

$^{45}\text{Sc}(t,p)$  1974De23

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows	NDS 108, 923 (2007)	20-Feb-2007

Target  $J^\pi=7/2^-$ . E=11.8 MeV. Measured  $\sigma(\theta=5^\circ-42.5^\circ, 7.5^\circ \text{ steps})$ ; multigap spectrograph, emulsions.

 $^{47}\text{Sc}$  Levels

E(level)	L	E(level)	L	E(level)	L	E(level)	L
0.0	0	3250 5	0+2	4810 5	0+2	5946 4	
811 2	2	3413 2	2	4863 5		6010 6	0+2
1151 3	2	3484 4	2	4965 6		6096 5	0
1295 2	2	3537 4	0+2	5050 8		6133 9	
1316 3		3571 9		5105 4		6184 3	
1805 9	(3) <sup>†</sup>	3656 2		5156 3	2	6216 8	
1879 2	2	4008 6	2	5252 3		6269 3	0+2
2144 2		4085 2	2	5317 7	0+2	6339 3	
2205 5	0+2	4111 3		5381 3	0+2	6361 4	
2232 5	0+2	4191 2		5473 5		6410 2	
2407 9		4257 3		5508 8		6448 4	
2501 3	0+2	4289 6		5561 4	0	6486 3	
2647 4		4355 2	0+2	5685 4		6546 5	
2940 4		4473 3		5719 4		6609 8	
3070 7		4564 4		5767 4		6686 7	
3102 2	2	4617 3	0+2	5824 2		6801 4	
3131 4	2+4	4685 4		5855 3		6863 3	
3201 2		4725 5		5893 4	2		

<sup>†</sup> Not well established.