

$^{48}\text{Ca}(^{11}\text{B},2\text{p}4\text{n}\gamma)$ 1977Na12

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 110,2689 (2009)	31-Mar-2007

E=25-50 MeV, measured: γ , $\gamma\gamma$, $\gamma(\theta)$, RDM and DSAM.

 ^{53}V Levels

E(level)	J^π [†]	$T_{1/2}$	Comments
0.0	$7/2^-$		
1091.24 18	$11/2^-$	2.0 ps 3	
2420.4 3	$15/2^-$	0.9 ps 2	$T_{1/2}$: RDM.
4085.2 6	$(17/2,19/2^-)$	>0.7 ps	

[†] Adopted values.

 $\gamma(^{53}\text{V})$

E_γ	I_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Comments
1091.23 18	100	1091.24	$11/2^-$	0.0	$7/2^-$	Additional information 1.
1329.12 23	91	2420.4	$15/2^-$	1091.24	$11/2^-$	Additional information 2.
1664.8 5	16.5	4085.2	$(17/2,19/2^-)$	2420.4	$15/2^-$	

 $^{48}\text{Ca}(^{11}\text{B},2\text{p}4\text{n}\gamma)$ 1977Na12Level Scheme

Intensities: Relative I_γ

Legend

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

