

^{51}Co $Z = 27$ $N = 24$ adopted link ENSDF link

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

BE = 417.856 (0.048) MeV

Qbeta+ = 12.847 (0.048) MeV

	Energy T	J+	J-	J-other	T1/2
51CO 1			0.000	7/2-	1 68.8 MS 19
51CO 2			0.000	7/2-	2
51CO 3			0.000	7/2-	3 68.8 MS 19

S-p = 0.155 (0.049)-----
 S-n = 17.824 (0.135)-----
 S-2p = 4.300 (0.048)-----
 S-2n = 33.696 (0.492)-----
 S-alpha= 7.201 (0.058)-----

S+p = -2.507 (0.096)
 S+n = -15.073 (0.049)
 S+2p = -0.367 (0.479)
 S+2n = -31.460 (0.048)
 S+alpha = -6.718 (0.163)

gap p = -2.352 (0.108)
 gap n = 2.751 (0.143)
 gap 2p = 3.933 (0.482)
 gap 2n = 2.236 (0.495)
 gap alpha = 0.482 (0.173)