

List Of Good Runs

RunId	Site	ParticleType	TestId	BeamMomentum	BeamImpactX	BeamImpactY	BeamImpactZ	BeamAngle	MagnetCurrent	
700002539	GSI	Carbon	BT50	1.5	494.0	-41.0	0.0	-30.0	None	
700002540	GSI	Carbon	BT51	1.5	494.0	-41.0	0.0	-30.0	None	
700002541	GSI	Carbon	BT51	1.5	494.0	-41.0	0.0	-30.0	None	
700002542	GSI	Carbon	BT54	1.5	494.0	-41.0	0.0	-30.0	None	
700002543	GSI	Carbon	BT54	1.5	494.0	-41.0	0.0	-30.0	None	
700002544	GSI	Carbon	BT51	1.5	494.0	-41.0	0.0	-30.0	None	
700002545	GSI	Carbon	BT51	1.5	494.0	-41.0	0.0	-30.0	None	
700002528	GSI	Carbon	BT51	1.5	108.0	-42.0	0.0	0.0	None	
700002530	GSI	Carbon	BT54	1.5	108.0	-42.0	0.0	0.0	None	
700002531	GSI	Carbon	BT53	1.5	108.0	-42.0	0.0	0.0	None	
700002532	GSI	Carbon	BT50	1.5	108.0	-42.0	0.0	0.0	None	
700002533	GSI	Carbon	BT51	1.5	108.0	-42.0	0.0	0.0	None	
700002534	GSI	Carbon	BT53	1.5	108.0	-42.0	0.0	0.0	None	
700002572	GSI	Carbon	BT3	1.5	108.0	-40.0	0.0	0.0	None	
700002573	GSI	Carbon	BT50	1.5	108.0	-40.0	0.0	0.0	None	
700002574	GSI	Carbon	BT51	1.5	108.0	-40.0	0.0	0.0	None	
700002575	GSI	Carbon	BT54	1.5	108.0	-40.0	0.0	0.0	None	
700002576	GSI	Carbon	BT50	1.5	108.0	-40.0	0.0	0.0	None	
700002551	GSI	Carbon	BT51	1.5	-100.0	-40.0	0.0	60.0	None	
700002552	GSI	Carbon	BT54	1.5	-100.0	-40.0	0.0	60.0	None	
700002553	GSI	Carbon	BT56	1.5	-100.0	-40.0	0.0	60.0	None	
700002527	GSI	Carbon	BT50	1.5	749.0	99.99	-860.0	90.0	None	
700002577	GSI	Xenon	BT50	1.0	108.0	-40.0	0.0	0.0	None	
700002578	GSI	Xenon	BT50	1.0	108.0	-40.0	0.0	0.0	None	
700002579	GSI	Xenon	BT50	1.0	108.0	-52.0	0.0	0.0	None	
700002580	GSI	Xenon	BT50	1.0	108.0	-52.0	0.0	0.0	None	
700002581	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002582	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002583	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002584	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002585	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002586	GSI	Xenon	BT2	1.0	108.0	-40.0	0.0	0.0	None	
700002587	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002588	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002589	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002590	GSI	Xenon	BT52	1.0	108.0	-40.0	0.0	0.0	None	
700002591	GSI	Xenon	BT52	1.0	108.0	-40.0	0.0	0.0	None	
700002592	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002593	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700002594	GSI	Xenon	BT53	1.0	108.0	-40.0	0.0	0.0	None	
700001581	PS	All Particles	BT22	5.0	345.0	14.0	-47.4	60.0	0.0	
700001582	PS	All Particles	BT22	5.0	345.0	14.0	-47.4	60.0	0.0	
700001583	PS	All Particles	BT22	5.0	345.0	14.0	-47.4	60.0	0.0	
700001584	PS	All Particles	BT22	5.0	345.0	14.0	-47.4	60.0	0.0	
700001585	PS	All Particles	BT22	5.0	345.0	14.0	-47.4	60.0	0.0	
700001428	PS	All Particles	BT2	6.0	511.0	-43.2	0.0	0.0	0.0	
700001431	PS	All Particles	BT2	6.0	100.0	13.2	0.0	0.0	0.0	
700001260	PS	Electrons	BT1	None	-70.0	13.2	-48.0	50.0	0.0	
700001361	PS	Electrons	BT1	1.0	-50.0	43.0	985.0	-51.0	-220.0	
700001362	PS	Electrons	BT1	1.0	-50.0	43.0	985.0	-51.0	-220.0	
700001363	PS	Electrons	BT1	1.0	-50.0	43.0	985.0	-51.0	-220.0	
700001364	PS	Electrons	BT1	1.0	-50.0	43.0	985.0	-51.0	220.0	
700001633	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001634	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001635	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001636	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001637	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001638	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001639	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001640	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001641	PS	Electrons	BT1	1.0	400.0	26.0	732.0	-35.0	210.0	
700001259	PS	Electrons	BT1	1.0	201.0	0.0	0.0	0.0	0.0	

700001220	PS	Electrons	BT1	1.0	200.0	13.2	-48.0	30.0	0.0	
700001221	PS	Electrons	BT1	1.0	200.0	13.2	-48.0	30.0	0.0	
700001347	PS	Electrons	BT1	1.5	-50.0	0.0	550.0	-45.0	0.0	
700001580	PS	Electrons	BT1	1.5	500.0	0.0	-48.0	20.0	0.0	
700001586	PS	Electrons	BT1	2.5	749.0	40.0	-20.0	-215.0	0.0	
700001200	PS	Electrons	BT1	2.5	201.0	0.0	0.0	0.0	0.0	
700001432	PS	Electrons	BT1	2.5	607.0	45.0	0.0	0.0	0.0	
700001433	PS	Electrons	BT1	2.5	607.0	45.0	0.0	0.0	0.0	
700001434	PS	Electrons	BT1	2.5	607.0	45.0	0.0	0.0	0.0	
700001222	PS	Electrons	BT1	2.5	200.0	13.2	-48.0	30.0	0.0	
700001508	PS	Electrons	BT1	2.5	374.5	0.0	-132.0	30.0	0.0	
700001687	PS	Electrons	BT1	2.5	200.0	13.2	-48.0	30.0	600.0	
700001261	PS	Electrons	BT1	2.5	-50.0	13.2	-48.0	50.0	0.0	
700000702	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000703	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000704	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000705	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000706	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000707	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000708	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000709	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000710	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000711	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000712	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000713	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000714	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000715	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000716	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000717	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000718	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000719	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000720	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000721	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000722	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000723	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000724	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000725	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000726	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000727	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000728	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000729	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000730	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000731	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000732	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000733	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000734	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000735	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000736	PS	Electrons	BT16	5.0	187.25	-97.44	0.0	0.0	0.0	
700000737	PS	Electrons	BT16	5.0	330.37	0.0	0.0	0.0	0.0	
700000738	PS	Electrons	BT16	5.0	398.63	0.0	0.0	0.0	0.0	
700000739	PS	Electrons	BT16	5.0	426.47	0.0	0.0	0.0	0.0	
700000740	PS	Electrons	BT16	5.0	454.31	0.0	0.0	0.0	0.0	
700000741	PS	Electrons	BT16	5.0	477.15	0.0	0.0	0.0	0.0	
700000742	PS	Electrons	BT16	5.0	504.99	0.0	0.0	0.0	0.0	
700000743	PS	Electrons	BT16	5.0	532.83	0.0	0.0	0.0	0.0	
700000744	PS	Electrons	BT16	5.0	560.67	0.0	0.0	0.0	0.0	
700000746	PS	Electrons	BT16	5.0	588.51	0.0	0.0	0.0	0.0	
700000747	PS	Electrons	BT16	5.0	616.35	0.0	0.0	0.0	0.0	
700000748	PS	Electrons	BT16	5.0	644.19	0.0	0.0	0.0	0.0	
700000749	PS	Electrons	BT16	5.0	672.03	0.0	0.0	0.0	0.0	
700000750	PS	Electrons	BT16	5.0	699.87	0.0	0.0	0.0	0.0	
700001460	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	0.0	0.0	
700001461	PS	Electrons	BT1	5.0	250.25	13.92	-47.4	0.0	0.0	
700001462	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	0.0	0.0	
700001464	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	0.0	0.0	
700001465	PS	Electrons	BT1	5.0	374.5	13.92	-47.4	0.0	0.0	

700001466	PS	Electrons	BT1	5.0	398.75	13.92	-47.4	0.0	0.0	
700001467	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	0.0	0.0	
700001468	PS	Electrons	BT1	5.0	398.75	13.92	-47.4	0.0	0.0	
700001469	PS	Electrons	BT1	5.0	320.0	13.92	-47.4	0.0	0.0	
700001470	PS	Electrons	BT1	5.0	330.0	13.92	-47.4	0.0	0.0	
700001471	PS	Electrons	BT1	5.0	340.0	13.92	-47.4	0.0	0.0	
700001472	PS	Electrons	BT1	5.0	360.0	13.92	-47.4	0.0	0.0	
700001473	PS	Electrons	BT1	5.0	410.0	13.92	-47.4	0.0	0.0	
700001474	PS	Electrons	BT1	5.0	420.0	13.92	-47.4	0.0	0.0	
700001475	PS	Electrons	BT1	5.0	430.0	13.92	-47.4	0.0	0.0	
700001671	PS	Electrons	BT19	5.0	561.0	0.0	-48.0	0.0	0.0	
700001672	PS	Electrons	BT17	5.0	561.0	0.0	-48.0	0.0	0.0	
700001476	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	10.0	0.0	
700001477	PS	Electrons	BT1	5.0	250.25	13.92	-47.4	10.0	0.0	
700001478	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	10.0	0.0	
700001479	PS	Electrons	BT1	5.0	389.5	13.92	-47.4	10.0	0.0	
700001480	PS	Electrons	BT1	5.0	429.0	13.92	-47.4	10.0	0.0	
700001481	PS	Electrons	BT1	5.0	330.0	13.92	-47.4	10.0	0.0	
700001482	PS	Electrons	BT1	5.0	370.0	13.92	-47.4	10.0	0.0	
700001483	PS	Electrons	BT1	5.0	410.0	13.92	-47.4	10.0	0.0	
700001484	PS	Electrons	BT1	5.0	450.0	13.92	-47.4	10.0	0.0	
700001485	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	20.0	0.0	
700001486	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	20.0	0.0	
700001487	PS	Electrons	BT1	5.0	405.6	13.92	-47.4	20.0	0.0	
700001488	PS	Electrons	BT1	5.0	461.0	13.92	-47.4	20.0	0.0	
700001489	PS	Electrons	BT1	5.0	330.0	13.92	-47.4	20.0	0.0	
700001490	PS	Electrons	BT1	5.0	375.0	13.92	-47.4	20.0	0.0	
700001491	PS	Electrons	BT1	5.0	430.0	13.92	-47.4	20.0	0.0	
700001492	PS	Electrons	BT1	5.0	480.0	13.92	-47.4	20.0	0.0	
700000937	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	30.0	0.0	
700000938	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	30.0	0.0	
700000939	PS	Electrons	BT1	5.0	423.8	13.92	-47.4	30.0	0.0	
700000940	PS	Electrons	BT1	5.0	500.0	13.92	-47.4	30.0	0.0	
700001493	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	30.0	0.0	
700001494	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	30.0	0.0	
700001495	PS	Electrons	BT1	5.0	423.8	13.92	-47.4	30.0	0.0	
700001496	PS	Electrons	BT1	5.0	500.0	13.92	-47.4	30.0	0.0	
700001497	PS	Electrons	BT1	5.0	330.0	13.92	-47.4	30.0	0.0	
700001498	PS	Electrons	BT1	5.0	385.0	13.92	-47.4	30.0	0.0	
700001499	PS	Electrons	BT1	5.0	460.0	13.92	-47.4	30.0	0.0	
700001500	PS	Electrons	BT1	5.0	520.0	13.92	-47.4	30.0	0.0	
700001501	PS	Electrons	BT1	5.0	460.0	13.92	-47.4	45.0	0.0	
700001502	PS	Electrons	BT1	5.0	400.0	13.92	-47.4	45.0	0.0	
700001503	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	45.0	0.0	
700001504	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	45.0	0.0	
700000936	PS	Electrons	BT1	5.0	350.0	13.92	-47.4	60.0	0.0	
700001505	PS	Electrons	BT1	5.0	201.17	13.92	-47.4	60.0	0.0	
700001506	PS	Electrons	BT1	5.0	350.25	13.92	-47.4	60.0	0.0	
700001507	PS	Electrons	BT1	5.0	430.0	13.92	-47.4	60.0	0.0	
700001676	PS	Electrons	BT19	5.0	350.0	-13.0	-48.0	60.0	0.0	
700001678	PS	Electrons	BT17	5.0	350.0	-13.0	-48.0	60.0	0.0	
700001681	PS	Electrons	BT18	5.0	350.0	-13.0	-48.0	60.0	0.0	
700001603	PS	Full brems Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0	
700001312	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001313	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001314	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001315	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001316	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001317	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001318	PS	Full brems Photons	BT1	2.5	749.0	0.0	-175.0	-215.0	600.0	
700001587	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	
700001588	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	
700001589	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	
700001590	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	
700001591	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	
700001592	PS	Full brems Photons	BT1	2.5	749.0	40.0	-20.0	-215.0	600.0	

700001593	PS	Full brems Photons	BT1	2.5		749.0	40.0	-20.0	-215.0	600.0	
700001594	PS	Full brems Photons	BT1	2.5		749.0	40.0	-20.0	-215.0	600.0	
700001595	PS	Full brems Photons	BT1	2.5		749.0	40.0	-20.0	-215.0	600.0	
700001596	PS	Full brems Photons	BT1	2.5		749.0	40.0	-20.0	-215.0	600.0	
700001181	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001182	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001183	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001184	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001185	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	300.0	
700001186	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001187	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001188	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001189	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001190	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001445	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001446	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001447	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001448	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001449	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001450	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001451	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001452	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001453	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001454	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001455	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001684	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001685	PS	Full brems Photons	BT1	2.5		201.0	0.0	0.0	0.0	600.0	
700001689	PS	Full brems Photons	BT1	2.5		607.0	45.0	0.0	0.0	600.0	
700001223	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001224	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001225	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001226	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001227	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001228	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001229	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001230	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001231	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001686	PS	Full brems Photons	BT1	2.5		200.0	13.2	-48.0	30.0	600.0	
700001262	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001263	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001264	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001265	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001266	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001267	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001268	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001269	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001270	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001271	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001688	PS	Full brems Photons	BT1	2.5		-50.0	13.2	-48.0	50.0	600.0	
700001682	PS	Full brems Photons	BT1	2.5		350.0	-13.0	-48.0	60.0	600.0	
700001683	PS	Full brems Photons	BT1	2.5		350.0	-13.0	-48.0	60.0	600.0	
700001355	PS	Positrons	BT1	1.0		-50.0	0.0	985.0	-51.0	220.0	
700001356	PS	Positrons	BT1	1.0		-50.0	43.0	985.0	-51.0	220.0	
700001358	PS	Positrons	BT1	1.0		-50.0	43.0	985.0	-51.0	220.0	
700001359	PS	Positrons	BT1	1.0		-50.0	43.0	985.0	-51.0	220.0	
700001360	PS	Positrons	BT1	1.0		-50.0	43.0	985.0	-51.0	220.0	
700001622	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001623	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001624	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001625	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001626	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001627	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001630	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001631	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001632	PS	Positrons	BT1	1.0		400.0	26.0	732.0	-35.0	210.0	
700001380	PS	Protons	BT1	6.0		-50.0	43.0	985.0	-51.0	0.0	

700001381	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001382	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001383	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001384	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001385	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001388	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001389	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001390	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001391	PS	Protons	BT1	6.0	-50.0	43.0	985.0	-51.0	0.0	
700001423	PS	Protons	BT1	6.0	561.0	13.2	0.0	0.0	0.0	
700001424	PS	Protons	BT16	6.0	561.0	13.2	0.0	0.0	0.0	
700001425	PS	Protons	BT23	6.0	561.0	13.2	0.0	0.0	0.0	
700001426	PS	Protons	BT23	6.0	611.0	63.2	0.0	0.0	0.0	
700001427	PS	Protons	BT23	6.0	511.0	-43.2	0.0	0.0	0.0	
700001422	PS	Protons	BT1	6.0	187.0	13.2	0.0	60.0	0.0	
700001404	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001405	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001406	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001407	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001408	PS	Protons	BT22	6.0	749.0	0.0	-79.0	90.0	0.0	
700001409	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001410	PS	Protons	BT22	6.0	749.0	0.0	-79.0	90.0	0.0	
700001411	PS	Protons	BT1	6.0	749.0	0.0	-79.0	90.0	0.0	
700001412	PS	Protons	BT22	6.0	749.0	0.0	-79.0	90.0	0.0	
700001420	PS	Protons	BT1	10.0	561.0	13.2	0.0	-60.0	0.0	
700001365	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001366	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001367	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001368	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001369	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001370	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001371	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001372	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001373	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001374	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001375	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001376	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001377	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001378	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001379	PS	Protons	BT1	10.0	-50.0	43.0	985.0	-51.0	0.0	
700001418	PS	Protons	BT1	10.0	561.0	13.2	0.0	0.0	0.0	
700001419	PS	Protons	BT1	10.0	561.0	13.2	0.0	0.0	0.0	
700001414	PS	Protons	BT22	10.0	93.0	23.0	600.0	30.0	0.0	
700001415	PS	Protons	BT1	10.0	93.0	23.0	600.0	30.0	0.0	
700001416	PS	Protons	BT22	10.0	93.0	23.0	600.0	30.0	0.0	
700001417	PS	Protons	BT1	10.0	93.0	23.0	600.0	30.0	0.0	
700001421	PS	Protons	BT1	10.0	187.0	13.2	0.0	60.0	0.0	
700001392	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001393	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001394	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001395	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001396	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001397	PS	Protons	BT1	10.0	749.0	0.0	-100.5	90.0	0.0	
700001398	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001399	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001400	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001401	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001402	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001403	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001413	PS	Protons	BT1	10.0	749.0	0.0	-79.0	90.0	0.0	
700001329	PS	Tagged Photons	BT1	0.5	749.0	0.0	-175.0	-215.0	120.0	
700001330	PS	Tagged Photons	BT1	0.5	749.0	0.0	-175.0	-215.0	120.0	
700001244	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0	
700001245	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0	
700001247	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0	
700001248	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0	

700001249	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001250	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001255	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001256	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001257	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001258	PS	Tagged Photons	BT1	0.5	201.0	0.0	0.0	0.0	120.0
700001597	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0
700001598	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0
700001604	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0
700001605	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0
700001606	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	120.0
700001642	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	600.0
700001643	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	600.0
700001644	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	600.0
700001645	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	600.0
700001646	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	500.0
700001647	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	480.0
700001648	PS	Tagged Photons	BT1	0.5	607.0	45.0	0.0	0.0	480.0
700001650	PS	Tagged Photons	BT1	0.5	561.0	45.0	-48.0	0.0	480.0
700001652	PS	Tagged Photons	BT1	0.5	561.0	45.0	-48.0	0.0	480.0
700001653	PS	Tagged Photons	BT1	0.5	561.0	45.0	-48.0	0.0	480.0
700001654	PS	Tagged Photons	BT1	0.5	561.0	45.0	-48.0	0.0	480.0
700001690	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	0.0	600.0
700001692	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	0.0	525.0
700001693	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	0.0	525.0
700001694	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	0.0	525.0
700001662	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	10.0	480.0
700001663	PS	Tagged Photons	BT1	0.5	561.0	0.0	-48.0	10.0	480.0
700001664	PS	Tagged Photons	BT1	0.5	500.0	0.0	-48.0	20.0	480.0
700001665	PS	Tagged Photons	BT1	0.5	500.0	0.0	-48.0	20.0	480.0
700001295	PS	Tagged Photons	BT1	0.5	200.0	13.2	-48.0	30.0	120.0
700001299	PS	Tagged Photons	BT1	0.5	200.0	13.2	-48.0	30.0	120.0
700001300	PS	Tagged Photons	BT1	0.5	200.0	13.2	-48.0	30.0	120.0
700001303	PS	Tagged Photons	BT1	0.5	200.0	13.2	-48.0	30.0	120.0
700001305	PS	Tagged Photons	BT1	0.5	200.0	13.2	-48.0	30.0	120.0
700001666	PS	Tagged Photons	BT1	0.5	200.0	0.0	-48.0	30.0	480.0
700001668	PS	Tagged Photons	BT1	0.5	200.0	0.0	-48.0	30.0	480.0
700001286	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001287	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001288	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001289	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001291	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001292	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001293	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001294	PS	Tagged Photons	BT1	0.5	-50.0	13.2	-48.0	48.0	120.0
700001656	PS	Tagged Photons	BT1	0.5	749.0	0.0	400.0	60.0	480.0
700001657	PS	Tagged Photons	BT1	0.5	749.0	0.0	400.0	60.0	480.0
700001659	PS	Tagged Photons	BT1	0.5	749.0	0.0	400.0	60.0	480.0
700001660	PS	Tagged Photons	BT1	0.5	749.0	0.0	400.0	60.0	480.0
700001319	PS	Tagged Photons	BT1	1.0	749.0	0.0	-175.0	-215.0	240.0
700001320	PS	Tagged Photons	BT1	1.0	749.0	0.0	-175.0	-215.0	240.0
700001327	PS	Tagged Photons	BT1	1.0	749.0	0.0	-175.0	-215.0	240.0
700001328	PS	Tagged Photons	BT1	1.0	749.0	0.0	-175.0	-215.0	240.0
700001310	PS	Tagged Photons	BT1	1.0	201.0	0.0	0.0	0.0	240.0
700001311	PS	Tagged Photons	BT1	1.0	201.0	0.0	0.0	0.0	240.0
700001533	PS	Tagged Photons	BT1	1.0	607.0	45.0	0.0	0.0	240.0
700001534	PS	Tagged Photons	BT1	1.0	607.0	45.0	0.0	0.0	240.0
700001535	PS	Tagged Photons	BT1	1.0	607.0	45.0	0.0	0.0	240.0
700001536	PS	Tagged Photons	BT1	1.0	607.0	45.0	0.0	0.0	240.0
700001547	PS	Tagged Photons	BT1	1.0	561.0	0.0	-48.0	10.0	240.0
700001548	PS	Tagged Photons	BT1	1.0	561.0	0.0	-48.0	10.0	240.0
700001549	PS	Tagged Photons	BT1	1.0	561.0	0.0	-48.0	10.0	240.0
700001550	PS	Tagged Photons	BT1	1.0	561.0	0.0	-48.0	10.0	240.0
700001551	PS	Tagged Photons	BT1	1.0	500.0	0.0	-48.0	20.0	240.0
700001552	PS	Tagged Photons	BT1	1.0	500.0	0.0	-48.0	20.0	240.0
700001553	PS	Tagged Photons	BT1	1.0	500.0	0.0	-48.0	20.0	240.0

700001554	PS	Tagged Photons	BT1	1.0	500.0	0.0	-48.0	20.0	240.0
700001211	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001214	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001215	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001216	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001217	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001308	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001309	PS	Tagged Photons	BT1	1.0	200.0	13.2	-48.0	30.0	240.0
700001537	PS	Tagged Photons	BT1	1.0	374.5	0.0	-132.0	30.0	240.0
700001538	PS	Tagged Photons	BT1	1.0	374.5	0.0	-132.0	30.0	240.0
700001539	PS	Tagged Photons	BT1	1.0	374.5	0.0	-132.0	30.0	240.0
700001540	PS	Tagged Photons	BT1	1.0	374.5	0.0	-132.0	30.0	240.0
700001541	PS	Tagged Photons	BT1	1.0	525.0	0.0	-48.0	30.0	240.0
700001542	PS	Tagged Photons	BT1	1.0	525.0	0.0	-48.0	30.0	240.0
700001545	PS	Tagged Photons	BT1	1.0	525.0	0.0	-48.0	30.0	240.0
700001546	PS	Tagged Photons	BT1	1.0	525.0	0.0	-48.0	30.0	240.0
700001276	PS	Tagged Photons	BT1	1.0	-50.0	13.2	-48.0	48.0	240.0
700001277	PS	Tagged Photons	BT1	1.0	-50.0	13.2	-48.0	48.0	240.0
700001278	PS	Tagged Photons	BT1	1.0	-50.0	13.2	-48.0	48.0	240.0
700001279	PS	Tagged Photons	BT1	1.0	-50.0	13.2	-48.0	48.0	240.0
700001332	PS	Tagged Photons	BT1	1.5	201.0	0.0	0.0	0.0	360.0
700001334	PS	Tagged Photons	BT1	1.5	201.0	0.0	0.0	0.0	360.0
700001335	PS	Tagged Photons	BT1	1.5	201.0	0.0	0.0	0.0	360.0
700001338	PS	Tagged Photons	BT1	1.5	201.0	0.0	0.0	0.0	360.0
700001555	PS	Tagged Photons	BT1	1.5	607.0	45.0	0.0	0.0	360.0
700001556	PS	Tagged Photons	BT1	1.5	607.0	45.0	0.0	0.0	360.0
700001557	PS	Tagged Photons	BT1	1.5	607.0	45.0	0.0	0.0	360.0
700001558	PS	Tagged Photons	BT1	1.5	607.0	45.0	0.0	0.0	360.0
700001570	PS	Tagged Photons	BT1	1.5	561.0	0.0	-48.0	10.0	360.0
700001571	PS	Tagged Photons	BT1	1.5	561.0	0.0	-48.0	10.0	360.0
700001572	PS	Tagged Photons	BT1	1.5	561.0	0.0	-48.0	10.0	360.0
700001573	PS	Tagged Photons	BT1	1.5	561.0	0.0	-48.0	10.0	360.0
700001574	PS	Tagged Photons	BT1	1.5	500.0	0.0	-48.0	20.0	360.0
700001575	PS	Tagged Photons	BT1	1.5	500.0	0.0	-48.0	20.0	360.0
700001578	PS	Tagged Photons	BT1	1.5	500.0	0.0	-48.0	20.0	360.0
700001579	PS	Tagged Photons	BT1	1.5	500.0	0.0	-48.0	20.0	360.0
700001339	PS	Tagged Photons	BT1	1.5	200.0	13.2	-48.0	30.0	360.0
700001340	PS	Tagged Photons	BT1	1.5	200.0	13.2	-48.0	30.0	360.0
700001341	PS	Tagged Photons	BT1	1.5	200.0	13.2	-48.0	30.0	360.0
700001342	PS	Tagged Photons	BT1	1.5	200.0	13.2	-48.0	30.0	360.0
700001559	PS	Tagged Photons	BT1	1.5	374.5	0.0	-132.0	30.0	360.0
700001560	PS	Tagged Photons	BT1	1.5	374.5	0.0	-132.0	30.0	360.0
700001561	PS	Tagged Photons	BT1	1.5	374.5	0.0	-132.0	30.0	360.0
700001562	PS	Tagged Photons	BT1	1.5	374.5	0.0	-132.0	30.0	360.0
700001563	PS	Tagged Photons	BT1	1.5	374.5	0.0	-132.0	30.0	360.0
700001564	PS	Tagged Photons	BT1	1.5	525.0	0.0	-48.0	30.0	360.0
700001565	PS	Tagged Photons	BT1	1.5	525.0	0.0	-48.0	30.0	360.0
700001567	PS	Tagged Photons	BT1	1.5	525.0	0.0	-48.0	30.0	360.0
700001568	PS	Tagged Photons	BT1	1.5	525.0	0.0	-48.0	30.0	360.0
700001343	PS	Tagged Photons	BT1	1.5	-70.0	13.2	-48.0	48.0	360.0
700001344	PS	Tagged Photons	BT1	1.5	-70.0	13.2	-48.0	48.0	360.0
700001345	PS	Tagged Photons	BT1	1.5	-70.0	13.2	-48.0	48.0	360.0
700001346	PS	Tagged Photons	BT1	1.5	-70.0	13.2	-48.0	48.0	360.0
700001177	PS	Tagged Photons	BT1	2.5	201.0	0.0	0.0	0.0	600.0
700001178	PS	Tagged Photons	BT1	2.5	201.0	0.0	0.0	0.0	600.0
700001179	PS	Tagged Photons	BT1	2.5	201.0	0.0	0.0	0.0	600.0
700001180	PS	Tagged Photons	BT1	2.5	201.0	0.0	0.0	0.0	600.0
700001439	PS	Tagged Photons	BT1	2.5	607.0	45.0	0.0	0.0	600.0
700001520	PS	Tagged Photons	BT1	2.5	561.0	0.0	-48.0	10.0	600.0
700001523	PS	Tagged Photons	BT1	2.5	561.0	0.0	-48.0	10.0	600.0
700001524	PS	Tagged Photons	BT1	2.5	561.0	0.0	-48.0	10.0	600.0
700001525	PS	Tagged Photons	BT1	2.5	561.0	0.0	-48.0	10.0	600.0
700001527	PS	Tagged Photons	BT1	2.5	500.0	0.0	-48.0	20.0	600.0
700001529	PS	Tagged Photons	BT1	2.5	500.0	0.0	-48.0	20.0	600.0
700001530	PS	Tagged Photons	BT1	2.5	500.0	0.0	-48.0	20.0	600.0
700001532	PS	Tagged Photons	BT1	2.5	500.0	0.0	-48.0	20.0	600.0

700001234	PS	Tagged Photons	BT1	2.5	200.0	13.2	-48.0	30.0	600.0	
700001235	PS	Tagged Photons	BT1	2.5	200.0	13.2	-48.0	30.0	600.0	
700001236	PS	Tagged Photons	BT1	2.5	200.0	13.2	-48.0	30.0	600.0	
700001237	PS	Tagged Photons	BT1	2.5	200.0	13.2	-48.0	30.0	600.0	
700001510	PS	Tagged Photons	BT1	2.5	374.5	0.0	-132.0	30.0	600.0	
700001511	PS	Tagged Photons	BT1	2.5	374.5	0.0	-132.0	30.0	600.0	
700001512	PS	Tagged Photons	BT1	2.5	374.5	0.0	-132.0	30.0	600.0	
700001513	PS	Tagged Photons	BT1	2.5	374.5	0.0	-132.0	30.0	600.0	
700001514	PS	Tagged Photons	BT1	2.5	525.0	0.0	-48.0	30.0	600.0	
700001516	PS	Tagged Photons	BT1	2.5	525.0	0.0	-48.0	30.0	600.0	
700001517	PS	Tagged Photons	BT1	2.5	525.0	0.0	-48.0	30.0	600.0	
700001519	PS	Tagged Photons	BT1	2.5	525.0	0.0	-48.0	30.0	600.0	
700001272	PS	Tagged Photons	BT1	2.5	-50.0	13.2	-48.0	48.0	600.0	
700001273	PS	Tagged Photons	BT1	2.5	-50.0	13.2	-48.0	48.0	600.0	
700001274	PS	Tagged Photons	BT1	2.5	-50.0	13.2	-48.0	48.0	600.0	
700001275	PS	Tagged Photons	BT1	2.5	-50.0	13.2	-48.0	48.0	600.0	
700002228	SPS	All Particles	BT16	20.0	436.47	0.0	0.0	0.0	None	
700002231	SPS	All Particles	BT6	20.0	436.47	0.0	0.0	0.0	None	
700002355	SPS	Electrons	BT6	None	423.8	40.0	-47.4	30.0	None	
700002338	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	0.0	None	
700002339	SPS	Electrons	BT6	10.0	250.25	40.0	-47.4	0.0	None	
700002340	SPS	Electrons	BT6	10.0	350.25	40.0	-47.4	0.0	None	
700002341	SPS	Electrons	BT6	10.0	374.5	40.0	-47.4	0.0	None	
700002342	SPS	Electrons	BT6	10.0	398.75	40.0	-47.4	0.0	None	
700002343	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	10.0	None	
700002344	SPS	Electrons	BT6	10.0	250.25	40.0	-47.4	10.0	None	
700002345	SPS	Electrons	BT6	10.0	350.25	40.0	-47.4	10.0	None	
700002346	SPS	Electrons	BT6	10.0	389.5	40.0	-47.4	10.0	None	
700002347	SPS	Electrons	BT6	10.0	429.0	40.0	-47.4	10.0	None	
700002348	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	20.0	None	
700002349	SPS	Electrons	BT6	10.0	350.25	40.0	-47.4	20.0	None	
700002350	SPS	Electrons	BT6	10.0	405.6	40.0	-47.4	20.0	None	
700002351	SPS	Electrons	BT6	10.0	405.6	40.0	-47.4	20.0	None	
700002352	SPS	Electrons	BT6	10.0	461.0	40.0	-47.4	20.0	None	
700002353	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	30.0	None	
700002354	SPS	Electrons	BT6	10.0	350.25	40.0	-47.4	30.0	None	
700002356	SPS	Electrons	BT6	10.0	500.0	40.0	-47.4	30.0	None	
700002357	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	45.0	None	
700002358	SPS	Electrons	BT6	10.0	350.25	40.0	-47.4	45.0	None	
700002360	SPS	Electrons	BT6	10.0	-50.0	40.0	-47.4	48.0	None	
700002361	SPS	Electrons	BT29	10.0	-50.0	40.0	-47.4	48.0	None	
700002359	SPS	Electrons	BT6	10.0	201.17	40.0	-47.4	60.0	None	
700002160	SPS	Electrons	BT6	20.0	0.0	0.0	750.0	-90.0	None	
700002082	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	0.0	None	
700002083	SPS	Electrons	BT6	20.0	250.25	40.0	-47.4	0.0	None	
700002084	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	0.0	None	
700002085	SPS	Electrons	BT6	20.0	374.25	40.0	-47.4	0.0	None	
700002086	SPS	Electrons	BT6	20.0	398.75	40.0	-47.4	0.0	None	
700002105	SPS	Electrons	BT6	20.0	548.0	13.0	-47.4	0.0	None	
700002106	SPS	Electrons	BT6	20.0	492.0	13.0	-47.4	0.0	None	
700002107	SPS	Electrons	BT6	20.0	436.0	13.0	-47.4	0.0	None	
700002108	SPS	Electrons	BT6	20.0	408.0	13.0	-47.4	0.0	None	
700002109	SPS	Electrons	BT6	20.0	631.0	13.0	-47.4	0.0	None	
700002110	SPS	Electrons	BT6	20.0	687.0	13.0	-47.4	0.0	None	
700002111	SPS	Electrons	BT6	20.0	631.0	69.0	-47.4	0.0	None	
700002112	SPS	Electrons	BT6	20.0	687.0	125.0	-47.4	0.0	None	
700002113	SPS	Electrons	BT6	20.0	714.0	153.0	-47.4	0.0	None	
700002161	SPS	Electrons	BT6	20.0	850.0	40.0	-47.4	0.0	None	
700002162	SPS	Electrons	BT6	20.0	687.0	40.0	-47.4	0.0	None	
700002164	SPS	Electrons	BT6	20.0	548.0	40.0	-47.4	0.0	None	
700002165	SPS	Electrons	BT6	20.0	408.0	40.0	-47.4	0.0	None	
700002166	SPS	Electrons	BT6	20.0	340.0	40.0	-47.4	0.0	None	
700002168	SPS	Electrons	BT16	20.0	187.25	-13.92	0.0	0.0	None	
700002169	SPS	Electrons	BT16	20.0	187.25	13.92	0.0	0.0	None	
700002170	SPS	Electrons	BT16	20.0	187.25	41.76	0.0	0.0	None	
700002172	SPS	Electrons	BT24	20.0	201.17	40.0	-47.4	0.0	None	

700002173	SPS	Electrons	BT25	20.0	201.17	40.0	-47.4	0.0	None	
700002174	SPS	Electrons	BT26	20.0	201.17	40.0	-47.4	0.0	None	
700002175	SPS	Electrons	BT27	20.0	201.17	40.0	-47.4	0.0	None	
700002176	SPS	Electrons	BT28	20.0	201.17	40.0	-47.4	0.0	None	
700002180	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	0.0	None	
700002087	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	10.0	None	
700002088	SPS	Electrons	BT6	20.0	250.25	40.0	-47.4	10.0	None	
700002089	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	10.0	None	
700002090	SPS	Electrons	BT6	20.0	389.5	40.0	-47.4	10.0	None	
700002091	SPS	Electrons	BT6	20.0	429.0	40.0	-47.4	10.0	None	
700002092	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	20.0	None	
700002093	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	20.0	None	
700002094	SPS	Electrons	BT6	20.0	405.6	40.0	-47.4	20.0	None	
700002095	SPS	Electrons	BT6	20.0	461.0	40.0	-47.4	20.0	None	
700002096	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	30.0	None	
700002097	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	30.0	None	
700002098	SPS	Electrons	BT6	20.0	423.8	40.0	-47.4	30.0	None	
700002099	SPS	Electrons	BT6	20.0	500.0	40.0	-47.4	30.0	None	
700002100	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	45.0	None	
700002101	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	45.0	None	
700002102	SPS	Electrons	BT6	20.0	460.0	40.0	-47.4	45.0	None	
700002114	SPS	Electrons	BT6	20.0	749.0	40.0	126.0	45.0	None	
700002115	SPS	Electrons	BT6	20.0	749.0	40.0	160.0	45.0	None	
700002116	SPS	Electrons	BT6	20.0	749.0	40.0	190.0	45.0	None	
700002117	SPS	Electrons	BT6	20.0	749.0	40.0	224.0	45.0	None	
700002167	SPS	Electrons	BT6	20.0	-50.0	40.0	-47.4	48.0	None	
700002103	SPS	Electrons	BT6	20.0	201.17	40.0	-47.4	60.0	None	
700002104	SPS	Electrons	BT6	20.0	350.25	40.0	-47.4	60.0	None	
700002158	SPS	Electrons	BT6	49.494	340.0	40.0	-47.4	0.0	None	
700002152	SPS	Electrons	BT6	49.894	850.0	40.0	-47.4	0.0	None	
700002068	SPS	Electrons	BT6	49.98	548.0	13.0	-47.4	0.0	None	
700002151	SPS	Electrons	BT6	49.984	0.0	0.0	750.0	-90.0	None	
700002039	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	0.0	None	
700002040	SPS	Electrons	BT6	49.984	250.25	40.0	-47.4	0.0	None	
700002041	SPS	Electrons	BT6	49.984	350.25	40.0	-47.4	0.0	None	
700002042	SPS	Electrons	BT6	49.984	374.5	40.0	-47.4	0.0	None	
700002043	SPS	Electrons	BT6	49.984	398.75	40.0	-47.4	0.0	None	
700002069	SPS	Electrons	BT6	49.984	492.0	13.0	-47.4	0.0	None	
700002070	SPS	Electrons	BT6	49.984	436.0	13.0	-47.4	0.0	None	
700002071	SPS	Electrons	BT6	49.984	408.0	13.0	-47.4	0.0	None	
700002072	SPS	Electrons	BT6	49.984	631.0	13.0	-47.4	0.0	None	
700002073	SPS	Electrons	BT6	49.984	687.0	13.0	-47.4	0.0	None	
700002074	SPS	Electrons	BT6	49.984	631.0	69.0	-47.4	0.0	None	
700002075	SPS	Electrons	BT6	49.984	687.0	125.0	-47.4	0.0	None	
700002076	SPS	Electrons	BT6	49.984	714.0	153.0	-47.4	0.0	None	
700002153	SPS	Electrons	BT6	49.984	687.0	40.0	-47.4	0.0	None	
700002155	SPS	Electrons	BT6	49.984	548.0	40.0	-47.4	0.0	None	
700002156	SPS	Electrons	BT6	49.984	408.0	40.0	-47.4	0.0	None	
700002157	SPS	Electrons	BT6	49.984	408.0	40.0	-47.4	0.0	None	
700002044	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	10.0	None	
700002049	SPS	Electrons	BT6	49.984	429.0	40.0	-47.4	10.0	None	
700002050	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	20.0	None	
700002051	SPS	Electrons	BT6	49.984	350.25	40.0	-47.4	20.0	None	
700002052	SPS	Electrons	BT6	49.984	405.6	40.0	-47.4	20.0	None	
700002053	SPS	Electrons	BT5	49.984	461.0	40.0	-47.4	20.0	None	
700002054	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	30.0	None	
700002055	SPS	Electrons	BT6	49.984	350.25	40.0	-47.4	30.0	None	
700002056	SPS	Electrons	BT6	49.984	423.8	40.0	-47.4	30.0	None	
700002057	SPS	Electrons	BT6	49.984	500.0	40.0	-47.4	30.0	None	
700002058	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	45.0	None	
700002059	SPS	Electrons	BT6	49.984	350.25	40.0	-47.4	45.0	None	
700002063	SPS	Electrons	BT6	49.984	460.0	40.0	-47.4	45.0	None	
700002077	SPS	Electrons	BT6	49.984	749.0	40.0	126.0	45.0	None	
700002078	SPS	Electrons	BT6	49.984	749.0	40.0	160.0	45.0	None	
700002079	SPS	Electrons	BT6	49.984	749.0	40.0	190.0	45.0	None	
700002080	SPS	Electrons	BT6	49.984	749.0	40.0	224.0	45.0	None	

700002159	SPS	Electrons	BT6	49.984	-50.0	40.0	-47.4	48.0	None	
700002064	SPS	Electrons	BT6	49.984	201.17	40.0	-47.4	60.0	None	
700002065	SPS	Electrons	BT6	49.984	350.25	40.0	-47.4	60.0	None	
700001788	SPS	Electrons	BT5	99.0	187.25	13.92	0.0	0.0	None	
700001789	SPS	Electrons	BT16	99.0	187.25	-153.12	0.0	0.0	None	
700001790	SPS	Electrons	BT16	99.0	187.25	-125.28	0.0	0.0	None	
700001791	SPS	Electrons	BT16	99.0	187.25	-97.44	0.0	0.0	None	
700001792	SPS	Electrons	BT16	99.0	187.25	-69.6	0.0	0.0	None	
700001793	SPS	Electrons	BT16	99.0	187.25	-41.76	0.0	0.0	None	
700001794	SPS	Electrons	BT16	99.0	187.25	-41.76	0.0	0.0	None	
700001795	SPS	Electrons	BT16	99.0	187.25	-41.76	0.0	0.0	None	
700001796	SPS	Electrons	BT16	99.0	187.25	13.92	0.0	0.0	None	
700001797	SPS	Electrons	BT16	99.0	187.25	41.76	0.0	0.0	None	
700001798	SPS	Electrons	BT16	99.0	187.25	69.6	0.0	0.0	None	
700001799	SPS	Electrons	BT16	99.0	187.25	97.44	0.0	0.0	None	
700001800	SPS	Electrons	BT16	99.0	187.25	125.28	0.0	0.0	None	
700001801	SPS	Electrons	BT16	99.0	187.25	153.12	0.0	0.0	None	
700001802	SPS	Electrons	BT16	99.0	561.75	153.12	0.0	0.0	None	
700001803	SPS	Electrons	BT16	99.0	561.75	125.28	0.0	0.0	None	
700001980	SPS	Electrons	BT6	99.0	201.17	40.0	47.4	0.0	None	
700001981	SPS	Electrons	BT6	99.0	201.17	40.0	-47.4	0.0	None	
700001982	SPS	Electrons	BT6	99.7	250.25	40.0	-47.4	0.0	None	
700001983	SPS	Electrons	BT6	99.7	350.25	40.0	-47.4	0.0	None	
700001984	SPS	Electrons	BT6	99.7	374.5	40.0	-47.4	0.0	None	
700001985	SPS	Electrons	BT6	99.7	398.75	40.0	-47.4	0.0	None	
700001997	SPS	Electrons	BT16	99.7	187.25	-13.92	0.0	0.0	None	
700001998	SPS	Electrons	BT16	99.7	187.25	13.92	0.0	0.0	None	
700002008	SPS	Electrons	BT6	99.7	548.0	13.0	-47.4	0.0	None	
700002009	SPS	Electrons	BT6	99.7	492.0	13.0	-47.4	0.0	None	
700002010	SPS	Electrons	BT6	99.7	436.0	13.0	-47.4	0.0	None	
700002011	SPS	Electrons	BT6	99.7	408.0	13.0	-47.4	0.0	None	
700002012	SPS	Electrons	BT6	99.7	631.0	13.0	-47.4	0.0	None	
700002015	SPS	Electrons	BT6	99.7	687.0	13.0	-47.4	0.0	None	
700002016	SPS	Electrons	BT6	99.7	631.0	69.0	-47.4	0.0	None	
700002017	SPS	Electrons	BT6	99.7	687.0	125.0	-47.4	0.0	None	
700002018	SPS	Electrons	BT6	99.7	714.0	153.0	-47.4	0.0	None	
700002030	SPS	Electrons	BT31	99.7	201.0	40.0	-47.4	0.0	None	
700001999	SPS	Electrons	BT6	99.7	201.17	40.0	-47.4	30.0	None	
700002000	SPS	Electrons	BT6	99.7	350.25	40.0	-47.4	30.0	None	
700002001	SPS	Electrons	BT6	99.7	423.8	40.0	-47.4	30.0	None	
700002002	SPS	Electrons	BT6	99.7	500.0	40.0	-47.4	30.0	None	
700002003	SPS	Electrons	BT6	99.7	201.17	40.0	-47.4	45.0	None	
700002004	SPS	Electrons	BT6	99.7	350.25	40.0	-47.4	45.0	None	
700002005	SPS	Electrons	BT6	99.7	460.0	40.0	-47.4	45.0	None	
700002019	SPS	Electrons	BT6	99.7	749.0	40.0	126.0	45.0	None	
700002021	SPS	Electrons	BT6	99.7	749.0	40.0	190.0	45.0	None	
700002022	SPS	Electrons	BT6	99.7	749.0	40.0	224.0	45.0	None	
700002006	SPS	Electrons	BT6	99.7	201.17	40.0	-47.4	60.0	None	
700002007	SPS	Electrons	BT6	99.7	350.25	40.0	-47.4	60.0	None	
700002141	SPS	Electrons	BT6	99.749	0.0	0.0	750.0	-90.0	None	
700002149	SPS	Electrons	BT6	99.749	-50.0	40.0	-47.4	48.0	None	
700001804	SPS	Electrons	BT16	99.75	561.75	97.44	0.0	0.0	None	
700001805	SPS	Electrons	BT16	99.75	561.75	69.6	0.0	0.0	None	
700001806	SPS	Electrons	BT16	99.75	561.75	41.76	0.0	0.0	None	
700001807	SPS	Electrons	BT16	99.75	561.75	13.92	0.0	0.0	None	
700001808	SPS	Electrons	BT16	99.75	561.75	-13.92	0.0	0.0	None	
700001809	SPS	Electrons	BT16	99.75	561.75	-41.76	0.0	0.0	None	
700001810	SPS	Electrons	BT16	99.75	561.75	-69.6	0.0	0.0	None	
700001811	SPS	Electrons	BT16	99.75	561.75	-97.44	0.0	0.0	None	
700001812	SPS	Electrons	BT16	99.75	561.75	-125.28	0.0	0.0	None	
700001813	SPS	Electrons	BT16	99.75	561.75	-153.12	0.0	0.0	None	
700001814	SPS	Electrons	BT16	99.75	34.13	0.0	0.0	0.0	None	
700001815	SPS	Electrons	BT16	99.75	61.97	0.0	0.0	0.0	None	
700001816	SPS	Electrons	BT16	99.75	89.81	0.0	0.0	0.0	None	
700001817	SPS	Electrons	BT16	99.75	117.65	0.0	0.0	0.0	None	
700001818	SPS	Electrons	BT16	99.75	145.49	0.0	0.0	0.0	None	

700001819	SPS	Electrons	BT16	99.75	173.33	0.0	0.0	0.0	None	
700001820	SPS	Electrons	BT16	99.75	201.17	0.0	0.0	0.0	None	
700001821	SPS	Electrons	BT16	99.75	229.01	0.0	0.0	0.0	None	
700001822	SPS	Electrons	BT16	99.75	256.85	0.0	0.0	0.0	None	
700001823	SPS	Electrons	BT16	99.75	284.69	0.0	0.0	0.0	None	
700001824	SPS	Electrons	BT16	99.75	312.53	0.0	0.0	0.0	None	
700001825	SPS	Electrons	BT16	99.75	340.37	0.0	0.0	0.0	None	
700001826	SPS	Electrons	BT16	99.75	408.63	0.0	0.0	0.0	None	
700001827	SPS	Electrons	BT16	99.75	436.47	0.0	0.0	0.0	None	
700001828	SPS	Electrons	BT16	99.75	464.31	0.0	0.0	0.0	None	
700001831	SPS	Electrons	BT16	99.75	492.15	0.0	0.0	0.0	None	
700001832	SPS	Electrons	BT16	99.75	519.99	0.0	0.0	0.0	None	
700001833	SPS	Electrons	BT16	99.75	547.83	0.0	0.0	0.0	None	
700001834	SPS	Electrons	BT16	99.75	575.67	0.0	0.0	0.0	None	
700001835	SPS	Electrons	BT16	99.75	603.51	0.0	0.0	0.0	None	
700001836	SPS	Electrons	BT16	99.75	631.35	0.0	0.0	0.0	None	
700001837	SPS	Electrons	BT16	99.75	659.19	0.0	0.0	0.0	None	
700001838	SPS	Electrons	BT16	99.75	687.03	0.0	0.0	0.0	None	
700001839	SPS	Electrons	BT16	99.75	714.87	0.0	0.0	0.0	None	
700001840	SPS	Electrons	BT16	99.75	-340.37	0.0	0.0	0.0	None	
700001841	SPS	Electrons	BT16	99.75	-312.53	0.0	0.0	0.0	None	
700001842	SPS	Electrons	BT16	99.75	-284.69	0.0	0.0	0.0	None	
700001843	SPS	Electrons	BT16	99.75	-256.85	0.0	0.0	0.0	None	
700001844	SPS	Electrons	BT16	99.75	-229.01	0.0	0.0	0.0	None	
700001845	SPS	Electrons	BT16	99.75	-173.33	0.0	0.0	0.0	None	
700001846	SPS	Electrons	BT16	99.75	-201.17	0.0	0.0	0.0	None	
700001847	SPS	Electrons	BT16	99.75	-145.49	0.0	0.0	0.0	None	
700001848	SPS	Electrons	BT16	99.75	-117.65	0.0	0.0	0.0	None	
700001849	SPS	Electrons	BT16	99.75	-89.81	0.0	0.0	0.0	None	
700001850	SPS	Electrons	BT16	99.75	-61.97	0.0	0.0	0.0	None	
700001851	SPS	Electrons	BT16	99.75	-34.13	0.0	0.0	0.0	None	
700001852	SPS	Electrons	BT16	99.75	-187.25	-153.12	0.0	0.0	None	
700001853	SPS	Electrons	BT16	99.75	-187.25	-125.28	0.0	0.0	None	
700001854	SPS	Electrons	BT16	99.75	-187.25	-97.44	0.0	0.0	None	
700001855	SPS	Electrons	BT16	99.75	-187.25	-69.6	0.0	0.0	None	
700001856	SPS	Electrons	BT16	99.75	-187.25	-41.76	0.0	0.0	None	
700001857	SPS	Electrons	BT16	99.75	-187.25	-13.92	0.0	0.0	None	
700001858	SPS	Electrons	BT16	99.75	-187.25	13.92	0.0	0.0	None	
700001859	SPS	Electrons	BT16	99.75	-187.25	41.76	0.0	0.0	None	
700001860	SPS	Electrons	BT16	99.75	-187.25	69.6	0.0	0.0	None	
700001861	SPS	Electrons	BT16	99.75	-187.25	97.44	0.0	0.0	None	
700001862	SPS	Electrons	BT16	99.75	-187.25	125.28	0.0	0.0	None	
700001863	SPS	Electrons	BT16	99.75	-187.25	153.12	0.0	0.0	None	
700002020	SPS	Electrons	BT6	99.75	749.0	40.0	160.0	45.0	None	
700001770	SPS	Electrons	BT5	100.0	187.25	-153.12	0.0	0.0	None	
700001771	SPS	Electrons	BT5	100.0	187.25	-125.28	0.0	0.0	None	
700001773	SPS	Electrons	BT5	100.0	177.25	-163.12	0.0	0.0	None	
700001774	SPS	Electrons	BT5	100.0	177.25	-140.28	0.0	0.0	None	
700001775	SPS	Electrons	BT5	100.0	177.25	-112.44	0.0	0.0	None	
700001776	SPS	Electrons	BT5	100.0	177.25	-84.6	0.0	0.0	None	
700001777	SPS	Electrons	BT5	100.0	177.25	-56.76	0.0	0.0	None	
700001778	SPS	Electrons	BT5	100.0	177.25	-18.92	0.0	0.0	None	
700001988	SPS	Electrons	BT6	100.0	201.17	40.0	-47.4	10.0	None	
700001989	SPS	Electrons	BT6	100.0	250.25	40.0	-47.4	10.0	None	
700001990	SPS	Electrons	BT6	100.0	350.25	40.0	-47.4	10.0	None	
700001991	SPS	Electrons	BT6	100.0	389.5	40.0	-47.4	10.0	None	
700001992	SPS	Electrons	BT6	100.0	429.0	40.0	-47.4	10.0	None	
700001993	SPS	Electrons	BT6	100.0	201.17	40.0	-47.4	20.0	None	
700001994	SPS	Electrons	BT6	100.0	350.25	40.0	-47.4	20.0	None	
700001995	SPS	Electrons	BT6	100.0	405.6	40.0	-47.4	20.0	None	
700001996	SPS	Electrons	BT6	100.0	461.0	40.0	-47.4	20.0	None	
700001782	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	
700001783	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	
700001784	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	
700001785	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	
700001786	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	

700001787	SPS	Electrons	BT5	196.0	607.0	45.0	0.0	0.0	None	
700001876	SPS	Electrons	BT1	196.12	548.0	13.0	-47.4	0.0	None	
700001877	SPS	Electrons	BT1	196.12	492.0	13.0	-47.4	0.0	None	
700001878	SPS	Electrons	BT1	196.12	436.0	13.0	-47.4	0.0	None	
700001879	SPS	Electrons	BT1	196.12	408.0	13.0	-47.4	0.0	None	
700001880	SPS	Electrons	BT1	196.12	631.0	13.0	-47.4	0.0	None	
700001881	SPS	Electrons	BT1	196.12	687.0	13.0	-47.4	0.0	None	
700001882	SPS	Electrons	BT1	196.12	631.0	69.0	-47.4	0.0	None	
700001883	SPS	Electrons	BT1	196.12	687.0	125.0	-47.4	0.0	None	
700001884	SPS	Electrons	BT1	196.12	714.0	153.0	-47.4	0.0	None	
700001885	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	0.0	None	
700001886	SPS	Electrons	BT1	196.12	250.25	40.0	-47.4	0.0	None	
700001887	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	0.0	None	
700001888	SPS	Electrons	BT1	196.12	374.5	40.0	-47.4	0.0	None	
700001889	SPS	Electrons	BT1	196.12	398.75	40.0	-47.4	0.0	None	
700001911	SPS	Electrons	BT5	196.12	201.17	40.0	-47.4	0.0	None	
700001912	SPS	Electrons	BT5	196.12	250.25	40.0	-47.4	0.0	None	
700001913	SPS	Electrons	BT5	196.12	350.25	40.0	-47.4	0.0	None	
700001914	SPS	Electrons	BT5	196.12	374.5	40.0	-47.4	0.0	None	
700001915	SPS	Electrons	BT5	196.12	374.5	40.0	-47.4	0.0	None	
700001916	SPS	Electrons	BT5	196.12	398.75	40.0	-47.4	0.0	None	
700002031	SPS	Electrons	BT31	196.12	201.0	40.0	-47.4	0.0	None	
700002032	SPS	Electrons	BT31	196.12	201.0	40.0	-47.4	0.0	None	
700002033	SPS	Electrons	BT31	196.12	201.0	40.0	-47.4	0.0	None	
700002034	SPS	Electrons	BT31	196.12	201.0	40.0	-47.4	0.0	None	
700002035	SPS	Electrons	BT31	196.12	201.0	40.0	-47.4	0.0	None	
700002136	SPS	Electrons	BT6	196.12	680.0	40.0	-47.4	0.0	None	
700002137	SPS	Electrons	BT6	196.12	540.0	40.0	-47.4	0.0	None	
700002138	SPS	Electrons	BT6	196.12	404.0	40.0	-47.4	0.0	None	
700002139	SPS	Electrons	BT6	196.12	335.0	40.0	-47.4	0.0	None	
700001890	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	10.0	None	
700001892	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	10.0	None	
700001893	SPS	Electrons	BT1	196.12	250.25	40.0	-47.4	10.0	None	
700001894	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	10.0	None	
700001895	SPS	Electrons	BT1	196.12	389.5	40.0	-47.4	10.0	None	
700001897	SPS	Electrons	BT1	196.12	429.0	40.0	-47.4	10.0	None	
700001898	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	20.0	None	
700001899	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	20.0	None	
700001900	SPS	Electrons	BT1	196.12	405.6	40.0	-47.4	20.0	None	
700001901	SPS	Electrons	BT1	196.12	461.0	40.0	-47.4	20.0	None	
700001902	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	30.0	None	
700001903	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	30.0	None	
700001904	SPS	Electrons	BT1	196.12	423.8	40.0	-47.4	30.0	None	
700001905	SPS	Electrons	BT1	196.12	500.0	40.0	-47.4	30.0	None	
700001906	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	45.0	None	
700001907	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	45.0	None	
700001908	SPS	Electrons	BT1	196.12	460.0	40.0	-47.4	45.0	None	
700002140	SPS	Electrons	BT6	196.12	-50.0	40.0	-47.4	48.0	None	
700001909	SPS	Electrons	BT1	196.12	201.17	40.0	-47.4	60.0	None	
700001910	SPS	Electrons	BT1	196.12	350.25	40.0	-47.4	60.0	None	
700001917	SPS	Electrons	BT6	282.0	398.75	40.0	-47.4	0.0	None	
700001918	SPS	Electrons	BT6	282.0	374.5	40.0	-47.4	0.0	None	
700001919	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	0.0	None	
700001920	SPS	Electrons	BT6	282.0	250.25	40.0	-47.4	0.0	None	
700001921	SPS	Electrons	BT6	282.0	250.25	40.0	-47.4	0.0	None	
700001922	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	0.0	None	
700001923	SPS	Electrons	BT6	282.0	548.0	13.0	-47.4	0.0	None	
700001924	SPS	Electrons	BT6	282.0	492.0	13.0	-47.4	0.0	None	
700001925	SPS	Electrons	BT6	282.0	436.0	13.0	-47.4	0.0	None	
700001926	SPS	Electrons	BT6	282.0	408.0	13.0	-47.4	0.0	None	
700001927	SPS	Electrons	BT6	282.0	631.0	13.0	-47.4	0.0	None	
700001928	SPS	Electrons	BT6	282.0	687.0	13.0	-47.4	0.0	None	
700001929	SPS	Electrons	BT6	282.0	631.0	69.0	-47.4	0.0	None	
700001930	SPS	Electrons	BT6	282.0	687.0	125.0	-47.4	0.0	None	
700001931	SPS	Electrons	BT6	282.0	714.0	153.0	-47.4	0.0	None	
700001952	SPS	Electrons	BT24	282.0	201.17	40.0	-47.4	0.0	None	

700001957	SPS	Electrons	BT26	282.0	201.17	40.0	-47.4	0.0	None	
700001958	SPS	Electrons	BT25	282.0	201.17	40.0	-47.4	0.0	None	
700001964	SPS	Electrons	BT25	282.0	603.0	41.0	0.0	0.0	None	
700001966	SPS	Electrons	BT26	282.0	603.0	41.0	0.0	0.0	None	
700001967	SPS	Electrons	BT27	282.0	603.0	41.0	0.0	0.0	None	
700001970	SPS	Electrons	BT28	282.0	603.0	41.0	0.0	0.0	None	
700001971	SPS	Electrons	BT2	282.0	603.0	41.0	0.0	0.0	None	
700001972	SPS	Electrons	BT6	282.0	603.0	41.0	0.0	0.0	None	
700001973	SPS	Electrons	BT2	282.0	230.0	41.0	0.0	0.0	None	
700001974	SPS	Electrons	BT6	282.0	230.0	41.0	0.0	0.0	None	
700001932	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	10.0	None	
700001933	SPS	Electrons	BT6	282.0	250.25	40.0	-47.4	10.0	None	
700001934	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	10.0	None	
700001936	SPS	Electrons	BT6	282.0	389.5	40.0	-47.4	10.0	None	
700001937	SPS	Electrons	BT6	282.0	429.0	40.0	-47.4	10.0	None	
700001938	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	20.0	None	
700001939	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	20.0	None	
700001940	SPS	Electrons	BT6	282.0	405.6	40.0	-47.4	20.0	None	
700001941	SPS	Electrons	BT6	282.0	461.0	40.0	-47.4	20.0	None	
700001942	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	30.0	None	
700001943	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	30.0	None	
700001944	SPS	Electrons	BT6	282.0	423.8	40.0	-47.4	30.0	None	
700001945	SPS	Electrons	BT6	282.0	500.0	40.0	-47.4	30.0	None	
700001946	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	45.0	None	
700001947	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	45.0	None	
700001948	SPS	Electrons	BT6	282.0	460.0	40.0	-47.4	45.0	None	
700001975	SPS	Electrons	BT6	282.0	749.0	40.0	126.0	45.0	None	
700001976	SPS	Electrons	BT6	282.0	749.0	40.0	160.0	45.0	None	
700001978	SPS	Electrons	BT6	282.0	749.0	40.0	190.0	45.0	None	
700001979	SPS	Electrons	BT6	282.0	749.0	40.0	224.0	45.0	None	
700001949	SPS	Electrons	BT6	282.0	201.17	40.0	-47.4	60.0	None	
700001950	SPS	Electrons	BT6	282.0	350.25	40.0	-47.4	60.0	None	
700001951	SPS	Electrons	BT6	282.0	749.0	0.0	-79.0	90.0	None	
700002184	SPS	Pions	BT16	20.0	187.25	-153.12	0.0	0.0	None	
700002185	SPS	Pions	BT16	20.0	187.25	-125.28	0.0	0.0	None	
700002186	SPS	Pions	BT16	20.0	187.25	-97.44	0.0	0.0	None	
700002187	SPS	Pions	BT16	20.0	187.25	-69.6	0.0	0.0	None	
700002188	SPS	Pions	BT16	20.0	187.25	-41.76	0.0	0.0	None	
700002189	SPS	Pions	BT16	20.0	187.25	-13.92	0.0	0.0	None	
700002190	SPS	Pions	BT16	20.0	187.25	13.92	0.0	0.0	None	
700002191	SPS	Pions	BT16	20.0	187.25	41.76	0.0	0.0	None	
700002192	SPS	Pions	BT16	20.0	187.25	69.6	0.0	0.0	None	
700002193	SPS	Pions	BT16	20.0	187.25	97.44	0.0	0.0	None	
700002194	SPS	Pions	BT16	20.0	187.25	125.28	0.0	0.0	None	
700002195	SPS	Pions	BT16	20.0	187.25	153.12	0.0	0.0	None	
700002196	SPS	Pions	BT16	20.0	561.75	153.12	0.0	0.0	None	
700002197	SPS	Pions	BT16	20.0	561.75	125.28	0.0	0.0	None	
700002198	SPS	Pions	BT16	20.0	561.75	97.44	0.0	0.0	None	
700002202	SPS	Pions	BT16	20.0	561.75	69.6	0.0	0.0	None	
700002203	SPS	Pions	BT16	20.0	561.75	41.76	0.0	0.0	None	
700002204	SPS	Pions	BT16	20.0	561.75	13.92	0.0	0.0	None	
700002205	SPS	Pions	BT16	20.0	561.75	-13.92	0.0	0.0	None	
700002206	SPS	Pions	BT16	20.0	561.75	-41.76	0.0	0.0	None	
700002207	SPS	Pions	BT16	20.0	561.75	-69.6	0.0	0.0	None	
700002211	SPS	Pions	BT16	20.0	561.75	-97.44	0.0	0.0	None	
700002212	SPS	Pions	BT16	20.0	561.75	-125.28	0.0	0.0	None	
700002213	SPS	Pions	BT16	20.0	561.75	-153.12	0.0	0.0	None	
700002214	SPS	Pions	BT16	20.0	34.13	0.0	0.0	0.0	None	
700002215	SPS	Pions	BT16	20.0	61.97	0.0	0.0	0.0	None	
700002217	SPS	Pions	BT16	20.0	89.81	0.0	0.0	0.0	None	
700002218	SPS	Pions	BT16	20.0	117.65	0.0	0.0	0.0	None	
700002219	SPS	Pions	BT16	20.0	145.49	0.0	0.0	0.0	None	
700002220	SPS	Pions	BT16	20.0	173.33	0.0	0.0	0.0	None	
700002221	SPS	Pions	BT16	20.0	201.17	0.0	0.0	0.0	None	
700002222	SPS	Pions	BT16	20.0	229.01	0.0	0.0	0.0	None	
700002223	SPS	Pions	BT16	20.0	256.85	0.0	0.0	0.0	None	

700002224	SPS	Pions	BT16	20.0	284.69	0.0	0.0	0.0	None	
700002225	SPS	Pions	BT16	20.0	312.53	0.0	0.0	0.0	None	
700002226	SPS	Pions	BT16	20.0	340.37	0.0	0.0	0.0	None	
700002227	SPS	Pions	BT16	20.0	408.63	0.0	0.0	0.0	None	
700002253	SPS	Protons	BT6	20.0	201.17	40.0	-47.4	-180.0	None	
700002232	SPS	Protons	BT6	20.0	436.47	0.0	0.0	0.0	None	
700002233	SPS	Protons	BT16	20.0	284.69	0.0	0.0	0.0	None	
700002251	SPS	Protons	BT6	20.0	201.17	40.0	-47.4	45.0	None	
700002252	SPS	Protons	BT6	20.0	749.9	0.0	-79.0	90.0	None	
700002363	SPS	Protons	BT6	100.0	201.17	40.0	-47.4	0.0	None	
700002364	SPS	Protons	BT6	100.0	201.17	40.0	-47.4	45.0	None	
700002365	SPS	Protons	BT6	100.0	749.0	13.2	-79.0	90.0	None	