^{25}Mg(^{3}He,t) 2004Fu02,2006Fu15

History

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

^{25}Mg(^{3}He,t) E=140 MeV/A, magnetic spectrometer. Rotational band assignment on the basis of transition strengths.

^{25}Al Levels

E(level)	J^{π}	$T_{1/2}$ †
0‡ *5*	$5/2^+$	
1613‡ *5*	$7/2^+$	
6117# *5*	$3/2^+$	51 keV *2*
6655# *5*	$5/2^+$	58 keV *9*
7125 *5*	$3/2^+$	117 keV *4*
7239 *5*	$5/2^+$	19 keV *4*
7422# *5*	$(3/2,5/2,7/2)^+$	
8192 *5*	$(3/2,5/2,7/2)^+$	

† From peak widths fitted with the standard shape folded with the Breit-Wigner function representing the decay width.
‡ Member of 5/2[202] rotational band.
# Member of 3/2[202] rotational band.