

Particle	Vacuum Chamber(Stainless Steel) / 3mm
	Total Kinetic Energy
1H1	41.3924
2H1	55.8173
3H1	66.3079
3He2	146.1688
4He2	165.202
6He2	197.0577
8He2	223.1848

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	Rim(Stainless Steel) / 6mm
1H1	77.2724	15.918	61.314
2H1	104.194	21.426	82.764
3H1	124.0648	25.518	98.533
3He2	273.065	56.359	216.635
4He2	308.3724	63.514	244.786
6He2	367.695	75.61	292.047
8He2	416.5904	85.652	330.927

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	BC Plastics / 10mm
1H1	55.2461	22.473	32.773
2H1	75.0518	30.184	44.8663
3H1	89.8251	35.918	53.9062
3He2	194.6434	79.587	115.0539
4He2	220.4294	89.702	130.728
6He2	263.9327	106.669	157.2661
8He2	300.0418	120.698	179.3384

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	BC Plastics / 10mm	Pyrex Glass/3mm
1H1	61.3814	19.953	18.211	23.2169
2H1	83.2643	26.775	24.925	31.5643
3H1	99.6028	31.857	30.071	37.6757
3He2	216.3137	70.671	64.003	81.6362
4He2	244.9021	79.638	72.625	92.6362
6He2	293.0425	94.692	87.269	111.0801
8He2	332.8514	107.075	99.553	126.2205

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	BC Plastics / 10mm	Pyrex Glass/3mm	NE213 /63.5mm
1H1	107.5025	12.033	7.99	4.627	82.8526
2H1	145.7336	15.983	10.757	6.213	112.7808
3H1	174.3333	18.919	12.849	7.392	135.1729
3He2	379.314	42.884	28.314	16.414	291.7024
4He2	428.8768	48.033	31.876	18.464	330.5038
6He2	512.7646	75.7845	37.945	21.942	396.1686
8He2	582.4525	63.911	42.989	24.83	450.7226

Part icle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	Air/20cm	SB Stand/3m m	Air/19cm	SB Stand/3m m	Air/2.9m	BC Plastics / 10mm	Air/45cm	Pyrex Glass/3m m	NE213 /63.5mm
1H1	131.4958	10.306	0.135	10.969	0.137	11.819	2.301	7.965	0.385	4.627	82.8526
2H1	177.546	13.635	0.18	14.537	0.183	15.692	3.087	10.723	0.516	6.213	112.7808
3H1	211.8105	16.128	0.213	17.2	0.218	18.564	3.678	12.808	0.618	7.392	135.1729
3He2	464.96	36.828	0.48	39.153	0.488	42.142	8.159	28.228	1.364	16.414	291.7024
4He2	524.649	41.139	0.538	43.786	0.547	47.176	9.18	31.779	1.536	18.464	330.5038
6He2	625.714	48.448	0.637	51.619	0.65	55.69	10.905	37.835	1.82	21.942	396.1686
8He2	709.6409	54.515	0.72	58.125	0.733	62.74	12.343	42.853	2.061	24.83	450.7226

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	Air/20cm	SB Stand/3mm	Air/19cm	SB Stand/3mm	Air/2.9m	BC Plastics / 10mm	Air/45cm	Pyrex Glass/3mm
1H1	94.203	13.398	0.182	15.319	0.203	18.764	4.224	17.817	1.077	23.2169
2H1	127.2845	17.915	0.246	20.532	0.276	25.166	5.738	24.368	1.479	31.5643
3H1	151.8849	21.266	0.294	24.385	0.332	29.912	6.851	29.389	1.782	37.6757
3He2	332.7299	47.599	0.643	54.348	0.72	66.489	14.887	62.617	3.792	81.6362
4He2	375.8783	53.47	0.727	61.141	0.812	74.891	16.851	71.053	4.295	92.6362
6He2	448.6237	63.378	0.865	72.594	0.974	89.016	20.193	85.352	5.169	111.0801
8He2	508.8263	71.622	0.981	82.086	1.105	100.636	22.933	97.33	5.906	126.2205

Particle	Total Kinetic Energy	Vacuum Chamber(Stainless Steel) / 3mm	Air/20cm	SB Stand/3mm	Air/19cm	SB Stand/3mm	Air/2.9m	BC Plastics / 10mm
1H1	89.4656	13.994	0.191	16.3	0.22	20.928	5.059	32.7727
2H1	120.9342	18.722	0.26	21.858	0.3	28.077	6.85	44.8663
3H1	144.3748	22.234	0.31	25.961	0.359	33.4	8.203	53.9062
3He2	315.9368	49.677	0.678	57.799	0.777	74.135	17.815	115.0539
4He2	356.9835	55.844	0.766	65.049	0.879	83.534	20.18	130.7284
6He2	426.186	66.249	0.91	77.31	1.052	99.275	24.124	157.2661
8He2	483.4699	74.847	1.041	87.391	1.198	112.276	27.369	179.3384