

runlist\_pionLT\_2021\_Eb\_5p985

HEEP COIN

Run	Type	Target	EBeam	P_SHMS	Theta_SHMS	Theta_P_HMS	Theta_HMS	Current	PS1	PS4	PS5	HMS_Rate	SHMS_Rate	(Coin_Rate)	Charge	Raw_HMS	Raw_S	Raw_Coin	EDTM	SHMS_Hadron_Tracking	Comments
13054	HeePCoin	LH2	5.985	3.4	28.28	3.4	-28.285	33.867	6	1	0	0.177	2.722	0.03	5.2718k	8k	4k	2k	0.997	1267	
13055	HeePCoin	LH2	5.985	3.4	28.28	3.4	-28.285	47.631	6	1	0	0.194	3.038	0.033	86.315133k	124k	49k	18k	0.996	20450	
13056	HeePCoin	LH2	5.985	3.4	28.28	3.4	-28.285	49.365	6	1	0	0.194	3.047	0.033	121.316187k	175k	68k	25k	0.996	28554	
13057	HeePCoin	Dummy10cm	5.985	3.4	28.28	3.4	-28.285	38.45	6	1	0	0.047	0.906	0.01	24.54415k	18k	7k	6k	0.995	13	
13058	HeePCoin	LH2	5.985	3.493	27.495	3.271	-29.17	50.85	6	1	0	0.18	3.13	0.029	90.216130k	135k	46k	18k	0.996	17873	
13060	HeePCoin	LH2	5.985	3.493	27.495	3.271	-29.17	50.119	6	1	0	0.163	2.864	0.027	7.32210k	11k	4k	1k	0.996	1437	
13061	HeePCoin	LH2	5.985	3.493	27.495	3.271	-29.17	40.477	6	1	0	0.174	3.013	0.029	120.677177k	181k	67k	30k	0.995	23897	
13062	Prod	Dummy10cm	5.985	3.493	27.495	3.271	-29.17	36.938	6	1	0	0.045	0.898	0.01	27.90617k	20k	8k	8k	0.995	0	

Q<sup>2</sup>=3.85, W=2.02, LH+, SHMS=13.785deg

13063	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	49.607	12	5	0	1.304	186.955	0.033	90.915109k	130k	52k	18k	0.99	1235
13064	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	47.116	12	5	0	1.296	185.871	0.033	84.745102k	121k	49k	18k	0.99	1118
13065	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	43.076	12	5	0	1.263	181.183	0.033	84.471102k	121k	51k	20k	0.989	1190
13066	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	38.076	12	5	0	1.272	182.341	0.033	87.567106k	125k	56k	23k	0.99	1256
13067	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	52.352	12	5	0	1.298	186.134	0.033	98.232118k	140k	55k	19k	0.99	1293
13068	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	55.287	12	5	0	1.308	187.637	0.033	126.399152k	180k	69k	23k	0.989	1687
13070	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	37.345	12	0	-1	1.287	184.487	0.033	107.2682201k	153k	68k	29k	0.99	1444
13071	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	56.57	12	0	-1	1.312	188.145	0.034	111.9162285k	160k	61k	20k	0.99	1470
13073	Prod	LH2	5.985	3.493	13.785	2.229	-31.15	46.862	12	5	0	1.325	189.952	0.034	119.31144k	170k	70k	25k	0.989	1552
13075	Prod	Dummy10cm	5.985	3.493	13.785	2.229	-31.15	31.043	9	2	0	0.275	27.681	0.011	60.741150k	174k	22k	20k	1	22

Q<sup>2</sup>=3.85, W=2.02, LH+, SHMS=15.79deg

13076	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	14.474	11	5	0	1.036	80.344	0.023	4.2785k	7k	4k	3k	0.998	77
13077	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	66.799	11	5	0	1.337	104.379	0.027	16.83320k	26k	7k	3k	0.993	227
13078	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	59.987	11	0	-1	1.341	104.391	0.027	214.4134378k	332k	92k	36k	0.993	3084
13079	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	57.784	11	0	-1	1.305	101.414	0.027	210.9944317k	327k	92k	36k	0.992	3199
13080	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	62.175	11	5	0	1.321	102.674	0.027	73.61689k	114k	31k	12k	0.991	1056
13081	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	60.795	11	5	0	1.335	103.817	0.027	218.768263k	339k	93k	36k	0.992	3057
13082	Prod	LH2	5.985	3.493	15.79	2.229	-31.15	58.758	11	5	0	1.34	104.169	0.027	112.384135k	174k	49k	19k	0.991	1639
13084	Prod	Dummy10cm	5.985	3.493	15.79	2.229	-31.15	34.585	8	2	0	0.278	16.294	0.011	60.86149k	203k	19k	18k	0.997	31 pions

Q<sup>2</sup>=3.85, W=2.02, LH+, SHMS=17.795deg

13085	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	52.636	10	5	0	1.23	50.574	0.021	13.63616k	22k	5k	3k	0.995	188
13086	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	64.52	10	0	-1	1.344	55.16	0.022	231.7994740k	379k	80k	36k	0.995	3039
13087	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	66.004	10	5	0	1.345	55.264	0.023	83.386100k	137k	29k	13k	0.993	1116
13088	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	61.406	10	5	0	1.325	54.369	0.022	221.728267k	363k	78k	36k	0.995	2918
13089	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	54.462	10	5	0	1.3	53.309	0.022	195.373236k	320k	74k	36k	0.994	2562
13090	Prod	LH2	5.985	3.493	17.795	2.229	-31.15	57.842	10	5	0	1.295	53.079	0.022	107.503130k	176k	39k	19k	0.995	1484
13091	Prod	Dummy10cm	5.985	3.493	17.795	2.229	-31.15	31.963	10	5	0	0.274	9.301	0.011	47.2421k	23k	16k	15k	1	32

HEEP SINGLES

Run	Type	Target	EBeam	P_SHMS	Theta_SHMS	Theta_P_HMS	Theta_HMS	Current	PS1	PS4	PS5	HMS_Rate	SHMS_Rate	(Coin_Rate)	Charge	Raw_HMS	Raw_S	Raw_Coin	EDTM	SHMS_Hadron_Tracking	Comments
13093	HeePSing	Dummy10cm	5.985	5.512	9.43	5.202	-12.4	24.968	10	7	-1	15.965	145.147	145.147	10.87197k	111k	111k	5k	0.997	n/a	
13094	HeePSing	Dummy10cm	5.985	5.512	8.255	5.202	-13.785	10.187	10	5	-1	2.368	132.412	132.412	5.42367k	123k	123k	6k	0.997	n/a	
13095	HeePSing	LH2	5.985	5.512	8.255	5.202	-13.785	6.135	10	4	-1	7.202	357.115	357.115	8.721631k	548k	548k	3k	0.994		
13096	HeePSing	LH2	5.985	5.512	7.725	5.202	-15.79	5.442	10	0	-1	1.027	349.042	349.042	5.155723k	475k	475k	20k	0.994		
13098	HeePSing	Dummy10cm	5.985	5.512	7.725	5.202	-15.79	37.926	10	1	-1	1.451	601.932	601.932	15.626298k	482k	482k	4k	0.991		
13099	HeePSing	Dummy10cm	5.985	5.422	7.29	4.707	-17.79	38.523	11	0	-1	1	809.917	809.917	17.131452k	357k	357k	4k	0.987		

13100	HeePSing	LH2	5.985	5.422	7.29	4.707	-17.79	6.968	10	0	-1	0.679	476.699	476.699	4.948 449k	613k	613k	7k	0.993	
13102	HeePSing	LH2	5.985	5.422	10.26	4.396	-19.88	48.31	10	1	-1	1.96	407.998	407.998	38.15 778k	632k	632k	8k	0.99	
13103	HeePSing	Dummy10cm	5.985	5.422	10.26	4.396	-19.88	38.742	8	0	-1	0.479	118.928	118.928	16.389 203k	391k	391k	4k	0.997	
13105	HeePSing	Dummy10cm	5.985	5.422	12.4	3.738	-25.02	38.746	6	0	-1	0.103	30.747	30.747	16.63 45k	404k	404k	4k	0.998	
13107	HeePSing	LH2	5.985	5.422	12.4	3.738	-25.02	48.819	8	0	-1	0.5	147.828	147.828	46.671 365k	832k	832k	10k	0.994	
13109	HeePSing	Dummy10cm	5.985	5.422	12.4	3.738	-23.55	38.821	7	1	-1	0.249	12.832	12.832	15.862 52k	82k	82k	4k	0.998	
13108	HeePSing	LH2	5.985	5.422	12.4	3.738	-23.55	60.372	7	1	-1	1.32	65.223	65.223	47.714 482k	731k	731k	8k	0.996	
13121	HeePSing	Dummy10cm	5.985	3.493	29.35	3.043	-30.5	36.949	0	0	-1	0.046	0.075	0.075	18.729 24k	39k	39k	5k	0.999	
13120	HeePSing	Dummy10cm	5.985	4.605	19.88	3.043	-29.55	31.821	3	0	-1	0.07	0.925	0.925	13.806 26k	68k	68k	4k	0.998	
13110	HeePSing	Dummy10cm	5.985	4.605	17.79	3.271	-29.355	38.867	5	1	-1	0.052	2.883	2.883	14.259 10k	63k	63k	4k	0.998	
13111	HeePSing	Dummy10cm	5.985	4.605	17.79	3.271	-29.355	19.96	1	1	-1	0.049	2.658	2.658	4.357 4k	165k	165k	3k	0.999	
13124	HeePSing	Dummy10cm	5.985	3.493	27.32	3.043	-32.8	38.936	0	0	-1	0.021	0.171	0.171	15.723 9k	70k	70k	4k	0.999	
13122	HeePSing	LH2	5.985	3.493	29.35	3.043	-30.5	62.959	0	0	-1	0.201	0.362	0.362	125.538 380k	685k	685k	20k	0.998	
13123	HeePSing	LH2	5.985	3.493	27.32	3.043	-32.8	63.11	0	0	-1	0.056	0.84	0.84	88.398 75k	1115k	1115k	14k	0.998	
13113	HeePSing	LH2	5.985	4.605	17.79	3.271	-29.355	56.587	5	0	-1	0.167	15.185	15.185	119.915 306k	1622k	1622k	21k	0.997	
13119	HeePSing	LH2	5.985	4.605	19.88	3.043	-29.55	65.525	3	0	-1	0.33	5.019	5.019	91.087 461k	1401k	1401k	14k	0.998	
13127	HeePSing	Dummy10cm	5.985	3.493	23.4	3.043	-32.8	23.478	3	0	-1	0.021	0.797	0.797	13.901 10k	60k	60k	6k	0.999	HeePSing
13126	HeePSing	LH2	5.985	3.493	23.4	3.043	-32.8	55.972	3	0	-1	0.053	3.931	3.931	83.886 72k	1055k	1055k	15k	0.998	HeePSing
13128	HeePCoin	Dummy10cm	5.985	3.493	27.505	3.271	-29.17	35.161	4	1	0	0.045	0.904	0.01	41.517 25k	110k	12k	12k	0.996	

Run	Type	Target	EBeam	P_SHMS	Theta_ SHMS	Theta_ P_HMS	HMS	Current	PS1	PS4	PS5	HMS_Rate_ (kHz)	SHMS_Rate_ (kHz)	Coin_Rate_ (kHz)	Charge_ (mC)	Raw_ HMS	Raw_ S HMS	Raw_ Coin	EDTM	SHMS_Hadron_ Tracking	Comments
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