

^{222}Po $Z = 84$ $N = 138$ adopted link ENSDF link

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

BE = 1703.629 (0.040) MeV

Qbeta- = 1.533 (0.043) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|----|----|---------|-------------|
| ----- | | | | | |
| S-alpha= | -4.356 (0.222) | | | | |
| 222PO | 1 0.000 | 0+ | | | 1 550 S 430 |

S-p = 9.001 (0.225)-----

S-n = 5.359 (0.045)-----

S-2p = 16.229 (0.442)-----

S-2n = 8.920 (0.044)-----

S-alpha= -4.356 (0.222)-----

S+p = -6.347 (0.042)

S+n = -3.436 (0.227)

S+2p = -14.619 (0.041)

S+2n = -8.627 (0.228)

S+alpha = 3.836 (0.041)

gap p = 2.654 (0.229)

gap n = 1.923 (0.231)

gap 2p = 1.610 (0.444)

gap 2n = 0.293 (0.232)

gap alpha = -0.520 (0.225)