

$^{24}\text{Mg}(^7\text{Li}, ^8\text{He})$ [2001Ca37](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia [#] , A. Chakraborty ^{##}		NDS 171, 1 (2021)	1-Jun-2020

$E(^7\text{Li})=50.1$ MeV/nucleon. Magnetic spectrometer, plastic scintillator TOF.
Other reference: [1988Wi18](#).

All data from [2001Ca37](#), except otherwise noted.

 ^{23}Al Levels

E(level)	J^π [†]	C ² S	Comments
0.0	$5/2^+$		
550 20	$(1/2^+)$	0.66	$\Gamma_p=74$ eV and $\Gamma_\gamma=5.49\times 10^{-7}$ eV (calculated values in 2001Ca37); $\Gamma_p=32$ eV +53-23 and $\Gamma_\gamma=2.5\times 10^{-7}$ eV +12-9 (calculated values in 1988Wi18). C ² S: From 1988Wi18 .
1773 35			
2575 34			
3204 21			
3699 24			

[†] From Adopted Levels.