

^{78}Zr $Z = 40$ $N = 38$ adopted link ENSDF link

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

BE = 639.132 (-0.390) MeV

Qbeta+ = 11.308 (0.499) MeV

	Energy T	J+	J-	J-other	T1/2
78ZR	1 0.000	0+			1 170 NS GT

S-p = 1.726 (-0.453)-----

S-n = 17.357 (-0.548)-----

S-2p = 1.193 (-0.392)-----

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

S-alpha= 2.482 (-0.397)-----

S+p = 1.918 (-0.614)

S+n = -13.961 (-0.502)

S+2p = 0.000 (-0.000)

S+2n = -30.068 (-0.504)

S+alpha = -1.938 (-0.566)

gap p = 3.644 (0.763)

gap n = 3.396 (0.743)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 0.544 (0.691)