$^{48}$K $Z = 19$ $N = 29$ link to full NNDC output

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

BE = 404.843 ( 0.001) MeV
Qbeta- = 11.940 ( 0.001) MeV

| | Energy | T | J+ | J- | J-other | T1/2 | |
|---|---|---|---|---|---|---|---|
| 48K | 1 | | | 0.000 | (2-) | 1 6.8 S | 2 |
| 48K | 2 | | | 0.350 | | 2 | |
| 48K | 3 | | | 0.580 | | 3 | |
| 48K | 4 | | | 0.800 | | 4 | |
| 48K | 5 | | | 2.100 | | 5 | |
| 48K | 6 | | | X | | 6 | |
| 48K | 7 | | | 279+X | | 7 | |
| 48K | 8 | | | 728+X | | 8 | |
| 48K | 9 | | | 2177+X | | 9 13 NS | 2 |

S-p = 14.207 ( 0.001)
S-n = 4.644 ( 0.002)
S-2p = 33.003 ( 0.209)
S-2n = 13.013 ( 0.001)
S-alpha= 14.325 ( 0.136)

S+p = -16.304 ( 0.001)
S+n = -5.398 ( 0.001)
S+2p = -26.841 ( 0.015)
S+2n = -9.586 ( 0.008)
S+alpha = -10.584 ( 0.082)

gap p = -2.097 ( 0.002)
gap n = -0.754 ( 0.002)
gap 2p = 6.162 ( 0.209)
gap 2n = 3.427 ( 0.008)
gap alpha = 3.741 ( 0.159)