

^{46}Cl $Z = 17$ $N = 29$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 371.716 (0.097) MeV

Qbeta- = 16.036 (0.097) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|--------|----------|----|------------|---------|------------|
| 46CL 1 | | | 0.000 (2-) | | 1 232 MS 2 |
| 46CL 2 | | | | 0.118 | 2 |
| 46CL 3 | | | | 0.151 | 3 |
| 46CL 4 | | | | 0.402 | 4 |
| 46CL 5 | | | | 1.024 | 5 |

S-p = 17.701 (0.330) -----
 S-n = 3.544 (0.167) -----
 S-2p = 39.428 (0.408) -----
 S-2n = 9.399 (0.130) -----
 S-alpha = 17.252 (0.136) -----

S+p = -18.921 (0.097)
 S+n = -3.908 (0.212)
 S+2p = -33.127 (0.097)
 S+2n = -6.668 (0.490)
 S+alpha = -14.418 (0.098)

gap p = -1.221 (0.344)
 gap n = -0.365 (0.270)
 gap 2p = 6.300 (0.419)
 gap 2n = 2.730 (0.507)
 gap alpha = 2.834 (0.167)