

$^{66}\text{Fe}$        $Z = 26$        $N = 40$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

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 = 16.390 ( 0.006)-----  
 S-n = 6.921 ( 0.007)-----  
 S-2p = 31.166 ( 0.440)-----  
 S-2n = 11.241 ( 0.006)-----  
 S-alpha= 11.598 ( 0.148)-----

S+p = -12.543 ( 0.008)  
 S+n = -3.614 ( 0.270)  
 S+2p = -27.974 ( 0.005)  
 S+2n = -9.562 ( 0.365)  
 S+alpha = -11.571 ( 0.005)

gap p = 3.847 ( 0.009)  
 gap n = 3.308 ( 0.270)  
 gap 2p = 3.192 ( 0.440)  
 gap 2n = 1.679 ( 0.365)  
 gap alpha = 0.027 ( 0.148)