^{221}Bi $Z = 83$ $N = 138$ adopted link   ENSDF link

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

BE   =   1694.628 (-0.221) MeV
Qbeta- =   4.425 (0.222) MeV

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

         ---------------------------------------------------------------------------------
S-alpha= -3.049 (-0.487)---------------------------------------------------------------------
221BI   1 |                |                | 0.000                       1    300 NS  GT


S-p    =   7.228 (-0.492)------------------------------------------------------------------
S-n    =   4.808 (-0.312)------------------------------------------------------------------
S-2p   =   0.000 (-0.000)------------------------------------------------------------------
S-2n   =   8.328 (-0.311)------------------------------------------------------------------
S-alpha= -3.049 (-0.487)------------------------------------------------------------------

S+p       =  -9.001 (-0.225)
S+n       =  -3.228 (-0.313)
S+2p      = -15.348 (-0.221)
S+2n      =  -8.200 (-0.498)
S+alpha   =   3.699 (-0.315)

gap p     =  -1.773 ( 0.541)
gap n     =   1.580 ( 0.442)
gap 2p    =   0.000 ( 0.000)
gap 2n    =   0.128 ( 0.587)
gap alpha =   0.650 ( 0.580)
```