

$^{73}\text{Co}$        $Z = 27$        $N = 46$       adopted link      ENSDF link

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

BE = 606.046 (-0.292) MeV

Qbeta- = 12.145 ( 0.292) MeV

	Energy T	J+	J-	J-other	T1/2
73CO	1			0.000	1 40.7 MS 13

S-p = 16.006 (-0.582)-----

S-n = 5.710 (-0.410)-----

S-2p = 35.916 (-0.576)-----

S-2n = 9.736 (-0.549)-----

S-alpha= 15.055 (-0.507)-----

S+p = -17.996 (-0.367)

S+n = -3.640 (-0.471)

S+2p = -31.085 (-0.292)

S+2n = -8.729 (-0.475)

S+alpha = -13.325 (-0.292)

gap p = -1.990 ( 0.688)

gap n = 2.070 ( 0.625)

gap 2p = 4.831 ( 0.646)

gap 2n = 1.007 ( 0.726)

gap alpha = 1.731 ( 0.585)