

^{128}In $Z = 49$ $N = 79$ adopted link ENSDF link

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

BE = 1068.984 (0.001) MeV

Qbeta- = 9.171 (0.018) MeV

	Energy T	J+	J-	J-other	T1/2
128IN 1				0.000 (3)+	1 0.84 S 6
128IN 2				0.248 (1-)	2 23 US 2
128IN 3				0.316 (1-)	3
128IN 4				0.340 (8-)	4 0.72 S 10
128IN 5				0.710	5
128IN 6	1.173	1+			6

S-p = 12.738 (0.006)-----

S-n = 5.382 (0.010)-----

S-2p = 28.098 (0.252)-----

S-2n = 12.524 (0.004)-----

S-alpha= 10.385 (0.252)-----

S+p = -13.689 (0.017)

S+n = -6.716 (0.002)

S+2p = -22.673 (0.014)

S+2n = -11.859 (0.002)

S+alpha = -7.870 (0.003)

gap p = -0.952 (0.018)

gap n = -1.334 (0.010)

gap 2p = 5.424 (0.252)

gap 2n = 0.665 (0.005)

gap alpha = 2.515 (0.252)