

$^{97}\text{Cd}$        $Z = 48$        $N = 49$       adopted link      ENSDF link

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

BE = 806.099 ( 0.420) MeV

Qbeta+ = 10.170 ( 0.420) MeV

	Energy T	J+	J-	J-other	T1/2
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97CD 1				0.000 (9/2+)	1 2.8 S 6

S-p = 3.511 ( 0.430)-----

S-n = 13.235 ( 0.569)-----

S-2p = 5.346 ( 0.420)-----

S-2n = 29.854 ( 0.708)-----

S-alpha= 4.177 ( 0.560)-----

S+p = -0.441 ( 0.513)

S+n = -14.974 ( 0.423)

S+2p = -1.840 ( 0.728)

S+2n = -25.340 ( 0.420)

S+alpha = -1.996 ( 0.516)

gap p = 3.071 ( 0.669)

gap n = -1.738 ( 0.709)

gap 2p = 3.506 ( 0.840)

gap 2n = 4.515 ( 0.823)

gap alpha = 2.181 ( 0.762)