

^{128}Pd $Z = 46$ $N = 82$ adopted link ENSDF link

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

BE = 1041.536 (-0.512) MeV

Qbeta- = 10.254 (0.572) MeV

	Energy T	J+	J-	J-other	T1/2
128PD 1	0.000	0+			1 35 MS 3
128PD 2				1.311 (2+)	2
128PD 3				1.816 (4+)	3
128PD 4				2.076 (6+)	4
128PD 5				2.151 (8+)	5 5.8 US 8

S-p = 17.916 (-0.816)-----

S-n = 5.216 (-0.721)-----

S-2p = 0.000 (-0.000)-----

S-2n = 8.714 (-0.636)-----

S-alpha= 13.180 (-0.804)-----

S+p = -14.716 (-0.642)

S+n = -1.558 (-0.824)

S+2p = -31.300 (-0.512)

S+2n = -4.444 (-0.574)

S+alpha = -8.495 (-0.516)

gap p = 3.200 (1.038)

gap n = 3.658 (1.095)

gap 2p = 0.000 (0.000)

gap 2n = 4.270 (0.857)

gap alpha = 4.685 (0.955)