

runlist_pionLT_2022_Eb_8p479

Q²=2.45, W=3.20, LH+, SHMS=6.93deg – PART ONE

Run Type	Target	EBeam	P_SHMS	Theta_S		Theta		Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate (kHz)	Coin_Rate (kHz)	Charge (mC)	Raw_HMS	Raw_S HMS	Raw_C oin	EDTM	SHMS_Hadron_T racking	Comments
				HMS	P_HMS	HMS	HMS														
16063 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	46.301	13	9	0	17.976	450.455	0.604	46.582 61k	96k	527k	10k	0.967	1624		
16064 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	52.036	13	9	0	18.699	472.232	0.64	90.38 118k	186k	1035k	17k	0.967	3013		
16065 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	5.494	13	9	0	19.392	493.733	0.675	4.867 6k	10k	66k	10k	0.965	163		
16066 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	43.977	13	9	0	18.196	456.695	0.613	77.674 101k	160k	882k	17k	0.968	2543		
16067 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	53.55	13	9	0	19.024	479.862	0.654	97.513 127k	201k	1125k	18k	0.968	3195		
16069 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	49.058	13	9	0	18.373	462.903	0.627	27.482 9211k	57k	315k	5k	0.966	835		
16070 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	49.997	13	9	0	18.572	465.941	0.634	87.853 115k	181k	1011k	17k	0.967	2939		
16071 Prod	LH2	8.494	6.265	6.93	2.193	-20.905	56.624	13	9	0	19.486	490.935	0.675	100.111 131k	207k	1168k	17k	0.967	3355		
16072 Prod	LH2	8.487	6.265	6.93	2.193	-20.905	53.324	13	9	0	18.891	475.254	0.649	95.041 124k	196k	1099k	17k	0.967	3144		
16073 Prod	Dummy10cm	8.487	6.265	6.93	2.193	-20.905	34.71	13	9	0	4.196	60.594	0.031	32.236 14k	13k	27k	9k	0.993	96		

Q²=2.45, W=3.20, LH+, SHMS=8.93deg

16074 Prod	Dummy10cm	8.487	6.265	8.93	2.193	-20.905	36.83	13	9	0	4.21	24.204	0.019	46.439 20k	7k	24k	13k	0.997	81
16075 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	64.317	12	9	0	24.924	239.741	0.446	67.97 89k	107k	411k	10k	0.979	1436
16076 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	64.037	12	9	0	23.438	225.242	0.414	12.19 16k	19k	72k	2k	0.979	FADC Mode 10
16077 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	74.274	12	9	0	25.542	247.26	0.461	39.534 13246k	63k	239k	5k	0.978	815
16078 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	61.573	12	9	0	23.673	227.168	0.416	135.848 178k	214k	804k	22k	0.978	2990
16079 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	55.816	12	9	0	23.097	219.837	0.399	107.593 141k	169k	630k	19k	0.979	2353
16080 Prod	LH2	8.487	6.265	8.93	2.193	-20.905	44.73	12	9	0	25.102	241.314	0.448	64.909 85k	103k	396k	15k	0.978	16080

Q²=2.45, W=3.20, LH+, SHMS=5.50deg

16083 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	15.344	13	9	0	6.058	274.782	0.159	9.978 13k	38k	91k	6k	0.973	359
16084 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	34.54	14	9	0	11.708	594.823	0.487	48.257 64k	101k	680k	14k	0.961	1568
16086 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	28.226	14	9	0	10.818	545.745	0.437	22.044 29k	46k	303k	8k	0.961	661
16087 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	25.288	14	9	0	9.692	471.513	0.331	49.525 65k	100k	576k	19k	0.968	1537
16088 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	27.011	14	0	-1	9.863	479.447	0.34	32.436 11054k	66k	381k	12k	0.968	1082
16089 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	25.083	14	9	0	9.603	467.41	0.328	38.416 51k	77k	445k	15k	0.967	1262
16090 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	24.486	14	9	0	9.743	473.509	0.333	58.649 77k	118k	683k	24k	0.968	1950
16091 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	26.263	14	9	0	9.837	478.261	0.338	46.726 62k	94k	546k	17k	0.968	1612
16092 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	24.547	14	9	0	9.597	464.181	0.327	42.495 56k	85k	494k	17k	0.968	1410
16093 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	23.811	14	8	0	9.569	464.174	0.325	43.07 114k	87k	500k	18k	0.968	1482
16094 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	24.214	14	8	0	9.922	482.311	0.341	43.329 114k	87k	509k	18k	0.967	1422
16095 Prod	LH2	8.487	6.265	5.5	2.193	-20.905	26.936	14	8	0	9.852	478.126	0.338	44.644 118k	90k	521k	16k	0.968	1486
16097 Prod	Dummy10cm	8.487	6.265	5.5	2.193	-20.905	35.473	12	7	0	4.219	152.34	0.057	44.988 77k	88k	68k	13k	0.986	110
16098 Prod	Dummy10cm	8.487	6.538	5.5	1.882	-28.42	33.26	12	5	0	1.206	129.717	0.021	44.13 83k	74k	26k	13k	0.987	38
16099 Prod	Dummy10cm	8.487	6.538	5.5	1.882	-28.42	35.218	12	5	0	1.211	131.516	0.021	75.651 141k	127k	44k	21k	0.986	47
16100 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	25.165	14	6	0	2.887	506.73	0.112	82.621 217k	153k	286k	33k	0.963	593
16101 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	22.799	14	6	0	2.825	492.486	0.109	53.422 141k	99k	186k	23k	0.961	411
16102 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	17.84	14	6	0	3.033	554.326	0.129	34.334 89k	65k	135k	19k	0.957	265
16103 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	12.457	14	6	0	3.172	584.122	0.136	6.648 17k	13k	28k	6k	0.952	45
16104 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	20.728	14	6	0	2.929	532.6	0.123	51.468 133k	97k	195k	25k	0.958	368
16105 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	25.978	14	6	0	3.051	554.923	0.129	61.923 161k	117k	231k	24k	0.957	419
16106 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	34.716	14	6	0	3.129	572.598	0.133	65.693 170k	125k	240k	18k	0.959	411
16107 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	27.549	14	6	0	3.049	558.187	0.13	98.809 255k	188k	368k	35k	0.959	680
16109 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	33.278	14	0	-1	3.091	565.761	0.132	40.18 3421k	76k	147k	12k	0.958	270
16110 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	29.984	14	6	0	3.113	570.351	0.133	107.279 277k	204k	397k	35k	0.959	772
16111 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	33.277	14	6	0	3.138	577.296	0.135	119.265 307k	228k	439k	35k	0.959	889
16112 Prod	LH2	8.487	6.538	5.5	1.882	-28.42	34.796	14	6	0	3.15	577.111	0.135	159.911 412k	304k	586k	45k	0.958	1101
16114 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	6.651	14	6	0	1.879	301.605	0.054	5.366 14k	9k	20k	9k	0.974	52
16115 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	23.842	14	6	0	2.78	505.364	0.116	91.154 235k	171k	333k	38k	0.958	655
16118 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	19.584	14	6	0	3.096	568.508	0.133	35.688 92k	68k	138k	18k	0.96	268
16120 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	24.152	14	6	0	2.94	537.369	0.125	22.715 59k	43k	85k	9k	0.959	173
16121 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	32.611	14	6	0	3.079	566.796	0.132	76.499 196k	145k	279k	23k	0.961	584
16123 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	25.956	14	6	0	3.028	557.941	0.129	50.392 129k	96k	187k	19k	0.959	369
16124 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	32.884	14	6	0	3.093	570.232	0.133	104.833 269k	200k	384k	31k	0.957	736
16125 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	30.564	14	0	-1	4.338	568.549	1.381	29.964 3791k	57k	1346k	1242k	0.958	212
16126 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	33.859	14	6	0	3.08	568.741	0.132	110.937 284k	211k	405k	35k	0.96	768
16127 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	33.295	14	6	0	3.08	567.409	0.132	111.474 286k	212k	407k	33k	0.958	786
16128 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	35.213	14	6	0	3.114	575.424	0.134	127.121 326k	243k	463k	35k	0.957	900
16129 Prod	LH2	8.479	6.538	5.5	1.882	-28.42	28.386	14	6	0	3.037	559.272	0.13	76.318 196k	145k	282k	27k	0.958	533

Q²=3.85, W=3.07, LH+, SHMS=7.47deg

Run Type	Target	EBeam	Theta_S			Theta_L			Current	PS1	PS4	PS5	HMS_Rate	SHMS_Rate	Coin_Rate	Charge	Raw	Raw_S	Raw_C	EDTM	SHMS_Hadron_T	Comments
			HMS	P_SHMS	HMS	P_HMS	HMS	(kHz)					(kHz)	(kHz)	(mC)	HMS	HMS	oin	racking			
16130 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	61.331	13	7	0	0	5.671	394.845	0.181	192.498	246k	271k	514k	31k	0.964	1619	
16131 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	64.992	13	7	0	0	5.941	414.373	0.192	230.692	295k	326k	624k	35k	0.964	1957	
16133 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	71.857	13	0	-1	0	6.46	454.161	0.215	127.583	10626k	182k	355k	17k	0.963	1003	
16134 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	67.289	13	7	0	0	6.184	432.207	0.203	240.541	308k	341k	659k	35k	0.964	1895	
16135 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	39.409	13	7	0	0	4.05	258.182	0.099	82.303	107k	108k	173k	21k	0.973	725	
16136 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	50.194	13	7	0	0	5.445	376.422	0.171	169.963	217k	238k	452k	34k	0.964	1348	
16137 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	53.863	13	7	0	0	5.677	388.982	0.176	194.539	249k	271k	509k	36k	0.966	1562	
16138 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	64.237	13	7	0	0	6.074	422.2	0.198	238.844	306k	338k	654k	37k	0.963	1974	
16139 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	54.164	13	7	0	0	5.697	392.504	0.181	194.681	250k	273k	522k	36k	0.963	1561	
16140 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	63.782	13	7	0	0	5.983	415.611	0.194	233.869	299k	330k	635k	36k	0.964	1881	
16141 Prod	LH2	8.479	6.538	7.47	1.882	-28.42	52.378	13	7	0	0	5.328	362.302	0.164	182.364	235k	254k	476k	34k	0.964	1497	

Q²=3.85, W=3.07, LH+, SHMS=9.47deg

16143 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	27.894	12	7	0	0	4.186	99.486	0.05	38.81	50k	38k	45k	14k	0.984	235
16146 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	58.41	12	7	0	0	6.033	150.002	0.079	186.264	239k	189k	211k	32k	0.979	1105
16147 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	39.849	12	7	0	0	4.431	106.03	0.055	95.277	124k	94k	105k	24k	0.983	537
16148 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	71.407	12	7	0	0	6.295	157.375	0.084	223.847	287k	228k	249k	31k	0.982	1308
16151 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	69.263	12	0	-1	0	6.133	152.076	0.08	65.01	5431k	66k	71k	9k	0.98	381
16152 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	63.882	12	7	0	0	6.113	151.905	0.08	220.363	284k	223k	246k	34k	0.982	1304
16153 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	65.482	12	7	0	0	6.247	155.196	0.082	222.54	287k	226k	249k	34k	0.98	1310
16154 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	71.801	12	7	0	0	6.304	156.749	0.084	258.897	333k	263k	288k	36k	0.981	1567
16155 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	65.892	12	7	0	0	6.099	151.1	0.08	231.276	298k	234k	257k	35k	0.981	1388
16156 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	68.764	12	7	0	0	6.212	153.833	0.082	246.937	319k	250k	275k	36k	0.983	1491
16157 Prod	LH2	8.479	6.538	9.47	1.882	-28.42	61.07	12	7	0	0	5.889	144.693	0.077	216.951	281k	219k	242k	35k	0.98	1328
16158 Prod	Dummy10cm	8.479	6.538	9.47	1.882	-28.42	35.476	8	4	0	0	1.202	15.733	0.012	117.445	410k	374k	39k	33k	0.992	44

Q²=2.45, W=3.20, LH+, SHMS=6.93deg – PART TWO

Run Type	Target	EBeam	Theta_S			Theta_L			Current	PS1	PS4	PS5	HMS_Rate	SHMS_Rate	Coin_Rate	Charge	Raw	Raw_S	Raw_C	EDTM	SHMS_Hadron_T	Comments
			HMS	P_SHMS	HMS	P_HMS	HMS	(kHz)					(kHz)	(kHz)	(mC)	HMS	HMS	oin	racking			
16159 Prod	LH2	8.479	6.265	8.93	2.193	-20.895	67.384	12	9	0	0	24.265	234.824	0.431	172.772	222k	270k	1015k	25k	0.978	3786	
16161 Prod	LH2	8.479	6.265	8.93	2.193	-20.895	56.552	12	9	0	0	23.457	225.788	0.411	138.797	179k	216k	811k	24k	0.979	3073	

Heep Coincidences

16162 HeePCoin	LH2	8.479	3.731	30.02	5.587	-19.56	42.074	5	3	0	0	0.686	2.86	0.033	81.092	169k	206k	48k	19k	0.991	15896
16164 HeePCoin	LH2	8.479	3.731	30.02	5.587	-19.56	61.067	5	3	0	0	0.743	3.095	0.035	46.075	95k	116k	24k	8k	0.991	8829
16165 HeePCoin	Dummy10cm	8.479	3.731	30.02	5.587	-19.56	39.133	3	0	0	0	0.133	0.772	0.011	27.946	94k	109k	8k	7k	1	204
16167 HeePCoin	LH2	8.479	3.996	28.355	5.321	-20.905	65.754	6	2	0	0	0.464	3.472	0.027	113.772	240k	163k	44k	17k	0.992	14564
16168 HeePCoin	LH2	8.479	3.996	28.355	5.321	-20.905	68.474	6	2	0	0	0.477	3.582	0.028	25.475	54k	37k	10k	4k	0.992	3289
16170 HeePCoin	Dummy10cm	8.479	3.996	28.355	5.321	-20.905	35.846	3	0	0	0	0.084	0.763	0.01	24.177	53k	96k	7k	7k	0.989	112

Heep Singles

16171 HeePSing	LH2	8.479	7.559	9.455	6.477	-15.065	9.166	6	0	-1	0	0.841	51.321	51.321	5.536	476k	880k	880k	6k	0.997	shms 29505
16172 HeePSing	Dummy10cm	8.479	7.559	9.455	6.477	-15.065	18.405	6	0	-1	0	0.491	35.434	35.434	15.162	379k	828k	828k	8k	0.998	6161
16174 HeePSing	Dummy10cm	8.479	7.106	11.9	5.878	-15.63	17.296	4	0	-1	0	0.782	7.657	7.657	12.345	502k	545k	545k	7k	0.998	2412
16178 HeePSing	LH2	8.479	7.106	11.9	5.878	-15.63	9.682	4	0	-1	0	1.363	11.836	11.836	4.342	599k	578k	578k	4k	0.998	11893
16179 HeePSing	LH2	8.479	7.106	11.9	5.878	-15.63	7.186	4	0	-1	0	1.343	11.664	11.664	7.557	1045k	1006k	1006k	11k	0.998	20672
16180 HeePSing	LH2	8.479	6.72	13.85	5.878	-17.97	49.909	5	0	-1	0	1.091	22.409	22.409	49.764	1055k	1274k	1274k	10k	0.997	17307
16181 HeePSing	LH2	8.479	6.72	13.85	5.878	-17.97	46.002	5	0	-1	0	0.989	20.244	20.244	48.087	1023k	1232k	1232k	10k	0.997	16831
16182 HeePSing	Dummy10cm	8.479	6.72	13.85	5.878	-17.97	33.65	5	0	-1	0	0.239	5.085	5.085	22.761	150k	187k	187k	7k	0.998	585
16183 HeePSing	Dummy10cm	8.479	6.538	14.745	5.878	-20.38	26.355	4	0	-1	0	0.037	3.489	3.489	22.164	24k	225k	225k	8k	0.998	559
16184 HeePSing	LH2	8.479	6.538	14.745	5.878	-20.38	63.947	5	0	-1	0	0.147	20.652	20.652	38.171	79k	645k	645k	6k	0.996	7329
16185 HeePSing	LH2	8.479	6.538	14.745	5.878	-20.38	71.684	5	0	-1	0	0.149	20.951	20.951	64.173	131k	1082k	1082k	9k	0.996	12084
16188 HeePSing	LH2	8.479	6.265	16.1	5.587	-17.235	22.902	3	0	-1	0	1.602	4.686	4.686	13.66	897k	524k	524k	6k	0.998	2095
16189 HeePSing	LH2	8.479	6.265	16.1	5.587	-17.235	19.085	3	0	-1	0	1.576	4.615	4.615	28.161	1840k	1077k	1077k	15k	0.998	4321
16192 HeePSing	Dummy10cm	8.479	6.265	16.1	5.587	-17.235	38.152	3	0	-1	0	0.729	2.306	2.306	27.979	535k	338k	338k	7k	0.998	1472
16193 HeePSing	Dummy10cm	8.479	5.646	19.2	5.587	-19.505	36.096	0	0	-1	0	0.132	0.615	0.615	21.19	75k	348k	348k	6k	0.998	0
16194 HeePSing	LH2	8.479	5.646	19.2	5.587	-19.505	64.921	2	0	-1	0	0.779	3.868	3.868	45.899	495k	818k	818k	7k	0.997	4167
16195 HeePSing	LH2	8.479	5.646	19.2	5.587	-19.505	65.955	2	0	-1	0	0.738	3.672	3.672	55.099	591k	979k	979k	8k	0.997	4951
16196 HeePSing	LH2	8.479	5.646	19.2	5.587	-19.505	64.463	2	0	-1	0	0.783	3.884	3.884	28.248	304k	502k	502k	4k	0.998	0
16197 HeePSing	LH2	8.479	4.902	23.205	5.587	-21.875	62.07	0	0	-1	0	0.079	1.221	1.221	78.351	95k	1445k	1445k	13k	0.998	0
16198 HeePSing	LH2	8.479	4.902	23.205	5.587	-21.875	69.296	0	0	-1	0	0.084	1.301	1.301	80.475	96k	1484k	1484k	12k	0.998	0
16199 HeePSing	LH2	8.479	4.902	23.205	5.587	-21.875	69.938	0	0	-1	0	0.085	1.333	1.333	77.071	91k	1421k	1421k	11k	0.998	3629
16200 HeePSing	Dummy10cm	8.479	4.902	23.205	5.587	-21.875	9.004	0	0	-1	0	0.025	0.218	0.218	5.483	9k	38k	38k	7k	0.999	0
16201 HeePSing	Dummy10cm	8.479	4.902	23.205	5.587	-21.875	39.71	0	0	-1	0	0.026	0.234	0.234	9.818	6k	58k	58k	2k	0.998	58

Q²=2.12, W=2.05, LH+, SHMS=19.22deg

Run Type	Target	EBeam	P_SHMS	Theta_S		Theta_H		Current	PS1	PS4	PS5	HMS_Rate	SHMS_Rate	Coin_Rate	Charge	Raw	Raw_S	Raw_C	SHMS_Hadron_T	Comments
				HMS	P_HMS	HMS	HMS					(kHz)	(kHz)	(kHz)	(mC)	HMS	HMS	oin		
16203 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	36.047	11	10	0	62.485	150.588	0.953	4.043	12k	14k	90k	1k	0.989	2581
16205 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	47.291	13	0	-1	98.667	237.539	2.033	50.967	73740k	43k	1522k	11k	0.987	30377
16206 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	52.489	13	12	0	100.027	240.594	2.064	36.272	26k	31k	1085k	7k	0.987	22207
16207 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	57.406	13	12	0	103.257	248.415	2.159	93.775	66k	80k	2839k	16k	0.987	56631
16208 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	51.792	13	12	0	101.919	244.847	2.121	94.372	67k	80k	2848k	18k	0.987	56326
16209 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	59.621	13	12	0	103.363	248.42	2.163	93.869	66k	80k	2843k	16k	0.987	56527
16210 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	30.221	13	12	0	101.361	243.225	2.105	84.454	60k	72k	2560k	28k	0.987	51174
16211 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	54.455	13	12	0	88.729	213.038	1.705	125.426	89k	107k	3508k	23k	0.988	77129
16213 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	71.372	13	12	0	110.067	263.93	2.341	85.87	61k	73k	2648k	12k	0.987	51121
16215 Prod	LH2	8.479	2.792	19.22	5.587	-12.14	71.01	13	12	0	107.621	258.085	2.265	25.589	18k	22k	780k	3k	0.987	12491
16219 Prod	Dummy10cm	8.479	2.792	19.22	5.587	-12.14	30.102	10	9	0	17.993	41.122	0.1	51.219	96k	110k	141k	17k	0.994	2213
Q²=2.12, W=2.05, LH+, SHMS=21.22deg																				
16220 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	60.895	11	10	0	100.977	144.397	1.397	116.782	330k	237k	2347k	19k	0.99	69086
16222 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	79.907	11	0	-1	115.514	165.221	1.658	8.474	12250k	17k	176k	1k	0.99	4785
16223 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	62.294	11	0	-1	103.569	148.026	1.443	103.062	149339k	208k	2081k	16k	0.99	60768
16224 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	57.623	11	10	0	101.675	145.418	1.409	83.636	236k	169k	1683k	14k	0.99	49052
16225 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	54.473	11	10	0	98.491	140.631	1.346	82.295	233k	167k	1638k	15k	0.99	48860
16226 Prod	LH2	8.479	2.792	21.22	5.587	-12.14	56.106	11	10	0	94.767	135.294	1.285	8	23k	16k	158k	1k	0.991	4735
16227 Prod	Dummy10cm	8.479	2.792	21.22	5.587	-12.14	26.462	9	8	0	17.513	25.756	0.078	37.403	141k	104k	85k	14k	0.994	1501
Q²=2.12, W=2.05, LH+, SHMS=23.215deg																				
16228 Prod	LH2	8.479	2.792	23.215	5.587	-12.14	78.459	11	10	0	113.633	95.824	1.079	12.111	34k	14k	167k	2k	0.992	6114
16229 Prod	LH2	8.479	2.792	23.215	5.587	-12.14	61.474	11	10	0	98.703	83.15	0.909	115.41	327k	138k	1547k	19k	0.992	58819
16232 Prod	LH2	8.479	2.792	23.215	5.587	-12.14	69.21	11	0	-1	106.861	90.08	1.005	110.252	160101k	132k	1522k	21k	0.992	55628
16233 Prod	LH2	8.479	2.792	23.215	5.587	-12.14	34.937	8	8	0	18.651	17.694	0.068	27.284	102k	97k	49k	8k	0.994	937
Q²=2.12, W=2.05, LH+, SHMS=21.22deg – FADC Deadtime scan																				
16236 Lumi	LH2	8.479	2.792	21.22	5.587	-12.14	40.319	0	11	0	67.279	30.38	30.38	41.844	60k	-27903k	-27903k	10k	0.995	
16237 Lumi	LH2	8.479	2.792	21.22	5.587	-12.14	16.441	0	9	0	28.885	12.659	12.659	37.712	220k	-24765k	-24765k	23k	0.996	
16238 Lumi	LH2	8.479	2.792	21.22	5.587	-12.14	55.8	0	11	0	89.513	40.645	40.645	37.75	54k	-25131k	-25131k	7k	0.992	
16239 Lumi	LH2	8.479	2.792	21.22	5.587	-12.14	27.642	0	10	0	43.173	19.101	19.101	45.76	133k	-30114k	-30114k	16k	0.997	
16240 Lumi	Dummy10cm	8.479	2.792	21.22	5.587	-12.14	15.064	0	10	0	14.12	6.114	6.114	33.481	32k	-7062k	-7062k	23k	0.994	
16241 Lumi	Dummy10cm	8.479	2.792	21.22	5.587	-12.14	29.756	0	10	0	13.68	6.279	6.279	6.266	6k	-1322k	-1322k	2k	0.996	
16242 Lumi	LH2	8.479	2.792	21.22	5.587	-12.14	10.651	0	9	0	17.669	7.722	7.722	34.999	205k	-23055k	-23055k	33k	0.996	