

^{47}Fe $Z = 26$ $N = 21$ adopted link ENSDF link

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

BE = 366.130 (-0.517) MeV

Qbeta+ = 15.447 (0.518) MeV

	Energy T	J+	J-	J-other	T1/2
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47FE 1				0.000 (7/2-)	1 21.8 MS 7

S-p = 1.990 (-0.524)-----

S-n = 16.392 (-0.609)-----

S-2p = 2.182 (-0.518)-----

S-2n = 37.675 (-0.583)-----

S-alpha= 7.594 (-0.560)-----

S+p = 1.570 (-0.705)

S+n = -18.961 (-0.525)

S+2p = 1.080 (-0.783)

S+2n = -33.774 (-0.518)

S+alpha = -6.944 (-0.726)

gap p = 3.560 (0.879)

gap n = -2.569 (0.804)

gap 2p = 3.262 (0.939)

gap 2n = 3.901 (0.780)

gap alpha = 0.650 (0.917)