

$^{47}\text{Ti}(\text{d},\alpha)$ 1964Bj01

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	T. W. Burrows	NDS 109, 171 (2008)	30-Oct-2007

Target $J^\pi=5/2^-$. $E=3.4$ MeV. Energy spread $\approx 0.1\%$. Mag spect (energy resolution $\approx 0.4\%$ for α' S). $\theta=145.5^\circ$. All states except 1784 were observed under two different bombarding conditions. The 1784-keV state was observed only under one bombarding condition. $\Delta E(\text{level})$ from weighted mean of (p,p') and (d, α).

 ^{45}Sc Levels

<u>E(level)</u>	<u>E(level)</u>	<u>E(level)</u>	<u>E(level)</u>
0.0	963 5	1394 5	2084 12
373 3	1062 5	1784? 8	2140 12
537 3	1228 5	1931 12	2213 12
717 4	1293 5	2000 12	