

$^{105}\text{Pd}(^3\text{He,d})$ 1975An07

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne and A. Negret		NDS 109, 943 (2008)	1-May-2007

E=32.8 MeV. Measured: $\sigma(E(d),\theta)$. Deduced: ^{106}Ag levels, J^π , S.
 $J^\pi(^{105}\text{Pd})=5/2^+$ magnetic spectrometer.

 ^{106}Ag Levels

E(level)	L^\dagger	S^\ddagger	E(level)	L^\dagger	S^\ddagger	E(level)	L^\dagger	S^\ddagger	E(level)	L^\dagger	S^\ddagger
85 2	4	0.23,0.12&	447 2	4	0.27,0.13&	874 3			1434 2	2	0.33,0.24@
107 2	4	0.27,0.14&	517 4			898 2			1491 2	2	0.08,0.06@
202 2	4	0.28,0.15&	561 2	1	0.01,0.01#	971 2	(2)	0.03,0.02@	1589 2	1	0.04,0.03#
257 3			594 1	1	0.04,0.04#	998 2	(1)	0.05,0.04#	1616 2	2	0.12,0.09@
275 1	1	0.14,0.12#	661 2	1	0.03,0.03#	1018 4			1662 2	2	0.30,0.22@
330 1	4	1.13,0.58&	694 2	1	0.04,0.03#	1082 2	2	0.04,0.03@	1684 2	(2)	0.10,0.08@
362 1	1	0.09,0.08#	749 2	(1)	0.02,0.02#	1135 2	1	0.04,0.04#			
382 6			769 2			1333 2	(1)	0.03,0.02#			
429 3			851 2	1	0.05,0.04#	1398 3	2	0.08,0.06@			

† Angular distribution data taken at 15 angles ($\theta=2.5^\circ-50^\circ$) and compared with DWBA calc.

‡ C^2S' is given.

$J=4^-, 1^-$ assumed.

@ $J=5^+, 0^+$ assumed.

& $J=7^+, 1^+$ assumed.