

^{122}Pd $Z = 46$ $N = 76$ adopted link ENSDF link

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

BE = 1013.329 (0.020) MeV

Qbeta- = 6.490 (0.043) MeV

	Energy T	J+	J-	J-other	T1/2
122PD 1	0.000	0+			1 175 MS 16
122PD 2				0.499 (2+)	2
122PD 3				1.164 (4+)	3

S-p = 15.655 (0.620)-----
 S-n = 6.505 (0.020)-----
 S-2p = 29.449 (0.361)-----
 S-2n = 10.479 (0.020)-----
 S-alpha= 9.999 (0.237)-----

S+p = -12.241 (0.038)
 S+n = -3.885 (0.790)
 S+2p = -26.661 (0.020)
 S+2n = -9.919 (0.249)
 S+alpha = -10.064 (0.020)

gap p = 3.414 (0.621)
 gap n = 2.620 (0.790)
 gap 2p = 2.788 (0.361)
 gap 2n = 0.560 (0.250)
 gap alpha = -0.065 (0.238)