Erratum: Observation of new levels and proposed octupole correlations in neutron-rich ^{150}Ce [Phys. Rev. C 85, 014330 (2012)]

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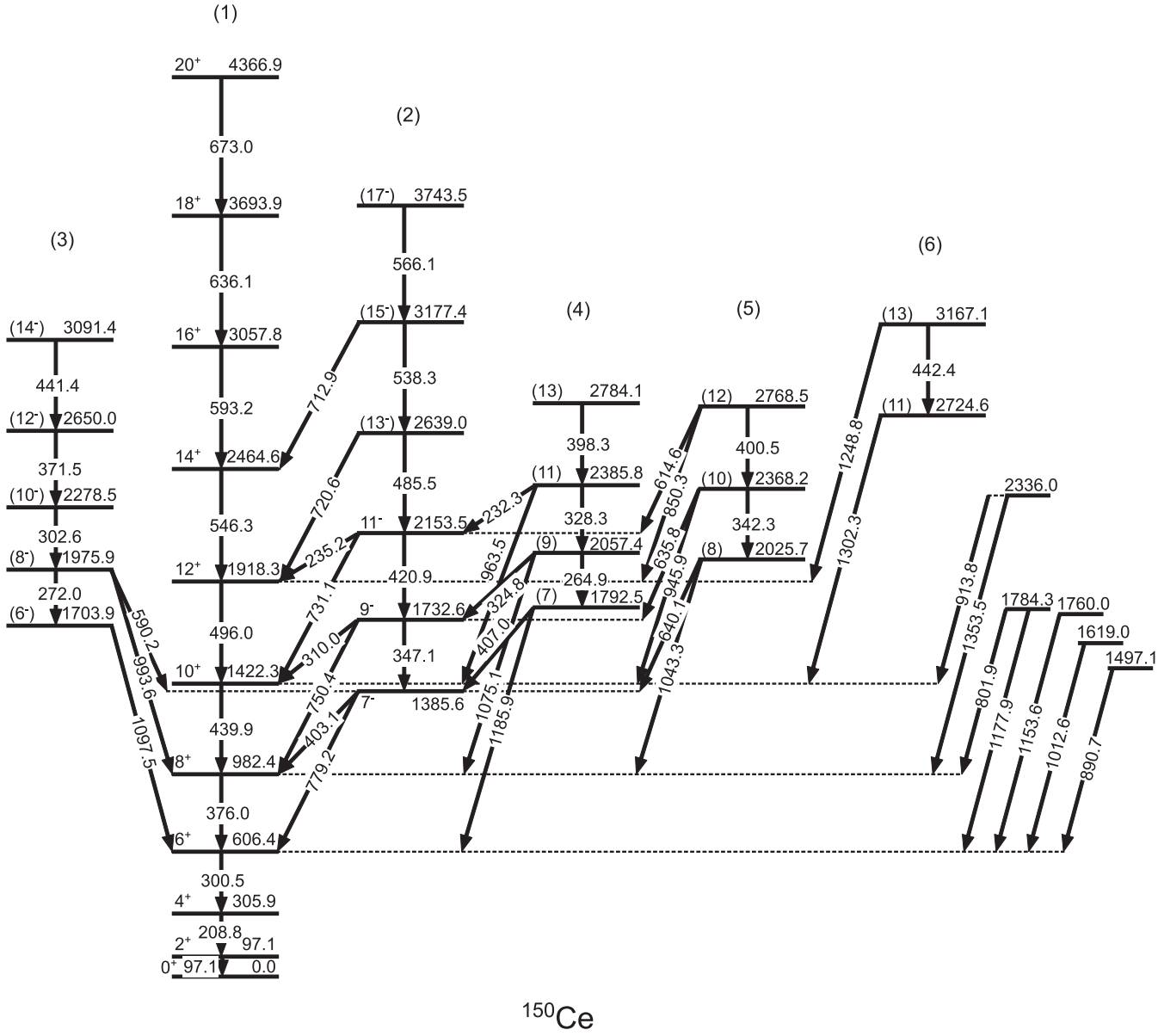
We report several corrections to the original paper.

In our original publication, in which we presented the level scheme of ^{150}Ce, we determined level energies based on certain transitions and subsequently adjusted the raw data for other transitions to fit these energies. This is not correct scientific procedure as it alters original data, and it risks introducing incorrect transition and level energies into the literature. The main purpose of this Erratum is to provide the original data.

In this Erratum, the new level scheme of ^{150}Ce is illustrated in Fig. 1, accompanied by the new transition energies listed in Table I. An energy recalibration was applied, resulting in numerical adjustments. Everywhere in the text where our original paper specified transition or level energies, these should be replaced by the corresponding new ones in Table I of the present Erratum.

The authors thank the data scientists at the National Nuclear Data Center at BNL for calling our attention to these energy corrections.



^{150}Ce

FIG. 1. Level scheme of ^{150}Ce. Energies are given in keV.

TABLE I. List of the γ-ray transition energies in keV in ^{150}Ce. The old energy values from the original paper are also listed for comparison.

E_γ (keV)		E_i (keV)	
Original	Corrected	Original	Corrected
97.4	**97.1**	97.4	**97.1**
209.1	**208.8**	306.5	**305.9**
232.5	**232.3**	2386.9	**2385.8**
235.1	**235.2**	2154.4	**2153.5**
265.4	**264.9**	2058.5	**2057.4**
272.4	**272.0**	1977.1	**1975.9**
300.7	**300.5**	607.2	**606.4**
303.0	**302.6**	2280.1	**2278.5**
310.1	**310.0**	1733.5	**1732.6**
325.0	**324.8**	2058.5	**2057.4**
328.4	**328.3**	2386.9	**2385.8**
342.6	**342.3**	2369.3	**2368.2**
347.1	**347.1**	1733.5	**1732.6**
371.9	**371.5**	2652.0	**2650.0**
376.2	**376.0**	983.4	**982.4**
397.3	**398.3**	2784.2	**2784.1**
400.5	**400.5**	2769.8	**2768.5**
403.0	**403.1**	1386.4	**1385.6**
406.7	**407.0**	1793.1	**1792.5**
420.9	**420.9**	2154.4	**2153.5**
440.0	**439.9**	1423.4	**1422.3**
441.3	**441.4**	3093.3	**3091.4**
442.6	**442.4**	3168.2	**3167.1**
485.5	**485.5**	2639.9	**2639.0**
495.9	**496.0**	1919.3	**1918.3**
538.6	**538.3**	3178.5	**3177.4**
546.5	**546.3**	2465.8	**2464.6**
566.6	**566.1**	3745.1	**3743.5**
590.7	**590.2**	1977.1	**1975.9**
593.2	**593.2**	3059.0	**3057.8**
615.4	**614.6**	2769.8	**2768.5**
635.8	**635.8**	2369.3	**2368.2**
636.0	**636.1**	3695.0	**3693.9**
640.3	**640.1**	2026.7	**2025.7**
673.1	**673.0**	4368.1	**4366.9**
712.7	**712.9**	3178.5	**3177.4**
720.6	**720.6**	2639.9	**2639.0**
731.0	**731.1**	2154.4	**2153.5**
750.1	**750.4**	1733.5	**1732.6**
779.2	**779.2**	1386.4	**1385.6**
801.8	**801.9**	1785.2	**1784.3**
850.5	**850.3**	2769.8	**2768.5**
890.8	**890.7**	1498.0	**1497.1**
913.2	**913.8**	2336.6	**2336.0**
945.9	**945.9**	2369.3	**2368.2**
963.5	**963.5**	2386.9	**2385.8**
993.7	**993.6**	1977.1	**1975.9**
1012.4	**1012.6**	1619.6	**1619.0**
1043.3	**1043.3**	2026.7	**2025.7**
1075.1	**1075.1**	2058.5	**2057.4**
1097.5	**1097.5**	1704.7	**1703.9**
1153.7	**1153.6**	1760.9	**1760.0**
1178.0	**1177.9**	1785.2	**1784.3**
1185.9	**1185.9**	1793.1	**1792.5**
1248.9	**1248.8**	3168.2	**3167.1**
1302.2	**1302.3**	2725.6	**2724.6**
1353.2	**1353.5**	2336.6	**2336.0**