

181	-661650.4	-981412.2	1.5	0.29311989	0.08750983	0.00003587	8.54E-08	1.99894872	3.42375986	8.22033171	4	0.29511821	0.08765328	0.00030431	8.54222E-08	1.98950313	3.42342804	8.22475983
182	-661550.4	-981412.2	1.5	0.30035137	0.09033173	0.00012189	9.29E-08	1.28440335	3.91548277	1.53831681	4	0.30241586	0.09012643	0.00011213	9.2896E-08	1.28440004	3.91528839	8.58134938
183	-661450.4	-981412.2	1.5	0.30231216	0.09260801	0.00022114	1.02E-07	4.40190882	4.74587471	1.53326461	4	0.30430238	0.09026206	0.00022101	1.02E-07	4.40171293	4.74561208	1.53290336
184	-661350.4	-981412.2	1.5	0.33451177	0.10048466	0.00012978	1.05E-07	1.33495427	3.10612959	1.53438147	4	0.33302917	0.10034594	0.00012978	1.05E-07	1.33495427	3.10612959	1.53438147
185	-661250.4	-981412.2	1.5	0.37863097	0.11518544	0.00024785	1.30E-07	1.81370761	4.97817533	1.93468843	4	0.37862078	0.11508624	0.00024778	1.2983E-07	1.81368459	4.97445745	1.93468843
186	-661150.4	-981412.2	1.5	0.38112537	0.11748525	0.00023489	1.27E-07	1.78935050	11.72424173	25.17183478	4	0.34035957	0.10971736	0.00023352	1.2706E-07	1.77182527	11.72057743	24.97955688
187	-661050.4	-981412.2	1.5	0.37867627	0.11774471	0.00023489	1.27E-07	1.78935050	11.72424173	25.17183478	4	0.34035957	0.10971736	0.00023352	1.2706E-07	1.77182527	11.72057743	24.97955688
188	-660950.4	-981412.2	1.5	0.24026373	0.07508419	0.00017585	7.64E-08	0.10239025	8.18388666	2.16326365	4	0.24021678	0.07513368	0.00015894	7.6403E-08	1.02337378	8.18569637	2.16326365
189	-660850.4	-981412.2	1.5	0.23401728	0.07173818	0.00015081	7.63E-08	1.03332481	8.92562068	2.50380062	4	0.23422848	0.07172792	0.00015129	7.6204E-08	1.03300033	8.92562068	2.50380062
190	-660750.4	-981412.2	1.5	0.21749421	0.06707297	0.00014509	7.59E-08	1.21862596	9.21861351	2.50380062	4	0.21749421	0.06707297	0.00014509	7.59E-08	1.21862596	9.21861351	2.50380062
191	-660650.4	-981412.2	1.5	0.20087355	0.06375029	0.00013311	7.30E-08	0.98427588	9.70141308	2.50380062	4	0.20075882	0.06384615	0.00013347	7.2987E-08	0.99427403	9.70141308	2.50380062
192	-660550.4	-981412.2	1.5	0.18389758	0.05805841	0.00012408	6.45E-08	0.89454768	9.84342559	1.84735021	4	0.184791324	0.05802036	0.00012493	6.4528E-08	0.89459821	9.84342559	1.84735021
193	-660450.4	-981412.2	1.5	0.16590442	0.05043377	0.00011581	6.1E-08	0.81681623	9.14314917	1.84735021	4	0.16590442	0.05043377	0.00011581	6.1E-08	0.81681623	9.14314917	1.84735021
194	-660350.4	-981412.2	1.5	0.14629848	0.04432012	0.00010540	5.50E-08	0.79861350	7.25371753	1.33013233	4	0.147189747	0.04437178	0.00010519	5.5021E-08	0.79883529	7.25371753	1.33013233
195	-660250.4	-981412.2	1.5	0.13648207	0.04030918	9.51E-05	4.84E-08	0.71788419	6.20380498	1.23083007	4	0.13141216	0.03945785	9.5849E-05	4.8397E-08	0.71807867	6.20380498	1.23083007
196	-660150.4	-981412.2	1.5	0.13586774	0.03780704	0.00010146	4.62E-08	0.54847844	4.89336676	0.78093664	4	0.131420174	0.03681744	0.00010187	4.6247E-08	0.54890678	4.89336676	0.78093664
197	-660050.4	-981412.2	1.5	0.12884282	0.03682609	0.00010377	2.90E-08	0.44966104	3.59586069	0.95034783	4	0.12595666	0.03677695	0.00010350	2.8978E-08	0.44966077	3.59586069	0.95034783
198	-659950.4	-981412.2	1.5	0.11794918	0.03370249	9.49E-05	2.55E-08	0.39453362	3.3034068	0.95034783	4	0.11794918	0.03370249	9.4974E-05	2.5438E-08	0.39442362	3.3034068	0.95034783
199	-659850.4	-981412.2	1.5	0.11350031	0.03137767	0.00010377	2.55E-08	0.31119449	3.22044568	0.62609749	4	0.11199429	0.03121648	0.00010350	2.5729E-08	0.31088892	3.22044568	0.62609749
200	-659750.4	-981412.2	1.5	0.10479121	0.02920433	8.80E-05	1.95E-08	0.30384801	2.85437571	1.49910755	4	0.10450339	0.02913482	8.8308E-05	1.9618E-08	0.30381006	2.85382881	1.49910755
201	-659650.4	-981412.2	1.5	0.10039789	0.02604447	8.87E-05	1.39E-08	0.22962302	2.51570368	1.49910755	4	0.10031543	0.02592636	8.7994E-05	1.4209E-08	0.22109089	2.51740744	1.49910755
202	-659550.4	-981412.2	1.5	0.10063816	0.02374083	8.50E-05	1.18E-08	0.19770012	1.76237534	1.95938444	4	0.10050743	0.02364451	8.5878E-05	1.1956E-08	0.19874137	1.76224749	1.95938444
203	-659450.4	-981412.2	1.5	0.09293403	0.02573407	7.83E-05	1.15E-08	0.19497719	1.83310373	2.27882151	4	0.0916687	0.0254441	7.8447E-05	1.1093E-08	0.19456022	1.84045089	2.24607874
204	-659350.4	-981412.2	1.5	0.08978793	0.02282983	0.09E-05	1.15E-08	0.18152925	1.77703168	2.26320206	4	0.08939868	0.02276918	7.0757E-05	1.1131E-08	0.18262116	1.77846988	2.24129786
205	-659250.4	-981412.2	1.5	0.21122729	0.06193517	0.00015829	4.87E-08	0.08685118	1.26585024	3.84650116	4	0.21263027	0.06173521	0.00016014	4.8957E-08	0.21144031	1.64098797	3.75146204
206	-659150.4	-981412.2	1.5	0.23891083	0.06948089	0.00017778	5.70E-08	0.81118219	1.84442584	4.42511438	4	0.23837373	0.06932123	0.00017425	5.6972E-08	0.81105868	1.84434798	4.48973083
207	-659050.4	-981412.2	1.5	0.26489333	0.08592657	0.00021038	7.21E-08	1.02776027	2.55025415	4.74643478	4	0.26407003	0.08582428	0.00021788	7.2051E-08	1.02303529	2.52707815	4.74724041
208	-658950.4	-981412.2	1.5	0.37183917	0.10971282	0.00027702	1.01E-07	1.45119622	3.86251338	7.62513498	4	0.37177349	0.10951207	0.00027294	1.0051E-07	1.45118429	3.86222417	7.62415803
209	-658850.4	-981412.2	1.5	0.41471703	0.12238912	0.00034362	1.21E-07	1.76342736	4.96107911	9.00741473	4	0.41498402	0.12250502	0.00033918	1.1892E-07	1.72999059	4.88947492	9.8531819
210	-658750.4	-981412.2	1.5	0.40621927	0.13474829	0.00032796	1.21E-07	1.49416972	4.96107911	9.00741473	4	0.40649072	0.13468198	0.00032796	1.1892E-07	1.72999059	4.88947492	9.8531819
211	-658650.4	-981412.2	1.5	0.47722208	0.14777923	0.00037712	1.48E-07	2.19342741	1.85453109	1.85453109	4	0.47711221	0.14775003	0.00033788	1.4797E-07	2.13691238	1.84235974	1.85453109
212	-658550.4	-981412.2	1.5	0.55549139	0.16841489	0.00038771	1.99E-07	2.90598739	1.85453109	1.85453109	4	0.55538094	0.16838058	0.00038665	1.9894E-07	2.90595032	1.84621724	1.85453109
213	-658450.4	-981412.2	1.5	0.58484065	0.17008843	0.00039771	1.99E-07	2.90598739	1.85453109	1.85453109	4	0.58473017	0.16994823	0.00038665	1.9894E-07	2.90595032	1.84621724	1.85453109
214	-658350.4	-981412.2	1.5	0.70836861	0.23732097	0.00048281	3.15E-07	4.36347147	1.59663113	1.59663113	4	0.70824138	0.23752227	0.00047911	3.1470E-07	4.36420021	1.51649928	31.5801063
215	-658250.4	-981412.2	1.5	0.72836897	0.22813209	0.00046891	3.01E-07	4.11941926	1.75597077	3.22288862	4	0.71470822	0.22827108	0.00045584	2.8919E-07	3.91748697	1.73770774	35.9105351
216	-658150.4	-981412.2	1.5	0.71599557	0.15789451	0.00035652	1.55E-07	3.15718779	1.75597077	3.22288862	4	0.71588814	0.15788451	0.00035652	1.55E-07	3.15718779	1.75597077	3.22288862
217	-658050.4	-981412.2	1.5	0.38833254	0.04003476	0.00024007	1.15E-07	1.53093477	1.31185471	3.47345311	4	0.38891891	0.04118476	0.00024007	1.1526E-07	1.53093477	1.31185471	3.47345311
218	-657950.4	-981412.2	1.5	0.40051192	0.1250251	0.00023601	1.37E-07	1.77820897	1.41085854	4.83041867	4	0.40043027	0.12503745	0.00023607	1.3701E-07	1.77839817	1.41085854	4.83041867
219	-657850.4	-981412.2	1.5	0.37020939	0.11621816	0.00023601	1.37E-07	1.77820897	1.41085854	4.83041867	4	0.37013024	0.11622933	0.00023607	1.3701E-07	1.77839817	1.41085854	4.83041867
220	-657750.4	-981412.2	1.5	0.32621415	0.1029317	0.00023601	1.37E-07	1.77820897	1.41085854	4.83041867	4	0.32614409	0.10293135	0.00023607	1.3701E-07	1.77839817	1.41085854	4.83041867
221	-657650.4	-981412.2	1.5	0.25812413	0.08078059	0.00016984	1.11E-07	1.52847656	1.29458328	1.81819684	4	0.25800501	0.08090185	0.00017131	1.1027E-07	1.52850818	1.29458328	1.81819684
222	-657550.4	-981412.2	1.5	0.21114147	0.06607378	0.00014628	6.61E-08	1.07146027	1.07146027	1.07146027	4	0.21107436	0.06607378	0.00014628	6.61E-08	1.07146027	1.07146027	1.07146027
223	-657450.4	-981412.2	1.5	0.17906009	0.05519467	0.00017798	7.84E-08	0.84524001	1.58623401	1.75891488	4	0.17898243	0.05537295	0.00017858	7.8408E-08	0.84524001	1.58623401	1.75891488
224	-657350.4	-981412.2	1.5	0.16713314	0.04804504	0.00012343	5.69E-08	0.68952608	1.28274402	1.52387267	4	0.16571008	0.04803361	0.00012504	5.6884E-08	0.68731109	1.28274402	1.52387267
225	-657250.4	-981412.2	1.5	0.14602836	0.04003476	0.00012343	5.69E-08	0.68952608	1.28274402	1.52387267	4	0.14595121	0.04003361	0.00012504	5.6884E-08	0.68731109	1.28274402	1.52387267
226	-657150.4	-981412.2	1.5	0.12999616	0.04845429	0.00014741	3.53E-08	0.56609733	1.46811463	1.79107394	4	0.12992877	0.04846884	0.00014741	3.5328E-08	0.56590901	1.46811463	1.79107394
227	-657050.4	-981412.2	1.5	0.15798813	0.04140373	0.00012973	2.97E-08	0.4894457	3.95953297	1.84880682	4	0.15789813	0.04140373	0.00012973	2.9682E-08	0.4884457	3.95953297	1.84880682
228	-656950.4	-981412.2	1.5	0.15571719	0.04317367	0.00012973	2.97E-08	0.4894457</										

364	-660750.4	-980212.2	1.5	2.580377331	0.826229204	0.001797894	1.78E-06	29.34032325	60.20226232	65.66290043	4	2.577268418	0.82695513	0.001875716	1.7641E-06	29.33696365	60.20226232	65.66290043
365	-660550.4	-980212.2	1.5	3.332744718	1.048828485	0.002029171	2.73E-06	50.7818671	75.8866065	61.1135368	4	3.33113286	1.04842276	0.002027736	2.7122E-06	50.7818662	75.8866062	61.11514509
366	-660550.4	-980212.2	1.5	3.70720052	1.095014631	0.003344843	2.23E-06	43.1726028	68.3629416	55.3698670	4	3.73444411	1.09460255	0.003325528	2.2329E-06	43.1603819	68.3708047	55.36782629
367	-660450.4	-980212.2	1.5	2.032524036	0.158604628	0.001684718	3.90E-07	8.097105031	13.8254336	10.0016851	4	2.032524036	0.158604628	0.001684718	3.90E-07	8.097105031	13.8254336	10.0016851
368	-660350.4	-980212.2	1.5	1.148211724	0.332325716	0.00041394	3.90E-07	6.369864041	1.94322362	22.90036312	4	1.148211724	0.332325716	0.00041394	3.90E-07	6.369864041	1.94322362	22.90036312
369	-660250.4	-980212.2	1.5	0.88685418	0.250258226	0.000726815	2.30E-07	3.696074037	12.4644408	17.0603369	4	0.87868939	0.250231763	0.000722717	2.247E-07	3.626700055	12.3309718	17.6243071
370	-660150.4	-980212.2	1.5	0.331601842	0.122881762	0.000076642	3.06E-07	0.820440032	0.4465107	0.00000000	4	0.331601842	0.122881762	0.000076642	3.06E-07	0.820440032	0.4465107	0.00000000
371	-660050.4	-980212.2	1.5	0.1413517	0.22179303	0.000086419	9.41E-08	0.22037322	7.25050739	0.00216892	4	0.18168836	0.221003179	0.00008426	9.3795E-08	1.527007114	7.21016265	0.00200081
372	-660050.4	-980212.2	1.5	0.00062697	0.251354035	0.000032405	7.11E-08	1.221136408	0.137291148	0.57615757	4	0.002375442	0.250254407	0.000076846	7.0940E-08	1.212102686	0.141127333	0.547128075
373	-660050.4	-980212.2	1.5	1.34477894	0.335856474	0.000016914	4.68E-08	0.00000000	0.00000000	0.00000000	4	1.352328891	0.334919259	0.000023891	4.68E-08	0.00000000	0.00000000	0.00000000
374	-659750.4	-980212.2	1.5	1.87098305	0.400019887	0.001654197	3.61E-08	0.505470295	4.6863280	0.464420979	4	1.807428251	0.427338655	0.001607307	3.6433E-08	0.50428801	4.67079655	0.461533412
375	-659650.4	-980212.2	1.5	1.091477503	0.287034453	0.000572444	2.81E-08	0.703844124	0.312269682	0.2472722E-08	4	1.079250259	0.283650154	0.000562809	2.82727E-08	0.711771295	0.42422468	0.337971375
376	-659550.4	-980212.2	1.5	0.798230208	0.238772328	0.000091577	2.48E-08	0.200090157	0.00000000	0.00000000	4	0.785680899	0.237845639	0.000087607	2.48E-08	0.794267884	0.338426984	0.00000000
377	-659450.4	-980212.2	1.5	0.47429443	0.196327917	0.000050176	2.41E-08	0.005327327	3.07991364	0.94146068	4	0.472633321	0.195902426	0.000488451	2.4043E-08	0.503097327	3.07624348	0.940453748
378	-659350.4	-980212.2	1.5	0.8886158	0.250258226	0.000726815	2.10E-08	0.488019765	2.842748055	3.35027737	4	0.891074421	0.25427882	0.000726815	2.10286E-08	0.4969897	2.8426888	3.35027737
379	-661150.4	-980212.2	1.5	0.637296205	0.16991747	0.00000000	8.73E-09	0.23435108	0.96452037	0.491113835	4	0.63194108	0.16642952	0.00000000	8.591E-09	0.232681763	0.96452037	0.491113835
380	-660250.4	-981212.2	1.5	0.5277925	0.13964411	0.00045335	1.14E-08	0.280232338	0.00000000	1.97400731	4	0.5277808	0.139427709	0.000453424	1.17122E-08	0.28427304	1.97400731	1.97319308
381	-661950.4	-981212.2	1.5	1.48895536	0.13202521	0.000470758	1.91E-08	0.397232584	1.5311139	2.64146393	4	1.47288953	0.130001527	0.000470758	1.85022E-08	1.5304786	2.64146393	2.64146393
382	-661850.4	-981212.2	1.5	0.42759889	0.114177041	0.000089739	2.88E-08	0.00000000	1.20225854	0.40000000	4	0.431469428	0.110540174	0.000089739	2.8777E-08	0.430281962	1.20225854	1.20225854
383	-661750.4	-981212.2	1.5	0.42488076	0.11530818	0.000484477	2.95E-08	0.40854054	1.54189608	2.71832707	4	0.43016606	0.117107381	0.000325273	3.3151E-08	0.44485714	1.54583773	2.71832707
384	-661650.4	-981212.2	1.5	0.42488076	0.11530818	0.000484477	2.95E-08	0.40854054	1.54189608	2.71832707	4	0.43176028	0.122548035	0.000325273	3.3151E-08	1.00912827	2.71778518	2.71778518
385	-661550.4	-981212.2	1.5	0.49300735	0.144586981	0.00037975	1.24E-07	1.8799407	4.20708394	8.79793426	4	0.49885479	0.14471174	0.00030647	1.04847E-07	1.88714075	4.20527253	8.8011809
386	-661450.4	-981212.2	1.5	0.51873388	0.15133998	0.00038717	1.53E-07	2.30190366	4.99674698	10.4336876	4	0.51712172	0.15078752	0.000397675	1.51287E-07	2.28865243	4.99448613	10.0003874
387	-661350.4	-981212.2	1.5	0.35051248	0.10205418	0.000420692	1.65E-07	2.02923495	4.58561721	12.7491781	4	0.35211693	0.10270269	0.000420156	1.620E-07	2.04910112	4.58245129	12.7491781
388	-661250.4	-981212.2	1.5	0.57409012	0.17029819	0.00034022	2.03E-07	3.06975822	6.80995950	14.444475	4	0.57373734	0.17021089	0.00034022	2.0275E-07	3.06992658	6.8092242	14.444475
389	-661150.4	-981212.2	1.5	0.60905601	0.18143701	0.00044691	2.20E-07	3.40377028	7.94919712	16.8882683	4	0.60540325	0.18140376	0.000446325	2.1999E-07	3.39804769	7.94949842	16.8679483
390	-661050.4	-981212.2	1.5	0.20732749	0.20458587	0.00041121	2.51E-07	3.01893892	6.96041913	15.9424857	4	0.21572377	0.20454527	0.000410732	2.5142E-07	3.81988224	6.9641389	15.9424857
391	-660950.4	-981212.2	1.5	0.87971795	0.27153876	0.00006406	3.79E-07	5.8483110	10.0992438	28.126212	4	0.87951354	0.27143819	0.000060603	3.7925E-07	1.84643751	10.099438	28.1726212
392	-660850.4	-981212.2	1.5	1.08149196	0.33659966	0.000775218	5.54E-07	8.23357914	15.912033	31.8623393	4	1.08116917	0.33647575	0.000774931	5.5370E-07	8.23300434	15.912033	31.8623393
393	-660750.4	-981212.2	1.5	0.436214819	0.143621419	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	4	0.436181841	0.143591259	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
394	-660650.4	-981212.2	1.5	1.698746258	0.52825444	0.00121324	1.01E-06	16.7333055	27.7177941	33.241313	4	1.6984527	0.52810511	0.00121324	1.00987E-06	16.7332448	27.7177941	33.241313
395	-660550.4	-981212.2	1.5	2.61203451	0.786622203	0.00215905	1.48E-06	25.84472005	38.7120207	39.0544884	4	2.605902821	0.78801794	0.002188129	1.47806E-06	25.839368	38.7117557	39.0544884
396	-660450.4	-981212.2	1.5	1.41797913	0.190446829	0.00002756	3.40E-07	3.2404220744	3.240422074	2.144088078	4	1.41797913	0.190446829	0.00002756	3.40E-07	3.240422074	3.240422074	2.144088078
397	-660350.4	-981212.2	1.5	3.24230321	0.88970128	0.00077845	5.54E-07	59.88417605	1.01241346	29.42346893	4	3.24230321	0.88970128	0.00077845	5.54E-07	59.88417605	1.01241346	29.42346893
398	-660250.4	-981212.2	1.5	2.75727238	0.746403149	0.00214296	3.25E-07	5.47682715	13.7659577	10.4849119	4	2.75726843	0.74240843	0.00203406	3.2013E-07	5.64311427	13.5807704	10.4773243
399	-660150.4	-981212.2	1.5	1.546251	0.5256562	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	4	1.546251	0.5256562	0.00000000	0.00000000	1.546251	0.5256562	0.00000000
400	-660050.4	-981212.2	1.5	1.74030482	0.46897545	0.00105361	1.47E-07	2.94780772	1.12283273	12.0845239	4	1.74030482	0.46897545	0.00105361	1.47E-07	2.94780772	1.12283273	12.0845239
401	-659950.4	-981212.2	1.5	2.82719201	0.74485731	0.00479324	9.28E-08	1.97742244	0.00045983	1.148371562	4	2.80977946	0.74048003	0.00462887	9.2042E-08	1.99565228	0.00042198	1.148371562
402	-659850.4	-981212.2	1.5	1.6258171	0.43077921	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	4	1.6258171	0.43077921	0.00000000	0.00000000	1.6258171	0.43077921	0.00000000
403	-659750.4	-981212.2	1.5	1.13067898	0.30210194	0.00099793	6.37E-08	1.96733054	5.51451345	2.34727089	4	1.13067898	0.30210194	0.00099793	6.37E-08	1.96733054	5.51451345	2.34727089
404	-659650.4	-981212.2	1.5	0.82800141	0.221018576	0.00071586	4.91E-08	0.862837651	4.28844406	7.91707887	4	0.82788119	0.22001881	0.000714344	4.91097E-08	0.86230104	4.2884406	7.91418888
405	-659550.4	-981212.2	1.5	0.51421	0.153111816	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	4	0.51421	0.153111816	0.00000000	0.00000000	0.51421	0.153111816	0.00000000
406	-659450.4	-981212.2	1.5	0.52459198	0.14418448	0.00048862	2.90E-08	0.00048862	0.00048862	5.08116451	4	0.524042845	0.14379636	0.00048862	2.9031E-08	0.52098053	1.28248085	5.08116451
407	-659350.4	-981212.2	1.5	0.42235852	0.12817974	0.00041737	2.37E-08	0.429791938	2.4014807	4.84548008	4	0.42128405	0.127897542	0.00041698	2.3686E-08	0.43051501	2.4014807	4.84548008
408	-661150.4	-981212.2	1.5	0.3671701	0.09726407	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	4	0.3671701	0.09726407	0.00000000	0.00000000	0.3671701	0.09726407	0.00000000
409	-660250.4	-981212.2	1.5	0.33894149	0.08869555	0.00000000	1.33E-08	0.07279561	1.22907142	1.7769971	4	0.33894149	0.08869555	0.00000000	1.33E-08	0.07279561	1.22907142	1.7769971
410	-661950.4	-981212.2	1.5	0.33343174	0.09124724	0.00027432	2.45E-08	0.396284071	1.30817777	3.24744281	4	0.33814807	0.09124724	0.00027432	2.45E-08	0.396284071	1	

547	-659859.4	-982612.2	1.5	0.294469753	0.084184744	0.000236267	7.80E-08	1.202560954	2.377094237	4.423002775	4	0.294426985	0.084173851	0.00023623	7.80332E-08	1.202551523	2.377094237	4.423002775
548	-659759.4	-982612.2	1.5	0.262532575	0.074538606	0.0002119	6.19E-08	0.977232184	2.091572605	4.046184066	4	0.262523442	0.074535887	0.00021189	6.1856E-08	0.977229518	2.091572605	4.046184066
549	-659659.4	-982612.2	1.5	0.241945845	0.068259886	0.000196437	5.22E-08	0.824578525	1.950978523	3.791022268	4	0.241830838	0.068250905	0.000196335	5.2108E-08	0.824552629	1.950978523	3.791022268
550	-659559.4	-982612.2	1.5	0.215198902	0.060413386	0.000175467	4.35E-08	0.679195238	1.759597431	3.422739751	4	0.215119897	0.060413363	0.000175466	4.2885E-08	0.679195124	1.759597431	3.422739751
551	-659459.4	-982612.2	1.5	0.195153227	0.054567242	0.000159774	3.67E-08	0.579771267	1.57063833	3.183388287	4	0.195153227	0.054567242	0.000159774	3.6655E-08	0.579771267	1.57063833	3.183388287
552	-659359.4	-982612.2	1.5	0.174739858	0.048719678	0.000143353	3.11E-08	0.463817332	1.423598315	2.95718698	4	0.174739858	0.048719678	0.000143353	3.11406E-08	0.463817332	1.423598315	2.95718698
553	-662159.4	-982712.2	1.5	0.125890074	0.035102077	9.44E-05	2.98E-08	0.359493119	1.301838754	2.571984586	4	0.125831187	0.035096037	9.4066E-05	2.6181E-08	0.364333233	1.308414859	2.591056407
554	-662059.4	-982712.2	1.5	0.134090287	0.038552141	0.000102293	3.02E-08	0.462140716	1.55163092	3.09527227	4	0.134469705	0.038678769	0.000102749	3.03844E-08	0.464841489	1.554317674	3.102306458
555	-661959.4	-982712.2	1.5	0.143981471	0.041602246	0.000111569	3.80E-08	0.518867711	1.791819707	3.58891862	4	0.144224446	0.041710336	0.00011452	3.78494E-08	0.520010594	1.79574142	3.577491562
556	-661859.4	-982712.2	1.5	0.148477731	0.043331144	0.000115164	4.03E-08	0.56847073	1.83752046	3.816918682	4	0.148646257	0.043357399	0.000115389	4.01785E-08	0.567377025	1.833168899	3.799181595
557	-661759.4	-982712.2	1.5	0.149167622	0.043138817	0.000114802	3.85E-08	0.578734628	1.872267094	3.868257586	4	0.149567496	0.043237548	0.000115167	3.84486E-08	0.577832619	1.87055396	3.864136793
558	-661659.4	-982712.2	1.5	0.150030689	0.04327478	0.000112072	3.15E-08	0.474259335	1.674916993	3.437397102	4	0.150774733	0.043470262	0.000112772	3.16747E-08	0.485244286	1.68372855	3.453951548
559	-661559.4	-982712.2	1.5	0.15760068	0.045652685	0.000116284	3.32E-08	0.498015108	1.70565996	3.634487956	4	0.15817844	0.045751853	0.000117004	3.36966E-08	0.505467949	1.717676724	3.641191147
560	-661459.4	-982712.2	1.5	0.168952054	0.048489318	0.000127466	4.47E-08	0.665418235	2.003008802	3.926455291	4	0.168959352	0.048491217	0.000127472	4.465E-08	0.665419878	2.003037876	3.92642656
561	-661359.4	-982712.2	1.5	0.170718526	0.049627559	0.000126312	4.78E-08	0.71968187	2.087614918	4.094193495	4	0.170718879	0.049687416	0.000128011	4.79301E-08	0.719881743	2.087614918	4.094193495
562	-661259.4	-982712.2	1.5	0.176730518	0.051534098	0.000133042	5.54E-08	0.777753562	2.220559862	4.297476253	4	0.176720518	0.051534508	0.000133262	5.29363E-08	0.777785662	2.220565962	4.297476253
563	-661159.4	-982712.2	1.5	0.182861903	0.053922456	0.000137236	5.71E-08	0.850549781	2.367580962	4.53111434	4	0.182861903	0.053922456	0.000137236	5.71302E-08	0.850549871	2.367580962	4.53111434
564	-661059.4	-982712.2	1.5	0.18817303	0.055651736	0.000140979	6.14E-08	0.919614157	2.495931331	4.885232687	4	0.188170638	0.055651114	0.000140977	6.14489E-08	0.919972596	2.498373331	4.885232687
565	-660959.4	-982712.2	1.5	0.202704989	0.060544263	0.000151558	7.02E-08	1.061455618	2.80001702	5.121323642	4	0.202864648	0.0605270431	0.000151647	7.0511E-08	1.061475241	2.800051702	5.121323642
566	-660859.4	-982712.2	1.5	0.223040431	0.066982134	0.000164445	7.97E-08	1.20141426	3.109510085	5.532719648	4	0.223059511	0.066998334	0.000164489	7.99692E-08	1.201426538	3.109510085	5.532719648
567	-660759.4	-982712.2	1.5	0.240494742	0.072112848	0.000175713	8.91E-08	1.251745798	3.273224815	6.116783707	4	0.240237301	0.072107701	0.000176953	8.96962E-08	1.331740705	3.227224815	6.116783707
568	-660659.4	-982712.2	1.5	0.258212296	0.077996183	0.000188489	1.01E-07	1.526235356	3.376795667	6.822654494	4	0.258266863	0.07800058	0.000188537	1.01354E-07	1.526247637	3.376795667	6.82262683
569	-660559.4	-982712.2	1.5	0.279474773	0.084313705	0.000205465	1.10E-07	1.669927146	3.395952833	8.181450537	4	0.279524163	0.084326555	0.000205499	1.10497E-07	1.669936205	3.396028833	8.181450536
570	-660459.4	-982712.2	1.5	0.283987427	0.085279193	0.000211385	1.10E-07	1.672807274	3.151054867	6.409602756	4	0.284022089	0.085288862	0.00021415	1.10271E-07	1.672890077	3.151054867	6.409602756
571	-660359.4	-982712.2	1.5	0.287511304	0.085968022	0.000215963	1.09E-07	1.676743511	2.96965862	5.013236667	4	0.287521704	0.085970728	0.000215972	1.09019E-07	1.676742651	2.96965862	5.013236667
572	-660259.4	-982712.2	1.5	0.302413162	0.09001236	0.000229398	1.12E-07	1.724491397	2.900528705	4.939127281	4	0.302316499	0.08998721	0.000229312	1.1185E-07	1.7244696	2.900528282	4.939128735
573	-660159.4	-982712.2	1.5	0.291188413	0.086218598	0.000223136	1.04E-07	1.6111412	2.607771199	4.436337867	4	0.291188937	0.086218548	0.000223136	1.04282E-07	1.611141242	2.607771199	4.436337867
574	-660059.4	-982712.2	1.5	0.288827303	0.084899162	0.000224225	9.80E-08	1.532015293	2.468608899	4.228918642	4	0.288827626	0.084899256	0.000224226	9.7994E-08	1.532015373	2.468088999	4.228918642
575	-659959.4	-982712.2	1.5	0.274642112	0.07944868	0.000215816	8.57E-08	1.345434246	2.279603978	4.065470872	4	0.274620189	0.079642964	0.000215796	8.57204E-08	1.345426004	2.279603978	4.065470872
576	-659859.4	-982712.2	1.5	0.25380566	0.073222398	0.000201289	7.29E-08	1.151549527	2.074523113	3.836140231	4	0.253767659	0.073212551	0.000201255	7.19975E-08	1.151531967	2.074523113	3.836140231
577	-659759.4	-982712.2	1.5	0.23152076	0.066277265	0.000185002	6.00E-08	0.945849663	1.882795929	3.58534112	4	0.23152076	0.066277265	0.000185002	5.99562E-08	0.945849663	1.882795929	3.58534112
578	-659659.4	-982712.2	1.5	0.208302604	0.059276955	0.00016742	5.00E-08	0.783916773	1.683018333	3.288295138	4	0.208302604	0.059276955	0.00016742	5.00498E-08	0.783916773	1.683018333	3.288295138
579	-659559.4	-982712.2	1.5	0.192015075	0.054333728	0.000155121	4.27E-08	0.670453184	1.548137753	3.092447798	4	0.192015075	0.054333728	0.000155121	4.2657E-08	0.670453184	1.548127753	3.092447798
580	-659459.4	-982712.2	1.5	0.179458176	0.050523996	0.000145726	3.71E-08	0.584195454	1.443942419	2.926871598	4	0.179414402	0.050511086	0.000145693	3.70999E-08	0.583975909	1.443936316	2.925507691
581	-659359.4	-982712.2	1.5	0.162574727	0.045823491	0.000132383	3.19E-08	0.500388015	1.331538191	2.740358326	4	0.162587477	0.045823491	0.000132383	3.19439E-08	0.503889515	1.331538191	2.740358326