

^{115}Pd $Z = 46$ $N = 69$ adopted link ENSDF link

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

BE = 972.639 (0.014) MeV

Qbeta- = 4.557 (0.023) MeV

	Energy T	J+	J-	J-other	T1/2
115PD 1				0.000 (1/2)+	1 25 S 2
115PD 2				0.089 (7/2-)	2 50 S 3
115PD 3				0.128 (3/2+)	3
115PD 4				0.128 (9/2-)	4
115PD 5				0.177 (11/2)-	5
115PD 6				0.254 (5/2+)	6
115PD 7				0.296	7
115PD 8				0.355 (7/2+)	8
115PD 9				0.433	9
115PD 10				0.468	10

115PD 11				0.572 (15/2-)	11
115PD 12				0.576 (9/2+)	12
115PD 13				0.885	13
115PD 14				0.957	14
115PD 15				1.152 (19/2-)	15
115PD 16				1.484	16
115PD 17				1.527	17
115PD 18				1.896 (23/2-)	18
115PD 19				1.962	19
115PD 20				2.158	20

115PD 21				2.477	21
115PD 22				2.710	22
115PD 23				2.779 (27/2-)	23
115PD 24				3.119	24
115PD 25				3.326	25
115PD 26				3.775 (31/2-)	26
115PD 27				3.909	27
115PD 28				4.071	28

S-p = 12.005 (0.073)-----

S-n = 5.007 (0.015)-----

S-2p = 23.136 (0.041)-----

S-2n = 12.978 (0.015)-----

S-alpha= 6.065 (0.017)-----

S+p = -9.406 (0.014)

S+n = -7.477 (0.015)

S+2p = -20.570 (0.014)
S+2n = -12.141 (0.015)
S+alpha = -5.976 (0.040)

gap p = 2.599 (0.074)
gap n = -2.470 (0.022)
gap 2p = 2.566 (0.043)
gap 2n = 0.837 (0.022)
gap alpha = 0.089 (0.043)