

^{253}Md $Z = 101$ $N = 152$ adopted link ENSDF link

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

BE = 1881.814 (0.000) MeV

Qbeta+ = 1.867 (0.002) MeV

| | Energy T | J+ | J- | J-other | T1/2 |
|----------|-----------------|----|----|--------------|-------------|
| ----- | | | | | |
| S-alpha= | -7.508 (0.000) | | | | |
| 253MD 1 | | | | 0.000 (7/2-) | 1 6 M +12-3 |
| 253MD 2 | | | | 0.060 | 2 |
| 253MD 3 | | | | 1.000 | 3 |

S-p = 2.893 (0.005)-----
 S-n = 7.326 (0.091)-----
 S-2p = 7.877 (0.005)-----
 S-2n = 13.897 (0.019)-----
 S-alpha= -7.508 (0.000)-----

S+p = -3.778 (0.010)
 S+n = -5.914 (0.000)
 S+2p = -5.843 (0.018)
 S+2n = -12.513 (0.006)
 S+alpha = 9.081 (0.000)

gap p = -0.885 (0.011)
 gap n = 1.412 (0.091)
 gap 2p = 2.034 (0.018)
 gap 2n = 1.384 (0.020)
 gap alpha = 1.573 (0.000)