

^{150}Ce $Z = 58$ $N = 92$ adopted link ENSDF link

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

BE = 1230.168 (0.012) MeV

Qbeta- = 3.454 (0.015) MeV

	Energy T	J+	J-	J-other	T1/2
150CE 1	0.000	0+			1 4.0 S 6
150CE 2	0.097	2+			2 3.3 NS 8
150CE 3	0.306	4+			3 0.26 NS 10
150CE 4	0.606	6+			4
150CE 5	0.983	8+			5
150CE 6			1.386	7-	6
150CE 7	1.423	10+			7
150CE 8				1.497	8
150CE 9				1.619	9
150CE 10				1.704 (6-)	10
150CE 11			1.733	9-	11
150CE 12				1.760	12
150CE 13				1.784	13
150CE 14				1.792 (7)	14
150CE 15	1.918	12+			15
150CE 16				1.976 (8-)	16
150CE 17				2.026 (8)	17
150CE 18				2.058 (9)	18
150CE 19			2.154	11-	19
150CE 20				2.279 (10-)	20
150CE 21				2.336	21
150CE 22				2.368 (10)	22
150CE 23				2.386 (11)	23
S-alpha=	2.406 (0.012)				
150CE 24	2.465	14+			24
150CE 25				2.639 (13-)	25
150CE 26				2.651 (12-)	26
150CE 27				2.725 (11)	27
150CE 28				2.769 (12)	28
150CE 29				2.783 (13)	29
150CE 30	3.058	16+			30
150CE 31				3.092 (14-)	31
150CE 32				3.167 (13)	32
150CE 33				3.178 (15-)	33
150CE 34	3.694	18+			34
150CE 35				3.744 (17-)	35
150CE 36	4.367	20+			36

S-p	=	11.916	(	0.201)	-----
S-n	=	6.248	(	0.016)	-----
S-2p	=	21.880	(	0.012)	-----
S-2n	=	10.591	(	0.016)	-----
S-alpha	=	2.406	(	0.012)	-----
S+p	=	-9.222	(	0.017)	
S+n	=	-4.450	(	0.021)	
S+2p	=	-19.881	(	0.027)	
S+2n	=	-10.304	(	0.152)	
S+alpha	=	-3.158	(	0.012)	
gap p	=	2.694	(	0.201)	
gap n	=	1.799	(	0.026)	
gap 2p	=	1.999	(	0.030)	
gap 2n	=	0.287	(	0.153)	
gap alpha	=	-0.752	(	0.017)	