

$^{123}\text{In}$        $Z = 49$        $N = 74$       adopted link      ENSDF link

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

BE = 1037.866 ( 0.020) MeV

Qbeta- = 4.386 ( 0.020) MeV

	Energy T	J+	J-	J-other	T1/2
123IN 1	0.000	9/2+			1 6.15 S 27
123IN 2			0.327 1/2-		2 47.4 S 8
123IN 3				0.699 (3/2)-	3
123IN 4				1.028 (11/2+)	4
123IN 5				1.052 (5/2+)	5
123IN 6				1.138 (3/2-,5/2-)	6
123IN 7				1.166 (13/2+)	7
123IN 8				1.474	8
123IN 9				1.512 7/2+,9/2+	9
123IN 10				1.566 (9/2+)	10
123IN 11				1.616 (1/2,3/2,5/2-)	11
123IN 12				1.926 (1/2,3/2,5/2-)	12
123IN 13				2.021 (7/2-)	13
123IN 14				2.030 (1/2+,3/2+)	14
123IN 15				2.047 (13/2-)	15
123IN 16				2.078 (17/2-)	16 1.4 US 2

S-p = 10.106 ( 0.020)

S-n = 7.929 ( 0.054)

S-2p = 23.604 ( 0.023)

S-2n = 13.737 ( 0.034)

S-alpha = 7.208 ( 0.025)

S+p = -12.091 ( 0.020)

S+n = -5.510 ( 0.036)

S+2p = -19.404 ( 0.020)

S+2n = -13.126 ( 0.020)

S+alpha = -5.694 ( 0.020)

gap p = -1.986 ( 0.028)

gap n = 2.419 ( 0.065)

gap 2p = 4.200 ( 0.031)

gap 2n = 0.611 ( 0.039)

gap alpha = 1.514 ( 0.032)