

^{131}Cd $Z = 48$ $N = 83$ adopted link ENSDF link

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

BE = 1075.002 (0.019) MeV

Qbeta- = 12.813 (0.019) MeV

	Energy T	J+	J-	J-other	T1/2
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131CD 1				0.000 (7/2-)	1 68 MS 3

S-p = 16.542 (0.390)-----

S-n = 2.165 (0.030)-----

S-2p = 31.908 (0.645)-----

S-2n = 8.232 (0.020)-----

S-alpha= 10.386 (0.508)-----

S+p = -14.489 (0.063)

S+n = -3.325 (0.063)

S+2p = -30.240 (0.019)

S+2n = -5.091 (0.267)

S+alpha = -7.845 (0.019)

gap p = 2.053 (0.396)

gap n = -1.160 (0.070)

gap 2p = 1.668 (0.646)

gap 2n = 3.141 (0.267)

gap alpha = 2.541 (0.509)