^{50}V(^{3}He,d) 1969Do01

History

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

E=7.5 MeV; FWHM=16 keV, measured σ(E(d),θ), analyzed with DWBA.
$J^{\pi}(^{50}V)=6^{+}$.

^{51}Cr Levels

E(level)	L†	C^{2}S′	E(level)	L†	C^{2}S′	E(level)	L†	C^{2}S′
0	3	0.95	3936 *15*	1	0.042	5114 *15*	3	0.23
1167 *15*			4020 *15*	1+3	0.021+0.22	5155 *15*	1	0.027
1490 *15*	3	0.75	4174 *15*	1	0.017	5203 *15*	1	0.037
2000 *15*	3	0.20	4214 *15*	1+3	0.062+0.27	5230 *15*	1	0.059
2258 *15*	3	1.42	4336 *15*	1	0.28	5344 *15*	1	0.034
2393 *15*	3	0.49	4451 *15*	1	0.030	5393 *15*		
2767 *15*	3	0.41	4495 *15*	3	0.096	5420 *15*	3	0.13
3183 *15*	3	0.50	4552 *15*	1	0.029	5449 *15*		
3269 *15*	3	0.80	4629 *15*			5473 *15*		
3376 *15*	1	0.028	4728 *15*			5560 *15*	1	0.28
3451 *15*	1	0.066	4746 *15*	1	0.24	5656 *15*		
3590 *15*	1	0.026	4916 *15*			5711 *15*		
3764 *15*	1	0.008	4939 *15*	1	0.018	5787 *15*		
3828 *15*	3	1.13	4997 *15*			5880 *15*		
3878 *15*			5053 *15*	1	0.022	5964 *15*	1	0.15

† From DWBA analysis of measured $\sigma(\theta)$.