

${}^7\text{Li}(n,\gamma)$  2004Ti06

Type	Author	History	Citation	Literature Cutoff Date
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- 1989Wi16:  ${}^7\text{Li}(N,\gamma)$  E=25-420 keV, measured capture  $\sigma(E)$ . Deduced reaction rate, primordial R-process consequences.  
 1991Na16:  ${}^7\text{Li}(N,\gamma)$  E=30 keV, measured  $E_\gamma$ ,  $I_\gamma$ ,  $\sigma$ . Deduced reaction rate.  
 1992Pa29:  ${}^7\text{Li}(N,\gamma)$  E=14.9 MeV, measured  $\gamma$ -spectra, Doppler broadened line shapes,  $I_\gamma(\text{THETA})$ .  
 1996B110:  ${}^7\text{Li}(N,\gamma)$  E=1.5-1340 MeV, measured  $E_\gamma$ ,  $I_\gamma$ ,  $\gamma$  yield, absolute  $\sigma(E)$ .  
 1998He35:  ${}^7\text{Li}(N,\gamma)$  E $\approx$ 5 meV, 54 keV, measured  $\sigma$ .

 ${}^8\text{Li}$  Levels

E(level)	$T_{1/2}$	Comments
0.0		
980		
2255 3	31 keV 7	$\Gamma_n=31$ keV 7; $\Gamma_\gamma=0.07$ eV 3 E(level): from $E_{\text{res}}=254$ keV 3.