

^{130}In $Z = 49$ $N = 81$ adopted link ENSDF link

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

BE = 1080.843 (0.002) MeV

Qbeta- = 10.226 (0.003) MeV

	Energy T	J+	J-	J-other	T1/2
130IN 1				0.000 1(-)	1 0.29 S 2
130IN 2				0.050 (10-)	2 0.54 S 1
130IN 3				0.388 (3+)	3 3.1 US 3
130IN 4				0.400 (5+)	4 0.54 S 1
130IN 5				1.170 (0:3-)	5
130IN 6				1.669 (1-)	6
130IN 7	2.120	1+			7
130IN 8				2.586 (0,1)	8
130IN 9				4.407 (1+)	9
130IN 10				4.631 (1+)	10
130IN 11				5.098 (1+)	11
S-n	= 5.143 (0.003)				
130IN 12				5.196 (1+)	12
130IN 13				5.391 (1+)	13

S-p = 14.073 (0.006)-----
 S-n = 5.143 (0.003)-----
 S-2p = 29.835 (0.256)-----
 S-2n = 11.859 (0.002)-----
 S-alpha= 11.661 (0.252)-----

S+p = -14.647 (0.004)
 S+n = -6.189 (0.003)
 S+2p = -24.307 (0.003)
 S+2n = -8.648 (0.060)
 S+alpha = -6.537 (0.004)

gap p = -0.574 (0.007)
 gap n = -1.046 (0.004)
 gap 2p = 5.528 (0.256)
 gap 2n = 3.211 (0.060)
 gap alpha = 5.124 (0.252)