

^{52}Co $Z = 27$ $N = 25$ [link to full NNDC output](#)

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

BE = 432.946 (0.008) MeV

Qbeta+ = 13.969 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
52Co 1				0.000 (6+)	1 104 MS 7
52Co 2	0.370	2+			2
52Co 3	0.512	1+			3
S-p	= 1.447 (0.012)	-----			
52Co 4	2.931	0+			4
S-p	= 1.447 (0.012)	-----			
S-n	= 15.090 (0.049)	-----			
S-2p	= 6.311 (0.008)	-----			
S-2n	= 0.000 (0.000)	-----			
S-alpha	= 7.490 (0.011)	-----			
S+p	= -2.559 (0.027)				
S+n	= -16.370 (0.009)				
S+2p	= 0.000 (0.000)				
S+2n	= -29.792 (0.008)				
S+alpha	= -6.707 (0.017)				
gap p	= -1.111 (0.029)				
gap n	= -1.280 (0.050)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= 0.783 (0.020)				