

^{66}Fe $Z = 26$ $N = 40$ adopted link ENSDF link

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

BE = 562.434 (0.004) MeV

Qbeta- = 6.341 (0.015) MeV

	Energy T	J+	J-	J-other	T1/2
66FE 1	0.000	0+			1 440 MS 60
66FE 2				0.574 (2+)	2
66FE 3				1.407 (4+)	3

S-p = 16.389 (0.006)-----
 S-n = 6.921 (0.007)-----
 S-2p = 31.006 (0.300)-----
 S-2n = 11.241 (0.006)-----
 S-alpha= 11.640 (0.005)-----

S+p = -12.543 (0.008)
 S+n = -3.712 (0.006)
 S+2p = -27.974 (0.005)
 S+2n = -9.990 (0.204)
 S+alpha = -11.571 (0.005)

gap p = 3.847 (0.009)
 gap n = 3.209 (0.009)
 gap 2p = 3.032 (0.300)
 gap 2n = 1.251 (0.204)
 gap alpha = 0.069 (0.007)