638089	12.74684	-927.829	166.8163	257.8069	0.648103	12.31239
683.0105	0.63791	12.74684	-927.829	144.5407	223.326	0.644349	12.31239
683.1745	0.637636	12.74684	-927.829	144.4902	232.6142	0.64145	12.19181
683.3385	0.634637	12.95426	-929.608	161.1922	250.4988	0.643324	12.21567
683.5025	0.633	12.96407	-933.523	149.8367	237.97	0.648647	12.31239
683.6665	0.633908	12.96407	-933.881	157.1257	248.806	0.651548	12.31239
683.8305	0.637723	12.96407	-931.744	160.292	251.0506	0.648905	12.31239
683.9945	0.640093	12.96407	-931.744	156.1697	242.7248	0.647226	12.31239
684.1585	0.639907	12.96407	-928.195	157.3662	248.7016	0.646227	12.31239
684.3225	0.642813	12.75698	-929.236	161.5792	248.1556	0.647547	12.19221
684.4865	0.646359	12.74684	-933.886	149.0592	231.0728	0.647227	12.21528
684.6505	0.647548	12.74684	-933.516	153.8221	238.7833	0.643137	12.31239
684.8145	0.647	12.95379	-930.347	160.0577	247.8466	0.639682	12.43244
684.9785	0.645192	12.75718	-929.224	152.8361	232.8107	0.635138	12.40963
685.1425	0.641644	12.74684	-932.12	147.2688	234.5535	0.637088	12.31239
685.3065	0.64	12.74684	-929.597	162.7223	251.9149	0.639544	12.19254
685.4705	0.642257	12.74684	-931.744	155.1093	242.4245	0.638457	12.09516

685.6345	0.645902	12.74684	-929.978	151.6218	231.5289	0.634143	12.21494
685.7985	0.647	12.74684	-929.594	139.7562	216.7763	0.633771	12.31239
685.9625	0.646099	12.74684	-931.744	146.1584	227.6181	0.634771	12.19274
686.1265	0.645901	12.74684	-931.744	160.0644	251.3424	0.639623	12.21475
686.2905	0.6488	12.74684	-929.982	166.9426	253.8287	0.643311	12.31239
686.4545	0.651	12.95326	-929.59	150.9496	231.4141	0.644	12.31239
686.6185	0.647853	12.75771	-931.744	143.7498	219.5244	0.64323	12.31239
686.7825	0.64445	12.74684	-929.984	139.9451	219.7767	0.64377	12.07362
686.9465	0.643203	12.95306	-931.346	145.4095	223.5525	0.645539	12.11657
687.1105	0.641	12.75791	-933.901	143.0293	226.7151	0.645231	12.31239
687.2745	0.640103	12.74684	-929.988	160.7912	252.452	0.645	12.19314
687.4385	0.638103	12.74684	-927.829	159.7217	247.4756	0.643463	12.21435
687.6025	0.636552	12.95286	-929.584	148	232.5029	0.643768	12.31239
687.7665	0.635104	12.96407	-929.99	145.9109	228.7938	0.644768	12.31239
687.9305	0.634895	12.96407	-927.829	145.1309	229.9944	0.648071	12.43141
688.0945	0.636895	12.75818	-929.58	155.5198	246.2039	0.647465	12.41063
688.2585	0.635764	12.95266	-929.993	160.1767	250.1902	0.644698	12.43131
688.4225	0.633894	12.75831	-927.829	147.791	230.8055	1.146493	12.29191
688.5865	0.635893	12.74684	-929.577	134.5334	210.0096	0.803039	12.09516
688.7505	0.641461	12.74684	-929.997	126.9609	197.4877	0.652	12.21385
688.9145	0.650121	12.74684	-927.829	121.1923	184.7787	0.645871	12.31239
689.0785	0.65088	12.74684	-929.574	112.9619	173.086	0.64017	12.43098
689.2425	0.645218	12.95227	-931.744	108.9255	167.8792	0.637469	12.41109
689.4065	0.93106	12.96407	-930.001	134.0168	155.8238	0.638531	12.43085
689.5705	1.005252	12.75877	-927.829	161.0443	155.2508	0.636705	12.29276
689.7345	0.65	-99999	-927.829	108	166.1538	0.633705	12.21355
689.8985	-99999	12.96407	-99999	-99999	-99999	0.632235	12.19406
690.0625	0.647223	12.96407	-930.004	94.72261	147.1365	0.635058	12.21342
690.2265	0.644112	12.75897	-927.829	99.37687	154.9099	0.639821	12.31239
690.3905	0.643887	12.74684	-929.566	103.3756	161.1648	0.639472	12.31239
690.5545	0.64633	12.74684	-931.744	105.6563	163.3195	0.640527	12.31239
690.7185	0.648886	12.74684	-930.009	102.9384	157.7248	0.644054	12.31239
690.8825	0.648671	12.74684	-926.094	86.64114	127.9666	0.64729	12.31239
691.0465	0.645672	12.95167	-925.648	73.6329	118.8874	0.647237	12.31239
691.2105	0.644885	12.7593	-927.829	94	145.7628	0.647	12.31239
691.3745	0.645558	12.74684	-927.829	94.68498	146.9817	0.64395	12.31239
691.5385	0.643232	12.74684	-927.829	101.8206	160.9701	0.640713	12.31239
691.7025	0.638349	12.95147	-931.289	105.1321	161.0184	0.639238	12.31239
691.8665	0.631909	12.96407	-933.93	92.73421	148.0549	0.644332	12.31239
692.0305	0.631089	12.75957	-931.744	100.0488	159.4612	0.646761	12.07713
692.1945	0.636323	12.95133	-930.018	102.9762	161.3665	0.646239	12.11313
692.3585	0.636678	12.75963	-929.555	100.3177	157.2486	0.646	12.31239
692.5225	0.633678	12.74684	-930.019	90.13763	138.1037	0.646761	12.07746
692.6865	0.63244	12.74684	-927.829	82.53555	134.904	0.650042	12.11273
692.8505	0.63564	12.74684	-929.552	95.21574	147.1916	0.651	12.31239
693.0145	0.643837	12.95107	-931.744	84.34005	131.1537	0.64568	12.31239
693.1785	0.649121	12.96407	-930.023	85.67989	132.3033	0.64476	12.31239

693.3425	0.647561	12.96407	-929.549	90.3964	141.1422	0.641962	12.31239
693.5065	0.643926	12.76003	-930.025	97.67867	152.015	0.641	12.31239
693.6705	0.640439	12.74684	-929.547	99	154.5816	0.639482	12.31239
693.8345	0.641877	12.74684	-930.027	98.66117	153.5535	0.637482	12.31239
693.9985	0.644315	12.74684	-927.829	97.32255	150.7432	0.636241	12.31239
694.1625	0.646	12.95068	-927.829	99.72261	156.0685	0.634483	12.19546
694.3265	0.645562	12.7603	-932.972	102.9426	157.6001	0.635516	12.21203
694.4905	0.645	12.95054	-934.434	99.39152	156.1066	0.636758	12.31239
694.6545	0.647187	12.76037	-927.829	102.2607	155.4418	0.634727	12.19559
694.8185	0.650437	12.74684	-927.829	96.06256	149.9778	0.634757	12.09516
694.9825	0.650563	12.74684	-929.54	105.6628	162.2636	1.126355	-99999
695.1465	0.64869	12.74684	-930.034	94.8932	141.6176	-99999	12.31239
695.3105	0.647	12.74684	-927.829	84.42448	134.8045	0.653	12.19582
695.4745	0.647871	12.74684	-927.829	106.6935	166.3633	0.649221	12.21156
695.6385	0.647259	12.74684	-927.829	103.5941	155.2083	0.644222	12.31239
695.8025	0.641519	12.74684	-927.829	80.98779	125.2866	1.131656	12.19612
695.9665	0.63613	13.15305	-929.531	91.40769	150.4911	0.806826	12.09516
696.1305	0.634566	12.77521	-930.043	112.3006	173.3417	0.65	11.97899
696.2945	0.635303	12.74684	-927.829	97.33456	153.3656	0.649245	12.22635
696.4585	0.637	12.94981	-927.829	96.99664	151.8019	0.645983	12.1814
696.6225	0.636132	12.76116	-927.829	94.3317	147.9737	0.643492	12.10994
696.7865	0.633699	12.94968	-931.224	92.66616	146.072	0.644508	12.31239
696.9505	0.631567	12.96407	-933.962	89.66525	140.8625	0.64726	12.08057
697.1145	0.631	12.96407	-930.049	83	130.5894	0.649507	12.10968
697.2785	0.636194	12.76136	-929.524	86.66433	139.6695	0.647741	12.31239
697.4425	0.644731	12.94948	-930.05	106.328	166.9014	0.644742	12.31239
697.6065	0.645703	12.96407	-931.215	105.354	158.6297	0.645505	12.42806
697.7705	0.643568	12.76156	-933.967	86.99695	135.6461	0.645248	12.41397
697.9345	0.644295	12.94928	-931.744	91.32407	142.815	0.641991	12.31239
698.0985	0.647727	12.76163	-930.054	95.66819	147.548	0.636489	12.19685
698.2625	0.648274	12.94922	-929.518	91.01953	138.529	0.629739	12.21064
698.4265	0.644706	12.76175	-931.744	87.97101	138.8002	0.633259	12.31239
698.5905	0.644293	12.74684	-931.744	95.35123	146.7696	0.637253	12.31239
698.7545	0.646	12.74684	-930.058	89.33842	137.9858	0.635747	12.31239
698.9185	0.647291	12.94901	-927.829	88.99176	137.9414	0.631997	12.42766
699.0825	0.647279	12.76195	-929.513	100.5841	159.9354	0.632501	12.41441
699.2465	0.64543	12.94889	-930.061	117.3586	180.598	0.638251	12.31239
699.4105	0.64643	12.76209	-927.829	102.1038	153.337	0.647498	12.31239
699.5745	0.647859	12.74684	-929.51	92.8758	148.4028	0.648501	12.31239
699.7385	0.649858	12.54493	-935.104	113.3532	173.6657	0.647251	12.31239
699.9025	0.650571	12.73146	-936.214	109.3415	167.7622	0.641756	12.31239
700.0665	0.646141	12.74684	-931.744	104.7104	160.4654	0.640749	12.19751
700.2305	0.640143	12.94855	-930.067	98.98596	155.1026	0.642497	12.09516
700.3945	0.638572	12.76242	-927.829	106.2536	168.9025	0.645245	12.20997
700.5585	0.638	12.94848	-927.829	116.3437	182.044	0.646	12.19764
700.7225	0.637144	12.76248	-927.829	112.3756	175.1118	0.645252	12.09516
700.8865	0.635145	12.74684	-929.503	100.773	155.6536	0.645	12.20977

701.0505	0.631437	12.94829	-930.071	91.92921	147.5313	0.648737	12.31239
701.2145	0.629281	12.96407	-927.829	100	158.9125	0.650747	12.31239
701.3785	0.63356	12.76269	-929.5	101.3077	160.5213	0.650253	12.31239
701.5425	0.63828	12.74684	-930.074	102.6927	160.2725	0.64776	12.31239
701.7065	0.640426	12.74684	-929.498	97.71437	151.4906	0.647	12.31239
701.8705	0.642278	12.74684	-930.076	95.6097	150.0898	0.648492	12.19807
702.0345	0.644426	12.94796	-927.829	103.2814	161.3487	0.64527	12.20944
702.1985	0.646702	12.76295	-929.495	109.6285	170.281	0.639525	12.31239
702.3625	0.645174	12.54585	-931.744	107.4699	163.8635	0.635019	12.08422
702.5265	0.640425	12.73053	-930.081	98.59994	155.202	0.634	12.10597
702.6905	0.641	12.74684	-927.829	106.2728	166.8819	0.636978	12.31239
702.8545	0.642273	12.94763	-927.829	111	172.8248	0.637256	12.31239
703.0185	0.645696	12.96407	-929.489	108.7308	167.329	0.635512	12.31239
703.1825	0.648848	12.76335	-928.425	107.8889	168.1097	0.632768	12.4262
703.3465	0.649576	12.74684	-927.23	109.8483	166.178	0.631256	12.30211
703.5105	0.648154	12.74684	-930.087	94.0888	143.7687	0.631	12.20888
703.6745	0.647846	12.74684	-929.485	91.55478	143.0037	0.639919	12.31239
703.8385	0.650268	12.94736	-931.744	100.2918	154.8393	0.645972	12.31239
704.0025	0.650309	12.96407	-931.744	108.8114	170.1277	0.644772	12.42594
704.1665	0.647578	12.76368	-931.744	119.7098	184.2392	0.643258	12.41613
704.3305	0.644468	12.74684	-933.396	115.3888	178.257	0.645227	12.31239
704.4945	0.640578	12.74684	-934.008	107.8148	166.2758	0.648968	12.31239
704.6585	0.640843	12.74684	-930.094	97.39133	151.2012	0.647033	12.42574
704.8225	0.642	12.94703	-927.829	94.64327	147.7303	0.643775	12.30304
704.9865	0.639473	12.76394	-927.829	99.85596	158.0724	0.645224	12.09516
705.1505	0.634738	12.9469	-929.476	109.9262	174.1387	0.646	12.20835
705.3145	0.63258	12.96407	-930.098	109.5099	170.8996	0.648223	12.31239
705.4785	0.634102	12.76408	-929.475	104.4872	166.9438	0.646038	12.31239
705.6425	0.63658	12.94676	-928.454	112.7183	176.4394	0.64574	12.31239
705.8065	0.63642	12.96407	-928.846	110.9603	174.8195	0.64674	12.19943
705.9705	0.637	12.76434	-932.376	109.805	170.8118	0.648479	12.20802
706.1345	0.638676	12.9465	-929.469	99.16967	153.4291	0.650479	12.19957
706.2985	0.642675	12.76441	-931.744	97.37973	154.5831	0.650261	12.09516
706.4625	0.647093	12.74684	-928.466	107.4922	164.4535	0.643351	12.32054
706.6265	0.64749	12.94637	-927.19	99.68142	153.7962	0.639523	12.30437
706.7905	0.642746	12.7646	-928.471	100.5914	157.2885	0.638262	12.20775
706.9545	0.641	12.74684	-927.185	103.682	161.5948	0.638	12.42495
707.1185	0.643088	12.74684	-931.744	100.4579	154.9958	0.636524	12.52961
707.2825	0.646835	12.74684	-931.744	93.72932	144.2925	0.633787	12.52961
707.4465	0.648	12.74684	-930.111	93.22154	144.9384	0.629314	12.41726
707.6105	0.643832	12.74684	-929.461	94.82941	145.6891	0.630948	12.20006
707.7745	0.640916	12.94597	-931.744	96.86909	155.3898	0.635684	12.20745
707.9385	0.646249	12.96407	-930.114	104.6044	156.3671	0.63921	12.31239
708.1025	0.648832	12.96407	-929.458	80.6329	124.5794	0.640736	12.31239
708.2665	0.648336	12.76507	-930.116	84.213	130.9857	0.642472	12.42448
708.4305	0.645584	12.74684	-927.829	95.31675	150.7473	0.645207	12.30549
708.5945	0.646661	12.9457	-927.829	105.8447	162.1603	0.648207	12.20719

708.7585	0.64817	12.96407	-927.829	94.90079	144.3968	0.642381	12.31239
708.9225	0.64617	12.96407	-929.454	95.45682	152.3952	0.640735	12.31239
709.0865	0.905022	12.96407	-931.744	146.5475	174.7058	0.641	12.42422
709.2505	1.007805	12.96407	-930.123	180.3116	169.3045	0.643203	12.30616
709.4145	0.634	-99999	-927.829	109	171.9243	0.646937	11.98347
709.5785	-99999	12.96407	-99999	-99999	-99999	0.649468	11.98957
709.7425	0.634827	12.96407	-931.744	106.2356	165.4743	0.649266	12.20673
709.9065	0.635587	12.76567	-931.744	98.31339	154.839	0.647533	12.31239
710.0705	0.634587	12.94517	-931.744	98.68691	155.3558	0.648466	12.31239
710.2345	0.635238	12.7658	-931.744	100.1895	158.8075	0.651199	12.20096
710.3985	0.639062	12.9451	-931.744	103.4371	161.094	0.649069	12.20653
710.5625	0.644474	12.96407	-930.13	108.1245	171.7102	0.647268	12.20109
710.7265	0.648824	12.76593	-927.829	118.5078	178.9871	0.642608	12.20639
710.8905	0.647942	12.74684	-927.829	110.4205	174.656	0.640268	12.31239
711.0545	0.644177	12.94484	-926.219	124.6381	191.2996	0.641463	12.20122
711.2185	0.643	12.96407	-927.133	114.6886	178.2097	0.642	12.20626
711.3825	0.644233	12.76613	-930.135	114.9338	178.8644	0.637613	12.20136
711.5465	0.644768	12.74684	-929.437	117.9329	183.378	0.633808	12.31709
711.7105	0.643821	12.74684	-933.351	116.8935	180.0243	0.63227	12.41868
711.8745	0.64459	12.74684	-932.447	112.1724	175.1092	0.635652	12.20149
712.0385	0.64482	12.74684	-926.224	112.9683	173.1966	0.63627	12.206
712.2025	0.647639	12.74684	-927.123	102.7598	158.0627	0.63673	12.09085
712.3665	0.64959	12.74684	-931.744	106.1947	166.5633	0.637	12.09934
712.5305	0.648182	12.94438	-928.54	117.5246	180.0739	0.639917	12.42306
712.6945	0.646182	12.96407	-927.116	114.473	178.3979	0.643917	12.30834
712.8585	0.642956	12.7666	-931.744	117.2198	180.8928	0.648645	12.20573
713.0225	0.643677	12.74684	-930.144	112.2353	174.9731	0.645628	12.31239
713.1865	0.646959	12.94418	-929.427	114.6915	177.1234	0.641815	12.42282
713.3505	0.642368	12.76679	-930.147	109.0687	167.2701	0.641	12.41921
713.5145	0.637554	12.74684	-927.829	106.0055	170.435	0.64464	12.20202
713.6785	0.634	12.74684	-929.424	123.3846	194.2981	0.647456	12.09516
713.8425	0.636444	12.74684	-930.149	113.6948	174.5075	0.648	12.2054
714.0065	0.639593	12.74684	-927.829	100.224	159.362	0.640728	12.20222
714.1705	0.637373	12.74684	-929.421	115.6839	183.41	0.643088	12.2053
714.3345	0.633374	12.94378	-930.153	128.6003	205.4413	0.64718	12.20228
714.4985	0.631813	12.76713	-926.238	133.177	207.8074	0.649453	12.09516
714.6625	0.635437	12.94372	-925.504	117.8554	184.4011	0.647095	12.09516
714.8265	0.640218	12.76726	-929.418	115.4486	181.5609	0.645274	12.09516
714.9905	0.642811	12.74684	-930.156	123.1404	192.6443	0.647177	12.20504
715.1545	0.644811	12.94352	-927.829	124.6399	191.6079	0.648	12.31239
715.3185	0.646405	12.7674	-929.415	109.0635	164.7233	0.645824	12.31239
715.4825	0.64781	12.74684	-931.744	100.1547	159.1921	1.099608	12.31239
715.6465	0.647786	12.94338	-930.16	120.6951	186.1646	0.809611	12.31239
715.8105	0.646	12.76759	-929.412	112.6909	170.7368	0.634	12.20278
715.9745	0.645596	12.74684	-931.744	108.1697	173.7559	0.634	12.31431
716.1385	0.645	12.74684	-931.744	132.359	203.3506	0.635447	12.42024
716.3025	0.647016	12.74684	-930.166	120.6634	184.83	0.635277	12.20308

716.4665	0.649597	12.74684	-930.983	113.303	174.5747	0.634277	12.09516
716.6305	0.647793	12.94292	-934.083	121.2652	190.9368	0.636168	12.20437
716.7945	0.644794	12.76805	-931.744	125.2988	187.7521	0.640613	12.20321
716.9585	0.643402	12.94285	-931.744	101.7418	161.0676	0.646334	12.09516
717.1225	0.645206	12.96407	-930.171	112.8853	173.8905	0.649444	12.20421
717.2865	0.647402	12.96407	-929.401	115.2432	181.6944	0.646392	12.31239
717.4505	0.648	12.96407	-931.744	127.1761	193.7955	0.643557	12.31239
717.6145	0.645193	12.96407	-931.744	123.8309	196.0605	0.642279	12.31239
717.7785	0.639397	12.96407	-930.175	134.7766	206.9858	0.645605	12.42123
717.9425	0.637401	12.76838	-927.829	115.5929	180.1029	0.644117	12.52961
718.1065	0.636399	12.94246	-927.829	107.5954	167.7974	0.644441	12.20348
718.2705	0.6344	12.96407	-927.829	109.8071	177.1624	0.64428	12.09529
718.4345	0.634201	12.76858	-929.394	126.8001	199.3033	0.64544	12.31239
718.5985	0.6326	12.74684	-928.615	121.602	190.9585	0.64888	12.31239
718.7625	0.6324	12.94226	-925.478	120.495	192.8941	0.64928	12.31239
718.9265	0.635395	12.76871	-929.392	130.1019	204.3015	0.647562	12.42084
719.0905	0.639798	12.74684	-930.182	128.8972	201.9304	0.645562	12.31279
719.2545	0.642993	12.94206	-929.389	122.635	186.4638	0.641406	12.20354
719.4185	0.645203	12.96407	-933.303	105.3883	164.5884	0.646468	12.4207
719.5825	0.644797	12.76891	-934.1	117.2673	185.0933	0.645408	12.42137
719.7465	0.646398	12.74684	-931.744	126.3354	192.5231	0.641128	12.31239
719.9105	0.64541	12.94186	-931.744	111.8087	172.6107	0.635694	12.31239
720.0745	0.643	12.76911	-931.744	106.0247	163.3388	0.634	12.20427
720.2385	0.641809	12.74684	-930.189	101.0812	158.596	0.637587	12.31126
720.4025	0.642382	12.74684	-929.383	106.2972	165.6288	0.639717	12.42163
720.5665	0.64838	12.74684	-928.638	115.3137	182.0664	0.636416	12.09655
720.7305	0.652	12.74684	-925.466	129.3644	195.5037	0.632134	11.98582
720.8945	0.65002	12.74684	-929.38	118.0742	182.7441	0.632433	12.20301
721.0585	0.646604	12.94152	-930.194	126.5531	197.5791	0.637297	12.2046
721.2225	0.647187	12.76944	-927.829	127.0079	192.1302	0.641148	12.20288
721.3865	0.649791	12.74684	-929.377	108.8871	168.0302	0.643431	12.31239
721.5505	0.650605	12.94133	-931.744	115.7263	180.338	0.645431	12.31239
721.7145	0.648421	12.96407	-928.652	126.1147	194.0286	0.646715	12.31239
721.8785	0.644421	12.76965	-927.004	123.4103	191.1929	0.64843	12.41991
722.0425	0.640422	12.74684	-930.199	117.8731	181.843	0.646856	12.42216
722.2065	0.639183	12.94113	-929.372	110.9448	175.1174	0.646	12.205
722.3705	0.639424	12.96407	-928.659	120.6475	190.1089	0.645286	12.20252
722.5345	0.635425	12.76991	-925.455	123.7675	193.0273	0.645	12.09775
722.6985	0.631426	12.74684	-929.369	117.7619	187.4662	0.648569	11.98519
722.8625	0.630179	12.74684	-930.205	120.5337	190.4873	0.649287	12.20228
723.0265	0.633571	12.9408	-927.829	117.8789	186.5219	0.646862	12.31239
723.1905	0.636785	12.77017	-927.829	123.2191	195.2132	0.643862	12.31239
723.3545	0.635647	12.94067	-927.829	129.5383	202.9913	0.643713	12.31239
723.5185	0.63396	12.77025	-927.829	119.2811	184.602	0.646137	12.20547
723.6825	0.639351	12.9406	-927.829	111.469	178.7758	0.647712	12.20202
723.8465	0.645741	12.77037	-927.829	128.2075	196.5918	0.648	12.31239
724.0105	0.649218	12.94047	-927.829	119.8743	185.1091	0.643021	12.20563

724.1745	0.646045	12.96407	-927.829	114.722	173.6454	0.638155	12.09516
724.3385	0.642609	12.96407	-929.359	104.8544	167.3793	0.637711	12.09516
724.5025	0.643953	12.77057	-931.744	119.6378	183.5077	0.635157	12.30834
724.6665	0.648171	12.74684	-930.216	110.4525	171.1687	0.63471	12.42309
724.8305	0.902324	12.9402	-929.356	151.4364	180.0531	0.63358	12.2059
724.9945	1.042535	12.96407	-931.744	208.502	189.3784	0.63229	12.20162
725.1585	0.644	-99999	-931.744	124	192.5466	0.63271	12.31239
725.3225	-99999	12.74684	-99999	-99999	-99999	0.637257	12.41871
725.4865	0.645167	12.94	-929.352	125.5536	193.8424	0.640418	12.42336
725.6505	0.648555	12.96407	-931.744	116.7983	177.3628	0.644544	12.31239
725.8145	0.650223	12.77103	-931.744	109.7736	171.9167	0.644583	12.31239
725.9785	0.647835	12.93986	-930.224	122.8462	189.0035	0.645417	12.31239
726.1425	0.646388	12.7711	-927.829	125.4791	197.0459	0.646708	12.31239
726.3065	0.647776	12.74684	-927.829	134.679	205.6166	0.644168	12.31239
726.4705	0.647062	12.74684	-927.829	116.2304	175.3899	0.643	12.41835
726.6345	0.642064	12.74684	-927.829	104.1864	166.2279	0.640877	12.52961
726.7985	0.637452	12.74684	-927.829	118.5531	184.0744	0.644244	12.42375
726.9625	0.633839	12.93954	-929.344	113.733	181.5057	0.650242	12.31239
727.1265	0.632387	12.77143	-931.744	120.1315	188.3934	0.652	12.20666
727.2905	0.633386	12.93941	-931.744	109.2749	170.4847	0.648468	12.20086
727.4545	0.633228	12.77157	-931.744	102.8624	164.0294	0.646294	12.10106
727.6185	0.632386	12.74684	-930.233	112.0021	178.2113	0.648118	12.19473
727.7825	0.634157	12.74684	-927.829	121.0031	192.9885	0.650412	12.42408
727.9465	0.638313	12.93921	-929.338	124.4306	191.4253	0.650295	12.20692
728.1105	0.643926	12.77176	-930.236	111.7092	175.4615	0.647179	12.20059
728.2745	0.647	12.74684	-929.335	118.1498	181.0695	0.64318	12.31239
728.4385	0.645462	12.93907	-931.744	110.4304	170.7752	0.63918	12.31239
728.6025	0.641462	12.7719	-931.744	115.2637	183.1637	0.640114	12.20712
728.7665	0.639384	12.74684	-931.744	128.4403	199.4821	0.638183	12.20036
728.9305	0.643071	12.74684	-930.241	124.5569	195.0533	0.634184	12.41755
729.0945	0.648383	12.74684	-927.829	129.2991	198.4977	0.630186	12.31948
729.2585	0.647085	12.74684	-927.829	119.6178	181.8745	0.63111	12.20016
729.4225	0.644383	12.74684	-929.328	111.3805	175.7799	0.634812	12.31239
729.5865	0.646148	12.74684	-930.246	127.5459	198.7699	0.637406	12.10265
729.7505	0.650292	12.93848	-929.325	127.7901	193.2132	0.633787	12.08747
729.9145	0.652473	12.77249	-928.755	115.3836	178.7039	0.63551	12.20765
730.0785	0.648092	12.74684	-923.914	126.254	196.0661	0.641211	12.19983
730.2425	0.645	12.74684	-925.407	137.3515	215.8876	0.647911	12.41699
730.4065	0.645381	12.93828	-929.321	145.6543	222.7604	0.648598	12.42508
730.5705	0.647523	12.77269	-930.253	128.9084	197.4106	0.644495	12.41689
730.7345	0.646956	12.93815	-927.829	123.246	191.7784	0.642299	12.32067
730.8985	0.641239	12.77277	-927.829	122.5479	187.5049	0.645503	11.99076
731.0625	0.638099	12.93808	-927.829	111.3283	177.4977	0.649101	12.19095
731.2265	0.63538	12.77289	-927.829	124.4397	195.5381	1.10292	12.42534
731.3905	0.636759	12.74684	-927.829	120.7614	188.406	0.840079	12.31239
731.5545	0.637241	12.74684	-929.314	116.1181	182.8514	0.644	12.41659
731.7185	0.634863	12.74684	-931.744	116.4863	182.0528	0.644	12.32134

731.8825	0.632242	12.74684	-931.744	110.8377	175.7863	0.646097	12.19923
732.0465	0.633272	12.74684	-931.744	112.7211	177.8475	0.649795	12.31239
732.2105	0.638892	12.93768	-930.263	118.1294	188.2728	0.649603	12.20842
732.3745	0.642756	12.96407	-927.829	128.7122	197.3228	0.646905	12.1991
732.5385	0.644378	12.7733	-929.308	120.5617	190.1846	0.646698	12.41626
732.7025	0.643867	12.74684	-931.744	130.552	200.2566	0.648396	12.42581
732.8665	0.642378	12.93748	-931.744	122.61	192.8812	0.645512	12.41613
733.0305	0.643377	12.77349	-930.267	128.9487	198.7251	0.640514	12.52961
733.1945	0.645131	12.93735	-927.829	120.4458	186.3949	0.636211	12.42594
733.3585	0.64587	12.77356	-927.829	120.6612	187.758	0.632909	12.31239
733.5225	0.644	12.74684	-929.303	126.3839	197.023	0.633393	12.20885
733.6865	0.644376	12.74684	-931.744	130.5529	202.9123	0.633304	12.30211
733.8505	0.645752	12.74684	-928.8	127.8575	195.6973	0.632304	12.52961
734.0145	0.646624	12.74684	-925.385	116.7241	180.3583	0.632696	12.52961
734.1785	0.646	12.93708	-929.299	118.4808	184.7974	0.635087	12.32293
734.3425	0.645249	12.77388	-931.744	122.7955	189.0614	0.640173	12.30172
734.5065	0.644	12.93695	-930.276	119.7525	187.5006	0.645476	12.4264
734.6705	0.645124	12.96407	-926.362	125.9002	194.5456	0.647	12.31239
734.8345	0.648123	12.96407	-925.38	117.7818	178.8348	0.644221	12.31239
734.9985	0.65	12.96407	-927.829	109.214	170.9392	0.640222	12.10623
735.1625	0.646633	12.96407	-929.294	118.3363	180.3026	0.639694	12.18697
735.3265	0.639505	12.77422	-930.28	108.4663	171.0363	0.645551	12.32372
735.4905	0.638121	12.93662	-929.291	113.9051	177.8832	0.648694	12.09516
735.6545	0.639254	12.77435	-931.744	115.6482	183.5848	0.645532	12.19804
735.8185	0.636135	12.93655	-930.284	122.8092	190.0217	0.644693	12.4152
735.9825	0.867555	12.96407	-926.369	143.9588	178.0136	0.647079	12.42687
736.1465	1.028754	12.77448	-926.831	200.1706	177.5806	0.652156	12.20971
736.3105	0.636	-99999	-931.744	102	160.3774	0.65123	12.19781
736.4745	-99999	12.96407	-99999	-99999	-99999	0.646538	12.20977
736.6385	0.641372	12.77469	-927.829	111.1966	171.2023	0.645	12.19764
736.8025	0.643114	12.93616	-927.829	104.2591	163.9585	0.646383	12.31239
736.9665	0.645371	12.96407	-929.282	110.0159	168.7746	0.649074	12.31239
737.1305	0.646371	12.96407	-930.292	109.3164	173.2767	0.643782	12.21007
737.2945	0.647	13.15319	-926.379	126.0226	193.0834	0.640309	12.19744
737.4585	0.645889	12.80307	-925.364	118.5409	183.8447	0.636547	12.31239
737.6225	0.64326	12.93589	-927.829	124.0555	195.1988	0.63569	12.21024
737.7865	0.642	12.77508	-927.829	128.2484	195.8781	0.63738	12.19725
737.9505	0.642739	12.93576	-929.276	113.5069	178.6027	0.636621	12.31239
738.1145	0.646215	12.77521	-930.298	120.5749	185.2303	0.633931	12.41441
738.2785	0.648893	12.93569	-932.163	114.2692	176.2551	0.631621	12.42766
738.4425	0.646631	12.77528	-935.241	115.5383	178.9872	0.635134	12.41427
738.6065	0.645263	12.74684	-929.271	114.8517	176.7463	0.640442	12.22436
738.7705	0.645104	12.93543	-930.303	110.6094	172.3787	0.643376	11.97965
738.9345	0.648839	12.96407	-927.829	114.1962	175.5503	0.645376	12.09516
739.0985	0.649427	12.77555	-927.829	109.323	166.7663	0.642561	12.09516
739.2625	0.643898	12.74684	-927.829	101.1971	156.6942	0.642375	12.19672
739.4265	0.640899	12.74684	-927.829	108.3561	174.5788	0.643687	12.2109

739.5905	0.6401	12.93516	-929.265	131.8639	204.7725	0.646061	12.19661
739.7545	0.641634	12.77581	-930.309	123.0662	190.0846	0.64494	12.31239
739.9185	0.638802	12.74684	-927.829	121.9286	195.0262	0.644	12.31239
740.0825	0.634634	12.93503	-929.263	137.004	213.5117	0.645373	12.31239
740.2465	0.634366	12.77594	-928.879	122.2746	190.5569	0.646	12.31239
740.4105	0.634634	12.9349	-926.776	113.8605	180.516	0.646	12.31239
740.5745	0.634731	12.77607	-933.174	118.7345	186.9072	0.646	12.41354
740.7385	0.636	12.74684	-932.8	116.6737	182.6645	0.644629	12.42852
740.9025	0.636	12.93477	-930.687	115.1215	182.2637	0.644	12.21137
741.0665	0.637459	12.77621	-934.231	119.9405	187.5388	0.646054	12.19612
741.2305	0.641093	12.74684	-930.317	114.0897	176.2685	0.649053	12.31239
741.3945	0.645548	12.93457	-927.829	110.2283	173.1672	0.65	12.31239
741.5585	0.648908	12.77635	-927.829	123.0562	190.2585	0.643843	12.41321
741.7225	0.645909	12.9345	-927.829	126.264	195.6398	0.638265	12.42886
741.8865	0.643637	12.96407	-927.829	123.3088	189.4032	0.639051	12.2117
742.0505	0.643726	12.96407	-929.251	115.8969	181.7339	0.638634	12.19582
742.2145	0.646814	12.96407	-930.323	124.5261	192.8279	0.634584	12.31239
742.3785	0.65	12.96407	-927.829	123.109	187.7092	1.06257	12.31239
742.5425	0.650363	12.77667	-929.248	121.5685	190.7465	0.83467	12.31239
742.7065	0.64774	12.93417	-930.326	139.2127	214.4532	0.636	12.21196
742.8705	0.642724	12.7768	-927.829	131.2331	200.7922	0.63941	12.09516
743.0345	0.645808	12.74684	-927.829	118.1419	184.7601	0.641682	12.19552
743.1985	0.647554	12.74684	-927.829	126.4768	195.0036	0.644045	12.31239
743.3625	0.645723	12.74684	-927.829	121.8618	186.8808	0.645681	12.21216
743.5265	0.645557	12.93384	-929.241	114.0436	177.288	0.646681	12.19526
743.6905	0.643721	12.77713	-930.333	120.3879	189.0199	0.647	12.31239
743.8545	0.645	12.93371	-929.239	122.9719	186.477	0.644959	12.31239
744.0185	0.64392	12.96407	-930.335	107.4212	169.4883	0.64264	12.21243
744.1825	0.641281	12.77727	-930.646	120	187.126	0.642	12.19506
744.3465	0.637843	12.74684	-934.251	119.7403	187.5709	0.643359	12.31239
744.5105	0.631127	12.74684	-931.744	115.628	181.0999	0.648076	12.21259
744.6745	0.629589	12.74684	-931.744	110.4043	177.9659	0.647963	12.29469
744.8385	0.636359	12.74684	-931.744	121.188	189.3459	0.646321	12.42992
745.0025	0.635207	12.74684	-931.744	118.5877	188.2936	0.644643	12.31239
745.1665	0.631642	12.74684	-931.744	126.2585	200.048	0.646035	12.41195
745.3305	0.633506	12.74684	-930.343	127	200.4774	0.65039	12.43009
745.4945	0.641577	12.74684	-927.829	126.2264	196.3051	0.647254	12.31239
745.6585	0.649072	12.74684	-927.829	121.4237	185.5521	0.642967	12.31239
745.8225	0.649213	12.74684	-929.228	115.0302	177.8122	0.639968	12.21302
745.9865	0.645643	12.93304	-930.346	115.1703	176.6747	0.641031	12.29376
746.1505	0.643216	12.96407	-929.226	111.1111	175.272	0.641323	12.43035
746.3145	0.641782	12.778	-930.348	125.0531	196.0772	0.63694	12.31239
746.4785	0.644644	12.9329	-929.224	128.4359	197.6816	0.634324	12.31239
746.6425	0.645068	12.96407	-930.35	121.5127	188.6788	0.634676	12.31239
746.8065	0.646288	12.96407	-929.222	122.4879	189.2146	0.634324	12.31239
746.9705	0.645356	12.96407	-933.136	121.2557	188.044	0.635351	12.21339
747.1345	0.647066	12.77826	-934.268	121.7446	187.9971	0.636	12.19413

747.2985	0.649355	12.74684	-931.744	122.5311	189.6158	0.636675	12.31239
747.4625	0.648935	12.93258	-931.744	128.7858	199.5458	0.63835	12.31239
747.6265	0.647355	12.96407	-931.744	131.4519	201.5243	0.641699	12.31239
747.7905	0.647291	12.77846	-931.744	128.8355	201.9881	0.647721	12.31239
747.9545	0.646354	12.93238	-931.744	139.4413	213.5815	0.647977	12.21369
748.1185	0.647	12.96407	-930.359	127.2222	195.5541	0.644978	12.09516
748.2825	0.644524	12.77859	-927.829	128.8551	204.2128	0.643326	12.09516
748.4465	0.63788	12.93225	-929.212	143.1675	220.7716	0.645021	12.19367
748.6105	0.634	12.96407	-930.362	124.227	194.84	0.64802	12.21392
748.7745	0.635058	12.77879	-930.591	126.0833	202.8913	0.649673	12.09516
748.9385	0.638058	12.74684	-930.138	140.4286	216.0649	0.650673	12.19353
749.1025	0.63859	12.93205	-922.759	125.8007	200.011	0.644947	12.31239
749.2665	0.634591	12.96407	-929.208	139.2429	218.9448	0.643345	12.31239
749.4305	0.631648	12.96407	-931.744	134.2273	210.7594	0.64736	12.31239
749.5945	0.633109	12.96407	-931.744	123.986	194.6069	0.646313	12.41056
749.7585	0.636649	12.96407	-931.744	123.7851	198.0515	0.646343	12.52961
749.9225	0.639161	12.96407	-931.744	138.9884	216.2552	0.644315	12.23549
750.0865	0.645702	12.77919	-930.37	131.242	202.1811	0.644342	12.07388
750.2505	0.645948	13.11646	-927.829	124.2441	191.2519	0.645	12.41033
750.4145	0.643301	12.81207	-927.829	125.7479	199.6914	0.64299	12.52961
750.5785	0.643748	12.93144	-929.197	136.2619	205.7321	0.64066	12.3342
750.7425	0.647349	12.96407	-931.744	108.4977	168.5247	0.635983	12.1928
750.9065	0.648	12.96407	-931.744	119.7315	188.9285	0.628646	12.40996
751.0705	0.646256	12.96407	-930.378	137.7589	211.7533	0.632689	12.43207
751.2345	0.644046	12.96407	-927.829	128.513	198.0082	0.636669	12.31239
751.3985	0.647045	12.77973	-927.829	117.2729	178.9551	0.633657	12.31239
751.5625	0.648304	12.93112	-927.829	109.9744	172.1144	0.631332	12.31239
751.7265	0.645261	12.96407	-927.829	124.4809	194.4922	0.635676	12.4097
751.8905	0.642	12.96407	-927.829	128.0354	196.9452	0.644677	12.43234
752.0545	0.643389	12.77998	-927.829	116.9899	182.4471	0.650003	12.31239
752.2185	0.648777	12.93091	-927.829	118.2692	181.2551	0.648331	12.31239
752.3825	0.652959	13.14808	-929.187	111.5169	169.8613	0.644999	12.31239
752.5465	0.64892	12.99734	-930.387	108.7281	168.6547	0.641333	12.31239
752.7105	0.642922	12.78018	-929.185	111.5343	171.8987	0.643332	12.31239
752.8745	0.638654	12.93066	-930.389	108.1864	172.0633	0.644334	12.40937
753.0385	0.639038	12.96407	-927.829	119.2778	185.5714	0.645999	12.33579
753.2025	0.639617	12.78032	-929.183	121.6247	195.059	0.645668	12.19201
753.3665	0.635964	12.93052	-931.744	136.1565	208.3868	0.646331	12.40917
753.5305	0.632619	12.96407	-931.744	106.5465	166.8227	0.647665	12.52961
753.6945	0.62931	12.78051	-930.394	100.7153	161.159	0.64933	12.33619
753.8585	0.631102	12.74684	-927.829	110.4066	177.7062	0.648005	12.19181
754.0225	0.637689	12.93032	-929.178	123.0211	192.2959	0.647665	12.21581
754.1865	0.639688	12.96407	-931.744	118.0446	183.2957	0.646671	12.09516
754.3505	0.641344	13.14742	-930.398	110.047	170.3479	0.646664	12.19164
754.5145	0.642687	12.998	-927.829	104.7315	163.4216	0.647	12.31239
754.6785	0.64503	12.78079	-927.829	104.5641	160.5768	0.642354	12.31239
754.8425	0.647	12.93006	-929.173	106.4971	170.6163	0.636683	12.31239

755.0065	0.64357	12.96407	-931.744	129.1901	196.256	0.633674	12.31239
755.1705	0.638714	12.96407	-930.402	106.7855	166.4233	0.635651	12.4086
755.3345	0.642342	12.96407	-927.829	109.065	173.6628	0.638988	12.33725
755.4985	0.645053	12.78105	-927.829	131.8779	206.8731	0.63735	12.19128
755.6625	0.649	12.92979	-929.168	141.0925	215.5547	0.633351	12.31239
755.8265	0.647975	12.96407	-930.406	128.1282	195.2476	0.632	12.2164
755.9905	0.646	12.78124	-929.166	117.4501	182.7381	0.634646	12.28706
756.1545	0.646341	12.9296	-931.744	123.2069	191.3914	0.636	12.33778
756.3185	0.648023	12.78132	-931.744	126.7589	195.4571	0.641951	12.09516
756.4825	0.65	12.92953	-930.409	125.5179	192.7973	0.646322	12.19095
756.6465	0.648978	13.14669	-927.829	120.87	184.2278	0.645018	12.40811
756.8105	0.64632	12.81618	-929.161	114.607	179.6548	0.642679	12.43393
756.9745	0.64262	12.74684	-930.413	123.3583	190.2163	0.645301	12.21673
757.1385	0.638679	12.92925	-929.158	117.6358	185.8937	0.64766	12.19068
757.3025	0.640339	13.14642	-933.072	115.2203	172.9485	0.648	12.31239
757.4665	0.639983	12.81671	-934.331	90.80898	148.3537	0.644704	12.40778
757.6305	0.636984	12.92907	-930.418	122.9557	193.6623	0.644977	12.43426
757.7945	0.634323	12.96407	-927.829	122.4205	190.618	0.647976	12.21707
757.9585	0.633338	12.96407	-927.829	111.9536	177.3958	0.647683	12.19042
758.1225	0.635014	12.96407	-927.829	113.3317	177.3836	0.644367	12.2172
758.2865	0.637	12.96407	-927.829	107.0479	167.4235	0.641684	12.09516
758.4505	0.638013	12.7821	-927.829	105.9017	167.2258	0.644946	12.19025
758.6145	0.639663	12.92873	-929.149	112.4748	176.1478	0.650945	12.31239
758.7785	0.640685	12.96407	-931.744	114.7115	179.5068	0.651685	12.31239
758.9425	0.645011	12.96407	-930.425	122.2164	192.8486	0.647058	12.31239
759.1065	0.646327	12.7823	-927.829	135.6848	207.7561	0.64106	12.31239
759.2705	0.643991	12.92854	-927.829	122.8715	189.3887	0.638344	12.31239
759.4345	0.642	12.96407	-929.144	114.5828	177.5454	0.639969	12.31239
759.5985	0.642672	12.96407	-933.058	112.1236	175.8534	0.638376	12.31239
759.7625	0.645678	13.14563	-933.031	118.0565	182.2359	0.635688	12.31239
759.9265	0.648665	12.99979	-927.829	120.1828	188.6733	0.631067	12.40698
760.0905	0.647665	12.96407	-929.141	130.177	196.511	0.629	12.43506
760.2545	0.643318	12.96407	-930.433	108.4699	168.9434	0.633586	12.31239
760.4185	0.638676	12.96407	-929.139	110.2347	172.7567	0.637965	12.31239
760.5825	0.645672	12.96407	-931.744	113.816	178.1001	0.640309	12.21799
760.7465	0.649334	12.96407	-931.744	122.0626	187.3686	0.641654	12.18949
760.9105	0.648665	12.96407	-933.051	119.4681	184.4889	0.643308	12.2181
761.0745	0.644999	12.96407	-934.353	119.8312	185.0044	0.645962	12.18942
761.2385	0.644667	12.96407	-930.439	121.8379	192.8004	0.647	12.40658
761.4025	0.648333	12.96407	-927.829	134.4635	203.1042	0.640467	12.52961
761.5665	0.647335	13.14503	-927.829	111.6012	171.4623	0.640265	12.43555
761.7305	0.642338	13.00046	-929.13	107.6976	168.1413	0.642653	12.31239
761.8945	0.63734	12.7833	-929.144	113.4834	180.4499	0.646914	12.21846
762.0585	0.634	12.74684	-925.213	117.5763	180.4135	0.649	12.28289
762.2225	0.634332	12.92754	-927.829	97.87031	157.5809	0.647045	12.34202
762.3865	0.635	12.96407	-929.126	113.0735	177.44	0.646	12.18889
762.5505	0.635662	12.96407	-930.448	107.4556	167.3308	0.646651	12.31239

762.7145	0.636669	12.96407	-927.829	98.07598	153.4164	0.648953	12.40605
762.8785	0.637653	12.96407	-929.123	102.6154	166.0051	0.65	12.43602
763.0425	0.643313	12.96407	-929.156	125.0009	192.345	0.648048	12.31239
763.2065	0.648991	12.96407	-926.499	115.2304	177.7063	0.645699	12.31239
763.3705	0.65001	13.14437	-930.452	117.1504	181.0049	0.64045	12.40582
763.5345	0.646352	13.00105	-927.829	120.0809	185.1567	0.6393	12.34281
763.6985	0.643329	12.78384	-927.829	122.5092	194.141	0.64065	12.1885
763.8625	0.644988	12.92701	-927.829	135.722	206.9049	0.639701	12.31239
764.0265	0.646671	13.1441	-929.116	122.1196	191.6306	0.635756	12.21925
764.1905	0.646328	13.00132	-931.744	135.5429	209.4045	0.633352	12.18826
764.3545	0.647	12.96407	-930.46	128.0653	193.9271	0.633648	12.31239
764.5185	0.646672	12.96407	-927.829	107.0879	164.979	0.635945	12.31239
764.6825	0.647311	12.96407	-927.829	102.4043	157.1365	0.637	12.31239
764.8465	0.650327	12.96407	-927.829	99.04883	153.6824	0.638943	12.21952
765.0105	0.651327	12.96407	-929.11	109.8648	171.2742	0.639353	12.18799
765.1745	0.651346	12.96407	-930.464	123.4541	189.8456	0.642236	12.40519
765.3385	0.649673	12.96407	-929.108	120.464	182.3392	0.645941	12.43688
765.5025	0.648347	13.14364	-930.466	111.802	177.0906	0.645707	12.40506
765.6665	0.647979	12.82228	-929.106	126.3958	189.2703	0.643061	12.43701
765.8305	0.648696	12.92628	-931.744	104.462	166.1805	0.642	12.31239
765.9945	0.644046	13.14344	-931.744	128.1935	197.7826	0.643292	12.31239
766.1585	0.638698	13.00193	-930.47	121.7744	190.5035	0.647229	12.21992
766.3225	0.636325	12.96407	-927.829	118.0684	183.5157	0.648355	12.27997
766.4865	0.638625	12.96407	-927.829	110.4773	174.684	0.647355	12.43727
766.6505	0.641675	12.96407	-927.829	113.8273	173.8019	0.640552	12.31239
766.8145	0.639378	13.14318	-929.099	102.2887	164.4289	0.640868	12.40466
766.9785	0.635352	13.00219	-930.475	120.6346	187.4982	0.646867	12.43741
767.1425	0.635945	12.96407	-929.098	109.8972	173.4274	0.650288	12.31239
767.3065	0.641943	13.14304	-931.744	114.5679	179.5399	0.647137	12.40446
767.4705	0.646324	13.00238	-930.478	122.0131	190.1652	0.644356	12.43758
767.6345	0.646677	13.14291	-927.829	124.3091	188.9763	0.64593	12.31239
767.7985	0.646323	13.00246	-927.829	107.3306	165.6017	0.648287	12.40433
767.9625	0.647323	12.96407	-929.093	104.7769	161.7084	0.645785	12.43774
768.1265	0.648968	12.96407	-931.744	107.5642	168.1828	0.640787	12.4042
768.2905	0.650356	13.14271	-929.221	121.3348	187.494	0.635788	12.43784
768.4545	0.649322	13.00271	-927.695	126.6665	195.5346	0.634	12.31239
768.6185	0.649357	12.96407	-933.14	129	198.6586	0.634642	12.22071
768.7825	0.649287	12.96407	-929.088	125.6723	191.2817	0.635	12.18677
768.9465	0.652321	12.96407	-931.744	114	174.7606	0.636283	12.22084
769.1105	0.651395	12.96407	-931.744	116.2124	179.9654	0.636359	12.18667
769.2745	0.648	13.14238	-931.744	120.9069	184.4289	0.639846	12.31239
769.4385	0.646718	13.00299	-929.234	112.6484	176.0633	0.645204	12.31239
769.6025	0.645602	12.96407	-926.423	117.5874	179.0992	0.649562	12.40373
769.7665	0.650601	13.14225	-930.491	104.6439	162.6538	0.649079	12.43834
769.9305	0.65336	13.18129	-927.829	113.1199	172.5209	0.64544	12.22115
770.0945	0.650722	13.00324	-929.08	110.2197	169.5374	0.64336	12.18637
770.2585	0.646404	12.96407	-931.744	116.9258	185.1289	0.645559	12.40353

770.4225	0.642042	12.96407	-930.494	133.8313	205.464	0.646361	12.52961
770.5865	0.640638	12.96407	-929.077	120.3146	188.7331	0.646639	12.34759
770.7505	0.641044	12.96407	-930.497	128.282	202.4738	0.647	12.18614
770.9145	0.638364	12.96407	-927.829	132.1452	201.3408	0.646362	12.31239
771.0785	0.636682	12.96407	-927.829	109.2308	175.338	0.648552	12.22157
771.2425	0.635682	12.96407	-926.585	120.3741	183.8492	0.651276	12.18591
771.4065	0.636585	12.96407	-925.155	97.77998	156.9928	0.651363	12.31239
771.5705	0.641267	12.96407	-927.829	116.3018	182.2851	0.650363	12.40297
771.7345	0.645266	12.96407	-929.068	121.8666	189.4746	0.649363	12.52961
771.8985	0.648	12.96407	-930.506	124.7836	192.4132	0.647727	12.52961
772.0625	0.648632	13.14139	-927.829	122.7019	188.2536	0.648909	12.34878
772.2265	0.65	13.00404	-927.829	119.2963	184.4539	0.647456	12.27586
772.3905	0.65	13.14125	-927.829	126.1575	195.6236	0.642822	12.52961
772.5545	0.649685	13.00417	-927.829	132.4919	202.854	0.637187	12.43933
772.7185	0.648055	12.96407	-929.062	121.4048	183.2932	0.636906	12.40261
772.8825	0.646	12.96407	-935.443	99.49405	152.9343	0.639905	12.43946
773.0465	0.647888	12.96407	-939.793	100.0153	158.6007	0.641	12.31239
773.2105	0.653572	13.14099	-929.283	118.5676	179.0145	0.637828	12.31239
773.3745	0.655744	13.00443	-931.29	106.4284	162.6115	0.634731	12.40241
773.5385	0.651745	13.14091	-941.261	110.5678	171.5125	0.637805	12.52961
773.7025	0.649	13.18129	-929.057	123.2087	192.1503	0.643803	12.52961
773.8665	0.65088	13.00457	-930.517	131.155	198.8027	0.646634	12.52961
774.0305	0.655626	12.96407	-929.055	114.867	173.6902	0.646367	12.52961
774.1945	0.655749	12.96407	-930.519	107.852	165.0895	0.646633	12.43986
774.3585	0.651125	12.96407	-927.829	110.149	168.545	0.648266	12.40208
774.5225	0.646063	12.96407	-927.829	111.892	176.7794	0.649633	12.35037
774.6865	0.643376	12.96407	-927.829	126.6018	194.2796	0.649368	12.18472
774.8505	0.641376	13.14046	-926.608	115.4846	181.1542	0.649632	12.40191
775.0145	0.64	13.18129	-925.134	120.1529	187.1152	0.648736	12.44013
775.1785	0.639066	13.00498	-927.829	116.1538	181.1254	0.650527	12.31239
775.3425	0.635755	13.14033	-927.829	113.2115	178.2347	0.652631	12.40174
775.5065	0.634866	13.0051	-927.829	112.5218	176.1626	0.649845	12.44032
775.6705	0.639311	12.96407	-927.829	103.837	160.087	0.648	12.31239
775.8345	0.64031	12.788	-927.829	91.57888	142.7121	0.645477	12.40161
775.9985	0.64131	12.92289	-927.829	95.67857	153.3808	0.647152	12.44046
776.1625	0.64169	13.14006	-927.829	119.7333	188.619	0.652151	12.40148
776.3265	0.643788	13.18129	-929.042	123.2817	186.6899	0.65274	12.52961
776.4905	0.651238	13.00543	-930.533	103.2411	162.3122	0.649482	12.44063
776.6545	0.652764	13.13986	-926.619	119.6506	180.822	0.644853	12.31239
776.8185	0.648455	13.00551	-926.333	110.5546	173.1515	0.641742	12.40128
776.9825	0.645618	12.96407	-931.744	127.9716	201.1334	0.641	12.52961
777.1465	0.648543	13.13973	-930.536	141.5389	217.1849	0.639743	12.44086
777.3105	0.652925	13.00569	-929.036	127.6631	189.4726	0.637743	12.40111
777.4745	0.654692	12.96407	-931.744	103.2841	163.1119	0.636372	12.52961
777.6385	0.652769	12.96407	-931.744	128.7134	195.478	0.636	12.44099
777.8025	0.649078	12.96407	-931.744	119.7925	184.4035	0.637882	12.31239
777.9665	0.647614	12.96407	-929.34	116.7208	178.5486	0.642136	12.40082

778.1305	0.649307	13.13933	-925.115	111.931	175.2959	0.646507	12.52961
778.2945	0.651226	13.00609	-927.829	126.7934	194.55	0.648	12.52961
778.4585	0.654	12.96407	-929.028	120.0159	179.0844	0.649253	12.52961
778.6225	0.653082	13.1392	-931.744	99.88801	155.1095	0.65	12.44139
778.7865	0.650694	13.18129	-930.547	109.1462	166.3534	0.650626	12.31239
778.9505	0.650611	13.18129	-927.829	100.7659	153.965	0.649123	12.40051
779.1145	0.649864	13.18129	-927.829	94.15166	143.4689	0.646749	12.52961
779.2785	0.64378	13.18129	-929.023	91.10256	144.6551	0.646	12.35355
779.4425	0.640695	13.00642	-931.744	108.2304	169.8642	0.650375	12.27109
779.6065	0.639696	13.13887	-930.552	108.9048	167.1147	0.654874	12.35382
779.7705	0.639304	13.18129	-929.02	95.65792	151.6506	0.654127	12.27088
779.9345	0.639392	13.18129	-931.744	107.4291	169.1175	0.650503	12.44178
780.0985	0.636785	13.18129	-931.744	111.3687	173.6229	0.649	12.31239
780.2625	0.635518	13.18129	-930.555	105	165.2217	0.652742	12.31239
780.4265	0.640213	13.18129	-927.829	110.292	176.2743	0.656247	12.40002
780.5905	0.645121	13.18129	-927.829	124.2933	187.6835	0.654508	12.35443
780.7545	0.650303	13.00689	-929.014	99.62344	154.4191	0.649262	12.2703
780.9185	0.650093	13.13846	-930.56	104.9866	160.7203	0.645132	12.52961
781.0825	0.647093	13.18129	-929.013	105.6604	166.8671	0.642755	12.52961
781.2465	0.645906	13.00702	-930.561	121.3699	185.9184	0.640756	12.52961
781.4105	0.647095	12.96407	-927.829	111.404	172.4726	0.64	12.44229
781.5745	0.647111	13.1382	-929.009	113	174.6267	0.638135	12.39969
781.7385	0.652	13.18129	-931.744	114.4103	176.5475	0.635135	12.44238
781.9025	0.650795	13.00722	-931.744	121.2084	187.1801	0.636485	12.31239
782.0665	0.647699	12.96407	-930.566	127.2066	197.3251	0.639242	12.39949
782.2305	0.648804	12.96407	-929.006	127.3818	192.8681	0.640621	12.52961
782.3945	0.654201	13.13794	-930.568	108.7995	166.1597	0.641621	12.52961
782.5585	0.6561	13.18129	-929.004	109.4017	167.8215	0.64138	12.44264
782.7225	0.6531	13.00748	-929.395	117.4022	181.6134	0.646581	12.39929
782.8865	0.6507	12.96407	-926.26	129.1987	200.2457	0.652479	12.52961
783.0505	0.650299	12.96407	-930.572	136.8026	209.451	0.651522	12.44282
783.2145	0.651598	13.13767	-929	133.1956	205.3271	0.647523	12.39916
783.3785	0.650012	13.18129	-931.744	136.0098	207.6669	0.646	12.52961
783.5425	0.642701	13.18129	-931.744	126.8062	196.3675	0.649713	12.61625
783.7065	0.642	13.18129	-931.744	122.9933	192.3555	0.653856	12.74684
783.8705	0.642298	13.00788	-930.577	125.8099	194.9456	0.654382	12.57378
784.0345	0.643596	13.13741	-927.829	121.198	188.4684	0.651528	12.39889
784.1985	0.64381	13.00796	-928.994	122	189.4986	0.648146	12.52961
784.3625	0.63981	13.31062	-930.579	122	190.6832	0.648235	12.52961
784.5266	0.637297	13.22531	-928.993	119.4333	185.3773	0.649617	12.52961
784.6905	0.639778	13.18129	-931.744	112.1443	177.7364	0.652466	12.52961
784.8545	0.64548	13.18129	-930.585	127.5508	199.5859	0.654	12.52961
785.0185	0.649592	13.18129	-927.829	136.8242	209.7155	0.652152	12.44357
785.1825	0.649522	13.00841	-928.987	125.9268	189.0392	0.650384	12.31239
785.3465	0.645409	12.96407	-931.744	102.9561	161.077	0.651231	12.3983
785.5105	0.64518	12.96407	-930.589	111.1953	172.5017	0.647694	12.44375
785.6745	0.648884	13.13675	-928.983	112.975	174.8688	0.643155	12.31239

785.8385	0.651	13.18129	-930.591	118.7527	183.7959	0.640155	12.39816
786.0025	0.650411	13.18129	-926.676	129.6991	202.3451	0.639	12.52961
786.1665	0.649	13.18129	-923.914	140.3348	212.5422	0.639614	12.44397
786.3305	0.649588	13.18129	-925.065	122.1645	188.9808	0.638772	12.31239
786.4945	0.651587	13.18129	-926.68	126.2249	193.1109	0.636158	12.39797
786.6585	0.65036	13.00889	-925.062	125.7094	195.5107	0.636841	12.52961
786.8225	0.64576	13.13641	-927.829	130.2286	196.3663	0.641067	12.52961
786.9865	0.65	13.35357	-928.976	110.1129	175.8522	0.647905	12.61499
787.1505	0.650293	13.2263	-931.744	139.3714	210.6501	0.650387	12.57616
787.3145	0.652169	13.00914	-930.599	117.8819	179.0932	0.648775	12.3977
787.4785	0.655	12.96407	-928.973	110.9231	170.8721	0.646163	12.52961
787.6425	0.654708	13.13615	-930.601	123.0372	191.1378	0.646836	12.44443
787.8065	0.654292	13.18129	-928.971	137.5047	208.1819	0.646165	12.3975
787.9705	0.657623	13.18129	-932.885	127.3833	194.005	0.649281	12.52961
788.1345	0.664	13.18129	-933.379	128.8087	193.8387	0.652	12.44457
788.2985	0.662255	13.18129	-928.968	131.8217	202.1245	0.649555	12.39737
788.4625	0.657709	13.35311	-930.605	143.7974	215.2855	0.647389	12.52961
788.6265	0.654676	13.22677	-927.829	124.8557	189.7818	0.650664	12.52961
788.7905	0.650741	13.18129	-926.693	121.3329	187.5097	0.655441	12.52961
788.9545	0.658479	13.18129	-925.049	126.8099	192.4472	0.655169	12.52961
789.1185	0.673663	13.18129	-930.097	124.4811	183.7228	0.65217	12.52961
789.2825	0.692606	13.18129	-932.258	119.8981	174.5198	0.65039	12.52961
789.4465	0.699	13.18129	-925.047	129.3265	186.0158	0.651219	12.6142
789.6105	0.700156	13.18129	-928.96	131.7836	185.8273	0.652	12.57775
789.7745	0.703577	13.18129	-930.614	122.3445	177.1325	0.646519	12.48142
789.9385	0.704423	13.35263	-926.7	140.2454	198.5228	0.642391	12.66239
790.1025	0.702135	13.05594	-925.043	138.3201	198.0037	0.642	12.52961
790.2665	0.699136	13.13529	-928.957	140.2344	197.7034	0.642608	12.61393
790.4305	0.697863	13.18129	-930.617	123.2481	176.0415	0.644216	12.74684
790.5945	0.700862	13.18129	-926.704	121.8767	175.3073	0.642569	12.57834
790.7585	0.703	13.35237	-926.163	128.8755	182.4702	0.63857	12.48076
790.9225	0.702426	13.22749	-930.62	129.0589	187.5915	0.637607	12.5786
791.0865	0.70014	13.35225	-928.952	145.5752	203.7544	0.642249	12.39644
791.2505	0.699433	13.39852	-930.622	124.6146	180.1353	0.64682	12.4456
791.4145	0.708433	13.22776	-927.829	134.3247	188.4367	0.649819	12.39631
791.5785	0.730286	13.18129	-927.829	127.9295	175.8618	0.648576	12.52961
791.7425	0.748715	13.18129	-927.829	132	176.3062	0.644577	12.52961
791.9065	0.742715	13.35192	-928.946	129.7736	173.1121	0.646027	12.44589
792.0705	0.742855	13.22796	-930.628	122.2228	166.1303	0.649815	12.47975
792.2345	0.745285	13.18129	-928.944	136.2533	185.8916	0.651	12.66318
792.3985	0.743724	13.18129	-930.63	152.5992	203.4042	0.650395	12.52961
792.5625	0.737716	13.18129	-930.056	138.3076	184.7682	0.648791	12.61314
792.7265	0.737284	13.35165	-933.434	125.502	172.7865	0.649813	12.66338
792.8905	0.738851	13.22822	-927.829	138.2399	185.0925	0.652208	12.61303
793.0545	0.741284	13.35152	-927.829	129.8578	177.9988	0.647566	12.74684
793.2185	0.74115	13.2283	-927.829	142.0467	187.9914	0.647622	12.74684
793.3825	0.739283	13.18129	-927.829	123.4846	169.5904	0.65	12.74684

793.5465	0.741414	13.35139	-928.936	139.1831	187.8609	0.651206	12.66365
793.7105	0.74613	13.39852	-932.85	140.7312	189.145	0.653205	12.44646
793.8745	0.749847	13.39852	-933.449	140.7153	185.2834	0.654603	12.39551
794.0385	0.752	13.22857	-928.933	124.7244	164.9277	0.654398	12.52961
794.2025	0.755102	13.18129	-931.744	117.5426	154.645	0.655204	12.61261
794.3665	0.770597	13.18129	-930.642	115.1761	152.2708	0.66021	12.8297
794.5305	0.791124	13.18129	-928.929	131.4623	164.4246	0.663601	12.88125
794.6945	0.795404	13.35092	-931.744	123.4382	157.544	0.660995	12.74684
794.8585	0.79872	13.39852	-930.646	139.3614	174.7317	0.657197	12.74684
795.0225	0.797159	13.22895	-928.927	137.5676	170.1764	0.651796	12.58152
795.1865	0.793879	13.18129	-931.744	121.459	152.6141	0.652601	12.56017
795.3505	0.792399	13.18129	-931.744	120.6204	153.3419	0.662199	12.7164
795.5145	0.796	13.18129	-931.744	126.9216	158.6971	0.680796	12.31239
795.6785	0.795441	13.18129	-931.744	121.8205	153.0224	0.695397	12.31239
795.8425	0.793721	13.18129	-930.651	124.2298	158.7845	0.699	12.55958
796.0065	0.799973	13.18129	-928.921	141.6869	178.9041	0.701995	12.71708
796.1705	0.824965	13.35046	-931.744	154.5365	187.7	0.704	12.47696
796.3345	0.84133	13.39852	-930.654	155.9289	184.6162	0.704	12.8291
796.4985	0.834775	13.39852	-927.829	150.1087	179.2131	0.701008	12.88187
796.6625	0.82761	13.22948	-927.829	146	176.4129	0.697804	12.74684
796.8265	0.822612	13.35026	-927.829	140.1291	166.2958	0.699391	12.8289
796.9905	0.819555	13.22962	-928.915	117.6176	146.6644	0.701598	12.80002
797.1545	0.823217	13.35013	-930.659	139.3546	169.5215	0.702597	12.52961
797.3185	0.828723	13.39852	-927.829	143.3016	174.4882	0.701806	12.69348
797.4825	0.82717	13.22975	-927.829	150.6372	179.8033	0.699209	12.8822
797.6465	0.825276	13.18129	-927.829	135.3534	164.251	0.700983	12.58324
797.8105	0.82959	13.34993	-927.829	137	165.1498	0.714329	12.31239
797.9745	0.841483	13.39852	-927.829	138.0565	164.7634	0.739288	12.39412
798.1385	0.846897	13.39852	-927.829	142.8242	168.5258	0.746232	12.61128
798.3025	0.842349	13.39852	-927.829	141.1227	166.9357	0.742405	12.74684
798.4665	0.838	13.23015	-926.753	133.1465	156.2663	0.743785	12.74684
798.6305	0.839099	13.3496	-924.989	117.9725	142.5975	0.74619	12.66541
798.7945	0.841726	13.23028	-926.755	133.571	159.7565	0.741054	12.44821
798.9585	0.840178	13.18129	-926.06	139.4313	164.8781	0.737594	12.47506
799.1225	0.838548	13.34946	-930.671	132.1742	157.7413	0.737406	12.74684
799.2865	0.841095	13.39852	-927.829	130.7388	153.9118	0.739375	12.74684
799.4505	0.845367	13.39852	-927.829	122.4309	146.4599	0.741594	12.74684
799.6145	0.848727	13.23054	-927.829	135.9066	161.4264	0.74022	12.6657
799.7785	0.858643	13.34925	-927.829	144.6538	168.3236	0.739593	12.61068
799.9425	0.91128	13.39852	-927.829	143.3461	157.766	0.742965	12.74684
800.1065	0.979815	13.39852	-928.896	142.9274	144.69	0.747371	12.74684
800.2705	0.992178	13.39852	-931.744	134.3793	136.2323	0.750777	12.74684
800.4345	0.997184	13.56623	-930.679	143.4095	145.224	0.752	12.82771
800.5985	0.99174	13.44805	-928.893	153.2814	153.5318	0.758512	12.88326
800.7625	0.980013	13.39852	-929.617	146.3744	150.1963	0.778976	12.74684
800.9265	0.970915	13.39852	-926.038	153.1715	157.8641	0.792957	12.82751
801.0905	0.969626	13.39852	-931.744	153.4864	157.9907	0.796773	12.8028

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157	-44.6035	2.477791	-22.4198	408.7282
157.1848	-44.5648	2.035656	-22.4393	494.6279
157.4466	-44.4604	1.867137	-22.4922	535.6023
155	-44.7005	1.737974	-22.3712	577.5884
155.3677	-44.4742	1.606558	-22.4849	622.6626
157.3671	-44.428	1.571271	-22.5084	636.4411
158.633	-44.3436	1.457358	-22.5516	689.2726
157.3663	-44.7123	1.343989	-22.3652	744.2404
158.8171	-44.6188	1.280906	-22.4121	781.4529
158	-44.733	1.276359	-22.3548	783.8984
158	-44.7696	1.228528	-22.3367	816.5188
157.8178	-44.9593	1.112499	-22.2424	900.5806
157	-45.0501	1.067862	-22.1976	936.4509
156.4552	-45.0185	0.973219	-22.2134	1035.687
154	-45.3317	0.956074	-22.0597	1049.843
154	-45.2273	0.956354	-22.1107	1048.354
154.1809	-45.4516	0.985062	-22.0015	1020.074
155.1806	-45.2353	0.908195	-22.1066	1123.115
156	-45.318	0.74836	-22.0663	1339.681
156.18	-45.4073	0.713306	-22.0232	1401.923
157	-45.0982	0.788738	-22.1739	1277.956
157.1797	-45.2054	0.759306	-22.1212	1334.042
158.3586	-45.1246	0.626012	-22.1612	1607.241
159.821	-44.8124	0.633725	-22.3153	1587.681
158.8213	-44.9515	0.670284	-22.2462	1492.134
158	-45.0426	0.715169	-22.2012	1404.849
186.366	-44.9448	0.593314	-22.2495	1803.229
288.6886	-45.0205	0.511523	-22.2121	1979.92
158	-45.1324	0.511168	-22.1571	1974.399
157.6451	-45.1941	0.430648	-22.127	2335.064
156.1772	-45.4436	0.229184	-22.0054	7751.258
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155.8232	-45.6057	0.172764	-21.9273	7822.672
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155.8239	-45.8315	-0.01875	-21.8191	-53326.8
154.4723	-46.0019	-0.04898	-21.7384	-31878
152	-46.2168	-0.16524	-21.6372	-8379.76
151.8245	-46.1153	-0.29734	-21.685	-3464.78
151	-46.3398	-0.33291	-21.5799	-3006.86
151	-46.1495	-0.34771	-21.669	-2888.69
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151.6534	-46.3781	-0.6078	-21.5621	-1647.78
150.173	-46.6593	-0.50046	-21.432	-2049.13
151.3452	-46.5411	-0.51572	-21.4865	-1993.4
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152	-46.6596	-0.76571	-21.4319	-1306.02
152.1708	-46.7511	-0.87216	-21.3899	-1163.23
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146.1669	-47.5855	-1.45263	-21.0148	-689.339
147	-47.5341	-1.50314	-21.0376	-665.275
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145	-47.5384	-1.44637	-21.0358	-695.11
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147.1656	-47.5515	-1.52435	-21.0299	-658.027
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149.1624	-47.5776	-1.62236	-21.0183	-617.038
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146	-47.7058	-1.75168	-20.9618	-571.007
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146.1592	-47.639	-1.68894	-20.9912	-595.915
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145	-47.6135	-1.83008	-21.0024	-546.426
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147	-47.6188	-1.59308	-21.0001	-627.907
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149.1567	-47.496	-1.40047	-21.0544	-714.049
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153.1496	-46.3882	-0.43418	-21.5573	-2437.57
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153.149	-46.3884	-0.39296	-21.5572	-2744.62
153.851	-46.1587	-0.28832	-21.6644	-3468.38
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154	-46.4949	-0.44573	-21.5078	-2243.51
153.8536	-46.5775	-0.5257	-21.4697	-1946.27
152.8536	-46.4125	-0.58465	-21.546	-1712.17
151.7079	-46.3684	-0.62176	-21.5666	-1621.04
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149	-46.7197	-0.77877	-21.4043	-1297.79
149	-46.8856	-0.74465	-21.3285	-1374.19
149	-46.8949	-0.74273	-21.3243	-1375.96
149	-46.9682	-0.82619	-21.291	-1211.42
148.8565	-47.099	-0.91106	-21.2319	-1113.36
148.1432	-47.2231	-0.93783	-21.1761	-1074.15
149.1429	-47.2108	-0.80574	-21.1816	-1246.28
150	-47.2733	-0.91498	-21.1536	-1127.5
149.8574	-47.4373	-0.96934	-21.0805	-1043.72
148.8578	-47.4777	-0.89675	-21.0625	-1116.49
148	-47.5782	-0.90376	-21.0181	-1107.27
147.8584	-47.4554	-0.87629	-21.0725	-1141.2
147.2827	-47.6583	-0.92458	-20.9828	-1084.97
149	-47.4655	-0.89281	-21.068	-1129.86
149	-47.4926	-0.80982	-21.056	-1234.84
148.8594	-47.352	-0.73443	-21.1185	-1376.05
148.1403	-47.4675	-0.68695	-21.0671	-1458.08
149.2801	-47.3528	-0.63124	-21.1182	-1612.32
151	-47.1089	-0.59922	-21.2274	-1681.19
150.8603	-47.1569	-0.52036	-21.2058	-2050.62
150.1393	-47.0914	-0.39488	-21.2354	-2532.85
150.861	-46.9134	-0.32179	-21.3159	-3303.45
149.8612	-46.9329	-0.3164	-21.307	-3339.24
149.2775	-46.8912	-0.20483	-21.3262	-27870.6
150.8616	-46.5649	-0.11952	-21.4755	-29013.3
150.1381	-46.7731	-0.10769	-21.3799	74110.89
151	-46.5824	0.056981	-21.4674	81628.48

150.8625	-46.5202	0.107883	-21.4961	9269.335
150	-46.4967	0.186451	-21.5069	6530.413
150.1371	-46.5798	0.18738	-21.4686	6498.054
151	-46.3793	0.251106	-21.5614	5918.538
151	-46.2488	0.338663	-21.6222	3042.009
150.8638	-46.1555	0.358984	-21.6659	2927.833
150.1361	-46.2892	0.496436	-21.6033	2042.268
151.4075	-46.2906	0.612942	-21.6028	1646.425
154.1355	-46.0252	0.622093	-21.7272	1618.058
155	-46.0046	0.641664	-21.737	1577.707
155	-45.9312	0.802298	-21.7717	1262.23
155	-45.8277	0.989311	-21.8209	1020.645
155	-45.8839	1.011064	-21.7941	994.8981
155.1343	-45.8648	1.095572	-21.8032	933.7932
156.1339	-45.7052	1.233348	-21.8794	811.2556
156.7328	-45.5078	1.309041	-21.9743	769.0047
155.2672	-45.6807	1.464159	-21.8915	683.7147
156.8667	-45.2259	1.617395	-22.1113	620.9526
156.133	-45.3473	1.736584	-22.0521	575.8691
157.2653	-45.2842	1.853724	-22.083	541.2515
159.1324	-44.8817	2.021099	-22.2809	495.2136
159.8677	-44.5888	2.06934	-22.4272	483.2642
159	-44.5665	2.207041	-22.4385	455.2805
159.2634	-44.3453	2.496773	-22.5505	401.7134
161.2627	-43.9737	2.754905	-22.7413	363.6954
163	-43.498	2.969003	-22.9896	337.1376
162.869	-43.452	3.07744	-23.0141	324.953
161.8693	-43.0905	3.302736	-23.2073	304.054
161.3913	-42.6981	3.520952	-23.4203	284.0141
164.2602	-42.5568	3.69246	-23.4981	271.4301
166.2596	-42.2888	3.970949	-23.647	251.9956
168	-41.9831	4.187775	-23.8196	238.9701
167.8706	-41.4983	4.285825	-24.0974	233.3322
167.2582	-41.5509	4.456337	-24.0673	224.8289
169.2576	-41.1248	4.590426	-24.3162	217.8906
171.1285	-41.0734	4.692043	-24.3467	213.4186
172.1285	-40.9353	4.837873	-24.4289	206.7118
173.1282	-40.7344	4.794461	-24.5494	208.575
173.8721	-40.5853	4.825938	-24.6395	207.2301
173.1275	-40.7252	4.943167	-24.555	202.3459
173.8728	-40.5304	4.988637	-24.673	200.4639
173	-40.8331	4.986978	-24.49	200.5306
173.1269	-40.8445	4.915774	-24.4831	203.5234
173.8734	-40.9486	4.87872	-24.4209	205.0201
172.8737	-41.1298	4.851656	-24.3133	206.2153
172	-41.1969	4.690819	-24.2737	213.2091
172	-41.3498	4.667655	-24.184	214.2502

171.8744	-41.5712	4.689452	-24.0552	213.2458
171	-41.7991	4.51309	-23.9239	221.8927
170.6251	-41.795	4.349636	-23.9266	229.906
168.1247	-42.1747	4.259154	-23.711	234.9338
168.8754	-42.0492	4.180277	-23.7819	239.232
168	-42.4025	4.158226	-23.5835	240.5309
167.504	-42.3897	4.069967	-23.5908	245.7169
164.1237	-42.7172	3.97703	-23.4098	251.5061
164.7531	-42.5884	3.839593	-23.4806	260.5447
162.8767	-42.5646	3.753231	-23.4939	266.4386
162.369	-42.911	3.787521	-23.3041	264.0621
165	-42.7403	3.795078	-23.3971	263.529
164.7552	-42.782	3.691902	-23.3745	270.9437
163	-43.0464	3.561902	-23.2308	280.8466
162.8779	-42.7978	3.596729	-23.3657	278.2785
162.1218	-42.7758	3.695136	-23.3778	270.6297
163.2429	-42.6491	3.593648	-23.4472	278.4466
165	-42.6162	3.51631	-23.4653	284.3961
165.1209	-42.7241	3.578488	-23.406	279.4932
166	-42.6064	3.518538	-23.4707	284.4965
166	-42.6233	3.342613	-23.4614	299.2709
166.1202	-42.7474	3.3215	-23.3932	301.1248
167.1199	-42.7619	3.265762	-23.3853	306.5381
167.6413	-42.8676	3.095254	-23.3278	323.2026
164.8804	-43.1665	3.016371	-23.1662	331.5329
163.8808	-43.2569	2.855537	-23.1178	351.1812
163	-43.5225	2.697121	-22.9767	370.7658
163	-43.7198	2.680824	-22.873	373.0326
162.7634	-43.856	2.459491	-22.8019	409.7121
160.8817	-44.0497	2.252102	-22.7021	444.0541
160.1179	-44.5719	2.111032	-22.4357	476.6638
160.7648	-44.5138	1.904068	-22.4653	525.3702
159	-44.9926	1.726022	-22.2259	583.6848
159	-45.0003	1.515396	-22.2221	660.8824
158.7661	-45.1218	1.352973	-22.1626	743.7096
156.7667	-45.5797	1.241944	-21.9396	805.1893
154.7673	-45.4659	1.113426	-21.9946	911.6411
153	-45.8014	0.871228	-21.8335	1165.194
153	-45.9909	0.757421	-21.7435	1320.289
153	-46.0911	0.631874	-21.6962	1652.427
152.6539	-46.0187	0.516784	-21.7304	1938.227
149.8849	-46.3424	0.484022	-21.5785	2096.097
149.1147	-46.3116	0.375914	-21.5929	2708.698
150	-46.436	0.309878	-21.5351	3233.893
150.1144	-46.5846	0.329763	-21.4664	3069.996
150.8859	-46.4287	0.202985	-21.5385	25863.19
150.1138	-46.6568	0.142994	-21.4331	28827.43

151.1134	-46.5102	0.150675	-21.5007	74498.72
152.1132	-46.3863	0.006521	-21.5581	153361
152.7737	-46.4619	-0.04745	-21.5231	76438.63
151.2257	-46.6651	-0.05967	-21.4296	-81201.7
152.8875	-46.2811	-0.03877	-21.6072	-91466.7
152	-46.6234	-0.0694	-21.4485	-14521.7
152	-46.5025	0.011384	-21.5042	-3396.77
152.1118	-46.4436	-0.05955	-21.5315	3555.77
153	-46.429	-0.0782	-21.5383	2706.723
153	-46.4502	0.020363	-21.5285	-1888.98
153	-46.5991	-0.06871	-21.4597	-14668.1
152.8894	-46.445	-0.07516	-21.5309	-13305.3
152.1105	-46.5578	-0.05446	-21.4787	-22142.8
153.1102	-46.4342	-0.05184	-21.5359	-23263.8
153.8901	-46.4922	-0.12254	-21.509	-9723.49
152.8904	-46.6081	-0.12863	-21.4555	-9262.82
151.7813	-46.5276	-0.00774	-21.4926	-203.593
150.1093	-46.6645	0.021733	-21.4296	-7301.97
151.218	-46.5735	0.027789	-21.4714	-12092.7
152.7827	-46.4466	0.05332	-21.5301	77477.59
151	-46.5702	0.027241	-21.473	90753.06
150.8919	-46.42	-0.00819	-21.5425	4251.015
150	-46.5948	0.084391	-21.4616	-5321.67
150.1077	-46.4631	0.14464	-21.5225	73699.03
151.1074	-46.3373	0.033311	-21.5809	89009.38
151.893	-46.3757	0.117653	-21.563	10955.49
150.8932	-46.3268	0.125263	-21.5858	10289.72
150	-46.2824	0.131383	-21.6065	10592.14
150.1064	-46.2668	0.141124	-21.6138	9860.775
151.2122	-46.1393	0.097	-21.6735	11815.77
153.2115	-46.1613	0.134987	-21.6632	7408.132
154.7891	-46.108	0.081177	-21.6883	27961.85
153	-46.3513	0.080857	-21.5744	30644.44
152.8949	-46.2512	0.066588	-21.6211	-11389.8
152	-46.4011	-0.02539	-21.5512	-41962.7
152.2089	-46.5437	0.033894	-21.4853	-23643.8
153.8958	-46.3067	0.047799	-21.5952	-69280.6
152.7917	-46.5032	0.014228	-21.5039	-74283.4
151	-46.6112	-0.06661	-21.4541	11706.75
151.1035	-46.7684	-0.16147	-21.382	-6389.6
152.1032	-46.636	-0.14668	-21.4427	-6903.08
152.897	-46.6482	-0.24279	-21.4371	-4654.07
152	-46.872	-0.28676	-21.3347	-3602.37
151.8974	-46.7165	-0.33548	-21.4058	-3329.95
151.1022	-46.8388	-0.35746	-21.3498	-3079.92
152	-46.7651	-0.3626	-21.3835	-3132.15
151.8983	-46.7734	-0.44992	-21.3797	-2257.85

150.8984	-46.8427	-0.46698	-21.3481	-2209.98
149.8987	-46.8107	-0.45892	-21.3627	-2306.92
149	-46.8726	-0.46379	-21.3345	-2329.64
148.8993	-46.7974	-0.57364	-21.3689	-1748.89
148.1004	-47.1346	-0.56022	-21.2159	-1788.13
149	-46.8985	-0.53355	-21.3227	-1895.78
148.9	-47.0287	-0.52449	-21.2636	-1928.54
147.9003	-47.1773	-0.58561	-21.1967	-1707.61
147	-47.2991	-0.53812	-21.1421	-1875.78
147.0991	-47.2005	-0.52971	-21.1863	-1905.57
148.198	-47.3427	-0.5337	-21.1226	-1895.25
150	-47.2466	-0.52013	-21.1656	-1941.53
150	-47.2342	-0.55907	-21.1711	-1790.73
149.9019	-47.1413	-0.52157	-21.2129	-1919.72
149.0978	-47.2919	-0.40389	-21.1454	-2669.04
150	-46.9549	-0.33475	-21.2971	-3055.24
150	-47.1775	-0.46207	-21.1965	-2226.99
150.0971	-47.1002	-0.39848	-21.2314	-3059.05
151	-46.9107	-0.22614	-21.3171	-4424.76
150.9035	-46.9003	-0.30419	-21.3219	-3511.16
150.0965	-46.8127	-0.31791	-21.3617	-3359.53
151.1922	-46.901	-0.23224	-21.3215	-4305.86
153	-46.7855	-0.27364	-21.3742	-3754.15
152.9045	-46.5766	-0.28169	-21.4701	-3646.81
151.9048	-46.7668	-0.31317	-21.3827	-3455.94
150.9048	-46.8036	-0.30874	-21.3659	-3756.58
150.2847	-46.9644	-0.35551	-21.2928	-3725.33
152.8108	-46.7051	-0.45555	-21.411	-2341.21
150.9057	-46.9246	-0.30815	-21.3108	-3272.71
149.812	-47.0491	-0.38346	-21.2544	-2856.42
148.0939	-46.9739	-0.48134	-21.2884	-2087.13
149	-47.0079	-0.39494	-21.273	-2584.94
149.0933	-46.954	-0.37083	-21.2975	-2728.95
150	-46.9938	-0.44581	-21.2794	-2255.44
149.8146	-47.0154	-0.55455	-21.2697	-1840.06
147.9074	-47.2163	-0.57407	-21.1791	-1772.7
147.0923	-47.1055	-0.49193	-21.229	-2032.83
148	-46.9816	-0.46203	-21.2849	-2175.55
148.0917	-47.0965	-0.46816	-21.233	-2157.08
149	-47.0777	-0.57084	-21.2415	-1768.8
149.0913	-47.0759	-0.58621	-21.2423	-1719.52
150	-47.0631	-0.53337	-21.2481	-1875
150.0907	-47.1187	-0.53855	-21.223	-1856.83
150.9096	-47.1247	-0.54275	-21.2204	-1842.62
150.0901	-47.353	-0.66922	-21.118	-1554.29
151	-47.1572	-0.72523	-21.2057	-1407.51
150.9103	-47.1019	-0.61247	-21.2306	-1632.74

149.9106	-47.1338	-0.63729	-21.2162	-1572.05
149.0891	-47.2661	-0.64289	-21.1568	-1558.34
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149.0885	-47.4213	-0.7101	-21.0877	-1408.3
150	-47.074	-0.69361	-21.2432	-1443.38
150	-47.2466	-0.75954	-21.1656	-1340.06
150	-47.263	-0.82315	-21.1582	-1220.38
150.0876	-47.4103	-0.74082	-21.0925	-1351.23
150.7384	-47.1849	-0.71464	-21.1933	-1399.3
148	-47.4054	-0.78848	-21.0946	-1281.88
148	-47.3008	-0.78511	-21.1413	-1297.82
148.0863	-47.3927	-0.73114	-21.1004	-1380.35
148.7411	-47.1635	-0.85624	-21.2029	-1172.12
146.0859	-47.3963	-0.8675	-21.0987	-1156.9
147	-47.3756	-0.80982	-21.1079	-1234.84
147	-47.381	-0.77773	-21.1055	-1288.55
146.915	-47.4357	-0.83791	-21.0812	-1214.45
146.085	-47.3963	-0.86634	-21.0987	-1172.94
147.0847	-47.363	-0.77091	-21.1136	-1298.86
148.0843	-47.2244	-0.77352	-21.1755	-1295.02
148.832	-47.2245	-0.83769	-21.1755	-1214.77
147.1674	-47.4301	-0.82039	-21.0837	-1269.05
149.1674	-47.3223	-0.74105	-21.1317	-1379.39
151	-47.2201	-0.74143	-21.1774	-1400.17
150.917	-47.1646	-0.66374	-21.2024	-1532.53
149.9173	-47.1802	-0.74464	-21.1953	-1343.86
149.0824	-47.1292	-0.69841	-21.2183	-1434.04
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151	-47.3294	-0.76414	-21.1285	-1314.69
150.9185	-47.1222	-0.68557	-21.2215	-1460.36
150	-47.3616	-0.64244	-21.1142	-1557.91
149.9188	-47.2534	-0.71106	-21.1625	-1434.45
149.0808	-47.3344	-0.73135	-21.1263	-1397.45
150	-47.3818	-0.75134	-21.1052	-1388.35
150	-47.4812	-0.85481	-21.061	-1181.06
149.8402	-47.3329	-0.78971	-21.127	-1268.25
147.9202	-47.6018	-0.78005	-21.0076	-1287.5
147	-47.5607	-0.83697	-21.0258	-1222.79
147	-47.5125	-0.88581	-21.0471	-1147
146.9211	-47.6455	-0.82868	-20.9884	-1216.59
146.0786	-47.81	-0.8894	-20.9162	-1125.45
146.8428	-47.4629	-0.90692	-21.0692	-1106.68
145.0783	-47.7437	-0.94514	-20.9452	-1058.95
146	-47.7789	-0.95973	-20.9297	-1044.98
146	-47.7789	-1.01576	-20.9297	-984.493

145.9226	-47.7809	-0.94474	-20.9289	-1065.61
144.9227	-47.7912	-0.95255	-20.9244	-1062.91
144.1538	-47.6439	-0.97984	-20.9891	-1033.3
146.1532	-47.717	-0.94977	-20.9569	-1065.36
147.9237	-47.7504	-0.99142	-20.9423	-1016.7
158.4011	-47.9785	-0.94739	-20.8427	-1060.09
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-99999	-99999	-0.96568	-99999	-1047.79
147	-47.8305	-1.02921	-20.9072	-975.56
147.2252	-47.9784	-0.95529	-20.8428	-1046.81
149.9252	-47.6833	-99999	-20.9717	-99999
148.9252	-47.7211	-0.89995	-20.9551	-1111.96
148	-47.8921	-0.87891	-20.8803	-1137.85
148	-47.6049	-0.88391	-21.0062	-1131.36
148	-47.6003	-0.85607	-21.0083	-1169.33
148.0735	-47.5588	-0.79768	-21.0266	-1255.58
149.1469	-47.7364	-0.66923	-20.9485	-1534.55
150.9268	-47.356	-0.6165	-21.1166	-1647.92
149.9271	-47.4448	-0.6218	-21.0771	-1650.02
149.0726	-47.5525	-0.46725	-21.0295	-2165.72
150	-47.1746	-0.33794	-21.1979	-3161.26
150	-47.0665	-0.28693	-21.2466	-3589.14
150	-47.1609	-0.20376	-21.2041	-24665.5
149.9285	-46.8723	-0.06224	-21.3346	-33929.9
149	-46.9361	-0.07609	-21.3056	-27754.5
149.0709	-46.7415	0.103921	-21.3943	-28724.4
150.0709	-46.5289	0.247283	-21.492	4075.248
151	-46.3274	0.297348	-21.5855	3644.471
151	-46.2667	0.464511	-21.6138	2213.322
151	-46.2483	0.52998	-21.6225	1892.542
151.0697	-45.9794	0.615	-21.749	1704.608
152.1393	-45.6515	0.771825	-21.9051	1295.63
154.1387	-45.5666	0.873063	-21.9459	1165.471
156.069	-45.5317	1.033235	-21.9628	968.6125
157	-45.3253	1.075796	-22.0628	929.6237
156.9316	-45.1414	1.162209	-22.1526	865.128
156.2051	-45.1204	1.328453	-22.163	755.2241
159.068	-44.7357	1.492533	-22.3535	672.2684
159.9323	-44.8405	1.603287	-22.3013	623.749
159	-44.6557	1.647405	-22.3935	607.3048
159	-44.5977	1.719744	-22.4227	581.7272
159	-44.6513	1.755472	-22.3958	569.6544
159.1335	-44.5164	1.865047	-22.4637	538.9554
161.1991	-44.3648	1.996456	-22.5404	500.9978
163.8018	-44.13	2.013172	-22.6604	497.154
161	-44.4279	2.110916	-22.5085	473.8487
161.0658	-44.1178	2.128525	-22.6666	469.8745

162	-44.161	2.095659	-22.6445	477.1787
162	-43.9215	2.126949	-22.7679	470.3409
162	-44.0894	2.229913	-22.6813	448.8
161.9354	-43.7807	2.314228	-22.8412	432.1237
160.9355	-43.9092	2.253469	-22.7743	444.4575
159.9358	-43.9145	2.277376	-22.7715	440.9348
159.1279	-43.9755	2.319544	-22.7399	433.0259
160.9365	-43.9222	2.244524	-22.7675	446.7789
160	-44.107	2.461907	-22.6722	406.7356
159.9368	-43.9832	2.478552	-22.736	404.1866
158.9371	-44.0535	2.382346	-22.6997	419.8203
158	-44.1156	2.468795	-22.6677	405.2947
158	-44.0679	2.52532	-22.6923	396.0057
158.1239	-44.309	2.492491	-22.5689	401.2223
159.938	-44.0686	2.407393	-22.692	415.8203
159.0616	-44.3695	2.396755	-22.5381	417.8603
160	-44.0723	2.494511	-22.6901	400.8927
160.1219	-44.4292	2.543128	-22.5078	393.5666
161.9393	-44.0563	2.567549	-22.6982	389.8232
161	-44.2446	2.415704	-22.6016	414.3434
160.9397	-44.1896	2.368698	-22.6298	422.3305
160	-44.3112	2.447884	-22.5677	408.576
160.0597	-44.1876	2.418483	-22.6308	413.8908
160.9406	-44.2569	2.290377	-22.5953	436.7881
160	-44.3989	2.286647	-22.5231	437.6157
160.0591	-44.5681	2.320243	-22.4377	431.1381
160.8825	-44.2768	2.230428	-22.5853	448.5381
159.0584	-44.719	2.190143	-22.3619	456.6175
160	-44.5881	2.234804	-22.4275	447.5442
160.0581	-44.584	2.205488	-22.4296	453.9553
161	-44.5282	2.066375	-22.4577	484.3348
160.8277	-44.7242	2.08578	-22.3593	480.6337
157.9429	-44.8519	2.135358	-22.2956	469.1129
157	-44.6188	2.045625	-22.4121	488.881
157.0568	-44.8696	2.047357	-22.2868	488.4888
157.9435	-44.7967	1.952822	-22.3231	512.9929
157	-44.7237	1.93553	-22.3595	517.8627
156.9441	-44.4826	2.061596	-22.4808	485.0943
156.0556	-44.741	2.02781	-22.3509	493.6406
157	-44.6751	1.962279	-22.3838	509.6317
157.0552	-44.7238	1.886686	-22.3595	531.78
158	-44.4701	1.864281	-22.487	538.7501
157.9454	-44.6096	1.987199	-22.4167	503.3341
157.1085	-44.7803	1.86231	-22.3314	538.7645
159	-44.3411	1.77546	-22.5525	563.6305
159.0539	-44.6671	1.856526	-22.3878	538.7762
160	-44.7769	1.866888	-22.333	535.7857

159.9467	-44.592	1.797257	-22.4256	556.6962
158.947	-44.6641	1.690261	-22.3893	592.6346
157.9471	-44.7476	1.680499	-22.3476	596.6268
157.1053	-44.9964	1.681193	-22.224	598.0946
159	-44.7973	1.519273	-22.3228	658.3051
158.948	-44.8675	1.497484	-22.2878	667.7868
158	-45.0001	1.464328	-22.2222	683.4125
157.9483	-45.0108	1.480471	-22.2169	677.21
157	-45.2138	1.444182	-22.1172	700.51
157.1022	-45.3312	1.262183	-22.0599	792.2781
158.9492	-45.1966	1.286242	-22.1256	777.8455
157.8484	-45.3375	1.272728	-22.0568	787.3492
155.0504	-45.4871	1.148321	-21.9843	873.8344
155.95	-45.4217	1.115827	-22.0159	898.4799
155	-45.557	1.160411	-21.9505	862.2799
154.9506	-45.5641	1.054687	-21.9471	954.7248
154	-45.697	0.998924	-21.8833	1004.321
154	-45.631	0.980023	-21.9149	1032.877
153.9512	-45.5784	0.900753	-21.9403	1114.602
152.9515	-45.7887	0.993748	-21.8395	1007.13
152.0482	-45.9825	0.964206	-21.7474	1044.045
153	-45.8476	0.806732	-21.8114	1251.569
152.9522	-45.9077	0.737159	-21.7829	1358.597
152.0951	-45.85	0.812268	-21.8103	1235.479
153.9055	-45.717	0.759442	-21.8738	1362.756
152.0469	-46.0485	0.627378	-21.7163	1599.346
153.1399	-45.9023	0.61779	-21.7854	1637.777
156	-45.7476	0.521763	-21.8591	1919.63
155.9075	-45.8842	0.537418	-21.794	1875.881
154	-46.1505	0.537262	-21.6682	1897.266
154.0912	-46.02	0.404004	-21.7297	2526.03
155.9093	-45.8869	0.256041	-21.7928	4704.527
153.9547	-46.2332	0.184039	-21.6295	5920.586
153.0449	-46.4836	0.200253	-21.513	5612.112
153.9107	-46.2922	0.107178	-21.6019	9743.752
151.9557	-46.4604	-0.00463	-21.5238	4235.009
151.044	-46.7827	-0.15405	-21.3754	-6691.08
151.956	-46.7798	-0.13719	-21.3768	-9593.33
151	-47.1001	-0.17221	-21.2314	-10682.3
151	-47.0946	-0.33795	-21.2339	-2959.67
150.9138	-46.9922	-0.3667	-21.2802	-2741.86
149	-47.3913	-0.48558	-21.1009	-2150.75
149	-47.3392	-0.56779	-21.1242	-1778.21
148.9577	-47.5227	-0.54256	-21.0426	-1858.4
147.958	-47.6059	-0.66729	-21.0058	-1518.25
146.9165	-47.6307	-0.74298	-20.9949	-1347.27
151.0499	-47.6767	-0.73366	-20.9746	-1364.38

285.0348	-47.6635	-0.84526	-20.9804	-1199.63
147	-47.6287	-0.8766	-20.9957	-1161.34
146.9592	-47.6323	-0.82657	-20.9942	-1229.98
145.9595	-47.7195	-0.96344	-20.9558	-1037.98
144.9598	-47.8076	-0.96951	-20.9172	-1031.45
144.0402	-47.8919	-0.98914	-20.8804	-1011.57
145.0798	-47.8701	-0.95146	-20.8899	-1059.23
147.0395	-47.9324	-0.95747	-20.8627	-1063.27
147.9608	-47.7427	-1.12046	-20.9457	-892.497
147.0389	-48.056	-1.08697	-20.8091	-921.624
147.9222	-47.8603	-1.05317	-20.8942	-950.132
146.0386	-48.0277	-1.10802	-20.8213	-903.037
147	-48.0002	-1.16271	-20.8333	-860.514
147	-47.9477	-1.14966	-20.8561	-871.969
147	-48.1256	-1.08262	-20.779	-923.695
147	-48.121	-1.14935	-20.781	-873.947
147	-48.0094	-1.22542	-20.8293	-816.37
147.0369	-48.1836	-1.19556	-20.7539	-836.426
148	-48.1013	-1.15218	-20.7895	-869.835
148	-48.16	-1.15113	-20.7641	-872.821
147.9637	-48.1543	-1.23049	-20.7666	-812.999
147	-48.0048	-1.22216	-20.8313	-818.602
147.0357	-48.0632	-1.25485	-20.8059	-796.911
148	-48.0358	-1.18815	-20.8178	-845.845
147.9298	-47.9785	-1.19208	-20.8427	-848.657
145.9649	-48.0297	-1.27214	-20.8205	-791.294
145	-48.0509	-1.12502	-20.8113	-889.373
145	-47.9343	-1.17211	-20.8619	-859.096
145.0341	-48.0501	-1.20801	-20.8116	-834.737
145.9662	-47.9135	-1.11573	-20.871	-898.148
145.0338	-48.1704	-1.2232	-20.7597	-819.102
145.9666	-47.903	-1.24894	-20.8755	-802.068
144.9669	-47.8743	-1.1003	-20.8881	-917.604
144	-48.078	-1.05417	-20.7996	-957.76
144	-47.9664	-1.16103	-20.848	-861.882
144.0975	-48.2548	-1.18738	-20.7234	-845.825
146.9678	-47.8293	-1.24193	-20.9077	-806.777
146	-48.2102	-1.1132	-20.7425	-902.643
146.0315	-48.0821	-1.14831	-20.7978	-887.407
147.0312	-47.8215	-1.22519	-20.9111	-830.376
148	-47.9786	-1.15582	-20.8426	-880.205
148	-48.0342	-1.26605	-20.8185	-795.502
147.9694	-47.9197	-1.11846	-20.8682	-894.408
147.0303	-48.0559	-1.11332	-20.8091	-898.721
147.97	-47.7998	-1.18687	-20.9206	-844.052
147.06	-48.0516	-1.2075	-20.811	-829.8
148.9703	-47.6497	-1.14097	-20.9865	-876.451

147.9706	-47.8561	-1.14097	-20.896	-876.451
147.0289	-47.9364	-1.10071	-20.861	-910.457
148.0286	-47.7927	-1.09893	-20.9237	-914.333
149	-47.8321	-1.2148	-20.9065	-823.506
149.0283	-47.9452	-1.20468	-20.8572	-831.603
149.944	-47.7459	-1.16416	-20.9442	-859.523
147.9446	-47.8549	-1.16086	-20.8965	-863.071
146	-47.9025	-1.11884	-20.8757	-894.278
145.9726	-47.8509	-1.16884	-20.8983	-855.827
145.0542	-48.1699	-1.19147	-20.7599	-839.314
146.9464	-47.8229	-1.24706	-20.9105	-804.962
145	-48.0519	-1.28346	-20.8108	-782.132
144.9739	-47.9291	-1.24865	-20.8642	-804.09
144	-47.8979	-1.3269	-20.8778	-754.001
144.0516	-48.0775	-1.24767	-20.7998	-803.028
146	-47.9026	-1.24013	-20.8757	-809.355
146	-47.8417	-1.31701	-20.9023	-759.57
146	-47.837	-1.32984	-20.9044	-753.275
146	-47.6606	-1.37933	-20.9817	-725.267
146.0735	-47.9571	-1.34551	-20.852	-743.215
149	-47.5859	-1.28179	-21.0146	-783.363
148.9284	-47.7719	-1.20283	-20.9328	-831.863
146.0705	-47.9561	-1.30466	-20.8525	-769.421
148.9765	-47.5226	-1.30802	-21.0426	-772.193
148	-47.6659	-1.18235	-20.9794	-847.007
148	-47.6106	-1.28375	-21.0037	-780.391
148.0226	-47.8488	-1.3124	-20.8992	-763.233
149	-47.6435	-1.22414	-20.9892	-817.292
149	-47.6462	-1.19232	-20.988	-838.708
148.978	-47.7703	-1.29747	-20.9335	-778.146
148	-47.9165	-1.38142	-20.8696	-728.114
148.0214	-47.9761	-1.21052	-20.8437	-827.552
148.9579	-47.9561	-1.26694	-20.8524	-800.391
150.063	-48.1846	-1.40225	-20.7535	-715.348
289.9515	-48.0821	-1.38619	-20.7978	-725.38
145	-48.3034	-1.49793	-20.7025	-667.818
145.02	-48.3016	-1.46113	-20.7033	-684.401
145.9803	-48.2171	-1.55984	-20.7396	-645.333
145	-48.3625	-1.72468	-20.6772	-579.817
144.9806	-48.2434	-1.62391	-20.7282	-619.868
144	-48.3304	-1.49885	-20.6909	-667.942
144.0188	-48.2655	-1.60451	-20.7187	-623.875
145	-48.0587	-1.60836	-20.8079	-623.31
145	-48.2394	-1.56761	-20.73	-639.472
144.9638	-48.1231	-1.68869	-20.7801	-592.32
143.0178	-48.4186	-1.62168	-20.6532	-620.78
144.0175	-48.2057	-1.4953	-20.7444	-669.541

145.0172	-48.1182	-1.6421	-20.7822	-611.343
146.0172	-48.1541	-1.71431	-20.7667	-584.585
147	-48.2469	-1.59369	-20.7267	-627.632
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145.0163	-48.2989	-1.52645	-20.7044	-661.77
146	-48.0346	-1.62856	-20.8183	-618.078
146.0159	-48.3934	-1.56101	-20.664	-644.706
147	-48.1275	-1.64407	-20.7781	-610.773
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146.9702	-48.065	-1.62123	-20.8052	-616.815
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147.986	-48.04	-1.54332	-20.816	-648.102
147	-48.186	-1.45531	-20.7529	-689.012
147.0134	-48.122	-1.43747	-20.7805	-699.091
148	-47.856	-1.53003	-20.896	-654.357
148	-48.0364	-1.44233	-20.8176	-693.551
147.9873	-47.9131	-1.4084	-20.8711	-710.027
146.9876	-47.7552	-1.38976	-20.9401	-719.769
145.9759	-47.8446	-1.39711	-20.901	-716.675
144.0241	-48.0777	-1.40024	-20.7997	-716.632
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146.0114	-47.9011	-1.32328	-20.8764	-756.065
146.9779	-47.6327	-1.26687	-20.994	-789.644
145.0108	-47.9891	-1.29641	-20.8381	-774.208
146	-47.6542	-1.32062	-20.9845	-762.16
146.0105	-47.778	-1.20353	-20.9301	-831.221
147.0101	-47.6919	-1.21455	-20.9679	-823.755
148	-47.7302	-1.22057	-20.9511	-820.828
148.0095	-47.7891	-1.2718	-20.9253	-786.576
148.9905	-47.5205	-1.18328	-21.0436	-848.571
148.0092	-47.6648	-1.1064	-20.9798	-904.339
149	-47.3956	-1.14097	-21.099	-876.451
149	-47.5819	-1.17935	-21.0164	-849.434
149	-47.6409	-1.16633	-20.9904	-864.495
149	-47.3311	-1.09173	-21.1278	-920.643
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149.9934	-47.3732	-1.1462	-21.109	-876.447
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149	-47.457	-1.11917	-21.0717	-900.291
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148.984	-47.3957	-1.24174	-21.099	-808.497
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146.996	-47.7542	-1.3779	-20.9406	-725.974
145.9925	-47.78	-1.42507	-20.9292	-705.412
144.0069	-48.0811	-1.46644	-20.7982	-687.57
146	-47.7793	-1.37187	-20.9296	-732.797
146.0031	-47.9039	-1.5053	-20.8751	-664.322
146.9945	-47.8173	-1.50437	-20.9129	-664.732
145.0073	-48.1165	-1.54617	-20.7829	-647.494
147.9979	-47.6679	-1.59725	-20.9785	-626.229
147.0018	-47.9408	-1.48515	-20.8591	-676.872
148.0018	-47.9764	-1.46381	-20.8436	-690.653
148.9986	-47.8288	-1.59548	-20.9079	-629.48
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147	-47.8787	-1.5851	-20.8861	-631.556
148	-47.6673	-1.47751	-20.9787	-677.666
148	-47.9767	-1.48407	-20.8435	-676.83
149	-47.7054	-1.56114	-20.962	-642.151
148	-47.8535	-1.47959	-20.8971	-676.094
148	-47.6673	-1.51644	-20.9787	-659.439
148	-47.7916	-1.47765	-20.9242	-677.601
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147.0062	-47.878	-1.59893	-20.8864	-628.07
147	-47.6292	-1.44454	-20.9955	-692.456
147	-47.5659	-1.48603	-21.0235	-675.812
147	-47.8158	-1.61765	-20.9136	-618.18
146.003	-47.6533	-1.59644	-20.9849	-626.565
146	-47.5897	-1.56239	-21.013	-640.045
146	-47.7155	-1.58176	-20.9575	-632.344
146	-47.716	-1.59367	-20.9574	-627.654
146	-47.6531	-1.59735	-20.985	-626.703
146	-47.8409	-1.59102	-20.9026	-631.316
146.9954	-47.567	-1.50904	-21.023	-664.367
146.0046	-47.9647	-1.67146	-20.8487	-599.562
146.9951	-47.6928	-1.70054	-20.9675	-590.308
147	-47.9394	-1.60001	-20.8597	-625.649
148.989	-47.768	-1.6704	-20.9345	-598.66
149	-47.7671	-1.74694	-20.9349	-574.371
147.0119	-48.0624	-1.84958	-20.8063	-541.066
291.0929	-47.9981	-1.78208	-20.8342	-561.143
148.9448	-47.793	-1.7815	-20.9236	-561.325

148	-47.7916	-1.78914	-20.9242	-558.952
148	-48.0362	-1.79637	-20.8176	-556.703
148	-48.038	-1.78045	-20.8169	-561.656
148	-48.038	-1.85566	-20.8169	-540.47
147.0078	-47.9415	-1.91934	-20.8588	-522.514
147.9919	-47.9764	-1.85665	-20.8436	-540.156
148.9916	-47.9513	-1.95616	-20.8545	-511.562
149	-48.0116	-1.9056	-20.8283	-524.865
148.0088	-47.977	-1.94104	-20.8433	-515.189
147.0091	-47.941	-1.95998	-20.859	-510.294
146.0094	-47.9663	-1.97551	-20.848	-506.283
146	-47.9048	-1.92179	-20.8747	-520.443
290.585	-47.9351	-1.88619	-20.8615	-530.17
146.4803	-48.0541	-1.94197	-20.8099	-515.731
145	-48.0553	-2.05631	-20.8094	-486.328
145	-47.9314	-2.02665	-20.8632	-493.934
145	-47.9921	-1.93883	-20.8368	-515.776
145.9889	-47.9052	-1.97651	-20.8746	-506.28
146	-47.9042	-2.06576	-20.875	-484.159
145.0117	-48.0535	-2.08218	-20.8101	-480.341
143.024	-48.1709	-2.12191	-20.7594	-472.346
144.9754	-47.933	-2.14985	-20.8625	-467.668
145.9877	-48.1498	-2.03334	-20.7685	-493.727
147.9748	-48.0394	-2.22918	-20.8163	-448.653
147.0129	-48.0638	-2.18849	-20.8057	-457.987
146.0132	-48.2121	-2.10202	-20.7417	-476.336
146	-48.1533	-2.20613	-20.767	-453.282
147.973	-47.9184	-2.24396	-20.8688	-445.868
147.014	-48.3033	-2.2958	-20.7025	-435.631
147.9857	-48.1021	-2.2054	-20.7891	-453.993
146.0291	-48.3332	-2.20977	-20.6897	-454.569
146	-48.1552	-2.36269	-20.7662	-423.69
146	-48.1525	-2.24062	-20.7674	-446.36
146.9848	-48.0655	-2.29927	-20.8049	-436.216
147	-48.3648	-2.40144	-20.6762	-417.187
147.9842	-48.1033	-2.24236	-20.7886	-446.018
148	-48.0991	-2.29731	-20.7904	-436.54
147.0161	-48.1855	-2.39727	-20.7532	-417.896
147	-48.1869	-2.25844	-20.7525	-442.784
146.0168	-48.3342	-2.277	-20.6893	-439.23
146.9829	-47.9475	-2.38543	-20.8562	-419.943
145.0348	-48.2364	-2.41598	-20.7313	-415.607
145	-48.1808	-2.31675	-20.7552	-433.436
144.0177	-48.2679	-2.45542	-20.7177	-407.968
144.982	-48.1203	-2.37122	-20.7813	-422.157
145	-48.1176	-2.42305	-20.7824	-413.118
144.0186	-48.2056	-2.35407	-20.7445	-424.992

144	-48.1459	-2.42457	-20.7702	-412.444
144	-48.2672	-2.44365	-20.718	-409.273
144.9806	-48.0594	-2.53624	-20.8076	-394.646
145	-48.3588	-2.60662	-20.6788	-383.794
291.0218	-48.0702	-2.4786	-20.8029	-403.853
149.9391	-48.0642	-2.46137	-20.8055	-407.306
147	-48.0642	-2.5993	-20.8055	-384.876
146.0206	-48.211	-2.56267	-20.7422	-390.367
146	-48.0326	-2.63309	-20.8192	-379.781
147.9576	-47.9778	-2.59748	-20.843	-385.132
147.0212	-48.1225	-2.54693	-20.7803	-392.672
147	-48.0052	-2.58171	-20.8311	-387.341
146.0219	-48.1492	-2.54194	-20.7688	-393.552
146.9778	-47.9454	-2.50908	-20.8571	-398.716
147.9775	-47.9759	-2.54503	-20.8438	-393.075
149.9548	-48.0454	-2.493	-20.8137	-401.163
149.0229	-47.8935	-2.54462	-20.8797	-393.018
147.0464	-48.18	-2.60985	-20.7555	-383.279
147	-48.1869	-2.62279	-20.7525	-381.564
147	-48.0671	-2.52311	-20.8043	-396.336
147.9762	-47.9787	-2.59644	-20.8426	-385.704
146.0482	-48.088	-2.70249	-20.7952	-370.154
145.0245	-48.3582	-2.6144	-20.679	-382.536
145	-48.002	-2.52535	-20.8325	-396.325
145	-48.175	-2.49409	-20.7577	-401.592
145.9749	-48.093	-2.67479	-20.7931	-374.009
145.0254	-48.298	-2.65932	-20.7048	-376.948
145	-48.1224	-2.53094	-20.7804	-395.449
144.026	-48.2656	-2.61908	-20.7187	-381.848
144	-48.2695	-2.60277	-20.717	-384.246
144.9737	-48.1821	-2.60491	-20.7546	-384.035
145.9734	-48.0328	-2.534	-20.8191	-394.634
145.0269	-48.3559	-2.58705	-20.68	-386.86
145.9726	-48.0982	-2.65694	-20.7908	-376.517
145.0277	-48.3573	-2.60148	-20.6794	-384.432
146.9446	-48.0725	-2.63672	-20.8019	-379.259
147	-48.1834	-2.63672	-20.754	-379.259
147	-48.1274	-2.63552	-20.7782	-379.433
146.0286	-48.2116	-2.59728	-20.7419	-385.168
146	-48.2141	-2.57815	-20.7408	-388.201
146	-48.2141	-2.70407	-20.7408	-369.849
146.9708	-48.1877	-2.67113	-20.7522	-374.92
146.0295	-48.3323	-2.59863	-20.6901	-385.38
146	-48.2178	-2.7404	-20.7393	-364.91
146.9698	-48.1283	-2.70309	-20.7778	-370.07
146.0302	-48.271	-2.59846	-20.7164	-384.985
146.9695	-48.2488	-2.57982	-20.7259	-387.936

147.9692	-48.1627	-2.72118	-20.763	-367.616
147.0311	-48.363	-2.72281	-20.677	-367.797
147.9686	-48.1076	-2.62863	-20.7868	-380.717
146.0629	-48.3883	-2.71633	-20.6662	-368.174
145.0318	-48.0662	-2.68151	-20.8047	-372.924
145	-48.2357	-2.68279	-20.7316	-372.747
145	-48.4203	-2.72407	-20.6525	-367.247
145	-48.1277	-2.78467	-20.7781	-359.143
144.0328	-48.2645	-2.72756	-20.7192	-366.664
143.0331	-48.4774	-2.67335	-20.6282	-374.09
143.9666	-48.2165	-2.67633	-20.7398	-373.783
144.9663	-48.3001	-2.73315	-20.7039	-365.909
145.966	-48.2171	-2.76807	-20.7395	-361.737
145.034	-48.3598	-2.80661	-20.6783	-357.435
145	-48.2459	-2.63531	-20.7272	-379.755
145	-48.4789	-2.77739	-20.6275	-360.172
146.9301	-48.3151	-2.81703	-20.6975	-355.094
147	-48.2501	-2.67528	-20.7254	-374.355
147	-48.3067	-2.62965	-20.7011	-381.419
146.0357	-48.2767	-2.82458	-20.7139	-354.062
145.036	-48.4209	-2.73771	-20.6523	-365.548
145.9637	-48.2218	-2.68281	-20.7375	-373.045
146	-48.4496	-2.76022	-20.64	-362.405
146.9634	-48.1968	-2.7063	-20.7483	-369.539
146.0369	-48.2722	-2.80905	-20.7159	-356.41
146	-48.3344	-2.8815	-20.6892	-347.466
146	-48.3954	-2.7558	-20.6631	-362.905
146.9622	-48.2536	-2.74223	-20.7238	-364.948
147.9621	-48.3381	-2.71843	-20.6876	-368.599
147.0382	-48.4267	-2.86329	-20.6498	-349.361
283.5293	-48.4107	-2.75359	-20.6566	-363.295
150.5917	-48.3075	-2.69555	-20.7007	-371.016
145	-48.3034	-2.7459	-20.7025	-364.196
145.9608	-48.2766	-2.78088	-20.714	-359.606
145.0394	-48.4203	-2.79874	-20.6525	-357.304
145	-48.1895	-2.79726	-20.7514	-357.493
144.0401	-48.3849	-2.82912	-20.6676	-353.581
144.9596	-48.2478	-2.8363	-20.7264	-353.005
145	-48.2416	-2.74533	-20.729	-364.528
144.0408	-48.5055	-2.82109	-20.6163	-354.592
144.9589	-48.2529	-2.74612	-20.7242	-364.15
144.0414	-48.3279	-2.81468	-20.692	-355.72
144	-48.45	-2.89277	-20.6398	-346.116
144.9583	-48.2506	-2.76434	-20.7252	-361.783
145.958	-48.3327	-2.76844	-20.6899	-361.34
146.9577	-48.3681	-2.77841	-20.6748	-360.62
147	-48.3114	-2.92476	-20.699	-342.025

146.043	-48.4521	-2.79401	-20.6389	-358.184
146	-48.2834	-2.73215	-20.7111	-366.278
146	-48.3924	-2.80852	-20.6644	-356.166
146.9564	-48.3127	-2.75544	-20.6985	-362.951
147	-48.2506	-2.82703	-20.7251	-353.83
146.0443	-48.3911	-2.88028	-20.665	-347.218
145.0443	-48.425	-2.82502	-20.6505	-354.005
145.9554	-48.399	-2.8238	-20.6616	-354.245
146.9551	-48.3708	-2.83245	-20.6736	-353.478
146.0452	-48.4545	-2.75511	-20.6379	-363.4
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146	-48.2783	-2.89968	-20.7132	-345.098
145.0462	-48.5358	-2.80733	-20.6034	-356.241
145.9535	-48.4047	-2.82991	-20.6591	-353.395
145.0468	-48.3665	-2.79411	-20.6755	-357.895
145	-48.3063	-2.76009	-20.7013	-362.429
143.0943	-48.3575	-2.73724	-20.6793	-365.614
142.0475	-48.328	-2.83481	-20.692	-352.784
144.8567	-48.2457	-2.80168	-20.7273	-356.929
145	-48.4174	-2.79294	-20.6537	-358.069
144.0481	-48.3951	-2.75524	-20.6633	-362.946
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145.9017	-48.2813	-2.82333	-20.712	-354.3
146.9506	-48.4224	-2.71628	-20.6516	-368.282
147	-48.3148	-2.6881	-20.6976	-372.266
146.0497	-48.3933	-2.84076	-20.664	-352.226
146	-48.3398	-2.91259	-20.6869	-343.43
145.0504	-48.5378	-2.79306	-20.6025	-358.274
146.8987	-48.2632	-2.73518	-20.7198	-365.872
145.1013	-48.4753	-2.83014	-20.6291	-353.366
145.949	-48.4023	-2.85823	-20.6602	-350.251
146	-48.3398	-2.92155	-20.6869	-342.883
146	-48.2787	-2.79005	-20.7131	-358.653
146.948	-48.2494	-2.88222	-20.7257	-346.979
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147	-48.3759	-2.79271	-20.6715	-358.076
147	-48.2543	-2.85295	-20.7235	-350.895
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143.9455	-48.2711	-2.8543	-20.7163	-351.287
144	-48.4451	-2.73931	-20.642	-366.171

144.9452	-48.3117	-2.90495	-20.6989	-344.68
144.0551	-48.3885	-2.73306	-20.6661	-365.924
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143.1117	-48.4054	-2.81622	-20.6589	-355.117
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144	-48.3386	-2.72442	-20.6874	-367.757
145.8865	-48.394	-2.84345	-20.6637	-352.126
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145.1142	-48.4668	-2.7677	-20.6327	-361.452
146.8853	-48.2041	-2.6854	-20.7452	-372.384
147	-48.416	-2.70245	-20.6544	-370.069
147	-48.3159	-2.74052	-20.6972	-364.894
147	-48.1363	-2.73628	-20.7744	-365.459
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146.9411	-48.2029	-2.80264	-20.7457	-357.819
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146.94	-48.2995	-2.66191	-20.7042	-375.799
147.9397	-48.283	-2.65895	-20.7113	-376.89
147.0606	-48.421	-2.58487	-20.6522	-388.414
147.9391	-48.2903	-2.77693	-20.7081	-360.58
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145	-48.3034	-2.58099	-20.7025	-387.732
145.9382	-48.2196	-2.57171	-20.7385	-390.077
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143.9371	-48.1583	-2.57268	-20.7649	-389.959
144	-48.3778	-2.74025	-20.6707	-365.405
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144.127	-48.4897	-2.643	-20.6231	-378.358
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147.8055	-48.1243	-2.62113	-20.7796	-381.547
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146.9339	-48.1436	-2.65741	-20.7712	-376.439
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146.9333	-48.0864	-2.53497	-20.796	-395.04

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148	-48.269	-2.60149	-20.7172	-384.535
148	-48.1114	-2.50895	-20.7851	-398.613
147.0679	-48.2946	-2.51552	-20.7063	-397.84
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146	-48.2628	-2.58459	-20.7199	-387.201
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145	-48.1262	-2.48778	-20.7787	-403.414
145	-48.0596	-2.33938	-20.8075	-428.584
145	-48.171	-2.50013	-20.7594	-400.131
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146	-48.201	-2.40201	-20.7465	-416.484
146	-48.0995	-2.4464	-20.7903	-408.933
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145	-48.1664	-2.34537	-20.7614	-426.555
147.7858	-47.9341	-2.39204	-20.862	-418.221
147.0717	-48.1674	-2.36371	-20.761	-423.452
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146.145	-48.078	-2.29737	-20.7996	-435.329
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147.8538	-48.0418	-2.28249	-20.8152	-438.311
148	-47.867	-2.20776	-20.8912	-452.948
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147	-48.0116	-2.16034	-20.8283	-463.419
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149	-47.8378	-2.11715	-20.904	-474.716
148.0749	-47.9656	-1.96296	-20.8483	-511.227
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151	-47.2729	-0.98653	-21.1538	-1038.04
151.9208	-46.9229	-0.77968	-21.3117	-1284.21
152	-46.9495	-0.6931	-21.2995	-1662.96
152	-46.7217	-0.38289	-21.4034	-2644.91
152	-46.5841	-0.3524	-21.4666	-4791.47
153.8397	-46.4257	-0.08383	-21.5398	-11981.8
153.0804	-46.3687	0.016141	-21.5663	-8478
153.9191	-45.9947	0.275325	-21.7418	3694.218
154	-45.9023	0.416065	-21.7854	2591.395
155.8371	-45.6347	0.713505	-21.9132	1453.234
157.837	-45.4122	0.967386	-22.0206	1034.447
158	-45.1538	1.004207	-22.1466	995.881
159.8358	-44.8159	1.087048	-22.3136	936.6954
160	-44.7267	1.343451	-22.358	744.3868
160.9173	-44.4724	1.427582	-22.4859	704.4783
161	-44.3887	1.623924	-22.5283	615.9508
161.917	-44.0721	1.666311	-22.6902	600.1281
161.0833	-44.1077	1.741347	-22.6718	576.8878
160.0836	-44.2401	1.89519	-22.6039	528.371
160	-43.9387	1.833296	-22.7591	546.4532
160	-44.0358	1.995193	-22.7088	501.5554
160.9158	-44.0457	2.105574	-22.7037	475.0858
161	-44.1698	2.134747	-22.6399	468.7469
160.0848	-43.9959	2.040231	-22.7294	490.1557
159.0851	-44.2312	1.989123	-22.6086	503.1045
159	-44.1294	1.958913	-22.6606	511.5515
159.9146	-44.2402	2.048302	-22.6039	489.3447
160	-44.3136	1.865391	-22.5665	536.3696
160	-44.3811	1.815351	-22.5321	551.0253
159.0865	-44.5139	1.851045	-22.4649	540.3481
159.9135	-44.4604	1.791536	-22.4919	558.304
160.9132	-44.5113	1.780848	-22.4662	562.0135
161	-44.6982	1.818746	-22.3723	550.927
160.0874	-44.5993	1.666944	-22.4219	600.191
160.9123	-44.523	1.617499	-22.4603	618.2989
159.1755	-44.8301	1.624027	-22.3066	616.001
159	-44.7996	1.523602	-22.3216	658.1626
159	-44.733	1.385671	-22.3549	721.7769
159.9112	-44.9622	1.374326	-22.241	727.8855
160	-44.7448	1.375027	-22.349	729.1833
158.1783	-45.0356	1.19421	-22.2048	845.5428
158	-45.1265	1.016114	-22.16	984.2066
158	-45.1324	1.019195	-22.1571	981.457
158.91	-45.1844	0.975021	-22.1316	1026.352
157.1806	-45.4446	0.932781	-22.0049	1072.063
157	-45.3507	0.85553	-22.0504	1200.247
155.1813	-45.597	0.650526	-21.9313	1537.409

155	-45.503	0.636159	-21.9766	1579.914
155	-45.5509	0.568666	-21.9535	1758.777
155	-45.8539	0.496043	-21.8085	2269.732
152.2752	-45.7996	0.30813	-21.8343	3385.731
152	-46.0905	0.346998	-21.6966	3669.633
152.9077	-45.8101	0.179994	-21.8294	6214.592
152.0926	-46.0891	0.217801	-21.6972	43503.12
152.9071	-46.2252	0.021836	-21.6332	116572.9
153	-46.1772	-0.00913	-21.6557	10209.99
152.0932	-46.4199	-0.18562	-21.5426	-5728.12
152.9065	-46.314	-0.16162	-21.5917	-7096
153	-46.5327	-0.22034	-21.4903	-6872.98
153.9057	-46.4839	-0.14984	-21.5128	-12341.9
154	-46.4763	-0.3925	-21.5163	-2548.07
152.1892	-46.7377	-0.44403	-21.3961	-2305.63
152	-46.592	-0.56614	-21.4629	-1766.34
151.0952	-46.7058	-0.56374	-21.4107	-1773.97
151	-46.835	-0.56938	-21.3516	-1758.5
153.7134	-46.5691	-0.63079	-21.4735	-1592.95
152.1916	-46.8578	-0.73572	-21.3413	-1364.86
152	-46.8915	-0.82139	-21.3258	-1217.52
151.0964	-47.0231	-0.78899	-21.2662	-1279.45
151.9033	-46.9056	-0.72359	-21.3194	-1402.55
152.9032	-46.8744	-0.90694	-21.3336	-1105.22
152.097	-47.0597	-1.01146	-21.2496	-990.806
152	-47.1923	-1.03824	-21.1899	-971.27
151.0977	-47.1103	-0.92809	-21.2268	-1083.01
149.1959	-47.2516	-1.07203	-21.1633	-934.573
149	-47.211	-1.12199	-21.1815	-893.163
148.0983	-47.3956	-1.11917	-21.099	-905.539
148	-47.3595	-1.2794	-21.1151	-789.136
148	-47.4102	-1.12198	-21.0925	-894.559
146.1987	-47.6862	-1.22574	-20.9705	-816.162
146	-47.6591	-1.25538	-20.9824	-803.072
146.9004	-47.8002	-1.39798	-20.9204	-719.034
147.9001	-47.5697	-1.27701	-21.0219	-785.351
146.2005	-47.924	-1.38432	-20.8665	-722.536
146	-47.9105	-1.40551	-20.8723	-714.465
145.1006	-47.8709	-1.53605	-20.8895	-651.675
147.6974	-47.8549	-1.44107	-20.8965	-694.126
148.8988	-47.8863	-1.44129	-20.8828	-695.341
149	-47.8348	-1.51952	-20.9053	-659.395
147.2035	-48.0954	-1.47785	-20.7921	-680.625
147	-47.9039	-1.66349	-20.8752	-601.266
147.8978	-47.7448	-1.56834	-20.9447	-640.09
148.8975	-47.8185	-1.46249	-20.9124	-686.299
149	-47.8836	-1.59148	-20.884	-628.89

149	-47.6689	-1.48726	-20.9781	-672.991
148.1032	-47.6649	-1.4803	-20.9798	-679.361
148	-47.6114	-1.62222	-21.0034	-618.648
148	-47.7723	-1.46158	-20.9327	-684.192
149.7919	-47.527	-1.44496	-21.0408	-692.251
150	-47.607	-1.39159	-21.0053	-718.787
150	-47.675	-1.35521	-20.9753	-737.896
150	-47.6264	-1.33197	-20.9968	-751.667
150	-47.5092	-1.26858	-21.0486	-788.547
148.2109	-47.705	-1.29504	-20.9622	-772.437
148.8943	-47.7631	-1.22729	-20.9367	-816.066
148.1058	-47.7336	-1.13118	-20.9496	-884.523
146.2121	-47.9414	-1.1015	-20.8588	-908.356
146	-47.9108	-1.18533	-20.8721	-846.16
146	-47.8483	-1.28459	-20.8994	-778.784
146	-47.9532	-1.2807	-20.8537	-783.009
145.107	-48.1569	-1.38657	-20.7655	-721.422
145	-47.9569	-1.3732	-20.8521	-729.07
144.1077	-48.233	-1.49577	-20.7328	-669.937
144.892	-48.1894	-1.61527	-20.7515	-619.094
145.8917	-48.2104	-1.62705	-20.7424	-614.74
146.8916	-48.0804	-1.65495	-20.7985	-604.364
147	-48.3364	-1.6302	-20.6884	-613.558
147	-48.1522	-1.69975	-20.7675	-588.753
145.2185	-48.3934	-1.74116	-20.664	-575.245
146.7809	-48.1038	-1.6765	-20.7885	-598.143
146.1096	-48.4154	-1.83374	-20.6547	-545.335
146.8901	-48.1622	-1.81968	-20.7633	-549.634
146.1102	-48.2043	-1.80718	-20.745	-553.701
145.1105	-48.4028	-1.87418	-20.66	-533.65
146.7785	-48.1589	-1.84715	-20.7647	-541.456
147	-48.2885	-1.92647	-20.7089	-519.731
147.8889	-48.2305	-1.99397	-20.7338	-502.643
148	-48.2745	-1.87377	-20.7149	-534.381
146.2237	-48.5463	-1.98091	-20.599	-504.886
146	-48.3096	-1.95455	-20.6999	-511.697
146	-48.5991	-1.99418	-20.5766	-501.46
147.7751	-48.3752	-1.98063	-20.6718	-504.959
147.1128	-48.7914	-1.96653	-20.4957	-508.781
147.8869	-48.5586	-2.0469	-20.5938	-488.544
147.1134	-48.8638	-2.0469	-20.4652	-488.544
147.8866	-48.671	-2.08558	-20.5462	-479.969
147.1137	-48.8249	-2.17808	-20.4814	-459.322
147	-49.0051	-2.15038	-20.4061	-465.81
145.2286	-49.0291	-2.24363	-20.396	-446.897
145	-48.9769	-2.08521	-20.4178	-480.048
146.7708	-48.8625	-2.24224	-20.4656	-446.39

146.1149	-49.085	-2.35043	-20.3729	-425.494
146.8848	-48.9837	-2.29746	-20.415	-435.311
146.1157	-49.0985	-2.25589	-20.3673	-443.284
146	-49.1676	-2.28117	-20.3386	-438.535
146.884	-48.9385	-2.33419	-20.4339	-428.573
147	-49.0115	-2.26852	-20.4034	-440.859
147.8834	-48.9975	-2.30774	-20.4092	-433.324
148	-48.8906	-2.33285	-20.4539	-428.811
147.1172	-48.956	-2.36022	-20.4265	-424.33
146.1172	-49.15	-2.22728	-20.3459	-449.155
147.765	-48.808	-2.31909	-20.4886	-431.246
148	-49.0688	-2.29641	-20.3797	-436.555
148	-48.9561	-2.1745	-20.4265	-461.497
147.1186	-48.9109	-2.3355	-20.4453	-429.689
147	-49.0112	-2.16096	-20.4035	-463.908
147.8811	-48.9461	-2.34557	-20.4306	-426.371
148	-48.9355	-2.28252	-20.4351	-438.286
148.8805	-49.0107	-2.19031	-20.4037	-456.605
149	-48.9699	-2.15046	-20.4207	-465.017
148.1198	-48.8872	-2.17487	-20.4553	-459.976
146.2402	-49.087	-2.23993	-20.372	-446.485
146	-49.0121	-2.22625	-20.4032	-449.363
146	-48.9979	-2.24411	-20.4091	-446.766
146	-48.9979	-2.12208	-20.4091	-472.99
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145	-48.8339	-2.15171	-20.4777	-464.747
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146.7562	-48.8706	-2.23235	-20.4622	-448.141
147.8776	-48.7701	-2.15284	-20.5044	-464.503
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147.7547	-48.6397	-2.24333	-20.5596	-445.811
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148.8767	-48.8941	-2.16671	-20.4524	-461.986
149.8764	-48.6741	-2.09603	-20.5449	-477.898
149.1236	-48.77	-2.22989	-20.5044	-448.637
147.2478	-48.9444	-2.14984	-20.4314	-465.15
147.8756	-48.6813	-2.17423	-20.5419	-460.116
146.2493	-49.005	-2.22931	-20.4062	-448.744
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148	-48.8622	-2.12368	-20.4657	-471.082
148	-48.8255	-2.20366	-20.4811	-453.791
147.1256	-48.9478	-2.17853	-20.4299	-459.219
147.8741	-48.8368	-2.13527	-20.4764	-468.757
148.8738	-48.8939	-2.27915	-20.4525	-438.922
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149	-48.8832	-2.23019	-20.457	-448.574
146.3804	-49.0816	-2.1974	-20.3743	-455.752

146.8729	-48.934	-2.34243	-20.4357	-426.941
147	-49.0102	-2.2933	-20.4039	-436.089
146.1276	-49.2064	-2.26793	-20.3226	-440.971
146	-48.9763	-2.28344	-20.4181	-438.105
145.1282	-49.1213	-2.2392	-20.3578	-446.964
145.8715	-48.9138	-2.34783	-20.4442	-425.96
146	-49.1364	-2.34589	-20.3516	-426.61
145.1288	-49.1	-2.41884	-20.3666	-414.004
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146	-48.8428	-2.40295	-20.4739	-416.194
146	-48.9747	-2.36133	-20.4187	-423.49
146.87	-49.1233	-2.32537	-20.357	-430.398
148.7394	-48.9357	-2.24074	-20.435	-446.652
149	-48.8033	-2.34869	-20.4904	-425.812
147.2618	-48.8919	-2.31754	-20.4533	-431.527
147.8688	-48.8299	-2.33231	-20.4793	-428.909
406.8852	-48.8177	-2.21813	-20.4844	-451.231
187.1938	-48.92	-2.13458	-20.4416	-468.899
148	-48.9355	-2.25835	-20.4351	-442.804
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275.5316	-48.7956	-2.15046	-20.4937	-465.017
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148	-48.9939	-2.18612	-20.4107	-457.831
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148.866	-48.7061	-2.19035	-20.5314	-456.593
147.268	-49.0284	-2.19723	-20.3965	-455.792
148.7315	-48.7261	-2.31087	-20.523	-433.377
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147.1349	-48.8523	-2.39213	-20.4699	-419.378
145.2704	-49.0565	-2.18548	-20.3847	-457.955
145.8648	-48.8045	-2.29489	-20.49	-435.788
144.271	-48.9692	-2.24444	-20.4211	-445.587
146.5926	-48.8182	-2.24032	-20.4842	-446.738
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146.8636	-48.7934	-2.17007	-20.4946	-462.362
145.2729	-48.9454	-2.36664	-20.4309	-423.138
145.8633	-48.943	-2.20462	-20.432	-453.593
148.589	-48.7074	-2.22773	-20.5308	-449.062
149	-48.9228	-2.2638	-20.4405	-442.441
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147.1381	-48.9379	-2.1784	-20.4341	-459.232
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147.139	-48.9196	-2.15094	-20.4417	-464.912

147.861	-48.8306	-2.16184	-20.479	-462.614
147.1393	-48.8951	-2.22532	-20.452	-449.544
147.8604	-48.8306	-2.29605	-20.479	-435.572
148.8601	-48.9925	-2.22039	-20.4113	-450.768
149	-48.9211	-2.13327	-20.4411	-469.175
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148.8595	-48.9091	-2.22974	-20.4461	-448.649
149	-48.8045	-2.19534	-20.4899	-456.174
149	-48.988	-2.31209	-20.4132	-433.139
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147.1415	-48.8017	-2.25313	-20.4911	-443.826
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146.715	-48.713	-2.19267	-20.5285	-456.109
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146	-48.8878	-2.14518	-20.455	-466.878
146	-48.7771	-2.26384	-20.5015	-442.41
146.8564	-48.5806	-2.13351	-20.5844	-469.13
146.1439	-48.832	-2.2345	-20.4785	-447.7
147.7116	-48.7259	-2.16368	-20.523	-462.221
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147.711	-48.7174	-2.06933	-20.5266	-483.45
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147	-49.1573	-2.25084	-20.3429	-445.342
148.7066	-48.8984	-2.1025	-20.4507	-476.773
148.1469	-48.9224	-2.31835	-20.4406	-431.375
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147.1475	-49.0119	-2.15352	-20.4032	-465.41
147.8522	-48.9487	-2.35758	-20.4296	-424.165
148.8521	-49.0082	-2.3248	-20.4048	-430.475
149	-48.9715	-2.19183	-20.42	-456.284
149	-48.8638	-2.17196	-20.4651	-460.578
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145.8494	-48.6114	-2.04958	-20.5713	-489.142
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271.6668	-48.7758	-2.16402	-20.502	-462.148

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147	-48.8124	-2.13212	-20.4867	-469.424
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149	-48.5885	-2.26311	-20.5811	-442.518
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146.8469	-48.835	-2.25366	-20.4771	-443.724
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147.1544	-48.9932	-2.1411	-20.411	-467.718
147.8456	-48.8003	-2.29437	-20.4918	-435.883
149.6906	-48.6598	-2.24404	-20.5509	-445.665
149.155	-48.864	-2.20294	-20.465	-453.94
149.8447	-48.7319	-2.23422	-20.5205	-447.911
149.1556	-48.8237	-2.31364	-20.4819	-432.809
147.3114	-48.8482	-2.20228	-20.4716	-455.017
147.8441	-48.7731	-2.34384	-20.5031	-427.953
147.1562	-48.8844	-2.1305	-20.4565	-469.771
147	-48.6064	-2.28746	-20.5736	-437.48
147	-48.8018	-2.39	-20.4912	-418.54
146.1569	-48.7739	-2.28686	-20.5028	-437.428
146.8428	-48.634	-2.21518	-20.5618	-451.47
147	-48.7611	-2.27761	-20.5082	-439.209
147	-48.7893	-2.34178	-20.4963	-427.172
147.8419	-48.5136	-2.24639	-20.6129	-445.199
146.3162	-48.7632	-2.20388	-20.5074	-453.746
146.8416	-48.6939	-2.23559	-20.5365	-447.652
147.8413	-48.6953	-2.32985	-20.5358	-429.537
148.841	-48.6753	-2.22584	-20.5443	-449.423
149	-48.6707	-2.27755	-20.5463	-439.424
148.1597	-48.7451	-2.19242	-20.5149	-456.732
147.1599	-48.9333	-2.31618	-20.436	-432.33
147	-48.8674	-2.20247	-20.4636	-454.986
148.679	-48.7486	-2.4007	-20.5134	-416.577
149	-48.7295	-2.33881	-20.5215	-427.706
148.1609	-48.8039	-2.28631	-20.4902	-437.685
147.1611	-48.8932	-2.40881	-20.4528	-415.142
147	-48.957	-2.41944	-20.4261	-413.351
147	-48.8676	-2.4317	-20.4635	-411.51
148.6759	-48.8469	-2.31798	-20.4722	-431.444
148.1621	-48.9211	-2.38029	-20.4411	-420.244
148	-49.0818	-2.47395	-20.3742	-404.234
148	-48.9639	-2.48061	-20.4233	-403.379
148	-48.9355	-2.38779	-20.4351	-419.061

148	-48.8864	-2.52144	-20.4556	-396.628
147.1633	-49.0499	-2.52399	-20.3874	-396.642
147	-48.8374	-2.34749	-20.4762	-426.019
145.3277	-48.9902	-2.33679	-20.4123	-428.227
145.8358	-48.704	-2.45274	-20.5324	-407.734
146	-48.9883	-2.40341	-20.4132	-416.104
146.8355	-48.7837	-2.38409	-20.4988	-419.577
145.3299	-48.8807	-2.45891	-20.458	-406.719
145.8348	-48.7849	-2.40309	-20.4982	-416.162
146	-48.8595	-2.34131	-20.4669	-427.244
147.6683	-48.7791	-2.27879	-20.5006	-438.97
148.8341	-48.7344	-2.34267	-20.5194	-427.005
149	-48.7295	-2.28694	-20.5215	-437.563
149	-48.7295	-2.41056	-20.5215	-414.841
148.1668	-48.8033	-2.36883	-20.4904	-422.679
148.8329	-48.6953	-2.24192	-20.5359	-446.606
148.1671	-48.7444	-2.3791	-20.5152	-420.613
148	-48.8572	-2.27444	-20.4678	-439.805
148	-48.6804	-2.32788	-20.5422	-429.882
147.1681	-48.7149	-2.22275	-20.5276	-450.039
147	-48.7793	-2.30648	-20.5005	-433.561
148.663	-48.7395	-2.318	-20.5172	-431.443
148.1687	-48.9493	-2.33125	-20.4294	-429.27
149.6619	-48.6035	-2.24298	-20.5749	-446.381
149.1694	-48.6947	-2.36937	-20.5362	-422.578
149	-48.7781	-2.25111	-20.501	-445.066
149	-48.7881	-2.41087	-20.4968	-415.572
149	-48.5926	-2.21176	-20.5794	-452.166
147.3409	-48.6502	-2.2534	-20.5549	-443.774
147.8293	-48.695	-2.25363	-20.536	-443.728
147.171	-48.6258	-2.26497	-20.5652	-441.545
147	-48.5109	-2.27945	-20.6139	-439.04
147.8287	-48.5657	-2.17107	-20.5907	-460.766
147.1716	-48.7044	-2.23743	-20.5321	-447.096
147.828	-48.4583	-2.17183	-20.6365	-460.597
147.1723	-48.5745	-2.23632	-20.587	-447.316
147	-48.7093	-2.1419	-20.53	-466.919
270.2876	-48.6316	-2.12892	-20.5628	-470.097
-99999	-99999	-2.23744	-99999	-447.095
149	-48.374	-2.137	-20.6723	-468.045
148.1735	-48.6435	-2.073	-20.5579	-482.392
148	-48.7489	-99999	-20.5133	-99999
148.8262	-48.7346	-2.2786	-20.5193	-439.194
149.8259	-48.5598	-2.12207	-20.5932	-471.644
149.1744	-48.6936	-2.03335	-20.5366	-492.526
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-99999	-99999	-2.24389	-99999	-445.691

149	-48.4932	-2.20218	-20.6215	-454.096
149	-48.7846	-2.20294	-20.4984	-453.94
271.7874	-48.7016	-99999	-20.5333	-99999
174.4342	-48.6949	-2.18373	-20.536	-458.095
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148	-48.7973	-2.23515	-20.493	-447.543
271.4742	-48.7451	-2.15108	-20.5149	-464.883
-99999	-99999	-2.17003	-99999	-460.977
148	-48.9355	-2.26391	-20.4351	-441.747
148	-48.6931	-2.30541	-20.5369	-433.762
146.3555	-48.9829	-99999	-20.4155	-99999
267.6472	-48.8125	-2.17905	-20.4867	-459.256
173.2196	-48.7352	-2.28887	-20.5191	-437.035
147	-48.7299	-2.21815	-20.5213	-450.909
145.3575	-48.7797	-2.29681	-20.5004	-435.46
145	-48.7411	-2.36133	-20.5166	-423.49
145	-48.9271	-2.32371	-20.4386	-430.889
147.4612	-48.7971	-2.18179	-20.4931	-458.686
146.3598	-48.8577	-2.31224	-20.4676	-432.48
146	-48.928	-2.29149	-20.4382	-436.544
146.8198	-48.8162	-2.21267	-20.485	-451.982
147	-48.9826	-2.26651	-20.4155	-441.241
148.6384	-48.8788	-2.32794	-20.4588	-429.687
149	-48.8943	-2.37558	-20.4523	-421.463
148.1813	-48.9299	-2.22109	-20.4374	-450.364
147.1816	-49.0568	-2.31375	-20.3846	-432.23
147	-48.9878	-2.35606	-20.4133	-424.438
147	-48.9183	-2.37622	-20.4423	-420.953
147	-49.1469	-2.44409	-20.3473	-409.259
147.8175	-48.9838	-2.35028	-20.415	-425.513
148	-48.9355	-2.31656	-20.4351	-431.703
147.1831	-49.1042	-2.39418	-20.3649	-418.111
147.8166	-48.9734	-2.5281	-20.4193	-395.963
148	-49.1724	-2.34851	-20.3367	-425.832
148.8162	-49.0112	-2.31523	-20.4036	-431.953
148.184	-49.0831	-2.3662	-20.3737	-422.644
147.1843	-49.1362	-2.40667	-20.3516	-415.512
146.1846	-49.1206	-2.38877	-20.3581	-418.74
146.8151	-48.9461	-2.34124	-20.4307	-427.589
146.185	-49.0293	-2.46855	-20.396	-405.782
145.1852	-49.0347	-2.30136	-20.3937	-435.274
145	-49.0779	-2.49844	-20.3758	-400.351
145	-49.089	-2.40449	-20.3712	-415.915
145	-49.0407	-2.33571	-20.3912	-428.431
145	-49.0779	-2.24133	-20.3758	-446.696
145.8132	-49.0149	-2.40638	-20.402	-415.591
145.1871	-49.2157	-2.37225	-20.3188	-421.569

145	-49.0739	-2.40606	-20.3775	-415.647
144.1877	-49.1042	-2.36133	-20.3649	-423.49
146.4368	-49.0908	-2.36166	-20.3704	-423.431
147.812	-49.058	-2.37259	-20.384	-421.512
148	-49.0048	-2.42533	-20.4062	-412.335
146.3772	-49.1403	-2.46195	-20.3499	-406.182
146	-49.0791	-2.45115	-20.3753	-407.997
146.8111	-49.0787	-2.39154	-20.3755	-418.249
147	-49.2721	-2.32573	-20.2955	-430.094
147.8105	-49.1021	-2.42156	-20.3658	-412.981
148	-48.9101	-2.46195	-20.4457	-406.182
147.1901	-49.0444	-2.4599	-20.3898	-406.521
147	-49.0363	-2.43382	-20.3931	-411.118
147	-49.2607	-2.33264	-20.3003	-428.959
147.8093	-49.0081	-2.45368	-20.405	-407.576
148	-49.0768	-2.41925	-20.3763	-413.374
147.1913	-49.2767	-2.44263	-20.2936	-409.498
147.8085	-49.0556	-2.38337	-20.3852	-419.808
148	-49.1346	-2.50228	-20.3523	-399.659
148	-48.9801	-2.45133	-20.4165	-407.967
146.3848	-49.081	-2.39991	-20.3745	-416.711
145.1927	-49.1895	-2.39071	-20.3296	-418.708
145	-49.0638	-2.5131	-20.3817	-398.828
145	-49.1252	-2.29981	-20.3562	-435.556
145	-49.1957	-2.4933	-20.327	-401.302
145	-49.064	-2.38057	-20.3816	-420.177
144.1941	-49.1515	-2.44117	-20.3453	-409.889
144	-49.0849	-2.3532	-20.3729	-425.646
144.8056	-49.1313	-2.52192	-20.3536	-397.462
145.8053	-49.1693	-2.27606	-20.3379	-439.484
147.61	-49.0291	-2.38205	-20.3961	-419.91
147.1953	-49.1131	-2.47549	-20.3612	-403.983
146.1954	-49.2621	-2.49872	-20.2996	-400.31
146	-49.1972	-2.42602	-20.3264	-412.301
146.8041	-49.1484	-2.49679	-20.3465	-400.61
146.1962	-49.1209	-2.42826	-20.3579	-411.921
146.8035	-49.043	-2.51596	-20.3903	-397.463
146.1966	-49.2389	-2.50565	-20.3093	-399.119
146.803	-49.0776	-2.4561	-20.376	-407.176
146.1973	-49.1919	-2.4448	-20.3286	-409.413
147.6048	-49.0411	-2.58523	-20.3911	-387.174
148	-49.1799	-2.40262	-20.3336	-416.238
148	-49.0865	-2.40091	-20.3723	-417.109
147.1982	-49.1709	-2.58186	-20.3373	-387.682
147.8015	-49.1744	-2.41526	-20.3358	-414.062
148	-49.1681	-2.4768	-20.3384	-403.842
147.1991	-49.1473	-2.53106	-20.347	-395.478

146.1992	-49.1679	-2.38881	-20.3385	-419.015
144.3988	-49.2744	-2.55392	-20.2946	-391.574
144.8003	-49.131	-2.48065	-20.3538	-403.516
145	-49.2305	-2.35038	-20.3127	-426.147
145.7997	-49.1458	-2.54878	-20.3477	-392.559
145.2004	-49.2358	-2.40678	-20.3105	-415.521
144.2006	-49.1979	-2.37781	-20.3261	-420.659
144	-49.2755	-2.44842	-20.2941	-408.527
144.7988	-49.2256	-2.37859	-20.3146	-420.532
145.7984	-49.1341	-2.48649	-20.3525	-402.266
146	-49.1157	-2.53223	-20.3601	-395.529
145.2019	-49.2823	-2.33389	-20.2913	-428.712
145.7975	-49.158	-2.46488	-20.3426	-405.7
145.2028	-49.3287	-2.45674	-20.2723	-407.067
147.3907	-49.0263	-2.4213	-20.3975	-413.026
147.2031	-49.1465	-2.46488	-20.3474	-405.7
147	-49.1074	-2.4481	-20.3635	-408.588
146.2037	-49.2025	-2.38991	-20.3242	-418.816
146	-49.1396	-2.54872	-20.3502	-392.439
146.7957	-49.0437	-2.44634	-20.39	-408.872
147.7956	-49.1389	-2.37583	-20.3505	-421.011
148	-49.0295	-2.45651	-20.3959	-407.107
146.4098	-48.997	-2.40243	-20.4094	-416.276
146.7948	-49.0196	-2.36395	-20.4	-423.048
147.7945	-49.2303	-2.43387	-20.3128	-411.096
148	-49.1917	-2.54627	-20.3286	-392.942
147.2058	-49.0546	-2.38654	-20.3855	-419.271
146.2061	-49.2364	-2.29974	-20.3103	-435.771
146.7936	-49.1265	-2.53847	-20.3557	-394.126
146.2067	-49.0624	-2.41098	-20.3822	-414.768
146	-49.1965	-2.41885	-20.3267	-413.444
146.793	-49.0216	-2.45486	-20.3993	-407.377
145.4147	-49.1572	-2.40499	-20.343	-415.83
144.2078	-49.1863	-2.39117	-20.3309	-418.592
144	-49.1338	-2.52852	-20.3526	-396.063
144	-49.2622	-2.33369	-20.2996	-428.756
145.5832	-49.0607	-2.46205	-20.3831	-406.189
146	-49.1375	-2.4413	-20.3511	-409.825
146	-49.0348	-2.54199	-20.3937	-393.769
145.2093	-49.2561	-2.38471	-20.3022	-419.556
147.3718	-49.0631	-2.49308	-20.3821	-401.317
148	-49.0858	-2.36911	-20.3725	-422.124
148	-49.0643	-2.41253	-20.3814	-414.504
147.2103	-49.0771	-2.4241	-20.3761	-412.615
147	-48.9912	-2.50322	-20.4119	-399.507
146.2106	-49.1306	-2.46027	-20.354	-406.46
147.5783	-48.8467	-2.44705	-20.4724	-408.751

147.2113	-48.969	-2.38275	-20.4212	-419.903
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147.7881	-48.8403	-2.41098	-20.4751	-414.768
147.212	-49.0609	-2.39549	-20.383	-417.555
147.7878	-48.9332	-2.32165	-20.4361	-430.836
148.7875	-48.9903	-2.4261	-20.4123	-412.274
148.2128	-49.0455	-2.48307	-20.3893	-403.103
148	-48.9603	-2.32839	-20.4247	-429.699
146.4267	-49.1234	-2.45781	-20.357	-406.866
146	-49.0356	-2.44494	-20.3934	-409.1
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146.2142	-49.1424	-2.49379	-20.3491	-401.198
145.2145	-49.1073	-2.39884	-20.3636	-417.425
145	-48.9487	-2.57382	-20.4296	-389.302
144.2148	-49.0761	-2.32335	-20.3766	-430.524
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145.2157	-49.0861	-2.43232	-20.3725	-411.216
145	-49.1225	-2.50366	-20.3573	-399.51
145.784	-48.9374	-2.43443	-20.4344	-410.99
145.2164	-49.2282	-2.55882	-20.3139	-390.891
147.35	-49.0197	-2.46741	-20.4002	-405.283
147.217	-49.0516	-2.45965	-20.3868	-406.587
147.783	-48.9676	-2.43482	-20.4217	-410.895
147.2173	-49.0515	-2.55011	-20.3868	-392.219
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148.7818	-48.8532	-2.63303	-20.4695	-380.281
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147.7812	-48.9349	-2.48415	-20.4354	-402.92
147.2191	-48.9927	-2.33405	-20.4112	-428.831
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148	-48.9355	-2.4992	-20.4351	-400.212
148	-48.981	-2.43251	-20.4161	-411.287
147.22	-49.0183	-2.53574	-20.4006	-394.698
147.7797	-48.9096	-2.39357	-20.4459	-418.327
147.2206	-49.0836	-2.58708	-20.3735	-386.844
147.7791	-49.072	-2.42526	-20.3782	-412.412
147.221	-49.0311	-2.51361	-20.3952	-397.834
145.4425	-49.0748	-2.50617	-20.377	-399.038
145	-49.0428	-2.48191	-20.3904	-403.105
145	-48.9833	-2.59088	-20.4151	-386.27
144.2222	-49.1802	-2.4373	-20.3335	-410.488
144.7778	-49.0764	-2.56698	-20.3765	-389.583
145	-49.0758	-2.52213	-20.3767	-396.49
145	-48.9966	-2.52926	-20.4096	-395.392
144.2231	-49.0413	-2.55239	-20.391	-391.978

144.7766	-49.1288	-2.43	-20.3547	-411.614
146.5531	-49.0527	-2.52967	-20.3863	-395.331
148.5523	-48.8865	-2.56241	-20.4556	-390.345
148.2241	-49.006	-2.45975	-20.4057	-406.57
147.2244	-49.0312	-2.42453	-20.3952	-412.531
147	-49.0706	-2.53189	-20.3788	-395.129
262.5023	-48.9234	-2.63191	-20.4402	-380.402
-99999	-99999	-2.41791	-99999	-413.602
148	-48.8181	-2.46926	-20.4842	-404.999
147.2257	-48.8417	-2.51361	-20.4743	-397.834
147.774	-48.825	-99999	-20.4813	-99999
148.774	-48.8401	-2.46271	-20.475	-406.057
149.7737	-48.7332	-2.46454	-20.5199	-405.755
148.4532	-48.9723	-2.46883	-20.4199	-405.068
148.7731	-48.848	-2.49696	-20.4718	-400.57
148.2272	-48.8567	-2.44119	-20.468	-410.133
148.7727	-48.9434	-2.63902	-20.4318	-379.212
148.2275	-49.1214	-2.46701	-20.3578	-405.372
147.2278	-49.0124	-2.52663	-20.4031	-395.851
146.2281	-48.945	-2.5784	-20.4311	-388.313
145.2284	-48.9169	-2.38366	-20.4428	-419.88
144.2285	-49.1191	-2.56142	-20.3588	-390.424
145.5426	-49.0852	-2.5128	-20.3728	-397.981
146	-49.0114	-2.49758	-20.4034	-400.695
145.2296	-49.068	-2.64651	-20.3799	-378.334
144.2299	-49.114	-2.43371	-20.3608	-411.081
144.77	-48.959	-2.57809	-20.4253	-387.903
145	-49.0479	-2.59899	-20.3883	-385.061
146.5389	-48.904	-2.42442	-20.4483	-412.492
145.4617	-49.0789	-2.49013	-20.3755	-401.754
258.7888	-49.0431	-2.60521	-20.3902	-384.02
181.5279	-48.908	-2.49225	-20.4466	-401.553
148	-48.8769	-2.65367	-20.4596	-377.058
148	-48.8769	-2.4936	-20.4596	-401.03
147.2321	-49.0805	-2.51361	-20.3748	-397.834
147.7676	-48.8934	-2.5401	-20.4528	-393.961
148	-48.8632	-2.69461	-20.4653	-371.371
148	-48.8769	-2.5071	-20.4596	-398.887
148.767	-48.7638	-2.46887	-20.5071	-405.062
148.2333	-48.9768	-2.51361	-20.418	-397.834
148.7664	-48.8498	-2.52651	-20.471	-395.872
147.4673	-49.0146	-2.59597	-20.4022	-385.372
261.1485	-48.9701	-2.48589	-20.4206	-402.558
-99999	-99999	-2.64077	-99999	-378.941
149	-49.0209	-2.47521	-20.3995	-404.08
148.235	-49.0892	-2.56469	-20.3711	-389.911
147.235	-49.0002	-99999	-20.4081	-99999

147	-48.9214	-2.4641	-20.4409	-405.848
146.2356	-49.0667	-2.51791	-20.3805	-397.176
145.2359	-49.2752	-2.56142	-20.2942	-390.426
145.7638	-49.075	-2.53592	-20.3771	-394.492
145.2363	-49.0674	-2.64165	-20.3801	-378.984
144.2366	-48.9767	-2.43261	-20.4179	-411.26
144	-49.1243	-2.57771	-20.3566	-387.96
144.7627	-49.0655	-2.60714	-20.381	-383.713
145	-49.0296	-2.47225	-20.3958	-404.49
145.7624	-49.0054	-2.4827	-20.4059	-402.861
146	-48.9075	-2.57413	-20.4468	-388.48
146	-49.1041	-2.57375	-20.365	-388.539
147.523	-48.8132	-2.55836	-20.4866	-390.946
148	-48.9237	-2.47335	-20.4401	-404.326
148.7611	-48.8372	-2.49742	-20.4763	-400.59
148.2391	-48.8557	-2.39036	-20.4685	-418.819
147.2394	-48.5829	-2.59687	-20.5836	-385.233
147.7601	-48.6947	-2.44142	-20.5362	-409.778
148	-48.9375	-2.33832	-20.4343	-428.204
148.7598	-48.8375	-2.57951	-20.4761	-387.684
148.2405	-48.8109	-2.61863	-20.4872	-381.88
148	-48.7734	-2.59708	-20.503	-385.2
148.7589	-48.692	-2.46019	-20.5373	-406.472
263.5517	-48.8033	-2.45627	-20.4905	-407.14
185.4594	-48.8463	-2.42918	-20.4724	-411.825
149	-48.8465	-2.5489	-20.4723	-392.444
147.484	-49.0263	-2.44036	-20.3973	-409.821
147.7577	-48.793	-2.51084	-20.495	-398.274
147.2426	-48.9018	-2.50514	-20.4492	-399.195
147	-48.8771	-2.45031	-20.4595	-408.188
147	-48.8037	-2.38379	-20.4903	-419.81
146.2432	-48.8574	-2.5558	-20.4677	-391.335
146	-48.7437	-2.45885	-20.5155	-406.713
146	-48.7906	-2.41949	-20.4958	-413.332
146.7561	-48.7967	-2.44926	-20.4932	-408.466
147	-48.6993	-2.323	-20.5342	-430.564
147	-48.5343	-2.4393	-20.604	-410.237
146.2447	-48.694	-2.58636	-20.5365	-387.283
146.7547	-48.6923	-2.31551	-20.5372	-431.894
148.5092	-48.5367	-2.38737	-20.603	-419.181
149	-48.5826	-2.56787	-20.5835	-389.446
149	-48.6562	-2.50693	-20.5524	-398.972
148.2463	-48.6928	-2.42267	-20.5369	-412.841
148.7534	-48.6335	-2.51941	-20.562	-396.935
147.4933	-48.7901	-2.56504	-20.4961	-389.857
148.5063	-48.7589	-2.5851	-20.5091	-386.962
148.2472	-48.8845	-2.69218	-20.4564	-371.809

148	-48.8914	-2.48185	-20.4535	-403.067
147.2478	-48.9884	-2.63316	-20.413	-379.899
147.7521	-48.9577	-2.76612	-20.4258	-361.529
147.2481	-49.0029	-2.70964	-20.407	-369.106
147.7516	-49.1326	-2.63605	-20.3531	-379.476
148	-49.0372	-2.77796	-20.3927	-359.99
147.249	-49.0613	-2.82046	-20.3827	-354.568
147	-49.0398	-2.77359	-20.3916	-360.557
147	-49.2002	-2.82855	-20.3252	-353.551
147.7504	-49.1036	-2.87225	-20.3652	-348.17
147.2499	-49.1196	-2.82657	-20.3585	-353.786
146.2502	-48.9896	-2.82797	-20.4126	-353.621
144.5009	-49.209	-2.87898	-20.3217	-347.358
144.7493	-49.186	-2.92963	-20.331	-341.341
145	-49.1923	-2.92236	-20.3284	-342.285
145	-49.0742	-2.79622	-20.3774	-357.671
144.2516	-49.1428	-2.89347	-20.3489	-345.616
144	-49.1809	-2.94527	-20.3331	-339.539
144	-49.2694	-2.98482	-20.2966	-335.068
145.4956	-49.162	-2.91581	-20.341	-343.122
146	-49.3337	-3.0929	-20.2703	-323.361
146.7472	-49.2526	-2.98379	-20.3036	-335.191
147	-49.1132	-2.90992	-20.3612	-343.885
146.2531	-49.2821	-3.11915	-20.2915	-320.681
146	-49.4357	-2.99027	-20.2283	-334.457
146.7463	-49.2675	-3.08558	-20.2975	-324.088
145.5081	-49.5096	-3.07427	-20.1984	-325.318
145.7459	-49.33	-3.00082	-20.2719	-333.384
146	-49.1016	-3.17545	-20.366	-314.947
146	-49.318	-3.07497	-20.2768	-325.24
146.7449	-49.4252	-2.99046	-20.2326	-334.408
147	-49.2159	-3.05101	-20.3188	-327.789
146.2555	-49.3825	-3.14042	-20.2502	-318.435
146.7441	-49.1813	-3.15322	-20.3332	-317.336
146.2562	-49.3674	-2.95515	-20.2565	-338.615
147.487	-49.2442	-3.17563	-20.3071	-314.928
147.2568	-49.2351	-3.09596	-20.3107	-323.032
144.7706	-49.4197	-3.16414	-20.2349	-316.181
144.7429	-49.2761	-2.97913	-20.2939	-335.68
143.5148	-49.4322	-3.06301	-20.2299	-326.797
144.4846	-49.2414	-3.33751	-20.3083	-299.739
145	-49.2355	-3.12819	-20.3106	-319.806
144.2581	-49.3779	-2.9602	-20.252	-337.895
144	-49.3734	-3.08722	-20.2539	-323.954
144	-49.3145	-3.00111	-20.278	-333.248
143.2589	-49.3682	-3.09301	-20.256	-323.318
144.4815	-49.3421	-3.06323	-20.2667	-326.53

144.2593	-49.4796	-3.19137	-20.2104	-313.413
145.4809	-49.2242	-3.073	-20.3155	-325.53
145.2598	-49.3566	-3.22438	-20.2609	-310.332
145	-49.3981	-3.00035	-20.2437	-333.328
147.2186	-49.224	-3.07609	-20.3154	-325.168
147.2605	-49.3202	-2.94947	-20.2758	-339.128
147	-49.2455	-3.1005	-20.3065	-322.551
146.2612	-49.1811	-3.15403	-20.333	-317.253
146	-49.2176	-2.92871	-20.318	-341.458
146.7382	-49.2516	-2.97449	-20.3039	-336.199
147	-49.3435	-2.95915	-20.2661	-338.149
147	-49.3738	-3.17693	-20.2537	-314.846
147	-49.2029	-3.03898	-20.3241	-329.089
146.2629	-49.2948	-3.10937	-20.2862	-321.739
146	-49.3493	-2.92373	-20.2637	-342.029
147.4734	-49.1731	-2.94364	-20.3364	-339.797
147.2635	-49.2618	-3.06558	-20.2998	-326.34
146.2638	-49.3406	-2.8822	-20.2673	-346.964
145.2641	-49.2012	-2.91839	-20.3248	-342.664
145	-49.1915	-2.87337	-20.3287	-348.023
145.7355	-49.0966	-2.85876	-20.3681	-349.959
146	-49.1001	-2.70252	-20.3666	-370.302
145.265	-49.2261	-2.90912	-20.3145	-344.13
144.2653	-49.1159	-2.62735	-20.3601	-380.624
143.2656	-49.0415	-2.68394	-20.3909	-372.635
144.4686	-48.8994	-2.76144	-20.4502	-362.308
145.7341	-48.9152	-2.59279	-20.4435	-385.81
146.7337	-48.7417	-2.7313	-20.5164	-366.18
146.2667	-48.8671	-2.61922	-20.4638	-381.853
146.733	-48.8292	-2.51926	-20.4796	-396.942
147.7329	-48.8104	-2.51926	-20.4874	-396.942
149.4654	-48.7316	-2.50945	-20.5206	-398.556
149.2676	-48.7216	-2.41772	-20.5248	-413.628
148.2679	-48.8374	-2.47619	-20.4762	-403.965
148	-48.7041	-2.61256	-20.5322	-382.766
148.7317	-48.5762	-2.60628	-20.5862	-383.739
148.2685	-48.7468	-2.51387	-20.5143	-397.794
148	-48.8611	-2.5304	-20.4662	-395.31
148.7309	-48.7691	-2.65122	-20.5048	-377.39
149	-48.7295	-2.46702	-20.5215	-405.362
148.2695	-48.7942	-2.52282	-20.4942	-396.433
148	-48.9465	-2.61562	-20.4305	-382.318
150.1898	-48.6732	-2.62051	-20.5455	-381.618
151	-48.5118	-2.66522	-20.6136	-375.216
147.3534	-49.2867	-2.60601	-20.2914	-383.784
146.7292	-49.1754	-2.52187	-20.3359	-396.646
147	-48.8964	-2.69973	-20.4515	-371.041

147	-48.9773	-3.03865	-20.4177	-329.792
146.2716	-49.0483	-2.62388	-20.3881	-381.128
145.2722	-48.9503	-2.68733	-20.4289	-372.209
145	-48.9104	-2.80916	-20.4455	-356.139
144.2725	-49.0639	-2.62764	-20.3817	-380.585
144	-49.2507	-2.68151	-20.3043	-372.924
144.7269	-49.1464	-2.67699	-20.3475	-373.566
145	-49.089	-2.64299	-20.3712	-378.458
145	-49.0459	-2.78948	-20.3891	-358.5
145	-48.9864	-2.81843	-20.4138	-354.974
144.274	-49.2091	-2.62153	-20.3216	-381.468
145.4513	-49.1661	-2.58779	-20.3393	-386.54
147.4507	-48.9425	-2.73776	-20.4323	-365.272
147.2747	-49.0692	-2.77556	-20.3795	-360.334
147	-49.0148	-2.67787	-20.4021	-373.441
146.2753	-49.1172	-2.72104	-20.3596	-367.507
147.4489	-49.0013	-2.70808	-20.4077	-369.361
148	-49.1039	-2.58105	-20.3651	-387.545
148	-49.1261	-2.72901	-20.3558	-366.441
147.2762	-49.0487	-2.77145	-20.3879	-360.822
146.2765	-49.2176	-2.7633	-20.318	-361.896
147.4464	-49.0762	-2.70886	-20.3766	-369.197
148	-49.1615	-2.6363	-20.3412	-379.488
147.2773	-49.1231	-2.8267	-20.3571	-353.77
147.7225	-49.0609	-2.80514	-20.3828	-356.649
148	-48.9256	-2.63402	-20.4393	-379.916
148	-49.0034	-2.86052	-20.4068	-349.74
147.2785	-49.117	-2.67086	-20.3596	-374.423
147	-49.1	-2.71659	-20.3666	-368.12
146.2788	-49.0644	-2.67083	-20.3814	-374.427
144.5581	-49.2741	-2.71692	-20.2948	-368.073
144.7206	-49.2068	-2.66627	-20.3225	-375.066
145.7203	-48.9972	-2.62277	-20.4094	-381.277
146	-48.9813	-2.61328	-20.416	-382.771
145.2801	-48.9779	-2.48826	-20.4174	-402.187
145	-48.9272	-2.7	-20.4386	-370.939
145	-48.7374	-2.37409	-20.5182	-421.348
145	-48.9712	-2.51801	-20.4205	-397.152
147.1566	-48.8094	-2.47018	-20.4881	-404.829
148	-48.8271	-2.4846	-20.4805	-402.585
148	-48.7923	-2.60515	-20.4951	-384.172
148.718	-48.6108	-2.37148	-20.5716	-421.799
149	-48.6373	-2.50562	-20.5604	-399.152
149	-48.7549	-2.41497	-20.5108	-414.098
147.5655	-48.7463	-2.47026	-20.5144	-404.864
147.717	-48.7509	-2.55665	-20.5125	-391.186
148	-48.7592	-2.46842	-20.509	-405.173

148	-48.8435	-2.57462	-20.4736	-388.416
148.7163	-48.8133	-2.60319	-20.4862	-384.329
149.716	-48.7251	-2.41877	-20.5233	-413.484
255.2147	-48.8784	-2.52515	-20.459	-396.112
-99999	-99999	-2.66231	-99999	-375.625
148	-48.9939	-2.61823	-20.4107	-381.961
148.715	-48.8885	-2.69173	-20.4547	-371.508
149	-48.9297	-99999	-20.4375	-99999
147.571	-49.0492	-2.62316	-20.3877	-381.258
147	-49	-2.70924	-20.4082	-369.146
145.5722	-48.9265	-2.61653	-20.4388	-382.198
145.7138	-48.8457	-2.67793	-20.4727	-373.462
146	-48.989	-2.76922	-20.4129	-361.143
146.7133	-48.8236	-2.67745	-20.4821	-373.501
145.574	-48.9859	-2.64102	-20.4143	-378.788
144.2873	-49.1967	-2.8128	-20.3266	-355.742
144.7126	-49.0052	-2.5902	-20.4062	-386.322
145	-49.1218	-2.8291	-20.3577	-353.502
145.7118	-49.0582	-2.74478	-20.3841	-364.406
146	-49.1235	-2.88132	-20.3569	-347.141
146	-49.216	-2.74779	-20.3186	-364.13
146.7111	-49.1268	-2.97138	-20.3555	-336.735
146.2891	-49.1897	-2.74342	-20.3295	-364.707
146.7106	-49.1269	-2.97702	-20.3555	-335.936
147	-49.2077	-2.87069	-20.3221	-348.377
147	-49.1758	-2.76873	-20.3352	-361.212
147	-49.0174	-2.66631	-20.401	-375.061
147	-49.0911	-2.62294	-20.3704	-381.29
147.7093	-49.0783	-2.72485	-20.3756	-367.003
148.709	-48.9477	-2.77235	-20.43	-360.714
147.5826	-49.1142	-2.71728	-20.3609	-368.026
146.2914	-49.0149	-2.67333	-20.4021	-374.099
146.7084	-49.0414	-2.7678	-20.391	-361.298
148.4162	-48.957	-2.78317	-20.4261	-359.381
148.2922	-49.132	-2.92086	-20.3535	-342.564
148	-49.144	-2.66278	-20.3484	-375.589
147.2926	-49.0085	-2.57886	-20.4047	-387.99
146.2928	-49.072	-2.81108	-20.3783	-355.765
147.4135	-48.738	-2.7071	-20.5184	-369.473
148	-48.707	-2.57486	-20.531	-388.411
145.8816	-49.1996	-2.67386	-20.326	-373.991
145	-49.1754	-2.65654	-20.3355	-376.679
145	-48.963	-2.44194	-20.4237	-410.314
144.2945	-49.0172	-2.87983	-20.401	-347.249
144	-49.1038	-2.82643	-20.365	-353.872
144.7049	-49.0985	-2.67474	-20.3672	-373.904
145.7048	-48.9412	-2.58073	-20.4328	-387.496

146	-49.0044	-2.62929	-20.4064	-380.331
146.7043	-48.9517	-2.62929	-20.4283	-380.339
356.0873	-49.0093	-2.66072	-20.4043	-376.083
235.0034	-49.0744	-2.43307	-20.3773	-411.366
147	-49.0837	-2.717	-20.3734	-368.104
147	-49.0837	-2.58903	-20.3734	-386.311
147.7031	-48.9795	-2.46237	-20.4168	-406.112
147.2972	-49.0397	-2.46237	-20.3917	-406.112
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148	-48.905	-2.3641	-20.4479	-423.041
147.298	-49.0046	-2.46537	-20.4064	-405.628
147	-49.0426	-2.50785	-20.3904	-398.756
147	-49.0662	-2.46237	-20.3806	-406.112
147	-49.287	-2.47193	-20.2895	-404.63
147.7009	-49.3104	-2.63475	-20.2797	-379.735
146.5987	-49.4913	-2.88059	-20.2057	-347.156
146	-49.4996	-2.90756	-20.2022	-344.101
145.3	-49.3667	-2.67537	-20.2566	-373.902
143.6006	-49.4955	-2.86685	-20.204	-348.84
144.3993	-49.5202	-2.76292	-20.1938	-361.998
144.3006	-49.6452	-2.61962	-20.143	-381.742
141.9026	-50.0683	-2.58604	-19.9732	-386.815
140.3012	-50.2911	-2.77315	-19.8842	-360.607
140	-50.3605	-2.74695	-19.8569	-364.371
141.3968	-50.1225	-3.10153	-19.9513	-322.428
142.6982	-49.9057	-3.17096	-20.0378	-315.471
140.9063	-50.3408	-3.3901	-19.8654	-295.342
141.3952	-50.0128	-2.93294	-19.9959	-340.981
143.3946	-49.6085	-2.84999	-20.158	-351.093
143.3028	-49.8812	-3.12534	-20.0481	-320.311
143	-50.1906	-2.73603	-19.9242	-365.499
142.3033	-50.2866	-2.78032	-19.886	-359.671
142	-50.3773	-2.78761	-19.8502	-358.826
142	-50.4509	-2.96757	-19.8213	-337.065
142.6958	-50.3229	-2.79339	-19.8717	-358.198
144.3912	-49.9706	-3.07688	-20.0121	-325.051
144.3047	-50.067	-2.91983	-19.9734	-342.54
144	-50.0465	-2.77738	-19.9815	-360.076
144	-49.9947	-2.86436	-20.0021	-349.174
144	-49.9551	-2.72001	-20.018	-367.653
145.3885	-49.8084	-2.77181	-20.077	-360.775
145.3061	-49.8946	-2.76908	-20.0423	-361.137
242.1071	-50.1411	-2.72623	-19.9438	-366.829
-99999	-99999	-2.81515	-99999	-355.227
144	-49.8805	-2.77067	-20.0479	-360.932
144	-49.9201	-2.82708	-20.032	-353.722
144	-49.9377	-99999	-20.025	-99999

142.6152	-50.069	-2.24646	-19.9725	-445.26
142	-50.0477	-2.08793	-19.981	-479.199
140.616	-50.2652	-1.89669	-19.8947	-527.309
140	-50.4569	-1.98915	-19.8189	-502.799
137.9255	-51.0498	-1.89212	-19.5898	-528.528
136.3088	-51.2526	-1.9792	-19.5112	-507.818
136	-51.3484	-2.70981	-19.4748	-369.831
136	-51.4005	-3.31437	-19.4551	-301.734
135.3096	-51.6252	-3.43373	-19.3706	-291.255
135.6901	-51.6928	-3.57821	-19.3451	-279.47
137.3796	-51.5751	-3.58072	-19.3892	-279.276
140.0685	-51.0954	-3.62813	-19.5719	-275.624
142.3788	-50.4195	-3.61568	-19.8344	-276.578
142.3108	-50.3468	-3.53777	-19.8623	-282.743
139.9333	-51.0365	-3.2685	-19.5952	-306.139
139	-51.3941	-2.94622	-19.4575	-339.635
139	-51.3528	-3.31818	-19.4731	-301.662
139	-51.2428	-3.80218	-19.5149	-263.017
136.2481	-51.7908	-3.6843	-19.3096	-271.514
137.063	-51.6932	-3.39828	-19.3454	-294.28
142.8116	-50.4878	-3.49155	-19.8106	-286.45
145.6871	-49.8727	-3.30283	-20.0511	-302.773
145.313	-49.7937	-3.30907	-20.0829	-303.026
144.3132	-49.9297	-2.60505	-20.0283	-383.934
143.3136	-50.2152	-2.46477	-19.9145	-405.787
145.0584	-49.8895	-2.62284	-20.045	-381.322
148.0575	-49.2325	-2.76463	-20.3126	-361.765
147.6285	-49.0238	-2.61316	-20.3983	-382.686
147	-48.782	-2.54769	-20.4996	-392.793
146.3151	-48.6495	-2.24998	-20.5552	-444.459
145.3154	-48.866	-2.19831	-20.4643	-454.941
146.3686	-48.8057	-2.09705	-20.4895	-476.873
147	-48.6482	-2.04923	-20.5558	-488.002
145.632	-48.8157	-2.0928	-20.4854	-477.95
143.6326	-49.2399	-1.9375	-20.3092	-516.195
144.3668	-49.1038	-1.84579	-20.3654	-542.039
145.6831	-48.9081	-2.05376	-20.4465	-487.024
147.366	-48.6758	-2.19219	-20.5443	-456.617
146.6344	-48.8253	-1.88628	-20.4814	-530.16
146	-48.9387	-1.8367	-20.4337	-544.455
146.6822	-48.9977	-1.83122	-20.4091	-546.265
147.6819	-49.0435	-1.68832	-20.3901	-592.635
148.6818	-48.8721	-1.88517	-20.4617	-530.521
148.3184	-48.8885	-1.78906	-20.4547	-558.974
147.3187	-48.9566	-1.82344	-20.4263	-549.815
245.058	-49.3373	-1.44008	-20.2692	-695.46
-99999	-99999	-1.73615	-99999	-575.987

148	-49.2258	-1.73965	-20.3146	-574.946
147.3197	-49.2872	-1.86527	-20.2893	-536.116
147	-49.2374	-99999	-20.3098	-99999
145.6408	-49.4035	-1.79193	-20.2417	-558.076
146.3586	-49.217	-1.84445	-20.3185	-542.227
147.6792	-48.983	-1.93518	-20.4153	-516.999
149.358	-48.8152	-1.73037	-20.4855	-577.992
248.4071	-48.8691	-1.62749	-20.4629	-614.538
193.9237	-48.9332	-1.53323	-20.436	-652.328
146	-48.9387	-1.63119	-20.4337	-613.217
147.3559	-48.656	-1.49999	-20.5528	-666.683
147.3223	-48.7832	-1.46958	-20.4991	-680.469
247.9399	-48.5853	-1.45795	-20.5828	-687.305
195.7827	-48.2065	-1.16911	-20.7443	-857.141
148	-48.0991	-1.46229	-20.7904	-685.049
147.3233	-48.241	-1.18227	-20.7293	-845.839
148.3525	-48.0669	-1.20075	-20.8046	-832.81
149	-47.8267	-1.19117	-20.9089	-841.349
149.6758	-47.8333	-0.93294	-20.906	-1071.99
151.3511	-47.544	-0.88117	-21.0336	-1136.48
152.6753	-47.3752	-0.7269	-21.1081	-1376.76
154.35	-47.2162	-0.83434	-21.1793	-1200.26
155	-47.143	-0.68466	-21.2121	-1460.59
154.3256	-47.2392	-0.69468	-21.1689	-1439.86
154	-47.1201	-0.75435	-21.2225	-1325.64
152.6521	-47.2758	-0.75773	-21.1527	-1320.39
153.3473	-47.1958	-0.85396	-21.1885	-1171.02
154.6734	-47.2524	-0.8486	-21.1631	-1178.53
153.6536	-47.5991	-0.89422	-21.0091	-1118.29
153	-47.5282	-0.90812	-21.0403	-1102.85
151.6546	-47.7465	-1.12369	-20.9444	-890.134
151	-48.0624	-1.22575	-20.8064	-816.171
151.6722	-48.3217	-1.37574	-20.6948	-727.141
151.328	-48.507	-1.5327	-20.6156	-652.778
149.6565	-48.7114	-1.73797	-20.5292	-575.401
148.3285	-48.729	-1.78819	-20.5217	-559.284
145.9864	-49.0798	-1.69936	-20.3756	-589.117
145.671	-49.2437	-2.05013	-20.3072	-487.811
144.6585	-49.3956	-2.1511	-20.2448	-464.879
144	-49.4362	-2.15802	-20.2281	-463.504
143.3297	-49.5971	-2.35793	-20.1626	-424.107
143	-49.6075	-2.31405	-20.1583	-432.198
142.3302	-49.7495	-2.47367	-20.1008	-404.337
142.6695	-49.7362	-2.68083	-20.1061	-373.036
142.3308	-49.8656	-2.77891	-20.054	-359.916
142	-49.9158	-2.58314	-20.0337	-387.269
142	-49.8966	-2.88792	-20.0414	-346.27

142.6682	-49.9488	-2.89241	-20.0205	-345.76
143.668	-50.026	-3.04125	-19.9896	-328.859
144.6678	-49.8749	-2.845	-20.0503	-351.593
144.3325	-49.7343	-3.13933	-20.1069	-318.551
142.6655	-49.9494	-3.02924	-20.0205	-330.116
143.334	-49.867	-3.03229	-20.0535	-329.795
143.3332	-50.0572	-3.14397	-19.9775	-318.072
143.6666	-50.1774	-3.20512	-19.9293	-312.03
142.6674	-50.3293	-3.39972	-19.8693	-294.144
142	-50.374	-3.34846	-19.8515	-298.67
141.3342	-50.5696	-3.54075	-19.7749	-282.427
139.6689	-51.1042	-3.50509	-19.5686	-285.314
139	-51.2085	-3.66575	-19.528	-272.826
139	-51.2267	-3.91898	-19.5211	-255.172
139.6648	-51.1976	-4.01087	-19.5322	-249.331
138.6708	-51.3701	-3.87483	-19.4667	-258.112
136.6713	-51.791	-4.16652	-19.3087	-240.033
136.6641	-51.8468	-3.91064	-19.2876	-255.73
137	-51.758	-4.12311	-19.3207	-242.536
136.3366	-51.8439	-4.07765	-19.2887	-245.243
135.3368	-51.8201	-4.17189	-19.2975	-239.701
134.3371	-51.9233	-4.13156	-19.2592	-242.069
134.6628	-51.9264	-4.44005	-19.2581	-225.227
134.3375	-52.069	-4.31419	-19.2054	-231.8
132.6756	-52.4081	-4.47542	-19.0813	-223.448
130.676	-52.7499	-4.61862	-18.9575	-216.515
128.6765	-53.2888	-4.62002	-18.7663	-216.45
129.3231	-53.3263	-4.68341	-18.7526	-213.52
129.3387	-53.5826	-4.70127	-18.6632	-212.711
129	-53.7956	-4.80193	-18.5889	-208.26
129.6608	-53.7056	-5.04343	-18.6201	-198.286
130.6605	-53.5437	-5.27745	-18.6764	-189.486
130.3397	-53.6295	-5.31719	-18.6465	-188.084
130.66	-53.6292	-5.00461	-18.6466	-199.817
132.3195	-53.2439	-5.09231	-18.7819	-196.385
131.6809	-53.2418	-4.84172	-18.7824	-206.539
131.6593	-53.0887	-4.775	-18.8366	-209.432
131.3409	-53.1034	-4.57214	-18.8313	-218.716
132.3177	-52.9297	-4.54183	-18.8932	-220.178
132.3418	-53.0801	-4.64674	-18.8397	-215.217
133.316	-52.9111	-4.39709	-18.9	-227.427
133.3422	-52.8184	-4.53497	-18.9328	-220.523
133	-52.7504	-4.27092	-18.9573	-234.142
133.6573	-52.5911	-4.31947	-19.0147	-231.511
135.314	-52.4336	-4.37797	-19.0718	-228.421
136	-52.2047	-4.23283	-19.1555	-236.251
134.0304	-52.1771	-4.12306	-19.1655	-242.539

134.3127	-51.8562	-4.04738	-19.2846	-247.089
135.6561	-51.53	-3.81049	-19.4063	-262.444
136	-51.6016	-3.99732	-19.3793	-250.179
137.3112	-51.2898	-3.78692	-19.4976	-264.075
138	-51.0492	-3.63166	-19.589	-275.369
138	-50.9188	-3.82792	-19.6392	-261.239
139.3097	-50.5819	-3.77503	-19.7702	-264.919
140.6546	-50.2965	-3.51955	-19.8822	-284.129
141.6544	-50.1979	-3.57965	-19.9211	-279.36
142	-50.1845	-3.67365	-19.9265	-272.252
142.6539	-49.9721	-3.31119	-20.0114	-302.02
144.3073	-49.5861	-3.50982	-20.1673	-284.915
144.3468	-49.6907	-3.50916	-20.1248	-284.969
145.306	-49.7019	-3.45829	-20.12	-289.164
146	-49.5625	-3.34974	-20.1766	-298.534
146	-49.4474	-3.24687	-20.2236	-308.018
144.6954	-49.6034	-3.53807	-20.1601	-282.668
144.652	-49.6097	-3.23979	-20.1574	-308.693
145.6518	-49.5721	-3.54839	-20.1726	-281.829
146.6515	-49.5205	-3.35226	-20.1937	-298.31
147	-49.4138	-3.45168	-20.2373	-289.714
145.6979	-49.5682	-3.49177	-20.1744	-286.389
145	-49.5975	-3.43571	-20.1624	-291.064
145.6504	-49.4597	-3.54189	-20.2185	-282.335
146	-49.4823	-3.54974	-20.2093	-281.713
145.3501	-49.62	-3.4522	-20.1532	-289.673
145	-49.5599	-3.55169	-20.1776	-281.558
144.3506	-49.4458	-3.64681	-20.2242	-274.232
144	-49.4549	-3.34575	-20.2204	-298.903
144	-49.5134	-3.6088	-20.1966	-277.102
144	-49.5339	-3.51732	-20.1882	-284.313
144	-49.5339	-3.36119	-20.1882	-297.528
142.7037	-49.6557	-3.61735	-20.1388	-276.453
141.3522	-49.5534	-3.41106	-20.1804	-293.172
142.2951	-49.4931	-3.61678	-20.2048	-276.505
143	-49.6238	-3.3174	-20.1517	-301.447
143	-49.6857	-3.49522	-20.1265	-286.106
143.6468	-49.6252	-3.57781	-20.1511	-279.501
144	-49.5921	-3.51868	-20.1645	-284.197
145.2926	-49.51	-3.51831	-20.198	-284.228
146.6461	-49.5907	-3.46094	-20.1651	-288.945
146.3541	-49.5712	-3.6674	-20.1731	-272.682
145.3544	-49.5822	-3.39419	-20.1685	-294.626
145	-49.5028	-3.5812	-20.2009	-279.238
145	-49.516	-3.44315	-20.1955	-290.433
145.6449	-49.4978	-3.50133	-20.203	-285.606
146	-49.5022	-3.55929	-20.2011	-280.956

145.3557	-49.6931	-3.45098	-20.1237	-289.774
145.6441	-49.5424	-3.39421	-20.185	-294.626
145.3561	-49.541	-3.64887	-20.1854	-274.061
145.6437	-49.5185	-3.44323	-20.1945	-290.426
146	-49.6493	-3.55057	-20.1414	-281.645
146.6431	-49.5824	-3.50073	-20.1686	-285.656
146.3571	-49.5474	-3.39328	-20.1827	-294.701
146	-49.3945	-3.43458	-20.2453	-291.156
144.7157	-49.4844	-3.64016	-20.2086	-274.713
144.6419	-49.5325	-3.2859	-20.1888	-304.331
144.3584	-49.484	-3.65927	-20.2086	-273.278
142.7172	-49.6335	-3.4597	-20.1478	-289.043
142.6411	-49.5105	-3.40124	-20.1979	-294.01
143	-49.4679	-3.56894	-20.2152	-280.195
143.6407	-49.4504	-3.52766	-20.2223	-283.474
143.3596	-49.5517	-3.47695	-20.181	-287.608
143	-49.5147	-3.57821	-20.1961	-279.47
143.6399	-49.354	-3.30843	-20.2618	-302.258
144	-49.4493	-3.67885	-20.2228	-271.824
144	-49.6452	-3.52766	-20.143	-283.474
144.6391	-49.5002	-3.41771	-20.2021	-292.594
145.6389	-49.5089	-3.61905	-20.1985	-276.316
145.3613	-49.5655	-3.55978	-20.1753	-280.916
145	-49.4831	-3.50982	-20.2089	-284.915
145	-49.5521	-3.4924	-20.1809	-286.336
145.6379	-49.6293	-3.45122	-20.1494	-289.752
146.6377	-49.5425	-3.55978	-20.1847	-280.916
146.3625	-49.6199	-3.50121	-20.1533	-285.616
145.3629	-49.6438	-3.54168	-20.1435	-282.352
145	-49.5413	-3.63985	-20.1852	-274.738
145.6366	-49.5507	-3.59123	-20.1814	-278.457
146	-49.6166	-3.50139	-20.1546	-285.602
146	-49.5644	-3.40164	-20.1758	-293.977
146	-49.4124	-3.69763	-20.2379	-270.452
145.3644	-49.4814	-3.33722	-20.2097	-299.665
145.6353	-49.5718	-3.64818	-20.1728	-274.12
145.3649	-49.6022	-3.50178	-20.1604	-285.571
145	-49.5046	-3.45148	-20.2002	-289.731
143.7307	-49.5222	-3.49217	-20.193	-286.355
143	-49.5689	-3.50101	-20.1739	-285.632
143.6341	-49.5467	-3.55944	-20.183	-280.944
144.6339	-49.4382	-3.41858	-20.2273	-292.522
144.3663	-49.4416	-3.62725	-20.2259	-275.697
144	-49.3264	-3.4109	-20.2732	-293.186
142.7336	-49.4708	-3.50913	-20.2142	-284.973
142.6327	-49.4702	-3.56851	-20.2143	-280.23
144.2651	-49.2751	-3.3685	-20.2943	-296.875

145	-49.4284	-3.42563	-20.2315	-291.918
145.6321	-49.389	-3.47654	-20.2475	-287.643
145.3683	-49.4592	-3.56817	-20.2188	-280.258
145	-49.5572	-3.45225	-20.1787	-289.669
145.6312	-49.4626	-3.45122	-20.2174	-289.752
146.6309	-49.4224	-3.24508	-20.2337	-308.17
145.7386	-49.5471	-3.44926	-20.1829	-289.928
145	-49.4318	-3.54978	-20.2301	-281.71
144.3699	-49.5297	-3.59065	-20.1901	-278.501
145.2599	-49.4606	-3.29632	-20.2183	-303.391
146	-49.4585	-3.45797	-20.219	-289.194
146	-49.5588	-3.50928	-20.178	-284.959
146	-49.5801	-3.50115	-20.1694	-285.62
146	-49.5078	-3.4435	-20.1989	-290.403
146	-49.5734	-3.49184	-20.1722	-286.383
146	-49.6374	-3.4924	-20.1461	-286.336
146	-49.6014	-3.39434	-20.1607	-294.611
145.372	-49.5657	-3.54001	-20.1752	-282.491
144.3723	-49.5059	-3.5418	-20.1996	-282.342
143.3725	-49.5341	-3.49302	-20.1881	-286.286
143	-49.6422	-3.65713	-20.1442	-273.446
143.627	-49.627	-3.36294	-20.1503	-297.387
144.6268	-49.4975	-3.62502	-20.2031	-275.882
144.3737	-49.4627	-3.52019	-20.2173	-284.079
142.7477	-49.5562	-3.46052	-20.1792	-288.975
142.6259	-49.5086	-3.35264	-20.1986	-298.277
143.6258	-49.4665	-3.56575	-20.2157	-280.462
144.6254	-49.454	-3.42819	-20.2208	-291.707
145	-49.4048	-3.31776	-20.241	-301.413
145	-49.4556	-3.56508	-20.2202	-280.521
144.3753	-49.6657	-3.35444	-20.1348	-298.131
145.2491	-49.4693	-3.30163	-20.215	-302.882
146	-49.3997	-3.39965	-20.2431	-294.152
145.3761	-49.6303	-3.40124	-20.1491	-294.01
145.6237	-49.4199	-3.4504	-20.2353	-289.822
144.7531	-49.4568	-3.39411	-20.2199	-294.629
144.6233	-49.5342	-3.39316	-20.1881	-294.711
146.2459	-49.4211	-3.4011	-20.2343	-294.022
146.3773	-49.5735	-3.25302	-20.1723	-307.418
146.6225	-49.4949	-3.39857	-20.2043	-294.252
145.1333	-49.5457	-3.33677	-20.1835	-299.693
144	-49.5778	-3.38426	-20.1704	-295.487
145.2434	-49.4552	-3.33652	-20.2204	-299.715
146.6215	-49.4578	-3.50657	-20.2193	-285.192
145.758	-49.4952	-3.41136	-20.204	-293.143
141.2759	-49.595	-3.34458	-20.1634	-298.993
139	-49.4657	-3.23127	-20.2162	-309.484

139	-49.5386	-3.39783	-20.1865	-294.321
139.62	-49.4819	-3.18784	-20.2096	-313.719
139.3802	-49.4361	-3.3525	-20.2282	-298.301
138.3805	-49.4948	-3.39904	-20.2041	-294.201
138	-49.3184	-3.39994	-20.2766	-294.123
137.381	-49.5273	-3.24648	-20.1914	-308.04
137.6187	-49.5921	-3.46476	-20.1646	-288.648
138	-49.4708	-3.21087	-20.214	-311.484
138.6183	-49.3878	-3.41245	-20.2479	-293.07
139	-49.3886	-3.25443	-20.2476	-307.29
139.6178	-49.3901	-3.199	-20.247	-312.6
140.6175	-49.3552	-3.35246	-20.2613	-298.304
227.4266	-49.4268	-3.19438	-20.232	-313.068
-99999	-99999	-3.39515	-99999	-294.565
140	-49.4972	-3.18166	-20.2032	-314.335
140	-49.4601	-3.28145	-20.2183	-304.751
140.6163	-49.3413	-99999	-20.2671	-99999
141	-49.3927	-3.28783	-20.246	-304.152
141	-49.3509	-3.237	-20.2631	-308.93
140.3846	-49.3401	-3.33717	-20.2675	-299.663
140	-49.3767	-3.28165	-20.2525	-304.727
140	-49.4138	-3.33826	-20.2373	-299.56
140.6146	-49.4155	-3.18746	-20.2366	-313.747
141	-49.4019	-3.39439	-20.2421	-294.636
141	-49.4387	-3.24003	-20.2271	-308.658
140.3862	-49.4835	-3.22856	-20.2088	-309.736
140	-49.4603	-3.22836	-20.2183	-309.755
139.3866	-49.3468	-3.27876	-20.2648	-304.995
138.3869	-49.4239	-3.28762	-20.2332	-304.171
138.6129	-49.3745	-3.23715	-20.2535	-308.916
138.3874	-49.4982	-3.3016	-20.203	-302.887
138.6123	-49.3466	-3.25219	-20.2652	-307.488
138.3878	-49.3761	-3.30198	-20.2529	-302.851
138.6118	-49.4494	-3.35456	-20.2227	-298.104
139	-49.449	-3.20236	-20.2229	-312.29
139	-49.3609	-3.24921	-20.259	-307.77
138.3889	-49.3862	-3.40387	-20.2486	-293.802
138	-49.5219	-3.24802	-20.1931	-307.902
139.8319	-49.3198	-3.30169	-20.2762	-302.878
140.3898	-49.4391	-3.20101	-20.2273	-312.411
140	-49.5439	-3.30027	-20.1841	-303.015
140	-49.3868	-3.23779	-20.2484	-308.857
225.9252	-49.3791	-3.38675	-20.2515	-295.288
-99999	-99999	-3.29103	-99999	-303.866
141	-49.4618	-3.13595	-20.2176	-318.906
141	-49.3888	-3.33321	-20.2475	-300.05
140.3916	-49.5092	-99999	-20.1984	-99999

140.6082	-49.4131	-3.28016	-20.2378	-304.864
140.3921	-49.4855	-3.17973	-20.2082	-314.502
141.2155	-49.5014	-3.38453	-20.2015	-295.502
142	-49.318	-3.13302	-20.2766	-319.249
140.7857	-49.4719	-3.38274	-20.2138	-295.682
140.607	-49.3768	-3.27654	-20.2527	-305.213
139.7867	-49.447	-3.32982	-20.224	-300.32
139.6065	-49.535	-3.18167	-20.1878	-314.324
140	-49.3874	-3.28405	-20.2481	-304.514
140	-49.3894	-3.3458	-20.2473	-298.886
138.7885	-49.5539	-3.49827	-20.1801	-285.875
138	-49.5932	-3.14388	-20.1641	-318.213
138.6053	-49.5107	-3.44062	-20.1977	-290.739
139	-49.4358	-3.3594	-20.2283	-297.681
137.7906	-49.418	-3.30532	-20.2355	-302.545
137	-49.4593	-3.24533	-20.2187	-308.139
137	-49.5207	-3.40254	-20.1936	-293.923
138.2082	-49.3539	-3.37401	-20.262	-296.385
139	-49.485	-3.21128	-20.2085	-311.431
140.2063	-49.4292	-3.46854	-20.2312	-288.375
141	-49.2817	-3.25921	-20.2915	-306.874
140.3973	-49.4838	-3.39439	-20.2089	-294.625
140.6026	-49.3785	-3.34205	-20.252	-299.221
141	-49.3301	-3.13245	-20.2717	-319.291
141.602	-49.2729	-3.38136	-20.2952	-295.812
141.3982	-49.2442	-3.29182	-20.307	-303.795
141	-49.2089	-3.23065	-20.3216	-309.539
140.3987	-49.181	-3.27813	-20.3331	-305.055
140.601	-49.2831	-3.13038	-20.291	-319.478
142.2015	-49.1932	-3.23134	-20.3281	-309.484
142.3994	-49.2583	-3.034	-20.3013	-329.654
141.3997	-49.3521	-3.17043	-20.2626	-315.444
141	-49.2695	-3.21929	-20.2966	-310.63
141	-49.2936	-3.22109	-20.2866	-310.454
141	-49.4852	-2.97181	-20.2082	-336.588
141.5993	-49.3812	-3.27447	-20.2508	-305.524
141.401	-49.4117	-3.18096	-20.2383	-314.385
142.7967	-49.3175	-3.16973	-20.277	-315.484
142.8029	-49.399	-3.11979	-20.2436	-320.538
142.5983	-49.4184	-3.32284	-20.2355	-301.001
142.4019	-49.46	-3.11415	-20.2184	-321.18
142	-49.4389	-3.36368	-20.2271	-297.377
141.4023	-49.4238	-3.22079	-20.2332	-310.513
141	-49.426	-3.16476	-20.2323	-315.983
141.5971	-49.3456	-3.42288	-20.2653	-292.234
142.5969	-49.3581	-3.28685	-20.2601	-304.27
143	-49.4977	-3.23061	-20.203	-309.543

143	-49.4636	-3.17203	-20.217	-315.26
142.4039	-49.4483	-3.26089	-20.2232	-306.676
143.1917	-49.4099	-3.41096	-20.2389	-293.199
144	-49.5321	-3.27189	-20.1891	-305.661
144	-49.5809	-3.32129	-20.1691	-301.092
144	-49.4643	-3.26069	-20.2167	-306.689
144	-49.3469	-3.29888	-20.2647	-303.136
144	-49.404	-3.40446	-20.2413	-293.746
144.5941	-49.4551	-3.31308	-20.2204	-301.846
145	-49.4757	-3.2115	-20.212	-311.394
145	-49.4302	-3.3519	-20.2306	-298.367
143.8133	-49.4584	-3.35148	-20.219	-298.376
143.5931	-49.4549	-3.20032	-20.2205	-312.502
144	-49.4863	-3.49483	-20.2077	-286.253
144	-49.5684	-3.17253	-20.1742	-315.367
144.5925	-49.4682	-3.30112	-20.2151	-302.959
143.8157	-49.5277	-3.40459	-20.1909	-293.734
143	-49.4532	-3.45727	-20.2213	-289.248
142.4083	-49.5284	-3.30854	-20.1907	-302.279
142.5914	-49.503	-3.25979	-20.201	-306.771
142.4087	-49.4127	-3.41782	-20.2377	-292.619
141.4091	-49.5529	-3.27301	-20.1805	-305.563
141	-49.5701	-3.46648	-20.1735	-288.531
141	-49.5566	-3.28274	-20.179	-304.676
141.5902	-49.49	-3.22365	-20.2062	-310.211
142	-49.3917	-3.32622	-20.2463	-300.658
141.4103	-49.5282	-3.38067	-20.1907	-295.803
141.5894	-49.6191	-3.27818	-20.1535	-305.063
142.589	-49.5142	-3.42628	-20.1963	-291.895
143.5887	-49.5342	-3.23204	-20.1881	-309.464
144.5885	-49.4001	-3.41546	-20.2431	-292.841
144.4118	-49.3892	-3.32183	-20.2475	-301.055
143.4121	-49.5304	-3.25382	-20.1896	-307.337
143	-49.5344	-3.40108	-20.188	-294.058
143	-49.4756	-3.36165	-20.212	-297.476
143.5873	-49.4998	-3.21489	-20.2021	-311.086
144	-49.568	-3.35848	-20.1743	-297.789
143.4133	-49.5785	-3.31884	-20.1701	-301.314
143.5865	-49.4798	-3.20605	-20.2103	-311.93
144.5862	-49.397	-3.44573	-20.2442	-290.304
145	-49.485	-3.22055	-20.2082	-310.598
145	-49.4892	-3.30291	-20.2064	-302.779
144.4145	-49.4613	-3.30124	-20.2179	-302.916
144	-49.4412	-3.44296	-20.2261	-290.477
143.415	-49.5058	-3.1594	-20.1997	-316.66
143	-49.5346	-3.34698	-20.1879	-298.847
142.4155	-49.4615	-3.31124	-20.2178	-302.006

141.4158	-49.4821	-3.41161	-20.2093	-293.133
141.5841	-49.3965	-3.36984	-20.2444	-296.754
142	-49.4463	-3.27791	-20.2241	-305.086
142.5833	-49.4561	-3.32841	-20.22	-300.449
142.417	-49.4124	-3.17871	-20.2378	-314.635
141.4173	-49.5512	-3.36328	-20.1812	-297.392
141	-49.6057	-3.27144	-20.159	-305.694
142.1645	-49.402	-3.27215	-20.2423	-305.61
143	-49.5135	-3.22409	-20.1968	-310.169
144.1635	-49.4415	-3.37381	-20.2263	-296.44
144.4185	-49.4217	-3.37556	-20.2342	-296.248
226.5481	-49.4859	-3.31235	-20.2078	-301.907
202.9142	-49.6213	-3.20621	-20.1528	-311.914
143	-49.7439	-3.39696	-20.103	-294.448
144.1611	-49.5004	-3.32167	-20.2022	-301.066
144.4197	-49.3781	-3.35644	-20.2519	-297.938
143.4199	-49.5051	-3.359	-20.2	-297.707
143	-49.6028	-3.25692	-20.1602	-307.057
144.1593	-49.4857	-3.3049	-20.208	-302.586
145	-49.3829	-3.21299	-20.2499	-311.254
143.8419	-49.4566	-3.25459	-20.2198	-307.263
143	-49.5781	-3.29818	-20.1702	-303.2
144.1572	-49.3842	-3.10466	-20.2498	-322.176
144.4216	-49.3623	-3.34995	-20.2585	-298.638
144	-49.4755	-3.2645	-20.212	-306.345
143.4225	-49.4955	-3.15586	-20.2038	-316.892
143	-49.5102	-3.34581	-20.1979	-298.955
142.4229	-49.4277	-3.16227	-20.2316	-316.306
142	-49.3673	-3.15535	-20.2563	-316.922
142.5766	-49.3817	-3.15578	-20.2504	-316.879
142.4237	-49.4464	-3.21693	-20.2239	-310.864
142	-49.4177	-3.22109	-20.2357	-310.454
141.4242	-49.3527	-3.06399	-20.2623	-326.428
141	-49.3419	-3.10733	-20.2668	-321.826
142.1507	-49.4049	-3.21397	-20.241	-311.164
144.1502	-49.3447	-2.97815	-20.2657	-335.923
144.4251	-49.4199	-3.16236	-20.2349	-316.315
144.5746	-49.3461	-3.10928	-20.2653	-321.629
145	-49.2071	-2.99773	-20.3223	-333.615
145	-49.2745	-3.18599	-20.2945	-313.963
145	-49.358	-2.95639	-20.2601	-338.401
145	-49.2482	-2.93913	-20.3054	-340.237
144.4266	-49.2348	-3.03431	-20.3109	-329.589
144.5733	-49.0764	-3.08843	-20.3767	-323.794
145	-49.0466	-2.90161	-20.3889	-344.737
145.5726	-49.1632	-2.98864	-20.3404	-334.629
145.4275	-49.2938	-2.70281	-20.2866	-370.273

145	-49.2147	-2.87393	-20.3193	-348.076
145	-49.055	-2.93063	-20.3853	-341.229
146.1434	-48.9261	-2.69164	-20.4391	-371.725
146.4286	-49.0347	-2.82538	-20.3939	-354.014
146	-49.1409	-2.78858	-20.3497	-358.613
145.429	-48.9643	-2.68153	-20.4232	-372.961
143.2876	-48.9394	-2.72153	-20.4335	-367.449
143.1409	-48.9352	-2.67743	-20.4352	-373.501
144.5702	-48.864	-2.63261	-20.465	-379.858
145	-48.782	-2.68886	-20.4994	-371.919
144.4303	-48.7822	-2.43913	-20.4993	-410.29
143.4304	-48.9082	-2.61468	-20.4465	-382.63
143	-48.9739	-2.53244	-20.4191	-394.919
144.138	-48.8009	-2.37836	-20.4916	-420.573
145.5688	-48.6186	-2.46748	-20.5683	-405.325
146.5685	-48.5972	-2.4752	-20.5773	-404.008
147	-48.5079	-2.47276	-20.6153	-404.407
147	-48.4985	-2.22501	-20.6192	-449.828
146.4325	-48.7033	-2.44841	-20.5327	-408.775
146.5673	-48.7688	-2.12652	-20.505	-471.081
147.567	-48.6118	-2.19716	-20.5712	-455.206
147.4332	-48.6059	-2.20483	-20.5737	-453.55
147	-48.6024	-2.34982	-20.5751	-425.702
147.5662	-48.5003	-2.02166	-20.6184	-495.61
148.5661	-48.4459	-2.09161	-20.6416	-478.186
149.5658	-48.283	-2.00205	-20.7114	-499.577
149.4344	-48.1823	-1.75204	-20.7545	-571.547
149	-48.0566	-1.73422	-20.8089	-576.629
148.435	-48.1718	-1.73436	-20.7594	-576.582
149.1297	-48.141	-1.53879	-20.7726	-650.627
150	-47.9523	-1.51991	-20.8541	-657.936
149.4356	-47.9745	-1.61828	-20.8444	-618.138
149.5641	-47.756	-1.7732	-20.9402	-564.298
149.4362	-47.5713	-1.54287	-21.0211	-649.299
149	-47.6513	-1.56926	-20.9858	-637.291
149	-47.7054	-1.42461	-20.962	-702.524
148.4368	-47.8927	-1.60511	-20.8803	-623.858
147.4372	-48.018	-1.72033	-20.8255	-581.454
146.4374	-47.9823	-1.53289	-20.841	-653.165
144.8758	-48.1718	-1.76132	-20.7594	-568.822
145.6854	-48.1814	-1.731	-20.7551	-577.744
147	-48.1674	-1.87304	-20.761	-534.192
147	-48.2137	-1.93463	-20.741	-516.924
147	-48.2211	-1.79297	-20.7378	-558.03
147.5609	-48.3679	-1.73274	-20.675	-577.159
148.5606	-48.4126	-1.87491	-20.6558	-533.661
147.8791	-48.6067	-1.93655	-20.5737	-516.412

146.4399	-48.8063	-1.74913	-20.4892	-572.255
146	-48.7863	-1.87772	-20.4976	-532.86
145.4403	-48.9109	-1.98618	-20.4455	-503.586
145	-49.2272	-1.99428	-20.3142	-501.434
144.4408	-49.4673	-2.13952	-20.2154	-467.598
144	-49.4685	-1.95858	-20.2149	-510.98
143.4414	-49.5996	-2.23027	-20.1617	-449.134
222.8566	-49.8086	-2.35271	-20.0769	-425.109
206.7452	-49.8072	-2.26568	-20.0774	-441.437
144	-49.7657	-2.11238	-20.0942	-473.588
144	-49.7335	-2.09924	-20.1072	-476.363
144	-49.5784	-2.14679	-20.1702	-465.832
142.8856	-49.7102	-2.15108	-20.117	-464.883
140.8868	-50.1325	-2.29469	-19.9475	-435.954
140.5565	-50.1701	-2.11686	-19.9324	-472.722
140.4439	-49.974	-2.38888	-20.0104	-419.241
139.4441	-49.9671	-2.31972	-20.0132	-431.152
138.4443	-50.1301	-2.31092	-19.9482	-432.728
139.1108	-50.0522	-2.55782	-19.9793	-391.327
140.5553	-49.7616	-2.43572	-20.096	-410.685
141	-49.6073	-2.57016	-20.1583	-389.208
141.5546	-49.4293	-2.58091	-20.2311	-387.461
142	-49.3407	-2.58062	-20.2673	-387.503
142.5542	-49.5114	-2.53251	-20.1975	-394.879
144.1081	-49.3945	-2.52799	-20.2455	-395.571
143.8926	-49.3423	-2.38103	-20.2667	-420.13
143	-49.5164	-2.79587	-20.1954	-358.6
144.1065	-49.2706	-2.54685	-20.2967	-393.081
145	-49.0296	-2.66739	-20.3958	-375.014
144.4472	-49.3084	-2.77596	-20.2811	-360.277
145.1049	-49.2703	-2.59261	-20.2967	-385.903
146	-49.0894	-2.76649	-20.371	-361.648
145.448	-49.1662	-2.78096	-20.3392	-359.588
145	-49.1745	-2.82727	-20.3357	-353.708
145	-49.213	-2.68793	-20.3199	-372.133
145	-49.3625	-2.72426	-20.2584	-367.084
145	-49.3769	-2.87373	-20.2524	-348.071
143.899	-49.4912	-2.7902	-20.2058	-358.439
143.5502	-49.4793	-2.92002	-20.2106	-342.545
143.4499	-49.5703	-3.0314	-20.1737	-329.916
143.5497	-49.6284	-3.04658	-20.1498	-328.237
142.9011	-49.7332	-3.04713	-20.1076	-328.178
142	-49.7037	-3.1398	-20.1195	-318.521
140.902	-49.715	-3.00464	-20.1149	-332.892
140.5488	-49.866	-3.23322	-20.0537	-309.479
141.5485	-49.7268	-3.17128	-20.11	-315.353
142	-49.5396	-3.16881	-20.1859	-315.576

140.9039	-49.5905	-3.20981	-20.1652	-311.55
139.4522	-49.7946	-3.21391	-20.0826	-311.148
139.5476	-49.8066	-3.12061	-20.0777	-320.479
141.0946	-49.6961	-3.21748	-20.1223	-310.838
142.547	-49.6436	-3.18124	-20.1436	-314.35
143	-49.5954	-3.27047	-20.1632	-305.794
142.4535	-49.6844	-3.2665	-20.1271	-306.139
142.5464	-49.7286	-3.25839	-20.1092	-306.9
143	-49.7492	-3.2116	-20.1009	-311.378
143.5458	-49.7506	-3.16059	-20.1003	-316.404
143.4544	-49.7276	-3.29399	-20.1096	-303.642
141.9094	-49.8157	-3.21009	-20.074	-311.548
142.0903	-49.6764	-3.33671	-20.1306	-299.752
143	-49.6691	-3.35825	-20.1334	-297.774
143.5446	-49.7192	-3.22777	-20.113	-309.864
143.4556	-49.7956	-3.16135	-20.0823	-316.33
143	-49.8859	-3.38511	-20.0457	-295.564
143	-49.8282	-3.3113	-20.069	-302.024
143.5436	-49.7508	-3.30083	-20.1002	-302.954
143.4566	-49.8841	-3.25527	-20.0467	-307.2
143	-49.907	-3.39399	-20.0374	-294.697
141.9142	-49.8419	-3.35677	-20.0635	-297.913
140.4573	-49.8641	-3.39635	-20.0545	-294.44
140	-49.8862	-3.5977	-20.0456	-278.05
140	-50.0398	-3.44505	-19.9842	-290.349
140.5417	-50.0316	-3.38749	-19.9875	-295.208
140.4586	-49.9545	-3.42952	-20.0182	-291.592
140	-49.8763	-3.42693	-20.0497	-291.806
140	-49.859	-3.47191	-20.0566	-288.032
140	-50.0081	-3.29291	-19.9968	-303.783
141.0809	-49.9535	-3.51866	-20.0187	-284.364
141.4599	-50.0464	-3.25352	-19.9818	-307.615
141	-50.1299	-3.35962	-19.9482	-297.711
141	-50.1127	-3.41343	-19.9551	-292.965
141	-50.2586	-3.50851	-19.8971	-285.043
141	-50.3071	-3.57219	-19.8779	-279.947
141	-50.2807	-3.47938	-19.8883	-287.433
141	-50.2188	-3.60373	-19.9129	-277.536
141	-50.0724	-3.38544	-19.9712	-295.533
141	-50.0546	-3.359	-19.9782	-297.707
141.538	-50.1492	-3.4571	-19.9405	-289.287
142.5377	-50.0408	-3.33168	-19.9838	-300.205
141.9249	-50.1127	-3.40726	-19.9553	-293.515
141	-50.2499	-3.50034	-19.9005	-285.705
141	-50.1304	-3.32238	-19.948	-301.094
218.2951	-50.0814	-3.5412	-19.9675	-282.55
207.7489	-50.1391	-3.33539	-19.9445	-299.975

-99999	-99999	-3.3609	-99999	-297.548
141	-49.8171	-3.35276	-20.0735	-298.262
141	-49.8797	-3.45601	-20.0483	-289.383
141.5352	-49.945	-99999	-20.022	-99999
217.4266	-49.8555	-3.16257	-20.0581	-316.199
-99999	-99999	-3.44377	-99999	-290.626
139	-50.069	-3.32623	-19.9724	-300.711
139.5342	-49.9228	-3.3416	-20.0311	-299.261
140	-49.8582	-99999	-20.0569	-99999
140	-49.9132	-3.33179	-20.0348	-300.139
139.4664	-50.0276	-3.33179	-19.989	-300.139
139.5332	-50.1379	-3.23292	-19.945	-309.352
141.0659	-49.9826	-3.41171	-20.0072	-293.223
142	-50.0229	-3.38878	-19.9911	-295.098
142.5325	-50.0728	-3.42149	-19.971	-292.275
142.4676	-50.056	-3.41861	-19.9777	-292.516
142	-50.1577	-3.49986	-19.9371	-285.745
140.9365	-50.3177	-3.3683	-19.8738	-296.947
141.0632	-50.2103	-3.4479	-19.9166	-290.06
141.4687	-50.1549	-3.31809	-19.9384	-301.443
141	-50.3111	-3.44999	-19.8764	-289.925
141	-50.2159	-3.37094	-19.9141	-296.682
141	-50.0775	-3.359	-19.9691	-297.707
141	-50.2027	-3.40387	-19.9194	-293.79
141.5298	-50.2263	-3.22914	-19.91	-309.794
142	-50.0969	-3.34925	-19.9613	-298.644
142	-50.0394	-3.59112	-19.9843	-278.608
141.471	-50.063	-3.29134	-19.9749	-304.174
141.5288	-50.0269	-3.57798	-19.9893	-279.807
141.4715	-50.0357	-3.38798	-19.9858	-295.324
139.9432	-50.1802	-3.41114	-19.9282	-293.166
139.5281	-50.1314	-3.50737	-19.9477	-285.138
140	-49.9995	-3.42905	-20.0002	-291.651
139.4724	-50.0232	-3.47808	-19.9908	-287.526
139.5273	-50.0178	-3.531	-19.9929	-283.212
140	-50.0027	-3.49151	-19.9989	-286.415
140	-50.0304	-3.34922	-19.9878	-298.638
139.4734	-50.1431	-3.46826	-19.943	-288.388
139.5264	-50.1318	-3.53094	-19.9475	-283.217
141.0522	-49.8988	-3.53674	-20.0407	-282.746
142	-49.9326	-3.49157	-20.0272	-286.41
142	-50.1	-3.5309	-19.9601	-283.22
141.4747	-50.0868	-3.38647	-19.9653	-295.366
141	-50.0503	-3.40454	-19.9799	-293.73
141	-50.1712	-3.26874	-19.9319	-305.999
142.0488	-50.0901	-3.5402	-19.9643	-282.737
142.4759	-50.0274	-3.20478	-19.9892	-312.54

142	-50.1273	-3.33538	-19.9492	-299.936
142	-50.0671	-3.49224	-19.9732	-286.406
142	-50.0725	-3.28064	-19.9711	-305.004
142.5232	-50.1668	-3.25039	-19.9335	-307.655
142.4771	-50.2231	-3.34627	-19.9112	-298.873
142	-50.1518	-3.26315	-19.9395	-306.486
141.4776	-50.12	-3.33237	-19.9521	-300.112
140.4779	-50.2765	-3.35019	-19.8901	-298.491
141.044	-50.2171	-3.40252	-19.9137	-293.909
142	-50.0097	-3.27567	-19.9961	-305.347
140.9573	-50.0851	-3.39871	-19.9662	-294.3
139.4788	-50.1341	-3.41041	-19.9465	-293.22
139.5209	-49.9264	-3.32045	-20.0296	-301.193
140	-49.9177	-3.27028	-20.0331	-305.79
140	-50.091	-3.32381	-19.9637	-300.873
139.4799	-50.1673	-3.33179	-19.9333	-300.139
138.48	-50.1149	-3.5121	-19.9542	-284.837
138.5197	-50.0594	-3.25274	-19.9763	-307.732
139.5195	-50.0793	-3.40792	-19.9683	-293.571
140	-50.2388	-3.49529	-19.9051	-286.111
141.0379	-50.1582	-3.35261	-19.9373	-298.356
141.4812	-50.1238	-3.36982	-19.9508	-296.757
141.5185	-50.1116	-3.41253	-19.9557	-293.043
141.4817	-50.1532	-3.32176	-19.9392	-301.079
142.036	-50.1498	-3.35283	-19.9405	-298.263
141.9646	-50.1923	-3.49914	-19.9237	-285.851
141	-50.2763	-3.42283	-19.8902	-292.187
141	-50.1659	-3.35827	-19.9339	-297.782
141	-50.136	-3.44631	-19.9458	-290.197
142.0329	-50.0096	-3.28267	-19.9962	-304.75
143	-50.0354	-3.44218	-19.986	-290.637
142.484	-50.1954	-3.23929	-19.9222	-308.916
142	-50.1233	-3.47217	-19.9509	-288.26
142	-50.0123	-3.32033	-19.9951	-301.308
142.5153	-50.0519	-3.3439	-19.9793	-299.062
143	-50.1185	-3.35802	-19.9527	-297.795
142.4852	-50.0772	-3.359	-19.9692	-297.707
140.971	-50.1411	-3.43965	-19.9438	-290.75
139.4857	-50.2533	-3.31321	-19.8992	-301.895
139.514	-50.1344	-3.35072	-19.9465	-298.456
140	-50.0304	-3.32154	-19.9878	-301.071
139.4864	-50.1403	-3.46426	-19.9441	-288.742
139.5133	-50.0442	-3.15853	-19.9826	-317.056
138.9738	-50.0148	-3.29683	-19.9943	-303.469
138.5128	-50.1469	-3.27911	-19.9414	-304.969
139.5125	-50.1375	-3.36915	-19.9451	-296.848
141.0247	-49.9591	-3.39049	-20.0167	-294.943

141.4879	-49.9482	-3.19785	-20.021	-312.87
140.4881	-50.1577	-3.39313	-19.9372	-294.913
140.5116	-50.0065	-3.19052	-19.9977	-313.666
141.5113	-50.0049	-3.38398	-19.9983	-295.721
142.5111	-50.0479	-3.28479	-19.981	-304.505
142.4892	-49.9363	-3.36088	-20.0255	-297.578
142	-49.925	-3.31045	-20.0301	-302.09
142	-49.9557	-3.4827	-20.0178	-287.256
143.0201	-49.9742	-3.33461	-20.0103	-300.004
143.4901	-50.0149	-3.44744	-19.9941	-290.143
143	-50.0309	-3.37325	-19.9877	-296.485
142.4905	-49.935	-3.34537	-20.0261	-298.922
141.4908	-50.063	-3.43709	-19.9751	-290.977
142.0171	-50.0969	-3.36428	-19.9614	-297.27
142.4916	-50.0814	-3.27001	-19.9676	-305.837
141.4919	-50.3203	-3.30174	-19.8729	-302.879
141.5079	-50.2578	-3.34546	-19.8977	-298.918
140.9847	-50.1678	-3.30749	-19.9332	-302.352
140	-50.2334	-3.48207	-19.9071	-287.31
140	-50.2634	-3.42278	-19.8952	-292.188
140	-50.2618	-3.32854	-19.8958	-300.459
140	-50.146	-3.27191	-19.9418	-305.64
139.4936	-50.1085	-3.17039	-19.9567	-315.461
139	-50.1573	-3.25045	-19.9373	-307.691
139	-50.2156	-3.17634	-19.9141	-314.866
139.5056	-50.1362	-3.16852	-19.9458	-315.605
139.4945	-50.0796	-3.21413	-19.9682	-311.136
139.5052	-50.1374	-3.26563	-19.9452	-306.229
141.0098	-49.9912	-3.31697	-20.0037	-301.489
142.5047	-49.9938	-3.19037	-20.0027	-313.526
143	-50.0597	-3.20788	-19.9762	-311.739
142.4957	-49.9937	-3.02558	-20.0025	-330.707
142	-49.9247	-3.25283	-20.0302	-307.749
142	-49.9261	-3.34323	-20.0297	-299.123
142	-50.0123	-3.17675	-19.9951	-314.931
142	-49.9249	-3.1989	-20.0301	-312.62
142.5027	-49.8781	-3.15701	-20.0489	-316.768
142.4976	-49.965	-3.14907	-20.014	-317.554
142	-49.9542	-3.19885	-20.0184	-312.625
142.502	-49.907	-3.10773	-20.0373	-321.829
143.5017	-49.8701	-3.32206	-20.0521	-301.265
144	-49.8806	-3.09042	-20.0479	-323.949
143.4988	-49.9563	-3.26559	-20.0175	-306.458
142.4991	-49.9936	-3.2512	-20.0026	-307.59
141.4992	-50.0892	-3.32935	-19.9644	-300.393
141.5005	-50.0601	-3.17046	-19.9761	-315.557
141.4997	-50.0025	-3.14814	-19.999	-317.648

140	-50.089	-3.24248	-19.9645	-308.449
139.4997	-49.9911	-3.30131	-20.0037	-302.919
140	-49.9423	-3.35875	-20.0232	-297.741
140.4992	-50.0114	-3.19724	-19.9955	-312.908
140.0018	-50.1471	-3.16945	-19.9415	-315.513
139.4988	-50.0495	-3.30208	-19.9807	-302.923
140	-49.8247	-3.13564	-20.0704	-319.095
140	-50.0865	-3.29279	-19.9659	-303.867
140.9954	-50.167	-3.14698	-19.9336	-317.924
142.4976	-50.0221	-3.16205	-19.9912	-316.261
142.5027	-50.0222	-3.33877	-19.9911	-299.646
141.5031	-50.0886	-3.36015	-19.9647	-297.606
141	-50.1372	-3.21671	-19.9453	-310.975
141	-50.1654	-3.15535	-19.9341	-316.929
141.9927	-50.0142	-3.24206	-19.9947	-308.49
142.0079	-50.0394	-3.21415	-19.9847	-311.134
141.4957	-50.1477	-3.29376	-19.9413	-303.641
142	-49.955	-3.21552	-20.0181	-311.035
142	-50.0109	-3.33597	-19.9958	-299.851
142.9902	-50.0051	-3.17955	-19.9981	-314.673
143.0104	-49.9742	-3.24191	-20.0104	-308.504
141.5055	-50.0602	-3.25146	-19.976	-307.555
141.4944	-50.003	-3.28706	-19.9988	-304.23
142	-50.0399	-3.21345	-19.9841	-311.224
142.4939	-49.9666	-3.34251	-20.0136	-299.273
142.0128	-49.9245	-3.31701	-20.0304	-301.488
141	-50.0217	-3.08033	-19.9914	-324.929
141	-49.9635	-3.35525	-20.0146	-298.53
140.5072	-50.0389	-3.1931	-19.9845	-313.411
140.9854	-49.9663	-3.29245	-20.0138	-303.82
141.0153	-49.9034	-3.27263	-20.0388	-305.574
139.0159	-50.1554	-3.22148	-19.9382	-310.426
138.4919	-50.1205	-3.34429	-19.9521	-299.099
139	-49.9802	-3.3303	-20.0079	-300.28
139.9823	-50.0014	-3.28668	-19.9994	-304.265
141	-50.1338	-3.23609	-19.9468	-309.025
141.4905	-50.2054	-3.27241	-19.9182	-305.595
142	-50.0991	-3.31073	-19.9604	-302.053
142	-50.0417	-3.35258	-19.9834	-298.284
142	-50.0405	-3.26673	-19.9838	-306.159
142.4896	-50.0514	-3.38549	-19.9795	-295.464
142.5107	-50.0786	-3.3666	-19.9686	-297.044
142	-50.0992	-3.22385	-19.9604	-310.282
141.5111	-50.0886	-3.37081	-19.9646	-296.807
141	-50.1645	-3.27326	-19.9345	-305.586
141.9768	-50.1019	-3.3853	-19.9594	-295.482
142.5119	-50.0492	-3.23761	-19.9804	-309.02

142.4879	-49.9967	-3.29295	-20.0015	-303.717
142.0247	-50.037	-3.34461	-19.9855	-298.995
141.975	-50.0461	-3.4431	-19.9819	-290.474
143	-49.9715	-3.2824	-20.0115	-304.809
142.5131	-50.1634	-3.29954	-19.9349	-303.085
142	-50.0737	-3.2593	-19.9708	-306.827
140.5407	-50.0375	-3.42039	-19.9852	-292.501
207.5632	-50.1104	-3.36653	-19.956	-297.075
211.9646	-50.087	-3.45021	-19.9653	-289.882
140	-50.1469	-3.43978	-19.9414	-290.72
139.5145	-50.1091	-3.34103	-19.9565	-299.351
138.5148	-50.1451	-3.41028	-19.9422	-293.266
138.485	-50.1213	-3.42609	-19.9517	-291.878
139.4847	-50.1046	-3.52732	-19.9583	-283.546
140.9689	-50.0836	-3.45917	-19.9667	-289.12
141.5157	-50.0569	-3.30558	-19.9774	-302.613
141	-50.1379	-3.44626	-19.945	-290.3
141	-50.1361	-3.3348	-19.9457	-299.966
141	-50.1659	-3.44324	-19.9339	-290.509
141.4832	-50.0637	-3.42564	-19.9746	-291.925
142	-50.038	-3.28285	-19.9849	-304.707
142	-50.1273	-3.43517	-19.9492	-291.258
142	-50.0718	-3.51073	-19.9714	-284.849
142	-50.0123	-3.29282	-19.9951	-303.946
142.4817	-50.0218	-3.42655	-19.9913	-291.99
142.5185	-50.1329	-3.37498	-19.9471	-296.333
142.4812	-50.0855	-3.359	-19.9661	-297.707
142.5189	-49.9907	-3.39452	-20.0038	-294.599
142	-50.0699	-3.3591	-19.9721	-297.708
142.4805	-50.0517	-3.30885	-19.9794	-302.229
142.5197	-50.1327	-3.39206	-19.9472	-294.848
142	-50.1315	-3.40943	-19.9476	-293.305
141.0403	-50.1047	-3.57748	-19.9583	-279.649
207.6181	-50.1816	-3.39261	-19.9276	-294.977
213.906	-50.1056	-3.53391	-19.9579	-283.124
141	-50.0503	-3.49177	-19.9799	-286.414
140.5212	-50.0687	-3.45205	-19.9726	-289.686
139.5214	-50.0793	-3.37997	-19.9683	-295.883
139.4783	-49.9663	-3.36699	-20.0136	-297.001
139.522	-49.9006	-3.37377	-20.0398	-296.405
139.4779	-49.9331	-3.33882	-20.0268	-299.514
140.9551	-49.7938	-3.19581	-20.083	-313.016
141.0452	-49.9218	-3.39858	-20.0319	-294.516
140	-50.1495	-3.43598	-19.9404	-291.038
140.9536	-49.9971	-3.29276	-20.0012	-303.803
142	-50.0066	-3.26509	-19.9975	-306.27
142.4763	-50.1091	-3.35708	-19.9565	-297.923

143	-49.9799	-3.45298	-20.0082	-289.635
142.0482	-49.9779	-3.28617	-20.009	-304.481
141.4756	-50.0626	-3.24436	-19.975	-308.227
142.4754	-49.9945	-3.2492	-20.0022	-307.768
142.5249	-50.0472	-3.39013	-19.9812	-295.076
141.525	-50.1182	-3.36871	-19.9528	-296.862
141	-50.1901	-3.17827	-19.9243	-314.83
141.4744	-50.2621	-3.40713	-19.8957	-293.878
142	-50.3221	-3.4247	-19.872	-292.002
142	-50.4117	-3.36879	-19.8367	-296.855
142	-50.3581	-3.35243	-19.8578	-298.291
141.5271	-50.3171	-3.30299	-19.874	-302.769
141	-50.3379	-3.46625	-19.8658	-288.647
141	-50.2838	-3.41799	-19.8872	-292.603
140.5279	-50.3233	-3.40805	-19.8716	-293.423
140	-50.2716	-3.40943	-19.8922	-293.305
139.0567	-50.2086	-3.50027	-19.917	-285.732
137.5287	-50.3621	-3.30174	-19.8562	-303.123
138.4135	-50.2172	-3.35523	-19.9137	-298.094
139.5291	-50.1585	-3.51704	-19.9369	-284.427
139	-50.2478	-3.37474	-19.9014	-296.469
139	-50.2136	-3.3266	-19.915	-300.608
139	-50.2444	-3.50057	-19.9027	-285.824
139.4699	-50.253	-3.45198	-19.8993	-289.724
140.4696	-50.3248	-3.30017	-19.871	-303.115
141	-50.2874	-3.44932	-19.8858	-290.076
141	-50.1388	-3.34511	-19.9447	-299.049
141	-50.1352	-3.43512	-19.9461	-291.185
141.4687	-50.1209	-3.29234	-19.9518	-303.892
142.4684	-49.9714	-3.39026	-20.0115	-295.059
142.5318	-49.9581	-3.28523	-20.0169	-304.493
142	-50.0429	-3.20977	-19.9829	-311.563
142	-50.0123	-3.24167	-19.9951	-308.494
142.4675	-49.9409	-3.38196	-20.0237	-295.783
143	-49.9402	-3.36771	-20.024	-296.947
143	-50.1118	-3.359	-19.9554	-297.707
143.4668	-49.9449	-3.26922	-20.0227	-305.93
143.0672	-49.8459	-3.37505	-20.0622	-296.38
141.5337	-50.0877	-3.18204	-19.965	-314.562
141.9319	-50.046	-3.44476	-19.9817	-290.826
143	-49.9748	-3.2539	-20.0101	-307.702
142.0689	-50.0637	-3.37966	-19.9746	-296.073
141	-50.0308	-3.36276	-19.9878	-297.392
140.5349	-49.8931	-3.35111	-20.0429	-298.409
140	-50.0218	-3.27407	-19.9914	-305.466
140.4646	-50.0751	-3.3965	-19.9701	-294.529
140.5357	-50.01	-3.43309	-19.996	-291.283

140	-49.9487	-3.25276	-20.0206	-307.628
139.5362	-49.9539	-3.29809	-20.0185	-303.249
139.4632	-49.9969	-3.32253	-20.0013	-300.976
140.4631	-49.8687	-3.37274	-20.0527	-296.508
141.4628	-49.8539	-3.34092	-20.0586	-299.329
142	-49.9501	-3.24075	-20.02	-308.622
142	-49.9588	-3.34768	-20.0165	-298.809
142.462	-49.7992	-3.27859	-20.0807	-305.065
143	-49.7927	-3.16845	-20.0834	-315.665
142.5384	-50.067	-3.41127	-19.9735	-293.547
142	-50.1358	-3.33701	-19.9459	-299.767
141.5389	-49.9762	-3.30219	-20.0095	-302.83
140.5392	-50.0855	-3.3421	-19.9661	-299.223
140.9212	-50.2267	-3.35759	-19.9098	-297.833
142.4603	-50.1668	-3.45575	-19.9335	-289.424
142.08	-50.2867	-3.34508	-19.8862	-299.046
141.4599	-50.2761	-3.47488	-19.8905	-287.917
141.5404	-50.193	-3.50264	-19.9232	-285.5
141.4594	-50.3718	-3.50823	-19.8524	-285.044
142	-50.4634	-3.4276	-19.8164	-291.786
141.5412	-50.4388	-3.40943	-19.8261	-293.305
140.5414	-50.3298	-3.65444	-19.8689	-273.928
139.0833	-50.4105	-3.45048	-19.8372	-290.156
138	-50.5434	-3.74935	-19.785	-267.293
138.4579	-50.45	-3.62385	-19.8217	-276.138
139	-50.3555	-3.50261	-19.8589	-285.53
139	-50.3918	-3.70135	-19.8445	-270.387
138.0858	-50.504	-3.57566	-19.8006	-279.812
137.9139	-50.5045	-3.61966	-19.8005	-276.302
139	-50.3816	-3.59689	-19.8486	-278.027
139	-50.502	-3.59534	-19.8012	-278.138
139.4562	-50.4623	-3.54784	-19.8168	-281.873
140	-50.4039	-3.66082	-19.8397	-273.236
140	-50.4611	-3.5574	-19.8173	-281.189
140.4552	-50.4995	-3.43805	-19.8022	-290.907
141	-50.4567	-3.63048	-19.819	-275.672
140.5453	-50.4132	-3.71964	-19.8361	-268.851
139.5456	-50.4536	-3.59118	-19.8202	-278.551
139.4542	-50.4313	-3.64868	-19.829	-274.11
140	-50.4556	-3.50565	-19.8195	-285.391
140.4536	-50.5049	-3.64769	-19.8001	-274.304
141.4535	-50.3305	-3.46834	-19.8688	-288.578
141.5468	-50.2798	-3.54069	-19.8888	-282.512
141	-50.3432	-3.69073	-19.8637	-271.019
140.5476	-50.3246	-3.54905	-19.871	-281.909
140.4521	-50.4368	-3.46912	-19.8268	-288.267
141.9039	-50.3446	-3.54837	-19.8634	-281.861

142.0967	-50.2585	-3.61737	-19.8973	-276.456
140.0971	-50.4573	-3.57278	-19.8188	-279.91
139	-50.5332	-3.68064	-19.789	-271.762
139.4509	-50.4631	-3.67653	-19.8165	-272.001
140	-50.4036	-3.55444	-19.8399	-281.405
139.5496	-50.4015	-3.52766	-19.8407	-283.474
138.5498	-50.3787	-3.60942	-19.8497	-277.087
138	-50.4532	-3.66929	-19.8204	-272.54
138	-50.4648	-3.60496	-19.8158	-277.422
137.5505	-50.5498	-3.59527	-19.7827	-278.144
137.4492	-50.5572	-3.67948	-19.7799	-271.811
138	-50.4985	-3.78948	-19.8028	-263.925
138.4487	-50.6961	-3.67923	-19.7254	-271.876
139.8968	-50.6164	-3.73862	-19.7565	-267.516
141.4483	-50.465	-3.83311	-19.8157	-260.907
141.1041	-50.524	-3.7118	-19.7927	-269.498
140	-50.6625	-3.75121	-19.7385	-266.605
139.5525	-50.7066	-3.72029	-19.7213	-268.807
139.8944	-50.6227	-3.67667	-19.7542	-271.99
140.5529	-50.5712	-3.83787	-19.7743	-260.686
140	-50.6684	-3.58817	-19.7362	-279.105
139.5534	-50.7004	-3.68004	-19.7238	-271.866
139	-50.7416	-3.55033	-19.7078	-281.812
139	-50.7233	-3.59785	-19.7149	-277.985
139.4458	-50.8236	-3.74781	-19.6759	-266.901
140	-50.881	-3.65782	-19.6537	-273.457
139.5546	-50.9372	-3.74958	-19.632	-266.765
139	-50.8548	-3.81034	-19.6639	-262.448
139.4447	-50.6414	-3.73011	-19.7468	-268.124
140	-50.4922	-3.67678	-19.8051	-271.982
139.1114	-50.4775	-3.54809	-19.8108	-281.919
138	-50.5104	-3.68769	-19.7979	-271.316
138	-50.5234	-3.55995	-19.7929	-281.052
138	-50.5103	-3.62264	-19.798	-276.099
138	-50.5746	-3.55865	-19.7728	-281.048
137.5569	-50.7205	-3.62615	-19.7161	-275.817
137.4429	-50.7325	-3.72954	-19.7115	-268.162
138	-50.5425	-3.74958	-19.7853	-266.697
138.4423	-50.5563	-3.61962	-19.7799	-276.358
139.4419	-50.5151	-3.67682	-19.7961	-272.015
140	-50.5923	-3.56892	-19.766	-280.287
140	-50.5936	-3.52946	-19.7655	-283.33
139.5589	-50.5287	-3.68888	-19.7908	-271.218
139	-50.5971	-3.55348	-19.764	-281.579
139	-50.6336	-3.64511	-19.7499	-274.437
139.8801	-50.6747	-3.63865	-19.7338	-274.836
140.5601	-50.6078	-3.54789	-19.7598	-281.894

140	-50.6625	-3.68857	-19.7385	-271.242
140	-50.6376	-3.63356	-19.7482	-275.259
140.4391	-50.5631	-3.65706	-19.7773	-273.456
141.4388	-50.5153	-3.5018	-19.796	-285.726
142	-50.4501	-3.58691	-19.8216	-278.882
141.1232	-50.4651	-3.73831	-19.8158	-267.571
140	-50.581	-3.63425	-19.7703	-275.253
140	-50.5491	-3.64734	-19.7827	-274.184
140	-50.574	-3.79438	-19.773	-263.635
200.3645	-50.6116	-3.62163	-19.7583	-276.339
216.3609	-50.6684	-3.73626	-19.7362	-267.789
137	-50.732	-3.65153	-19.7114	-273.941
137.4367	-50.5875	-3.69065	-19.7679	-270.981
138	-50.5269	-3.66047	-19.7916	-273.202
138.4362	-50.5711	-3.64807	-19.7743	-274.118
138.5641	-50.5115	-3.60749	-19.7976	-277.21
136.6932	-50.6881	-3.62985	-19.7285	-275.499
135.4355	-50.7921	-3.63828	-19.6881	-274.855
137.3055	-50.6775	-3.76695	-19.7329	-265.549
139.435	-50.557	-3.65414	-19.7797	-273.772
140	-50.6379	-3.86049	-19.7481	-259.316
140	-50.5317	-3.7371	-19.7896	-267.754
139.5658	-50.552	-3.67308	-19.7818	-272.252
139.8679	-50.57	-3.62934	-19.7747	-275.541
141	-50.4441	-3.6665	-19.824	-272.752
140.133	-50.6912	-3.51179	-19.7276	-284.918
139.4332	-50.7404	-3.62747	-19.7085	-275.818
139.567	-50.5347	-3.74785	-19.7884	-266.851
139	-50.6642	-3.68961	-19.7379	-271.063
139.4325	-50.6447	-3.54991	-19.7455	-281.778
140.4323	-50.4747	-3.56583	-19.8119	-280.452
141	-50.5249	-3.69757	-19.7923	-270.524
141	-50.548	-3.72894	-19.7832	-268.173
141	-50.4517	-3.5555	-19.8209	-281.425
141.431	-50.483	-3.628	-19.8087	-275.714
141.5692	-50.5902	-3.54111	-19.7667	-282.479
140.5696	-50.5976	-3.67499	-19.7638	-272.26
139.5697	-50.4851	-3.62516	-19.8078	-275.898
139	-50.4013	-3.686	-19.8408	-271.336
138.5702	-50.4688	-3.5587	-19.8145	-281.131
138.4295	-50.5977	-3.65298	-19.7638	-273.851
138.1416	-50.5362	-3.56881	-19.7878	-280.288
137.429	-50.549	-3.78421	-19.7828	-264.574
137.5713	-50.4769	-3.55585	-19.8111	-281.715
137	-50.5997	-3.70014	-19.7631	-270.537
137.4283	-50.6893	-3.6718	-19.7281	-272.388
138	-50.7055	-3.65588	-19.7218	-273.532

138.8557	-50.6704	-3.65018	-19.7356	-273.96
139.5725	-50.5342	-3.60044	-19.7886	-277.757
138.5726	-50.6082	-3.70691	-19.7596	-269.844
138.8542	-50.6451	-3.73112	-19.7453	-268.016
140	-50.6625	-3.77652	-19.7385	-264.806
140	-50.6383	-3.6307	-19.7479	-275.568
139.5737	-50.5993	-3.6516	-19.7631	-273.876
139	-50.6389	-3.50452	-19.7477	-285.512
139.4259	-50.7105	-3.5849	-19.7198	-279.043
140	-50.7905	-3.58697	-19.6888	-278.793
140.4254	-50.726	-3.65723	-19.714	-273.467
140.1498	-50.6157	-3.54614	-19.7568	-282.102
139.4249	-50.7191	-3.79032	-19.7165	-264.25
140.4247	-50.6449	-3.62606	-19.7453	-276.102
200.4017	-50.6059	-3.69244	-19.7605	-270.922
281	-50.5853	-3.51787	-19.7686	-284.534
-99999	-99999	-3.61614	-99999	-276.685
139	-50.599	-3.62405	-19.7633	-275.942
139.4234	-50.4674	-99999	-19.8148	-99999
139.5769	-50.5159	-3.8395	-19.7959	-260.451
138.5771	-50.7463	-3.59541	-19.7059	-278.472
138	-50.6825	-3.60666	-19.7309	-277.302
137.5775	-50.6321	-3.6679	-19.7505	-272.644
137.4222	-50.6988	-3.72604	-19.7244	-268.394
138	-50.6231	-3.70769	-19.7539	-269.715
137.5783	-50.7558	-3.86549	-19.7022	-258.838
137.8428	-50.7146	-3.61877	-19.7184	-276.818
138.1575	-50.6893	-3.78174	-19.7283	-264.755
137.842	-50.7959	-3.77169	-19.6868	-265.165
139.42	-50.6774	-3.74148	-19.7327	-267.275
140	-50.6952	-3.62099	-19.7257	-276.249
139.5804	-50.7275	-3.78398	-19.7132	-264.481
139	-50.7462	-3.74546	-19.706	-267.037
139	-50.695	-3.68001	-19.7258	-271.747
139	-50.7847	-3.75457	-19.691	-266.382
138.5813	-50.7878	-3.66189	-19.6898	-273.16
138.4184	-50.8234	-3.7067	-19.6761	-269.816
139.4182	-50.7708	-3.76779	-19.6967	-265.416
139.5821	-50.6848	-3.70883	-19.73	-269.654
139.4176	-50.8327	-3.67341	-19.6724	-272.228
140.8349	-50.6704	-3.59123	-19.7355	-278.493
141.5829	-50.5647	-3.60788	-19.7767	-277.18
198.5421	-50.7293	-3.73509	-19.7126	-267.807
220.6595	-50.8307	-3.79869	-19.6732	-263.253
139	-50.761	-3.6924	-19.7002	-270.9
139	-50.761	-3.64372	-19.7002	-274.446
139	-50.6662	-3.70884	-19.7371	-269.654

138.1685	-50.6158	-3.72894	-19.7567	-268.173
136.5845	-50.75	-3.72894	-19.7045	-268.173
136.8303	-50.668	-3.57292	-19.7365	-280.033
138	-50.6359	-3.62095	-19.749	-276.225
138	-50.7325	-3.65575	-19.7113	-273.542
138	-50.6321	-3.68966	-19.7503	-271.033
137.1714	-50.8573	-3.73009	-19.6634	-268.096
137.2418	-50.9569	-3.78632	-19.6249	-264.121
139	-50.7876	-3.6357	-19.6901	-275.21
139.827	-50.7886	-3.75196	-19.6899	-266.682
141	-50.4143	-3.83055	-19.8358	-261.064
140.1739	-50.4557	-3.58469	-19.8197	-279.359
139	-50.6808	-3.54842	-19.7313	-281.825
139	-50.6943	-3.40471	-19.7261	-293.885
139.4123	-50.7204	-3.60601	-19.716	-277.718
139.5879	-50.7264	-3.64007	-19.7137	-274.729
139	-50.7475	-3.54378	-19.7055	-282.232
139	-50.6708	-3.63464	-19.7352	-275.215
139.8227	-50.6469	-3.59184	-19.7446	-278.446
198.5465	-50.6427	-3.61494	-19.7463	-276.643
281	-50.7541	-3.50505	-19.7028	-285.405
-99999	-99999	-3.57716	-99999	-279.63
138.8205	-50.6656	-3.64786	-19.7373	-274.143
140.4098	-50.5324	-99999	-19.7893	-99999
140.5905	-50.6176	-3.47695	-19.7561	-287.608
139.5907	-50.7229	-3.5477	-19.715	-281.907
139	-50.6241	-3.5619	-19.7535	-280.749
138.5913	-50.6075	-3.55978	-19.7599	-280.916
137.5914	-50.7432	-3.61266	-19.7072	-276.822
137.8166	-50.7525	-3.58988	-19.7037	-278.57
138.5919	-50.597	-3.58541	-19.7641	-278.909
138	-50.6191	-3.75073	-19.7554	-266.772
137.5925	-50.5811	-3.59101	-19.7703	-278.749
137	-50.7213	-3.61252	-19.7156	-276.862
137.4071	-50.7952	-3.68478	-19.6869	-271.4
138.8138	-50.7001	-3.62084	-19.724	-276.217
140	-50.5952	-3.67512	-19.7647	-272.138
140	-50.6395	-3.56768	-19.7475	-280.407
139.5938	-50.6689	-3.72008	-19.736	-269.04
139.4059	-50.7667	-3.69473	-19.6979	-270.698
140.4057	-50.6669	-3.79121	-19.7369	-263.854
140.5946	-50.5708	-3.75235	-19.7743	-266.533
139.5949	-50.7024	-3.75917	-19.723	-266.021
139	-50.738	-3.76846	-19.7091	-265.361
139	-50.7501	-3.69241	-19.7044	-270.861
139.8083	-50.7382	-3.71478	-19.7091	-269.207
140.1922	-50.7232	-3.69068	-19.715	-270.962

139.4035	-50.7657	-3.59493	-19.6985	-278.216
139.5966	-50.6685	-3.63788	-19.7362	-274.916
139.4031	-50.744	-3.62857	-19.7068	-275.597
140	-50.8092	-3.61905	-19.6816	-276.316
140	-50.8979	-3.70284	-19.6472	-270.107
139.5977	-50.803	-3.5619	-19.6839	-280.935
138.5978	-50.7092	-3.81972	-19.7203	-262.371
137.1962	-50.6663	-3.68268	-19.737	-271.87
136.8034	-50.7519	-3.86056	-19.7037	-259.389
138	-50.8036	-3.67152	-19.6836	-272.8
137.5989	-50.798	-3.60213	-19.6858	-277.615
137	-50.7665	-3.70749	-19.6981	-269.788
137	-50.7551	-3.73919	-19.7025	-267.437
137.801	-50.7326	-3.70856	-19.7112	-269.652
139.4002	-50.6081	-3.82253	-19.7597	-261.695
139.2002	-50.7413	-3.73796	-19.7082	-267.616
138.3997	-50.9224	-3.64551	-19.6379	-274.329
139	-50.761	-3.74273	-19.7002	-267.265
139.399	-50.7217	-3.90051	-19.7155	-256.458
140	-50.685	-3.7797	-19.7297	-264.717
140	-50.6513	-3.72894	-19.7429	-268.173
194.9557	-50.6335	-3.6835	-19.7499	-271.494
223.0864	-50.6993	-3.86515	-19.7242	-258.943
140	-50.6059	-3.81499	-19.7606	-262.196
140	-50.6508	-3.74106	-19.7431	-267.313
140	-50.7412	-3.80444	-19.7079	-262.885
140	-50.7974	-3.82866	-19.6861	-261.188
140	-50.7867	-3.74553	-19.6902	-267.027
140	-50.7189	-3.75636	-19.7165	-266.224
140.3963	-50.7024	-3.80589	-19.7229	-262.759
140.6041	-50.7382	-3.74301	-19.7091	-267.199
140	-50.7644	-3.7188	-19.6989	-268.904
138.8136	-50.7579	-3.5543	-19.7015	-281.539
137.3953	-50.8642	-3.74033	-19.6602	-267.728
138.3951	-50.6968	-3.70551	-19.7253	-269.947
138.6053	-50.5949	-3.60756	-19.7649	-277.222
138	-50.6669	-3.86152	-19.7368	-259.412
137.6057	-50.6715	-3.79117	-19.735	-263.919
137	-50.7773	-3.66312	-19.6939	-273.029
137.3938	-50.7848	-3.60007	-19.691	-277.782
137.6065	-50.6836	-3.63316	-19.7303	-275.257
137.3933	-50.6578	-3.72452	-19.7403	-268.529
138	-50.6321	-3.82555	-19.7503	-261.435
138	-50.7218	-3.65977	-19.7155	-273.477
193.7517	-50.8159	-3.74984	-19.6789	-266.828
280	-50.747	-3.64024	-19.7056	-274.877
-99999	-99999	-3.58053	-99999	-279.288

140.2164	-50.7079	-3.62409	-19.721	-275.946
139	-50.8639	-99999	-19.6604	-99999
139	-50.761	-3.6096	-19.7002	-277.039
139.391	-50.7225	-3.65421	-19.7152	-273.671
140	-50.6182	-3.87183	-19.7558	-258.52
139.6094	-50.654	-3.78137	-19.7419	-264.603
138.6096	-50.9004	-3.68398	-19.6463	-271.459
138.7803	-50.9085	-3.59396	-19.6433	-278.285
140.3898	-50.6808	-3.72634	-19.7314	-268.524
141	-50.643	-3.74145	-19.7461	-267.285
141	-50.6115	-3.56473	-19.7584	-280.72
140.6108	-50.5683	-3.62175	-19.7753	-276.2
139.611	-50.7666	-3.69635	-19.6981	-270.546
139	-50.8864	-3.75342	-19.6516	-266.437
138.6122	-50.8561	-3.6941	-19.6633	-270.739
137.6125	-50.934	-3.82547	-19.6333	-261.558
137	-50.8498	-3.80402	-19.6659	-262.913
137	-50.6967	-3.82416	-19.7251	-261.508
137	-50.7764	-3.68924	-19.6942	-271.207
137.3866	-50.852	-3.60753	-19.6649	-277.205
137.6137	-50.8551	-3.63514	-19.6637	-275.103
137	-50.8246	-3.72378	-19.6755	-268.583
137.3859	-50.6843	-3.9368	-19.7301	-254.216
138.3855	-50.611	-3.81347	-19.7586	-262.437
139.3854	-50.8311	-3.87066	-19.6731	-258.442
140	-50.8566	-3.91206	-19.6632	-255.62
139.2302	-50.7296	-3.7757	-19.7124	-264.968
138	-50.8122	-3.8686	-19.6804	-258.61
138.3843	-50.8571	-3.76937	-19.663	-265.432
139	-50.826	-3.69649	-19.675	-270.53
138.6161	-50.9684	-3.80091	-19.62	-263.176
138.3837	-50.97	-3.7573	-19.6194	-266.192
139	-50.8739	-3.68439	-19.6565	-271.429
138.6169	-51.0405	-3.71354	-19.5926	-269.299
138.7659	-51.1686	-3.80301	-19.5435	-262.985
139.6173	-51.0445	-3.82866	-19.5909	-261.188
139.3825	-51.0427	-3.78398	-19.5918	-264.285
139.6178	-50.8129	-3.72418	-19.6801	-268.528
139	-50.8739	-3.70879	-19.6565	-269.63
139.3817	-50.8362	-3.5983	-19.6711	-277.999
139.6186	-50.8769	-3.60372	-19.6554	-277.505
138.6187	-50.9727	-3.77437	-19.6184	-265.106
137.619	-50.877	-3.62947	-19.6553	-275.803
137	-50.9038	-3.71433	-19.6449	-269.395
137.3805	-50.8657	-3.62761	-19.6596	-275.806
138	-50.8252	-3.42784	-19.6753	-291.92
137.62	-50.8986	-3.53229	-19.6469	-283.306

136.6202	-50.9776	-3.69972	-19.6165	-270.38
136	-51.0266	-3.62016	-19.5976	-276.334
136.3793	-51.0236	-3.6226	-19.5988	-276.059
137.758	-50.9278	-3.48774	-19.6356	-286.902
139.3788	-50.7509	-3.6298	-19.7043	-275.79
140	-50.592	-3.65414	-19.766	-273.677
139.6218	-50.6997	-3.62408	-19.724	-275.934
139.3781	-50.6594	-3.58207	-19.7398	-279.178
140.3775	-50.4555	-3.48837	-19.8195	-286.72
140.2454	-50.5543	-3.50317	-19.781	-285.472
139.7541	-50.6582	-3.51868	-19.7405	-284.197
139.87	-50.5916	-3.47523	-19.7666	-287.767
138	-50.8529	-3.54014	-19.6646	-282.528
139.1288	-50.6357	-3.48851	-19.7491	-286.709
141	-50.5154	-3.4288	-19.796	-291.656
140.6242	-50.6367	-3.61715	-19.7485	-276.774
139.6245	-50.7418	-3.40348	-19.7077	-294.524
139.7507	-50.7154	-3.41139	-19.7182	-293.249
141	-50.5573	-3.45745	-19.7797	-289.231
141.3748	-50.6339	-3.42277	-19.7498	-292.173
141.2508	-50.5197	-3.32967	-19.7943	-300.392
139.6258	-50.5787	-3.48431	-19.7712	-287.299
138.6259	-50.5487	-3.55074	-19.7829	-281.632
138.3738	-50.4946	-3.44704	-19.8042	-290.197
138.6264	-50.526	-3.49613	-19.7921	-286.095
138.3734	-50.6597	-3.53432	-19.7398	-282.941
138.627	-50.5194	-3.41824	-19.7945	-292.673
138	-50.6036	-3.48687	-19.7616	-286.9
138	-50.5236	-3.6087	-19.7928	-277.16
138.7448	-50.5588	-3.48293	-19.779	-287.318
140	-50.4775	-3.43231	-19.8108	-291.35
140	-50.5702	-3.39104	-19.7745	-294.913
140	-50.6269	-3.44325	-19.7524	-290.466
140	-50.6625	-3.38836	-19.7385	-295.188
139.6288	-50.72	-3.54908	-19.7161	-282.072
139.371	-50.739	-3.5026	-19.7088	-285.616
139.6294	-50.6213	-3.6126	-19.7545	-276.997
138.6295	-50.7053	-3.59593	-19.7219	-278.134
138.7403	-50.6883	-3.60553	-19.7286	-277.363
140	-50.5552	-3.62602	-19.7804	-275.785
140	-50.6625	-3.55496	-19.7385	-281.342
140	-50.6833	-3.52111	-19.7304	-284.002
140	-50.6772	-3.47568	-19.7328	-287.73
140	-50.6476	-3.4597	-19.7443	-289.043
140	-50.7396	-3.49619	-19.7085	-286.037
140	-50.7544	-3.58934	-19.7027	-278.655
140	-50.7808	-3.53955	-19.6925	-282.575

140	-50.8045	-3.54617	-19.6834	-282.006
139.2652	-50.6724	-3.52344	-19.7346	-283.825
138	-50.7314	-3.46722	-19.7117	-288.432
138.3667	-50.7672	-3.60944	-19.6978	-277.258
138.6337	-50.8029	-3.64669	-19.684	-274.225
138	-50.8275	-3.55797	-19.6747	-281.113
137.2682	-50.7321	-3.48455	-19.7117	-286.998
136.3657	-50.9471	-3.46827	-19.6282	-288.328
137.3655	-50.7893	-3.51793	-19.6892	-284.28
138	-50.7311	-3.61746	-19.7118	-276.49
138	-50.8036	-3.56738	-19.6836	-280.371
138.3647	-50.7881	-3.61032	-19.6897	-277.028
139	-50.843	-3.25176	-19.6685	-309.074
139.7285	-50.8736	-3.41091	-19.6567	-294.134
140.6361	-50.6924	-3.52116	-19.7268	-283.998
140	-50.6984	-3.51227	-19.7245	-284.717
140	-50.6006	-3.65376	-19.7627	-273.857
139.6367	-50.6308	-3.56493	-19.7511	-280.681
139.363	-50.8176	-3.62488	-19.6783	-275.98
140	-50.7596	-3.71231	-19.7007	-269.388
139.2749	-50.9439	-3.64956	-19.6296	-274.055
138.3622	-50.9628	-3.54016	-19.6226	-282.527
138.638	-50.745	-3.73223	-19.7065	-268.318
138.3618	-50.9218	-3.67442	-19.638	-272.308
139.3614	-50.9347	-3.62594	-19.633	-275.791
139.6387	-50.9988	-3.78067	-19.6084	-264.673
138.639	-51.1538	-3.71657	-19.5489	-269.177
138	-51.1929	-3.54799	-19.534	-281.975
138.3606	-50.9892	-3.72935	-19.6121	-268.549
138.6398	-50.9745	-3.89706	-19.618	-256.645
137.2798	-51.2253	-3.66947	-19.5216	-273.024
136	-51.0936	-3.72005	-19.572	-268.991
136	-50.9684	-3.73566	-19.62	-267.704
135.6406	-51.1437	-3.62444	-19.553	-275.977
135.359	-51.3542	-3.59441	-19.4726	-278.21
136	-51.2884	-3.78715	-19.4976	-264.32
136.3586	-51.1912	-3.78109	-19.5347	-264.52
137	-51.058	-3.5538	-19.5856	-281.714
137	-51.1907	-3.62906	-19.5349	-275.749
137.3578	-51.3022	-3.68881	-19.4923	-271.09
137.6423	-51.4042	-3.76099	-19.4538	-265.926
137.3573	-51.4006	-3.59521	-19.4554	-278.458
137.6429	-51.1419	-3.69775	-19.5535	-270.693
137	-51.2027	-3.76846	-19.5303	-265.361
137.3562	-51.1742	-3.77592	-19.5411	-264.837
138.3561	-51.1979	-3.85801	-19.5321	-259.245
139	-51.0778	-3.66665	-19.578	-273.115

138.2888	-51.1332	-3.67879	-19.5569	-271.911
137	-51.3184	-3.78972	-19.4862	-263.909
137	-51.4133	-3.78257	-19.4503	-264.38
138.0647	-51.3549	-3.89048	-19.4727	-257.141
139.2908	-51.1834	-3.82463	-19.5378	-261.555
138	-51.3996	-3.88523	-19.4554	-257.464
138	-51.2853	-3.84183	-19.4988	-260.344
137.6462	-51.2563	-3.85017	-19.51	-259.742
137.3537	-51.3509	-3.83211	-19.474	-260.962
137.2939	-51.2529	-3.67612	-19.5113	-272.185
135.6471	-51.4729	-3.8038	-19.4277	-263.153
134.6473	-51.5002	-3.84294	-19.4174	-260.226
134.3523	-51.4382	-3.83638	-19.4409	-260.663
135.3522	-51.3578	-3.8473	-19.4713	-259.923
136	-51.4005	-3.8223	-19.4551	-261.628
135.2967	-51.5125	-3.73122	-19.4129	-268.058
133.6486	-51.7164	-3.9135	-19.3362	-255.848
133.351	-51.675	-3.85046	-19.3517	-259.866
135.0528	-51.596	-3.94804	-19.3814	-253.461
137	-51.5369	-3.98534	-19.4036	-250.925
136.6496	-51.5205	-3.7787	-19.4098	-264.923
136	-51.6228	-3.89645	-19.3713	-256.922
136.3498	-51.5289	-3.75842	-19.4067	-266.426
137.3497	-51.3577	-3.8959	-19.4713	-257.05
138.3494	-51.2903	-3.83988	-19.4969	-260.582
138.3018	-51.2814	-3.77888	-19.5005	-264.629
136.6512	-51.5369	-3.6589	-19.4036	-273.425
135.6514	-51.584	-3.79222	-19.3859	-263.957
135.697	-51.5242	-3.61411	-19.4085	-277.232
137	-51.4122	-3.66499	-19.4507	-273.059
137.6958	-51.3734	-3.88596	-19.4656	-257.515
138.6524	-51.1902	-3.82912	-19.5351	-261.264
137.6526	-51.4375	-3.58856	-19.4412	-278.979
137.3473	-51.4829	-3.72769	-19.4241	-268.656
138.347	-51.3312	-3.81796	-19.4813	-261.92
139	-51.3355	-3.6355	-19.4797	-275.345
138.6536	-51.1827	-3.7072	-19.538	-269.927
137.3077	-51.0803	-3.68457	-19.5771	-271.46
136	-51.2146	-3.72625	-19.5257	-268.415
136.6909	-51.1405	-3.58923	-19.5543	-278.863
137.3097	-50.9887	-3.71714	-19.6124	-269.355
135.6552	-51.2479	-3.72165	-19.513	-268.747
135.3446	-51.2427	-3.61088	-19.515	-276.994
136	-51.1364	-3.62051	-19.5556	-276.22
136	-51.1399	-3.79551	-19.5543	-263.664
136.6878	-51.1607	-3.81829	-19.5465	-261.912
138	-50.9943	-3.72889	-19.6101	-268.217

138	-51.1034	-3.54278	-19.5682	-282.489
138	-51.0874	-3.73185	-19.5743	-268.514
138	-51.1593	-3.68452	-19.5468	-271.604
138	-51.1242	-3.69627	-19.5602	-270.593
138	-51.1786	-3.68683	-19.5394	-271.25
138	-51.1227	-3.74615	-19.5608	-266.989
137.6579	-51.1204	-3.70176	-19.5617	-270.191
137.3418	-51.1138	-3.63394	-19.5643	-275.194
138	-51.088	-3.73118	-19.5743	-268.117
138.6823	-51.2218	-3.6735	-19.5231	-272.314
139.659	-51.0688	-3.66382	-19.5814	-272.95
139	-51.0405	-3.59543	-19.5923	-278.194
138.6594	-51.059	-3.58815	-19.5854	-278.703
138.3403	-51.2746	-3.60681	-19.5028	-277.254
139	-51.1708	-3.50466	-19.5424	-285.442
138.6603	-51.0937	-3.67575	-19.5719	-272.472
138	-51.0286	-3.58143	-19.5969	-279.536
137.6607	-50.9895	-3.57697	-19.612	-279.621
137.6781	-51.0244	-3.58117	-19.5987	-279.246
138.6613	-50.8704	-3.61063	-19.6579	-276.976
137.6615	-50.9692	-3.5934	-19.6197	-278.299
137	-50.9415	-3.57174	-19.6304	-279.976
137	-50.9423	-3.64567	-19.6301	-274.352
137	-51.0175	-3.65053	-19.6011	-273.94
137.3375	-50.9645	-3.45467	-19.6216	-289.808
138	-50.8413	-3.59384	-19.6691	-278.718
138	-50.8228	-3.54115	-19.6762	-282.603
138	-50.8604	-3.54751	-19.6617	-281.937
138.3366	-50.8839	-3.39562	-19.6526	-294.858
139.3363	-50.8968	-3.49863	-19.6476	-286.176
139.3278	-50.9168	-3.43119	-19.64	-291.673
138.336	-50.9768	-3.43149	-19.617	-291.464
138.6643	-50.8134	-3.41903	-19.6799	-292.498
138.3354	-50.8647	-3.37187	-19.66	-296.581
139	-50.7988	-3.46991	-19.6856	-288.324
138.6658	-50.8504	-3.59499	-19.6655	-278.221
138.3342	-50.8271	-3.40642	-19.6746	-294.095
139	-50.8739	-3.52394	-19.6565	-284.259
139	-50.9299	-3.55566	-19.6349	-281.281
139.3332	-51.0275	-3.44569	-19.5973	-290.29
140	-50.9614	-3.55469	-19.6227	-281.531
139.6671	-50.9572	-3.43345	-19.6244	-291.62
139	-51.1161	-3.48938	-19.5633	-286.789
138.6677	-51.1864	-3.62589	-19.5365	-275.848
138	-51.2163	-3.6249	-19.5251	-275.881
137.6682	-51.1939	-3.78789	-19.5336	-264.267
136.3366	-51.3665	-3.76462	-19.468	-265.718

135.3314	-51.3382	-3.79476	-19.4791	-263.569
135.6689	-51.0766	-3.75973	-19.5785	-266.016
135.6616	-51.135	-3.6663	-19.5562	-272.79
137	-51.0169	-3.79247	-19.6014	-263.881
137	-51.1118	-3.679	-19.565	-272.106
136.6698	-51.1448	-3.62551	-19.5524	-275.831
136.6597	-51.1659	-3.74256	-19.5445	-267.292
138.3296	-50.9213	-3.60889	-19.6381	-277.397
139.3294	-50.9526	-3.78479	-19.6261	-264.787
140	-50.9802	-3.7132	-19.6155	-269.611
139.671	-50.9017	-3.65643	-19.6458	-273.498
138.6713	-50.8873	-3.73041	-19.6514	-268.1
138.3284	-50.9229	-3.72418	-19.6377	-268.526
139.3281	-50.6534	-3.61256	-19.7421	-276.9
140	-50.5863	-3.67899	-19.7682	-271.926
139.6723	-50.7133	-3.54967	-19.7187	-282.034
139	-50.7805	-3.53748	-19.6926	-282.737
139.3271	-50.6906	-3.6377	-19.7275	-274.944
140.3269	-50.6306	-3.60027	-19.7509	-277.803
141	-50.5648	-3.6444	-19.7766	-274.448
141	-50.5464	-3.5284	-19.7838	-283.645
140.0214	-50.5861	-3.70557	-19.7684	-270.428
138.6518	-50.7376	-3.67503	-19.7093	-272.291
140.3257	-50.7236	-3.57544	-19.7147	-279.697
140.6744	-50.7286	-3.64822	-19.7128	-274.181
139.3494	-50.8017	-3.56615	-19.6845	-280.564
138	-50.8812	-3.67995	-19.6538	-272.017
138	-50.708	-3.5881	-19.7208	-278.98
137.0266	-50.845	-3.62551	-19.6678	-275.955
135.3241	-50.942	-3.6511	-19.6304	-273.897
135.3525	-50.7833	-3.67283	-19.6916	-272.281
134	-50.9024	-3.81457	-19.6454	-262.287
133.6768	-50.9152	-3.83798	-19.6405	-260.564
133.6459	-50.977	-3.75907	-19.6167	-266.058
135	-50.9327	-3.69461	-19.6338	-270.676
135.3226	-50.9798	-3.75615	-19.6157	-266.284
134.711	-50.8716	-3.74263	-19.6574	-267.214
131.6781	-50.9678	-3.82404	-19.6202	-261.596
131	-51.0179	-3.76121	-19.601	-265.98
131.3216	-51.0433	-3.70215	-19.5912	-270.114
131.6787	-51.0646	-3.70609	-19.5831	-269.827
131	-51.1571	-3.74534	-19.5476	-267.01
130.6793	-51.1512	-3.75473	-19.5499	-266.331
129.6795	-51.2955	-3.83001	-19.495	-261.148
129.9612	-51.3086	-3.83139	-19.4902	-261.013
131.6799	-51.1019	-3.85817	-19.5689	-259.206
130.6802	-51.2519	-3.84283	-19.5115	-260.235

130.3195	-51.1303	-3.7752	-19.5579	-264.909
131	-51.0581	-3.75126	-19.5855	-266.577
131.3192	-51.0621	-3.80199	-19.584	-263.042
132.3189	-51.0187	-3.78264	-19.6007	-264.382
133	-50.945	-3.61193	-19.629	-277.082
133	-51.0985	-3.71898	-19.5701	-269.191
133.3181	-51.1128	-3.72549	-19.5649	-268.476
133.0461	-50.9226	-3.61104	-19.6379	-276.989
131.6347	-51.1465	-3.71462	-19.5517	-269.393
133	-51.083	-3.6764	-19.576	-272.11
132.6832	-51.0976	-3.7892	-19.5704	-264.146
132	-51.1107	-3.85153	-19.5654	-259.639
132.3165	-51.0929	-3.69682	-19.5722	-270.705
133.3161	-51.1447	-3.78126	-19.5524	-264.68
134.3158	-51.1202	-3.67191	-19.5618	-272.657
134.6845	-51.1184	-3.6476	-19.5625	-274.194
134.3153	-51.1625	-3.70605	-19.5458	-269.836
134.6848	-51.0395	-3.82296	-19.5928	-261.671
134.3149	-51.2169	-3.83841	-19.5249	-260.535
134.3708	-51.1541	-3.78735	-19.5488	-264.047
133.3143	-51.2059	-3.8052	-19.5291	-262.809
134	-51.077	-3.74585	-19.5783	-267.015
134	-51.1275	-3.75789	-19.5591	-266.129
134.3134	-51.2742	-3.85064	-19.503	-259.738
135.3131	-51.0605	-3.70393	-19.5848	-270.286
135.3744	-50.9329	-3.78893	-19.6338	-264.199
134	-51.1707	-3.79699	-19.5425	-263.417
134.3125	-51.16	-3.72582	-19.5466	-268.408
135.3122	-51.0358	-3.71606	-19.5941	-269.102
135.6881	-51.0901	-3.75391	-19.5734	-266.4
134.6884	-51.2924	-3.83928	-19.4961	-260.506
134	-51.1625	-3.86525	-19.546	-258.716
133.6887	-50.9272	-3.86156	-19.6361	-258.963
133	-51.1989	-3.8691	-19.5317	-258.459
133	-51.1629	-3.70745	-19.5454	-269.985
132.6897	-51.0973	-3.84136	-19.5705	-260.738
131.6899	-51.2161	-3.80156	-19.5252	-263.236
131.6201	-51.2721	-3.80642	-19.5041	-262.767
132.6903	-51.1066	-3.85174	-19.5673	-259.624
131.6906	-51.362	-3.85549	-19.4697	-259.371
131.6183	-51.2236	-3.9248	-19.5223	-254.83
133.3089	-51.149	-3.91667	-19.5508	-255.334
134	-51.073	-3.91139	-19.5799	-255.666
134.3085	-51.1387	-3.79266	-19.5547	-263.811
134.6918	-51.1916	-3.79875	-19.5346	-263.288
134.3079	-51.2615	-3.90129	-19.5081	-256.365
134.6923	-51.0239	-3.92747	-19.5987	-254.617

134	-51.0951	-3.78045	-19.5713	-264.704
134.3073	-51.0635	-3.78433	-19.5835	-264.3
135	-51.0099	-3.86342	-19.604	-258.853
134.6933	-51.134	-3.74005	-19.5566	-267.571
134	-51.2009	-3.77054	-19.5312	-265.314
134	-50.9745	-3.85578	-19.6177	-259.361
134.6122	-51.085	-3.72972	-19.5752	-268.311
136	-51.0794	-3.85048	-19.5774	-260.042
136	-51.0666	-3.76136	-19.5823	-266.18
135.6947	-50.9964	-3.68856	-19.6093	-271.113
135	-51.0896	-3.87412	-19.5735	-258.396
135.3049	-51.0187	-3.86168	-19.6007	-259.042
135.3909	-50.9574	-3.74325	-19.6242	-267.191
133.6958	-50.9576	-3.81785	-19.6242	-262.036
132.696	-50.9394	-3.68972	-19.6312	-271.354
132.3039	-50.9444	-3.71948	-19.6293	-269.005
132.6964	-50.8929	-3.71977	-19.6493	-268.871
132.6067	-51.0307	-3.73013	-19.5962	-268.104
133.6973	-50.8888	-3.64033	-19.6508	-274.829
133.3025	-50.981	-3.61859	-19.6153	-276.364
134	-50.7988	-3.77385	-19.6856	-265.165
134.3018	-50.9774	-3.69996	-19.6166	-270.479
135.603	-51.0286	-3.73619	-19.597	-267.773
136.6988	-50.8252	-3.75109	-19.6753	-266.606
135.0971	-50.8327	-3.71617	-19.6724	-269.096
133.6018	-50.9044	-3.73585	-19.6447	-267.684
135.3006	-50.7126	-3.68907	-19.719	-271.108
135.6997	-50.7184	-3.71249	-19.717	-269.391
135	-50.9577	-3.65862	-19.6242	-273.397
135	-50.8594	-3.6844	-19.6621	-271.463
135.2997	-50.7709	-3.6451	-19.6964	-274.4
136	-50.7112	-3.68104	-19.7196	-271.72
136.2991	-50.7855	-3.68555	-19.6907	-271.342
136.7012	-50.7045	-3.59372	-19.7221	-278.324
135.7015	-50.84	-3.65657	-19.6696	-273.591
135.2984	-50.9102	-3.63537	-19.6426	-275.133
136	-50.7345	-3.63716	-19.7105	-274.957
136.2978	-50.7452	-3.76579	-19.7063	-265.664
137	-50.6227	-3.68036	-19.754	-271.918
136.1081	-50.5909	-3.64041	-19.7666	-274.707
134	-50.7695	-3.61797	-19.6969	-276.416
134	-50.6869	-3.49598	-19.729	-286.166
134.2966	-50.6914	-3.56342	-19.7272	-280.799
134.7037	-50.7325	-3.70127	-19.7113	-270.236
134	-50.7697	-3.59715	-19.6968	-278.225
134	-50.6694	-3.69217	-19.7358	-271.152
134.2957	-50.6152	-3.67973	-19.7569	-271.867

135	-50.6368	-3.55792	-19.7485	-281.117
135	-50.7949	-3.63107	-19.6871	-275.534
135.2949	-50.8298	-3.68174	-19.6736	-271.611
136	-50.6657	-3.63776	-19.7373	-274.912
135.7055	-50.6067	-3.68385	-19.7603	-271.503
135.2942	-50.7478	-3.64568	-19.7053	-274.356
135.7061	-50.7641	-3.6468	-19.699	-274.231
135.2937	-50.7958	-3.6343	-19.6868	-275.169
135.7064	-50.6478	-3.75063	-19.7443	-266.806
135	-50.7091	-3.61398	-19.7204	-277.177
135.293	-50.6744	-3.64457	-19.734	-274.603
136.2926	-50.8272	-3.65221	-19.6746	-273.856
136.7076	-50.67	-3.65672	-19.7356	-273.487
136	-50.6079	-3.59198	-19.7598	-278.482
136.2917	-50.5056	-3.43992	-19.7998	-290.85
137.2914	-50.5968	-3.49531	-19.7641	-286.257
138	-50.6895	-3.59509	-19.728	-278.176
137.4182	-50.6807	-3.53715	-19.7314	-282.789
136	-50.5394	-3.58809	-19.7868	-278.803
135.419	-50.3751	-3.50025	-19.8514	-285.928
134.2902	-50.623	-3.36996	-19.7539	-296.784
134.7101	-50.5135	-3.3844	-19.7967	-295.501
134.2897	-50.5468	-3.34024	-19.7838	-299.447
134.7104	-50.4632	-3.47929	-19.8167	-287.822
134.2893	-50.6651	-3.36418	-19.7376	-297.859
135.289	-50.4377	-3.39279	-19.8265	-295.028
136	-50.4169	-3.53747	-19.8347	-282.744
136	-50.5761	-3.57422	-19.7722	-279.781
136.5768	-50.5679	-3.53438	-19.7755	-282.954
137.4239	-50.434	-3.61338	-19.8281	-276.868
136	-50.7091	-3.59496	-19.7204	-278.229
136.2875	-50.7206	-3.68789	-19.7161	-271.352
136.7128	-50.471	-3.76697	-19.8134	-265.466
135.7128	-50.5546	-3.73087	-19.7806	-268.051
135	-50.6185	-3.64287	-19.7556	-274.558
135.5731	-50.5941	-3.50658	-19.7654	-285.303
137	-50.3919	-3.45757	-19.8446	-289.221
136.714	-50.604	-3.52786	-19.7613	-283.515
135.7141	-50.7296	-3.52526	-19.7124	-283.686
135	-50.8103	-3.49783	-19.6811	-285.892
135.5706	-50.8768	-3.4281	-19.6554	-291.766
136.43	-50.7733	-3.53662	-19.6954	-283.023
135.5696	-50.8027	-3.71592	-19.6841	-269.22
137.2847	-50.5387	-3.55408	-19.7869	-281.929
137.4312	-50.3829	-3.47908	-19.848	-287.458
135.7159	-50.5292	-3.39294	-19.7906	-294.901
135	-50.627	-3.33179	-19.7523	-300.139

135.2836	-50.506	-3.37565	-19.7997	-296.267
135.433	-50.4312	-3.33282	-19.8293	-300.113
134.2832	-50.6331	-3.40177	-19.7502	-294.126
135	-50.3984	-3.46068	-19.842	-288.961
135	-50.5426	-3.39343	-19.7853	-294.751
135	-50.5849	-3.42898	-19.7688	-291.706
135	-50.5849	-3.43033	-19.7688	-291.538
135.282	-50.5232	-3.44198	-19.793	-290.546
136.2811	-50.4201	-3.46068	-19.8334	-288.961
137.2807	-50.5631	-3.60006	-19.7773	-278.01
137.7195	-50.5538	-3.43313	-19.7809	-292.09
137	-50.4513	-3.42302	-19.8212	-292.371
136.4397	-50.447	-3.52159	-19.8231	-283.972
135.5597	-50.6878	-3.47687	-19.7287	-287.663
137	-50.533	-3.48185	-19.7891	-287.224
137	-50.6166	-3.57575	-19.7564	-279.727
137	-50.5352	-3.50572	-19.7883	-285.407
136.7211	-50.3693	-3.50883	-19.8534	-285.052
136	-50.5164	-3.54594	-19.7956	-282.013
136.5566	-50.5614	-3.51894	-19.778	-284.186
137.7219	-50.5029	-3.57561	-19.8009	-279.738
137	-50.5844	-3.5445	-19.769	-282.193
137	-50.4681	-3.59574	-19.8145	-278.212
137	-50.4161	-3.58296	-19.835	-279.151
137	-50.4681	-3.48046	-19.8145	-287.376
136.4463	-50.4394	-3.51455	-19.8259	-284.599
134.4464	-50.5592	-3.48391	-19.7788	-287.102
133.2765	-50.4804	-3.5145	-19.8097	-284.603
134.2762	-50.4543	-3.49508	-19.8199	-286.165
135	-50.5156	-3.51164	-19.7959	-284.802
135	-50.5949	-3.67458	-19.7649	-272.35
135	-50.4668	-3.63878	-19.815	-274.966
135	-50.4831	-3.53518	-19.8086	-282.891
135.2749	-50.5785	-3.55179	-19.7713	-281.568
136.2746	-50.6896	-3.57422	-19.7279	-279.781
137.2744	-50.5415	-3.46905	-19.7858	-288.415
137.7257	-50.3861	-3.53416	-19.8468	-283.163
136.4519	-50.5397	-3.4324	-19.7865	-291.766
135.2737	-50.5676	-3.46752	-19.7756	-288.651
173.7321	-50.3868	-3.48084	-19.8465	-287.345
274	-50.4422	-3.48724	-19.8247	-286.787
-99999	-99999	-3.51276	-99999	-284.677
136.2728	-50.6262	-3.50413	-19.7528	-285.379
137	-50.3677	-99999	-19.854	-99999
137	-50.4358	-3.6067	-19.8275	-277.262
137.544	-50.5836	-3.57418	-19.7697	-279.798
138.4562	-50.3032	-3.52265	-19.8797	-283.891

137	-50.5851	-3.59486	-19.7687	-278.281
137	-50.4847	-3.51328	-19.808	-284.875
137.271	-50.4624	-3.50485	-19.8167	-285.386
137.4591	-50.5554	-3.48115	-19.7803	-287.319
135.4593	-50.7143	-3.54622	-19.7184	-282.132
134.2701	-50.7239	-3.66479	-19.715	-272.908
134.4605	-50.4672	-3.60842	-19.8151	-277.231
133.5389	-50.7029	-3.63264	-19.7229	-275.356
135	-50.5144	-3.68466	-19.7964	-271.396
134.7309	-50.6711	-3.6227	-19.7351	-276.091
134.2688	-50.6548	-3.57781	-19.7416	-279.501
134.4629	-50.4624	-3.6721	-19.8168	-272.439
133.5365	-50.6204	-3.63209	-19.7549	-275.44
135.536	-50.5896	-3.54142	-19.767	-282.387
137	-50.4734	-3.60007	-19.8125	-277.851
136.7324	-50.5856	-3.56252	-19.7685	-280.792
136	-50.6436	-3.5717	-19.7459	-280.025
136.267	-50.5741	-3.53642	-19.773	-282.838
137.2668	-50.4584	-3.53263	-19.8183	-283.095
137.7333	-50.4004	-3.52292	-19.8412	-283.87
136.7339	-50.5854	-3.46578	-19.7686	-288.556
136	-50.6125	-3.50749	-19.758	-285.162
136.2655	-50.4727	-3.37967	-19.8127	-296.308
137	-50.4731	-3.45216	-19.8126	-290.114
136.7348	-50.5699	-3.45819	-19.7746	-289.304
136.5298	-50.486	-3.52913	-19.8078	-283.587
137.7354	-50.2553	-3.5367	-19.8986	-282.816
137.2643	-50.5049	-3.50026	-19.8001	-285.694
138	-50.5017	-3.43369	-19.8013	-291.304
138	-50.4438	-3.42375	-19.8241	-292.093
137.4727	-50.4229	-3.46972	-19.8323	-288.218
135.7366	-50.4793	-3.45385	-19.8101	-289.547
135.263	-50.4091	-3.53584	-19.8378	-282.96
135.7372	-50.3051	-3.4743	-19.8788	-288.043
134.7373	-50.5091	-3.50843	-19.7984	-285.195
134	-50.6123	-3.47104	-19.758	-288.251
134	-50.5374	-3.51159	-19.7873	-284.922
134.2618	-50.4386	-3.64528	-19.8261	-274.391
135	-50.4693	-3.65602	-19.8141	-273.534
135.2615	-50.5864	-3.57108	-19.7682	-280.084
136	-50.4709	-3.52554	-19.8134	-283.645
136.2609	-50.5442	-3.65112	-19.7847	-274.101
136.7394	-50.4857	-3.76194	-19.8078	-265.832
136	-50.6993	-3.60912	-19.7243	-277.456
136	-50.499	-3.66917	-19.8024	-272.888
136	-50.5424	-3.70086	-19.7854	-270.266
136	-50.5424	-3.63224	-19.7854	-275.321

135.7409	-50.5989	-3.64837	-19.7633	-274.108
135.5177	-50.6933	-3.53426	-19.7266	-283.191
136.7412	-50.5716	-3.45187	-19.7741	-289.698
136.5169	-50.6785	-3.55364	-19.7325	-281.546
137.4837	-50.4677	-3.50931	-19.8148	-285.118
136.2579	-50.6631	-3.57591	-19.7382	-279.891
137.2576	-50.6339	-3.48831	-19.7497	-287.085
137.7424	-50.5724	-3.48944	-19.7737	-286.746
137	-50.6874	-3.58107	-19.7288	-279.255
136.4861	-50.6105	-3.65991	-19.7588	-273.281
135	-50.7606	-3.66755	-19.7003	-272.674
135.2564	-50.6745	-3.55349	-19.734	-281.536
135.7437	-50.466	-3.43629	-19.8154	-291.063
135.256	-50.5288	-3.5333	-19.7908	-283.277
135.4886	-50.433	-3.45104	-19.8284	-290.177
134.2554	-50.5867	-3.28342	-19.7681	-304.633
135	-50.5119	-3.40902	-19.7974	-293.782
135	-50.6436	-3.48622	-19.7458	-286.854
135	-50.5986	-3.39978	-19.7635	-294.214
135	-50.4819	-3.45235	-19.8091	-289.8
135.2542	-50.5003	-3.51276	-19.8019	-284.677
136	-50.4992	-3.5505	-19.8024	-281.671
136.5078	-50.6074	-3.60617	-19.7603	-277.316
137.7464	-50.3096	-3.58848	-19.8769	-278.689
136.7467	-50.3792	-3.45849	-19.8495	-289.314
136	-50.4106	-3.45475	-19.8371	-289.518
136.2527	-50.5318	-3.39974	-19.7895	-294.284
137.2527	-50.4459	-3.44572	-19.8233	-290.391
137.2429	-50.4046	-3.47548	-19.8398	-287.751
135.2521	-50.6908	-3.44655	-19.7276	-290.146
136.2518	-50.4586	-3.47466	-19.8183	-287.813
137.2515	-50.3734	-3.56912	-19.8518	-280.26
137.7486	-50.4407	-3.61643	-19.8255	-276.516
137.2511	-50.6343	-3.57904	-19.7497	-279.424
137.7492	-50.3824	-3.54956	-19.8482	-281.726
137.2505	-50.4756	-3.47794	-19.8116	-287.596
137.7497	-50.4405	-3.50254	-19.8254	-285.576
137	-50.5002	-3.61429	-19.802	-276.744
136.5002	-50.3456	-3.49044	-19.8627	-286.913
134.751	-50.4328	-3.4511	-19.8284	-289.835
134	-50.5092	-3.50012	-19.7984	-285.705
134.2485	-50.4839	-3.51481	-19.8083	-284.513
135	-50.4516	-3.55964	-19.821	-280.948
135.2481	-50.5306	-3.58389	-19.7901	-279.027
135.7522	-50.391	-3.54626	-19.8448	-282.007
135	-50.4815	-3.61689	-19.8093	-276.605
135.4945	-50.5052	-3.57773	-19.7999	-279.648

137.2472	-50.4176	-3.41763	-19.8344	-292.746
137.7531	-50.4104	-3.52003	-19.8373	-284.495
137.2466	-50.5203	-3.48388	-19.7943	-287.343
137.7537	-50.192	-3.48516	-19.9235	-287.066
136.754	-50.1856	-3.67572	-19.9263	-272.279
136	-50.5412	-3.56812	-19.7859	-280.779
136.2457	-50.6497	-3.48532	-19.7436	-286.946
137	-50.4134	-3.57552	-19.836	-279.736
136.5099	-50.4317	-3.61054	-19.8291	-276.967
135.4896	-50.6683	-3.6067	-19.7364	-277.262
137.2447	-50.3879	-3.5444	-19.846	-282.192
137.7556	-50.4538	-3.57181	-19.8202	-280.037
137.2441	-50.5498	-3.57946	-19.7826	-279.391
137.5124	-50.3772	-3.58051	-19.8503	-279.299
136	-50.5407	-3.56621	-19.7861	-280.423
136.7305	-50.6304	-3.54594	-19.7512	-282.013
138.2704	-50.4331	-3.58846	-19.8284	-278.697
136	-50.5879	-3.48083	-19.7677	-287.571
135.5148	-50.4295	-3.5097	-19.8298	-285.14
134.2424	-50.5745	-3.56811	-19.7729	-280.266
135.2423	-50.426	-3.52967	-19.8311	-283.323
136	-50.4553	-3.48678	-19.8196	-286.808
135.7583	-50.376	-3.50113	-19.8507	-285.638
134.7586	-50.4321	-3.57879	-19.8287	-279.471
134.2411	-50.4847	-3.55411	-19.808	-281.422
135.4821	-50.3592	-3.51831	-19.8574	-284.228
136.7592	-50.2878	-3.55918	-19.8857	-280.984
136.2405	-50.5183	-3.54672	-19.7948	-281.971
137	-50.4281	-3.57868	-19.8302	-279.48
137	-50.3977	-3.64738	-19.8422	-274.183
137.2399	-50.4043	-3.63125	-19.8396	-275.406
137.5209	-50.402	-3.57585	-19.8408	-279.668
136.2392	-50.6955	-3.58608	-19.7258	-278.87
136.7611	-50.4801	-3.66805	-19.8098	-272.676
136.2384	-50.577	-3.67852	-19.7719	-271.861
137	-50.5144	-3.62731	-19.7964	-275.7
137.238	-50.5211	-3.67412	-19.7937	-272.236
137.5246	-50.4624	-3.68271	-19.8168	-271.558
136.2374	-50.5798	-3.68853	-19.7709	-271.123
136.7628	-50.4317	-3.64221	-19.8291	-274.621
136.4742	-50.7002	-3.57211	-19.7239	-279.956
137.7632	-50.5101	-3.65324	-19.7981	-273.864
137.2365	-50.596	-3.68278	-19.7646	-271.552
137.5276	-50.3622	-3.52477	-19.8562	-283.978
135.764	-50.4488	-3.65886	-19.8221	-274.022
135	-50.4699	-3.65307	-19.8139	-274.085
134.7644	-50.3544	-3.5571	-19.8594	-281.13

134.2353	-50.5447	-3.60136	-19.7845	-277.693
135	-50.4668	-3.63222	-19.815	-275.314
134.7653	-50.4907	-3.63627	-19.8056	-275.008
134.2347	-50.5447	-3.59938	-19.7845	-277.845
135.2344	-50.4845	-3.44455	-19.8081	-290.592
136.2341	-50.519	-3.52253	-19.7946	-284.327
137	-50.4558	-3.59942	-19.8193	-277.842
136.7665	-50.5511	-3.62989	-19.782	-275.535
136.2334	-50.6938	-3.63164	-19.7263	-275.377
137	-50.576	-3.50971	-19.7723	-285.072
136.7672	-50.4655	-3.54013	-19.8155	-282.622
167.8566	-50.5035	-3.57069	-19.8007	-280.078
241.4078	-50.431	-3.58193	-19.8292	-279.199
137	-50.6166	-3.51504	-19.7564	-284.624
137.4638	-50.5303	-3.50053	-19.7903	-285.709
170.4995	-50.2787	-3.5411	-19.8892	-282.399
243.0793	-50.4039	-3.54594	-19.8397	-282.013
137	-50.4422	-3.51036	-19.8247	-284.892
137.231	-50.4327	-3.4758	-19.8284	-287.705
138	-50.4543	-3.55026	-19.82	-281.773
138.2301	-50.5161	-3.6067	-19.796	-277.262
138.5404	-50.2134	-3.60103	-19.9152	-277.699
136.7704	-50.4696	-3.4662	-19.8139	-288.784
136	-50.366	-3.5059	-19.8547	-285.514
136	-50.366	-3.50641	-19.8547	-285.324
135.7711	-50.3755	-3.48416	-19.8509	-287.041
135	-50.3939	-3.51276	-19.8437	-284.677
135	-50.3344	-3.51276	-19.8671	-284.677
135	-50.302	-3.51819	-19.88	-284.238
135	-50.3885	-3.49121	-19.8458	-286.45
135	-50.499	-3.5675	-19.8024	-280.458
135	-50.3669	-3.53841	-19.8544	-282.764
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136.2267	-50.3375	-3.56512	-19.8659	-280.554
137	-50.4685	-3.42953	-19.8143	-291.733
137.2261	-50.4834	-3.42081	-19.8086	-292.385
137.7742	-50.2879	-3.42018	-19.8856	-292.411
137	-50.4609	-3.45192	-19.8174	-289.757
137	-50.3514	-3.46451	-19.8605	-288.656
137.4504	-50.3845	-3.44317	-19.8475	-290.43
138.7751	-50.2214	-3.3523	-19.9119	-298.457
137.7754	-50.3652	-3.34847	-19.855	-298.714
137	-50.4027	-3.29194	-19.8403	-303.969
137	-50.2793	-3.28575	-19.8889	-304.429
137.448	-50.2939	-3.24106	-19.8832	-308.713
139.2237	-50.1644	-3.33721	-19.9345	-300.155
139.7766	-50.1235	-3.23024	-19.9508	-310.598

138.7769	-50.2403	-3.15895	-19.9044	-316.734
138.2231	-50.1909	-3.31084	-19.924	-302.198
138.7772	-50.104	-3.19113	-19.9585	-314.104
138	-50.1865	-3.15783	-19.9257	-316.895
137.5557	-50.0799	-3.1639	-19.9681	-316.16
136	-50.1346	-3.18207	-19.9464	-314.354
136	-49.9745	-3.13743	-20.0102	-318.924
136	-50.0947	-3.11029	-19.9622	-321.548
136.2212	-50.1128	-3.01422	-19.9551	-332.159
137	-49.862	-3.11433	-20.0554	-321.968
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136.2206	-49.9392	-3.01558	-20.0244	-331.856
137.4406	-49.9052	-2.98902	-20.038	-334.805
139.22	-49.8707	-2.92286	-20.0519	-342.131
139.7803	-49.8683	-2.79547	-20.053	-358.274
139	-50.0236	-2.85202	-19.9909	-351.35
138.5612	-49.7095	-2.80377	-20.117	-357.47
137.4382	-49.9052	-2.71973	-20.038	-367.718
139.2188	-49.8838	-2.74683	-20.0466	-364.057
139.7815	-49.8366	-2.84836	-20.0656	-351.384
138.7818	-49.8074	-2.8193	-20.0774	-355.022
138.2182	-49.9089	-2.74363	-20.0365	-364.481
139.4358	-49.7907	-2.6832	-20.0841	-372.818
141	-49.6659	-2.70398	-20.1346	-369.975
140.783	-49.7663	-2.71751	-20.0939	-368.024
140	-49.7824	-2.62833	-20.0874	-380.64
140	-49.7231	-2.64102	-20.1114	-378.788
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139.7843	-49.7311	-2.60632	-20.1081	-383.721
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138	-49.7457	-2.65909	-20.1024	-376.105
138	-49.5605	-2.6083	-20.1774	-383.425
138.2145	-49.7169	-2.61993	-20.1139	-381.734
139	-49.5675	-2.61538	-20.1746	-382.388
138.572	-49.5272	-2.59212	-20.191	-385.784
137.2139	-49.6809	-2.52749	-20.1285	-395.832
138	-49.5215	-2.54371	-20.1933	-393.309
138.2133	-49.5873	-2.5617	-20.1665	-390.403
139.213	-49.6329	-2.44563	-20.1479	-409.344
140	-49.5572	-2.53138	-20.1787	-396.184
139.7873	-49.6031	-2.58268	-20.1601	-387.378
139.2124	-49.7273	-2.50187	-20.1098	-399.751
140.2121	-49.5243	-2.60115	-20.1922	-385.101
140.7882	-49.4475	-2.53964	-20.2235	-394.823
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140	-49.5916	-2.63084	-20.1647	-380.268

140	-49.5099	-2.55369	-20.198	-391.632
140.2109	-49.5118	-2.53097	-20.1973	-395.105
141	-49.3922	-2.47026	-20.2462	-404.999
141	-49.5559	-2.45496	-20.1793	-407.385
141	-49.4239	-2.50814	-20.2332	-398.747
170.8126	-49.3221	-2.52927	-20.275	-395.371
253.4403	-49.4766	-2.46774	-20.2116	-405.41
142	-49.4862	-2.45391	-20.2077	-407.565
141.7909	-49.4434	-2.39978	-20.2252	-417.036
140.5819	-49.3342	-2.29463	-20.27	-435.932
139	-49.5077	-2.25973	-20.1989	-442.53
139.2084	-49.3792	-2.26124	-20.2515	-442.236
140	-49.2172	-2.23249	-20.3181	-447.992
139.7921	-49.0918	-2.02449	-20.37	-497.051
139	-49.1544	-1.94544	-20.3441	-514.424
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141.4144	-48.7419	-1.85922	-20.5163	-537.972
143	-48.5207	-1.85121	-20.6098	-540.304
143.2063	-48.3909	-1.82811	-20.6651	-547.012
144.2063	-48.2638	-1.73777	-20.7195	-576.648
145.206	-48.2233	-1.72883	-20.7369	-578.98
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145.7946	-48.147	-1.66938	-20.7698	-599.026
145	-48.3142	-1.76215	-20.6979	-568.689
145	-48.0791	-1.68113	-20.7991	-598.513
144.7952	-47.974	-1.68544	-20.8447	-595.728
144.4089	-48.1211	-1.65602	-20.7809	-606.384
146.2041	-47.9854	-1.59062	-20.8397	-628.851
146.7961	-47.8598	-1.58225	-20.8944	-632.198
146	-48.0287	-1.531	-20.8209	-653.33
146	-48.0414	-1.54055	-20.8154	-649.317
146.2032	-48.0853	-1.53365	-20.7964	-652.241
147	-48.0642	-1.50987	-20.8055	-662.308
146.5946	-48.0876	-1.6612	-20.7954	-605.963
145.2026	-48.1365	-1.65985	-20.7743	-604.845
145.7977	-47.9719	-1.56729	-20.8456	-638.045
145	-47.9927	-1.59464	-20.8365	-627.246
145	-47.9674	-1.64654	-20.8475	-607.5
144.5971	-47.9539	-1.54752	-20.8536	-649.336
143.2014	-48.229	-1.45156	-20.7346	-688.913
143.7989	-47.987	-1.63328	-20.839	-618.404
143	-48.1346	-1.59169	-20.7751	-634.725
143.2005	-48.1919	-1.66134	-20.7505	-610.049
143.5995	-48.0933	-1.64438	-20.7931	-614.045
142.2002	-48.3457	-1.68394	-20.6844	-599.622
172.1822	-48.1765	-1.73744	-20.757	-576.799
289	-48.1934	-1.69528	-20.7497	-590.014

-99999	-99999	-1.6272	-99999	-616.067
146.801	-48.18	-1.64883	-20.7555	-608.057
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173.004	-48.3633	-1.67501	-20.6769	-597.011
261.4373	-48.2484	-1.7631	-20.7261	-568.317
146	-48.2755	-1.68126	-20.7145	-598.57
146	-48.2633	-1.68217	-20.7197	-596.948
145.8023	-48.2195	-1.86839	-20.7385	-536.226
144.8026	-48.2716	-1.94016	-20.7161	-515.423
144.1971	-48.3636	-1.79114	-20.6768	-561.341
145.1968	-48.2241	-1.67143	-20.7365	-598.292
146	-48.1767	-1.72981	-20.757	-578.647
145.8035	-48.2931	-1.71776	-20.7069	-582.706
145	-48.3287	-1.64162	-20.6917	-609.302
145	-48.2039	-1.67862	-20.7453	-596.342
145	-48.2913	-1.63655	-20.7077	-612.513
144.8053	-48.2471	-1.7125	-20.7267	-587.533
143.8053	-48.2506	-1.65313	-20.7251	-610.5
142.6112	-48.1956	-1.59886	-20.7488	-627.026
141.3882	-48.2688	-1.6691	-20.7174	-599.127
143	-48.2087	-1.72658	-20.7432	-579.719
143.1935	-48.2698	-1.68031	-20.7172	-596.6
143.6131	-47.9524	-1.57743	-20.8542	-634.097
142	-48.2246	-1.64671	-20.7363	-608.807
142.5786	-48.2499	-1.62916	-20.7256	-615.364
145.1926	-47.9966	-1.55348	-20.835	-643.717
146	-48.2518	-1.61349	-20.7246	-620.508
146	-48.1406	-1.63565	-20.7725	-611.518
145.6161	-48.1131	-1.55802	-20.7844	-642.491
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145.191	-48.2509	-1.54604	-20.7251	-651.884
146	-48.0169	-1.60928	-20.826	-622.07
146	-47.9666	-1.533	-20.8479	-652.498
146	-48.0253	-1.50987	-20.8225	-662.308
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147.8102	-47.8317	-1.45525	-20.9067	-687.166
147	-47.9673	-1.48708	-20.8476	-672.713
147	-47.8165	-1.42581	-20.9133	-703.498
147	-47.84	-1.44144	-20.9031	-695.871
146.8114	-47.9338	-1.42356	-20.8621	-704.736
145.6228	-47.9378	-1.46746	-20.8604	-685.128
143.8117	-48.0872	-1.50653	-20.7955	-664.579
143	-48.1093	-1.42687	-20.786	-701.123
143.3753	-48.052	-1.45671	-20.8109	-687.332
144.8126	-47.8444	-1.50126	-20.9012	-666.108

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143.8129	-47.9097	-1.50158	-20.8726	-665.964
142.8132	-48.0233	-1.47289	-20.8233	-679.174
142.1864	-48.1478	-1.38707	-20.7695	-722.083
143.3724	-47.956	-1.36481	-20.8525	-732.961
145.3723	-48.0615	-1.47767	-20.8068	-678.835
146.8142	-47.8328	-1.43206	-20.9062	-702.345
146	-47.8926	-1.4572	-20.8801	-690.544
146	-47.8763	-1.44606	-20.8872	-695.172
146.3694	-47.9735	-1.37742	-20.845	-726.241
147.6308	-47.7848	-1.37055	-20.9273	-729.927
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146.184	-47.8255	-1.29758	-20.9093	-770.669
146.8163	-47.8046	-1.29717	-20.9186	-770.91
146.3669	-47.9624	-1.32248	-20.8498	-756.431
147.6332	-47.7222	-1.43479	-20.9547	-699.268
146.1831	-47.9277	-1.39326	-20.8648	-721.946
147	-47.7655	-1.26794	-20.9356	-788.987
147.1825	-47.7893	-1.24238	-20.9252	-804.907
148	-47.69	-1.26991	-20.9688	-787.826
148	-47.7803	-1.32475	-20.9291	-755.181
147.6362	-47.7271	-1.2931	-20.9525	-774.59
146	-47.693	-1.30413	-20.9675	-768.137
145.8187	-47.6284	-1.20908	-20.996	-837.095
145.181	-47.7537	-1.16675	-20.9409	-860.6
145.819	-47.5533	-1.29242	-21.0291	-775.05
145	-47.6426	-1.31113	-20.9897	-763.038
144.6393	-47.5291	-1.28563	-21.0398	-777.827
143.18	-47.7225	-1.22542	-20.9545	-817.719
144.3596	-47.6588	-1.31984	-20.9825	-765.754
146	-47.4964	-1.29251	-21.0543	-782.725
146	-47.6641	-1.28437	-20.9801	-784.667
146.1788	-47.6891	-1.30295	-20.9692	-770.285
147	-47.5994	-1.31963	-21.0087	-760.828
147.1783	-47.7386	-1.42611	-20.9474	-701.472
147.6436	-47.6648	-1.39451	-20.9799	-718.127
146	-47.6641	-1.43388	-20.9802	-699.712
146	-47.716	-1.48247	-20.9574	-674.747
145.8227	-47.7982	-1.54185	-20.9216	-650.206
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147	-47.9006	-1.56777	-20.8766	-640.921
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146.8236	-47.9672	-1.51746	-20.8476	-662.437
146	-48.1124	-1.67654	-20.7847	-597.085
146.1758	-48.1985	-1.69776	-20.7475	-589.16
146.8242	-48.1303	-1.61467	-20.7769	-620.015
145.8245	-48.1898	-1.62234	-20.7514	-617.082

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144.8251	-48.0303	-1.73438	-20.8203	-578.734
144	-48.229	-1.68924	-20.7345	-595.684
144	-48.3316	-1.73532	-20.6904	-581.249
143.8261	-48.3148	-1.73975	-20.6976	-578.26
142.8264	-48.251	-1.78697	-20.725	-564.326
142	-48.3155	-1.82353	-20.6973	-550.297
142.1731	-48.2693	-1.7792	-20.7171	-562.548
142.827	-48.3352	-1.74056	-20.6889	-575.815
142.1727	-48.4767	-1.75063	-20.6285	-572.483
142.8276	-48.3458	-1.85724	-20.6844	-538.556
142.3442	-48.5235	-1.85435	-20.6087	-539.39
144	-48.312	-1.74199	-20.6989	-575.303
144.1718	-48.5222	-1.78147	-20.6091	-563.448
144.8285	-48.5325	-1.88406	-20.6048	-530.77
144	-48.4234	-1.88507	-20.6512	-530.484
144	-48.2695	-1.91454	-20.717	-522.425
144.1706	-48.2753	-1.88245	-20.7145	-531.662
145	-48.3243	-1.85959	-20.6935	-537.862
145	-48.4263	-1.76978	-20.6499	-567.139
144.66	-48.4151	-1.81189	-20.6547	-555.041
143.1697	-48.3868	-1.7695	-20.6669	-569.749
144.3388	-48.455	-1.73198	-20.6379	-579.596
145.8306	-48.2196	-1.88852	-20.7387	-529.927
145	-48.507	-1.79655	-20.6157	-559.693
144.8313	-48.3394	-1.75623	-20.6871	-570.622
144.3369	-48.4554	-1.77668	-20.6377	-563.346
145.8318	-48.1985	-1.83909	-20.7476	-545.581
145	-48.3952	-1.79743	-20.6632	-559.448
168.6649	-48.2406	-1.75606	-20.7295	-570.679
261.8755	-48.2609	-1.7198	-20.7207	-583.705
142	-48.3891	-1.75936	-20.6658	-571.695
142	-48.3891	-1.7981	-20.6658	-557.32
142.1669	-48.3634	-1.71907	-20.6768	-581.709
143	-48.2247	-1.71859	-20.7363	-581.874
142.8337	-48.2084	-1.71859	-20.7433	-581.874
142.332	-48.3277	-1.66173	-20.6922	-602.414
144	-48.071	-1.58144	-20.8027	-632.529
144.3314	-48.3019	-1.64106	-20.7032	-610.881
146	-48.1728	-1.6908	-20.7586	-591.582
145.8349	-48.2699	-1.6956	-20.7169	-589.929
145	-48.2212	-1.66805	-20.7378	-600.083
144.8355	-48.1528	-1.5633	-20.7673	-640.396
144.329	-48.292	-1.5956	-20.7074	-628.252
145.8358	-48.0951	-1.72632	-20.7921	-579.821
145.1633	-48.0929	-1.63555	-20.7931	-615.586
145.8371	-48.0013	-1.53676	-20.8328	-650.952

145	-48.1998	-1.56275	-20.747	-639.897
145.3253	-48.2544	-1.61831	-20.7236	-618.634
147	-47.9925	-1.52946	-20.8366	-658.907
146.838	-47.965	-1.5697	-20.8486	-643.982
145.8383	-48.1151	-1.61432	-20.7835	-622.107
145	-48.1913	-1.48487	-20.7507	-673.684
145.3229	-47.9318	-1.51385	-20.863	-661.372
146.6777	-47.9792	-1.50751	-20.8424	-664.212
145	-48.1396	-1.53753	-20.773	-652.119
144.679	-47.9588	-1.5329	-20.8513	-654.008
143	-48.1093	-1.54061	-20.786	-650.789
143.3204	-48.0705	-1.61454	-20.8029	-619.371
144.8401	-47.9215	-1.55424	-20.8676	-644.255
144	-48.1571	-1.49971	-20.7655	-666.797
143.8407	-47.8971	-1.41734	-20.8781	-707.75
143	-47.9393	-1.48237	-20.8598	-680.358
143.318	-48.0176	-1.46977	-20.8257	-686.404
145	-47.897	-1.44836	-20.8782	-694.294
145.1584	-48.0313	-1.49608	-20.8198	-669.282
146	-47.9239	-1.39071	-20.8664	-720.04
146.1578	-47.9952	-1.31484	-20.8355	-760.831
147	-47.8361	-1.34735	-20.9047	-743.439
146.8425	-47.9546	-1.45706	-20.8531	-687.286
146.1572	-47.9856	-1.42712	-20.8397	-702.91
146.8432	-47.7874	-1.29569	-20.9261	-773.049
146.1566	-47.9235	-1.38188	-20.8667	-730.391
147.1565	-47.6975	-1.39896	-20.9655	-719.03
147.8438	-47.7626	-1.26671	-20.937	-789.821
147	-47.9116	-1.24011	-20.8718	-806.381
146.8444	-47.7677	-1.27084	-20.9347	-787.317
146	-47.8514	-1.27154	-20.8981	-786.808
146.3107	-47.848	-1.27083	-20.8997	-787.194
147.845	-47.5944	-1.20993	-21.011	-830.353
147	-47.8787	-1.26905	-20.8861	-797.115
146.8456	-47.8536	-1.26407	-20.8971	-799.828
146	-47.6769	-1.16362	-20.9746	-859.87
145.8459	-47.5149	-1.30036	-21.0462	-774.291
145	-47.7649	-1.31747	-20.936	-762.17
144.8465	-47.6023	-1.23246	-21.0075	-811.391
144.1529	-47.8306	-1.25853	-20.9073	-794.969
144.6947	-47.5614	-1.28317	-21.0258	-779.322
143.3052	-47.9068	-1.30944	-20.8742	-764.033
145	-47.5436	-1.39165	-21.0335	-719.645
145.152	-47.8442	-1.41545	-20.9012	-706.764
146.1517	-47.7217	-1.41677	-20.9548	-706.105
147	-47.7351	-1.3914	-20.949	-719.683
146.8486	-47.6893	-1.39757	-20.9693	-716.649

146.151	-47.9967	-1.37162	-20.8348	-731.441
146.8493	-47.8203	-1.34889	-20.9116	-742.486
146	-47.8417	-1.45632	-20.9023	-687.633
145.8498	-47.8549	-1.53765	-20.8965	-650.546
145.3003	-47.9036	-1.56279	-20.8753	-639.881
147	-47.8098	-1.45134	-20.9164	-692.837
147.1495	-48.0849	-1.48191	-20.7966	-680.373
147.7016	-47.8889	-1.5606	-20.8817	-641.482
146	-48.0815	-1.56655	-20.798	-639.152
146.1489	-48.0156	-1.62123	-20.8266	-616.815
147	-47.9591	-1.5923	-20.8511	-628.223
147	-48.055	-1.64582	-20.8095	-609.046
146.852	-48.0064	-1.58964	-20.8306	-633.487
145.8523	-48.0327	-1.62218	-20.8192	-622.589
144.8523	-48.0592	-1.64481	-20.8077	-612
144	-48.1097	-1.62045	-20.7859	-619.758
144	-48.2327	-1.61407	-20.7329	-622.387
143.8532	-48.0232	-1.61506	-20.8233	-621.911
142.8535	-48.0501	-1.694	-20.8116	-590.461
142.1465	-48.06	-1.66684	-20.8073	-599.937
143	-48.0196	-1.66445	-20.8249	-600.799
143.1459	-48.2128	-1.66203	-20.7414	-601.676
143.8544	-48.0676	-1.63399	-20.804	-612.16
143.1453	-47.988	-1.60916	-20.8386	-621.444
144.1452	-48.0335	-1.55629	-20.8188	-643.319
145.2899	-48.1009	-1.55594	-20.7897	-643.424
146.8554	-48.0242	-1.63698	-20.8229	-611.072
146	-48.1076	-1.61303	-20.7868	-620.599
145.8559	-47.8724	-1.53705	-20.8889	-650.756
145.144	-48.0604	-1.56629	-20.8072	-639.175
146.1434	-48.0781	-1.58978	-20.7995	-629.223
168.0385	-47.9893	-1.53376	-20.838	-652.202
272.7208	-47.9483	-1.53559	-20.8559	-651.446
145	-48.1797	-1.53862	-20.7556	-650.114
145.1422	-48.1405	-1.52598	-20.7726	-655.361
146.1419	-47.8918	-1.57745	-20.8804	-634.316
147	-47.8516	-1.61594	-20.898	-618.834
147	-48.0467	-1.50791	-20.8131	-666.572
146.859	-47.9531	-1.48257	-20.8537	-676.572
146.141	-47.9988	-1.56581	-20.8339	-638.649
147	-47.834	-1.62005	-20.9057	-617.919
146.7193	-47.9743	-1.59125	-20.8446	-630.088
145	-48.1359	-1.53711	-20.7746	-650.778
144.8602	-47.8707	-1.51163	-20.8896	-662.344
143.8602	-47.9055	-1.53735	-20.8745	-652.171
143.1395	-47.9613	-1.58716	-20.8502	-630.266
143.8609	-47.8596	-1.55674	-20.8945	-642.367

143	-48.0373	-1.58143	-20.8172	-632.516
143.1386	-47.9526	-1.55388	-20.854	-644.328
144	-47.7922	-1.58121	-20.924	-634.123
144.1382	-47.9699	-1.52627	-20.8464	-660.559
145.2759	-48.0223	-1.52514	-20.8237	-661.05
147	-47.8165	-1.52842	-20.9133	-659.456
146.7253	-47.8579	-1.44913	-20.8953	-691.14
145	-48.0832	-1.53526	-20.7974	-651.588
145	-47.8758	-1.56432	-20.8874	-639.255
145.2734	-47.923	-1.56283	-20.8668	-639.865
147	-47.8872	-1.55981	-20.8824	-641.104
146.8639	-47.9357	-1.58556	-20.8613	-630.883
146	-47.9127	-1.61591	-20.8713	-618.85
146.1358	-47.9546	-1.64542	-20.8531	-607.911
147.1355	-47.892	-1.53784	-20.8803	-655.407
147.8648	-47.9802	-1.53416	-20.842	-656.9
146.8651	-47.9977	-1.64476	-20.8343	-608.142
146	-47.9666	-1.56807	-20.8479	-638.405
146	-47.9833	-1.62037	-20.8406	-619.748
146.1343	-48.0789	-1.59253	-20.7992	-632.532
146.866	-47.9642	-1.56155	-20.849	-643.439
145.8663	-47.7446	-1.61802	-20.9448	-618.703
144.8663	-47.9251	-1.64443	-20.8659	-609.597
144	-47.9014	-1.591	-20.8762	-633.278
144	-47.9729	-1.53127	-20.8451	-654.875
144	-48.0654	-1.58464	-20.805	-631.269
143.8675	-47.9681	-1.58245	-20.8472	-632.125
142.8676	-48.0665	-1.66473	-20.8045	-601.357
142.3964	-48.1395	-1.66647	-20.7732	-600.726
145	-47.7821	-1.5287	-20.9284	-656.098
145.1312	-48.0354	-1.60517	-20.818	-629.533
146	-47.9205	-1.61283	-20.8679	-626.375
145.8691	-48.024	-1.47663	-20.8229	-677.486
145.1306	-47.973	-1.56018	-20.8451	-641.738
146	-47.8498	-1.56394	-20.8987	-640.146
146.13	-47.8928	-1.58739	-20.88	-631.528
146.7405	-47.8636	-1.61578	-20.8928	-619.575
145.1297	-48.144	-1.48259	-20.7711	-676.492
146.1294	-47.8848	-1.48062	-20.8835	-677.462
146.8709	-47.7895	-1.58957	-20.9252	-629.268
146.1288	-47.9934	-1.61594	-20.8363	-618.834
146.8718	-47.7893	-1.56415	-20.9253	-640.06
146	-48.0128	-1.50987	-20.8278	-662.308
146	-47.9042	-1.61462	-20.875	-622.082
146.1275	-47.893	-1.61997	-20.8799	-620.03
147.1272	-47.8054	-1.45655	-20.9181	-687.523
147.873	-47.7643	-1.50541	-20.9362	-667.676

146.7461	-48.0013	-1.59082	-20.8328	-628.773
145	-47.9608	-1.53944	-20.8504	-649.765
145	-47.7646	-1.61699	-20.936	-621.128
144.874	-47.9492	-1.59293	-20.8554	-632.508
143.8742	-48.0776	-1.55558	-20.7997	-645.893
160.9786	-48.0301	-1.64022	-20.8203	-609.83
268.1904	-47.9237	-1.55982	-20.8665	-641.899
144	-47.9562	-1.5808	-20.8524	-634.21
144.2496	-47.9262	-1.60935	-20.8655	-622.111
145.8755	-47.7582	-1.5804	-20.9389	-632.966
145.1245	-48.0442	-1.61052	-20.8142	-620.916
146.1242	-47.9402	-1.63836	-20.8594	-610.553
146.8761	-47.7958	-1.5899	-20.9225	-630.601
146.1236	-48.0568	-1.58579	-20.8088	-632.282
146.8767	-47.8273	-1.59281	-20.9086	-629.425
146	-47.8888	-1.53618	-20.8817	-651.172
146	-47.7789	-1.56432	-20.9297	-639.255
146	-47.7943	-1.48525	-20.923	-675.35
146.1224	-47.9162	-1.45164	-20.8698	-689.796
147	-47.9798	-1.50653	-20.8421	-663.779
147	-47.8089	-1.55925	-20.9166	-642.122
146.8782	-47.7724	-1.56646	-20.9326	-639.072
146	-47.9269	-1.5378	-20.8652	-650.46
146.2423	-48.062	-1.53812	-20.8065	-650.349
147.8794	-47.834	-1.56085	-20.9057	-641.413
146.8795	-47.702	-1.59115	-20.9635	-628.642
145.8798	-47.7895	-1.59164	-20.9251	-628.483
145.1199	-47.8566	-1.54159	-20.8958	-650.573
145.8804	-47.8045	-1.47985	-20.9186	-675.947
144.8806	-47.9808	-1.53134	-20.8417	-653.21
144	-47.8854	-1.53349	-20.8832	-652.295
144.119	-47.8038	-1.48021	-20.9189	-675.813
144.8813	-47.6392	-1.50117	-20.9912	-666.939
144	-47.8445	-1.52865	-20.9011	-654.388
144.1181	-47.9232	-1.42175	-20.8668	-705.688
145	-47.6847	-1.41458	-20.9711	-709.262
145	-47.7556	-1.44843	-20.94	-691.354
145.1175	-47.8641	-1.39233	-20.8925	-718.219
146.2344	-47.8285	-1.41882	-20.908	-705.081
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146.8834	-47.6535	-1.43669	-20.9849	-701.901
146.1163	-47.8315	-1.4257	-20.9067	-707.434
147.116	-47.744	-1.48632	-20.945	-674.86
147.8843	-47.7061	-1.47699	-20.9618	-679.051
147.2313	-47.9466	-1.53686	-20.8567	-650.86
148.6539	-47.5491	-1.48565	-21.031	-673.302

146	-47.7933	-1.48468	-20.9234	-673.77
146.2295	-47.877	-1.53887	-20.8869	-650.028
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146.1144	-47.9494	-1.55841	-20.8553	-642.465
147	-47.7879	-1.54152	-20.9259	-650.403
146.8862	-47.6114	-1.5591	-21.0035	-644.332
146.1135	-47.9353	-1.51858	-20.8615	-665.991
146.8867	-47.7014	-1.44994	-20.9638	-693.335
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144.8871	-47.9187	-1.6704	-20.8687	-598.66
143.7748	-47.8353	-1.59296	-20.9051	-629.43
142.3369	-47.8584	-1.55694	-20.895	-643.035
144.888	-47.7155	-1.66298	-20.9576	-601.931
144	-47.9837	-1.71661	-20.8405	-582.546
143.8883	-47.7262	-1.66542	-20.9529	-601.034
143.1114	-47.9372	-1.73919	-20.8606	-578.502
144.3332	-48.0595	-1.75359	-20.8076	-573.827
147	-47.8993	-1.6851	-20.8772	-594.838
146.8892	-48.0671	-1.85018	-20.8043	-541.569
146	-48.0702	-1.88865	-20.8029	-529.891
145.7809	-47.9374	-1.8082	-20.8606	-553.153
144.1093	-48.211	-1.88034	-20.7422	-533.51
145	-48.2349	-1.91736	-20.7319	-522.481
145	-48.1999	-1.93242	-20.747	-519.082
145	-48.3515	-1.97132	-20.6819	-508.127
145	-48.255	-1.9611	-20.7233	-510.775
145	-48.3716	-2.0218	-20.6733	-494.696
145.1078	-48.41	-2.04353	-20.6569	-489.686
145.7846	-48.3147	-2.05047	-20.6978	-488.027
144.1074	-48.6163	-2.01833	-20.5693	-495.546
145	-48.4131	-2.09675	-20.6556	-477.235
145	-48.31	-2.07877	-20.6997	-481.771
144.8935	-48.3941	-2.11822	-20.6637	-473.964
143.8935	-48.6227	-2.21128	-20.5666	-452.491
143	-48.4513	-2.17921	-20.6394	-458.95
142.7882	-48.2183	-2.10785	-20.7392	-475.651
141.2112	-48.574	-2.11922	-20.5872	-473.775
143	-48.3174	-2.2391	-20.6965	-446.671
142.8947	-48.4876	-2.16006	-20.6238	-463.244
141.895	-48.5173	-2.10155	-20.6112	-475.84
141.1047	-48.5147	-2.17679	-20.6124	-460.024
142	-48.2896	-2.16302	-20.7085	-463.483
142	-48.5141	-2.14881	-20.6126	-466.576
142.2081	-48.5144	-2.16463	-20.6125	-463.168
144.1038	-48.501	-2.14804	-20.6182	-466.73
144.8965	-48.3743	-2.16399	-20.6722	-463.29
144	-48.4424	-2.17148	-20.6431	-462.263

144	-48.3632	-2.2658	-20.6769	-441.596
144.1028	-48.6173	-2.13334	-20.5689	-469.415
145	-48.4263	-2.19679	-20.6499	-457.66
144.8978	-48.4229	-2.1965	-20.6514	-458.687
144	-48.4123	-2.11699	-20.6559	-474.236
144.2033	-48.541	-2.26105	-20.6012	-442.273
145.7968	-48.2573	-2.23692	-20.7224	-447.104
144	-48.6143	-2.18365	-20.5702	-458.019
143.899	-48.4089	-2.22799	-20.6574	-449.406
143.2014	-48.5281	-2.26514	-20.6067	-441.717
145.1004	-48.3743	-2.20822	-20.6721	-452.853
145.8996	-48.4737	-2.15918	-20.6298	-463.426
145	-48.5724	-2.15011	-20.5879	-465.377
144.801	-48.2596	-2.15827	-20.7213	-463.623
142.9008	-48.4438	-2.14905	-20.6425	-465.606
142.1978	-48.6018	-2.25682	-20.5755	-443.357
143.8023	-48.2999	-2.26719	-20.7041	-441.316
142	-48.564	-2.18497	-20.5914	-457.743
141.9017	-48.4423	-2.13062	-20.6431	-469.423
140.902	-48.383	-2.20096	-20.6685	-455.449
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144	-48.4729	-2.16013	-20.6301	-463.229
144.0964	-48.6127	-2.22425	-20.5708	-451.224
144.7116	-48.3852	-2.22331	-20.6675	-452.197
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145.094	-48.5228	-2.15431	-20.6089	-464.187
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142.0928	-48.624	-2.17815	-20.566	-459.175
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141.9084	-48.4091	-2.16912	-20.6573	-462.78
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142.0912	-48.3808	-2.06646	-20.6694	-484.668

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