

^{126}Sb $Z = 51$ $N = 75$ adopted link ENSDF link

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

BE = 1063.479 (0.032) MeV

Qbeta- = 3.671 (0.032) MeV

| | Energy T | J+ | J- | J-other | T1/2 | |
|-------|----------|----|----|------------------|------|-----------|
| 126SB | 1 | | | 0.000 (8-) | 1 | 12.35 D 6 |
| 126SB | 2 | | | 0.018 (5+) | 2 | 19.15 M 9 |
| 126SB | 3 | | | 0.040 (3-) | 3 | 11 S AP |
| 126SB | 4 | | | 0.083 (2-,3-,4-) | 4 | 5.1 NS 3 |
| 126SB | 5 | | | 0.105 (3+) | 5 | 553 NS 5 |
| 126SB | 6 | | | 0.128 (2+) | 6 | 78.0 NS 5 |
| 126SB | 7 | | | 0.671 (9-) | 7 | |
| 126SB | 8 | | | 1.045 (10-) | 8 | |
| 126SB | 9 | | | 1.689 (11+) | 9 | 60 NS 20 |
| 126SB | 10 | | | 1.811 (13+) | 10 | 90 NS 16 |
| 126SB | 11 | | | 2.006 (12-) | 11 | |
| 126SB | 12 | | | 2.191 (12+) | 12 | |
| 126SB | 13 | | | 2.359 (14-) | 13 | |
| 126SB | 14 | | | 2.683 (13+) | 14 | |
| 126SB | 15 | | | 2.802 (15-) | 15 | |
| 126SB | 16 | | | 2.813 (14+) | 16 | |
| 126SB | 17 | | | 2.912 (15+) | 17 | |
| 126SB | 18 | | | 3.214 (16-) | 18 | |
| 126SB | 19 | | | 3.638 (17-) | 19 | |
| 126SB | 20 | | | 4.135 (18-) | 20 | |

S-p = 7.788 (0.032)-----
 S-n = 6.209 (0.032)-----
 S-2p = 20.103 (0.044)-----
 S-2n = 14.917 (0.032)-----
 S-alpha= 5.247 (0.059)-----

S+p = -9.176 (0.032)
 S+n = -8.376 (0.032)
 S+2p = -15.923 (0.032)
 S+2n = -14.379 (0.037)
 S+alpha = -2.968 (0.032)

gap p = -1.388 (0.045)
 gap n = -2.167 (0.045)
 gap 2p = 4.180 (0.055)
 gap 2n = 0.537 (0.049)

gap alpha = 2.279 (0.067)