

$^{46}\text{Ca}(^3\text{He,t})$ 1971Yn01

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

E=22.5 MeV.

Split-pole magnetic spectrograph, emulsions; DWBA analysis of angular distributions.

 ^{46}Sc Levels

E(level)	J^π [†]	Comments
0.0	4 ⁺	
54 3	5 ⁺ ,6 ⁺	E(level): excitation energy of 54.2 3 given by 1971Yn01 is presumed to be an error (evaluator).
228 3	3 ⁺ ,4 ⁺	
281 4	5 ⁺ ,6 ⁺	
444 3	1 ⁺ ,2 ⁺	
775 3	5 ⁺ ,6 ⁺	
840 4	3 ⁺ ,4 ⁺	
980 4	6 ⁺ ,7 ⁺	
991 4	1 ⁺ ,2 ⁺	
1093 4	3 ⁺ ,4 ⁺	
1324 4		
1389 5		
1806 4		
1852 3	1 ⁺ ,2 ⁺	
2065 4	4 ⁻ ,5 ⁺	
2126 4	1 ⁺ ,2 ⁺	
2223 3	1 ⁺ ,2 ⁺	
2295 5		
2409 3	3 ⁺ ,4 ⁺	
2456 3	3 ⁺ ,4 ⁺	
2554 6		
2646 3		
2709 3	3 ⁺ ,4 ⁺	
2786 2		
2866 5		
2971 5	3 ⁺ ,4 ⁺	

[†] From analysis of angular distributions.