

^{201}Pb $Z = 82$ $N = 119$ adopted link ENSDF link

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

BE = 1583.453 (0.014) MeV

Qbeta+ = 1.910 (0.020) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|----------|----------|-------|----------------------|-------------|
| ----- | | | | | |
| S-alpha= | -2.844 | (0.014) | ----- | | |
| 201PB 1 | | | 0.000 | 5/2- | 1 9.33 H 3 |
| 201PB 2 | | | 0.089 | 3/2- | 2 |
| 201PB 3 | | | | 0.170 (1/2-) | 3 |
| 201PB 4 | | | | 0.539 (3/2-) | 4 |
| 201PB 5 | 0.629 | 13/2+ | | | 5 60.8 S 18 |
| 201PB 6 | | | | 0.880 (5/2-) | 6 |
| 201PB 7 | | | 0.910 | 5/2- | 7 |
| 201PB 8 | | | 0.936 | 7/2- | 8 |
| 201PB 9 | | | 0.990 | 7/2- | 9 |
| 201PB 10 | | | | 1.014 7/2-,9/2- | 10 |
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| 201PB 11 | | | | 1.186 7/2-,9/2- | 11 |
| 201PB 12 | | | 1.325 | 7/2- | 12 |
| 201PB 13 | 1.415 | 9/2+ | | | 13 |
| 201PB 14 | 1.448 | 11/2+ | | | 14 |
| 201PB 15 | | | | 1.490 7/2-,9/2- | 15 |
| 201PB 16 | 1.542 | 17/2+ | | | 16 |
| 201PB 17 | 1.546 | 15/2+ | | | 17 |
| 201PB 18 | 1.651 | 7/2+ | | | 18 |
| 201PB 19 | 1.737 | 9/2+ | | | 19 |
| 201PB 20 | 1.844 | 11/2+ | | | 20 |
| ----- | | | | | |
| 201PB 21 | 1.876 | 9/2+ | | | 21 |
| 201PB 22 | 1.897 | 19/2+ | | | 22 3.2 NS 6 |
| 201PB 23 | 1.903 | 21/2+ | | | 23 |
| 201PB 24 | | | | 1.978 7/2+,9/2,11/2- | 24 |
| 201PB 25 | 2.069 | 21/2+ | | | 25 |
| 201PB 26 | 2.119 | 9/2+ | | | 26 |
| 201PB 27 | 2.152 | 7/2+ | | | 27 |
| 201PB 28 | | | | 2.209 (9/2+) | 28 |
| 201PB 29 | | | | 2.280 (9/2+) | 29 |
| 201PB 30 | | | | 2.439 7/2+,9/2+ | 30 |
| ----- | | | | | |
| 201PB 31 | | | | 2.460 7/2+,9/2+ | 31 |
| 201PB 32 | | | | 2.475 (7/2+,9/2+) | 32 |
| 201PB 33 | | | 2.497 | 21/2- | 33 |
| 201PB 34 | 2.507 | 9/2+ | | | 34 |
| 201PB 35 | | | 2.549 | 11/2- | 35 |
| 201PB 36 | | | | 2.605 (19/2,21/2) | 36 |

S-p = 5.513 (0.015)-----
S-n = 7.091 (0.017)-----
S-2p = 10.303 (0.014)-----
S-2n = 16.182 (0.015)-----
S-alpha= -2.844 (0.014)-----

S+p = -2.769 (0.020)
S+n = -8.741 (0.014)
S+2p = -6.618 (0.015)
S+2n = -15.658 (0.015)
S+alpha = 5.325 (0.017)

gap p = 2.744 (0.025)
gap n = -1.649 (0.022)
gap 2p = 3.685 (0.020)
gap 2n = 0.524 (0.022)
gap alpha = 2.480 (0.022)