

^{130}Cd $Z = 48$ $N = 82$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1072.836 (0.022) MeV

Qbeta- = 8.789 (0.022) MeV

	Energy T	J+	J-	J-other	T1/2
130CD	1 0.000	0+			1 162 MS 7
130CD	2			1.325 (2+)	2
130CD	3			1.864 (4+)	3
130CD	4			1.992 (6+)	4
130CD	5			2.130 (8+)	5 220 NS 30

S-p = 16.584 (0.388)-----

S-n = 6.067 (0.023)-----

S-2p = 31.300 (0.512)-----

S-2n = 10.022 (0.023)-----

S-alpha= 11.719 (0.379)-----

S+p = -14.196 (0.022)

S+n = -2.165 (0.030)

S+2p = -30.007 (0.022)

S+2n = -5.490 (0.064)

S+alpha = -7.741 (0.023)

gap p = 2.389 (0.388)

gap n = 3.901 (0.037)

gap 2p = 1.293 (0.513)

gap 2n = 4.532 (0.068)

gap alpha = 3.978 (0.379)