

^{132}I $Z = 53$ $N = 79$ adopted link ENSDF link

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

BE = 1109.653 (0.004) MeV

Qbeta- = 3.576 (0.004) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|------|-----------|----|----|------------|--------------|
| 132I | 1 0.000 | 4+ | | | 1 2.295 H 13 |
| 132I | 2 | | | 0.022 (5+) | 2 |
| 132I | 3 0.050 | 3+ | | | 3 7.14 NS 14 |
| 132I | 4 | | | 0.120 (8-) | 4 1.387 H 15 |
| 132I | 5 0.162 | 2+ | | | 5 3.57 NS 7 |
| 132I | 6 0.278 | 1+ | | | 6 1.42 NS 2 |

S-p = 7.781 (0.004)-----
 S-n = 6.332 (0.004)-----
 S-2p = 17.996 (0.015)-----
 S-2n = 14.910 (0.005)-----
 S-alpha= 3.499 (0.019)-----

S+p = -9.229 (0.005)
 S+n = -8.225 (0.007)
 S+2p = -15.766 (0.004)
 S+2n = -14.483 (0.006)
 S+alpha = -3.060 (0.004)

gap p = -1.448 (0.006)
 gap n = -1.893 (0.008)
 gap 2p = 2.230 (0.015)
 gap 2n = 0.427 (0.008)
 gap alpha = 0.438 (0.020)