^{194}Au $Z = 79$ $N = 115$ adopted link   ENSDF link

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

BE   =   1536.242 (0.002) MeV
Qbeta+ =   2.548 (0.002) MeV

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

          --------------------------------------------------------------------------------
S-alpha=  -2.117 ( 0.003)---------------------------------------------------------------------
194AU   1 |              |   0.000    1-   |                                   1  38.02 H   10
194AU   2 |              |                 |   0.035     (2)-                   2
194AU   3 |              |                 |   0.081     (3)-                   3
194AU   4 |              |                 |   0.107     (5+)                   4  600 MS    8
194AU   5 |              |                 |   0.244     (7+)                   5  2.6 NS    2
194AU   6 |              |                 |   0.278     (6+)                   6  1.1 NS    4
194AU   7 |              |                 |   0.407     (8+)                   7  2.9 NS    4
194AU   8 |              |                 |   0.439     (9+)                   8
194AU   9 |              |                 |   0.476     (11-)                  9  420 MS   10
194AU  10 |              |                 |   0.536     (9+)                  10
---------                                                       ----------------
194AU  11 |              |                 |   0.609     (9+)                  11
194AU  12 |              |                 |   0.619     (12-)                 12
194AU  13 |              |                 |   0.686     (10+)                 13
194AU  14 |              |                 |   0.720     (9)                   14
194AU  15 |              |                 |   0.768     (10+)                 15
194AU  16 |              |                 |   0.840     (13-)                 16
194AU  17 |              |                 |   0.888     (10+)                 17
194AU  18 |              |                 |   1.033     (14-)                 18
194AU  19 |              |                 |   1.154     (11+)                 19
194AU  20 |              |                 |   1.257     (10,11)               20
---------                                                       ----------------
194AU  21 |              |                 |   1.285     (14-)                 21
194AU  22 |              |                 |   1.482     (12+)                 22
194AU  23 |              |                 |   1.526     (15-)                 23
194AU  24 |              |                 |   1.749     (16-)                 24
194AU  25 |              |                 |   1.781     (16-)                 25
194AU  26 |              |                 |   1.849     (13+)                 26
194AU  27 |              |                 |   2.084     (14+)                 27
194AU  28 |              |                 |   2.085     (14+)                 28
194AU  29 |              |                 |   2.092     (15+)                 29
194AU  30 |              |                 |   2.185     (16+)                 30
---------                                                       ----------------
194AU  31 |              |                 |   2.236     (17+)                 31
194AU  32 |              |                 |   2.301     (17-)                 32
194AU  33 |              |                 |   2.334                           33
194AU  34 |              |                 |   2.432     (19+)                 34
194AU  35 |              |                 |   2.522     (18-)                 35
194AU  36 |              |                 |   2.585     (19+)                 36
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194AU   37 |                       |          |  2.699    (20+)          37
194AU   38 |                       |          |  2.765    (20-)          38
194AU   39 |                       |          |  2.948    (22-)          39
194AU   40 |                       |          |  2.980    (19-)          40
----------                                               ----------------
194AU   41 |                       |          |  3.174    (22+)          41
194AU   42 |                       |          |  3.335    (22+)          42
194AU   43 |                       |          |  3.417    (24-)          43
194AU   44 |                       |          |  3.656                   44
194AU   45 |                       |          |  4.216    (26-)          45


S-p    =   5.021 ( 0.003)--------------------------------------------------------------------
S-n    =   6.878 ( 0.009)--------------------------------------------------------------------
S-2p   =  11.954 ( 0.002)--------------------------------------------------------------------
S-2n   =  15.582 ( 0.016)--------------------------------------------------------------------
S-alpha=  -2.117 ( 0.003)--------------------------------------------------------------------

S+p       =  -6.090 ( 0.023)
S+n       =  -8.426 ( 0.002)
S+2p      =  -9.863 ( 0.012)
S+2n      = -15.069 ( 0.004)
S+alpha   =   2.258 ( 0.008)

gap p     =  -1.069 ( 0.023)
gap n     =  -1.548 ( 0.009)
gap 2p    =   2.092 ( 0.013)
gap 2n    =   0.513 ( 0.016)
gap alpha =   0.142 ( 0.008)
```