

^{141}Cs $Z = 55$ $N = 86$ adopted link ENSDF link

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

BE = 1169.504 (0.009) MeV

Qbeta- = 5.255 (0.011) MeV

	Energy T	J+	J-	J-other	T1/2

141CS	1	0.000	7/2+		1 24.84 S 16
141CS	2			0.069 (3/2)+	2 23.3 NS 7
141CS	3	0.106	5/2+		3 8.7 NS 2
141CS	4			0.117	4
141CS	5			0.188 +	5 1.9 NS LT
141CS	6			0.207	6 2.1 NS LT
141CS	7	0.370	11/2+		7
141CS	8	0.389	9/2+		8
141CS	9			0.468 +	9
141CS	10			0.493	10

S-alpha=	0.546 (0.012)-----				
141CS	11			0.557 +	11
141CS	12			0.644 +	12
141CS	13			0.669	13
141CS	14			0.801	14
141CS	15			0.843	15
141CS	16	0.851	15/2+		16
141CS	17	0.862	13/2+		17
141CS	18			0.975	18
141CS	19			0.980	19
141CS	20			1.097 7/2(-),5/2(-)	20

141CS	21			1.121	21
141CS	22			1.134	22
141CS	23			1.196	23
141CS	24			1.339	24
141CS	25	1.483	19/2+		25
141CS	26	1.489	17/2+		26
141CS	27			1.550 (15/2-)	27
141CS	28			1.557 5/2(-),7/2(-)	28
141CS	29			1.577	29
141CS	30			1.632 (17/2-)	30

141CS	31			1.661 (17/2)	31
141CS	32			1.941 (19/2-)	32
141CS	33			2.001 (19/2)	33
141CS	34			2.087 21/2(-)	34
141CS	35	2.114	21/2+		35
141CS	36	2.131	23/2+		36

141CS 37				2.285	(23/2+)	37
141CS 38				2.466	(23/2-)	38
141CS 39				2.649	(23/2)	39
141CS 40				2.675	25/2(-)	40

141CS 41				2.785	(25/2+)	41
141CS 42				2.789	(27/2+)	42
141CS 43				2.995	(27/2-)	43
141CS 44				3.057	(27/2+)	44
141CS 45				3.333	(27/2)	45
141CS 46				3.345	29/2(-)	46
141CS 47				3.502	(31/2+)	47
141CS 48				3.504	(29/2+)	48
141CS 49				3.603	(31/2-)	49
141CS 50				4.273	(35/2-)	50

141CS 51				4.346	(35/2+)	51

S-p	=	8.780	(0.009)	-----		
S-n	=	5.499	(0.012)	-----		
S-2p	=	20.584	(0.010)	-----		
S-2n	=	9.919	(0.010)	-----		
S-alpha	=	0.546	(0.012)	-----		
S+p	=	-10.654	(0.011)			
S+n	=	-4.109	(0.012)			
S+2p	=	-18.272	(0.012)			
S+2n	=	-9.341	(0.012)			
S+alpha	=	-0.783	(0.015)			
gap p	=	-1.874	(0.014)			
gap n	=	1.391	(0.017)			
gap 2p	=	2.312	(0.015)			
gap 2n	=	0.578	(0.015)			
gap alpha	=	-0.237	(0.020)			