

$^{127}\text{Pd}$        $Z = 46$        $N = 81$       adopted link      ENSDF link

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

BE      =    1036.320 (-0.508) MeV

Qbeta- =      11.450 ( 0.568) MeV

|       | Energy T | J+ | J- | J-other | T1/2      |
|-------|----------|----|----|---------|-----------|
| ----- |          |    |    |         |           |
| 127PD | 1        |    |    | 0.000   | 1 38 MS 2 |

S-p      =    17.358 (-0.716)-----

S-n      =      3.498 (-0.633)-----

S-2p     =    33.445 (-0.566)-----

S-2n     =      9.445 (-0.631)-----

S-alpha= 13.077 (-0.707)-----

S+p      = -14.688 (-0.569)

S+n      =    -5.216 (-0.721)

S+2p     = -30.450 (-0.508)

S+2n     =    -6.774 (-0.821)

S+alpha = -10.386 (-0.508)

gap p     =    2.670 ( 0.914)

gap n     =    -1.718 ( 0.960)

gap 2p    =    2.995 ( 0.761)

gap 2n    =    2.671 ( 1.036)

gap alpha =    2.691 ( 0.871)