

Run	Beam	Ebeam	Target	comment	b se	Brho	p	E(Si)	E(Csl)	d	E(si)	E(Csl)	t	E(Si)	E(Csl)	3He	E(Si)	E(Csl)	4He
78	6He, He	80	12C		1	3.9578	574.21	0.737	28.41	343.71	1.396	54.99	240.28	2.399	106.1	868.1	4.061	161.85	691.13
79	6He, He	80	12C		1	3.9578	574.21			343.71			240.28			868.1			691.13
80	6He, He	80	12C		1	3.9578	574.21			343.71			240.28			868.1			691.13
81	6He, He	80	197Au		1	3.9578	574.21	197Au		343.71			240.28			868.1			691.13
82	6He, He	80	197Au		1	3.9578	574.21	197Au		343.71			240.28			868.1			691.13
83	6He, He	80	197Au	45 He8	1	3.9578	574.21	197Au		343.71			240.28			868.1			691.13
84	6He, He	80	197Au	45 He8	1	3.9578	574.21	197Au		343.71			240.28			868.1			691.13
85	6He, He	80	197Au	45 He8	1	3.9578	574.21	197Au		343.71			240.28			868.1			691.13
86	6He, He	80	12C		1	3.9578	574.21			343.71			240.28			868.1			691.13
87	6He, He	80	12C		1	3.9578	574.21			343.71			240.28			868.1			691.13
117	4He, He	111.85	12C		2	3.1046	383.18	0.877	33.961	218.18	1.916	82.36	150.16	3.455	146.7	560.73	5.294	555.4	438.86
118	6He, He	50	12C	6He wedge	2	3.1046	383.18			218.18			150.16			560.73			438.86
119	6He, He	50	12C		2	3.1046	383.18			218.18			150.16			560.73			438.86
120	8He, He	27.34	12C	8He wedge	2	3.1046	383.18			218.18			150.16			560.73			438.86
121	8He, He	27.34	197Au		2	3.1046	383.18	197Au		218.18			150.16			560.73			438.86
122	4He, He	70	12C		3	2.3922	242.59	1.125	44.78	132.4	2.789	129.6	90.091	5.24	84.85	344.96	7.407	337.56	266.38
123	6He, He	30	12C		3	2.3922	242.59			132.4			90.091			344.96			266.38
124	4He, He	50	12C		4	2.06459	185.68	1.329	55.26	99.462	3.498	95.96	67.373	6.81	60.56	260.63	9.136	251.5	200.13
125	4He, He	50	12C		4	2.06459	185.68			99.462			67.373			260.63			200.13
126	4He, He	50	12C		4	2.06459	185.68			99.462			67.373			260.63			200.13
127	4He, He	50	12C U		4	2.06459	185.68			99.462			67.373			260.63			200.13
128	4He, He	50	12C U		4	2.06459	185.68			99.462			67.373			260.63			200.13
129	4He, He	40	12C	69.37 3He	5	1.8418	150.34	1.531	68.35	79.565	4.192	75.37	53.746	8.39	45.36	209.25	10.85	198.4	160.11
134	p	50	12C U	LASSA	6	1.0397	50.392	3.51	46.88	25.716	12.85	12.86	17.238	17.24	0	68.332	32.22	36.117	51.756
135	p	50	12C U		6	1.0397	50.392			25.716			17.238			68.332			51.756
136	p	50	12C		6	1.0397	50.392			25.716			17.238			68.332			51.756
137	p	50	12C		6	1.0397	50.392			25.716			17.238			68.332			51.756
138	p	50	12C		6	1.0397	50.392			25.716			17.238			68.332			51.756
PT								15.55	115.8		20.9	154.8		24.76	183.4		54.86	417.47	
17																			
18								Calibration points present in spectra											

