^{110}**Cd(d,p),** ^{112}**Cd(d,t)**   **1964Ro17**

		History	
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 110, 1239 (2009)	1-Feb-2008

Q(d,p)=4740 *30* (1964Ro17), 4751.27 *19* (1993Au05) mass adjustment.
ED=15 MeV; magnetic-spectrograph resolution: FWHM≈30 keV.
Differential cross sections given: (d,p)≤2.02 MeV, (d,t)≤1.19 MeV.

^{111}Cd Levels

E(level)	L†	Comments
0.0	0	Interpreted as s1/2 single-particle state.
245 *10*	2	
340 *10*	2	
400 *10*	5	Interpreted as h11/2 single-particle state.
420 *10*	4	Interpreted as g7/2 single-particle state.
610 *10*	2	
700 *10*	(4)	
860 *10*	2	
1020 *10*	0	
1130 *20*	2	
1190 *10*	0	
1550 *10*	2	
1660 *10*	(0)	
1720 *30*	2	
1860 *10*	2	
1970 *10*	2	
2020 *10*	2	
2140 *10*		
2200 *10*		
2280 *10*		

† Deduced from proton angular distributions 9°−70° at eight angles compared with DWBA calc.