^{48}Ti(d,t) 1971Po07

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

E=19.5 MeV. Measured $\sigma(\theta)$; Si telescopes. DWBA. Other: see 1995Bu05.

^{47}Ti Levels

E(level)	J^π †	L ‡	C^2S ‡	E(level)	J^π †	L ‡	C^2S ‡	E(level)	J^π †	L ‡	C^2S ‡
0	$5/2^-$	3	0.2	2.16×10^3	$3/2^-$	1	0.12	2.81×10^3 &			
1.6×10^2	$7/2^-$	3	4.43	2.26×10^3	$5/2^+$	2	0.08 @	3.18×10^3	$7/2^-$	3	0.56
1.26×10^3		#		2.36×10^3	$1/2^+$	0	0.71	3.49×10^3 *a*		#	
1.44×10^3		#		2.52×10^3	$1/2^+$	0	0.11	3.67×10^3		#	
1.55×10^3	$3/2^-$	1	0.22	2.56×10^3				3.91×10^3		#	
1.80×10^3	$3/2^+$	2	1.72	2.59×10^3	$7/2^-$	3	0.32				

† Assumed for extraction of C^2S.
‡ From DWBA analysis.
# $\sigma(\theta)$ exhibits non-stripping character.
@ Corrected by evaluator from 0.12 if $J^\pi=3/2^+$.
& Unresolved group.
a Level density too high for meaningful results.