

^{57}Cu $Z = 29$ $N = 28$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 484.686 (0.001) MeV

Qbeta+ = 8.775 (0.001) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|----------------|-------|-------|---------|--------------|
| ----- | | | | | |
| 57CU 1 | | | 0.000 | 3/2- | 1 196.3 MS 7 |
| S-p = | 0.690 (0.001) | ----- | | | |
| 57CU 2 | | | 1.028 | 5/2- | 2 |
| 57CU 3 | | | 1.106 | 1/2- | 3 |
| 57CU 4 | | | 2.398 | 5/2- | 4 |
| 57CU 5 | | | | 2.520 | 5 |
| 57CU 6 | | | | 3.280 | 6 |
| 57CU 7 | | | | 3.510 | 7 |
| 57CU 8 | | | | 5.350 | 8 |
| 57CU 9 | | | | 5.710 | 9 |

S-p = 0.690 (0.001)-----

S-n = 16.751 (0.006)-----

S-2p = 7.857 (0.001)-----

S-2n = 31.816 (0.156)-----

S-alpha= 7.075 (0.002)-----

S+p = -2.279 (0.050)

S+n = -12.430 (0.001)

S+2p = -1.002 (0.177)

S+2n = -25.192 (0.001)

S+alpha = -2.251 (0.038)

gap p = -1.588 (0.050)

gap n = 4.321 (0.006)

gap 2p = 6.855 (0.177)

gap 2n = 6.624 (0.156)

gap alpha = 4.824 (0.038)