

^{214}Th $Z = 90$ $N = 124$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1646.156 (0.011) MeV

Qbeta+ = 4.251 (0.019) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|-------|----|------------|--------------|
| ----- | | | | | |
| S-alpha= | -7.827 (0.014) | ----- | | | |
| 214TH 1 | 0.000 | 0+ | | | 1 87 MS 10 |
| 214TH 2 | | | | 0.623 (2+) | 2 |
| 214TH 3 | | | | 1.453 (4+) | 3 |
| 214TH 4 | | | | 2.092 (6+) | 4 |
| 214TH 5 | | | | 2.181 (8+) | 5 1.24 US 12 |

S-p = 2.749 (0.019)-----

S-n = 9.497 (0.014)-----

S-2p = 3.684 (0.016)-----

S-2n = 17.559 (0.015)-----

S-alpha= -7.827 (0.014)-----

S+p = -0.120 (0.074)

S+n = -7.844 (0.014)

S+2p = -2.207 (0.030)

S+2n = -16.539 (0.016)

S+alpha = 8.775 (0.017)

gap p = 2.629 (0.076)

gap n = 1.652 (0.020)

gap 2p = 1.478 (0.034)

gap 2n = 1.020 (0.022)

gap alpha = 0.948 (0.022)