

^{72}Fe $Z = 26$ $N = 46$ adopted link ENSDF link

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

BE = 590.040 (-0.504) MeV

Qbeta- = 11.078 (0.580) MeV

	Energy T	J+	J-	J-other	T1/2

72FE 1	0.000	0+			1 150 NS GE

S-p = 19.910 (-0.708)-----

S-n = 5.355 (-0.660)-----

S-2p = 38.160 (-0.807)-----

S-2n = 8.480 (-0.577)-----

S-alpha= 15.976 (-0.693)-----

S+p = -16.006 (-0.582)

S+n = -2.793 (-0.718)

S+2p = -34.002 (-0.551)

S+2n = -7.584 (-0.723)

S+alpha = -15.352 (-0.589)

gap p = 3.904 (0.917)

gap n = 2.562 (0.975)

gap 2p = 4.158 (0.977)

gap 2n = 0.896 (0.925)

gap alpha = 0.624 (0.909)