

$^{50}\text{V}(\text{d,p})$ 1967De02

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

E=7.5 MeV, FWHM=11 keV.

Target $J^\pi=6^+$.

Measured $\sigma(\text{E}(\text{p}),\theta)$.

 ^{51}V Levels

E(level)	L [†]	C ² S' [†]	E(level)	L [†]	C ² S' [†]	E(level)	L [†]	C ² S' [†]
0	3	0.71	4551 10	1	0.02	5720 15	1(+3)	0.02
321 10	3	0.28	4576 10	1	0.04	5799 15	1	0.16
927 10			4646 10			5899 15	1	0.21
1612 10	1	0.05	4774 [‡] 10	1	0.04	5936 15		
1812 10	1	0.07	4813 10	3	0.17	5957 15		
2408 10			4835 10	1+3	0.006+0.08	6005 15	0	0.003
2694 10			4887 10	1	0.07	6051 15	1	0.13
3078 10	(3)	0.04	4943 10			6073 15	1	0.12
3268 10			5023 10	1	0.13	6102 15		
3378 [‡] 10	1	1.09	5037 10	3	0.62	6159 15		
3444 10	1(+3)	0.005	5109 15	1	0.05	6183 15		
3512 10	1(+3)	0.008	5142 15	1	0.09	6190 15		
3569 10			5160 15	1	0.06	6253 15	1	0.13
3609 10	1	0.57	5199 15	1	0.04	6291 [‡] 15	1	0.09
3775 10			5249 15	1	0.07	6310 15		
3798 10	1	0.04	5303 [‡] 15	1	0.16	6344 15		
3869 10	1	0.75	5394 [‡] 15	1+3	0.03+0.14	6383 [‡] 15	1	0.10
3913 10	1	0.19	5424 [‡] 15	(3)	0.10	6455 15	1	0.16
3932 10			5440 [‡] 15	1	0.02	6487 15	1	0.09
4117 10	1	0.14	5467 15	1	0.09	6529 15		
4218 10	1+3	0.002+0.07	5502 15	1	0.05	6563 [‡] 15	1	0.18
4439 10	1	0.41	5586 15	1	0.01	6605 15		
4487 10	1	0.06	5620 [‡] 15	1+3	0.009+0.12	6648 [‡] 15		
4512 10			5685 15	1	0.36			

[†] Determined from $\sigma(\text{E}(\text{p}),\theta)$ with distorted wave analysis.

[‡] Multiplet. Peak broader than average.