

^{49}Fe $Z = 26$ $N = 23$ [link to full NNDC output](#)

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

BE = 399.904 (0.024) MeV

Qbeta+ = 12.870 (0.024) MeV

	Energy T	J+	J-	J-other	T1/2

49FE 1				0.000 (3/ (7/2-))	1 64.7 MS 3
49FE 2				0.090	2
49FE 3				0.153	3

S-p = 2.743 (0.025)-----
S-n = 0.000 (0.000)-----
S-2p = 4.766 (0.025)-----
S-2n = 0.000 (0.000)-----
S-alpha= 7.661 (0.043)-----

S+p = 0.000 (0.000)
S+n = -17.797 (0.026)
S+2p = 0.000 (0.000)
S+2n = -31.594 (0.026)
S+alpha = -7.305 (0.035)

gap p = 0.000 (0.000)
gap n = 0.000 (0.000)
gap 2p = 0.000 (0.000)
gap 2n = 0.000 (0.000)
gap alpha = 0.356 (0.055)