

Coulomb Barrier Penetration Factors

Reaction	p+p	p+He3	He3+He3	p+Li7	p+C12	p+N14
A_1	1	1	3	1	1	1
A_2	1	3	3	7	12	14
A	0.50	0.75	1.50	0.88	0.92	0.93
Z_1	1	1	2	1	1	1
Z_2	1	2	2	3	6	7
E_G (keV)	489.20	2,935.20	23,481.60	7,704.90	32,512.98	44,745.49
$E_G/4k$ (K)	1.42E+09	8.51E+09	6.81E+10	2.23E+10	9.43E+10	1.30E+11
$E_{pk}/T_7^{2/3}$ (keV)	4.50	8.17	16.34	11.27	18.22	20.26
$\Delta/T_7^{1/2}$ (keV)	4.54	6.12	8.65	7.19	9.13	9.63
$(\Delta/E_{pk})/T_7^{1/6}$	1.01	0.75	0.53	0.64	0.50	0.48
n ($T_7 = 1$)	4.55	8.81	18.29	12.41	20.46	22.84