^{25}Al(pol p,p) 1991Pr06

History

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

^{25}Al(pol P,P),(pol P,P′),E=4-6.3 MeV. Enriched target.
Other reactions: ^{25}Al(p,p) 1990En08, ^{25}Al(pol p,p) 1992Wi13.

^{25}Al Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0			
5582			
5809 *7*			
6063 *7*			
6122 *3*	$3/2^+$	51 keV *2*	$T_{1/2}$: Γp=30 keV 1.
6385 *3*	$3/2^-$	<15 keV	$T_{1/2}$: Γp/Γtot=0.10 keV.
6518 *9*	$3/2^+$	64 keV *16*	$T_{1/2}$: Γp=5 keV 1.
6734 *22*	$7/2^-$	197 keV *39*	$T_{1/2}$: Γp=18 keV 2.
6740 *5*	$1/2^+$	152 keV *11*	$T_{1/2}$: Γp=137 keV 7.
6829 *4*	$5/2^+$	58 keV *9*	$T_{1/2}$: Γp=9 keV 1.
6881 *7*			
6895 *3*	$7/2^-$	53 keV *4*	$T_{1/2}$: Γp=17 keV 1.
6909 *10*			
7022			
7055 *9*	$3/2^-$	616 keV *20*	$T_{1/2}$: Γp=449 keV 12.
7126 *3*	$3/2^+$	117 keV *4*	$T_{1/2}$: Γp=88 keV 3.
7150 *7*	$5/2^-$	20 keV *6*	$T_{1/2}$: Γp=1.4 keV 1.
7240 *3*	$5/2^+$	19 keV *4*	$T_{1/2}$: Γp=5 keV 1.
7297 *3*	$3/2^-$	66 keV *6*	$T_{1/2}$: Γp=51 keV 3.
7409 *3*	$5/2^-$	<12 keV	$T_{1/2}$: Γp/Γtot=0.06 keV.
7646			
7684 *3*	$7/2^-$	21 keV *3*	$T_{1/2}$: Γp=1.5 keV 2.
7717 *10*	$3/2^+$	230 keV *20*	$T_{1/2}$: Γp=103 keV 7.
7819 *20*			
7892 *8*	$5/2^-$	94 keV *15*	$T_{1/2}$: Γp=3.6 keV 15.
7901 *2*		105 eV *13*	$T_{1/2}$: Γp=18 eV 4. $T_{1/2}$: From 1992Wi13.
7936			
7974 *2*	$3/2^+$	1.30 keV *14*	$T_{1/2}$: Γp=232 eV 12. E(level),$T_{1/2}$: From 1992Wi13.
8089 *3*	$5/2^-$	40 keV *9*	$T_{1/2}$: Γp=4.9 keV 1.
8193			