

$^{27}\text{Al}(\text{p,t})$ 1973Be14,1973Gr02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	R. B. Firestone	NDS 110, 1691 (2009)	1-Feb-2008

1973Gr02: $^{27}\text{Al}(\text{p,t})$, E=27 MeV. Measured $\sigma(\theta)$.

1973Be14: $^{27}\text{Al}(\text{p,t})$, E=40 MeV. Measured Q, $\sigma(\text{Et})$, $\sigma(\text{E}(^3\text{He}))$, $\sigma(\text{Ed})$.

 ^{25}Al Levels

E(level) [†]	Comments
0 [‡]	
455 [#]	
949 [#]	
1610 [‡]	
1810 [#]	
2500 [@]	
2690 [@]	
2740 [#]	
3080 ^{&}	
3440 [‡]	
3740 ^{&}	
3880 [@]	
7905 5	T=3/2

[†] All data except 7905 level from 1973Gr02.

[‡] Band(A): 5/2[202].

[#] Band(B): 1/2[211].

[@] Band(C): 1/2[200].

[&] Band(D): 1/2[330].

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	Band(C): 1/2[200]	
	<u>3880</u>	Band(D): 1/2[330]
		<u>3740</u>
Band(A): 5/2[202]		
<u>3440</u>		
		<u>3080</u>
	Band(B): 1/2[211]	
	<u>2740</u>	<u>2690</u>
		<u>2500</u>
	<u>1810</u>	
<u>1610</u>		
	<u>949</u>	
	<u>455</u>	
<u>0</u>		