

^{53}K $Z = 19$ $N = 34$ [link to full NNDC output](#)

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

BE = 425.211 (0.112) MeV

Qbeta- = 17.092 (0.120) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|-------------------|----------|-------|-------|--------------|-----------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| ^{53}K 1 | | | | 0.000 (3/2+) | 1 30 MS 5 |

S-p = 0.000 (0.000)-----

S-n = 3.229 (0.117)-----

S-2p = 0.000 (0.000)-----

S-2n = 5.922 (0.113)-----

S-alpha= 0.000 (0.000)-----

S+p = -20.154 (0.122)

S+n = 0.000 (0.000)

S+2p = -32.442 (0.468)

S+2n = 0.000 (0.000)

S+alpha = -11.125 (1.309)

gap p = 0.000 (0.000)

gap n = 0.000 (0.000)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 0.000 (0.000)