^{134}Ce $Z = 58$ $N = 76$ adopted link ENSDF link

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

BE = 1121.013 (0.020) MeV
Qbeta+ = 0.386 (0.029) MeV

	Energy	T	J+	J-	J-other		T1/2	
134CE 1	0.000		0+			1	3.16 D	4
S-alpha= 0.001 (0.020)								
134CE 2	0.409		2+			2	23 PS	2
134CE 3	0.966		2+			3		
134CE 4	1.049		4+			4	3.3 PS	6
134CE 5	1.383		3+			5		
134CE 6				1.533	(0+)	6		
134CE 7				1.572		7		
134CE 8	1.643		4+			8		
134CE 9				1.775		9		
134CE 10				1.812	(4)+	10		
134CE 11	1.863		6+			11	2.8 PS	9
134CE 12				1.904	1,2,3	12		
134CE 13				1.964	(2+)	13		
134CE 14				1.989	1,2,3	14		
134CE 15				2.027	(4)+	15		
134CE 16	2.050		5+			16		
134CE 17				2.159		17		
134CE 18				2.170	(5)	18		
134CE 19				2.174	(5)-	19		
134CE 20				2.206		20		
134CE 21				2.247	(5)	21		
134CE 22				2.261		22		
134CE 23				2.272		23		
134CE 24	2.304		6+			24		
134CE 25				2.314	1,2,3	25		
134CE 26				2.339		26		
134CE 27				2.359	(6-)	27		
134CE 28				2.361	6(+)	28		
134CE 29				2.373		29		
134CE 30				2.474	(6)-	30		
134CE 31				2.545	(3)	31		
134CE 32				2.566	(7)-	32		
134CE 33				2.655		33		
134CE 34				2.707	(7)-	34		
134CE 35				2.768	(7+)	35		
134CE 36				2.773		36		

134CE	37	2.811	8+				37	0.7 PS	LT
134CE	38				2.821	(7)	38		
134CE	39				2.840		39		
134CE	40				2.896	(8)-	40		
134CE	41				2.948		41		
134CE	42				2.970	(8-)	42		
134CE	43	3.018	8+				43		
134CE	44				3.032		44		
134CE	45				3.069		45		
134CE	46				3.073	(9)	46		
134CE	47				3.141		47		
134CE	48				3.158	(9)-	48		
134CE	49				3.199		49		
134CE	50	3.209	10+				50	308 NS	5
134CE	51				3.261		51		
134CE	52				3.289		52		
134CE	53				3.299		53		
134CE	54				3.306		54		
134CE	55				3.317		55		
134CE	56				3.405	(10)-	56		
134CE	57				3.467		57		
134CE	58				3.592		58		
134CE	59				3.593		59		
134CE	60				3.601	(9-)	60		
134CE	61				3.658		61		
134CE	62				3.663		62		
134CE	63	3.719	10+				63	5.8 PS	10
134CE	64				3.751	(11)-	64		
134CE	65				3.818	(10+)	65		
134CE	66				3.866		66		
134CE	67				3.895		67		
134CE	68	4.007	12+				68		
134CE	69				4.023	(9-)	69		
134CE	70				4.109		70		
134CE	71				4.142	(12)-	71		
134CE	72	4.184	12+				72	11.0 PS	13
134CE	73				4.188	(10)-	73		
134CE	74				4.384	(11)-	74		
134CE	75				4.540	(13)-	75		
134CE	76				4.623	(12)-	76		
134CE	77	4.763	14+				77		
134CE	78				4.898	(13)-	78		
134CE	79	4.908	14+				79	1.2 PS	4
134CE	80				5.018	(14)-	80		
134CE	81				5.230	(14)-	81		

```
134CE  82 |                |                |   5.493     (15)-          82
134CE  83 |                |                |   5.495     (15)-          83
134CE  84 |                |                |   5.592     (14)-          84
134CE  85 |                |                |   5.629     (15)-          85
134CE  86 |  5.726     16+ |                |                            86  1.5 PS    5
134CE  87 |                |                |   5.746     (15)-          87
134CE  88 |                |                |   5.866     (16+)          88
134CE  89 |                |                |   5.965     (16)-          89
134CE  90 |                |                |   6.024     (16)-          90
----------                                                               ----------
134CE  91 |                |                |   6.049     (16)-          91  0.56 PS   8
134CE  92 |                |                |   6.306     (17)-          92  0.59 PS   5
134CE  93 |                |                |   6.524     (17)-          93  0.64 PS   LT
134CE  94 |                |                |   6.598     (18+)          94
S-p    =   6.627 ( 0.035)-------------------------------------------------------------------------
134CE  95 |                |                |   6.763     (18)-          95  0.236 PS  21
134CE  96 |                |                |   7.045     (18-)          96
134CE  97 |                |                |   7.068     (18)-          97
134CE  98 |                |                |   7.283     (19)-          98  0.194 PS  21
134CE  99 |                |                |   7.583     (20+)          99
134CE 100 |                |                |   7.831     (20)-         100  0.22 PS   LT
----------                                                               ----------
134CE 101 |                |                |   8.585     (22+)         101
134CE 102 |                |                |   9.538     (24+)         102


S-p    =   6.627 ( 0.035)-------------------------------------------------------------------------
S-n    =  10.486 ( 0.026)-------------------------------------------------------------------------
S-2p   =  10.976 ( 0.020)-------------------------------------------------------------------------
S-2n   =  18.507 ( 0.029)-------------------------------------------------------------------------
S-alpha=   0.001 ( 0.020)-------------------------------------------------------------------------

S+p       =  -3.392 ( 0.024)
S+n       =  -7.855 ( 0.023)
S+2p      =  -8.944 ( 0.024)
S+2n      = -17.818 ( 0.020)
S+alpha   =   0.391 ( 0.023)

gap p     =   3.235 ( 0.042)
gap n     =   2.631 ( 0.035)
gap 2p    =   2.032 ( 0.031)
gap 2n    =   0.689 ( 0.035)
gap alpha =   0.392 ( 0.031)
```