

^{130}Cs $Z = 55$ $N = 75$ adopted link ENSDF link

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

BE = 1093.142 (0.008) MeV
 Qbeta- = 0.357 (0.008) MeV
 Qbeta+ = 2.981 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
130CS	1	0.000	1+		1 29.21 M 4
130CS	2	0.080	2+		2
130CS	3	0.132	2+		3
130CS	4			0.148 2-	4
130CS	5			0.163 5-	5 3.46 M 6
130CS	6			0.170 (LE 3)	6
130CS	7			0.254 (LE 4)	7
130CS	8			0.270 (1+,3+)	8
130CS	9			0.279 (6)-	9
130CS	10			0.315 (1,3)	10
130CS	11			0.318	11
130CS	12			0.376 (7)-	12
130CS	13			0.432 (1 TO 4)	13
130CS	14			0.530	14
130CS	15			0.535	15
130CS	16			0.566 (8-)	16
130CS	17			0.618 (8)-	17
130CS	18			0.638	18
130CS	19			0.688	19
130CS	20			0.878 (9-)	20
130CS	21			0.954	21
130CS	22			0.962	22
130CS	23			0.975 (9+)	23
130CS	24			0.997 (9-)	24
130CS	25			1.050	25
130CS	26			1.127 (10+)	26
130CS	27			1.172 (10-)	27
130CS	28			1.243	28
130CS	29			1.265 (10-)	29
S-alpha=	1.414 (0.009)				
130CS	30			1.480 (11+)	30
130CS	31			1.513 (11-)	31
130CS	32			1.674 (11+)	32
130CS	33			1.770 (12+)	33
130CS	34			1.806	34
130CS	35			1.961 (12-)	35

130CS 36				2.075	(12+)	36
130CS 37				2.086	(12-)	37
130CS 38				2.187	(13+)	38
130CS 39				2.310		39
130CS 40				2.447	(13+)	40

130CS 41				2.614	(14+)	41
130CS 42				2.797	(14+)	42
130CS 43				2.898		43
130CS 44				3.082	(15+)	44
130CS 45				3.250	(15+)	45
130CS 46				3.547	(16+)	46
130CS 47				4.041	(17+)	47

S-p = 5.493 (0.008)-----
S-n = 7.472 (0.010)-----
S-2p = 13.740 (0.009)-----
S-2n = 17.111 (0.010)-----
S-alpha= 1.414 (0.009)-----

S+p = -7.068 (0.008)
S+n = -9.227 (0.008)
S+2p = -11.402 (0.037)
S+2n = -16.396 (0.008)
S+alpha = -0.744 (0.022)

gap p = -1.575 (0.012)
gap n = -1.755 (0.013)
gap 2p = 2.338 (0.038)
gap 2n = 0.715 (0.013)
gap alpha = 0.671 (0.023)