

$^{51}\text{V}(\gamma,\gamma)$ 1963Kr02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Wang Jimin and Huang Xiaolong		NDS 144, 1 (2017)	1-Mar-2016

Measured $320\gamma(\theta,H)$ using resonance-fluorescence method.

 ^{51}V Levels

E(level)	J^π	$T_{1/2}$	Comments
0	$7/2^-$		
320.0 10	$5/2^-$	0.18 ns 2	$g=1.59\ 27$ g: From $\gamma(\theta,H,t)$ for adopted $T_{1/2}=184$ ps 6. The authors obtained $g=1.69\ 29$ for $T_{1/2}=173$ ps 14.

 $\gamma(^{51}\text{V})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult.	δ	Comments
320	320.0	$5/2^-$	0	$7/2^-$	D+Q	+0.43 3	δ : from $\gamma(\theta)$ (1963Kr02). $\gamma(\theta)$: $A_2=+0.44\ 3$; $A_4=0.0$.

 $^{51}\text{V}(\gamma,\gamma)$ 1963Kr02Level Scheme