

$^{206}\text{Hg}$        $Z = 80$        $N = 126$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1621.049 ( 0.020) MeV

Qbeta- = 1.308 ( 0.020) MeV

|          | Energy T       | J+ | J-    | J-other     | T1/2         |
|----------|----------------|----|-------|-------------|--------------|
| 206HG 1  | 0.000          | 0+ |       |             | 1 8.32 M 7   |
| S-alpha= | 0.679 ( 0.032) |    |       |             |              |
| 206HG 2  | 1.068          | 2+ |       |             | 2 21 NS LT   |
| 206HG 3  |                |    | 2.102 | 5-          | 3 2.15 US 21 |
| 206HG 4  |                |    |       | 2.466 (7-)  | 4            |
| 206HG 5  |                |    |       | 3.623 (8+)  | 5            |
| 206HG 6  | 3.625          | 0+ |       |             | 6            |
| 206HG 7  |                |    |       | 3.723 (10+) | 7 92 NS 8    |
| 206HG 8  |                |    |       | 4.606 (10+) | 8            |
| 206HG 9  |                |    |       | 4.988 (11+) | 9            |
| 206HG 10 |                |    |       | 5.644 (12+) | 10           |
| 206HG 11 |                |    |       | 6.068 (13-) | 11           |
| 206HG 12 |                |    |       | 6.277       | 12           |

S-p = 0.000 ( 0.000)-----  
S-n = 6.729 ( 0.021)-----  
S-2p = 0.000 ( 0.000)-----  
S-2n = 12.398 ( 0.020)-----  
S-alpha= 0.679 ( 0.032)-----

S+p = -7.378 ( 0.021)  
S+n = -3.613 ( 0.036)  
S+2p = -15.381 ( 0.020)  
S+2n = -8.462 ( 0.037)  
S+alpha = 3.792 ( 0.020)

gap p = 0.000 ( 0.000)  
gap n = 3.116 ( 0.042)  
gap 2p = 0.000 ( 0.000)  
gap 2n = 3.936 ( 0.042)  
gap alpha = 4.471 ( 0.038)