

$^{43}\text{V}$        $Z = 23$        $N = 20$       [link to full NNDC output](#)

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

BE = 346.989 ( 0.043) MeV

Qbeta+ = 11.405 ( 0.043) MeV

|             | Energy T         | J+    | J- | J-other      | T1/2         |
|-------------|------------------|-------|----|--------------|--------------|
| -----       |                  |       |    |              |              |
| 43V 1       |                  |       |    | 0.000        | 1 79.3 MS 24 |
| S-alpha=    | 6.169 ( 0.049)   | ----- |    |              |              |
| S-p =       | 0.101 ( 0.043)   | ----- |    |              |              |
| S-2p =      | 3.852 ( 0.043)   | ----- |    |              |              |
| 43V 2       |                  |       |    | 8.250 (3/2+) | 2            |
| S-p =       | 0.101 ( 0.043)   | ----- |    |              |              |
| S-n =       | 0.000 ( 0.000)   | ----- |    |              |              |
| S-2p =      | 3.852 ( 0.043)   | ----- |    |              |              |
| S-2n =      | 0.000 ( 0.000)   | ----- |    |              |              |
| S-alpha=    | 6.169 ( 0.049)   | ----- |    |              |              |
| S+p =       | 0.000 ( 0.000)   |       |    |              |              |
| S+n =       | -14.271 ( 0.187) |       |    |              |              |
| S+2p =      | 0.000 ( 0.000)   |       |    |              |              |
| S+2n =      | -30.112 ( 0.043) |       |    |              |              |
| S+alpha =   | -7.075 ( 0.053)  |       |    |              |              |
| gap p =     | 0.000 ( 0.000)   |       |    |              |              |
| gap n =     | 0.000 ( 0.000)   |       |    |              |              |
| gap 2p =    | 0.000 ( 0.000)   |       |    |              |              |
| gap 2n =    | 0.000 ( 0.000)   |       |    |              |              |
| gap alpha = | -0.906 ( 0.072)  |       |    |              |              |