

^{81}Zr $Z = 40$ $N = 41$ adopted link ENSDF link

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

BE = 680.007 (0.092) MeV

Qbeta+ = 8.189 (0.092) MeV

	Energy T	J+	J-	J-other	T1/2
81ZR 1				0.000 (3/2-)	1 5.5 S 4

S-p = 3.665 (0.092)-----

S-n = 10.807 (0.333)-----

S-2p = 6.623 (0.093)-----

S-2n = 26.914 (0.329)-----

S-alpha= 2.146 (0.093)-----

S+p = -1.577 (0.341)

S+n = -14.161 (0.092)

S+2p = -3.415 (0.425)

S+2n = -24.530 (0.092)

S+alpha = -2.410 (0.094)

gap p = 2.089 (0.353)

gap n = -3.354 (0.346)

gap 2p = 3.208 (0.435)

gap 2n = 2.385 (0.342)

gap alpha = -0.264 (0.132)