

⁷Li(α ,t) 2004Ti06

Type	Author	History	Citation	Literature Cutoff Date
Update	J. H. Kelley, J. L. Godwin, C. G. Sheu		ENSDF	31-Mar-2004

[1971Be52](#): ⁷Li(α ,t) E=10 MeV, measured $\sigma(E_t)$. ⁸Be deduced variations In ghost anomaly.

[1972Me07](#): ⁷Li(α ,t) E=30 MeV, measured $\sigma(E_p, \theta(p))$, $(E_d, \theta(d))$, $(E_t, \theta(t))$. Deduced S, cluster reduced widths. DWBA, pwbae analysis.

[1972Va34](#), [1974Dm01](#): ⁷Li(α ,t) E=15-25 MeV, measured $\sigma(E, \theta)$. Deduced reaction mechanisms.

[1974Ma49](#): ⁷Li(α ,t) E=29.4 MeV, measured $\sigma(\theta)$. ⁸Be deduced levels.

[1985Pu03](#), [1992Ko26](#): ⁷Li(α ,t) E=50 MeV, analyzed breakup $\sigma(\theta_{\alpha_1}, \theta_{\alpha_2}, E_{\alpha_1})$. ⁸Be deduced resonances, Γ .

⁸Be Levels

E(level)	J ^{π}
0	0 ⁺
3.0×10 ³	
11.4×10 ³	
16.6×10 ³	
16.9×10 ³	
19.9×10 ³	