

Supplemental Table 3. Isotopic Analyses and calculated Ti concentrations

ID	27Al/30Si	smean	44Ca/30Si	smean	47Ti/30Si
77925and52111@1.asc	1.35679367	0.03038343	1.44988768	0.00408635	3.6719E-05
77925and52111@2.asc	0.00476568	7.6487E-05	1.42555192	0.00400647	3.3645E-05
77925and52111@3.asc	0.00606248	4.7697E-05	1.42518718	0.00727129	3.0863E-05
77925and52111@4.asc	0.0049137	8.2819E-05	1.41066472	0.0089994	2.6838E-05
77925and52111@5.asc	0.00467013	0.00010146	1.33820891	0.00419624	2.9741E-05
77925and52111@7.asc	0.00473093	5.9764E-05	1.40510161	0.00513696	3.0963E-05
77925and52111@8.asc	0.00550734	0.00013088	1.39413729	0.00328001	2.7837E-05
77925and52111@9.asc	0.00478394	7.7387E-05	1.3864133	0.00665731	2.2001E-05
77925and52111@10.asc	0.00957487	0.00025297	1.37002124	0.00518147	2.4401E-05
77925and52111@11.asc	0.00539561	0.00010002	1.45467831	0.00372642	3.0786E-05
77925and52111@12.asc	0.00367429	6.7774E-05	1.45576352	0.00436324	8.6516E-06
77925and52111@13.asc	0.00611864	9.9702E-05	1.39441845	0.00672675	1.2969E-05
77925and52111@14.asc	0.00426399	6.3291E-05	1.37562259	0.00410911	1.7002E-05
77925and52111@15.asc	0.0038939	7.8853E-05	1.41048493	0.00531282	1.7184E-05
77925and52111@16.asc	0.0054803	7.9874E-05	1.40907404	0.00507308	2.0261E-05
77925and52111@18.asc	0.00542929	8.3757E-05	1.40000347	0.00381292	2.7654E-05
77925and52111@19.asc	0.00667227	8.0916E-05	1.43649252	0.00521183	1.1754E-05
77925and52111@20.asc	0.00699814	0.00065311	1.3797613	0.00647877	1.0835E-05
77925and52111@21.asc	0.00636727	0.00014118	1.3749128	0.00381474	1.7736E-05
77925and52111@22.asc	0.00417555	5.8822E-05	1.42881149	0.00381161	2.7192E-05
77925and52111@23.asc	0.00515505	7.486E-05	1.38863576	0.00523581	2.8102E-05
77925and52111@24.asc	0.0109528	0.0021362	1.35555726	0.00554233	2.4636E-05
77925and52111@25.asc	0.00630501	9.1275E-05	1.3417872	0.00449542	2.7976E-05
77925and52111@26.asc	0.00499357	7.825E-05	1.32524739	0.00416594	2.1683E-05
77925and52111@27.asc	0.00533025	8.0199E-05	1.31857795	0.00354668	2.2765E-05
77925and52111@28.asc	0.0055891	7.9542E-05	1.35575914	0.00323306	2.2232E-05
77925and52111@29.asc	0.00533927	8.8434E-05	1.26125784	0.00423771	2.2284E-05
77925and52111@30.asc	0.01710548	0.00431896	1.27364294	0.00512257	3.1162E-05
77925and52111@31.asc	0.0041526	6.4816E-05	1.3265591	0.00722826	2.1343E-05
77925and52111@32.asc	0.00527207	9.6162E-05	1.36217361	0.00417205	2.221E-05
77925and52111@33.asc	0.01074545	0.00017448	1.3333135	0.00735645	3.1577E-05
77875and52113@38.asc	0.00441889	6.8133E-05	0.00051443	2.9551E-05	1.9307E-05
77875and52113@39.asc	0.00846991	0.00062007	0.00052727	2.4947E-05	4.0622E-05
77875and52113@40.asc	0.00371162	5.6626E-05	0.00044477	3.8851E-05	2.8199E-05
77875and52113@41.asc	0.00584549	8.2593E-05	0.00055892	4.1642E-05	2.896E-05
77875and52113@42.asc	0.01107228	8.8677E-05	0.0022903	7.303E-05	2.6643E-05
77875and52113@43.asc	0.00496107	7.8926E-05	0.0005333	2.7888E-05	3.7083E-05
77875and52113@44.asc	0.00530239	0.00010912	0.00074906	3.6946E-05	3.0394E-05
77875and52113@45.asc	0.14996976	0.00056994	0.00096468	2.7998E-05	2.8932E-05

77875and52113@46.asc	0.00502658	9.7368E-05	0.00049655	3.7721E-05	1.4345E-05
77875and52113@47.asc	0.00424535	5.8641E-05	0.00045213	3.1515E-05	2.4339E-05
77875and52113@48.asc	0.00752109	0.00011936	0.00057328	2.7057E-05	3.3955E-05
77875and52113@49.asc	0.00590713	5.724E-05	0.00051667	1.8738E-05	3.1976E-05
77875and52113@50.asc	0.00535599	4.6269E-05	0.00045399	5.3767E-05	3.0514E-05
77875and52113@52.asc	0.00366524	8.3867E-05	0.0004622	2.2711E-05	2.3648E-05
77875and52113@53.asc	0.0050424	5.9413E-05	0.0004686	2.162E-05	2.752E-05
77875and52113@54.asc	0.00719407	6.2434E-05	0.00064934	4.7326E-05	0.00012746
77875and52113@55.asc	0.00396511	6.3688E-05	0.00049471	2.2235E-05	2.8362E-05
77875and52113@56.asc	0.00383541	6.4322E-05	0.00044931	2.1178E-05	2.2802E-05
77875and52113@57.asc	0.00392909	6.4836E-05	0.00052102	2.6759E-05	2.838E-05
77875and52113@58.asc	1.44867776	0.06334933	0.00179741	5.5014E-05	0.00198012
77875and52113@59.asc	0.01972791	0.00033349	0.00063365	4.396E-05	6.382E-05
77875and52113@60.asc	0.00439469	5.2131E-05	0.00047033	1.5057E-05	2.7093E-05
77875and52113@61.asc	0.00568456	9.0086E-05	0.00048735	1.9859E-05	2.8659E-05
77875and52113@62.asc	0.00505146	7.1961E-05	0.00044205	2.2277E-05	3.5438E-05
77875and52113@63.asc	0.0042282	4.317E-05	0.00046522	2.7118E-05	2.8537E-05
77982and52618@13.asc	0.004709	5.2256E-05	0.00052834	2.7164E-05	2.2677E-05
77982and52618@14.asc	0.00467671	8.9376E-05	0.00052904	1.5558E-05	1.6738E-05
77982and52618@15.asc	0.40342661	0.01233733	0.00065466	1.9927E-05	0.00254533
77982and52618@16.asc	0.00373411	6.7608E-05	0.00051862	2.0911E-05	2.0468E-05
77982and52618@17.asc	0.01647469	0.00124784	0.00061889	1.9561E-05	5.0175E-05
77982and52618@18.asc	0.00673206	0.00027397	0.00056705	1.5957E-05	9.5249E-06
77982and52618@20.asc	0.00478514	0.00014756	0.0005328	2.5995E-05	2.4836E-05
77982and52618@21.asc	0.00655977	0.0002146	0.00060255	2.2576E-05	3.3499E-05
77982and52618@22.asc	0.00840365	0.00042414	0.00058156	1.5094E-05	3.5267E-05
77982and52618@24.asc	2.39934974	0.01858862	0.0149018	0.00014161	2.322E-05
77982and52618@25.asc	0.92648148	0.00820673	0.00784693	7.1004E-05	2.6839E-05
77982and52618@26.asc	0.00323392	3.1733E-05	0.00055746	1.5766E-05	2.34E-05
77982and52618@27.asc	0.0067712	0.00028625	0.00061404	1.5858E-05	2.828E-05
77982and52618@28.asc	0.00412544	9.4474E-05	0.00056083	2.0155E-05	2.4996E-05
77982and52618@29.asc	3.60294293	0.03030036	0.02241805	0.00021422	2.3459E-05
77982and52618@30.asc	0.00479852	0.00023459	0.00036558	5.2121E-05	2.7804E-05
77821@2.asc	0.01290329	0.00023263	0.00065689	4.1053E-05	1.1037E-05
77821@3.asc	0.01034246	0.00029416	0.00050878	3.0606E-05	1.9572E-05
77821@4.asc	0.00871361	0.0003431	0.00050679	1.7416E-05	1.6121E-05
77821@5.asc	0.00894031	9.2506E-05	0.00050479	1.1738E-05	1.3179E-05
77821@6.asc	0.01472586	0.00015123	0.00056484	2.1186E-05	2.0976E-05
77821@7.asc	0.00454174	9.4983E-05	0.0004865	1.9533E-05	1.5619E-05
77821@8.asc	0.00885671	0.00029101	0.00059229	2.8692E-05	2.2701E-05
77821@10.asc	0.00511137	6.8397E-05	0.00048682	2.1182E-05	3.4169E-05
77821@11.asc	0.0054822	0.00012415	0.00053339	2.3447E-05	2.2753E-05

77821and77878@2.asc	0.00733863	0.00016076	1.45754588	0.00506879	9.7355E-06
77821and77878@3.asc	0.0083372	0.000233	1.47807542	0.00477671	1.1218E-05
77821and77878@4.asc	0.08836757	0.00386042	1.41447853	0.00428416	2.3404E-05
77875and52113@1.asc	0.00556909	6.9501E-05	0.0004753	3.0953E-05	3.1078E-05
77875and52113@2.asc	0.00458064	6.8928E-05	0.00058699	3.3019E-05	3.0656E-05
77875and52113@3.asc	0.0044694	6.2319E-05	0.00047232	1.8289E-05	2.9915E-05
77875and52113@4.asc	0.00431764	9.0309E-05	0.0004717	1.7609E-05	2.5999E-05
77875and52113@5.asc	0.00498709	0.00010128	0.00046152	2.1143E-05	3.0086E-05
77875and52113@6.asc	0.00558423	6.0301E-05	0.00050673	3.757E-05	2.901E-05
77875and52113@7.asc	0.00445809	4.6488E-05	0.00050021	2.3062E-05	2.0312E-05
77875and52113@8.asc	0.00593409	6.5855E-05	0.00045328	2.2011E-05	3.1916E-05
77875and52113@9.asc	0.00670562	0.00032607	0.00056153	1.749E-05	3.385E-05
77875and52113@10.asc	0.00278402	6.5572E-05	0.00046284	3.2112E-05	2.7964E-05
77875and52113@11.asc	0.00387656	4.5207E-05	0.00050529	3.2492E-05	2.0823E-05
77875and52113@12.asc	0.00650628	0.00015367	0.00049433	2.1573E-05	3.0058E-05
77875and52113@13.asc	0.0050351	0.0001375	0.00055091	2.4026E-05	3.0978E-05
77875and52113@14.asc	0.00665905	9.2123E-05	0.00049244	2.5121E-05	2.5978E-05
77875and52113@15.asc	0.00603151	8.3667E-05	0.00046362	2.1771E-05	3.2245E-05
77875and52113@16.asc	0.00539195	6.4617E-05	0.00052606	2.8823E-05	1.9974E-05
77875and52113@17.asc	0.00702492	0.0003207	0.00049902	2.793E-05	1.9602E-05
77875and52113@18.asc	0.00623157	0.00015727	0.00060205	3.3491E-05	2.1138E-05
77875and52113@19.asc	0.01006617	0.00022724	0.000567	3.8119E-05	2.4127E-05
77875and52113@20.asc	0.00429565	5.7001E-05	0.00046607	2.8758E-05	1.9567E-05
77875and52113@21.asc	0.01097437	0.00017294	0.00058411	2.5901E-05	6.0886E-06
77875and52113@22.asc	0.00522031	8.2947E-05	0.00049758	2.8262E-05	2.6646E-05
77875and52113@23.asc	0.01565352	0.00159913	0.00078061	8.033E-05	4.4793E-05
77875and52113@24.asc	0.00512467	7.1992E-05	0.00048838	2.038E-05	4.491E-06
77875and52113@25.asc	0.00846299	0.0003891	0.00056576	2.6055E-05	1.4423E-05
77875and52113@26.asc	0.00362661	6.2407E-05	0.00052983	2.5521E-05	4.7945E-06
77875and52113@27.asc	0.00655386	0.00011627	0.00057025	2.4923E-05	1.0971E-05
77875and52113@28.asc	0.00810132	7.0809E-05	0.00058164	3.3009E-05	2.4489E-05
77875and52113@29.asc	0.00787305	5.4333E-05	0.00054005	2.6029E-05	2.8326E-05
77875and52113@30.asc	0.0062764	0.00015197	0.00054777	3.0026E-05	3.3265E-05
77875and52113@31.asc	0.00467768	7.5278E-05	0.0005347	3.208E-05	2.7851E-05
77875and52113@32.asc	0.00815612	4.8913E-05	0.00048001	2.2135E-05	2.1174E-05
77875and52113@33.asc	0.00613554	9.0452E-05	0.00047607	2.7563E-05	1.496E-05
77875and52113@34.asc	0.00341683	3.2925E-05	0.00046955	2.3576E-05	1.618E-05
77875and52113@35.asc	0.00912902	0.00015411	0.00051111	2.9297E-05	2.0314E-05
77875and52113@36.asc	0.00703144	9.2841E-05	0.00052555	2.2997E-05	1.5129E-05
77875and52113@37.asc	0.00500344	5.6647E-05	0.00046616	1.6669E-05	2.5326E-05
77821and77878@7.asc	0.00611415	7.1445E-05	1.42167339	0.00392909	3.478E-05
77821and77878@8.asc	0.00638285	5.973E-05	1.38334815	0.00334278	3.0907E-05

77821and77878@9.asc	0.00723745	7.9442E-05	1.40229854	0.00599895	2.7708E-05
77821and77878@10.asc	0.00601605	7.2638E-05	1.38797221	0.00389738	2.741E-05
77821and77878@11.asc	0.00537314	4.7508E-05	1.37108836	0.00384809	2.7108E-05
77821and77878@12.asc	0.00542057	3.7938E-05	1.44265729	0.00461365	1.2996E-05
77821and77878@13.asc	0.00540027	5.1012E-05	1.39977777	0.00500665	2.3103E-05
77821and77878@14.asc	0.00695034	9.7326E-05	1.41606907	0.00512301	2.9987E-05
77821and77878@15.asc	0.0054352	5.9436E-05	1.42231046	0.0029008	2.6986E-05
77821and77878@16.asc	0.00825304	9.1603E-05	1.42816194	0.00455131	2.4134E-05
77821and77878@17.asc	0.00614781	0.00010921	1.4676212	0.00677947	2.3413E-05
77821and77878@18.asc	0.00598912	6.185E-05	1.40951971	0.00232763	2.1653E-05
77821and77878@19.asc	0.00762069	0.00010921	1.44801957	0.007849	2.8505E-05
77821and77878@20.asc	0.00599005	6.2266E-05	1.47486505	0.00336797	3.5666E-05
77821and77878@21.asc	0.09468411	0.00184971	1.4726533	0.00628474	0.00012085
77821and77878@24.asc	0.00723798	0.000106	1.41375445	0.00474038	3.4787E-05
77821and77878@25.asc	0.00529579	6.4881E-05	1.38007651	0.00507908	3.071E-05
77821and77878@26.asc	0.36022897	0.00113764	1.44904078	0.00443505	0.00020684
77821and77878@27.asc	0.00826183	5.8028E-05	1.4032026	0.00686771	2.5138E-05
77821and77878@28.asc	0.00545668	5.4541E-05	1.4713509	0.0041865	2.0272E-05
77821and77878@29.asc	0.00542652	7.5007E-05	1.39196445	0.0056175	2.3594E-05
77821and77878@30.asc	0.00669544	8.772E-05	1.45524591	0.00444511	7.6456E-05
77821and77878@31.asc	0.00561061	5.9483E-05	1.38610716	0.00549215	2.4989E-05
77821and77878@32.asc	0.0061759	8.4239E-05	1.42577632	0.00334058	2.389E-05
77821and77878@33.asc	0.00580855	4.0199E-05	1.44672019	0.00448535	2.1199E-05
77821and77878@34.asc	0.00586052	7.9927E-05	1.41916981	0.00274164	2.1702E-05
77821and77878@35.asc	0.00628741	0.00014918	1.38360132	0.00586915	1.2901E-05
77821and77878@36.asc	0.01349738	0.00020526	1.48779668	0.00454928	1.1146E-05
77821and77878@37.asc	0.00502867	9.9034E-05	1.3564342	0.00425169	9.145E-06
77821and77878@38.asc	0.00459862	5.7056E-05	1.39473758	0.0036687	2.8048E-05
77821and77878@39.asc	0.00458145	3.2379E-05	1.4155087	0.00401223	2.1758E-05
77821and77878@40.asc	0.00496812	5.9725E-05	1.3929447	0.00562848	1.6465E-05
77821and77878@42.asc	0.01051803	0.00020117	1.41545165	0.00462312	2.185E-05
77821and77878@44.asc	0.00775282	8.5784E-05	1.42452264	0.00333031	1.7807E-05
77821and77878@45.asc	0.00475582	7.6843E-05	1.48840146	0.00343515	1.6889E-05
77821and77878@46.asc	0.00497786	3.7107E-05	1.45819673	0.00293676	1.8168E-05
77821and77878@47.asc	0.01410581	0.0006911	1.41413532	0.0043296	2.1813E-05
77821and77878@48.asc	0.00489259	5.9725E-05	1.36582466	0.00773264	2.244E-05
77821and77878@49.asc	0.00468563	3.4469E-05	1.39230386	0.00347188	2.2451E-05
77821and77878@50.asc	0.02553577	0.00015365	1.42396691	0.00415828	0.00013441
77821and77878@51.asc	0.00730289	8.2445E-05	1.40113731	0.00301318	3.4061E-05
77821and77878@52.asc	0.00499729	0.00011697	1.46027919	0.004924	2.673E-05
77821and77878@53.asc	0.00469524	6.9664E-05	1.46923498	0.00298669	2.0717E-05
77821and77878@54.asc	0.00613771	5.1076E-05	1.39169978	0.00376281	2.4456E-05

77821and77878@55.asc	0.00543095	4.7891E-05	1.47754239	0.00503489	1.3756E-05
77821and77878@56.asc	0.01369146	0.00018787	1.38611865	0.00388989	2.5065E-05
77821and77878@57.asc	0.01363896	0.00021168	1.38849554	0.0045358	1.0962E-05
77821and77878@58.asc	0.00843421	0.00014655	1.35064176	0.00304619	1.8907E-05
77913and77886@22.asc	0.00225995	7.3774E-05	0.0006148	2.6949E-05	2.138E-05
77913and77886@23.asc	0.01942312	0.00072162	0.00132455	2.996E-05	3.0669E-05
77913and77886@24.asc	0.0222917	0.00052561	0.00124481	6.2118E-05	3.343E-05
77913and77886@25.asc	0.53089169	0.00413731	0.00442763	7.1859E-05	2.8137E-05
77913and77886@26.asc	0.00435101	0.00012087	0.00063196	2.2078E-05	2.8324E-05
77913and77886@27.asc	0.00368175	0.00010437	0.00055754	2.9827E-05	2.1198E-05
77913and77886@28.asc	0.00751713	0.00018478	0.00068476	3.1465E-05	2.534E-05
77913and77886@29.asc	0.00421107	0.00010171	0.0006071	2.268E-05	2.0428E-05
77913and77886@30.asc	0.00357416	5.0373E-05	0.00061028	3.3256E-05	2.2211E-05
77913and77886@31.asc	0.00440591	7.8496E-05	0.00078812	3.7119E-05	1.8734E-05
77913and77886@32.asc	0.00317129	6.6798E-05	0.0005771	1.4109E-05	2.6083E-05
77913and77886@33.asc	0.00382184	5.0705E-05	0.00056366	4.1983E-05	2.4298E-05
77913and77886@34.asc	0.00832543	9.9487E-05	0.00059945	2.9075E-05	2.3833E-05
77913and77886@35.asc	0.0051513	0.00010549	0.00066558	2.4359E-05	2.434E-05
77913and77886@36.asc	0.00438703	7.2908E-05	0.00058429	3.7613E-05	2.6795E-05
77913and77886@37.asc	0.00589819	0.00027474	0.0006478	3.4673E-05	3.3042E-05
77913and77886@38.asc	0.00304461	6.9708E-05	0.00063623	2.8186E-05	1.8634E-05
77913and77886@39.asc	0.00873699	0.00038408	0.00067504	3.3362E-05	2.4386E-05
77913and77886@40.asc	0.00382613	9.2273E-05	0.00061396	2.7668E-05	2.8348E-05
77913and77886@41.asc	0.00508828	0.00011757	0.00080619	4.8496E-05	3.5832E-05
77913and77886@42.asc	0.00429149	9.6841E-05	0.00072285	4.6729E-05	3.3839E-05
77913and77886@43.asc	0.00402068	0.00011754	0.00070842	5.1467E-05	3.5332E-05
77913and77886@44.asc	0.02725664	0.00303189	0.00091933	7.1064E-05	3.6028E-05
77913and77886@45.asc	0.00529447	9.3915E-05	0.00071879	5.5684E-05	3.0767E-05
77913and77886@46.asc	0.00410867	8.6462E-05	0.0008741	0.00010263	2.873E-05
77913and77886@47.asc	0.00439856	4.9299E-05	0.00076656	5.4936E-05	2.9328E-05
77913and77886@48.asc	0.01684724	0.00114155	0.00099621	6.5325E-05	3.7813E-05
77913and77886@49.asc	0.01092632	0.0005199	0.00093639	5.6365E-05	3.025E-05
77913and77886@50.asc	0.0041084	0.00010031	0.00084528	7.6762E-05	2.1027E-05
77913and77886@51.asc	0.00343148	6.8691E-05	0.00083919	8.7072E-05	1.4295E-05
77913and77886@52.asc	0.00263831	0.00010231	0.00066849	4.6103E-05	2.4202E-05
77913and77886@54.asc	0.00913245	0.00022128	0.00073946	4.7011E-05	2.3044E-05
77913and77886@55.asc	0.00476425	0.00016225	0.0006407	5.0681E-05	1.1653E-05
77913and77886@56.asc	0.00303433	8.4647E-05	0.00070009	4.3718E-05	1.8035E-05
77913and77886@57.asc	0.00963077	0.0002309	0.00075561	4.0407E-05	4.1039E-05
78171and77887@37.asc	0.00514063	0.00017117	0.00057687	1.8997E-05	2.6223E-05
78171and77887@38.asc	0.00340835	6.3804E-05	0.00069151	3.6586E-05	3.6435E-05
78171and77887@39.asc	0.00631947	0.00026992	0.00136571	5.7449E-05	3.1012E-05

78171and77887@40.asc	0.00902705	0.00014048	0.00082923	0.00012396	3.8669E-05
78171and77887@41.asc	0.00325803	0.0001364	0.00083294	0.00011681	1.9344E-05
78171and77887@42.asc	0.00279626	4.5272E-05	0.00069222	0.00012294	2.4923E-05
78171and77887@43.asc	0.00648371	0.00200444	0.00049049	6.0504E-05	2.5972E-05
78171and77887@44.asc	0.00342589	0.00011126	0.00054375	3.5589E-05	2.4667E-05
78171and77887@45.asc	0.00244963	3.3397E-05	0.0004784	2.8473E-05	2.1256E-05
78171and77887@46.asc	0.00340617	0.00016189	0.00049859	1.9257E-05	2.4854E-05
78171and77887@47.asc	0.00242958	5.6069E-05	0.00049622	2.4063E-05	2.2914E-05
78171and77887@48.asc	0.01795619	0.00121806	0.00065884	3.0487E-05	1.1024E-05
78171and77887@49.asc	0.00566515	6.0929E-05	0.00062304	2.7075E-05	9.079E-06
78171and77887@50.asc	0.0050522	0.00080738	0.00062305	5.9034E-05	2.1492E-05
78171and77887@51.asc	0.00472236	8.4609E-05	0.0006153	2.0881E-05	2.2227E-05
78171and77887@52.asc	0.00477093	8.6175E-05	0.00056621	1.7975E-05	2.7365E-05
78171and77887@53.asc	0.00400739	4.8846E-05	0.00048384	2.3022E-05	2.751E-05
78171and77887@54.asc	0.00409347	6.0342E-05	0.00048011	3.0431E-05	2.6024E-05
78171and77887@56.asc	0.00254562	7.4277E-05	0.00051646	1.5262E-05	2.3578E-05
78171and77887@57.asc	0.00378151	4.1446E-05	0.00053704	2.2348E-05	2.3525E-05
78171and77887@58.asc	0.00491165	0.00010828	0.00051033	2.2155E-05	3.2321E-05
78171and77887@59.asc	0.00308455	4.948E-05	0.00044933	1.4681E-05	2.6471E-05
78171and77887@60.asc	0.00441709	6.6584E-05	0.00048699	1.993E-05	2.645E-05
78171and77887@61.asc	0.00923849	0.0002341	0.00070831	3.4371E-05	2.2056E-05
78171and77887@63.asc	0.01304813	0.00119582	0.00453954	0.00087878	5.6992E-05
78171and77887@64.asc	0.0030453	5.1653E-05	0.00045558	2.1938E-05	2.5095E-05
78171and77887@65.asc	0.00287533	3.1098E-05	0.00042474	2.1984E-05	2.4969E-05
78171and77887@66.asc	0.00416039	7.1065E-05	0.00051528	2.8151E-05	2.0262E-05
78171and77887@67.asc	0.00359012	5.4577E-05	0.00049834	1.9851E-05	2.3392E-05
78171and77887@68.asc	0.00249452	3.3848E-05	0.00042197	3.1795E-05	2.068E-05
78171and77887@69.asc	0.00263519	3.7836E-05	0.00050076	1.4977E-05	2.4942E-05
78171and77887@70.asc	0.00380729	9.796E-05	0.00051568	2.3686E-05	2.3912E-05
78171and77887@71.asc	0.03249637	0.00063054	0.00047527	1.7308E-05	2.1322E-05
78171and77887@72.asc	0.00272014	5.5412E-05	0.00050428	2.8389E-05	2.1357E-05
77900@1.asc	0.00690404	0.00020618	0.00063419	3.4745E-05	3.8767E-05
77900@2.asc	0.00497532	5.2908E-05	0.00059718	1.7975E-05	3.899E-05
77900@4.asc	0.00379111	7.8722E-05	0.00056837	2.5152E-05	2.8937E-05
77900@5.asc	0.00355798	7.8572E-05	0.00060661	2.5166E-05	3.3853E-05
77900@6.asc	0.01335509	0.0004719	0.00091628	4.0579E-05	5.7488E-05
77900@7.asc	0.12107579	0.00161347	0.00061621	3.694E-05	0.00017333
77900@9.asc	0.00424209	8.0869E-05	0.00055974	4.0258E-05	2.6159E-05
77900@10.asc	0.01456057	0.00127191	0.00096928	8.9617E-05	5.4429E-05
77900@11.asc	0.00355024	8.6115E-05	0.00053125	2.595E-05	2.9838E-05
77900@12.asc	0.00428288	7.2509E-05	0.00060981	3.4542E-05	3.7378E-05
77900@13.asc	0.00507691	7.1762E-05	0.00058378	2.9771E-05	3.8685E-05

77900@14.asc	0.00381955	9.8792E-05	0.00057313	2.1589E-05	3.0903E-05
77900@15.asc	0.00373992	4.5365E-05	0.00055306	1.4355E-05	3.4875E-05
77900@16.asc	0.00437996	7.4569E-05	0.00060944	1.9713E-05	3.2776E-05
77900@17.asc	0.00366293	3.7506E-05	0.00057127	2.6737E-05	3.4287E-05
77900@18.asc	0.01051596	0.00040753	0.00069016	2.3268E-05	3.6929E-05
77900@19.asc	0.00642077	7.9605E-05	0.00061143	3.2655E-05	3.4507E-05
77900@20.asc	0.00536298	8.1713E-05	0.00061681	1.9373E-05	3.308E-05
77900@21.asc	0.0048591	5.9812E-05	0.00057309	2.5035E-05	3.5069E-05
77900@22.asc	0.00797471	0.00032796	0.00066451	3.1473E-05	3.9587E-05
77900@23.asc	0.00468398	9.9139E-05	0.00055912	1.6397E-05	3.2298E-05
77900@24.asc	0.00441707	8.1542E-05	0.00057216	2.3977E-05	3.2236E-05
77900@25.asc	0.00423665	4.8371E-05	0.00056773	4.0304E-05	3.4009E-05
77900@26.asc	0.00558717	0.00014715	0.00068872	2.828E-05	8.0866E-05
77900@27.asc	0.00609064	0.00028051	0.00056438	2.2272E-05	3.4823E-05
77900@28.asc	0.00790588	0.00011172	0.0006382	3.5272E-05	3.6173E-05
77900@29.asc	0.33434762	0.00374375	0.01182111	0.0001862	6.4582E-05
77900@30.asc	0.01337237	0.00020544	0.00081529	2.0612E-05	4.1086E-05
77900@31.asc	0.00438229	8.459E-05	0.0005799	3.5684E-05	3.4863E-05
77900@32.asc	0.00543094	7.8673E-05	0.00065161	2.5768E-05	4.4151E-05
77900@33.asc	0.00989591	0.00017404	0.00064541	3.7313E-05	4.4227E-05
77900@34.asc	0.00408873	7.8063E-05	0.00074515	4.8679E-05	3.8236E-05
77900@35.asc	0.00480936	5.8179E-05	0.0006001	3.1566E-05	4.0611E-05
77900@36.asc	0.00474956	6.271E-05	0.0006084	3.8506E-05	3.7007E-05
77900@37.asc	0.00418287	8.0154E-05	0.00061346	1.8206E-05	3.4122E-05
77900@38.asc	0.00581161	8.9159E-05	0.00063666	2.2921E-05	2.0533E-05
77900@39.asc	0.00349417	4.8717E-05	0.00058931	2.4222E-05	3.1044E-05
77900@40.asc	0.00815283	0.00045253	0.0006486	3.3457E-05	3.0875E-05
77900@41.asc	0.00588247	0.00015078	0.00063804	4.7925E-05	4.1329E-05
77900@42.asc	0.00917555	0.00031272	0.00076413	3.4641E-05	3.2865E-05
77900@43.asc	0.00491955	4.3313E-05	0.00052845	2.242E-05	3.7219E-05
77900@44.asc	0.00514262	9.0835E-05	0.00059786	2.7072E-05	3.6303E-05
77900@45.asc	0.00374003	6.5203E-05	0.00060412	2.5165E-05	3.3764E-05
77900@46.asc	0.00585143	9.7313E-05	0.00061478	2.4373E-05	3.1816E-05
77900@47.asc	0.00559897	0.0001713	0.00066817	3.0581E-05	3.6219E-05
77900@48.asc	0.00436842	9.9801E-05	0.00060818	2.4025E-05	3.9381E-05
77900@49.asc	0.09790342	0.00100572	0.00059399	4.1546E-05	8.8636E-05
77900@50.asc	0.00487745	9.2772E-05	0.00061452	2.9999E-05	1.8508E-05
77900@51.asc	0.00483371	5.4146E-05	0.0006132	2.5143E-05	3.2329E-05
77900@52.asc	0.00353048	8.7963E-05	0.00055437	2.7099E-05	3.4624E-05
77900@56.asc	0.00422992	5.7085E-05	0.00062513	2.7363E-05	3.8909E-05
77900@57.asc	0.00495746	0.00018413	0.00059813	2.8907E-05	3.3241E-05
77900@58.asc	0.0043671	7.845E-05	0.00059702	2.3913E-05	3.296E-05

77900@59.asc	0.33930933	0.00836043	0.00416242	8.3292E-05	4.7587E-05
77900@60.asc	0.00443532	9.0637E-05	0.00065866	3.897E-05	3.8452E-05
77900@62.asc	0.00436958	5.4872E-05	0.00061907	3.7249E-05	3.6394E-05
77900@65.asc	0.00516672	7.5231E-05	0.00058648	3.3027E-05	0.00010158
77900@66.asc	0.01973089	0.00091938	0.00109583	6.5015E-05	7.9417E-05
77900@67.asc	0.00887085	0.00012964	0.00063514	2.683E-05	3.7767E-05
77900@68.asc	0.00500131	6.8875E-05	0.00058991	3.3124E-05	3.7629E-05
77900@69.asc	0.00501575	5.8504E-05	0.000574	2.4233E-05	3.9368E-05
77900@70.asc	0.00676657	8.5124E-05	0.00058592	2.5769E-05	4.5173E-05
77900@71.asc	0.00635311	0.00010491	0.00067274	3.2549E-05	4.3262E-05
77900@72.asc	0.00654393	8.8645E-05	0.00066279	2.0624E-05	3.8811E-05
77900@75.asc	0.05312068	0.00146219	0.00062242	2.6379E-05	7.6222E-05
77900@76.asc	0.01576425	0.00052393	0.00061517	4.0556E-05	4.0082E-05
77911and78169@47.asc	0.00719927	0.00038015	0.00096041	3.4706E-05	4.13E-05
77911and78169@48.asc	0.00705508	0.0001668	0.00067773	2.9247E-05	1.6141E-05
77911and78169@49.asc	0.00491622	5.5009E-05	0.00069477	2.4675E-05	1.5608E-05
77911and78169@50.asc	0.00455087	0.00010279	0.00071856	3.8476E-05	2.6423E-05
77911and78169@51.asc	0.00422791	0.00023802	0.00066351	2.9498E-05	2.7584E-05
77911test1.asc	0.00317637	5.8161E-05	0.00057646	1.8393E-05	2.6512E-05
77911and78169@1.asc	0.03069855	0.00227032	0.0033383	0.00099515	8.6097E-05
77911and78169@2.asc	0.00479678	4.0636E-05	0.00056409	2.7892E-05	1.6417E-05
77911and78169@3.asc	0.01968042	0.00156243	0.00311184	0.00074597	5.5076E-05
77911and78169@5.asc	0.01554644	0.00143909	0.00076016	4.8938E-05	4.6835E-05
77911and78169@6.asc	0.57584067	0.01199111	0.00271265	6.0935E-05	1.6701E-05
77911and78169@7.asc	0.00695107	0.00038537	0.00060595	2.2941E-05	2.2826E-05
78182and77912@1.asc	0.00340764	9.2202E-05	0.00064562	3.3294E-05	1.3059E-05
78182and77912@2.asc	0.00532433	3.9895E-05	0.0005543	1.3709E-05	1.821E-05
78182and77912@4.asc	0.04094148	0.00125399	0.00065217	2.4112E-05	0.00015794
78182and77912@5.asc	0.00456761	5.3723E-05	0.00056429	2.1804E-05	3.5967E-05
78182and77912@6.asc	0.00791841	0.00021639	0.00060003	3.7791E-05	0.00048652
78182and77912@7.asc	0.0028326	6.8326E-05	0.00054375	3.3939E-05	1.4228E-05
78182and77912@8.asc	0.00299146	2.7794E-05	0.00052422	1.8423E-05	3.2697E-05
78182and77912@9.asc	0.00792667	0.00034224	0.00070283	3.8206E-05	1.9242E-05
78182and77912@10.asc	0.00343244	5.7492E-05	0.00055956	2.1588E-05	3.7304E-05
78182and77912@12.asc	0.01180743	0.00015197	0.00059832	2.075E-05	9.548E-06
78182and77912@13.asc	0.05992344	0.0006112	0.00062001	3.3894E-05	9.1174E-05
78182and77912@14.asc	0.35151174	0.00498472	0.00070434	4.3726E-05	0.00020432
78182and77912@15.asc	0.00722676	0.00010879	0.00057368	2.2371E-05	2.8221E-05
78182and77912@18.asc	0.00722239	0.0001868	0.00052964	3.1415E-05	1.0466E-05
78182and77912@19.asc	0.00651218	0.00013842	0.00049952	1.6746E-05	1.6498E-05
78182and77912@20.asc	0.01017608	0.00014021	0.00052527	2.8141E-05	2.1437E-05
78182and77912@21.asc	0.00311104	3.7449E-05	0.00050525	1.998E-05	4.0012E-05

78182and77912@22.asc	0.00535681	6.8232E-05	0.00051477	2.2263E-05	3.533E-05
78182and77912@23.asc	0.00756302	0.00014402	0.00055016	2.0326E-05	2.5578E-05
78182and77912@24.asc	0.00814568	0.0002486	0.00052917	1.989E-05	2.2115E-05
78182and77912@25.asc	0.01616812	0.01079455	0.00045066	5.2748E-05	2.6558E-05
78182and77912@26.asc	0.00534596	0.00012242	0.00063953	1.9534E-05	9.7425E-06
78182and77912@27.asc	0.00637131	9.326E-05	0.00055352	1.8599E-05	2.6264E-05
78182and77912@28.asc	0.00949082	0.00019102	0.00060168	2.053E-05	1.4534E-05
78182and77912@30.asc	0.01061811	0.00037203	0.00060758	4.3688E-05	1.125E-05
77913and77886@8.asc	0.03755549	0.00100642	0.00069243	3.9426E-05	3.2649E-05
77913and77886@9.asc	0.00389587	8.0341E-05	0.00059568	1.9755E-05	1.7258E-05
77913and77886@10.asc	0.1246368	0.00177646	0.00166793	7.343E-05	2.249E-05
77913and77886@11.asc	2.31722401	0.01151957	0.02282449	0.00022149	1.6523E-05
77913and77886@12.asc	0.00274528	4.6703E-05	0.00060133	2.778E-05	2.9455E-05
77913and77886@13.asc	0.00677299	0.00015973	0.00066606	3.6033E-05	1.3775E-05
77913and77886@14.asc	0.00393672	6.828E-05	0.00056548	2.1115E-05	3.1537E-05
77913and77886@15.asc	0.05700674	0.00051135	0.00609841	0.00011776	3.2819E-05
77913and77886@16.asc	1.86684191	0.0146793	0.01820689	0.00016033	2.9852E-05
77913and77886@17.asc	0.00667235	0.00017158	0.00064814	3.6185E-05	2.0894E-05
77913and77886@18.asc	0.00325668	5.5277E-05	0.00057211	3.3946E-05	2.7422E-05
77913and77886@19.asc	0.00346962	5.2515E-05	0.00060013	2.915E-05	3.0053E-05
77913and77886@20.asc	0.00376286	9.5397E-05	0.00062216	2.5308E-05	2.7085E-05
77913and77886@21.asc	0.00465115	0.00010024	0.00056637	2.6214E-05	1.9705E-05
77915area2@1.asc	0.00481087	0.00030807	0.0009429	4.7418E-05	1.8258E-05
77915area2@2.asc	0.01577377	0.00042049	0.00092258	3.2382E-05	2.0285E-05
77915area2@3.asc	0.00305228	5.9383E-05	0.00087174	3.5696E-05	1.79E-05
77915area2@5.asc	0.00863308	0.0001247	0.00076913	2.5231E-05	3.0485E-05
77915area2@6.asc	0.00322671	3.1105E-05	0.00059982	1.7207E-05	1.7151E-05
77915area2@7.asc	0.00245284	5.2785E-05	0.00057959	2.6862E-05	2.4335E-05
77915area2@8.asc	0.0043424	0.00010019	0.00057372	2.6992E-05	2.2305E-05
77915and77921@1.asc	0.00887262	0.00016372	0.00089139	3.142E-05	1.1932E-05
77915and77921@2.asc	0.00459358	2.9429E-05	0.00087241	2.3293E-05	1.3016E-05
77915and77921@3.asc	0.00515719	0.00012961	0.00088306	2.9713E-05	1.6043E-05
77915and77921@4.asc	0.00852572	0.00027268	0.0009546	3.2935E-05	1.2753E-05
77915and77921@5.asc	0.00337334	7.5915E-05	0.00086707	2.8707E-05	1.0137E-05
77915and77921@6.asc	0.01308984	0.00136157	0.00129865	4.1855E-05	2.2605E-05
77915and77921@7.asc	0.00877717	0.00068152	0.0009889	4.7526E-05	2.8474E-05
77915and77921@8.asc	0.00415347	8.6341E-05	0.00094894	3.7231E-05	1.1009E-05
77915and77921@9.asc	0.00953287	0.00018361	0.00099956	2.1723E-05	1.3882E-05
77915and77921@10.asc	0.00389577	4.1532E-05	0.0009043	2.2087E-05	9.9131E-06
77915and77921@11.asc	0.00371912	8.7493E-05	0.00084368	2.3195E-05	1.4847E-05
77915and77921@12.asc	0.0037113	9.7601E-05	0.00086303	4.3099E-05	1.6702E-05
77915and77921@13.asc	0.00330692	4.9553E-05	0.0021347	3.7246E-05	1.4012E-05

77915and77921@14.asc	0.01111705	0.00017924	0.00098697	2.5713E-05	1.7875E-05
77915and77921@15.asc	0.00445243	9.9721E-05	0.00087681	1.8939E-05	2.0405E-05
77915and77921@16.asc	0.0039935	7.9007E-05	0.00083408	2.6064E-05	1.3083E-05
77915and77921@17.asc	0.00633416	0.00036247	0.00088495	2.5964E-05	8.5201E-05
77920and77930@22.asc	0.00364484	9.7357E-05	0.0005072	2.0768E-05	2.3941E-05
77920and77930@23.asc	0.00399789	4.9517E-05	0.00054247	1.2603E-05	2.7269E-05
77920and77930@24.asc	0.00958875	0.00023894	0.00062813	1.9862E-05	2.2056E-05
77920and77930@25.asc	0.00332299	4.8646E-05	0.00050816	1.5908E-05	2.7188E-05
77920and77930@26.asc	0.00218115	7.3462E-05	0.00046993	2.1684E-05	1.8035E-05
77920and77930@27.asc	0.06370551	0.00290229	0.0007041	2.2897E-05	1.4134E-05
77920and77930@28.asc	0.00252641	4.8862E-05	0.00051062	1.7652E-05	1.9508E-05
77920and77930@29.asc	0.00364763	6.5266E-05	0.00051853	2.6496E-05	2.2039E-05
77920and77930@30.asc	0.00402467	0.00035129	0.00055312	2.511E-05	2.1214E-05
77920and77930@31.asc	1.42189494	0.02537333	0.00759715	0.00024316	0.00013226
77920and77930@33.asc	0.39400946	0.00451063	0.00408436	8.8175E-05	2.2126E-05
77920and77930@34.asc	0.00291823	5.0246E-05	0.00051165	2.2634E-05	2.4801E-05
77920and77930@35.asc	0.1373062	0.00276352	0.00173344	3.2961E-05	2.5911E-05
77920and77930@1.asc	0.0026842	5.1521E-05	0.00056386	3.1764E-05	1.4327E-05
77920and77930@2.asc	0.00708827	8.0148E-05	0.00070971	2.1827E-05	1.7157E-05
77920and77930@3.asc	0.00223453	0.00010252	0.00050812	2.5874E-05	2.2008E-05
77920and77930@4.asc	0.0034589	0.00010748	0.00051744	2.2963E-05	7.8513E-06
77920and77930@5.asc	0.00209668	2.5327E-05	0.00055049	2.4923E-05	1.0208E-05
77920and77930@6.asc	0.00294584	2.7653E-05	0.00054845	4.5022E-05	1.3788E-05
77920and77930@7.asc	0.00553431	0.00020028	0.00062683	2.4114E-05	2.0448E-05
77920and77930@8.asc	0.00299742	3.5348E-05	0.00052239	2.4402E-05	2.4613E-05
77920and77930@10.asc	0.00283606	4.797E-05	0.00054425	1.4042E-05	2.9763E-05
77920and77930@11.asc	0.00339778	5.1919E-05	0.0004995	1.4347E-05	2.9388E-05
77920and77930@12.asc	0.00341354	6.0236E-05	0.00051291	2.0925E-05	2.874E-05
77920and77930@13.asc	0.0034374	6.7126E-05	0.00052845	3.4151E-05	3.1151E-05
77920and77930@15.asc	0.00354825	0.00025467	0.00067406	8.5941E-05	3.3739E-05
77920and77930@16.asc	0.00453018	7.1994E-05	0.00054377	1.4463E-05	3.8895E-05
77920and77930@17.asc	0.0034075	6.0268E-05	0.00050948	2.336E-05	3.2004E-05
77920and77930@18.asc	0.00308468	3.5784E-05	0.00051877	1.8438E-05	3.1011E-05
77920and77930@62.asc	0.00442218	0.00011335	0.00059927	2.0048E-05	1.3587E-05
77920and77930@63.asc	0.00630623	0.00046736	0.00066554	6.4828E-05	2.5675E-05
77920and77930@64.asc	0.0053817	7.853E-05	0.00053762	2.9784E-05	2.289E-05
77920and77930@65.asc	0.00292905	5.3549E-05	0.00051338	1.9817E-05	1.3767E-05
77915and77921@18.asc	0.00582361	0.00010268	0.00086805	3.2924E-05	1.9005E-05
77915and77921@19.asc	0.00277362	4.5787E-05	0.00088529	3.1744E-05	2.0538E-05
77915and77921@20.asc	0.00277382	4.2891E-05	0.00084841	3.79E-05	1.9248E-05
77915and77921@21.asc	0.00256263	3.91E-05	0.00077772	3.5459E-05	2.1571E-05
77915and77921@22.asc	0.00581067	8.4209E-05	0.00087282	2.5137E-05	2.2303E-05

77915and77921@23.asc	0.00514116	8.2665E-05	0.00081926	3.3443E-05	1.9344E-05
77915and77921@24.asc	0.00502653	9.5922E-05	0.00077219	2.2543E-05	1.8883E-05
77915and77921@25.asc	0.00427259	6.4195E-05	0.00079509	2.4871E-05	1.6924E-05
77915and77921@26.asc	0.00363574	5.1966E-05	0.00083399	1.9562E-05	1.6889E-05
77915and77921@27.asc	0.00577476	8.565E-05	0.00088926	2.121E-05	2.0524E-05
77915and77921@28.asc	0.00297907	5.4073E-05	0.00084741	2.156E-05	1.8682E-05
77915and77921@29.asc	0.00906597	0.00011257	0.00091795	3.4488E-05	2.0689E-05
77915and77921@30.asc	0.00377369	5.5836E-05	0.00084907	3.1479E-05	2.2892E-05
77915and77921@31.asc	0.00369024	5.9622E-05	0.00084553	3.0683E-05	2.3565E-05
77915and77921@32.asc	0.00557361	0.00012325	0.00086528	2.539E-05	2.4824E-05
77915and77921@33.asc	0.00592954	0.0001618	0.00090425	2.262E-05	2.3658E-05
77915and77921@34.asc	0.01018084	0.00015857	0.00086493	3.1036E-05	2.0901E-05
77915and77921@35.asc	0.01136407	0.00044152	0.00095572	3.8723E-05	2.373E-05
77915and77921@36.asc	0.00857921	0.00018196	0.00088997	2.6118E-05	2.3255E-05
78176and77923@29.asc	0.00131417	4.4306E-05	0.00057265	3.7372E-05	3.0749E-05
78176and77923@30.asc	1.40352359	0.00954356	0.00427297	0.00021717	2.2789E-05
78176and77923@31.asc	0.01691801	0.00015622	0.00086761	3.2932E-05	2.4455E-05
78176and77923@33.asc	0.00623486	0.00029005	0.00056635	1.3525E-05	2.2852E-05
78176and77923@34.asc	0.00734617	0.0003498	0.00078971	2.6592E-05	3.4096E-05
78176and77923@35.asc	0.00324656	8.8349E-05	0.00068476	2.5866E-05	2.1896E-05
78176and77923@36.asc	0.00693981	0.00014023	0.00062482	3.3249E-05	2.298E-05
78176and77923@37.asc	0.00705423	0.00013708	0.00062527	3.3512E-05	1.9585E-05
78176and77923@38.asc	0.00332935	9.5533E-05	0.00060746	2.1131E-05	1.0267E-05
78176and77923@39.asc	0.90973455	0.01280029	0.00634813	0.00014463	9.9507E-06
78176and77923@40.asc	0.00386029	0.00014016	0.00064124	2.6203E-05	1.1691E-05
78176and77923@41.asc	0.00315368	5.2005E-05	0.00057367	1.9278E-05	1.2388E-05
78176and77923@42.asc	0.0050509	0.00011165	0.0007206	2.8554E-05	2.0414E-05
78176and77923@43.asc	0.00537914	8.6738E-05	0.00057318	2.1996E-05	1.9731E-05
78176and77923@44.asc	0.00244791	3.2201E-05	0.00058893	1.9701E-05	2.6575E-05
78176and77923@45.asc	0.00323198	6.3921E-05	0.00060874	2.5608E-05	2.4157E-05
78176and77923@46.asc	0.00257943	2.8425E-05	0.00054351	1.3363E-05	2.8614E-05
78176and77923@47.asc	0.00214942	1.9301E-05	0.00050355	2.2857E-05	2.2236E-05
78176and77923@48.asc	0.00885525	0.00098135	0.00066896	3.4161E-05	3.0967E-05
78176and77923@49.asc	0.00503715	4.8598E-05	0.00061518	1.5428E-05	2.2609E-05
78176and77923@50.asc	0.0022477	6.5109E-05	0.00052134	2.0303E-05	1.63E-05
78176and77923@51.asc	0.00507004	0.00017186	0.00056912	2.4357E-05	2.7174E-05
78176and77923@52.asc	0.00289654	6.5863E-05	0.00053806	1.4583E-05	2.3862E-05
78176and77923@53.asc	0.00255669	4.0755E-05	0.00055119	2.0956E-05	2.6934E-05
77925and52111@34.asc	0.02314915	0.00529689	1.40366771	0.00601917	0.00013561
77925and52111@35.asc	0.00291856	4.6559E-05	1.44158845	0.00379452	1.0466E-05
77925and52111@37.asc	0.00381509	5.2934E-05	1.41716624	0.00558231	1.4228E-05
77925and52111@38.asc	0.00396411	8.0677E-05	1.41131775	0.00611711	1.2449E-05

77925and52111@39.asc	0.01088748	0.00039745	1.39732104	0.00377923	1.7654E-05
77925and52111@40.asc	0.01230255	0.00016356	1.36972773	0.00415087	1.3653E-05
77925and52111@41.asc	0.0088994	0.00119964	1.41648672	0.00407835	2.5192E-05
77925and52111@42.asc	0.02605162	0.00085046	1.38161637	0.00412966	6.0259E-05
77925and52111@43.asc	0.00723325	0.00034361	1.35990393	0.00720283	1.969E-05
77925and52111@44.asc	0.00910525	0.00012478	1.36355395	0.00457617	2.1387E-05
77925and52111@45.asc	0.00370547	0.00043854	1.3424933	0.00266673	1.6664E-05
77925and52111@46.asc	0.00315668	4.3144E-05	1.3390685	0.00544096	1.6249E-05
77925and52111@48.asc	0.00382069	8.7049E-05	1.32989555	0.00616541	1.36E-05
77925and52111@49.asc	0.00358086	7.6291E-05	1.38423483	0.00598787	1.3752E-05
77925and52111@50.asc	0.00320002	6.9254E-05	1.43018356	0.00408891	1.4239E-05
77925and52111@51.asc	0.00954546	0.00015245	1.44394874	0.00435733	1.2354E-05
77925and52111@52.asc	0.02104648	0.00037312	1.44462649	0.00289888	5.9669E-05
77925and52111@53.asc	0.00781899	0.00010929	1.29631046	0.00328179	2.9632E-05
77925and52111@54.asc	0.0054588	0.0001178	1.46318186	0.00502303	1.4241E-05
77925and52111@55.asc	0.01287587	0.00019414	1.37676133	0.00517818	1.6949E-05
77925and52111@56.asc	0.00325013	4.1173E-05	1.43621828	0.00432308	1.5948E-05
77925and52111@57.asc	0.00371211	7.0531E-05	1.38467827	0.00565049	2.0407E-05
77925and52111@58.asc	0.00512682	0.00069966	1.41785107	0.00477563	2.198E-05
77925and52111@59.asc	0.01026646	0.00013829	1.42552818	0.00364933	1.9807E-05
77925and52111@60.asc	0.00798319	0.00028255	1.3763375	0.00585048	1.7842E-05
77925and52111@61.asc	0.01216735	0.00064197	1.40446705	0.00491909	2.5227E-05
77925and52111@62.asc	0.00609068	0.00025685	1.4226117	0.00454061	2.0484E-05
77925and52111@63.asc	0.00461496	8.9726E-05	1.41990333	0.00379678	1.4804E-05
77925and52111@64.asc	0.00445394	8.4776E-05	1.46483037	0.00604931	1.8178E-05
77925and52111@65.asc	0.01115891	0.00035746	1.42526198	0.00345531	2.4152E-05
77925and52111@66.asc	0.00379775	4.7142E-05	1.45264738	0.00418342	3.0675E-05
77925and52111@67.asc	0.27325335	0.00286211	1.41573959	0.00441152	1.8365E-05
77925and52111@68.asc	0.00784411	0.00011957	1.36623758	0.00616303	1.3465E-05
77925and52111@69.asc	0.00348939	4.3284E-05	1.36598567	0.00277678	1.4562E-05
77925and52111@72.asc	0.0461712	0.00449999	1.36175658	0.00360242	0.00012527
77925and52111@73.asc	0.00412206	6.6988E-05	1.38975447	0.00248706	1.0046E-05
77920and77930@37.asc	0.0066517	0.00074426	0.0012938	0.00063619	3.762E-05
77920and77930@38.asc	0.01389717	7.6715E-05	0.00052153	2.3859E-05	2.2007E-05
77920and77930@39.asc	0.00509298	6.1866E-05	0.00047156	2.2372E-05	2.6191E-05
77920and77930@40.asc	0.00437358	8.577E-05	0.0021064	8.4913E-05	2.7996E-05
77920and77930@41.asc	0.00318236	2.9596E-05	0.00044615	2.3734E-05	2.6892E-05
77920and77930@42.asc	0.00440631	5.2892E-05	0.00042472	1.027E-05	2.6057E-05
77920and77930@43.asc	0.00511025	6.2504E-05	0.00044842	2.3033E-05	3.1114E-05
77920and77930@44.asc	0.02402021	0.00027487	0.00242748	4.1966E-05	3.8639E-05
77920and77930@47.asc	0.00395234	6.6527E-05	0.00050866	2.0624E-05	2.8893E-05
77920and77930@48.asc	0.00549104	7.6918E-05	0.00059672	3.6834E-05	2.4406E-05

77920and77930@49.asc	0.00388164	7.1816E-05	0.00047584	2.2664E-05	3.2947E-05
77920and77930@50.asc	0.00352515	5.1579E-05	0.00047511	2.7268E-05	2.4937E-05
77920and77930@51.asc	0.00286901	4.7862E-05	0.00047622	1.5995E-05	2.3041E-05
77920and77930@53.asc	0.00544207	6.8957E-05	0.00045725	9.1767E-06	2.6836E-05
77920and77930@54.asc	0.00417823	6.5322E-05	0.00039733	1.9084E-05	2.5704E-05
77920and77930@55.asc	0.00350242	5.0873E-05	0.00043529	1.8473E-05	2.773E-05
77920and77930@56.asc	0.00324961	4.1404E-05	0.00044835	1.8855E-05	2.6478E-05
77920and77930@57.asc	0.00587208	0.00010495	0.00053553	2.0879E-05	3.0129E-05
77920and77930@58.asc	0.00354098	3.6697E-05	0.0005407	2.9374E-05	2.1619E-05
77920and77930@59.asc	0.00280634	4.2161E-05	0.00097077	2.744E-05	2.739E-05
77920and77930@60.asc	0.00265526	3.9046E-05	0.00102279	2.8711E-05	2.6074E-05
77932and77980@1.asc	0.00550604	6.568E-05	0.00051921	2.4913E-05	3.3138E-05
77932and77980@2.asc	0.00562122	5.3067E-05	0.00057445	1.429E-05	3.5385E-05
77932and77980@3.asc	0.00533957	7.9357E-05	0.00052243	2.1149E-05	3.7508E-05
77932and77980@4.asc	0.00904269	0.00016292	0.00061136	2.1397E-05	3.4793E-05
77932and77980@5.asc	0.00548951	9.6039E-05	0.00058484	3.6865E-05	3.5625E-05
77932and77980@6.asc	0.00693016	0.00015575	0.00060048	2.3761E-05	3.771E-05
77932and77980@7.asc	0.00723583	0.0001519	0.00066989	3.0441E-05	4.2496E-05
77932and77980@8.asc	0.99932635	0.0037449	0.00635253	8.3277E-05	3.683E-05
77932and77980@10.asc	0.0041763	7.3059E-05	0.00054665	1.9614E-05	3.5261E-05
77932and77980@11.asc	0.00589342	6.9579E-05	0.00058156	1.9111E-05	3.9269E-05
77932and77980@12.asc	0.00381091	3.7813E-05	0.00055579	3.1634E-05	3.9408E-05
77932and77980@13.asc	0.00534183	7.7605E-05	0.0005159	2.0064E-05	3.1803E-05
77932and77980@14.asc	0.00783212	0.00023255	0.00055311	3.1565E-05	2.4723E-05
77932and77980@15.asc	0.0087552	0.00032562	0.00060886	1.7426E-05	3.0666E-05
77932and77980@16.asc	0.00903777	0.00027342	0.00063463	2.2716E-05	3.1107E-05
77932and77980@17.asc	0.00805273	9.4911E-05	0.00059286	2.7107E-05	3.3514E-05
77932and77980@18.asc	0.0070252	0.00014639	0.0006803	3.1644E-05	2.9712E-05
77932and77980@19.asc	0.01338367	0.00043904	0.0010024	4.8862E-05	4.5553E-05
77932and77980@20.asc	0.01488219	0.00012793	0.00063945	2.4705E-05	2.7239E-05
77932and77980@21.asc	0.00573094	6.5419E-05	0.00054141	1.2647E-05	2.4897E-05
77932and77980@22.asc	0.00618857	7.6982E-05	0.0005614	1.8822E-05	3.0411E-05
77932and77980@23.asc	0.00915006	0.00011925	0.00064617	2.8704E-05	2.7317E-05
77932and77980@24.asc	0.0056166	9.0888E-05	0.00051601	2.655E-05	2.57E-05
77932and77980@25.asc	0.00477805	8.0837E-05	0.00052208	1.9891E-05	2.7768E-05
77932and77980@26.asc	0.00753468	0.00022561	0.0005594	2.3986E-05	3.7474E-05
77932and77980@27.asc	0.06387353	0.00298501	0.00081003	4.5136E-05	0.00031499
77932and77980@28.asc	0.00405066	6.915E-05	0.00053125	2.0003E-05	2.9273E-05
77932and77980@29.asc	0.01201024	0.00012088	0.00064701	2.1467E-05	3.4699E-05
77932and77980@30.asc	0.06314073	0.0003596	0.0008739	2.5436E-05	3.2221E-05
77932and77980@31.asc	0.00793404	0.0003722	0.00084413	6.8123E-05	3.5339E-05
77932and77980@32.asc	0.01687107	0.00043911	0.0006836	2.4296E-05	7.3325E-05

77932and77980@33.asc	0.00872829	0.00016594	0.00066732	1.9389E-05	3.0863E-05
77932and77980@34.asc	0.01313384	0.00013599	0.00072335	3.0822E-05	4.4387E-05
77932and77980@36.asc	50.0010016	0.18079175	0.37590187	0.00090831	0.00016276
77932and77980@39.asc	0.01223155	0.00035961	0.00060004	3.0778E-05	1.9039E-05
77932and77980@40.asc	0.00556825	8.1897E-05	0.00053366	2.9827E-05	2.4154E-05
77932and77980@41.asc	0.00500959	4.3124E-05	0.00051064	1.6705E-05	2.7012E-05
77932and77980@42.asc	0.00601478	8.9576E-05	0.00055106	3.3878E-05	2.2618E-05
77932and77980@43.asc	0.00722057	4.5234E-05	0.00047739	2.203E-05	2.2118E-05
77932and77980@44.asc	0.00526902	5.9066E-05	0.00053936	2.1468E-05	2.0611E-05
77932and77980@45.asc	0.00531223	5.9517E-05	0.00054643	2.1845E-05	1.9428E-05
77932and77980@46.asc	0.00613138	0.00010046	0.00054928	1.7876E-05	2.4089E-05
77932and77980@47.asc	0.00501578	5.5534E-05	0.000519	1.9576E-05	1.9396E-05
77932and77980@48.asc	0.00501432	5.9654E-05	0.00056053	2.2922E-05	2.0426E-05
77932and77980@49.asc	0.00522621	6.3639E-05	0.00059117	1.9302E-05	1.7982E-05
77932and77980@50.asc	0.0052136	7.3061E-05	0.00052116	2.1671E-05	1.5977E-05
77932and77980@51.asc	0.00930573	0.00036653	0.0005855	2.6479E-05	1.5933E-05
77932and77980@52.asc	0.00618239	7.1553E-05	0.00051396	2.0893E-05	1.5182E-05
77932and77980@53.asc	0.00560752	5.3678E-05	0.00055321	1.8656E-05	2.0261E-05
77932and77980@54.asc	0.00475716	7.4903E-05	0.00055302	2.1309E-05	1.6774E-05
77932and77980@55.asc	0.0057018	5.5619E-05	0.00060583	1.7144E-05	2.9858E-05
77932and77980@56.asc	0.00553888	7.0753E-05	0.00053461	2.178E-05	2.746E-05
77932and77980@57.asc	0.00523485	5.6501E-05	0.00055342	2.1544E-05	2.516E-05
77932and77980@58.asc	0.00525227	6.1198E-05	0.00055792	2.6644E-05	2.4293E-05
77932and77980@59.asc	0.00541304	5.7393E-05	0.00055286	2.0326E-05	2.0297E-05
77932and77980@61.asc	0.00516842	6.797E-05	0.00054286	3.2021E-05	2.1445E-05
77932and77980@62.asc	0.00867304	0.00016434	0.00053125	1.9853E-05	2.3228E-05
77932and77980@63.asc	0.00716822	0.00022372	0.00061602	3.3566E-05	1.4188E-05
77932and77980@64.asc	0.00490467	8.1658E-05	0.0005479	1.6011E-05	1.2023E-05
77932and77980@65.asc	0.0052756	0.00010249	0.00055385	2.594E-05	2.2858E-05
77932and77980@66.asc	0.00482336	3.9186E-05	0.00053799	1.8934E-05	1.8357E-05
77932and77980@67.asc	0.00610462	6.6343E-05	0.0005381	2.2471E-05	1.7511E-05
77932and77980@68.asc	0.00638118	7.0724E-05	0.00056462	1.8857E-05	2.5454E-05
77932and77980@69.asc	0.00846225	9.0892E-05	0.00054231	2.6355E-05	2.3446E-05
77932and77980@70.asc	0.00558894	5.3315E-05	0.00053414	2.6198E-05	2.1064E-05
77932and77980@71.asc	0.00523318	5.585E-05	0.00056264	1.6343E-05	2.0273E-05
77932and77980@72.asc	0.0057458	5.3295E-05	0.00059859	2.7617E-05	2.5608E-05
77932and77980@73.asc	0.00881817	9.6447E-05	0.00057079	2.3258E-05	2.5246E-05
77932and77980@74.asc	8.52489907	0.09927815	0.04163371	0.00063535	4.2434E-05
77932and77980@75.asc	0.00557242	6.4491E-05	0.00056587	1.2406E-05	2.4672E-05
77932and77980@76.asc	0.00786965	0.00011985	0.00057257	2.2409E-05	2.2927E-05
77982 test spot	7.61769947	0.05383354	0.03435439	0.00067933	4.1849E-05
77982and52618@1.asc	0.00985777	0.00018012	0.0007854	2.3445E-05	3.2503E-05

77982and52618@2.asc	0.00615448	0.00011398	0.00060937	2.6924E-05	3.0804E-05
77982and52618@3.asc	0.00681648	0.00028101	0.0005726	2.1454E-05	2.697E-05
77982and52618@4.asc	0.02738608	0.00058755	0.00109241	4.5217E-05	0.00012991
77982and52618@5.asc	0.05375036	0.00138934	0.00106691	3.1673E-05	0.00015356
77982and52618@6.asc	0.00947108	0.00015847	0.00064944	2.1598E-05	3.0465E-05
77982and52618@7.asc	0.00528568	7.4608E-05	0.00057002	2.4615E-05	2.3673E-05
77982and52618@8.asc	0.00637549	7.9715E-05	0.00057641	2.1032E-05	2.3498E-05
77982and52618@9.asc	0.00413698	4.584E-05	0.00054064	2.0703E-05	2.0854E-05
77982and52618@10.asc	0.00599022	5.8657E-05	0.00054236	1.7618E-05	2.1049E-05
77982and52618@11.asc	0.00567048	6.1357E-05	0.00055774	2.1739E-05	2.4432E-05
77982and52618@12.asc	0.00377517	5.2785E-05	0.00055369	2.5869E-05	2.2295E-05
ST12Civ@1.asc	0.01012095	0.00014531	0.00063731	1.2177E-05	3.0605E-05
ST12Civ@2.asc	0.01951327	0.00031977	0.0007056	1.6296E-05	5.3112E-05
ST12Civ@3.asc	0.0104869	0.0004263	0.00063402	2.3745E-05	4.7175E-05
ST12Civ@4.asc	0.00559243	0.00010497	0.00048352	2.2275E-05	2.653E-05
ST12Civ@5.asc	0.00587366	3.5621E-05	0.00049104	1.3646E-05	2.6759E-05
ST12Civ@6.asc	0.00658897	0.00017127	0.00052997	1.8693E-05	2.7872E-05
ST12Civ@7.asc	0.00562052	0.0001043	0.00051528	1.6829E-05	2.5961E-05
ST12Civ@8.asc	0.00590843	0.0002757	0.00050961	1.5779E-05	2.3271E-05
ST12Civ@9.asc	0.01734436	0.00185959	0.00059099	1.2922E-05	3.3414E-05
ST12Civ@10.asc	0.00387593	5.609E-05	0.00049854	2.1585E-05	1.3899E-05
ST12Civ@11.asc	0.00445075	5.0865E-05	0.00048578	1.994E-05	1.428E-05
ST12Civ@12.asc	0.00504997	4.8523E-05	0.00053101	3.0019E-05	1.666E-05
ST12Civ@13.asc	0.0050459	4.618E-05	0.00046653	1.6119E-05	2.1452E-05
ST12Civ@14.asc	0.0051806	6.2161E-05	0.00048363	2.4243E-05	2.0035E-05
ST12Civ@15.asc	0.01221162	0.00082948	0.00083526	7.9584E-05	3.6314E-05
ST12Civ@16.asc	0.00541589	4.7656E-05	0.00049882	1.5533E-05	2.3164E-05
ST12Civ@17.asc	0.00822815	0.00010585	0.00050212	1.2082E-05	2.5358E-05
ST12Civ@18.asc	0.00714	0.00013204	0.00048152	1.5946E-05	2.8926E-05
ST12Civ@19.asc	0.00421601	2.6554E-05	0.00047331	1.4909E-05	1.1322E-05
ST12Civ@20.asc	0.01119074	0.00021423	0.00078949	2.7535E-05	0.00011463
ST12Civ@21.asc	0.01047111	7.7186E-05	0.0005187	2.1013E-05	2.2246E-05
ST12Civ@22.asc	0.00436615	5.8416E-05	0.00047056	1.8852E-05	2.2312E-05
ST12Civ@23.asc	0.00798092	0.00021379	0.00059139	1.8791E-05	3.0668E-05
ST12Civ@24.asc	0.00505257	2.9888E-05	0.00050672	1.6003E-05	2.4557E-05
ST12Civ@25.asc	0.00470526	5.6876E-05	0.00043215	1.2058E-05	2.8018E-05
ST12Civ@26.asc	0.15414627	0.00710515	0.00051306	2.7962E-05	2.856E-05
ST12Civ@27.asc	0.00406613	5.0454E-05	0.00047471	1.8911E-05	8.5281E-06
ST12Civ@28.asc	0.00697668	9.2981E-05	0.00051711	1.7432E-05	1.1083E-05
ST12Civ@31.asc	0.01313534	0.00021546	0.00049197	1.5354E-05	1.6644E-05
ST12Civ@32.asc	0.00492895	0.0002441	0.00052225	1.2598E-05	2.0387E-05
ST12Civ@33.asc	0.00563008	7.3472E-05	0.00043637	2.4474E-05	2.4749E-05

ST12Civ@34.asc	0.00934088	0.00069869	0.00060161	3.8778E-05	5.1995E-05
ST12Civ@36.asc	0.00341325	4.8186E-05	0.00049459	1.6781E-05	7.2707E-06
ST12Civ@37.asc	0.00513231	0.00013915	0.0004563	1.3975E-05	1.017E-05
ST12Civ@38.asc	0.0059369	3.6761E-05	0.0004995	1.5946E-05	7.8972E-06
ST12Civ@39.asc	0.00365786	7.056E-05	0.00046104	1.5487E-05	6.804E-06
ST12Civ@40.asc	0.00674637	0.00010019	0.00052204	1.7322E-05	4.4854E-06
ST12Civ@42.asc	0.00797529	7.3398E-05	0.00049663	1.65E-05	2.1983E-05
ST12Civ@43.asc	0.03608708	0.00154724	0.00189408	6.8937E-05	0.00018818
ST12Civ@44.asc	0.00487687	6.3567E-05	0.00047103	1.5981E-05	3.1232E-05
ST12Civ@45.asc	0.00936138	0.00035421	0.00068484	3.4047E-05	6.6782E-05
ST12Civ@46.asc	0.00569495	7.7921E-05	0.00047313	1.6207E-05	2.1854E-05
ST12Civ@47.asc	0.00448338	5.067E-05	0.00049746	2.5921E-05	2.721E-05
ST12Civ@48.asc	0.00357139	5.3332E-05	0.0004161	4.9082E-05	2.7422E-05
ST12Civ@49.asc	0.00969417	0.00015458	0.00051596	2.5737E-05	1.6783E-05
ST12Civ@50.asc	0.00332843	4.0686E-05	0.0004714	1.4024E-05	2.4051E-05
ST12Civ@51.asc	0.0055491	5.3493E-05	0.00048883	2.1295E-05	1.989E-05
ST12Civ@52.asc	0.00702935	0.00020297	0.00048287	2.0615E-05	1.4995E-05
ST12Civ@53.asc	0.01396169	0.00203233	0.00064189	3.4548E-05	5.9555E-05
ST12Civ@54.asc	0.00849416	0.00035576	0.00056322	2.7147E-05	5.4974E-05
ST12Civ@55.asc	0.01594541	0.00122214	0.00064154	3.9264E-05	0.00011656
ST12Civ@56.asc	0.00952296	8.2262E-05	0.00051044	2.0632E-05	2.7419E-05
ST12Civ@57.asc	0.0068945	5.6931E-05	0.0005119	1.9698E-05	2.0982E-05
ST12Civ@58.asc	0.00438871	3.7574E-05	0.00046233	1.6305E-05	1.8852E-05
ST12Civ@59.asc	0.00652374	0.00011603	0.00048864	2.7182E-05	2.4118E-05
ST12Civ@60.asc	0.00605428	0.000112	0.00048797	2.737E-05	1.2533E-05
ST12Civ@61.asc	0.00651774	8.1369E-05	0.00044178	1.7182E-05	2.0214E-05
ST12Civ@62.asc	0.00751448	0.00021939	0.00060119	4.0544E-05	3.0192E-05
ST12Civ@63.asc	0.00470608	4.413E-05	0.00044093	2.1813E-05	1.7954E-05
ST12Civ@64.asc	0.00488106	7.5211E-05	0.00046239	1.6348E-05	2.7346E-05
ST12Civ@65.asc	0.00899751	0.00015755	0.00053113	1.6886E-05	2.2775E-05
ST12Civ@66.asc	0.01889073	0.01250474	0.00046119	5.3321E-05	3.2114E-05
ST12Civ@67.asc	0.00580882	8.2465E-05	0.00044026	2.5162E-05	2.7807E-05
ST12Civ@68.asc	0.00503249	5.3029E-05	0.00046838	2.0466E-05	2.6669E-05
ST12Civ@69.asc	0.00626226	8.737E-05	0.00046643	1.0413E-05	2.8795E-05
ST12Civ@70.asc	0.0053906	7.9862E-05	0.00049012	1.5657E-05	2.9656E-05
ST12Civ@71.asc	0.0050099	7.183E-05	0.00044294	1.159E-05	2.8279E-05
ST12Civ@72.asc	0.00533753	4.1798E-05	0.00052269	1.1393E-05	3.0005E-05
ST12Civ@73.asc	0.0045164	6.7207E-05	0.0004671	2.4088E-05	3.0115E-05
ST12Civ@74.asc	0.00447608	4.8305E-05	0.00049192	3.2137E-05	2.6568E-05
ST12Civ@75.asc	0.0044235	4.6291E-05	0.00050752	2.2335E-05	2.6736E-05
ST12Civ@76.asc	0.00530638	6.2531E-05	0.00126681	0.00036046	2.6278E-05
ST12Civ@77.asc	0.00704342	0.0001726	0.00057428	3.6472E-05	2.9331E-05

ST12Civ@78.asc	0.00503809	5.9754E-05	0.00049039	2.1184E-05	2.7103E-05
ST12Civ@79.asc	0.00561877	6.052E-05	0.00047833	2.5161E-05	2.804E-05
ST12Civ@80.asc	0.00463908	4.5127E-05	0.00047109	2.2191E-05	2.8739E-05
ST12Civ@81.asc	0.00333918	5.8819E-05	0.00040667	2.4335E-05	2.963E-05
ST12Civ@82.asc	0.00495314	5.0627E-05	0.00045461	3.6678E-05	2.4458E-05
ST12Civ@83.asc	0.00575455	0.00013284	0.00072742	7.1296E-05	2.527E-05
ST12Civ@85.asc	0.00496945	3.8373E-05	0.00047061	3.2655E-05	2.4791E-05
ST12Civ@86.asc	0.00309668	4.8625E-05	0.00044502	7.8582E-06	2.2542E-05
ST12Civ@87.asc	0.00475415	3.76E-05	0.00048731	1.8289E-05	2.4023E-05
ST12Civ@88.asc	0.00456605	6.9912E-05	0.00049774	1.7099E-05	2.4155E-05
ST12Civ@89.asc	0.01047044	0.00018736	0.0006109	2.3317E-05	2.5466E-05
ST12Civ@90.asc	0.00639134	5.1582E-05	0.00048419	2.671E-05	5.4835E-06
ST12Civ@91.asc	0.00559212	0.0001003	0.00049391	2.228E-05	5.3292E-06
ST12Civ@92.asc	0.02044516	0.00259126	0.0008534	3.9981E-05	4.9764E-05
ST12Civ@93.asc	0.00541614	6.4608E-05	0.00048596	2.3426E-05	1.8146E-05
ST12Civ@95.asc	0.01842953	0.00042795	0.00055326	2.5139E-05	3.91E-05
ST12Civ@96.asc	0.00458218	5.9394E-05	0.00064454	3.4637E-05	3.0948E-05
ST12Civ@97.asc	0.00757866	0.00016917	0.00067122	6.8048E-05	3.7076E-05
ST12Civ@98.asc	0.00429651	2.9911E-05	0.00049272	2.4484E-05	1.2925E-05
ST12Civ@99.asc	0.00318667	4.4767E-05	0.00048216	2.8047E-05	1.4291E-05
ST12Civ@100.asc	0.00586965	6.6391E-05	0.00051704	2.5101E-05	1.4853E-05
ST12Civ@101.asc	0.01040755	0.00021411	0.00051552	2.8646E-05	6.5924E-06
ST12Civ@102.asc	0.00420485	8.3408E-05	0.00051837	4.1933E-05	3.2008E-05
ST12Civ@103.asc	0.00439916	9.6457E-05	0.00047225	2.2622E-05	2.9681E-05
ST12Civ@104.asc	0.00665677	7.2168E-05	0.0004773	2.3155E-05	2.8697E-05
ST12Civ@105.asc	0.00356809	6.6058E-05	0.00047662	1.8207E-05	3.1257E-05
ST12Civ@106.asc	0.00475381	5.8987E-05	0.00042335	2.5144E-05	2.5019E-05
ST12Civ@107.asc	0.00491215	7.5092E-05	0.00041926	2.5594E-05	2.9076E-05
ST12Civ@108.asc	0.00866712	0.00011305	0.00051408	2.8112E-05	2.7185E-05
ST12Civ@109.asc	0.00630084	0.00012622	0.00035823	2.6152E-05	3.151E-05
ST12Civ@110.asc	0.0051549	5.3263E-05	0.00039591	1.3816E-05	2.8715E-05
ST12Civ@111.asc	0.0033184	5.6196E-05	0.00037144	1.515E-05	2.5388E-05
ST12Civ@112.asc	0.0046603	8.1258E-05	0.00042235	2.7625E-05	2.591E-05
ST12Civ@113.asc	0.00409119	5.0594E-05	0.00036044	1.5443E-05	2.727E-05
ST12Civ@114.asc	0.00420755	4.197E-05	0.00040233	1.6755E-05	2.5601E-05
ST12Civ@115.asc	0.00534038	6.7733E-05	0.00042784	2.2124E-05	2.6035E-05
ST12Civ@116.asc	0.00543678	6.706E-05	0.0004399	3.0754E-05	2.5062E-05
ST12Civ@117.asc	0.00381557	5.9124E-05	0.00040131	2.3154E-05	2.2252E-05
ST12Civ@118.asc	0.00443697	5.7621E-05	0.00045773	2.6499E-05	2.5932E-05
ST12Civ@119.asc	0.00505426	8.6058E-05	0.00045915	2.9188E-05	2.7618E-05
ST12Civ@120.asc	0.00595842	5.9176E-05	0.00046232	2.1987E-05	2.8194E-05
ST12Civ@121.asc	0.00678995	0.00021651	0.0004901	3.8426E-05	2.853E-05

ST12Civ@122.asc	0.00397837	6.2288E-05	0.00044089	4.15E-05	2.3832E-05
ST12Civ@123.asc	0.00382942	5.9787E-05	0.00047758	2.7192E-05	2.0228E-05
ST12Civ@124.asc	0.0052688	8.4551E-05	0.00052032	4.7395E-05	2.5085E-05
ST12Civ@125.asc	0.008054	0.00037625	0.0007892	7.3718E-05	3.1089E-05
ST12Civ@126.asc	0.00504937	4.2514E-05	0.00045875	2.9782E-05	1.9768E-05
ST12Civ@127.asc	0.00529298	0.00012035	0.00041479	5.4762E-05	1.9626E-05
ST12Civ@130.asc	0.00483135	6.4413E-05	0.00050805	3.4192E-05	2.6272E-05

smean	49Ti/30Si	smean	56Fe/30Si	smean	Tiave	1sig
1.8242E-06	2.4312E-05	1.218E-06	NA	NA	3.61	0.14
1.6039E-06	2.2619E-05	1.4891E-06	NA	NA	3.34	0.15
1.3151E-06	2.5169E-05	1.283E-06	NA	NA	3.37	0.13
1.4809E-06	2.1745E-05	1.7041E-06	NA	NA	2.92	0.15
9.6805E-07	2.0788E-05	1.0005E-06	NA	NA	3.01	0.10
1.9582E-06	2.1024E-05	1.3658E-06	NA	NA	3.08	0.15
1.5493E-06	1.7937E-05	1.5958E-06	NA	NA	2.71	0.15
1.3921E-06	1.4473E-05	7.1589E-07	NA	NA	2.16	0.10
9.5178E-07	1.9099E-05	1.2553E-06	NA	NA	2.61	0.11
1.1601E-06	2.1012E-05	1.5408E-06	NA	NA	3.07	0.14
5.6765E-07	5.9614E-06	4.0173E-07	NA	NA	0.87	0.04
1.0033E-06	9.6034E-06	8.6725E-07	NA	NA	1.35	0.08
1.6232E-06	1.2669E-05	1.0602E-06	NA	NA	1.77	0.12
9.2915E-07	1.2679E-05	1.1337E-06	NA	NA	1.78	0.10
1.748E-06	1.5976E-05	8.1344E-07	NA	NA	2.18	0.11
1.1653E-06	1.6573E-05	1.219E-06	NA	NA	2.60	0.12
7.6536E-07	8.6479E-06	8.4821E-07	NA	NA	1.22	0.08
7.9167E-07	8.5826E-06	7.9921E-07	NA	NA	1.17	0.07
8.4264E-07	1.2688E-05	9.906E-07	NA	NA	1.81	0.09
1.6854E-06	1.9382E-05	1.4253E-06	NA	NA	2.77	0.14
1.7587E-06	2.2599E-05	1.5811E-06	NA	NA	3.05	0.15
1.6806E-06	2.0184E-05	1.3558E-06	NA	NA	2.70	0.14
1.5814E-06	2.0121E-05	1.2479E-06	NA	NA	2.87	0.13
7.1665E-07	1.7903E-05	1.2258E-06	NA	NA	2.39	0.10
1.4406E-06	1.9049E-05	1.1057E-06	NA	NA	2.52	0.12
1.5101E-06	1.5531E-05	1.5405E-06	NA	NA	2.25	0.14
1.4763E-06	1.7107E-05	1.3143E-06	NA	NA	2.36	0.13
5.2767E-06	1.964E-05	2.7314E-06	NA	NA	3.00	0.34
1.3208E-06	1.4421E-05	7.4531E-07	NA	NA	2.12	0.09
1.387E-06	1.3586E-05	1.2021E-06	NA	NA	2.11	0.12
1.5747E-06	2.0698E-05	1.4335E-06	NA	NA	3.09	0.14
1.343E-06	1.6602E-05	1.4019E-06	NA	NA	2.17	0.13
2.0452E-06	3.0603E-05	2.3123E-06	NA	NA	4.26	0.21
1.1423E-06	1.9565E-05	2.0589E-06	NA	NA	2.84	0.17
1.533E-06	2.0434E-05	5.879E-07	NA	NA	2.94	0.10
9.6234E-07	1.8424E-05	1.5766E-06	NA	NA	2.68	0.13
2.1182E-06	3.2697E-05	1.4082E-06	NA	NA	4.23	0.17
1.2895E-06	2.156E-05	1.4829E-06	NA	NA	3.09	0.14
8.9951E-07	2.1339E-05	1.0418E-06	NA	NA	3.00	0.10

1.15E-06	1.2093E-05	9.9586E-07	NA	NA	1.60	0.10
1.0293E-06	1.8944E-05	1.2473E-06	NA	NA	2.60	0.11
1.3128E-06	2.5289E-05	1.4863E-06	NA	NA	3.54	0.14
1.6359E-06	2.4792E-05	1.3928E-06	NA	NA	3.40	0.14
1.9252E-06	2.361E-05	1.5301E-06	NA	NA	3.24	0.16
9.9332E-07	1.3684E-05	8.9819E-07	NA	NA	2.19	0.09
1.6804E-06	1.9541E-05	1.0827E-06	NA	NA	2.80	0.13
2.0271E-05	8.72E-05	1.4246E-05	NA	NA	12.75	1.47
1.9571E-06	2.0012E-05	1.0672E-06	NA	NA	2.88	0.14
1.4868E-06	1.599E-05	1.2799E-06	NA	NA	2.31	0.13
1.378E-06	2.1515E-05	1.069E-06	NA	NA	2.99	0.12
7.1866E-05	0.00142392	4.0511E-05	NA	NA	202.91	5.92
3.536E-06	4.9638E-05	2.6743E-06	NA	NA	6.81	0.29
1.5024E-06	1.9605E-05	1.1068E-06	NA	NA	2.78	0.12
1.8344E-06	2.1457E-05	1.0275E-06	NA	NA	3.00	0.13
2.5377E-06	2.72E-05	1.5635E-06	NA	NA	3.75	0.18
1.259E-06	2.2325E-05	1.3824E-06	NA	NA	3.05	0.13
1.0455E-06	1.6848E-05	1.2181E-06	NA	NA	2.36	0.11
4.8888E-07	1.5973E-05	8.1827E-07	NA	NA	1.99	0.07
5.3546E-05	0.00185322	4.2262E-05	NA	NA	262.45	6.21
1.6093E-06	1.2771E-05	9.6072E-07	NA	NA	1.96	0.11
5.1434E-06	3.7842E-05	4.2142E-06	NA	NA	5.27	0.41
9.4119E-07	6.3261E-06	6.2909E-07	NA	NA	0.94	0.07
1.3035E-06	1.6254E-05	1.4531E-06	NA	NA	2.43	0.13
1.4839E-06	2.4849E-05	1.3117E-06	NA	NA	3.49	0.14
1.5304E-06	2.5275E-05	1.452E-06	NA	NA	3.61	0.14
1.358E-06	1.8104E-05	4.7583E-07	NA	NA	2.48	0.09
1.713E-06	1.9956E-05	1.4552E-06	NA	NA	2.80	0.14
9.4873E-07	1.7984E-05	1.4798E-06	NA	NA	2.48	0.12
9.2859E-07	1.879E-05	1.1955E-06	NA	NA	2.79	0.11
1.3243E-06	2.174E-05	1.2253E-06	NA	NA	2.83	0.12
1.2381E-06	1.9504E-05	1.3303E-06	NA	NA	2.59	0.12
2.8546E-06	1.8307E-05	1.8496E-06	NA	NA	2.73	0.20
1.0898E-06	8.3578E-06	6.4167E-07	NA	NA	1.16	0.08
5.0839E-07	1.5222E-05	1.0018E-06	NA	NA	2.09	0.08
1.2202E-06	1.2567E-05	1.1446E-06	NA	NA	1.72	0.11
1.0116E-06	1.0756E-05	9.1867E-07	NA	NA	1.44	0.09
8.3779E-07	1.5515E-05	1.0159E-06	NA	NA	2.18	0.09
6.3129E-07	1.3646E-05	1.262E-06	NA	NA	1.77	0.10
1.5847E-06	1.5721E-05	1.0857E-06	NA	NA	2.28	0.12
1.4207E-06	2.5263E-05	1.8278E-06	NA	NA	3.55	0.16
1.6475E-06	1.7436E-05	1.3866E-06	NA	NA	2.41	0.14

6.3324E-07	7.2451E-06	5.818E-07	NA	NA	1.01	0.06
1.1197E-06	6.3083E-06	8.0656E-07	NA	NA	1.02	0.08
2.3677E-06	2.1098E-05	1.4229E-06	NA	NA	2.70	0.17
2.1151E-06	2.4036E-05	1.8093E-06	NA	NA	3.30	0.18
1.3135E-06	2.2318E-05	1.3178E-06	NA	NA	3.16	0.13
8.1838E-07	1.9144E-05	1.5972E-06	NA	NA	2.90	0.13
1.0819E-06	1.9034E-05	1.2267E-06	NA	NA	2.69	0.11
1.2419E-06	2.2559E-05	1.1898E-06	NA	NA	3.15	0.12
1.4037E-06	2.3246E-05	1.4379E-06	NA	NA	3.14	0.14
1.0604E-06	1.4084E-05	1.1702E-06	NA	NA	2.04	0.11
1.2508E-06	2.3192E-05	1.4663E-06	NA	NA	3.29	0.14
1.4384E-06	2.1213E-05	1.4114E-06	NA	NA	3.25	0.14
1.4765E-06	1.7068E-05	9.2384E-07	NA	NA	2.65	0.11
1.6956E-06	1.4406E-05	1.2531E-06	NA	NA	2.09	0.13
1.7637E-06	2.3778E-05	9.25E-07	NA	NA	3.23	0.13
2.0189E-06	2.2572E-05	1.7487E-06	NA	NA	3.20	0.17
2.2623E-06	2.0975E-05	1.5008E-06	NA	NA	2.82	0.17
1.5293E-06	1.9277E-05	1.1918E-06	NA	NA	3.03	0.13
1.1368E-06	1.3766E-05	7.0985E-07	NA	NA	2.00	0.09
1.4098E-06	1.3669E-05	8.6537E-07	NA	NA	1.98	0.10
1.3735E-06	1.4377E-05	1.0137E-06	NA	NA	2.11	0.11
1.3096E-06	1.7672E-05	1.2981E-06	NA	NA	2.50	0.12
9.1158E-07	1.5985E-05	1.1605E-06	NA	NA	2.14	0.10
8.9019E-07	4.9244E-06	8.0681E-07	NA	NA	0.66	0.07
1.5925E-06	2.232E-05	7.0113E-07	NA	NA	2.95	0.11
1.5798E-05	2.8334E-05	1.0937E-05	NA	NA	4.32	1.13
5.7603E-07	4.4106E-06	7.1212E-07	NA	NA	0.54	0.06
2.0567E-06	1.2118E-05	8.8893E-07	NA	NA	1.60	0.13
7.6945E-07	4.4389E-06	5.2329E-07	NA	NA	0.56	0.06
9.5629E-07	8.4292E-06	7.3719E-07	NA	NA	1.16	0.07
1.8895E-06	2.3928E-05	1.1478E-06	NA	NA	2.96	0.14
1.9849E-06	2.2038E-05	1.8736E-06	NA	NA	3.02	0.18
1.7197E-06	2.4204E-05	1.669E-06	NA	NA	3.43	0.16
1.2946E-06	2.3645E-05	2.4612E-06	NA	NA	3.11	0.19
9.6087E-07	1.4139E-05	9.3866E-07	NA	NA	2.09	0.09
1.115E-06	1.1671E-05	1.0738E-06	NA	NA	1.60	0.10
5.1321E-07	9.07E-06	1.3737E-06	NA	NA	1.48	0.10
1.4595E-06	1.4511E-05	1.1283E-06	NA	NA	2.07	0.12
1.0026E-06	1.0322E-05	6.325E-07	NA	NA	1.51	0.07
1.1123E-06	1.8941E-05	9.7986E-07	NA	NA	2.65	0.10
1.2994E-06	2.4688E-05	1.0436E-06	NA	NA	3.54	0.12
2.3809E-06	2.3393E-05	1.3607E-06	NA	NA	3.25	0.17

9.5704E-07	2.2406E-05	1.392E-06	NA	NA	3.02	0.12
1.0538E-06	1.8866E-05	9.3595E-07	NA	NA	2.75	0.10
1.3897E-06	2.0402E-05	1.3037E-06	NA	NA	2.84	0.13
7.5135E-07	1.0397E-05	9.2788E-07	NA	NA	1.41	0.08
1.4371E-06	1.4724E-05	8.8563E-07	NA	NA	2.23	0.10
1.3653E-06	1.8907E-05	7.8699E-07	NA	NA	2.88	0.10
1.5257E-06	1.9823E-05	9.7875E-07	NA	NA	2.79	0.12
1.2922E-06	1.8032E-05	1.2921E-06	NA	NA	2.52	0.12
1.1555E-06	2.1537E-05	1.1216E-06	NA	NA	2.73	0.11
1.7037E-06	1.5804E-05	8.3375E-07	NA	NA	2.24	0.11
1.4597E-06	2.4189E-05	1.3509E-06	NA	NA	3.18	0.13
1.9317E-06	2.7812E-05	1.8532E-06	NA	NA	3.81	0.18
3.5967E-06	9.2019E-05	2.3831E-06	NA	NA	12.75	0.34
1.0175E-06	2.3403E-05	1.2797E-06	NA	NA	3.45	0.12
8.83E-07	2.2279E-05	9.7601E-07	NA	NA	3.16	0.10
3.066E-06	0.00015146	4.6925E-06	NA	NA	21.39	0.53
1.1895E-06	2.0225E-05	8.2139E-07	NA	NA	2.73	0.10
8.8251E-07	1.5323E-05	1.0025E-06	NA	NA	2.13	0.09
1.9117E-06	1.8679E-05	1.1032E-06	NA	NA	2.54	0.13
1.4019E-05	5.9429E-05	9.4481E-06	NA	NA	8.15	1.00
1.8312E-06	1.9238E-05	1.1501E-06	NA	NA	2.65	0.13
1.3123E-06	1.6702E-05	9.4401E-07	NA	NA	2.41	0.10
1.1552E-06	1.4674E-05	1.1585E-06	NA	NA	2.13	0.11
1.5738E-06	1.5316E-05	1.1229E-06	NA	NA	2.20	0.12
9.8457E-07	9.931E-06	1.044E-06	NA	NA	1.37	0.09
1.114E-06	6.8815E-06	6.5457E-07	NA	NA	1.06	0.08
8.0958E-07	6.4243E-06	9.5903E-07	NA	NA	0.93	0.08
1.4994E-06	2.2311E-05	1.2691E-06	NA	NA	3.03	0.13
1.6344E-06	1.5294E-05	6.2381E-07	NA	NA	2.20	0.10
1.0984E-06	1.122E-05	9.4558E-07	NA	NA	1.64	0.09
1.4328E-06	1.5821E-05	1.1911E-06	NA	NA	2.25	0.12
1.4517E-06	1.2341E-05	9.0887E-07	NA	NA	1.79	0.10
1.2942E-06	1.37E-05	6.3317E-07	NA	NA	1.84	0.09
1.3237E-06	1.3638E-05	8.8688E-07	NA	NA	1.90	0.10
1.7532E-06	1.363E-05	1.4753E-06	NA	NA	2.09	0.14
1.5073E-06	1.6807E-05	9.6298E-07	NA	NA	2.35	0.11
9.3058E-07	1.5373E-05	9.102E-07	NA	NA	2.25	0.09
4.4647E-06	9.7751E-05	5.0865E-06	NA	NA	13.85	0.49
2.0861E-06	2.2583E-05	1.1792E-06	NA	NA	3.36	0.15
1.7622E-06	1.9701E-05	1.02E-06	NA	NA	2.77	0.13
1.114E-06	1.7665E-05	1.1672E-06	NA	NA	2.32	0.11
1.5507E-06	1.7823E-05	1.2439E-06	NA	NA	2.52	0.13

1.0015E-06	1.0932E-05	7.2656E-07	NA	NA	1.48	0.08
2.1112E-06	1.8021E-05	2.3038E-06	NA	NA	2.57	0.20
4.3682E-07	7.8354E-06	7.8148E-07	NA	NA	1.12	0.06
1.2481E-06	1.2408E-05	8.5548E-07	NA	NA	1.85	0.09
1.6797E-06	1.4897E-05	1.3023E-06	3.8463E-05	8.7081E-06	2.16	0.13
1.7567E-06	2.2929E-05	2.0566E-06	0.0010628	0.00012618	3.20	0.18
0.10032266	2.5074E-05	1.9788E-06	0.00028781	3.2243E-05	3.50	0.15
2.4343E-06	2.5708E-05	2.4988E-06	9.0283E-05	1.0764E-05	3.27	0.22
1.0846E-06	2.3182E-05	1.3313E-06	5.988E-05	8.5202E-06	3.10	0.12
1.291E-06	1.669E-05	1.5226E-06	8.1829E-05	1.4819E-05	2.27	0.13
2.4472E-06	1.9318E-05	1.1636E-06	0.0004319	7.8012E-05	2.67	0.16
1.293E-06	1.4572E-05	1.5968E-06	0.00012793	1.2036E-05	2.08	0.14
1.6052E-06	1.612E-05	1.2242E-06	5.0047E-05	9.4196E-06	2.29	0.13
1.8591E-06	1.4288E-05	1.1809E-06	3.1448E-05	6.7619E-06	1.98	0.13
1.7351E-06	1.6669E-05	8.9947E-07	4.5119E-05	8.1717E-06	2.52	0.12
2.2643E-06	2.0312E-05	1.8548E-06	2.7559E-05	6.4321E-06	2.69	0.18
1.474E-06	1.625E-05	1.7952E-06	2.9125E-05	5.5209E-06	2.38	0.15
1.9758E-06	1.9333E-05	1.5571E-06	5.0069E-05	8.1155E-06	2.62	0.16
1.6377E-06	1.8957E-05	1.7226E-06	3.2516E-05	5.6896E-06	2.72	0.16
2.977E-06	2.2095E-05	2.7411E-06	0.00042558	8.0646E-05	3.27	0.25
1.4748E-06	1.3608E-05	8.0651E-07	3.3358E-05	7.0552E-06	1.92	0.10
1.9415E-06	1.8204E-05	1.1197E-06	0.00093285	6.5185E-05	2.55	0.14
1.3663E-06	2.3085E-05	1.3833E-06	0.00011462	1.2281E-05	3.10	0.13
3.0499E-06	2.6195E-05	2.2916E-06	5.0923E-05	9.6817E-06	3.70	0.24
2.2553E-06	2.8691E-05	2.1513E-06	4.5735E-05	7.4908E-06	3.78	0.20
1.2053E-06	2.8141E-05	1.6444E-06	5.3695E-05	9.1685E-06	3.81	0.15
2.6948E-06	3.0812E-05	1.7168E-06	0.00017768	1.8809E-05	4.04	0.20
2.7164E-06	2.2381E-05	9.9672E-07	5.6146E-05	6.026E-06	3.17	0.17
2.1892E-06	2.1217E-05	9.5563E-07	4.4724E-05	9.0793E-06	2.98	0.14
1.2037E-06	2.3107E-05	1.8983E-06	4.4436E-05	7.5545E-06	3.15	0.16
1.2783E-06	2.3563E-05	1.9748E-06	0.00065566	6.8103E-05	3.62	0.17
3.0579E-06	2.3487E-05	1.8021E-06	0.00024221	2.5926E-05	3.22	0.21
1.7476E-06	1.6638E-05	1.5152E-06	7.4491E-05	1.0976E-05	2.26	0.15
1.0497E-06	1.061E-05	1.0731E-06	7.5386E-05	8.0551E-06	1.49	0.10
1.1793E-06	1.7486E-05	2.0085E-06	4.6212E-05	1.0223E-05	2.49	0.16
1.1175E-06	1.6073E-05	1.7776E-06	0.00039855	4.5121E-05	2.33	0.14
1.3057E-06	8.6835E-06	1.1995E-06	0.00020259	1.9075E-05	1.22	0.11
2.1953E-06	1.4133E-05	1.5088E-06	6.3748E-05	1.0116E-05	1.93	0.16
2.977E-06	2.8612E-05	3.323E-06	0.00140711	0.00016531	4.14	0.29
1.5226E-06	2.0482E-05	8.8614E-07	NA	NA	2.80	0.11
1.2641E-06	2.6981E-05	1.634E-06	NA	NA	3.79	0.15
1.5666E-06	2.2035E-05	1.1007E-06	NA	NA	3.16	0.13

1.6035E-06	2.7632E-05	1.1484E-06	NA	NA	3.95	0.14
1.5413E-06	1.4468E-05	1.2237E-06	NA	NA	2.02	0.12
1.1316E-06	2.0392E-05	1.4592E-06	NA	NA	2.73	0.13
1.5383E-06	2.192E-05	1.8532E-06	NA	NA	2.89	0.16
1.403E-06	1.6558E-05	1.1282E-06	NA	NA	2.44	0.12
9.8508E-07	1.7067E-05	1.2577E-06	NA	NA	2.30	0.11
1.2451E-06	1.9748E-05	1.698E-06	NA	NA	2.68	0.14
1.5187E-06	1.6054E-05	8.1793E-07	NA	NA	2.32	0.11
9.542E-07	9.1023E-06	7.4717E-07	NA	NA	1.21	0.08
1.048E-06	7.4022E-06	6.7229E-07	NA	NA	0.99	0.07
1.6516E-06	1.6361E-05	1.3762E-06	NA	NA	2.27	0.14
1.8074E-06	1.681E-05	1.2551E-06	NA	NA	2.34	0.14
1.039E-06	2.0845E-05	1.7301E-06	NA	NA	2.89	0.14
1.6792E-06	2.2201E-05	1.2794E-06	NA	NA	2.99	0.14
1.8627E-06	1.9567E-05	1.8992E-06	NA	NA	2.73	0.17
1.3667E-06	2.098E-05	1.4681E-06	NA	NA	2.70	0.13
1.4102E-06	1.9708E-05	1.3666E-06	NA	NA	2.61	0.13
9.1326E-07	2.3722E-05	1.0563E-06	NA	NA	3.35	0.11
1.1837E-06	1.9471E-05	5.7208E-07	NA	NA	2.74	0.09
1.4149E-06	2.1117E-05	1.7129E-06	NA	NA	2.86	0.15
1.8793E-06	1.7898E-05	1.6462E-06	NA	NA	2.40	0.16
4.1526E-06	3.6806E-05	3.9986E-06	NA	NA	5.54	0.37
1.3246E-06	2.0095E-05	1.9249E-06	NA	NA	2.72	0.16
8.7264E-07	1.9711E-05	1.6096E-06	NA	NA	2.68	0.13
8.9501E-07	1.5021E-05	9.3621E-07	NA	NA	2.11	0.09
1.8784E-06	1.7758E-05	1.6508E-06	NA	NA	2.46	0.16
1.1678E-06	1.4899E-05	9.9402E-07	NA	NA	2.12	0.10
1.0104E-06	2.0595E-05	1.3079E-06	NA	NA	2.74	0.12
1.1351E-06	1.9438E-05	1.7188E-06	NA	NA	2.61	0.14
5.8465E-07	1.4698E-05	8.5679E-07	NA	NA	2.14	0.08
1.772E-06	1.5276E-05	1.0193E-06	NA	NA	2.18	0.12
2.2754E-06	3.0359E-05	1.5497E-06	0.00056826	2.7476E-05	4.15	0.18
1.391E-06	2.6361E-05	1.4125E-06	4.0971E-05	4.463E-06	3.88	0.14
2.0939E-06	2.4372E-05	1.5674E-06	5.346E-05	1.8466E-05	3.22	0.17
1.8548E-06	2.3372E-05	1.3816E-06	0.00016422	1.3295E-05	3.40	0.15
3.9285E-06	4.8161E-05	2.9357E-06	0.0021259	0.00010071	6.37	0.31
5.2315E-06	0.00012167	3.3953E-06	0.00735107	0.00015414	17.55	0.48
1.8335E-06	1.5713E-05	1.09E-06	0.00011417	1.7454E-05	2.46	0.13
3.6944E-06	4.0579E-05	2.8888E-06	0.00203902	0.00027734	5.68	0.30
1.4187E-06	2.4497E-05	1.5657E-06	9.8802E-05	1.8829E-05	3.27	0.15
1.456E-06	2.6637E-05	1.8857E-06	9.1535E-05	1.1357E-05	3.81	0.17
2.4199E-06	2.832E-05	1.5098E-06	0.00011767	1.0471E-05	4.00	0.18

2.1058E-06	2.2057E-05	1.716E-06	4.4448E-05	8.0016E-06	3.15	0.17
1.501E-06	2.4309E-05	1.7043E-06	2.2199E-05	6.6357E-06	3.52	0.16
1.6207E-06	2.0581E-05	1.1838E-06	9.3629E-05	1.2808E-05	3.15	0.13
1.7458E-06	2.4352E-05	1.372E-06	3.4864E-05	5.5907E-06	3.49	0.15
1.8806E-06	3.0953E-05	1.9555E-06	0.00140232	0.00013804	4.10	0.18
2.2948E-06	2.5368E-05	8.0154E-07	0.00020177	9.9924E-06	3.58	0.15
1.7957E-06	2.5394E-05	1.7763E-06	3.5342E-05	4.8445E-06	3.50	0.17
2.1304E-06	3.1906E-05	1.5164E-06	3.6395E-05	8.6889E-06	4.07	0.17
2.4307E-06	2.6636E-05	1.9021E-06	0.00054395	2.6875E-05	3.93	0.20
1.3372E-06	2.3112E-05	1.0799E-06	6.0695E-05	7.4372E-06	3.30	0.12
0.04754659	2.4348E-05	2.1691E-06	2.5925E-05	4.1353E-06	3.39	0.16
2.1264E-06	2.5897E-05	1.725E-06	5.644E-05	1.1435E-05	3.59	0.18
2.6392E-05	5.606E-05	1.759E-05	0.00073446	5.1774E-05	8.14	1.85
2.095E-06	2.4253E-05	8.7951E-07	4.989E-05	5.1234E-06	3.51	0.14
1.6986E-06	2.7292E-05	2.0018E-06	0.00019069	1.1484E-05	3.80	0.18
1.956E-06	5.3341E-05	2.5104E-06	0.0464636	0.00049943	7.11	0.24
1.3625E-06	3.0189E-05	2.205E-06	0.00133077	6.481E-05	4.26	0.19
3.1884E-06	2.4949E-05	1.6699E-06	0.00022406	3.1847E-05	3.56	0.21
2.4212E-06	2.8836E-05	1.6396E-06	8.7464E-05	6.0882E-06	4.32	0.19
2.9049E-06	3.51E-05	2.087E-06	0.00140301	4.7134E-05	4.77	0.23
2.1621E-06	2.7309E-05	1.3234E-06	3.6083E-05	5.9667E-06	3.90	0.16
2.7383E-06	2.8919E-05	1.6168E-06	0.00013818	2.3649E-05	4.14	0.20
1.8408E-06	2.9181E-05	1.1797E-06	8.3859E-05	1.5986E-05	3.97	0.15
2.0533E-06	2.7514E-05	1.0509E-06	0.00014212	9.9351E-06	3.71	0.15
2.0133E-06	1.3705E-05	1.167E-06	0.00020157	2.5381E-05	2.03	0.14
1.2325E-06	2.0359E-05	1.5162E-06	2.9269E-05	7.6558E-06	3.04	0.14
1.9497E-06	2.9506E-05	1.7936E-06	0.0002396	3.2787E-05	3.68	0.18
2.1314E-06	2.6307E-05	1.6709E-06	0.00039619	3.7123E-05	3.99	0.18
1.2501E-06	2.5631E-05	1.8016E-06	0.00079111	0.00010853	3.51	0.16
1.6544E-06	2.9444E-05	2.5104E-06	3.0522E-05	6.3312E-06	4.00	0.21
1.63E-06	2.6683E-05	2.2999E-06	0.0002151	2.6031E-05	3.76	0.20
1.6992E-06	2.5191E-05	1.6711E-06	3.2755E-05	5.928E-06	3.52	0.16
2.1216E-06	2.1399E-05	1.1065E-06	0.00018435	1.7542E-05	3.16	0.15
2.1301E-06	2.8605E-05	2.4496E-06	8.0329E-05	1.3504E-05	3.89	0.22
2.2949E-06	2.8146E-05	1.3789E-06	0.00029635	2.444E-05	4.02	0.17
3.554E-06	6.4306E-05	2.8561E-06	0.00122664	6.3074E-05	9.12	0.32
1.7396E-06	1.246E-05	8.6804E-07	0.00013438	1.1407E-05	1.84	0.11
2.2127E-06	2.1087E-05	1.513E-06	0.00011954	2.0824E-05	3.16	0.17
2.9554E-06	2.8166E-05	1.2347E-06	5.9408E-05	1.3468E-05	3.78	0.19
2.3899E-06	2.7173E-05	2.3692E-06	0.00016826	3.8831E-05	3.93	0.22
2.2901E-06	2.3234E-05	1.3772E-06	0.00024116	4.8068E-05	3.36	0.16
7.5466E-07	2.1041E-05	2.1492E-06	2.6157E-05	5.4337E-06	3.19	0.17

1.4533E-06	3.7214E-05	1.8086E-06	0.18653648	0.00569684	5.09	0.17
1.9018E-06	2.9936E-05	1.968E-06	0.00012598	2.1594E-05	4.10	0.19
2.4363E-06	2.3754E-05	1.5316E-06	7.2523E-05	1.4038E-05	3.56	0.18
4.3614E-06	7.8844E-05	2.4141E-06	6.3175E-05	1.3422E-05	10.82	0.34
5.658E-06	5.626E-05	2.3552E-06	0.01082727	0.00201125	8.08	0.37
1.1487E-06	2.9245E-05	2.1534E-06	0.00022187	2.1E-05	4.02	0.18
2.3005E-06	2.6052E-05	1.646E-06	2.5907E-05	6.5056E-06	3.78	0.18
2.1624E-06	2.2427E-05	1.4727E-06	6.6229E-05	1.04E-05	3.62	0.17
2.1572E-06	2.9975E-05	2.1594E-06	8.0368E-05	1.2024E-05	4.45	0.21
2.468E-06	2.7524E-05	1.288E-06	0.00042181	4.9384E-05	4.18	0.17
2.0348E-06	2.5338E-05	1.7848E-06	0.0007706	2.8165E-05	3.79	0.18
3.4098E-06	5.558E-05	3.392E-06	0.00118471	7.3899E-05	7.87	0.33
3.9954E-06	3.7122E-05	1.1483E-06	0.00028653	2.6779E-05	4.70	0.24
6.7425E-06	3.2575E-05	4.9326E-06	0.00040265	6.0864E-05	4.44	0.50
1.2699E-06	1.3765E-05	1.4042E-06	0.00025998	3.0079E-05	1.81	0.12
1.3969E-06	1.1213E-05	1.099E-06	0.00052998	5.3015E-05	1.60	0.11
2.1465E-06	1.9897E-05	9.7953E-07	0.00010925	1.6723E-05	2.77	0.14
1.6543E-06	2.0119E-05	9.1491E-07	0.00016405	2.088E-05	2.85	0.12
1.6163E-06	1.5261E-05	1.1075E-06	3.8428E-05	7.7978E-06	2.45	0.12
1.1149E-05	6.2453E-05	8.3312E-06	0.00366088	0.00046731	8.86	0.84
1.0252E-06	1.1005E-05	1.1453E-06	4.7996E-05	8.9745E-06	1.63	0.10
1.0479E-05	4.0253E-05	7.7482E-06	0.00463154	0.00118191	5.69	0.78
3.1348E-06	3.3835E-05	3.887E-06	0.00179155	0.00023757	4.81	0.33
7.0302E-07	1.4628E-05	1.221E-06	0.0001081	1.3144E-05	1.90	0.10
1.7195E-06	1.6034E-05	9.9545E-07	0.00023959	2.3571E-05	2.31	0.12
1.1676E-06	1.0126E-05	7.7835E-07	NA	NA	1.39	0.09
1.6022E-06	1.5317E-05	5.5413E-07	NA	NA	2.02	0.10
5.8435E-06	0.00011668	5.395E-06	NA	NA	16.40	0.57
2.2451E-06	2.4285E-05	1.6788E-06	NA	NA	3.57	0.18
5.7949E-05	0.00034959	4.5325E-05	NA	NA	49.84	4.47
9.7579E-07	1.0887E-05	6.6249E-07	NA	NA	1.50	0.07
9.2325E-07	2.4742E-05	1.2002E-06	NA	NA	3.44	0.12
1.0333E-06	1.3127E-05	1.0958E-06	NA	NA	1.92	0.10
6.9418E-07	2.4342E-05	1.9827E-06	NA	NA	3.65	0.16
8.2334E-07	6.38E-06	1.0732E-06	NA	NA	0.94	0.09
2.5953E-06	6.5697E-05	2.4116E-06	NA	NA	9.35	0.27
3.8527E-06	0.00015244	4.4492E-06	NA	NA	21.33	0.53
1.111E-06	2.1507E-05	1.5117E-06	NA	NA	2.98	0.13
8.9383E-07	7.9569E-06	1.0424E-06	NA	NA	1.10	0.09
8.9747E-07	1.3183E-05	6.9292E-07	NA	NA	1.78	0.07
6.9165E-07	1.444E-05	8.9857E-07	NA	NA	2.13	0.08
2.4527E-06	2.8609E-05	1.6201E-06	NA	NA	4.09	0.19

1.9961E-06	2.7899E-05	9.7653E-07	NA	NA	3.80	0.14
1.4383E-06	2.3349E-05	1.1433E-06	NA	NA	2.97	0.12
1.5451E-06	1.7864E-05	7.464E-07	NA	NA	2.41	0.10
3.9911E-06	1.7495E-05	2.1769E-06	NA	NA	2.61	0.26
4.4288E-07	8.1655E-06	6.9461E-07	NA	NA	1.08	0.06
1.0041E-06	1.882E-05	7.5001E-07	NA	NA	2.69	0.09
1.3777E-06	1.039E-05	7.7746E-07	NA	NA	1.48	0.09
6.1638E-07	1.1818E-05	1.0121E-06	NA	NA	1.42	0.08
4.7986E-06	1.9508E-05	1.3018E-06	0.00045087	8.9732E-05	3.06	0.27
1.3938E-06	1.3265E-05	1.2165E-06	7.2165E-05	1.1187E-05	1.83	0.12
1.2967E-06	1.8355E-05	2.1069E-06	0.00010827	1.685E-05	2.46	0.17
1.6576E-06	1.2746E-05	1.6864E-06	0.00036653	2.4047E-05	1.75	0.15
1.5602E-06	2.1062E-05	2.0382E-06	3.2019E-05	7.8095E-06	3.01	0.17
1.7912E-06	1.1682E-05	1.126E-06	0.00018762	2.8757E-05	1.54	0.13
1.9911E-06	2.3224E-05	1.2777E-06	0.00020638	1.9028E-05	3.27	0.15
2.894E-06	2.1466E-05	2.3984E-06	0.0002466	3.2888E-05	3.21	0.23
1.5706E-06	1.9658E-05	1.1076E-06	0.00042307	2.1888E-05	2.93	0.12
2.8605E-06	1.6599E-05	1.0476E-06	0.00020693	2.9396E-05	2.25	0.17
2.0756E-06	2.4739E-05	1.6401E-06	7.4126E-05	7.9577E-06	3.17	0.17
2.048E-06	2.0376E-05	1.3409E-06	4.1714E-05	6.8974E-06	2.99	0.15
2.0575E-06	2.1951E-05	1.6328E-06	0.00029405	4.0656E-05	2.95	0.17
1.5555E-06	1.496E-05	9.536E-07	0.00016191	1.1727E-05	2.08	0.11
7.5924E-07	1.1692E-05	8.1621E-07	7.7811E-05	7.2192E-06	1.77	0.08
1.1551E-06	1.5669E-05	1.0362E-06	0.00017576	1.5633E-05	2.16	0.10
8.2105E-07	1.1546E-05	9.0061E-07	4.0672E-05	6.37E-06	1.74	0.08
1.0799E-06	2.5315E-05	8.7066E-07	0.00017122	1.5344E-05	3.36	0.10
1.038E-06	1.2724E-05	7.4316E-07	4.6063E-05	6.1262E-06	1.79	0.08
7.7046E-07	1.7389E-05	8.9448E-07	3.9437E-05	3.5081E-06	2.49	0.09
1.4339E-06	1.7235E-05	1.457E-06	0.000133	2.2181E-05	2.37	0.13
1.486E-06	7.0246E-06	8.5924E-07	0.00034269	0.00013127	1.11	0.10
8.4231E-07	1.0188E-05	9.5161E-07	6.787E-05	9.176E-06	1.39	0.08
1.2253E-06	8.5051E-06	5.2267E-07	4.583E-05	6.8586E-06	1.43	0.08
8.5762E-07	9.0074E-06	8.9675E-07	0.00022509	3.4794E-05	1.30	0.08
7.9496E-07	6.89E-06	7.7376E-07	5.8076E-05	6.9622E-06	1.01	0.07
2.7674E-06	1.534E-05	2.6809E-06	0.00167905	0.00016306	2.25	0.24
1.5965E-06	1.3951E-05	1.1144E-06	0.00028208	5.1413E-05	2.46	0.12
1.2166E-06	6.1259E-06	5.2007E-07	9.8522E-05	1.1127E-05	1.00	0.07
1.7995E-06	9.8778E-06	1.0383E-06	8.3819E-05	5.6194E-06	1.42	0.12
6.7129E-07	8.2241E-06	9.1487E-07	8.3261E-05	8.3388E-06	1.09	0.08
7.4518E-07	8.2193E-06	1.1918E-06	0.00011707	1.3834E-05	1.35	0.10
1.7257E-06	1.0308E-05	9.118E-07	6.5507E-05	1.8636E-05	1.59	0.11
1.3882E-06	9.5056E-06	1.0107E-06	9.5738E-05	7.0988E-06	1.40	0.10

1.4219E-06	1.0666E-05	8.8997E-07	0.00038684	4.1878E-05	1.68	0.10
1.4409E-06	1.1324E-05	9.0451E-07	0.00010502	1.3955E-05	1.85	0.10
9.5016E-07	9.0343E-06	3.5251E-07	4.6238E-05	5.2818E-06	1.31	0.06
1.0493E-05	6.6734E-05	1.0765E-05	0.00048075	9.1295E-05	9.12	0.95
8.6418E-07	1.8158E-05	1.45E-06	NA	NA	2.52	0.12
9.4661E-07	1.9469E-05	1.3545E-06	NA	NA	2.78	0.12
1.2704E-06	1.7403E-05	1.159E-06	NA	NA	2.37	0.11
1.8368E-06	2.1024E-05	1.0235E-06	NA	NA	2.89	0.13
7.9895E-07	1.3729E-05	1.0457E-06	NA	NA	1.90	0.09
7.8568E-07	1.1135E-05	8.8619E-07	NA	NA	1.52	0.08
1.1143E-06	1.6428E-05	1.2547E-06	NA	NA	2.17	0.11
8.2676E-07	1.876E-05	1.0113E-06	NA	NA	2.46	0.09
1.1211E-06	1.7235E-05	1.0013E-06	NA	NA	2.31	0.10
1.5613E-05	0.00010249	1.4124E-05	NA	NA	14.08	1.31
1.2651E-06	1.7171E-05	1.0893E-06	NA	NA	2.36	0.11
1.1788E-06	2.0719E-05	1.0037E-06	NA	NA	2.75	0.11
1.7099E-06	1.9206E-05	1.4522E-06	NA	NA	2.70	0.14
1.4222E-06	1.0786E-05	5.0196E-07	NA	NA	1.50	0.09
9.2741E-07	1.3691E-05	1.0358E-06	NA	NA	1.85	0.09
1.4494E-06	1.196E-05	6.241E-07	NA	NA	1.98	0.09
9.6123E-07	5.2795E-06	7.9207E-07	NA	NA	0.78	0.08
8.2976E-07	7.5188E-06	7.8178E-07	NA	NA	1.06	0.07
1.0309E-06	9.7681E-06	1.0261E-06	NA	NA	1.40	0.09
1.4464E-06	1.4973E-05	1.4503E-06	NA	NA	2.11	0.13
1.0988E-06	1.6837E-05	1.1226E-06	NA	NA	2.46	0.11
1.4606E-06	2.3622E-05	1.1776E-06	NA	NA	3.21	0.13
1.1172E-06	2.4207E-05	1.3505E-06	NA	NA	3.23	0.13
1.3402E-06	2.2006E-05	1.3105E-06	NA	NA	3.04	0.13
2.1258E-06	2.2088E-05	2.3854E-06	NA	NA	3.17	0.21
1.9553E-06	2.7059E-05	1.8587E-06	NA	NA	3.66	0.18
1.916E-06	3.0897E-05	1.6941E-06	NA	NA	4.19	0.17
1.2155E-06	2.3371E-05	1.2438E-06	NA	NA	3.30	0.12
1.0546E-06	2.2615E-05	1.0921E-06	NA	NA	3.20	0.11
9.9944E-07	1.0213E-05	8.0371E-07	NA	NA	1.42	0.08
2.4078E-06	1.9173E-05	1.1652E-06	NA	NA	2.68	0.16
1.2149E-06	1.5706E-05	6.7048E-07	NA	NA	2.29	0.09
9.6944E-07	1.047E-05	1.1635E-06	NA	NA	1.45	0.10
1.1252E-06	1.6841E-05	1.4696E-06	3.9567E-05	5.5614E-06	2.17	0.13
1.1726E-06	1.4276E-05	1.0423E-06	3.6791E-05	8.0286E-06	2.07	0.10
1.1878E-06	1.1694E-05	8.4208E-07	3.1469E-05	4.4099E-06	1.82	0.09
1.2261E-06	1.2107E-05	5.9337E-07	3.3397E-05	4.6533E-06	1.97	0.08
1.7264E-06	1.3043E-05	1.1822E-06	0.00019525	1.4775E-05	2.07	0.13

8.7824E-07	1.0972E-05	1.2943E-06	0.00014859	2.5841E-05	1.77	0.11
1.3156E-06	1.1371E-05	1.0645E-06	7.4907E-05	1.6489E-05	1.78	0.11
1.041E-06	1.0299E-05	8.5881E-07	3.2949E-05	5.838E-06	1.60	0.09
1.5006E-06	1.0318E-05	7.1669E-07	4.4008E-05	7.6432E-06	1.60	0.10
9.6559E-07	1.1882E-05	1.2435E-06	0.00023396	3.3827E-05	1.90	0.11
1.2847E-06	1.1386E-05	8.8527E-07	4.2541E-05	6.6585E-06	1.77	0.10
1.0725E-06	1.3127E-05	1.347E-06	0.00013703	1.4268E-05	2.00	0.12
1.7312E-06	1.2655E-05	8.3072E-07	4.8852E-05	1.1276E-05	2.08	0.11
1.0146E-06	1.4028E-05	1.0029E-06	3.7168E-05	3.2666E-06	2.21	0.10
1.1407E-06	1.5677E-05	1.0733E-06	4.9625E-05	1.0825E-05	2.39	0.11
1.2985E-06	1.3559E-05	1.0796E-06	5.5498E-05	5.4011E-06	2.18	0.11
1.4353E-06	1.4657E-05	9.0834E-07	0.0002005	4.0731E-05	2.12	0.11
1.4256E-06	1.5714E-05	1.1259E-06	0.00019379	3.7378E-05	2.34	0.12
1.154E-06	1.2452E-05	1.5694E-06	9.9298E-05	1.2352E-05	2.08	0.13
1.4064E-06	2.0129E-05	8.6983E-07	NA	NA	3.01	0.11
1.4202E-06	1.5104E-05	1.2424E-06	NA	NA	2.24	0.12
1.0703E-06	1.738E-05	1.1085E-06	NA	NA	2.49	0.11
1.1244E-06	1.7027E-05	9.423E-07	NA	NA	2.38	0.10
2.2487E-06	2.3869E-05	1.1752E-06	NA	NA	3.45	0.16
9.2835E-07	1.263E-05	9.2136E-07	NA	NA	2.02	0.09
1.2196E-06	1.521E-05	1.4702E-06	NA	NA	2.26	0.13
1.2505E-06	1.4294E-05	1.3018E-06	NA	NA	2.02	0.12
7.8007E-07	4.9518E-06	3.7315E-07	NA	NA	0.88	0.05
1.0693E-06	6.9043E-06	1.0711E-06	NA	NA	1.00	0.10
1.1E-06	9.176E-06	9.9809E-07	NA	NA	1.25	0.09
1.1808E-06	9.7806E-06	6.5599E-07	NA	NA	1.33	0.08
1.3419E-06	1.4106E-05	7.9214E-07	NA	NA	2.05	0.10
1.5613E-06	1.5396E-05	8.9342E-07	NA	NA	2.11	0.11
1.2895E-06	1.8884E-05	9.6444E-07	NA	NA	2.71	0.11
1.5406E-06	1.8381E-05	1.2599E-06	NA	NA	2.55	0.13
1.4267E-06	2.3496E-05	1.3504E-06	NA	NA	3.14	0.13
9.6269E-07	1.5139E-05	9.7405E-07	NA	NA	2.22	0.09
1.7072E-06	2.2169E-05	1.6442E-06	NA	NA	3.17	0.16
1.2514E-06	1.7157E-05	5.2629E-07	NA	NA	2.38	0.09
1.2805E-06	1.2042E-05	1.2357E-06	NA	NA	1.69	0.11
1.4081E-06	1.6392E-05	1.2122E-06	NA	NA	2.56	0.12
1.4824E-06	2.1583E-05	1.3574E-06	NA	NA	2.76	0.13
1.3723E-06	2.142E-05	1.0584E-06	NA	NA	2.91	0.12
4.6761E-05	8.8905E-05	3.1776E-05	NA	NA	13.29	3.31
4.9394E-07	8.8866E-06	4.9984E-07	NA	NA	1.17	0.05
9.4038E-07	1.118E-05	1.0923E-06	NA	NA	1.53	0.10
8.7143E-07	9.2191E-06	8.5426E-07	NA	NA	1.29	0.08

2.0293E-06	1.1914E-05	1.2932E-06	NA	NA	1.75	0.14
8.9266E-07	8.6133E-06	1.1476E-06	NA	NA	1.31	0.10
3.1726E-06	1.7025E-05	2.9151E-06	NA	NA	2.50	0.27
3.8739E-06	4.2363E-05	2.0364E-06	NA	NA	6.11	0.27
1.4335E-06	1.352E-05	1.0168E-06	NA	NA	1.97	0.11
1.6022E-06	1.6081E-05	9.3578E-07	NA	NA	2.24	0.11
9.5649E-07	1.1664E-05	8.9402E-07	NA	NA	1.69	0.09
1.3355E-06	1.3382E-05	9.9754E-07	NA	NA	1.79	0.10
1.5085E-06	1.137E-05	9.0527E-07	NA	NA	1.51	0.10
7.8097E-07	1.0445E-05	1.0811E-06	NA	NA	1.45	0.09
1.0726E-06	1.1221E-05	9.8399E-07	NA	NA	1.53	0.09
9.4622E-07	1.0355E-05	1.2363E-06	NA	NA	1.37	0.10
1.492E-06	4.3107E-05	2.2626E-06	NA	NA	6.13	0.21
2.0075E-06	2.1871E-05	1.2382E-06	NA	NA	3.08	0.15
1.0468E-06	1.0759E-05	9.4192E-07	NA	NA	1.50	0.09
9.4904E-07	1.16E-05	1.2881E-06	NA	NA	1.70	0.11
8.8634E-07	1.3393E-05	1.0966E-06	NA	NA	1.77	0.10
9.3403E-07	1.5477E-05	8.6665E-07	NA	NA	2.15	0.09
1.2202E-06	1.6413E-05	1.3198E-06	NA	NA	2.30	0.12
1.3066E-06	1.5623E-05	1.1463E-06	NA	NA	2.13	0.11
1.0518E-06	1.4562E-05	1.2638E-06	NA	NA	1.95	0.11
1.9075E-06	1.7272E-05	1.6753E-06	NA	NA	2.52	0.16
1.4426E-06	1.6212E-05	8.7025E-07	NA	NA	2.20	0.10
6.9667E-07	1.0061E-05	6.1713E-07	NA	NA	1.48	0.06
8.2863E-07	1.4046E-05	1.2558E-06	NA	NA	1.93	0.10
2.0235E-06	1.7214E-05	1.0831E-06	NA	NA	2.46	0.14
8.5949E-07	2.2893E-05	1.7024E-06	NA	NA	3.20	0.14
1.5828E-06	1.4306E-05	1.2221E-06	NA	NA	1.96	0.12
1.0645E-06	1.0263E-05	7.0623E-07	NA	NA	1.42	0.08
5.4882E-07	1.1031E-05	4.9581E-07	NA	NA	1.53	0.05
1.3571E-05	9.3419E-05	1.0793E-05	NA	NA	13.07	1.06
6.966E-07	6.4693E-06	8.1042E-07	NA	NA	0.98	0.07
7.9364E-06	2.5409E-05	2.2292E-06	NA	NA	3.74	0.44
1.5447E-06	1.509E-05	1.2012E-06	NA	NA	2.20	0.12
1.5077E-06	1.9687E-05	9.7558E-07	NA	NA	2.74	0.11
1.1155E-06	2.0293E-05	7.8774E-07	NA	NA	2.88	0.10
1.4233E-06	2.0317E-05	1.25E-06	NA	NA	2.83	0.13
2.0948E-06	2.0648E-05	1.4152E-06	NA	NA	2.81	0.16
1.7812E-06	2.1244E-05	1.3287E-06	NA	NA	3.11	0.14
1.7081E-06	3.0891E-05	1.8147E-06	NA	NA	4.18	0.17
1.433E-06	2.3657E-05	2.3957E-06	NA	NA	3.16	0.19
1.9032E-06	1.6383E-05	1.5988E-06	NA	NA	2.42	0.16

1.6038E-06	2.0662E-05	1.1136E-06	NA	NA	3.16	0.13
1.009E-06	2.1397E-05	1.4852E-06	NA	NA	2.80	0.13
1.328E-06	1.9245E-05	1.1774E-06	NA	NA	2.55	0.12
1.119E-06	1.8197E-05	1.2448E-06	NA	NA	2.67	0.12
1.423E-06	2.06E-05	1.0644E-06	NA	NA	2.78	0.12
1.2516E-06	1.9042E-05	1.2527E-06	NA	NA	2.78	0.12
1.0949E-06	1.8319E-05	1.135E-06	NA	NA	2.66	0.11
1.6621E-06	2.1954E-05	1.2369E-06	NA	NA	3.11	0.13
1.8434E-06	1.7269E-05	1.1577E-06	NA	NA	2.34	0.13
1.5979E-06	1.8874E-05	1.1038E-06	NA	NA	2.75	0.12
1.8172E-06	1.9506E-05	7.7111E-07	NA	NA	2.73	0.12
2.0474E-06	2.371E-05	1.9503E-06	NA	NA	3.39	0.18
1.0289E-06	2.3555E-05	1.1691E-06	NA	NA	3.49	0.12
1.7677E-06	2.3625E-05	1.5693E-06	NA	NA	3.61	0.16
1.26E-06	2.8445E-05	1.5747E-06	NA	NA	3.81	0.15
1.8965E-06	2.387E-05	1.0193E-06	NA	NA	3.53	0.14
1.3849E-06	2.6855E-05	9.1035E-07	NA	NA	3.85	0.12
1.4344E-06	3.2172E-05	9.5683E-07	NA	NA	4.47	0.13
3.9887E-06	2.9433E-05	2.003E-06	NA	NA	3.98	0.26
1.4714E-06	2.6464E-05	1.2285E-06	NA	NA	3.69	0.13
1.5514E-06	2.7621E-05	1.3627E-06	NA	NA	3.98	0.14
1.657E-06	2.6845E-05	2.142E-06	NA	NA	3.93	0.19
1.4633E-06	2.4394E-05	2.0246E-06	NA	NA	3.37	0.17
1.3201E-06	2.1228E-05	1.1383E-06	NA	NA	2.78	0.12
2.478E-06	2.3482E-05	9.9184E-07	NA	NA	3.24	0.16
1.4395E-06	2.089E-05	8.3583E-07	NA	NA	3.08	0.11
1.8667E-06	2.445E-05	1.2617E-06	NA	NA	3.46	0.15
1.2992E-06	2.2E-05	1.9909E-06	NA	NA	3.09	0.17
2.0984E-06	3.0148E-05	1.744E-06	NA	NA	4.48	0.18
1.4472E-06	1.7265E-05	1.0831E-06	NA	NA	2.63	0.12
1.5109E-06	1.8913E-05	1.4527E-06	NA	NA	2.62	0.14
1.4104E-06	2.0536E-05	1.1078E-06	NA	NA	3.02	0.12
1.3937E-06	2.2523E-05	1.8878E-06	NA	NA	3.00	0.16
1.4474E-06	1.7542E-05	1.1468E-06	NA	NA	2.57	0.12
8.9627E-07	1.8534E-05	1.0147E-06	NA	NA	2.74	0.10
1.6736E-06	3.1831E-05	1.26E-06	NA	NA	4.19	0.15
7.3095E-06	0.00023629	4.4089E-06	NA	NA	32.97	0.77
2.102E-06	2.0704E-05	9.4155E-07	NA	NA	2.98	0.14
1.7203E-06	2.5701E-05	1.4772E-06	NA	NA	3.61	0.15
1.955E-06	2.6157E-05	1.8105E-06	NA	NA	3.51	0.17
2.6061E-06	2.6975E-05	1.9315E-06	NA	NA	3.73	0.20
4.9663E-06	5.1052E-05	3.1758E-06	NA	NA	7.40	0.37

1.7859E-06	2.0989E-05	1.2176E-06	NA	NA	3.08	0.14
1.9222E-06	3.3864E-05	1.5616E-06	NA	NA	4.69	0.17
1.5541E-05	0.00010853	1.0056E-05	NA	NA	16.08	1.11
1.0315E-06	1.4636E-05	1.2682E-06	NA	NA	2.02	0.11
9.2981E-07	1.7685E-05	1.2811E-06	NA	NA	2.50	0.11
1.3413E-06	2.2229E-05	9.2454E-07	NA	NA	2.97	0.11
1.7093E-06	1.5516E-05	1.5783E-06	NA	NA	2.26	0.15
1.2786E-06	1.6418E-05	4.3454E-07	NA	NA	2.30	0.08
1.0465E-06	1.5976E-05	1.0111E-06	NA	NA	2.19	0.10
1.4508E-06	1.6169E-05	1.019E-06	NA	NA	2.15	0.11
5.4628E-07	1.4977E-05	1.2724E-06	NA	NA	2.30	0.10
1.2877E-06	1.5407E-05	1.6665E-06	NA	NA	2.09	0.14
2.0239E-06	1.4673E-05	7.2719E-07	NA	NA	2.09	0.12
6.7209E-07	1.4316E-05	1.162E-06	NA	NA	1.94	0.10
1.1927E-06	9.9819E-06	9.2086E-07	NA	NA	1.53	0.09
1.288E-06	9.6079E-06	1.2263E-06	NA	NA	1.50	0.11
6.378E-07	1.0843E-05	7.0509E-07	NA	NA	1.55	0.07
1.1227E-06	1.4097E-05	1.4268E-06	NA	NA	2.04	0.12
1.1933E-06	1.6859E-05	8.2702E-07	NA	NA	2.06	0.09
1.5509E-06	2.0253E-05	1.2252E-06	NA	NA	2.97	0.13
1.6266E-06	2.3375E-05	1.3563E-06	NA	NA	3.07	0.14
1.5035E-06	2.1131E-05	1.4694E-06	NA	NA	2.79	0.14
1.2231E-06	1.862E-05	1.6952E-06	NA	NA	2.57	0.14
1.0641E-06	1.9363E-05	1.2841E-06	NA	NA	2.42	0.11
1.3616E-06	1.3858E-05	8.744E-07	NA	NA	2.09	0.10
1.3388E-06	1.4538E-05	1.0021E-06	NA	NA	2.23	0.11
1.3076E-06	1.0488E-05	1.1636E-06	NA	NA	1.47	0.11
9.7467E-07	9.1196E-06	7.5324E-07	NA	NA	1.27	0.08
1.9207E-06	1.4593E-05	1.018E-06	NA	NA	2.21	0.13
1.2045E-06	1.363E-05	9.757E-07	NA	NA	1.91	0.10
1.352E-06	1.3325E-05	1.2868E-06	NA	NA	1.85	0.12
1.6668E-06	1.7023E-05	9.6135E-07	NA	NA	2.52	0.12
1.6515E-06	1.5574E-05	1.0339E-06	NA	NA	2.31	0.12
1.1462E-06	1.6093E-05	8.6578E-07	NA	NA	2.23	0.09
1.5619E-06	1.5355E-05	1.1884E-06	NA	NA	2.13	0.12
1.4751E-06	1.918E-05	1.537E-06	NA	NA	2.68	0.14
1.3221E-06	1.9176E-05	1.092E-06	NA	NA	2.66	0.11
2.624E-06	3.2301E-05	1.7854E-06	NA	NA	4.47	0.20
1.3102E-06	1.5707E-05	9.668E-07	NA	NA	2.38	0.11
1.1028E-06	1.6407E-05	9.5349E-07	NA	NA	2.34	0.10
1.9989E-06	2.9698E-05	2.3646E-06	NA	NA	4.26	0.21
1.2274E-06	2.5924E-05	8.3947E-07	NA	NA	3.51	0.11

1.0496E-06	2.3223E-05	1.1912E-06	NA	NA	3.23	0.12
1.1978E-06	2.1487E-05	1.5686E-06	NA	NA	2.91	0.14
5.7695E-06	0.00010001	4.4764E-06	NA	NA	13.78	0.50
5.6786E-06	0.00011522	4.9195E-06	NA	NA	16.08	0.54
2.3204E-06	2.462E-05	1.4336E-06	NA	NA	3.31	0.17
9.5483E-07	1.7211E-05	1.5219E-06	NA	NA	2.44	0.13
8.5692E-07	1.7629E-05	1.279E-06	NA	NA	2.46	0.11
7.9795E-07	1.6614E-05	7.9425E-07	NA	NA	2.25	0.08
1.4857E-06	1.6516E-05	1.6929E-06	NA	NA	2.25	0.15
1.4698E-06	1.8E-05	9.9701E-07	NA	NA	2.53	0.11
1.0519E-06	1.8279E-05	8.0304E-07	NA	NA	2.44	0.09
1.534E-06	2.4262E-05	1.8003E-06	NA	NA	3.30	0.16
2.0376E-06	4.3271E-05	1.7029E-06	NA	NA	5.80	0.19
2.9614E-06	3.3687E-05	1.7717E-06	NA	NA	4.82	0.22
1.1744E-06	1.9281E-05	1.0697E-06	NA	NA	2.73	0.11
1.2657E-06	2.2017E-05	1.1158E-06	NA	NA	2.94	0.12
1.4157E-06	1.8363E-05	8.8396E-07	NA	NA	2.74	0.11
1.1425E-06	1.6312E-05	8.9633E-07	NA	NA	2.49	0.10
1.1559E-06	1.5542E-05	1.2983E-06	NA	NA	2.30	0.12
4.2601E-06	2.7742E-05	2.6797E-06	NA	NA	3.69	0.30
8.0466E-07	9.7597E-06	5.4482E-07	NA	NA	1.41	0.06
1.1254E-06	1.3549E-05	1.1792E-06	NA	NA	1.70	0.11
1.4589E-06	1.1943E-05	7.4392E-07	NA	NA	1.70	0.10
8.7952E-07	1.4165E-05	6.4894E-07	NA	NA	2.11	0.07
1.1492E-06	1.3941E-05	1.0749E-06	NA	NA	2.02	0.10
3.8011E-06	2.9451E-05	3.9412E-06	NA	NA	3.96	0.35
1.3488E-06	1.6849E-05	1.0489E-06	NA	NA	2.39	0.11
1.4406E-06	1.7766E-05	1.5359E-06	NA	NA	2.57	0.14
1.572E-06	2.2669E-05	1.5434E-06	NA	NA	3.10	0.15
1.1933E-06	9.7635E-06	7.1575E-07	NA	NA	1.28	0.08
7.1845E-06	8.705E-05	3.1724E-06	NA	NA	12.07	0.48
9.9092E-07	1.8108E-05	1.1889E-06	NA	NA	2.43	0.11
1.3963E-06	1.7686E-05	1.1586E-06	NA	NA	2.40	0.12
1.444E-06	2.3671E-05	1.4368E-06	NA	NA	3.26	0.14
1.6265E-06	1.9597E-05	1.9655E-06	NA	NA	2.65	0.17
1.9257E-06	2.0577E-05	1.1838E-06	NA	NA	2.90	0.14
1.2716E-06	2.0699E-05	1.3366E-06	NA	NA	2.94	0.13
9.5639E-07	4.7392E-06	5.2424E-07	NA	NA	0.78	0.06
8.59E-07	8.2601E-06	1.4374E-06	NA	NA	1.16	0.11
1.4037E-06	1.1886E-05	8.601E-07	NA	NA	1.70	0.10
2.6531E-06	1.4622E-05	1.1706E-06	NA	NA	2.09	0.16
1.3773E-06	1.9178E-05	1.3056E-06	NA	NA	2.63	0.13

1.1039E-05	3.6896E-05	8.3097E-06	NA	NA	5.29	0.82
6.3978E-07	5.6867E-06	7.2654E-07	NA	NA	0.78	0.06
7.7529E-07	7.098E-06	8.1315E-07	NA	NA	1.03	0.07
6.8608E-07	4.6675E-06	4.4809E-07	NA	NA	0.74	0.05
7.1942E-07	4.5372E-06	5.3336E-07	NA	NA	0.67	0.05
8.6491E-07	3.6703E-06	5.5617E-07	NA	NA	0.49	0.06
1.1509E-06	1.6296E-05	1.4011E-06	NA	NA	2.29	0.12
3.9061E-05	0.00013811	2.7938E-05	NA	NA	19.48	2.84
1.4127E-06	2.048E-05	1.1744E-06	NA	NA	3.06	0.12
9.589E-06	4.9356E-05	7.0263E-06	NA	NA	6.94	0.71
7.2373E-07	1.857E-05	9.7573E-07	NA	NA	2.44	0.09
1.5051E-06	1.9996E-05	9.3229E-07	NA	NA	2.82	0.11
1.7356E-06	2.2462E-05	9.3252E-07	NA	NA	3.00	0.12
7.1829E-07	1.4025E-05	1.1823E-06	NA	NA	1.86	0.10
1.018E-06	1.8861E-05	1.6022E-06	NA	NA	2.58	0.13
1.2049E-06	1.5216E-05	1.1226E-06	NA	NA	2.10	0.11
9.541E-07	1.2382E-05	9.0615E-07	NA	NA	1.65	0.09
8.1624E-06	4.0485E-05	4.7867E-06	NA	NA	5.94	0.55
9.2176E-06	3.7145E-05	6.7053E-06	NA	NA	5.46	0.68
2.6611E-05	7.9961E-05	1.9656E-05	NA	NA	11.67	1.97
2.0095E-06	2.1037E-05	1.9747E-06	NA	NA	2.90	0.18
1.2098E-06	1.2899E-05	1.1088E-06	NA	NA	1.99	0.11
7.7115E-07	1.5442E-05	1.3134E-06	NA	NA	2.07	0.11
1.2567E-06	1.635E-05	1.2648E-06	NA	NA	2.40	0.12
1.2586E-06	1.1003E-05	9.5728E-07	NA	NA	1.43	0.10
7.6104E-07	1.4957E-05	1.13E-06	NA	NA	2.10	0.10
1.6694E-06	2.1353E-05	8.7587E-07	NA	NA	3.07	0.12
1.1446E-06	1.5297E-05	1.0786E-06	NA	NA	2.01	0.10
8.8308E-07	2.5737E-05	9.6303E-07	NA	NA	3.23	0.10
8.6345E-07	1.4924E-05	8.2554E-07	NA	NA	2.23	0.08
5.6234E-06	2.3569E-05	3.3955E-06	NA	NA	3.32	0.38
1.4217E-06	2.1171E-05	7.1119E-07	NA	NA	2.93	0.10
1.2598E-06	2.0818E-05	1.0521E-06	NA	NA	2.85	0.11
1.2537E-06	2.2653E-05	8.6737E-07	NA	NA	3.09	0.10
1.4613E-06	2.272E-05	1.0393E-06	NA	NA	3.14	0.12
1.8241E-06	2.0005E-05	6.1469E-07	NA	NA	2.87	0.12
1.4293E-06	2.0292E-05	1.0435E-06	NA	NA	2.98	0.12
1.9799E-06	2.0081E-05	1.1557E-06	NA	NA	2.97	0.14
1.3882E-06	2.1002E-05	1.3071E-06	NA	NA	2.86	0.13
1.4043E-06	1.9682E-05	1.0813E-06	NA	NA	2.77	0.12
1.0785E-06	2.0532E-05	1.8396E-06	NA	NA	2.81	0.15
1.2227E-06	2.1274E-05	1.6748E-06	NA	NA	3.02	0.14

5.7437E-07	2.187E-05	1.6078E-06	NA	NA	2.95	0.13
1.0171E-06	2.2515E-05	1.6427E-06	NA	NA	3.04	0.14
1.4385E-06	2.165E-05	1.4178E-06	NA	NA	3.01	0.14
1.9244E-06	2.2726E-05	9.4676E-07	NA	NA	3.14	0.13
1.3491E-06	1.8271E-05	1.5459E-06	NA	NA	2.55	0.14
1.8333E-06	2.1269E-05	1.4095E-06	NA	NA	2.81	0.15
9.8029E-07	2.0151E-05	2.1233E-06	NA	NA	2.71	0.17
1.8403E-06	1.7329E-05	1.0297E-06	NA	NA	2.39	0.13
1.2317E-06	1.795E-05	1.1553E-06	NA	NA	2.51	0.11
1.3986E-06	1.9834E-05	1.2856E-06	NA	NA	2.65	0.13
2.0603E-06	1.8749E-05	1.0971E-06	NA	NA	2.64	0.14
4.963E-07	3.6287E-06	4.1567E-07	NA	NA	0.54	0.04
5.7928E-07	4.6434E-06	7.9045E-07	NA	NA	0.60	0.06
3.2803E-06	3.6108E-05	4.5057E-06	NA	NA	5.12	0.37
1.2878E-06	1.2585E-05	1.1245E-06	NA	NA	1.83	0.11
2.0789E-06	2.8486E-05	1.501E-06	NA	NA	4.03	0.17
1.9663E-06	2.1276E-05	1.1568E-06	NA	NA	3.10	0.14
8.105E-06	2.5344E-05	5.8704E-06	NA	NA	3.71	0.59
1.0014E-06	8.9734E-06	7.2801E-07	NA	NA	1.30	0.08
5.0365E-07	1.08E-05	9.825E-07	NA	NA	1.50	0.08
6.9924E-07	1.2168E-05	4.6163E-07	NA	NA	1.63	0.06
5.872E-07	4.8158E-06	5.4194E-07	NA	NA	0.68	0.05
1.501E-06	2.4654E-05	9.6853E-07	NA	NA	3.40	0.12
1.4743E-06	2.1806E-05	1.1786E-06	NA	NA	3.07	0.13
1.2988E-06	2.3907E-05	1.4127E-06	NA	NA	3.17	0.13
1.5439E-06	2.1028E-05	1.8084E-06	NA	NA	3.10	0.16
1.3535E-06	1.9128E-05	1.6547E-06	NA	NA	2.64	0.14
1.7189E-06	2.0959E-05	9.285E-07	NA	NA	2.98	0.12
1.5455E-06	2.1752E-05	7.5127E-07	NA	NA	2.94	0.11
1.4865E-06	2.2094E-05	1.0519E-06	NA	NA	3.19	0.12
1.8404E-06	1.9779E-05	1.8018E-06	NA	NA	2.88	0.17
8.5438E-07	2.0581E-05	1.3497E-06	NA	NA	2.77	0.12
1.4597E-06	2.0008E-05	2.1224E-06	NA	NA	2.75	0.18
1.7155E-06	2.0409E-05	1.9555E-06	NA	NA	2.85	0.17
1.4052E-06	1.8531E-05	9.2624E-07	NA	NA	2.63	0.11
2.0656E-06	1.9008E-05	1.213E-06	NA	NA	2.69	0.14
1.5235E-06	2.2859E-05	9.1004E-07	NA	NA	2.91	0.11
1.0746E-06	1.7315E-05	1.326E-06	NA	NA	2.37	0.12
1.6079E-06	1.995E-05	2.0284E-06	NA	NA	2.75	0.17
8.1234E-07	1.6861E-05	1.4144E-06	NA	NA	2.62	0.12
1.7736E-06	2.0241E-05	1.8167E-06	NA	NA	2.89	0.17
1.6304E-06	2.3734E-05	1.3856E-06	NA	NA	3.15	0.14

1.3606E-06	1.8242E-05	1.3285E-06	NA	NA	2.52	0.13
1.7961E-06	1.5865E-05	1.0091E-06	NA	NA	2.17	0.12
1.2736E-06	1.8538E-05	1.603E-06	NA	NA	2.61	0.14
2.7646E-06	2.6272E-05	2.0198E-06	NA	NA	3.46	0.21
1.887E-06	1.4679E-05	7.5974E-07	NA	NA	2.06	0.12
1.7849E-06	1.7973E-05	9.9068E-07	NA	NA	2.28	0.12
1.2272E-06	1.7783E-05	1.6195E-06	NA	NA	2.61	0.14