^{35}Cl(^{3}He,n) 1972Bb01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	John Cameron, Jun Chen and Balraj Singh, Ninel Nica	NDS 113, 365 (2012)	15-Jan-2012

$J^{\pi}(^{35}Cl)=3/2^{+}$.
E(^{3}He)=14 MeV; measured $\sigma(\theta)$ θ=0-150° In steps of 5°.

^{37}K Levels

E(level)	J^{π}	L	Comments
0	$3/2^{+}$	0+2	J^{π}: based on measured L (same As the adopted values). S: $\sigma(\theta)$ indicates S(0)>>S(2), with $(1d_{3/2})^2$ transfer dominant.