

^{52}Co $Z = 27$ $N = 25$ adopted link ENSDF link

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

BE = 432.929 (0.005) MeV

Qbeta+ = 13.988 (0.005) 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	= 1.444 (0.005)	-----			
52CO 4	2.931	0+			4
S-p	= 1.444 (0.005)	-----			
S-n	= 15.073 (0.049)	-----			
S-2p	= 6.295 (0.005)	-----			
S-2n	= 32.897 (0.126)	-----			
S-alpha	= 7.472 (0.009)	-----			
S+p	= -2.576 (0.026)				
S+n	= -16.387 (0.006)				
S+2p	= -1.501 (0.378)				
S+2n	= -29.809 (0.005)				
S+alpha	= -6.711 (0.008)				
gap p	= -1.132 (0.026)				
gap n	= -1.314 (0.049)				
gap 2p	= 4.794 (0.378)				
gap 2n	= 3.089 (0.126)				
gap alpha	= 0.762 (0.012)				