

^{84}Ge $Z = 32$ $N = 52$ [link to full NNDC output](#)

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

BE = 711.104 (0.003) MeV

Qbeta- = 7.705 (0.005) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|----------|----|----|------------|--------------|
| 84GE 1 | 0.000 | 0+ | | | 1 0.954 S 14 |
| 84GE 2 | | | | 0.624 (2+) | 2 |
| 84GE 3 | | | | 1.389 | 3 |
| 84GE 4 | | | | 1.670 (4+) | 4 |

S-p = 16.180 (0.004)-----
 S-n = 5.243 (0.004)-----
 S-2p = 30.412 (0.004)-----
 S-2n = 8.876 (0.004)-----
 S-alpha= 8.925 (0.004)-----

S+p = -12.330 (0.004)
 S+n = -3.046 (0.005)
 S+2p = -26.933 (0.004)
 S+2n = -7.394 (0.438)
 S+alpha = -8.161 (0.005)

gap p = 3.851 (0.006)
 gap n = 2.197 (0.006)
 gap 2p = 3.480 (0.006)
 gap 2n = 1.482 (0.438)
 gap alpha = 0.764 (0.006)