

$^{151}\text{Ba}$        $Z = 56$        $N = 95$       adopted link      ENSDF link

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

BE = 1219.929 (-0.453) MeV

Qbeta- = 8.339 ( 0.628) MeV

	Energy T	J+	J-	J-other	T1/2
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151BA 1				0.000	1 0.167 S 5

S-p = 14.079 (-0.639)-----

S-n = 3.153 (-0.453)-----

S-2p = 26.588 (-0.542)-----

S-2n = 8.283 (-0.453)-----

S-alpha= 5.049 (-0.476)-----

S+p = -11.575 (-0.546)

S+n = -4.735 (-0.643)

S+2p = -24.573 (-0.478)

S+2n = -7.590 (-0.645)

S+alpha = -5.260 (-0.549)

gap p = 2.504 ( 0.840)

gap n = -1.582 ( 0.786)

gap 2p = 2.015 ( 0.723)

gap 2n = 0.693 ( 0.788)

gap alpha = -0.211 ( 0.727)