

^{149}Yb $Z = 70$ $N = 79$ adopted link ENSDF link

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

BE = 1181.123 (-0.298) MeV

Qbeta+ = 10.691 (0.333) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-3.548 (-0.331)				
149YB	1			0.000 (1/2+,3/2+)	1 0.7 S 2

S-p = 1.785 (-0.298)-----

S-n = 11.035 (-0.535)-----

S-2p = 1.231 (-0.300)-----

S-2n = 0.000 (-0.000)-----

S-alpha= -3.548 (-0.331)-----

S+p = 1.223 (-0.423)

S+n = -13.627 (-0.423)

S+2p = 0.000 (-0.000)

S+2n = -24.424 (-0.423)

S+alpha = 3.473 (-0.427)

gap p = 3.008 (0.517)

gap n = -2.592 (0.682)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = -0.075 (0.541)