^{124}Ce $Z = 58$ $N = 66$ link to full NNDC output

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 0.000 (0.000) MeV

	Energy	T	J+		J-		J-other		T1/2	
124CE 1	0.000		0+					1	6 S	2
124CE 2	0.142		2+					2	0.88 NS	19
124CE 3	0.448		4+					3	19 PS	6
124CE 4	0.892		6+					4		
124CE 5	1.451		8+					5		
124CE 6					1.850	(7-)		6		
124CE 7	2.101		10+					7		
124CE 8					2.128	(9-)		8		
124CE 9					2.184	(8+)		9		
124CE 10					2.510	(11-)		10		
124CE 11					2.601	(10+)		11		
124CE 12	2.818		12+					12		
124CE 13					2.984	(13-)		13		
124CE 14					3.072	(12+)		14		
124CE 15					3.544	(15-)		15		
124CE 16	3.545		14+					16		
124CE 17					3.593	(14+)		17		
124CE 18					4.183	(16+)		18		
124CE 19					4.189	(17-)		19		
124CE 20	4.239		16+					20		
124CE 21					4.846	(18+)		21		
124CE 22					4.917	(19-)		22		
124CE 23	4.998		18+					23		
124CE 24					5.584	(20+)		24		
124CE 25					5.724	(21-)		25		
124CE 26	5.848		20+					26		
124CE 27					6.403	(22+)		27		
124CE 28					6.611	(23-)		28		
124CE 29					6.788	(22+)		29		
124CE 30					7.305	(24+)		30		
124CE 31					7.578	(25-)		31		
124CE 32					7.818	(24+)		32		
124CE 33					8.285	(26+)		33		
124CE 34					8.621	(27-)		34		
124CE 35					8.947	(26+)		35		
124CE 36					9.335	(28+)		36		
124CE 37					9.734	(29-)		37		
124CE 38					10.177	(28+)		38		

124CE 39			10.484	(30+)	39
124CE 40			10.922	(31-)	40
124CE 41			11.502	(30+)	41
124CE 42			11.735	(32+)	42