

^{152}Ba $Z = 56$ $N = 96$ adopted link ENSDF link

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

BE = 1224.664 (-0.456) MeV

Qbeta- = 7.622 (0.548) MeV

	Energy T	J+	J-	J-other	T1/2
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152BA 1	0.000	0+			1 0.139 S 8

S-p = 14.701 (-0.643)-----

S-n = 4.735 (-0.643)-----

S-2p = 27.214 (-0.546)-----

S-2n = 7.888 (-0.456)-----

S-alpha= 5.412 (-0.544)-----

S+p = -11.729 (-0.549)

S+n = -2.855 (-0.647)

S+2p = -25.200 (-0.481)

S+2n = -7.490 (-0.649)

S+alpha = -5.648 (-0.553)

gap p = 2.972 (0.845)

gap n = 1.880 (0.912)

gap 2p = 2.014 (0.728)

gap 2n = 0.398 (0.793)

gap alpha = -0.236 (0.775)