

^{139}Tb $Z = 65$ $N = 74$ adopted link ENSDF link

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

BE = 1119.228 (-0.278) MeV

Qbeta+ = 9.504 (0.311) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------|----------|----|---------|-----------|
| S-alpha= | -3.513 | (-0.309) | | | |
| S-p = | -0.228 | (-0.310) | | | |
| 139TB | 1 | | | 0.000 | 1 1.6 S 2 |

S-p = -0.228 (-0.310)-----

S-n = 12.606 (-0.392)-----

S-2p = 2.599 (-0.278)-----

S-2n = 23.365 (-0.496)-----

S-alpha= -3.513 (-0.309)-----

S+p = -1.892 (-0.504)

S+n = -10.386 (-0.847)

S+2p = -0.735 (-0.506)

S+2n = -22.516 (-0.297)

S+alpha = 3.667 (-0.399)

gap p = -2.120 (0.592)

gap n = 2.220 (0.934)

gap 2p = 1.864 (0.578)

gap 2n = 0.849 (0.578)

gap alpha = 0.154 (0.505)