

^{114}Pd $Z = 46$ $N = 68$ adopted link ENSDF link

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

BE = 967.633 (0.007) MeV

Qbeta- = 1.440 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
114PD 1	0.000	0+			1 2.42 M 6
114PD 2	0.333	2+			2 82 PS 14
114PD 3	0.695	2+			3
114PD 4	0.852	4+			4
114PD 5				0.872 (0+)	5
114PD 6				1.012 (3+)	6
114PD 7				1.116 (0+)	7
114PD 8				1.320 (4+)	8
114PD 9	1.392	2+			9
114PD 10				1.501 (6+)	10
114PD 11				1.631 (5+)	11
114PD 12				1.639 (3-,4+)	12
114PD 13				1.984 (6+)	13
114PD 14				2.065 (4-)	14
114PD 15				2.090 (4-,5+)	15
114PD 16				2.184 (5-)	16
114PD 17	2.216	8+			17
114PD 18				2.290 (7+)	18
114PD 19				2.316	19
114PD 20				2.350 (5-,6+)	20
114PD 21				2.398	21
114PD 22				2.447 (6+)	22
114PD 23				2.520 (6-)	23
114PD 24				2.563 (6+)	24
114PD 25				2.598 (7-)	25
114PD 26				2.611 (6+)	26
114PD 27				2.623 (6-)	27
114PD 28				2.655 (8+)	28
114PD 29				2.688	29
114PD 30				2.739	30
114PD 31				2.752 (6,7-)	31
114PD 32				2.789	32
114PD 33				2.793	33
114PD 34				2.822	34
114PD 35				2.853	35
114PD 36	2.860	10+			36
114PD 37				2.892	37

114PD 38				2.906	(9+)	38
114PD 39				2.928		39
114PD 40				2.953	(6-)	40

114PD 41				2.997		41
114PD 42				3.048	(8-)	42
114PD 43				3.055		43
114PD 44				3.064	(6,7)-	44
114PD 45				3.078	(6,7)	45
114PD 46				3.099	(6,7+)	46
114PD 47				3.104	(9-)	47
114PD 48				3.128	(6-)	48
114PD 49				3.139	(6-)	49
114PD 50				3.162		50

114PD 51				3.237	(9-)	51
114PD 52				3.338	(10+)	52
114PD 53				3.424		53
114PD 54		3.443	12+			54
114PD 55				3.504	(11+)	55
114PD 56				3.738	(11-)	56
114PD 57				3.860	(11-)	57
114PD 58				4.147	(14+)	58
114PD 59				4.206	(13+)	59
114PD 60				4.473	(13-)	60

114PD 61				4.599	(13-)	61
114PD 62				5.012	(16+)	62
114PD 63				5.256	(15-)	63

S-p = 12.012 (0.010)-----
S-n = 7.971 (0.010)-----
S-2p = 22.437 (0.012)-----
S-2n = 13.312 (0.010)-----
S-alpha= 5.843 (0.011)-----

S+p = -8.781 (0.020)
S+n = -5.007 (0.015)
S+2p = -19.800 (0.007)
S+2n = -12.483 (0.010)
S+alpha = -5.636 (0.021)

gap p = 3.231 (0.022)
gap n = 2.964 (0.018)
gap 2p = 2.637 (0.014)
gap 2n = 0.829 (0.014)
gap alpha = 0.206 (0.024)