

$^{67}\text{Fe}$        $Z = 26$        $N = 41$       adopted link      ENSDF link

Based on ensdf\_240402 (Apr 2024), and mass evaluation from 2020

BE = 566.146 ( 0.004) MeV

Qbeta- = 9.613 ( 0.007) MeV

	Energy T	J+	J-	J-other	T1/2
67FE 1	0.000	(5/2+)			1 0.6 S +2-1
67FE 2			0.367	(5/2-)	2
67FE 3			0.387	(1/2-)	3 75 US 21

S-p = 16.247 ( 0.012) -----  
 S-n = 3.712 ( 0.006) -----  
 S-2p = 31.976 ( 0.195) -----  
 S-2n = 10.633 ( 0.006) -----  
 S-alpha = 11.955 ( 0.073) -----

S+p = -13.223 ( 0.005)  
 S+n = -6.278 ( 0.204)  
 S+2p = -28.848 ( 0.005)  
 S+2n = -9.659 ( 0.207)  
 S+alpha = -12.123 ( 0.004)

gap p = 3.024 ( 0.013)  
 gap n = -2.566 ( 0.204)  
 gap 2p = 3.128 ( 0.195)  
 gap 2n = 0.974 ( 0.207)  
 gap alpha = -0.168 ( 0.073)