

$^{200}\text{Rn}$        $Z = 86$        $N = 114$       adopted link      ENSDF link

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

BE = 1550.982 ( 0.006) MeV

Qbeta+ = 4.987 ( 0.025) MeV

|          | Energy T        | J+    | J- | J-other    | T1/2            |
|----------|-----------------|-------|----|------------|-----------------|
| -----    |                 |       |    |            |                 |
| S-alpha= | -7.043 ( 0.008) | ----- |    |            |                 |
| 200RN    | 1   0.000       | 0+    |    |            | 1 1.03 S +20-11 |
| 200RN    | 2   0.433       | 2+    |    |            | 2               |
| 200RN    | 3               |       |    | 0.936 (4+) | 3               |
| 200RN    | 4               |       |    | 1.501 (6+) | 4               |
| 200RN    | 5               |       |    | 1.776 (6+) | 5               |
| 200RN    | 6               |       |    | 2.034 (8+) | 6               |
| 200RN    | 7               |       |    | 2.114 (8+) | 7               |
| 200RN    | 8               |       |    | 2.300 (9)  | 8               |

S-p = 2.466 ( 0.008)-----

S-n = 10.512 ( 0.009)-----

S-2p = 3.105 ( 0.018)-----

S-2n = 18.913 ( 0.015)-----

S-alpha= -7.043 ( 0.008)-----

S+p = 0.300 ( 0.011)

S+n = -8.178 ( 0.012)

S+2p = -1.502 ( 0.016)

S+2n = -18.417 ( 0.018)

S+alpha = 7.637 ( 0.011)

gap p = 2.766 ( 0.013)

gap n = 2.334 ( 0.015)

gap 2p = 1.603 ( 0.024)

gap 2n = 0.496 ( 0.024)

gap alpha = 0.593 ( 0.013)