

<u>⁹Be(d,tα) 2002Ti10,1991Sz06</u>				
Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley, Godwin et al.		NP A708,3 (2002)	23-Aug-2001

1973So08: ⁹Be(d, α t) E=26.3 MeV, measured $\sigma(E_t, E_\alpha)$. ⁷Li deduced resonances, J, π , level- Γ .
1980Ne11: ⁹Be(d, α t) E=3, 4 MeV, measured($E_t, \theta_t, \theta_{\alpha_1}, E_{\alpha_1}, \theta_{\alpha_2}, E_{\alpha_2}$). ⁷Li resonance deduced asymmetric decay.
1982La09: ⁹Be(d, α t) E=2.5 MeV, measured $\sigma(E_t, \theta_t, \theta_\alpha)$, deduced No quasifree effects. ⁷Li levels deduced γ , decay mechanism.
1991Sz06: ⁹Be(d, α t) E=7 MeV, measured $\sigma(E_1, E_2, \theta_1, \theta_2)$, excited spectra of ⁷Li and ⁸Be.

<u>⁷Li Levels</u>	
E(level)	T _{1/2}
4.63×10 ³	
6750 20	0.87 MeV 20
7.46×10 ³	
9360 50	0.8 MeV 2