

^{63}V $Z = 23$ $N = 40$ adopted link ENSDF link

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

BE = 512.239 (0.340) MeV

Qbeta- = 14.438 (0.348) MeV

	Energy T	J+	J-	J-other	T1/2
63V	1		0.000	7/2-	1 17 MS 3

S-p = 16.859 (0.504)-----
 S-n = 4.598 (0.431)-----
 S-2p = 36.805 (0.698)-----
 S-2n = 7.706 (0.413)-----
 S-alpha= 13.336 (0.422)-----

S+p = -19.189 (0.453)
 S+n = -2.641 (0.513)
 S+2p = -33.805 (0.340)
 S+2n = -6.526 (0.621)
 S+alpha = -14.292 (0.395)

gap p = -2.330 (0.678)
 gap n = 1.957 (0.670)
 gap 2p = 3.000 (0.777)
 gap 2n = 1.180 (0.746)
 gap alpha = -0.957 (0.578)