^{229}Rn $Z = 86$ $N = 143$ adopted link   ENSDF link

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

BE   =   1741.688 (0.013) MeV
Qbeta- =   3.694 (0.014) MeV

```
              Energy T   J+                 J-                J-other          T1/2

-----------------------------------------------------------------------------------------
S-alpha= -2.458 ( 0.225)-----------------------------------------------------------------
229RN    1 |                |                 |   0.000                      1    12.0 S  +12-13


S-p    =   9.800 ( 0.456)------------------------------------------------------------------
S-n    =   3.953 ( 0.022)------------------------------------------------------------------
S-2p   =  17.396 ( 0.454)------------------------------------------------------------------
S-2n   =   9.666 ( 0.019)------------------------------------------------------------------
S-alpha= -2.458 ( 0.225)------------------------------------------------------------------

S+p       =  -7.165 ( 0.015)
S+n       =  -5.162 ( 0.230)
S+2p      = -15.724 ( 0.017)
S+2n      =  -9.061 ( 0.231)
S+alpha   =   2.547 ( 0.016)

gap p     =   2.635 ( 0.456)
gap n     =  -1.210 ( 0.231)
gap 2p    =   1.672 ( 0.455)
gap 2n    =   0.605 ( 0.232)
gap alpha =   0.089 ( 0.226)
```