

^{95}Pd $Z = 46$ $N = 49$ adopted link ENSDF link

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

BE = 800.753 (0.003) MeV

Qbeta+ = 8.375 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
95PD 1				0.000 (9/2+)	1 5 S 3
95PD 2				1.262 (11/2+)	2
95PD 3				1.351 (13/2+)	3
95PD 4				1.686 (7/2+,9/2+,11/2)	4+)
95PD 5				1.801 (7/2+,9/2+,11/2)	5+)
95PD 6				1.875 (21/2+)	6 13.3 S 3
95PD 7				1.878 (17/2+)	7
95PD 8				1.973 (15/2+)	8
95PD 9				2.025	9
95PD 10				2.201 (17/2-)	10
95PD 11				2.267	11
95PD 12				2.283	12
95PD 13				2.406	13
95PD 14				2.488	14
95PD 15				2.566 (23/2+)	15
95PD 16				2.571 (7/2+,9/2+,11/2)	16+)
95PD 17				2.678 (19/2-)	17
95PD 18				2.696 (25/2+)	18
95PD 19				2.701	19
95PD 20				2.734	20
95PD 21				2.940	21
95PD 22				3.409	22
95PD 23				3.607 (21/2-)	23
95PD 24				3.904 (23/2-)	24
95PD 25				4.070 (29/2+)	25
95PD 26				4.076 (27/2+)	26
S-alpha=	4.151 (0.004)				
95PD 27				4.331 (31/2-)	27 12 NS 3
S-p	4.347 (0.005)				
95PD 28				4.362 (27/2-)	28
95PD 29				4.395 (25/2-)	29
95PD 30				4.751 (33/2+)	30
95PD 31				4.894 (29/2-)	31
95PD 32				4.960 (31/2+)	32
95PD 33				6.419 (33/2-,35/2-)	33
S-2p	7.327 (0.004)				
95PD 34				7.497 (35/2+,37/2+)	34

95PD	35				8.530	(35/2-:39/2)	35
95PD	36				9.015	(41/2+)	36
95PD	37				9.481		37
95PD	38				9.595		38

S-p = 4.347 (0.005)-----
 S-n = 11.935 (0.005)-----
 S-2p = 7.327 (0.004)-----
 S-2n = 27.127 (0.370)-----
 S-alpha= 4.151 (0.004)-----

S+p = -1.835 (0.090)
 S+n = -14.289 (0.005)
 S+2p = -5.346 (0.420)
 S+2n = -23.983 (0.006)
 S+alpha = -2.390 (0.003)

gap p = 2.512 (0.090)
 gap n = -2.354 (0.007)
 gap 2p = 1.981 (0.420)
 gap 2n = 3.144 (0.370)
 gap alpha = 1.761 (0.005)