

^{184}Hf $Z = 72$ $N = 112$ adopted link ENSDF link

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

BE = 1470.293 (0.040) MeV

Qbeta- = 1.340 (0.047) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|-------|----|------------|---------------|
| ----- | | | | | |
| S-alpha= | -0.883 (0.362) | ----- | | | |
| 184HF | 1 0.000 | 0+ | | | 1 4.12 H 5 |
| 184HF | 2 | | | 0.107 (2+) | 2 |
| 184HF | 3 | | | 0.350 (4+) | 3 |
| 184HF | 4 | | | 0.717 (6+) | 4 |
| 184HF | 5 | | | 1.199 (8+) | 5 |
| 184HF | 6 | | | 1.272 (8-) | 6 48 S 10 |

S-p = 9.072 (0.089)-----

S-n = 6.287 (0.050)-----

S-2p = 17.205 (0.366)-----

S-2n = 11.593 (0.040)-----

S-alpha= -0.883 (0.362)-----

S+p = -7.184 (0.042)

S+n = -4.892 (0.076)

S+2p = -15.587 (0.040)

S+2n = -11.067 (0.065)

S+alpha = 0.407 (0.040)

gap p = 1.888 (0.099)

gap n = 1.396 (0.090)

gap 2p = 1.618 (0.368)

gap 2n = 0.525 (0.076)

gap alpha = -0.476 (0.364)