

${}^{47}\text{Ti}({}^3\text{He,t})$  IAS [1971Be29,1967Ro09](#)

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

Target  $J^\pi=5/2^-$ .  $E=24.6$  MeV.

[1967Ro09](#) measured  $\sigma(\theta(\text{C.M.})\approx 20^\circ-55^\circ)$  to IAS of  ${}^{47}\text{Ti}$  g.s. (Si telescope).

[1971Be29](#) measured  $\sigma(\text{ET},18^\circ)$  (spectrometer; position-sensitive detector).  $\Delta E(\text{beam})=5$  keV with spread (FWHM) $\leq 2$  keV.

Other: see [1995Bu05](#).

 ${}^{47}\text{V}$  Levels

E(level)	L	Comments
(0.0)		
4168 9	0	T=3/2 E(level): from <a href="#">1971Be29</a> . IAS( ${}^{47}\text{Ti}$ ,g.s.) (T=3/2,J=5/2 <sup>-</sup> ). L: from <a href="#">1967Ro09</a> . <a href="#">Additional information 1</a> .
4230?		4230, 4270, and 4306 are weakly excited states shown in fig. 3 of <a href="#">1971Be29</a> .
4270?		
4306?		