

^{96}Pd $Z = 46$ $N = 50$ adopted link ENSDF link

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

BE = 815.042 (0.004) MeV

Qbeta+ = 3.504 (0.011) MeV

	Energy T	J+	J-	J-other	T1/2

96PD 1	0.000	0+			1 122 S 2
96PD 2	1.415	2+			2
96PD 3				2.099 (4+)	3
96PD 4				2.391 LE 4	4
96PD 5				2.424 (6+)	5 7.5 NS 10
96PD 6				2.531 (8+)	6 2.10 US 21
96PD 7				2.649 (5-)	7
96PD 8				3.184 (7+)	8
96PD 9				3.725 (4+ TO 8+)	9
96PD 10				3.784 (10+)	10

S-alpha=	4.307 (0.005)				
96PD 11				4.574 (12+)	11
96PD 12				4.711 (6+ TO 9+)	12
S-p =	5.132 (0.006)				
96PD 13				5.282	13
96PD 14				6.729 (13+)	14
96PD 15				7.040 (15+)	15 35 NS 4

S-p =	5.132 (0.006)				
S-n =	14.289 (0.005)				
S-2p =	8.178 (0.005)				
S-2n =	26.224 (0.006)				
S-alpha=	4.307 (0.005)				

S+p =	-2.010 (0.013)				
S+n =	-9.694 (0.006)				
S+2p =	-6.031 (0.052)				
S+2n =	-21.280 (0.006)				
S+alpha =	-0.436 (0.005)				

gap p =	3.122 (0.014)				
gap n =	4.595 (0.008)				
gap 2p =	2.147 (0.052)				
gap 2n =	4.944 (0.009)				
gap alpha =	3.871 (0.007)				