

$^{112}\text{Cd}(^3\text{He},d)$  1974Ma09

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 1471 (2010)	1-May-2009

E=27 MeV. Magnetic spectrograph with spark counter.  $\sigma(\theta)$  at 12 angles ( $5^\circ$ – $40^\circ$ ), compared with DWBA calculations, 1974Ma09.

 $^{113}\text{In}$  Levels

E(level)	$J^\pi^\dagger$	L	$C^2S^\ddagger$	E(level)	$J^\pi^\dagger$	L	$C^2S^\ddagger$
0.0	$9/2^+$	4	0.17	1700 5	$1/2^+$	0	0.024
393 5	$1/2^-$	1	0.059	1774 10	$3/2^+$	2	0.14
648 5	$3/2^-$	1	0.048	1831 8	$1/2^+$	0	0.029
1026 5	$5/2^+$	2	0.52	2048 10	$7/2^+$	4	0.097
1066 5	$3/2^+$	2	0.15	2153 10	$1/2^+$	0	0.048
1133 5	$5/2^+$	2	0.02	2190 10	$3/2^+, 5/2^+$	2	0.045, 0.03
1194 5	$7/2^+$	4	0.21	2298 10	$3/2^+, 5/2^+$	2	0.04, 0.024
1571 5	$7/2^+, 9/2^+$	4	0.03, 0.04	2346 10	$3/2^+, 5/2^+$	2	0.033, 0.02
1634 5		(3,4)		2391 10	$3/2^+, 5/2^+$	2	0.10, 0.064

$^\dagger$  Assumed for calculation of  $C^2S$ .

$^\ddagger$   $C^2S$  normalized to the sum rule limit for the 3 lowest levels.