

^{59}V $Z = 23$ $N = 36$ adopted link ENSDF link

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

BE = 495.824 (0.137) MeV

Qbeta- = 10.505 (0.137) MeV

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

S-p = 13.982 (0.229)-----

S-n = 5.251 (0.168)-----

S-2p = 30.809 (0.226)-----

S-2n = 9.318 (0.161)-----

S-alpha= 9.193 (0.151)-----

S+p = -16.587 (0.137)

S+n = -3.548 (0.228)

S+2p = -28.709 (0.137)

S+2n = -8.709 (0.272)

S+alpha = -11.701 (0.137)

gap p = -2.605 (0.267)

gap n = 1.703 (0.283)

gap 2p = 2.099 (0.265)

gap 2n = 0.609 (0.316)

gap alpha = -2.508 (0.204)