

^{79}Zr $Z = 40$ $N = 39$ adopted link ENSDF link

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

BE = 653.093 (-0.316) MeV

Qbeta+ = 11.050 (0.326) MeV

	Energy T	J+	J-	J-other	T1/2
79ZR	1			0.000	1 56 MS 30

S-p = 1.871 (-0.444)-----
 S-n = 13.961 (-0.502)-----
 S-2p = 3.527 (-0.316)-----
 S-2n = 31.318 (-0.498)-----
 S-alpha= 2.559 (-0.385)-----

S+p = 1.013 (-0.510)
 S+n = -16.107 (-0.450)
 S+2p = 0.719 (-0.580)
 S+2n = -26.914 (-0.329)
 S+alpha = -2.033 (-0.522)

gap p = 2.884 (0.676)
 gap n = -2.146 (0.674)
 gap 2p = 4.246 (0.660)
 gap 2n = 4.404 (0.597)
 gap alpha = 0.526 (0.648)