

^{86}Tc $Z = 43$ $N = 43$ adopted link ENSDF link

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

BE = 712.080 (-0.258) MeV

Qbeta+ = 12.523 (0.258) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|------------------|-------|----|----------------|--------------|
| 86TC 1 | | | | 0.000 1 (0+) | 1 55 MS 7 |
| 86TC 2 | | | | 0.593 1 (2+) | 2 |
| 86TC 3 | | | | 1.174 1 (3,4+) | 3 |
| S-p | = 1.367 (-0.258) | ----- | | | |
| 86TC 4 | | | | 1.443 1 (4+) | 4 |
| 86TC 5 | | | | 1.524 0 (6+) | 5 1.10 US 14 |

S-p = 1.367 (-0.258)-----

S-n = 13.805 (-0.497)-----

S-2p = 4.972 (-0.258)-----

S-2n = 30.000 (-0.493)-----

S-alpha= 2.200 (-0.417)-----

S+p = -1.407 (-0.506)

S+n = -14.174 (-0.258)

S+2p = 0.160 (-0.510)

S+2n = -26.225 (-0.258)

S+alpha = -2.484 (-0.315)

gap p = -0.040 (0.568)

gap n = -0.369 (0.560)

gap 2p = 5.132 (0.572)

gap 2n = 3.775 (0.556)

gap alpha = -0.284 (0.523)