

^{170}Lu $Z = 71$ $N = 99$ adopted link ENSDF link

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

BE = 1373.884 (0.017) MeV

Qbeta+ = 3.458 (0.017) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|----|----|---------|--------------|
| ----- | | | | | |
| S-alpha= | -2.155 (0.020) | | | | |
| 170LU 1 | 0.000 | 0+ | | | 1 2.012 D 30 |

S-p = 4.220 (0.017)-----

S-n = 7.295 (0.017)-----

S-2p = 10.572 (0.017)-----

S-2n = 16.376 (0.042)-----

S-alpha= -2.155 (0.020)-----

S+p = -5.414 (0.033)

S+n = -8.594 (0.017)

S+2p = -8.602 (0.033)

S+2n = -15.573 (0.017)

S+alpha = 3.141 (0.033)

gap p = -1.194 (0.037)

gap n = -1.299 (0.024)

gap 2p = 1.970 (0.037)

gap 2n = 0.804 (0.045)

gap alpha = 0.985 (0.038)