

^{148}Ba $Z = 56$ $N = 92$ adopted link ENSDF link

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

BE = 1208.288 (0.001) MeV

Qbeta- = 5.164 (0.020) 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 = 12.914 (0.009)-----

S-n = 5.352 (0.020)-----

S-2p = 24.168 (0.024)-----

S-2n = 8.821 (0.002)-----

S-alpha= 3.097 (0.006)-----

S+p = -9.964 (0.200)

S+n = -3.357 (0.003)

S+2p = -21.880 (0.012)

S+2n = -8.488 (0.006)

S+alpha = -3.888 (0.152)

gap p = 2.950 (0.200)

gap n = 1.995 (0.020)

gap 2p = 2.288 (0.027)

gap 2n = 0.334 (0.006)

gap alpha = -0.791 (0.152)