^{113}Cd(γ,γ') 1994Ge07

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

Bremsstrahlung at the Stuttgart Dynamitron Facility.
Bremsstrahlung endpoint energy: 4.20 MeV *5*.
Enriched Cd (94.6%). Scattered photons were detected by three Ge detectors under angles of 88°, 125°, 149° with respect to the incoming photon beams.

^{113}Cd Levels

E(level)	J^{π} ‡	$T_{1/2}$ †	E(level)
0	$1/2^+$	stable	2796
1813	$(3/2^+)$		2817
1855			2902
1873			2913
1942		607 fs *+90−70*	2929
2044	$3/2^+,(3/2^-,1/2^-)$		2943
2128			3040
2173	$3/2^-$	90 fs *7*	3058
2182	$(3/2^-)$	228 fs *+86−50*	3105
2318			3222
2335			3281
2354		3.0×10^2 fs *+16−6*	3301
2409			3333
2428	$3/2^-,1/2^-$		3378
2449			3412
2535	(3/2)		3480
2545			3486
2556			3526
2578			3547
2588	$3/2^-$		3741
2743			3814
2753			3850
2773			3902

† From nuclear resonance fluorescence, assuming J=3/2.
‡ The spins of the excited levels have been determined for few levels.