^{102}Pd(^{3}He,3npγ)   1980Ka25

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	ENSDF	1-Jul-2006

E=28− 43 MeV.

Measured: γ, $\gamma\gamma$, ce, Ge(Li), Si(Li) detectors, mini orange spectrometer.

^{101}Ag Levels

E(level)	J$^{\pi\dagger}$
0	9/2$^+$
686.3	11/2$^+$
861.3	13/2$^+$
1573.1	15/2$^+$
1769.2	17/2$^+$
2016.1	$^+$

† From Adopted Levels.

γ(^{101}Ag)

E$_\gamma$	I$_\gamma$	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$	Mult.	Comments
174.5 *3*	19.5 *6*	861.3	13/2$^+$	686.3	11/2$^+$		
196.0 *3*	7.0 *8*	1769.2	17/2$^+$	1573.1	15/2$^+$		
246.9 *3*	25.0 *5*	2016.1	$^+$	1769.2	17/2$^+$	M1	Mult.: α(K)exp consistent with M1 or E2, $\gamma(\theta)$ in (p,2nγ) gives mult=D.
686.3 *3*	26.0 *6*	686.3	11/2$^+$	0	9/2$^+$		
711.9 *3*	22.6 *5*	1573.1	15/2$^+$	861.3	13/2$^+$		
861.5 *3*	100	861.3	13/2$^+$	0	9/2$^+$		
907.9 *3*	30.0 *8*	1769.2	17/2$^+$	861.3	13/2$^+$		

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Level Scheme

Intensities: Relative I_γ

Legend

$I_\gamma < \ \ 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$

$^{101}_{47}\text{Ag}_{54}$