

^{93}Pd $Z = 46$ $N = 47$ adopted link ENSDF link

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

BE = 773.626 (0.370) MeV

Qbeta+ = 10.030 (0.370) MeV

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

93PD 1				0.000 (9/2+)	1 1.00 S 9
93PD 2				0.984 (13/2+)	2
93PD 3				1.871 (15/2+)	3
93PD 4				2.079 (17/2+)	4
93PD 5				2.232 (17/2+)	5
93PD 6				2.428 (19/2+)	6
93PD 7				2.595 (21/2+)	7
93PD 8				2.871 (25/2+)	8
S-alpha=	3.037 (0.371)	-----			
S-p =	3.272 (0.370)	-----			
93PD 9				3.386 (25/2-,27/2-)	9
93PD 10				3.735 (29/2-,31/2-)	10

93PD 11				3.863 (29/2+)	11
93PD 12				4.139 (29/2-,31/2-)	12
93PD 13				4.753 (33/2-,35/2-)	13
93PD 14				4.996 (33/2+)	14
S-2p =	5.320 (0.370)	-----			
93PD 15				5.649 (37/2+)	15
93PD 16				6.995 (39/2+)	16
93PD 17				7.281 (41/2+)	17
93PD 18				7.663 (45/2+)	18

S-p =	3.272 (0.370)	-----			
S-n =	12.274 (0.506)	-----			
S-2p =	5.320 (0.370)	-----			
S-2n =	28.973 (0.586)	-----			
S-alpha=	3.037 (0.371)	-----			

S+p =	-0.746 (0.528)				
S+n =	-15.192 (0.370)				
S+2p =	-2.619 (0.680)				
S+2n =	-27.127 (0.370)				
S+alpha =	-4.177 (0.560)				

gap p =	2.526 (0.644)				
gap n =	-2.918 (0.627)				
gap 2p =	2.701 (0.774)				
gap 2n =	1.847 (0.693)				

gap alpha = -1.140 (0.672)