

⁴⁶Ca(³He,d) 1967Sc07

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

E=12 MeV. Measured $\sigma(\theta=7.5^\circ-45^\circ)$. DWBA.

⁴⁷Sc Levels

E(level)	L	C ² S [†]	Comments
0.0	3	7.3	Additional information 1.
765 5	2	0.39	
806 5	1	0.57	
1392 5	0	0.09	
2502 5	3	0.62	
2810 5	1	0.29	
2835 5	1	0.10	
3135 10		‡	
3208 5	1	0.86	
3260 5	1	0.43	
4027 5	3	1.0	
4090 5	1	0.02	
4104 5		‡	
4275 5	1	0.07	
4378 5	1	0.03	
4396 5		‡	
4515 5	1	0.04	
4610 5	0	0.04	
4633 5	1	0.04	
4817 5	2	0.20	
4908 10	3	0.17	
5030 10	1	0.09	
5319 10	1	0.12	
5415 10	1	0.06	
5525 10	1	0.11	
5578 5	1	0.05	
5705 10		‡	
5840 15	1	0.08	
5945 10	2	0.19	
6040 10	2	0.18	
6278 10			
6509 10	1	0.06	
7523 10	1	0.08	

[†] Normalizing factor=4.4.

[‡] $\sigma(\theta)$, maximum, less than 0.1 mb/Sr.