

^{171}Ir $Z = 77$ $N = 94$ adopted link ENSDF link

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

BE = 1346.367 (0.038) MeV

Qbeta+ = 7.885 (0.043) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|----|----|--------------|---------------|
| S-alpha= | -6.072 (0.000) | | | | |
| S-p = | -0.225 (0.040) | | | | |
| 171IR | 1 | | | 0.000 (1/2+) | 1 3.2 S +13-7 |

S-p = -0.225 (0.040)-----
 S-n = 11.357 (0.174)-----
 S-2p = 2.581 (0.040)-----
 S-2n = 20.461 (0.045)-----
 S-alpha= -6.072 (0.000)-----

S+p = -1.984 (0.040)
 S+n = -9.039 (0.050)
 S+2p = -0.998 (0.045)
 S+2n = -19.999 (0.040)
 S+alpha = 6.583 (0.054)

gap p = -2.209 (0.056)
 gap n = 2.318 (0.181)
 gap 2p = 1.583 (0.060)
 gap 2n = 0.462 (0.060)
 gap alpha = 0.511 (0.054)