^{149}Sm(^{3}He,t) IAS 1983Ja07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen	NDS 185, 2 (2022)	23-Aug-2022

1983Ja07: E(^{3}He)=45.9 MeV beam from the University of Michigan 83-inch cyclotron. Deduced g.s. isobaric analog state. Measured reaction cross section at 0°. FWHM=40 keV.

Q(^{3}He,t)=−15105 *15*, Coulomb displacement energy=15779 *15*.

dσ/dΩ=0.96 mb/sr *12* (at 0°).