

^{103}In $Z = 49$ $N = 54$ adopted link ENSDF link

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

BE = 867.643 (0.009) MeV

Qbeta+ = 6.019 (0.009) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|-------------------------|----------|----|----|---------------|-------------|
| 103IN 1 | | | | 0.000 (9/2)+ | 1 65 S 7 |
| S-alpha= 0.345 (0.011) | | | | | |
| 103IN 2 | | | | 0.632 (1/2-) | 2 34 S 2 |
| 103IN 3 | | | | 1.078 (11/2+) | 3 |
| 103IN 4 | | | | 1.273 (13/2+) | 4 |
| 103IN 5 | | | | 1.356 | 5 |
| 103IN 6 | | | | 1.397 | 6 |
| 103IN 7 | | | | 1.429 (9/2+) | 7 |
| 103IN 8 | | | | 1.670 | 8 |
| 103IN 9 | | | | 1.795 (17/2+) | 9 0.13 NS 2 |
| 103IN 10 | | | | 1.908 | 10 |
| ----- | | | | | |
| 103IN 11 | | | | 2.025 | 11 |
| 103IN 12 | | | | 2.110 (19/2+) | 12 |
| 103IN 13 | | | | 2.149 | 13 |
| 103IN 14 | | | | 2.177 | 14 |
| 103IN 15 | | | | 2.209 | 15 |
| S-p = 2.262 (0.009) | | | | | |
| 103IN 16 | | | | 2.320 | 16 |
| 103IN 17 | | | | 2.813 | 17 |
| 103IN 18 | | | | 2.925 (21/2+) | 18 |
| 103IN 19 | | | | 3.248 (23/2+) | 19 |
| 103IN 20 | | | | 3.281 | 20 |
| ----- | | | | | |
| 103IN 21 | | | | 3.462 | 21 |
| 103IN 22 | | | | 3.687 (25/2+) | 22 |
| 103IN 23 | | | | 4.192 (23/2-) | 23 |
| 103IN 24 | | | | 4.590 (25/2-) | 24 |
| 103IN 25 | | | | 4.811 (27/2+) | 25 |
| 103IN 26 | | | | 5.098 (25/2-) | 26 |
| 103IN 27 | | | | 5.343 (27/2-) | 27 |
| 103IN 28 | | | | 5.571 (27/2-) | 28 |
| 103IN 29 | | | | 5.704 (29/2-) | 29 |
| 103IN 30 | | | | 5.853 (29/2-) | 30 |
| ----- | | | | | |
| 103IN 31 | | | | 6.192 (31/2-) | 31 |
| 103IN 32 | | | | 6.229 (31/2-) | 32 |
| 103IN 33 | | | | 6.303 | 33 |
| 103IN 34 | | | | 0.000 (9/2+) | 34 65 S 7 |

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S-p    =  2.262 ( 0.009)-----  
S-n    = 12.009 ( 0.010)-----  
S-2p   =  7.876 ( 0.010)-----  
S-2n   = 22.230 ( 0.015)-----  
S-alpha=  0.345 ( 0.011)-----  
  
S+p     = -4.284 ( 0.011)  
S+n     = -9.622 ( 0.011)  
S+2p    = -3.961 ( 0.024)  
S+2n    = -21.151 ( 0.014)  
S+alpha =  1.554 ( 0.010)  
  
gap p   = -2.022 ( 0.014)  
gap n   =  2.387 ( 0.015)  
gap 2p  =  3.915 ( 0.026)  
gap 2n  =  1.079 ( 0.020)  
gap alpha =  1.899 ( 0.015)
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