

$^{126}\text{In}$        $Z = 49$        $N = 77$       adopted link      ENSDF link

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

BE = 1056.460 ( 0.004) MeV

Qbeta- = 8.206 ( 0.011) MeV

	Energy T	J+	J-	J-other	T1/2
126IN 1				0.000    3(+)	1 1.53 S    1
126IN 2				0.090    (8-)	2 1.64 S    5
126IN 3				0.243    (1-)	3 26 US    4
126IN 4				0.260	4
126IN 5				0.308	5
126IN 6				0.555	6
126IN 7				0.585	7
126IN 8				0.626	8
126IN 9	0.688	1+			9

S-p = 11.750 ( 0.005)-----  
 S-n = 5.468 ( 0.005)-----  
 S-2p = 26.157 ( 0.252)-----  
 S-2n = 13.084 ( 0.031)-----  
 S-alpha= 9.128 ( 0.038)-----

S+p = -12.949 ( 0.010)  
 S+n = -7.142 ( 0.011)  
 S+2p = -21.399 ( 0.019)  
 S+2n = -12.524 ( 0.004)  
 S+alpha = -6.901 ( 0.015)

gap p = -1.199 ( 0.011)  
 gap n = -1.674 ( 0.012)  
 gap 2p = 4.759 ( 0.252)  
 gap 2n = 0.561 ( 0.031)  
 gap alpha = 2.227 ( 0.041)