

^{131}In $Z = 49$ $N = 82$ adopted link ENSDF link

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

BE = 1087.032 (0.002) MeV

Qbeta- = 9.240 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
131IN	1			0.000 (9/2+)	1 0.28 S 3
131IN	2			0.302 (1/2-)	2 0.35 S 5
131IN	3			1.650 (3/2)	3
131IN	4			2.750 (5/2)	4
131IN	5			3.764 (21/2+)	5 0.32 S 6

S-p = 14.196 (0.022)-----

S-n = 6.189 (0.003)-----

S-2p = 30.780 (0.387)-----

S-2n = 11.332 (0.003)-----

S-alpha= 11.748 (0.254)-----

S+p = -15.811 (0.003)

S+n = -2.458 (0.060)

S+2p = -25.477 (0.004)

S+2n = -5.829 (0.266)

S+alpha = -4.091 (0.003)

gap p = -1.616 (0.023)

gap n = 3.731 (0.060)

gap 2p = 5.303 (0.387)

gap 2n = 5.503 (0.266)

gap alpha = 7.657 (0.254)