

⁴⁵Sc(α ,t) [1977To10,1969Pr05](#)

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

E=27.2 MeV ([1977To10](#)); 41 MeV ([1969Pr05](#)).
Measured: $\sigma(E,\theta)$; DWBA analysis.
 $J^\pi(^{45}\text{Sc})=7/2^-$.

⁴⁶Ti Levels

<u>E(level)[‡]</u>	<u>J^{π}[†]</u>	<u>L</u>	<u>C²S'[‡]</u>	<u>E(level)[‡]</u>	<u>L</u>	<u>C²S'[‡]</u>	<u>E(level)[‡]</u>	<u>L</u>	<u>C²S'[‡]</u>
0.0	0 ⁺	3	0.27	3575 30	3	0.20	5370 30	3	0.26
890 30	2 ⁺	3	0.40	3920 30	3	0.33	5549 30	3	0.25
2012 30	4 ⁺	3	0.30	4133 30	3	0.14	5967 30	3	0.22
2963 30		3	0.20	4533 30	3	0.76			
3294 30		3	0.55	4733 30	3	0.27			

[†] From Adopted Levels.
[‡] From [1969Pr05](#).