^{12}C(d,t)   1978Co13

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu	NP A880, 88 (2012)	1-Jan-2011

1968Ga13: ^{12}C(d,t) E=28 MeV, measured $\sigma(\theta)$. DWBA analysis for comparison of (d,^{3}He),(d,t) cross sections, S.

1978Co13: ^{12}C(pol. d,t) E=29 MeV, measured $\sigma(\theta)$, A$_Y$(THETA). DWBA calculations.

1994Va28: ^{12}C(pol. d,t) E=200 MeV, measured $\sigma(\theta)$, vector, tensor analyzing power vs θ. Deduced model parameters. ^{11}C levels deduced C^{2}S. Exact finite-range DWBA.

^{11}C Levels

E(level)
0
2.0×10^3
4.32×10^3

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