

$^{139}\text{La}(^7\text{Li},\alpha n\gamma)$ 1975K101

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 187,1 (2023)	12-Oct-2022

E=30 MeV.

Measured: γ , $\gamma(t)$. ^{141}Ce Levels

E(level)	J^π [†]	$T_{1/2}$
0.0	$7/2^-$	
1370.8	$13/2^+$	4 ns 2
1964?		

[†] Adopted values. $\gamma(^{141}\text{Ce})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
593 [†]	1964?		1370.8	$13/2^+$
1370.8	1370.8	$13/2^+$	0.0	$7/2^-$

[†] Placement of transition in the level scheme is uncertain. $^{139}\text{La}(^7\text{Li},\alpha n\gamma)$ 1975K101

Legend

Level Scheme-----▶ γ Decay (Uncertain)