

^{62}Fe $Z = 26$ $N = 36$ adopted link ENSDF link

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

BE = 538.959 (0.003) MeV

Qbeta- = 2.546 (0.019) MeV

	Energy T	J+	J-	J-other	T1/2
62FE 1	0.000	0+			1 68 S 2
62FE 2	0.877	2+			2 5.3 PS 6
62FE 3				1.692 (0+)	3
62FE 4				2.017 (2+)	4
62FE 5				2.176 (4+)	5
62FE 6				2.692 (3+)	6
62FE 7				2.850	7
62FE 8				3.009 (4-)	8
62FE 9				3.016 (5-)	9
62FE 10				3.310 (6-)	10
62FE 11				3.360	11
62FE 12				3.388 (6+)	12
62FE 13				3.605 (7-)	13
62FE 14				3.629	14
62FE 15				3.633 (4+)	15
62FE 16				3.662	16
62FE 17				3.714	17
62FE 18				4.051 (2+,3,4+)	18
62FE 19				4.252 (8+)	19
62FE 20				4.359 (8-)	20
62FE 21				4.902 (9-)	21
62FE 22				4.970	22
62FE 23				5.319 (10+)	23
62FE 24				5.474	24

S-p = 14.425 (0.004)-----
 S-n = 8.029 (0.004)-----
 S-2p = 26.547 (0.003)-----
 S-2n = 13.608 (0.004)-----
 S-alpha= 9.311 (0.004)-----

S+p = -10.262 (0.019)
 S+n = -4.829 (0.005)
 S+2p = -22.799 (0.003)
 S+2n = -12.234 (0.006)
 S+alpha = -9.553 (0.003)

gap p = 4.162 (0.019)
gap n = 3.200 (0.006)
gap 2p = 3.749 (0.004)
gap 2n = 1.373 (0.007)
gap alpha = -0.242 (0.005)