

^{50}Co $Z = 27$ $N = 23$ adopted link ENSDF link

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

BE = 400.032 (0.126) MeV

Qbeta+ = 16.887 (0.126) MeV

	Energy T	J+	J-	J-other	T1/2
50CO 1				0.000 (2) (6+)	1 38.8 MS 2
S-p =	0.128 (0.128)	-----			
S-2p =	2.871 (0.126)	-----			
50CO 2				4.835 (0)+	2
S-p =	0.128 (0.128)	-----			
S-n =	15.872 (0.506)	-----			
S-2p =	2.871 (0.126)	-----			
S-2n =	35.472 (0.496)	-----			
S-alpha=	7.597 (0.153)	-----			
S+p =	-1.338 (0.525)				
S+n =	-17.824 (0.135)				
S+2p =	1.140 (0.637)				
S+2n =	-32.897 (0.126)				
S+alpha =	-6.102 (0.398)				
gap p =	-1.210 (0.541)				
gap n =	-1.952 (0.524)				
gap 2p =	4.011 (0.649)				
gap 2n =	2.575 (0.512)				
gap alpha =	1.494 (0.427)				