

$^{44}\text{Ca}(^3\text{He},n)$  1974Ev02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 91, 1 (2000)	15-Jul-2000

E=18 MeV.

Measured  $\sigma(E,\theta)$ ; DWBA analysis.

 $^{46}\text{Ti}$  Levels

E(level)	$J^\pi$ †	L†	S‡	Comments
0.0	0 <sup>+</sup>	0	1.4	
880 30	(2 <sup>+</sup> )	(2)	0.06	S: at $\theta=15^\circ$ .
3880 30	(2 <sup>+</sup> )	(2)	0.08	
5610 30	0 <sup>+</sup>	0	0.19	
6390 30			0.15	
7350 30			0.13	
8020 30	(0 <sup>+</sup> )	(0)	0.19	
11440 30		$\geq 3$	0.16	
12460 30	0 <sup>+</sup>	0	0.29	
14300 60	(0 <sup>+</sup> )	(0)	0.18	

† Based on analysis of angular distributions.

‡ Differential cross section (in mb/sr) at  $\theta=0^\circ$ , except as noted.