

^{104}Tc $Z = 43$ $N = 61$ adopted link ENSDF link

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

BE = 888.275 (0.025) MeV

Qbeta- = 5.597 (0.025) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------|----|----|------------------|-------------|
| 104TC 1 | | | | 0.000 (3+) | 1 18.3 M 3 |
| 104TC 2 | | | | 0.070 (+) | 2 3.5 US 3 |
| 104TC 3 | | | | 0.106 (+) | 3 0.40 US 2 |
| 104TC 4 | | | | 0.120 (+) | 4 |
| 104TC 5 | 0.175 | 1+ | | | 5 |
| 104TC 6 | | | | 0.221 (0+,1+,2+) | 6 |
| 104TC 7 | | | | 0.266 | 7 |
| 104TC 8 | | | | 0.307 | 8 |
| 104TC 9 | | | | 0.364 | 9 |
| 104TC 10 | | | | 0.399 | 10 |
| 104TC 11 | | | | 0.443 | 11 |
| 104TC 12 | 0.614 | 1+ | | | 12 |
| 104TC 13 | 0.642 | 1+ | | | 13 |
| 104TC 14 | | | | 0.711 | 14 |
| 104TC 15 | 0.729 | 1+ | | | 15 |
| 104TC 16 | | | | 0.765 | 16 |
| 104TC 17 | | | | 0.779 | 17 |
| 104TC 18 | | | | 0.909 | 18 |
| 104TC 19 | | | | 0.989 | 19 |
| 104TC 20 | 1.017 | 1+ | | | 20 |

S-p = 8.834 (0.027)-----
 S-n = 5.966 (0.027)-----
 S-2p = 20.779 (0.025)-----
 S-2n = 14.069 (0.027)-----
 S-alpha= 5.133 (0.026)-----

S+p = -10.724 (0.025)
 S+n = -7.859 (0.043)
 S+2p = -18.442 (0.025)
 S+2n = -13.420 (0.028)
 S+alpha = -4.957 (0.029)

gap p = -1.891 (0.036)
 gap n = -1.892 (0.051)
 gap 2p = 2.337 (0.036)
 gap 2n = 0.649 (0.038)

gap alpha = 0.176 (0.039)