^{7}**Li(^{3}He,^{3}He),(^{3}He,pd)**   **2002Ti10,1988Aj01,1984Aj01**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley, Godwin et al.	NP A708,3 (2002)	23-Aug-2001

1970Sc23: ^{7}Li(^{3}He,^{3}He) E=11.0 MeV, measured $\sigma(\theta)$.

1976Wa12: ^{7}Li(^{3}He,^{3}He) E=37.5 MeV, measured absolute coin $\sigma(E_1, \theta_1,\theta_2)$. Cluster probabilities, momentum distribution.

1979Go07: ^{7}Li(^{3}He,^{3}He) E=44.04 MeV, measured $\sigma(\theta)$.

1981Ba37: ^{7}Li(pol ^{3}He,^{3}He),(pol ^{3}He,^{3}He′) E=33.3 MeV, measured $\sigma(\theta)$, A(θ), reaction mechanism.

1985Fr01: ^{7}Li(^{3}He,^{3}He) E=120 MeV, measured $\sigma(E_1,E_2,\theta_1, \theta_2)$, deduced residuals missing mass spectra.

1994Do32: ^{7}Li(^{3}He,X),(^{3}He,^{3}He′) E=93 MeV, measured proton, deuteron, α, triton, ^{3}He yields vs θ, $\sigma(\theta,E)$, deduced breakup mechanism dominance.

^{7}Li Levels

E(level)	T$_{1/2}$
0	
0.48×10^3	
4.63×10^3	
17.8×10^3? *5*	
40.5×10^3? *5*	2.5 MeV *5*