

^{119}Pd $Z = 46$ $N = 73$ adopted link ENSDF link

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

BE = 995.906 (0.008) MeV

Qbeta- = 7.239 (0.017) MeV

	Energy T	J+	J-	J-other	T1/2
119PD	1			0.000	1 0.92 S 1

S-p = 13.809 (0.026)-----
 S-n = 4.090 (0.009)-----
 S-2p = 26.495 (0.433)-----
 S-2n = 11.126 (0.011)-----
 S-alpha= 7.727 (0.026)-----

S+p = -11.533 (0.009)
 S+n = -6.944 (0.009)
 S+2p = -24.245 (0.008)
 S+2n = -10.918 (0.009)
 S+alpha = -8.432 (0.009)

gap p = 2.276 (0.027)
 gap n = -2.854 (0.012)
 gap 2p = 2.251 (0.433)
 gap 2n = 0.208 (0.014)
 gap alpha = -0.705 (0.028)