

^{143}Cs $Z = 55$ $N = 88$ adopted link ENSDF link

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

BE = 1178.845 (0.008) MeV

Qbeta- = 6.262 (0.010) MeV

	Energy T	J+	J-	J-other	T1/2
143CS 1	0.000	3/2+			1 1.791 S 7
143CS 2	0.077	5/2+			2
143CS 3	0.090	7/2+			3
143CS 4	0.349	9/2+			4
143CS 5	0.372	11/2+			5
143CS 6	0.756	13/2+			6
143CS 7	0.769	15/2+			7
143CS 8			0.817	9/2-	8
143CS 9			0.873	11/2-	9
143CS 10			1.072	13/2-	10
143CS 11			1.156	15/2-	11
143CS 12				1.182 13/2	12
143CS 13	1.254	19/2+			13
143CS 14	1.255	17/2+			14
143CS 15			1.398	17/2-	15
143CS 16			1.550	19/2-	16
143CS 17				1.559 17/2	17
S-alpha=	1.629 (0.009)				
143CS 18			1.803	21/2-	18
143CS 19	1.805	23/2+			19
143CS 20	1.813	21/2+			20
143CS 21				2.032 (23/2-)	21
143CS 22				2.053 (21/2)	22
143CS 23				2.294 (25/2-)	23
143CS 24	2.424	27/2+			24
143CS 25	2.428	25/2+			25
143CS 26				2.581	26
143CS 27				2.627	27
143CS 28				2.861	28
143CS 29				3.087	29
143CS 30				3.118	30

S-p = 9.735 (0.008)

S-n = 5.232 (0.010)

S-2p = 22.327 (0.018)

S-2n = 9.341 (0.012)

S-alpha= 1.629 (0.009)-----

S+p = -11.380 (0.010)

S+n = -3.667 (0.022)

S+2p = -19.738 (0.014)

S+2n = -8.521 (0.012)

S+alpha = -1.428 (0.013)

gap p = -1.646 (0.013)

gap n = 1.565 (0.024)

gap 2p = 2.589 (0.023)

gap 2n = 0.819 (0.017)

gap alpha = 0.202 (0.016)