

^{57}V $Z = 23$ $N = 34$ adopted link ENSDF link

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

BE = 486.506 (0.085) MeV

Qbeta- = 8.090 (0.085) MeV

	Energy T	J+	J-	J-other	T1/2
57V	1			0.000 (7/2-)	1 0.32 S 3
57V	2			0.113	2
57V	3			0.175	3
57V	4			1.163 (11/2-)	4
57V	5			1.732	5
57V	6			1.754	6
57V	7			2.036	7
57V	8			2.476	8

S-p = 12.301 (0.131)-----

S-n = 6.323 (0.195)-----

S-2p = 28.171 (0.105)-----

S-2n = 11.453 (0.089)-----

S-alpha= 8.090 (0.087)-----

S+p = -14.846 (0.085)

S+n = -4.067 (0.128)

S+2p = -25.668 (0.085)

S+2n = -9.318 (0.161)

S+alpha = -9.732 (0.085)

gap p = -2.545 (0.156)

gap n = 2.256 (0.233)

gap 2p = 2.503 (0.135)

gap 2n = 2.134 (0.184)

gap alpha = -1.642 (0.121)