

^{124}Ru $Z = 44$ $N = 80$ adopted link ENSDF link

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

BE = 1000.060 (-0.620) MeV

Qbeta- = 11.074 (0.723) MeV

	Energy T	J+	J-	J-other	T1/2
124RU 1	0.000	0+			1 15 MS 3

S-p = 0.000 (-0.000)-----
 S-n = 5.113 (-0.791)-----
 S-2p = 0.000 (-0.000)-----
 S-2n = 7.956 (-0.789)-----
 S-alpha= 0.000 (-0.000)-----

S+p = -15.440 (-0.796)
 S+n = -2.815 (-0.669)
 S+2p = -32.762 (-0.726)
 S+2n = 0.000 (-0.000)
 S+alpha = -13.180 (-0.804)

gap p = 0.000 (0.000)
 gap n = 2.298 (1.036)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.000 (0.000)
 gap alpha = 0.000 (0.000)