

^{103}Sn $Z = 50$ $N = 53$ adopted link ENSDF link

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

BE = 859.329 (-0.103) MeV

Qbeta+ = 7.532 (0.103) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------|----------|----|---------------|-----------|
| ----- | | | | | |
| S-alpha= | -0.406 | (-0.103) | | | |
| 103SN | 1 | | | 0.000 (5/2+) | 1 7.0 S 2 |
| 103SN | 2 | | | 0.168 (7/2+) | 2 |
| 103SN | 3 | | | 1.197 | 3 |
| 103SN | 4 | | | 1.486 (11/2+) | 4 |
| 103SN | 5 | | | 1.775 | 5 |
| 103SN | 6 | | | 1.785 (13/2+) | 6 |

S-p = 3.695 (-0.103)-----

S-n = 10.237 (-0.144)-----

S-2p = 5.842 (-0.103)-----

S-2n = 22.938 (-0.317)-----

S-alpha= -0.406 (-0.103)-----

S+p = 0.497 (-0.146)

S+n = -12.598 (-0.103)

S+2p = -0.289 (-0.317)

S+2n = -22.380 (-0.103)

S+alpha = 4.019 (-0.149)

gap p = 4.192 (0.179)

gap n = -2.361 (0.177)

gap 2p = 5.553 (0.334)

gap 2n = 0.558 (0.334)

gap alpha = 3.613 (0.181)