$^{236}$Pu $Z = 94$ $N = 142$ link to full NNDC output

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

BE = 1788.389 ( 0.002) MeV

| | Energy | T | J+ | | J- | | J-other | | | T1/2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S-alpha= | -5.867 | ( 0.003) | | | | | | | | | |
| 236PU 1 | 0.000 | | 0+ | | | | | | 1 | 2.858 Y | 8 |
| 236PU 2 | 0.045 | | 2+ | | | | | | 2 | | |
| 236PU 3 | 0.147 | | 4+ | | | | | | 3 | | |
| 236PU 4 | 0.306 | | 6+ | | | | | | 4 | | |
| 236PU 5 | 0.516 | | 8+ | | | | | | 5 | | |
| 236PU 6 | | | | 0.698 | 1- | | | | 6 | | |
| 236PU 7 | | | | 0.758 | 3- | | | | 7 | | |
| 236PU 8 | 0.774 | | 10+ | | | | | | 8 | | |
| 236PU 9 | | | | 0.866 | 5- | | | | 9 | | |
| 236PU 10 | 1.074 | | 12+ | | | | | | 10 | | |
| 236PU 11 | | | | 1.185 | 5- | | | | 11 | 1.2 US | 3 |
| 236PU 12 | | | | | | 1.312 | (0-) | | 12 | | |
| 236PU 13 | | | | | | 1.341 | (2-) | | 13 | | |
| 236PU 14 | 1.414 | | 14+ | | | | | | 14 | | |
| 236PU 15 | 1.786 | | 16+ | | | | | | 15 | | |
| 236PU 16 | | | | | | 3.000 | (0+) | | 16 | 40 PS | 15 |
| 236PU 17 | | | | | | 4.000 | | | 17 | 34 NS | 8 |

S-p = 5.430 ( 0.002)
S-n = 7.352 ( 0.021)
S-2p = 9.821 ( 0.002)
S-2n = 13.591 ( 0.007)
S-alpha= -5.867 ( 0.003)

S+p = 0.000 ( 0.000)
S+n = -5.881 ( 0.003)
S+2p = -8.034 ( 0.012)
S+2n = -12.881 ( 0.002)
S+alpha = 6.398 ( 0.003)

gap p = 0.000 ( 0.000)
gap n = 1.471 ( 0.021)
gap 2p = 1.787 ( 0.012)
gap 2n = 0.710 ( 0.007)
gap alpha = 0.531 ( 0.004)