

^{65}Mn $Z = 25$ $N = 40$ [link to full NNDC output](#)

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

BE = 546.044 (0.004) MeV

Qbeta- = 10.251 (0.006) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|----------|-------|-------|--------------|-----------|
| ----- | ----- | ----- | ----- | ----- | ----- |
| 65MN 1 | | | | 0.000 (5/2-) | 1 92 MS 1 |

S-p = 14.777 (0.440)-----

S-n = 6.050 (0.005)-----

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

S-2n = 10.223 (0.005)-----

S-alpha= 12.886 (0.894)-----

S+p = -16.390 (0.006)

S+n = -3.854 (0.012)

S+2p = -28.932 (0.007)

S+2n = 0.000 (0.000)

S+alpha = -11.737 (0.141)

gap p = -1.613 (0.440)

gap n = 2.195 (0.013)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 1.149 (0.905)