^{9}Be(^{3}He,n),(^{3}He,α):res 1963Du12,1965Di06,1978Bi15

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu	NP A968,71 (2017)	1-Jan-2017

1963Du12: ^{9}Be(^{3}He,n) E=1.2-2.7 MeV, measured σ(E,E$_n$,θ).
1965Di06: ^{9}Be(^{3}He,n) E=1.30 −5.35 MeV, measured σ(E,E$_n$,θ).
1978Bi15: ^{9}Be(^{3}He,α) E=4,10 MeV, measured σ(E,θ); deduced reaction mechanism. ^{12}C deduced resonance at 29.3 MeV.

^{12}C Levels

E(level)	$T_{1/2}$	Comments
27.8×10^3	350 keV	E(level): From E(^{3}He)≈2 MeV (1963Du12,1965Di06).
29.3×10^3		E(level): From (1978Bi15). The (^{3}He,n) (1966Ha21) and (^{3}He,t) (1967Ea01) excitation functions also peak near E$_x$≈29.3 MeV.