

${}^7\text{Li(d,t)}$  2002Ti10

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

1971De08:  ${}^7\text{Li(d,t)}$  E=23.6 MeV, measured  $\sigma(E_t)$ .  ${}^6\text{Li}$  levels deduced high isospin purity.

1971Za07:  ${}^7\text{Li(d,t)}$  E<sub>d</sub>=10-12 MeV, measured  $\sigma(E,\theta)$ , compared with zero-range finite-range DWBA.

1980Ye02:  ${}^7\text{Li(d,t)}$  E=9.05 MeV, measured  $\sigma(\theta)$ , deduced reaction mechanism. Optical model, zero-range DWBA analysis.

1987Bo39:  ${}^7\text{Li(d,t)}$  E=30.7 MeV, measured  $\sigma(E_t,\theta_t,\theta_\alpha)$ ,  $\sigma(E_\alpha,\theta_\alpha,\theta)$ ,  $\sigma(E_\alpha)$ .  ${}^6\text{Li}$  decay IAS  $2^+$  state.

 ${}^6\text{Li Levels}$ 

E(level)	J <sup>π</sup>	Comments
0		
$2.19 \times 10^3$		
$3.56 \times 10^3$		
$4.31 \times 10^3$	$2^+$	T=0
$5.37 \times 10^3$		