

$^{148}\text{Ba}$        $Z = 56$        $N = 92$       [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1208.337 ( 0.063) MeV

Qbeta- = 5.115 ( 0.066) MeV

	Energy T	J+		J-		J-other	T1/2
148BA 1	0.000	0+					1 0.612 S 17
148BA 2	0.142	2+					2
148BA 3	0.423	4+					3
148BA 4				0.687	1-		4
148BA 5						0.775 (3-)	5
148BA 6	0.808	6+					6
148BA 7						0.963 (5-)	7
148BA 8	1.049	2+					8
148BA 9				1.256	7-		9
148BA 10	1.265	8+					10
148BA 11				1.645	9-		11
148BA 12	1.768	10+					12
148BA 13						2.117 (11-)	13
148BA 14						2.303 (12+)	14
148BA 15						2.659	15
148BA 16						2.867	16

S-p = 12.963 ( 0.064)-----

S-n = 5.401 ( 0.066)-----

S-2p = 24.217 ( 0.068)-----

S-2n = 8.789 ( 0.066)-----

S-alpha= 3.146 ( 0.063)-----

S+p = -9.915 ( 0.210)

S+n = -3.598 ( 0.442)

S+2p = -21.831 ( 0.064)

S+2n = 0.000 ( 0.000)

S+alpha = 0.000 ( 0.000)

gap p = 3.047 ( 0.219)

gap n = 1.803 ( 0.447)

gap 2p = 2.386 ( 0.093)

gap 2n = 0.000 ( 0.000)

gap alpha = 0.000 ( 0.000)