

${}^{45}\text{Sc}(t,d)$ 1976Bi02

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

E=3.0, 3.5 MeV.

Eight Si detectors; DWBA analysis of angular distributions.

$J^\pi({}^{45}\text{Sc})=7/2^-$.

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

<u>E(level)[†]</u>	<u>J^π[†]</u>	<u>L[‡]</u>	<u>S'</u>
0.0	4 ⁺	3	0.38
52	6 ⁺	3	0.96
228	3 ⁺	3	0.39
281	5 ⁺	1+3	0.054+0.56
444	2 ⁺	3	0.20
774	5 ⁺	3	0.40
835	4 ⁺	3	0.20
977	7 ⁺	3	0.33
1088	3 ⁺	1	0.032
2330		1	5.6

[†] From Adopted Levels.

[‡] From angular distribution of scattered deuterons.