Erratum: Identification of a quasiparticle band in very neutron-rich ^{104}Zr [Phys. Rev. C 82, 027302 (2010)]

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We report several corrections to the original paper.

In our original publication we published the level scheme of ^{104}Zr and we determined level energies based on certain transitions and subsequently adjusted the raw data for other transitions to fit those 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.

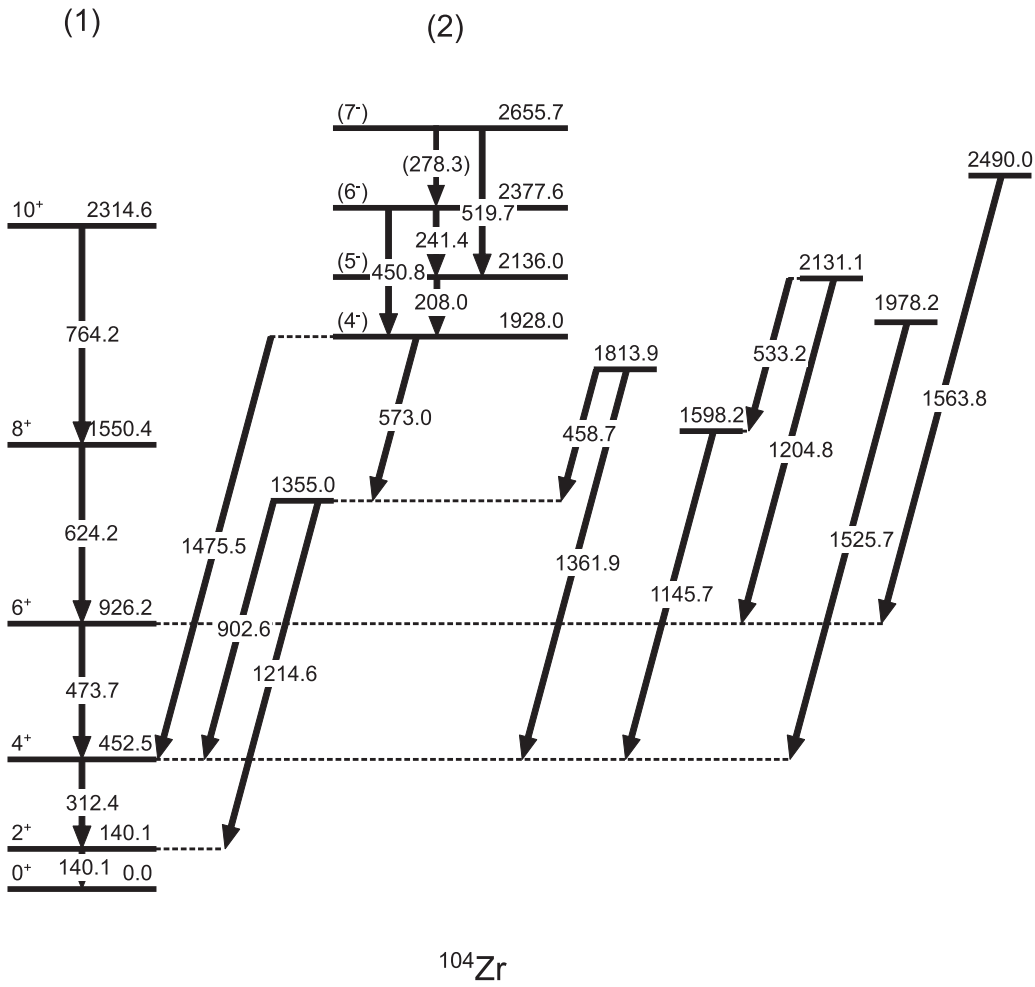


FIG. 1. Level scheme of ^{104}Zr. Energies are given in keV.

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TABLE I. List of the γ-ray transition energies in keV in ^{104}Zr. The old energy values from the original paper are also listed for comparison. Tentative transition is listed with parentheses.

E_γ(keV)		E_i (keV)	
Original	New	Original	New
140.5	140.1	140.5	140.1
209.2	208.0	2137.9	2136.0
241.7	241.4	2379.6	2377.6
(277.5)	(278.3)	2657.1	2655.7
312.5	312.4	453.1	452.5
450.9	450.8	2379.6	2377.6
459.2	458.7	1814.9	1813.9
473.8	473.7	926.9	926.2
519.2	519.7	2657.1	2655.7
532.8	533.2	2131.7	2131.1
573.0	573.0	1928.7	1928.0
624.1	624.2	1551.0	1550.4
764.3	764.2	2315.3	2314.6
902.6	902.6	1355.7	1355.0
1145.8	1145.7	1598.9	1598.2
1204.8	1204.8	2131.7	2131.1
1215.2	1214.6	1355.7	1355.0
1361.8	1361.9	1814.9	1813.9
1475.6	1475.5	1928.7	1928.0
1525.7	1525.7	1978.8	1978.2
1563.9	1563.8	2490.8	2490.0

In this Erratum, the new level scheme of ^{104}Zr is shown in the corrected Fig. 1, accompanied by their 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.

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