

^{58}V $Z = 23$ $N = 35$ adopted link ENSDF link

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

BE = 490.573 (0.096) MeV

Qbeta- = 11.561 (0.096) MeV

	Energy T	J+	J-	J-other	T1/2
58V	1			0.000 (1+)	1 191 MS 10
58V	2			0.114	2

S-p = 13.318 (0.227)-----
 S-n = 4.067 (0.128)-----
 S-2p = 29.493 (0.277)-----
 S-2n = 10.390 (0.200)-----
 S-alpha= 8.418 (0.097)-----

S+p = -14.974 (0.096)
 S+n = -5.251 (0.168)
 S+2p = -27.115 (0.096)
 S+2n = -8.799 (0.206)
 S+alpha = -10.518 (0.096)

gap p = -1.657 (0.246)
 gap n = -1.184 (0.211)
 gap 2p = 2.377 (0.293)
 gap 2n = 1.590 (0.287)
 gap alpha = -2.101 (0.136)