

^{59}V $Z = 23$ $N = 36$ [link to full NNDC output](#)

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

BE = 496.046 (0.162) MeV

Qbeta- = 10.254 (0.270) MeV

	Energy T	J+	J-	J-other	T1/2
59V	1			0.000 (5/2-,3/2-)	1 97 MS 2

S-p = 0.000 (0.000)-----
 S-n = 5.502 (0.185)-----
 S-2p = 31.414 (1.314)-----
 S-2n = 9.561 (0.181)-----
 S-alpha= 10.098 (0.482)-----

S+p = -16.127 (0.252)
 S+n = -3.481 (0.273)
 S+2p = -28.488 (0.162)
 S+2n = -8.817 (0.909)
 S+alpha = -11.480 (0.162)

gap p = 0.000 (0.000)
 gap n = 2.020 (0.330)
 gap 2p = 2.926 (1.324)
 gap 2n = 0.744 (0.927)
 gap alpha = -1.382 (0.509)