

$^{126}\text{Pd}$        $Z = 46$        $N = 80$       adopted link      ENSDF link

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

BE = 1032.822 (-0.378) MeV

Qbeta- = 8.846 ( 0.454) MeV

	Energy T	J+	J-	J-other	T1/2
126PD 1	0.000	0+			1 48.5 MS 7
126PD 2				0.693 (2+)	2
126PD 3				1.481 (4+)	3
126PD 4				2.023 (5-)	4 0.33 US 4
126PD 5				2.110 (7-)	5 0.44 US 3
126PD 6				2.406 (10+)	6 23.0 MS 10

S-p = 17.322 (-0.627)-----  
 S-n = 5.947 (-0.532)-----  
 S-2p = 32.762 (-0.726)-----  
 S-2n = 9.574 (-0.452)-----  
 S-alpha= 12.422 (-0.617)-----

S+p = -14.166 (-0.455)  
 S+n = -3.498 (-0.633)  
 S+2p = -29.992 (-0.378)  
 S+2n = -8.714 (-0.636)  
 S+alpha = -11.719 (-0.379)

gap p = 3.156 ( 0.775)  
 gap n = 2.449 ( 0.827)  
 gap 2p = 2.770 ( 0.819)  
 gap 2n = 0.860 ( 0.781)  
 gap alpha = 0.704 ( 0.724)