

runlist_pionLT_2021_Eb_9p876

HEEP SINGLES

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate_ (kHz)	SHMS_Rate_ (kHz)	(Coin_Rate_ (kHz)	Charge_ (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	EDTM	SHMS_Hadron_ Tracking	Comments
13133	HeePSing	LH2	9.867	9.03	6.38	5.202	-23.53	7.955	10	0	-1	0.027	404.93	404.93	6.698	19k	476k	476k	9k	0.991 HeePSing
13134	HeePSing	LH2	9.867	9.03	6.38	5.202	-23.53	7.633	10	0	-1	0.028	407.98	407.98	3.509	10k	249k	249k	5k	0.991 HeePSing
13135	HeePSing	Dummy10cm	9.867	9.03	6.38	5.202	-23.53	9.362	9	0	-1	0.016	154.421	154.421	3.852	6k	206k	206k	4k	0.996 HeePSing
13136	HeePSing	Dummy10cm	9.867	9.03	7.73	5.202	-23.53	19.506	10	0	-1	0.029	148.901	148.901	13.694	15k	113k	113k	7k	0.994 HeePSing
13137	HeePSing	LH2	9.867	9.03	7.73	5.202	-23.53	35.87	10	0	-1	0.069	429.447	429.447	30.931	57k	684k	684k	9k	0.985 HeePSing
13138	HeePSing	LH2	9.867	8.035	6.6	5.202	-23.53	10.22	10	0	-1	0.028	359.344	359.344	11.1	28k	685k	685k	11k	0.993 HeePSing
13139	HeePSing	Dummy10cm	9.867	8.035	6.6	5.202	-23.53	11.454	9	0	-1	0.016	133.904	133.904	4.526	6k	211k	211k	4k	0.997 HeePSing
13140	HeePSing	Dummy10cm	9.867	8.035	9.285	5.202	-23.53	27.516	9	0	-1	0.029	58.264	58.264	14.856	13k	92k	92k	5k	0.997 HeePSing
13141	HeePSing	LH2	9.867	8.035	9.285	5.202	-23.53	30.522	9	0	-1	0.104	263.648	263.648	40.464	80k	728k	728k	14k	0.989 HeePSing
13142	HeePSing	LH2	9.867	8.035	10.26	5.202	-23.53	57.53	8	0	-1	0.108	144.838	144.838	38.732	66k	674k	674k	7k	0.992 HeePSing
13143	HeePSing	Dummy10cm	9.867	8.035	10.26	5.202	-23.53	34.567	8	0	-1	0.03	30.026	30.026	14.661	12k	90k	90k	4k	0.997 HeePSing
13144	HeePSing	Dummy10cm	9.867	8.035	10.735	5.202	-23.53	38.706	8	0	-1	0.03	10.874	10.874	18.286	14k	40k	40k	5k	0.997 HeePSing
13145	HeePSing	LH2	9.867	8.035	10.735	5.202	-23.53	54.19	7	0	-1	0.106	53.736	53.736	50.522	86k	659k	659k	9k	0.994 HeePSing
13146	HeePSing	LH2	9.867	8.035	13.795	5.202	-23.53	67.247	5	0	-1	0.113	15.045	15.045	45.005	75k	592k	592k	7k	0.994 HeePSing
13147	HeePSing	Dummy10cm	9.867	8.035	13.795	5.202	-23.53	38.791	5	0	-1	0.03	2.678	2.678	15.252	12k	63k	63k	4k	0.994 HeePSing
13148	HeePSing	Dummy10cm	9.867	6.538	13.305	5.202	-23.53	36.717	5	0	-1	0.03	7.59	7.59	19.558	16k	229k	229k	5k	0.998 heePSing
13149	HeePSing	LH2	9.867	6.538	13.305	5.202	-23.53	35.518	6	0	-1	0.108	37.648	37.648	69.787	126k	1226k	1226k	20k	0.996 HeePSing
13150	HeePSing	LH2	9.867	6.538	13.305	5.202	-23.53	38.289	6	0	-1	0.106	36.746	36.746	103.74	184k	1822k	1822k	27k	0.996 HeePSing
13151	HeePSing	LH2	9.867	6.538	15.655	5.202	-23.53	46.847	4	0	-1	0.108	10.863	10.863	82.387	142k	1537k	1537k	18k	0.997 HeePSing
13152	HeePSing	Dummy10cm	9.867	6.538	15.655	5.202	-23.53	33.155	4	0	-1	0.03	2.072	2.072	18.228	15k	110k	110k	6k	0.997 HeePSing
13154	HeePSing	Dummy10cm	9.867	6.538	17.79	5.202	-23.53	36.06	2	0	-1	0.03	0.669	0.669	21.896	18k	127k	127k	6k	0.998 HeePSing
13155	HeePSing	LH2	9.867	6.538	17.79	5.202	-23.53	43.252	2	0	-1	0.11	3.77	3.77	48.312	85k	921k	921k	11k	0.997 HeePSing
13156	HeePSing	LH2	9.867	6.538	17.79	5.202	-23.53	31.739	2	0	-1	0.106	3.608	3.608	30.693	56k	584k	584k	10k	0.996 HeePSing
13158	HeePSing	Dummy10cm	9.867	6.538	19.85	5.202	-23.53	38.778	0	0	-1	0.03	0.261	0.261	13.907	11k	95k	95k	4k	0.997 HeePSing
13160	HeePSing	Dummy10cm	9.867	6.265	19.05	6.328	-19.885	34.993	1	0	-1	0.041	0.428	0.428	21.375	23k	120k	120k	6k	0.998 N/A
13161	HeePSing	LH2	9.867	6.265	19.05	6.328	-19.885	14.462	1	0	-1	0.123	1.768	1.768	18.38	56k	342k	342k	13k	0.997 N/A
13162	HeePSing	LH2	9.867	6.265	19.05	6.328	-19.885	25.307	1	0	-1	0.152	2.212	2.212	54.769	151k	1010k	1010k	22k	0.997 N/A

HEEP COIN

13164	HeePCoin	LH2	9.867	5.422	23.05	5.366	-23.045	43.948	7	1	0	0.098	4.786	0.013	35.961	31k	44k	10k	8k	0.996	696
13165	HeePCoin	LH2	9.867	5.422	23.05	5.366	-23.045	41.885	7	1	0	0.103	5.011	0.013	149.403	128k	183k	43k	36k	0.995	2855 from script (I get more by hand)
13166	HeePCoin	LH2	9.867	5.422	23.05	5.366	-23.045	46.717	7	1	0	0.105	5.142	0.013	187.313	158k	230k	49k	40k	0.995	3665 Heep events from script
13167	HeePCoin	LH2	9.867	5.422	23.05	5.366	-23.045	50.567	7	1	0	0.106	5.184	0.013	93.055	78k	114k	23k	18k	0.996	1779 Heep events from script
13169	HeePCoin	Dummy10cm	9.867	5.422	23.05	5.366	-23.045	36.112	5	0	0	0.03	0.985	0.01	81.749	65k	125k	23k	23k	0.996	1 eep events

Q²=1.60, W=3.08, LH+, SHMS=6.97deg

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate_ (kHz)	SHMS_Rate_ (kHz)	(Coin_Rate_ (kHz)	Charge_ (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	EDTM	SHMS_Hadron_ Tracking	Comments	
13170	IADC	LH2	9.867	5.422	6.995	4.437	-11.015	28.787	13	10	0	56.066	513.081	2.126	3.462	14k	16k	266k	1k	0.978	fadc mode 10
13171	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	27.577	13	10	0	57.653	527.174	2.193	26	103k	118k	2005k	9k	0.978	17380
13173	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	23.918	13	10	0	57.183	521.48	2.169	35.843	142k	162k	2770k	15k	0.978	24243
13174	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	28.936	13	10	0	58.541	532.72	2.236	17.797	71k	80k	1383k	6k	0.978	11891
13175	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	19.242	13	10	0	38.46	344.969	1.012	5.753	23k	26k	310k	3k	0.985	4213
13176	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	18.153	13	10	0	39.17	350.389	1.025	48.409	194k	217k	2607k	26k	0.985	34890
13178	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	20.948	13	10	0	57.991	524.842	2.204	34.735	139k	158k	2720k	16k	0.978	23606
13179	Prod	LH2	9.867	5.422	6.995	4.437	-11.015	25.573	13	10	0	58.018	524.333	2.201	34.924	140k	158k	2722k	13k	0.978	23309
13180	Prod	Dummy10cm	9.867	5.422	6.995	4.437	-11.015	35.238	12	9	0	26.685	163.368	0.354	43.287	121k	93k	412k	12k	0.991	2607 dummy

Q²=1.60, W=3.08, LH+, SHMS=8.69deg

13186	Prod	LH2	9.867	5.422	8.69	4.437	-11.015	38.333	12	10	0	77.703	337.184	2.001	12.021	48k	52k	637k	3k	0.984	9078
13187	Prod	LH2	9.867	5.422	8.69	4.437	-11.015	34.238	13	11	0	77.389	334.696	1.979	65.138	131k	142k	3444k	19k	0.984	50125
13188	Prod	LH2	9.867	5.422	8.69	4.437	-11.015	36.685	13	11	0	78.419	338.409	2.008	52.29	105k	114k	2763k	14k	0.984	39874
13189	Prod	LH2	9.867	5.422	8.69	4.437	-11.015	33.717	13	11	0	77.217	332.285	1.966	53.003	107k	115k	2798k	15k	0.984	40491

13190 Prod	Dummy10cm	9.867	5.422	8.69	4.437	-11.015	34.35	13	11	0	27.284	78.956	0.21	32.066	23k	16k	180k	9k	0.994	1876
Q²=1.60, W=3.08, LH+, SHMS=10.69deg																				
13191 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	39.589	12	11	0	120.813	217.748	2.194	11.991	24k	21k	444k	3k	0.985	5484
13193 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	32.4	12	11	0	127.314	229.481	2.332	44.22	88k	79k	1657k	14k	0.986	20054
13194 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	15.665	12	11	0	131.762	237.265	2.452	15.818	31k	28k	609k	10k	0.986	7052
13195 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	38.578	12	11	0	128.54	230.998	2.355	62.76	125k	112k	2346k	16k	0.986	28818
13196 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	58.929	12	11	0	133.382	239.573	2.471	72.789	145k	130k	2752k	12k	0.986	32774
13197 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	56.015	12	11	0	130.487	233.843	2.402	66.439	133k	119k	2504k	12k	0.986	30194
13198 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	27.067	12	11	0	129.186	231.155	2.374	22.288	45k	40k	844k	8k	0.986	10415
13199 Prod	LH2	9.867	5.422	10.69	4.437	-11.015	48.795	12	11	0	117.257	208.452	2.023	51.218	103k	92k	1823k	10k	0.986	24175
13200 Prod	Dummy10cm	9.867	5.422	10.69	4.437	-11.015	19.472	12	11	0	26.594	33.383	0.116	16.037	11k	7k	55k	8k	0.996	652

Q²=3.85, W=3.07, LH+, SHMS=7.295deg

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate (kHz)	Coin_Rate (kHz)	Charge (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	EDTM	SHMS_Hadron_ Tracking	Comments	
13202 Prod	LH2		9.867	6.538	7.29	3.271	-19.88	27.158	13	7	0	7.069	474.597	0.276	14.749	31k	33k	80k	5k	0.968	505
13204 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	50.602	13	7	0	7.962	538.943	0.322	193.949	402k	431k	1062k	37k	0.967	6611
13205 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	42.291	13	7	0	7.926	537.437	0.321	146.152	303k	326k	806k	33k	0.966	4771
13206 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	44.467	13	7	0	7.641	517.673	0.307	121.541	251k	270k	660k	27k	0.967	4212
13207 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	48.176	13	7	0	8.03	546.03	0.327	178.286	368k	397k	980k	36k	0.967	6148
13208 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	40.88	13	7	0	7.865	535.16	0.318	149.726	308k	333k	822k	36k	0.967	5204
13209 Prod	LH2		9.867	6.538	7.295	3.271	-19.885	49.146	13	7	0	8.143	555.928	0.333	50.735	104k	113k	280k	10k	0.967	1705
13210 Prod	Dummy10cm		9.867	6.538	7.295	3.271	-19.885	36.302	10	5	0	1.884	69.323	0.021	51.97	152k	185k	30k	14k	0.991	136 dummy

Q²=3.85, W=3.07, LH+, SHMS=9.29deg

13212 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	31.266	12	8	0	8.356	204.225	0.151	61.84	64k	98k	158k	20k	0.983	2528
13213 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	37	12	8	0	8.236	201.192	0.149	131.274	136k	208k	330k	36k	0.983	5514
13214 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	48.848	12	8	0	8.677	213.011	0.158	175.989	181k	280k	435k	36k	0.983	7460
13215 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	38.368	12	8	0	8.258	202.055	0.148	138.627	143k	220k	345k	36k	0.982	5898
13216 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	49.376	12	8	0	8.446	207.137	0.153	177.709	183k	282k	434k	36k	0.983	7450
13217 Prod	LH2		9.867	6.538	9.29	3.271	-19.885	66.762	12	8	0	8.791	216.286	0.16	60.134	62k	96k	145k	9k	0.982	2563
13218 Prod	Dummy10cm		9.867	6.538	9.29	3.271	-19.885	27.543	9	5	0	1.869	27.099	0.017	30.898	90k	86k	17k	11k	0.994	88 dummy
13219 Prod	Dummy10cm		9.867	6.538	9.29	3.271	-19.885	32.31	9	5	0	1.816	26.262	0.016	12.775	37k	36k	6k	4k	0.993	38 dummy

Q²=3.85, W=3.07, LH+, SHMS=11.29deg

13222 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	42.521	11	8	0	8.429	75.374	0.073	66.792	69k	77k	82k	16k	0.989	1959
13223 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	45.013	11	8	0	8.195	73.142	0.07	173.932	179k	201k	208k	39k	0.989	4863
13224 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	38.671	11	8	0	8.253	73.667	0.071	137.564	142k	159k	170k	36k	0.989	3873
13225 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	53.295	11	8	0	8.433	75.331	0.072	188.238	194k	218k	220k	35k	0.99	5224
13226 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	45.428	11	8	0	8.322	74.276	0.071	191.553	197k	221k	228k	42k	0.989	5345
13227 Prod	Dummy10cm		9.867	6.538	11.29	3.271	-19.885	28.967	11	8	0	1.847	11.004	0.014	49.989	19k	14k	23k	17k	0.996	112
13228 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	36.818	11	8	0	7.852	69.772	0.067	129.86	134k	150k	160k	35k	0.989	3628
13229 Prod	LH2		9.867	6.538	11.29	3.271	-19.885	49.615	11	8	0	8.387	74.966	0.072	125.734	129k	145k	148k	25k	0.989	3418 pions

Q²=5.00, W=2.95, LH+, SHMS=7.725deg

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate (kHz)	Coin_Rate (kHz)	Charge (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	EDTM	SHMS_Hadron_ Tracking	Comments	
13231 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	43.953	13	6	0	3.075	415.503	0.106	180.704	269k	292k	319k	41k	0.971	2653
13232 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	23.251	13	6	0	2.581	343.998	0.086	112.703	169k	180k	212k	49k	0.972	13232
13233 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	30.176	13	6	0	2.803	376.599	0.095	127.181	190k	204k	231k	42k	0.972	1995
13234 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	23.061	13	6	0	2.634	349.168	0.084	60.373	90k	96k	110k	27k	0.973	936
13235 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	45.932	13	6	0	2.726	359.536	0.084	168.851	252k	267k	261k	36k	0.975	2508
13237 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	28.893	13	6	0	2.478	324.304	0.075	104.505	157k	164k	171k	36k	0.976	1669
13238 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	40.708	13	6	0	2.664	351.08	0.081	147.302	219k	232k	230k	36k	0.976	2219
13239 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	40.353	13	6	0	2.699	355.68	0.082	146.624	218k	231k	230k	36k	0.976	2252
13240 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	37.76	13	6	0	2.601	341.579	0.079	145.693	217k	229k	228k	38k	0.974	2288
13241 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	43.091	13	6	0	2.729	359.881	0.084	174.047	259k	275k	271k	40k	0.975	2619
13242 Prod	LH2		9.867	6.719	7.725	3.043	-23.535	46.02	13	6	0	2.746	362.718	0.085	168.677	251k	266k	261k	36k	0.975	2546
13243 Prod	Dummy10cm		9.867	6.719	7.725	3.043	-23.535	30.761	11	4	0	0.729	49.578	0.013	132.026	284k	169k	55k	43k	0.993	162

13244 Prod	Dummy10cm	9.867	6.719	7.725	3.043	-23.535	32.904	11	4	0	0.721	49.126	0.013	132.629 284k	170k	53k	40k	0.994	154
13246 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	34.933	13	6	0	2.612	344.561	0.081	124.693 185k	196k	202k	36k	0.973	1817
13247 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	41.193	13	6	0	2.874	384.189	0.093	155.362 230k	247k	257k	37k	0.974	2389
13248 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	51.827	13	6	0	2.879	384.325	0.093	186.52 276k	296k	298k	35k	0.974	2806
13249 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	43.182	13	6	0	2.546	335.948	0.079	126.049 187k	198k	196k	29k	0.975	1907
13250 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	44.808	13	6	0	2.662	352.83	0.084	159.123 236k	251k	251k	35k	0.976	2366
13251 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	38.329	13	6	0	2.58	341.013	0.08	177.318 263k	279k	283k	46k	0.974	2710
13252 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	42.479	13	6	0	2.647	349.712	0.082	161.97 240k	255k	254k	38k	0.974	2553
13253 Prod	LH2	9.867	6.719	7.725	3.043	-23.535	47.607	13	6	0	2.633	348.051	0.082	118.721 176k	187k	183k	25k	0.974	1693

Q²=5.00, W=2.95, LH+, SHMS=9.730deg

13255 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	50.028	11	6	0	2.845	132.071	0.044	186.456 275k	411k	146k	37k	0.986	3367
13256 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	44.615	11	6	0	2.756	127.63	0.043	184.649 273k	407k	149k	41k	0.986	3242
13257 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	41.522	11	6	0	2.72	125.935	0.042	171.383 254k	377k	141k	41k	0.986	3114
13258 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	34.597	11	6	0	2.678	123.789	0.042	142.387 211k	313k	124k	41k	0.987	2588
13259 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	52.403	11	6	0	2.699	123.737	0.04	197.932 293k	432k	147k	37k	0.987	3600
13260 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	45.203	11	6	0	2.647	121.304	0.04	187.191 277k	409k	144k	41k	0.988	3464
13261 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	41.912	11	6	0	2.746	126.425	0.042	65.101 96k	143k	52k	16k	0.986	1192
13262 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	51.371	11	6	0	2.883	134.071	0.045	194.809 287k	430k	152k	38k	0.985	3567
13263 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	57.047	11	6	0	2.916	135.92	0.046	203.685 300k	450k	157k	35k	0.986	3674
13264 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	56.573	11	6	0	2.914	135.768	0.045	228.365 336k	504k	175k	40k	0.984	4127
13265 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	44.407	11	6	0	2.795	129.727	0.044	88.097 130k	194k	72k	20k	0.987	1648
13266 Prod	Dummy10cm	9.867	6.719	9.73	3.043	-23.535	28.502	9	4	0	0.713	19.009	0.012	113.556 244k	227k	46k	40k	0.994	114
13267 Prod	Dummy10cm	9.867	6.719	9.73	3.043	-23.535	27.697	9	4	0	0.701	18.718	0.012	115.785 248k	231k	48k	42k	0.995	150
13268 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	45.675	11	6	0	2.669	122.529	0.04	173.354 256k	379k	134k	38k	0.988	3214
13269 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	19.346	11	6	0	2.569	117.759	0.039	52.135 78k	114k	57k	28k	0.986 913 pions	
13270 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	43.518	11	6	0	2.644	121.487	0.04	151.568 224k	331k	119k	35k	0.988	2800
13272 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	46.781	11	6	0	2.634	120.959	0.04	165.953 245k	362k	128k	35k	0.987	2982
13273 Prod	LH2	9.867	6.719	9.73	3.043	-23.535	33.755	11	6	0	2.609	119.641	0.039	122.747 182k	267k	104k	37k	0.988	2268

Q²=5.00, W=2.95, LH+, SHMS=11.74deg

13276 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	41.384	10	6	0	2.688	45.921	0.025	120.633 178k	195k	63k	29k	0.993	1514
13277 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	55.786	10	6	0	2.718	46.562	0.026	56.731 83k	92k	26k	10k	0.992	706
13278 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	33.302	10	6	0	2.834	49.574	0.027	72.897 107k	120k	43k	22k	0.988	935
13279 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	45.202	10	6	0	2.787	48.292	0.027	160.321 235k	262k	82k	35k	0.99	2159
13280 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	48.486	10	6	0	2.861	49.661	0.027	172.652 253k	282k	85k	36k	0.991	2182
13281 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	42.977	10	6	0	2.917	50.737	0.028	39.157k	64k	21k	9k	0.993	532
13283 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	48.411	10	6	0	2.866	49.83	0.027	100.583 147k	165k	50k	21k	0.99	1249
13284 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	37.069	10	6	0	2.707	47.372	0.027	105.868 155k	174k	60k	29k	0.989	1354
13285 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	49.15	10	6	0	2.852	49.501	0.027	184.077 270k	301k	91k	37k	0.991	2332
13286 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	47.207	10	6	0	2.825	49.013	0.027	168.241 246k	275k	84k	36k	0.989	2115
13287 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	45.988	10	6	0	2.773	47.985	0.026	165.916 243k	270k	83k	36k	0.99	2116
13288 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	24.468	10	6	0	2.612	45.002	0.025	93.748 138k	152k	65k	39k	0.988	1140
13289 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	45.035	10	6	0	2.79	48.25	0.026	160.073 234k	261k	81k	36k	0.99	1983
13290 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	33.804	10	6	0	2.814	48.695	0.027	119.365 175k	195k	70k	36k	0.99 1521 pions	
13291 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	41.743	10	6	0	2.734	47.043	0.026	155.403 228k	252k	81k	37k	0.987	1953
13292 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	36.789	10	6	0	2.77	47.843	0.026	130.658 192k	213k	73k	36k	0.991 1728 pions	
13293 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	31.528	10	6	0	2.77	47.807	0.026	117.546 173k	191k	71k	38k	0.989	1440
13294 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	47.16	10	6	0	2.693	46.346	0.026	175.082 257k	284k	86k	37k	0.99	2188
13295 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	41.485	10	6	0	2.803	48.418	0.026	140.778 206k	229k	74k	34k	0.991	1714
13296 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	50.502	10	6	0	2.797	48.351	0.026	173.027 253k	282k	83k	34k	0.989 2308 pions	
13297 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	41.547	10	6	0	2.562	43.724	0.024	139.056 204k	224k	71k	33k	0.991	1744
13298 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	46.516	10	6	0	2.62	44.698	0.025	186.15 274k	300k	91k	40k	0.991	2333
13299 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	40.983	10	6	0	2.64	45.151	0.025	146.737 216k	237k	77k	36k	0.992	1897
13300 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	39.23	10	6	0	2.659	45.53	0.025	138.735 204k	224k	74k	35k	0.99	1851
13301 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	37.414	10	6	0	2.725	46.8	0.026	132.738 195k	215k	73k	36k	0.99	1687
13304 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	54.657	10	6	0	3.129	55.396	0.03	193.971 283k	322k	94k	35k	0.99	2369
13305 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	50.419	10	6	0	3.124	55.285	0.03	178.52 260k	296k	90k	35k	0.989	2260

13306 Prod	LH2	9.867	6.719	11.735	3.043	-23.535	49.808	10	6	0	3.133	55.458	0.03	164.18 239k	272k	83k	33k	0.99	2170
13307 Prod	Dummy10cm	9.867	6.719	11.735	3.043	-23.535	31.321	8	4	0	0.714	8.049	0.011	123.629 263k	206k	44k	40k	0.991	86
13308 Prod	Dummy10cm	9.867	6.719	11.735	3.043	-23.535	35.626	8	4	0	0.724	8.176	0.011	129.191 273k	215k	41k	36k	0.998	121

Q²=6.00, W=3.19, LH+, SHMS=8.595deg

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate_ (kHz)	Coin_Rate_ (kHz)	Charge_ (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	SHMS_Hadron_ EDTM Tracking	Comments
13309 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	51.965	12	6	0	2.208	143.69	0.033	184.731 192k	201k	102k	35k	0.973	297
13310 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.616	12	6	0	2.135	138.332	0.032	181.759 189k	197k	100k	36k	0.977	304
13312 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	44.614	12	6	0	2.142	138.072	0.032	159.453 167k	173k	92k	36k	0.974	280
13313 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	55.785	12	6	0	2.209	143.093	0.033	202.184 211k	220k	109k	36k	0.977	376
13314 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	40.671	12	6	0	2.189	141.569	0.032	96.799 101k	105k	58k	24k	0.972	160
13315 Prod	Dummy10cm	9.867	8.035	8.595	1.725	-34.52	36.45	12	6	0	0.564	15.499	0.011	132.352 60k	27k	39k	36k	0.985	10
13316 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	52.342	12	6	0	2.203	142.747	0.033	185.215 193k	202k	101k	35k	0.975	331
13317 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.697	12	0	-1	2.187	141.481	0.032	185.952 6407k	202k	102k	37k	0.973	322
13319 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	46.155	12	6	0	2.167	140.017	0.032	151.535 158k	165k	86k	33k	0.973	273
13320 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	44.241	12	6	0	2.189	141.702	0.032	148.35 155k	161k	86k	33k	0.976	240
13321 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	43.729	12	6	0	2.214	143.825	0.033	178.203 186k	194k	105k	41k	0.971	332
13323 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	16.741	12	6	0	1.358	79.706	0.02	63.504 68k	63k	55k	39k	0.98	123
13324 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	37.022	12	6	0	1.891	118.24	0.027	103.002 108k	108k	60k	28k	0.98	200
13325 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	56.934	12	6	0	2.229	147.13	0.034	230.344 239k	253k	124k	40k	0.971	327
13326 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.572	12	6	0	2.223	146.679	0.033	202.758 210k	223k	110k	37k	0.973	356
13327 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.623	12	6	0	2.192	144.226	0.033	206.866 214k	227k	115k	41k	0.973	361
13328 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	46.928	12	6	0	2.156	141.409	0.032	157 163k	172k	89k	33k	0.975	282
13329 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.102	12	6	0	2.157	141.612	0.032	196.752 204k	215k	106k	36k	0.975	332
13330 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	44.016	12	6	0	2.159	141.662	0.032	171.982 178k	188k	100k	39k	0.975	294
13331 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	58.134	12	6	0	2.216	146.252	0.033	254.284 263k	280k	135k	43k	0.977	463
13332 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	45.624	12	6	0	2.152	141.237	0.032	151.533 157k	165k	87k	33k	0.972	282
13333 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	47.955	12	6	0	2.148	140.845	0.032	166.78 173k	182k	93k	35k	0.971	302
13334 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	48.335	12	6	0	2.182	143.202	0.033	165.999 172k	182k	94k	34k	0.975	305
13335 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	47.981	12	6	0	2.195	144.416	0.033	171.134 178k	188k	97k	36k	0.974	302
13337 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	42.886	12	6	0	2.192	144.192	0.033	149.058 155k	164k	88k	35k	0.973	247
13338 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	6.629	12	6	0	2.248	148.782	0.034	19.188 21k	21k	40k	33k	0.979	36
13339 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	41.411	12	6	0	2.128	139.838	0.032	129.412 134k	142k	77k	31k	0.974	261
13340 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.275	12	6	0	2.224	147.043	0.033	206.939 214k	228k	113k	38k	0.975	361
13342 Prod	Dummy10cm	9.867	8.035	8.595	1.725	-34.52	34.182	8	3	0	0.559	15.585	0.011	121.912 362k	391k	38k	36k	0.986	7
13343 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	55.209	12	6	0	2.215	146.345	0.033	154.968 161k	171k	84k	28k	0.975	264
13344 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	45.995	12	6	0	2.158	142.101	0.032	165.733 172k	182k	95k	36k	0.971	276
13345 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	51.295	12	6	0	2.162	142.306	0.032	211.23 219k	232k	116k	41k	0.97	347
13346 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	58.493	12	6	0	2.212	145.993	0.033	209.88 217k	231k	111k	36k	0.975	375
13347 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	56.607	12	6	0	2.183	143.896	0.033	244.638 253k	269k	131k	43k	0.973	433
13348 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	52.997	12	6	0	2.201	144.913	0.033	212.896 221k	234k	117k	40k	0.975	372
13349 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	51.388	12	6	0	2.185	143.816	0.033	180.515 187k	198k	100k	35k	0.976	338
13350 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	45.463	12	6	0	2.202	144.986	0.033	161.627 168k	178k	93k	35k	0.974	254
13352 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	57.109	12	6	0	2.232	147.533	0.034	201.276 208k	222k	108k	35k	0.973	332
13353 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	47.278	12	6	0	2.175	142.835	0.033	169.908 176k	186k	97k	36k	0.973	260
13354 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	52.273	12	6	0	2.191	144.058	0.033	197.059 204k	215k	107k	38k	0.971	380
13355 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	48.865	12	6	0	2.154	141.055	0.032	169.188 175k	184k	94k	34k	0.976	305
13356 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	51.874	12	6	0	2.035	130.683	0.03	176.744 183k	189k	92k	34k	0.97	337
13357 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	35.849	12	6	0	2.107	137.131	0.031	121.221 126k	131k	76k	34k	0.973	212

Q²=6.00, W=3.19, LH+, SHMS=6.595deg

Run	Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate_ (kHz)	Coin_Rate_ (kHz)	Charge_ (mC)	Raw_H MS	Raw_S HMS	Raw_C oin	SHMS_Hadron_ EDTM Tracking	Comments
13360 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	46.38	14	0	-1	2.128	489.227	0.085	190.774 6458k	181k	268k	41k	0.948	406
13361 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	52.1	14	6	0	2.201	506.902	0.087	198.237 203k	188k	273k	38k	0.947	442
13362 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	57.362	14	6	0	2.193	505.074	0.087	196.831 202k	187k	268k	34k	0.951	460
13363 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	20.294	14	6	0	1.871	420.427	0.071	74.326 77k	69k	120k	37k	0.949	164

13364 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	36.134	14	6	0	2.139	492.409	0.085	148.817	153k	141k	218k	41k	0.948	305
13365 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	58.473	14	6	0	2.217	512.595	0.089	236.669	242k	225k	326k	40k	0.948	526
13366 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	55.434	14	6	0	2.212	510.798	0.088	214.09	219k	203k	294k	38k	0.947	511 pions
13367 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	60.457	14	6	0	2.195	504.765	0.087	222.407	228k	211k	301k	36k	0.95	470 pions
13368 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.009	14	6	0	2.194	504.606	0.087	210.529	216k	200k	286k	35k	0.95	455
13369 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	54.559	14	6	0	2.191	502.449	0.086	193.076	198k	183k	263k	35k	0.951	428
13370 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.497	14	6	0	2.213	508.136	0.088	210.524	216k	200k	285k	35k	0.95	487 ppions
13371 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	54.984	14	6	0	2.19	500.475	0.086	196.409	202k	186k	267k	35k	0.95	408
13372 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	48.61	14	6	0	2.139	486.016	0.084	172.046	177k	162k	237k	35k	0.949	376 pions
13373 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	57.389	14	6	0	2.166	493.664	0.085	199.514	205k	188k	269k	34k	0.952	422
13374 Prod	Dummy10cm	9.867	8.035	6.595	1.725	-34.52	35.026	10	4	0	0.563	47.768	0.012	121.272	199k	296k	41k	35k	0.979	17
13375 Prod	Dummy10cm	9.867	8.035	6.595	1.725	-34.52	35.614	10	4	0	0.565	48.14	0.012	128.12	210k	313k	43k	36k	0.99	18
13376 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	50.056	14	6	0	2.217	511.552	0.089	179.576	184k	171k	254k	35k	0.947	385
13377 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	55.951	14	6	0	2.228	515.337	0.09	192.447	197k	184k	269k	34k	0.948	399
13378 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	12.703	14	6	0	2.01	461.356	0.081	13.824	14k	13k	28k	11k	0.942	37
13379 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	50.868	14	6	0	2.234	517.1	0.091	183.438	188k	175k	260k	36k	0.946	387
13380 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.741	14	6	0	2.242	518.728	0.091	200.691	206k	192k	281k	35k	0.95	474
13381 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	46.361	14	6	0	2.208	509.105	0.089	162.537	167k	155k	231k	35k	0.945	372
13382 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.241	14	6	0	2.214	510.574	0.089	203.795	209k	194k	283k	36k	0.948	421
13383 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.193	14	6	0	2.242	518.327	0.09	194.859	200k	186k	271k	34k	0.946	423
13384 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	54.3	14	6	0	2.173	498.152	0.087	191.742	197k	182k	265k	35k	0.951	416
13385 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	60.003	14	6	0	2.214	507.973	0.088	213.985	220k	203k	292k	35k	0.949	425
13386 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	60.484	14	6	0	2.207	505.803	0.088	219.851	226k	209k	299k	36k	0.946	504
13387 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	47.059	14	6	0	2.182	497.409	0.085	182.647	188k	173k	254k	38k	0.951	418
13388 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	50.743	14	6	0	2.194	501.055	0.087	182.139	188k	173k	252k	35k	0.948	396
13389 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	54.244	14	6	0	2.2	502.592	0.087	211.243	218k	200k	290k	38k	0.95	456
13390 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	61.865	14	6	0	2.216	507.03	0.088	225.11	232k	214k	304k	36k	0.948	530 pions
13392 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	51.16	14	6	0	2.167	492.342	0.085	182.467	188k	172k	251k	35k	0.951	390
13393 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	52.128	14	6	0	2.064	463.994	0.08	177.209	183k	166k	238k	33k	0.949	389
13394 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.103	14	6	0	2.198	501.749	0.087	210.762	217k	200k	287k	35k	0.95	481
13395 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	55.309	14	6	0	2.209	504.833	0.088	196.65	203k	187k	271k	35k	0.949	446
13396 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	49.525	14	6	0	2.232	510.776	0.089	175.066	181k	167k	246k	35k	0.951	369
13397 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.689	14	6	0	2.244	514.632	0.09	212.743	220k	203k	294k	35k	0.949	455
13398 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.134	14	6	0	2.237	513.646	0.09	209.622	216k	200k	291k	35k	0.948	452
13399 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	39.505	14	6	0	2.215	507.793	0.089	150.025	155k	143k	221k	38k	0.949	308
13400 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	50.486	14	6	0	2.204	505.299	0.088	166.615	172k	159k	235k	33k	0.948	390
13403 Prod	Dummy10cm	9.867	8.035	6.595	1.725	-34.52	33.326	10	4	0	0.564	47.761	0.012	180.642	300k	444k	64k	54k	0.991	35
13404 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	52.07	14	6	0	2.205	506.488	0.089	183.83	190k	176k	260k	35k	0.951	381
13405 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.076	14	6	0	2.276	526.401	0.093	201.578	208k	194k	284k	34k	0.949	449
13406 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	60.634	14	6	0	2.243	518.396	0.091	294.863	304k	283k	413k	48k	0.949	616
13407 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	57.494	14	6	0	2.272	526.726	0.093	200.962	207k	193k	285k	34k	0.949	472
13408 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	61.471	14	6	0	2.249	519.561	0.092	213.418	220k	205k	299k	34k	0.948	476
13409 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	59.035	14	6	0	2.244	518.433	0.092	218.468	226k	210k	308k	36k	0.949	457
13410 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.524	14	6	0	2.26	523.372	0.092	199.075	205k	191k	282k	35k	0.948	432
13411 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.109	14	6	0	2.244	518.631	0.092	271.159	280k	260k	385k	47k	0.953	580
13412 Prod	LH2	9.867	8.035	6.595	1.725	-34.52	56.725	14	6	0	2.243	518.096	0.092	238.693	247k	229k	338k	41k	0.948	529

Q²=6.00, W=3.19, LH+, SHMS=8.595deg

Run Type	Target	EBeam	P_SHMS	Theta_S HMS	Theta_H P_HMS MS	Current	PS1	PS4	PS5	HMS_Rate (kHz)	SHMS_Rate (kHz)	Coin_Rate (kHz)	Charge (mC)	Raw_H	Raw_S	Raw_C	SHMS_Hadron	Tracking	Comments	
13414 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.129	12	6	0	2.218	145.888	0.034	191.732	198k	210k	105k	35k	0.973	351
13415 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	52.954	12	6	0	2.257	148.935	0.034	194.589	201k	213k	108k	37k	0.971	329
13416 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	58.076	12	6	0	2.292	151.465	0.035	208.298	215k	229k	113k	36k	0.97	351
13417 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.009	12	6	0	2.243	147.605	0.034	203.355	210k	223k	113k	37k	0.971	339
13418 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	34.179	12	6	0	2.253	148.795	0.034	72.591	75k	79k	48k	21k	0.967	111
13419 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	61.788	12	6	0	2.301	152.478	0.035	222.77	229k	245k	118k	36k	0.973	377
13420 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	60.775	12	6	0	2.276	150.035	0.035	152.288	157k	167k	81k	25k	0.973	247
13421 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	45.547	12	6	0	2.282	150.741	0.035	188.305	195k	207k	111k	41k	0.971	356

13422 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	55.133	12	6	0	2.227	146.618	0.034	189.293 196k	208k	103k	34k	0.97	296
13423 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	35.546	10	4	0	0.564	15.671	0.011	183.55 304k	148k	55k	52k	0.987	21
13424 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	49.074	12	6	0	2.189	143.397	0.033	215.493 224k	235k	121k	44k	0.971	394
13425 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.59	12	6	0	2.191	143.649	0.033	186.956 193k	204k	104k	37k	0.974	322
13426 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	60.445	12	6	0	2.214	145.272	0.033	234.849 243k	256k	123k	39k	0.976	388
13427 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	58.476	12	6	0	2.218	145.706	0.033	217.151 224k	237k	115k	37k	0.97	357
13429 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.458	12	0	-1	2.187	143.232	0.033	195.226 6644k	212k	105k	36k	0.973	328
13430 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	61.78	12	6	0	2.216	145.447	0.033	226.744 233k	246k	117k	36k	0.975	360
13431 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.282	12	6	0	2.152	140.248	0.032	186.35 192k	201k	102k	37k	0.972	312
13432 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	54.194	12	6	0	2.166	141.318	0.033	185.934 192k	201k	100k	34k	0.969	325
13433 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	57.733	12	6	0	2.185	142.693	0.033	202.169 208k	219k	106k	35k	0.976	351
13434 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	59.571	12	6	0	2.207	143.951	0.033	225.096 232k	243k	117k	38k	0.975	396
13435 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	27.185	12	6	0	2.176	141.915	0.033	52.593 55k	57k	38k	20k	0.969	89
13437 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	56.621	12	6	0	2.197	143.367	0.033	180.587 186k	195k	96k	32k	0.972	310
13438 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	60.596	12	6	0	2.21	144.288	0.033	220.718 227k	239k	114k	36k	0.974	354
13439 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	56.394	12	6	0	2.179	141.845	0.032	199.388 205k	215k	105k	35k	0.972	331
13440 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	45.878	12	6	0	2.192	142.701	0.033	163.404 168k	176k	93k	36k	0.975	285
13441 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	39.365	12	6	0	2.001	128.784	0.03	139.79 144k	149k	83k	36k	0.973	240
13442 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	59.583	12	6	0	2.22	145.237	0.033	207.728 214k	225k	108k	35k	0.974	374
13443 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	52.206	12	6	0	2.192	143.03	0.033	189.444 195k	205k	103k	36k	0.97	308
13444 Prod	LH2	9.867	8.035	8.595	1.725	-34.52	50.162	12	6	0	2.192	143.108	0.033	233.292 240k	252k	129k	46k	0.973	387

Run	Type	Target	EBeam	P_SHMS	HMS	Theta_S	Theta_H	Current	PS1	PS4	PS5	HMS_Rate_	SHMS_Rate_	Coin_Rate_	Charge_	Raw_H	Raw_S	Raw_C	SHMS_Hadron_	Comments
						P_HMS	MS					(kHz)	(kHz)	(kHz)	(mC)	MS	HMS	oin	EDTM	Tracking