

${}^7\text{Li}(\alpha,2\alpha)$  2002Ti10

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

1969Do02:  ${}^7\text{Li}(\alpha,2\alpha)$  E=25 MeV, measured  $\sigma(E_{\alpha 1}, E_{\alpha 2}, \theta_1, \theta_2)$ .

1969Pi11:  ${}^7\text{Li}(\alpha,2\alpha)$  E=55 MeV, measured  $\sigma(E_{\alpha 1}, E_{\alpha 2}, \theta_1, \theta_2)$ .

1970Ja17:  ${}^7\text{Li}(\alpha,2\alpha)$  E=64 MeV, measured  $\sigma(E_{\alpha 1}, E_{\alpha 2}, \theta_1, \theta_2)$ .

1980Zh05:  ${}^7\text{Li}(\alpha,2\alpha)$  E=18 MeV, measured ALPHAALPHA-( $\theta$ ), deduced quasifree scattering effect.  ${}^7\text{Li}$  deduced cluster probabilities.

1985Ko29:  ${}^7\text{Li}(\alpha,2\alpha)$  E=27.2 MeV, measured  $\sigma(E_{\alpha 1}, \theta_{\alpha 1}, \theta_{\alpha 2})$ , deduced reaction mechanism.

1992Wa09:  ${}^7\text{Li}(\alpha,2\alpha)$  E=77-119 MeV, measured absolute  $\sigma(\theta_1, \theta_2, E_1)$ , deduced reaction mechanism.  ${}^7\text{Li}$  deduced triton momentum distribution.

 ${}^7\text{Li}$  Levels

E(level)

$4.63 \times 10^3$

$6.68 \times 10^3$

$7.46 \times 10^3$