

^{106}In $Z = 49$ $N = 57$ adopted link ENSDF link

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

BE = 897.833 (0.012) MeV

Qbeta+ = 6.524 (0.012) MeV

	Energy T	J+	J-	J-other	T1/2
106IN 1	0.000	7+			1 6.2 M 1
106IN 2				0.029 (2)+	2 5.2 M 1
106IN 3				0.123 (6,7,8,9+)	3
106IN 4				0.147 (7+)	4
106IN 5				0.151 (2)+	5
106IN 6				0.204 (3)+	6
106IN 7				0.224 (5)	7
106IN 8				0.253 (3)+	8
106IN 9				0.306 (4)	9
106IN 10				0.390 (6)	10
106IN 11				0.506 (1+)	11
106IN 12				0.753 (3,4)	12
106IN 13				0.759 (6,7)	13
S-alpha=	0.786 (0.015)				
106IN 14				0.821 (8+)	14
106IN 15	0.893	1+			15
106IN 16				1.118 (8+)	16
106IN 17	1.219	1+			17
106IN 18				1.307 (9+)	18
106IN 19				1.407 (9+)	19
106IN 20				1.419 (8-)	20
106IN 21	1.602	1+			21
106IN 22				1.628 (9-)	22
106IN 23				1.714 (10+)	23
106IN 24	1.925	1+			24
106IN 25				1.957 (11+)	25
106IN 26				2.148 (10-)	26
106IN 27				2.174 (11+)	27
106IN 28				2.731 (11-)	28
106IN 29				3.182 (12-)	29
106IN 30				3.217 (12-)	30
106IN 31				3.457 (13-)	31
S-p =	3.563 (0.012)				
106IN 32				3.639 (13-)	32
106IN 33				3.783 (14-)	33
106IN 34				4.007 (14-)	34
106IN 35				4.332 (15-)	35

106IN	36				4.486	(15-)	36
106IN	37				4.980	(16-)	37
106IN	38				5.483	(17-)	38

S-p = 3.563 (0.012)-----
 S-n = 9.039 (0.016)-----
 S-2p = 10.070 (0.013)-----
 S-2n = 20.568 (0.014)-----
 S-alpha= 0.786 (0.015)-----

S+p = -5.193 (0.013)
 S+n = -11.030 (0.016)
 S+2p = -6.415 (0.013)
 S+2n = -19.654 (0.015)
 S+alpha = 0.733 (0.014)

gap p = -1.630 (0.018)
 gap n = -1.991 (0.022)
 gap 2p = 3.654 (0.019)
 gap 2n = 0.914 (0.020)
 gap alpha = 1.520 (0.020)