

^{72}Co $Z = 27$ $N = 45$ adopted link ENSDF link

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

BE = 600.336 (-0.288) MeV

Qbeta- = 13.902 (0.288) MeV

	Energy T	J+	J-	J-other	T1/2
72CO	1			0.000 [6-,7-]	1 59.9 MS 17

S-p = 15.651 (-0.514)-----
 S-n = 4.026 (-0.547)-----
 S-2p = 34.456 (-0.568)-----
 S-2n = 9.942 (-0.288)-----
 S-alpha= 13.828 (-0.396)-----

S+p = -17.073 (-0.288)
 S+n = -5.710 (-0.410)
 S+2p = -30.260 (-0.288)
 S+2n = -9.350 (-0.469)
 S+alpha = -13.082 (-0.288)

gap p = -1.422 (0.589)
 gap n = -1.684 (0.684)
 gap 2p = 4.196 (0.637)
 gap 2n = 0.592 (0.550)
 gap alpha = 0.746 (0.490)