

${}^{51}\text{V}(\text{d}, {}^2\text{He})$ 2003Ba77

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

E=171 MeV. Measured ${}^2\text{He}$ spectrum at 0° . FWHM=110,125 keV. Deduced minimum L-transfers and B(GT) strengths.
 $J^\pi({}^{51}\text{V g.s.})=7/2^-$.

 ${}^{51}\text{Ti}$ Levels

E(level)	L^\dagger	B(GT)	E(level)	L^\dagger	B(GT)	E(level)	L^\dagger	B(GT)
0 10	2		3160 20	2		5240 30	(0)	0.288& 12
1160 10	2		3620 10	0	0.177 10	5420 20	(0)	0.288& 12
1460 20	0	0.060‡ 6	3770 10	1		5540 20	(0)	0.288& 12
1570 10	0	0.060‡ 6	4090 10	0	0.074@ 6	5780 30	(0)	0.288& 12
2150 10	0	0.075 6	4230 30	0	0.074@ 6	5950 30	(0)	0.288& 12
2330 10	2		4440 20	(0)	0.074@ 6	6140 30	(0)	0.288& 12
2720 30	0	0.057# 5	4870 10	0	0.241 20	6250 30	(0)	0.288& 12
2900 30	0(+2)	0.057# 5	4990 30	(0)	0.101 24			
3040 30	0	0.057# 5	5110 30	0	0.049 15			

† Minimum transfer of angular momentum.

‡ Combined for 1460+1570.

Combined for 2720+2900+3040.

@ Combined for 4090+4230+4440.

& Combined for 5240+5420+5540+5780+5950+6140+6250.