

$^{115}\text{In}(d,^3\text{He})$  1977Ha38

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113, 515 (2012)	1-Jan-2012

E=50 MeV FWHM $\approx$ 45.

$J^\pi(^{115}\text{In})=9/2^+$ .

Measured:  $d\sigma/d\Omega$ ,  $\Delta E/E$  telescope, DWBA analysis, semi. Measured at 11 angles between 6° and 23°. Unresolved structure between 4000 and 5300.

 $^{114}\text{Cd}$  Levels

E(level)	L	S $^\dagger$	E(level)	L	S $^\dagger$	E(level)	L	S $^\dagger$
0	4	0.18	2460 15	1	0.07	3410	1+4	0.18+0.60
558 15	4	0.52	2540 15	1	0.66	3470 15	1	0.12
1283 15	4	0.28	2760 15	1	0.12	3520 15	1	0.11
1365 15	4	0.15	3060 15	4	0.31	3610 15	1+4	0.08+0.33
1957 15	1	0.35	3200 15	1	0.45	3690 15	1+4	0.05+0.19
2300 15	1	0.15	3250 $^\ddagger$ 15		$^\ddagger$	3780 15	1	0.51
2390 15	1	0.14	3290 $^\ddagger$		$^\ddagger$	3880 15	1	0.42

$^\dagger$  Typical uncertainties about 20%. Values for L=1 are calculated for 33% 2p1/2 and 67% 2p3/2 transfer, except for the 1957, 3 $^-$  level which is excited by pure 2p3/2 transfer.

$^\ddagger$  L=4, S=0.52 + L=4, S=2.80 for 3250+3290.