

HiRA Punch Through Summary

Particle	1.5 mm E Si (MeV)	10 cm CsI (MeV)	Loss in Si
p	15.4273	198.485	1.267
d	20.7532	263.65	1.6654
t	24.63	312.444	1.9679
3He	54.5826	709.3068	4.5534
4He	62.01368	797.84	5.06
6He	77.4	939.444	5.925
8He	83.28	1057.128	6.6558

https://groups.nslc.msu.edu/hira/16042/files/Punch_through_summary.pdf