

$^{73}\text{Fe}$        $Z = 26$        $N = 47$       adopted link      ENSDF link

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

BE = 592.833 (-0.511) MeV

Qbeta- = 13.995 ( 0.589) MeV

	Energy T	J+	J-	J-other	T1/2
73FE	1			0.000	1 12.9 MS 16

S-p = 20.073 (-0.770) -----  
 S-n = 2.793 (-0.718) -----  
 S-2p = 0.000 (-0.000) -----  
 S-2n = 8.148 (-0.665) -----  
 S-alpha= 16.746 (-0.703) -----

S+p = -16.853 (-0.631)  
 S+n = -4.791 (-0.728)  
 S+2p = -34.842 (-0.558)  
 S+2n = -6.867 (-0.788)  
 S+alpha = -15.815 (-0.640)

gap p = 3.220 ( 0.995)  
 gap n = -1.998 ( 1.022)  
 gap 2p = 0.000 ( 0.000)  
 gap 2n = 1.281 ( 1.031)  
 gap alpha = 0.931 ( 0.951)