

Heepcheck Rates

5-pass										
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]
10.618 GeV	HMS	9.906	5.322	24.15	0.003	0.030	15	70	0.003	0.030
10.618 GeV	HMS	9.906	5.322	24.15	0.003	0.030	15	70	0.003	0.030
10.618 GeV	HMS	9.906	5.322	24.15	0.003	0.030	20	70	0.003	0.030
10.618 GeV	HMS	9.906	5.322	24.15	0.003	0.030	15	70	0.003	0.030
10.618 GeV	HMS	8.692	5.322	22.60	0.006	0.150	20	70	0.006	0.150
10.618 GeV	HMS	7.500	6.620	18.80	0.030	0.230	15	70	0.030	0.230
10.618 GeV	HMS	6.287	6.620	17.20	0.070	1.400	15	70	0.070	1.400
10.618 GeV	HMS	8.270	6.620	19.75	0.019	0.060	30	70	0.019	0.060
10.618 GeV	SHMS	7.111	6.842	18.00	0.023	0.300	15	70	0.023	0.300
10.618 GeV	SHMS	5.805	6.842	16.25	0.061	1.900	15	70	0.061	1.900
10.618 GeV	SHMS	8.633	6.842	19.85	0.009	0.025	20	70	0.009	0.025
10.618 GeV	SHMS	4.194	6.842	13.80	0.295	14.5	15	70	0.295	1.611
10.618 GeV	SHMS	8.082	6.311	20.00	0.009	0.130	20	70	0.009	0.130
10.618 GeV	SHMS	4.855	8.035	13.70	0.316	3.400	15	70	0.105	1.133
10.618 GeV	SHMS	3.545	8.035	11.70	1.480	27	15	70	0.045	0.818
10.618 GeV	SHMS	6.326	8.035	15.65	0.087	0.240	30	70	0.087	0.240
3-pass										
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current (uA)	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]
4.920 GeV	HMS	1.060	4.357	12.77	104.0	150.0	15	35	0.806	1.163
4.920 GeV	HMS	1.241	4.247	14.00	50.9	75.0	15	35	0.783	1.154
4.920 GeV	HMS	1.559	4.089	16.00	17.6	26.0	15	35	1.035	1.529
4.920 GeV	HMS	4.383	2.583	34.15	0.074	0.100	40	70	0.074	0.100
4.920 GeV	SHMS	0.681	4.557	10.00	381.0	600.0	15	35	0.743	1.170
4.920 GeV	SHMS	0.949	4.414	12.00	102.0	140.0	15	35	0.791	1.085
4.920 GeV	SHMS	1.244	4.257	14.00	31.3	54.0	15	35	0.482	0.831
4.920 GeV	SHMS	4.383	2.583	34.15	0.045	0.090	40	70	0.045	0.090
2-pass										
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current (uA)	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]
3.824 GeV	HMS	1.561	2.991	21.29	16.8	21.0	15	70	0.988	1.235
3.824 GeV	HMS	1.870	2.828	24.00	6.6	8.2	15	70	0.729	0.911
3.824 GeV	HMS	2.169	2.669	26.65	2.9	3.6	15	70	0.957	1.200
3.824 GeV	HMS	2.312	2.583	28.00	2.0	2.4	15	70	0.975	1.200
3.824 GeV	HMS	2.534	2.473	30.00	1.1	1.4	15	70	1.140	1.400
3.824 GeV	SHMS	1.561	2.991	21.29	10.4	16.0	15	70	0.612	0.941
3.824 GeV	SHMS	1.870	2.828	24.00	4.0	7.0	15	70	0.808	1.400
3.824 GeV	SHMS	2.169	2.669	26.65	1.8	2.6	15	70	0.590	0.867
3.824 GeV	SHMS	2.312	2.583	28.00	1.2	1.8	15	70	1.200	1.800
3.824 GeV	SHMS	2.534	2.473	30.00	0.9	1.0	15	70	0.850	1.000

5-pass											
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current (uA)	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]	
9.404 GeV	HMS	6.648	5.861	20.00	0.046	0.250	15	70	0.0463	0.25	
9.404 GeV	HMS	7.445	5.436	22.00	0.020	0.100	15	70	0.0197	0.1	
9.404 GeV	HMS	8.192	5.038	24.00	0.009	0.050	20	70	0.00921	0.05	
9.404 GeV	HMS	8.192	5.038	24.00	0.009	0.050	20	70	0.00921	0.05	
9.404 GeV	SHMS	4.801	6.842	15.70	0.270	1.900	15	70	0.27	1.9	
9.404 GeV	SHMS	5.808	6.309	18.00	0.075	0.600	15	70	0.0749	0.6	
9.404 GeV	SHMS	6.648	5.861	20.00	0.029	0.200	20	70	0.0285	0.2	
9.404 GeV	SHMS	7.445	5.436	22.00	0.012	0.100	20	70	0.0121	0.1	
4-pass											
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current (uA)	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]	
8.518 GeV	HMS	4.918	5.898	18.00	0.265	1.000	10	70	0.265	1.000	
8.518 GeV	HMS	5.655	5.504	20.00	0.102	0.400	10	70	0.102	0.400	
8.518 GeV	HMS	6.361	5.128	22.00	0.044	0.170	12	70	0.044	0.170	
8.518 GeV	HMS	7.028	4.772	24.00	0.020	0.090	24	70	0.020	0.090	
8.518 GeV	HMS	7.653	4.439	26.00	0.010	0.050	45	70	0.010	0.050	
8.518 GeV	SHMS	4.918	5.898	18.00	0.163	1.000	10	70	0.163	1.000	
8.518 GeV	SHMS	5.655	5.504	20.00	0.063	0.400	10	70	0.063	0.400	
8.518 GeV	SHMS	6.361	5.128	22.00	0.027	0.190	12	70	0.027	0.190	
8.518 GeV	SHMS	7.028	4.772	24.00	0.013	0.090	24	70	0.013	0.090	
8.518 GeV	SHMS	7.653	4.439	26.00	0.006	0.050	45	70	0.006	0.050	
3-pass											
P_e	Spectrometer	Q2	P_e'	$\theta_{e'}$	Elas_Rates (kHz)	Total Rates (kHz)	Time (min)	Current (uA)	Elas_Rates (kHz) [Prescaled]	Total Rates (kHz) [Prescaled]	
6.418 GeV	HMS	4.476	4.033	24.00	0.181	0.410	10	70	0.181	0.410	
6.418 GeV	HMS	4.927	3.793	26.00	0.092	0.210	12	70	0.092	0.210	
6.418 GeV	HMS	5.355	3.564	28.00	0.050	0.120	18	70	0.050	0.120	
6.418 GeV	HMS	5.759	3.349	30.00	0.029	0.070	30	70	0.029	0.070	
6.418 GeV	SHMS	4.476	4.033	24.00	0.111	0.360	10	70	0.111	0.360	
6.418 GeV	SHMS	4.927	3.793	26.00	0.057	0.190	12	70	0.057	0.190	
6.418 GeV	SHMS	5.355	3.564	28.00	0.031	0.100	18	70	0.031	0.100	
6.418 GeV	SHMS	5.759	3.349	30.00	0.018	0.060	30	70	0.018	0.060	

