


Erratum: High spin states in ^{95}Sr [Phys. Rev. C **69, 067302 (2004)]**

J. K. Hwang, E. H. Wang , A. V. Ramayya, J. H. Hamilton, Y. X. Luo, J. O. Rasmussen, C. J. Beyer, P. M. Gore, S. C. Wu, I. Y. Lee, C. M. Folden, P. Fallon, P. Zielinski, K. E. Gregorich, M. A. Stoyer, T. N. Ginter, S. J. Zhu, J. D. Cole, and R. Donangelo



(Received 27 October 2022; published 29 November 2022)

DOI: [10.1103/PhysRevC.106.059901](https://doi.org/10.1103/PhysRevC.106.059901)

We report several corrections to the numerical data in the original paper on ^{95}Sr .

In our original publication of level schemes in Fig. 3, we defined level energies based on certain transitions and then adjusted the raw data for other transitions to fit those energies. This is not a correct scientific procedure as it alters original data to match preconceived beliefs, and it has the danger of introducing incorrect transition and level energies into the literature. The main purpose of this Erratum is to provide the original data.

Everywhere in the text where our original paper specified transition or level energies, these should now be replaced by the corresponding ones in Table I. The new level scheme of ^{95}Sr is shown in Fig. 1.

In Fig. 4 of the original paper, the ^{95}Sr levels were compared with levels in $^{93,94}\text{Sr}$. There were ambiguous assignments of the $21/2^+$ and $25/2^+$ levels in ^{93}Sr [1], 8^+ , and 10^+ levels in ^{94}Sr [2]. In this Erratum, we did not redraw this figure, and more work is needed to identify these levels. New analysis of these Sr isotopes will be published in a different paper.

TABLE I. List of the γ -ray transition energies in keV in ^{95}Sr . The old energy values from Fig. 3 of the original paper are also listed for comparison.

E_γ		E_i	
Original	New	Original	New
204.0	203.9	556.1	555.8
352.0	351.9	352.0	351.9
427.1	427.4	1665.6	1666.0
441.6	441.6	1680.1	1680.1
524.8	524.4	2869.0	2869.2
551.8	552.4	3420.8	3421.6
664.1	664.6	2344.2	2344.7
674.2	674.4	4095.0	4096.0
678.6	678.7	2344.2	2344.7
682.4	682.7	1238.5	1238.5
706.5	706.3	3050.7	3051.0
744.2	744.6	2424.3	2424.8
754.4	754.4	6175.8	6175.6
758.7	758.8	2424.3	2424.8
784.6	784.3	4879.6	4880.3
826.6	826.3	3695.6	3695.5
829.5	829.3	4525.1	4524.8
896.3	896.4	5421.4	5421.2
996.5	996.8	3420.8	3421.6
1076.6	1077.0	3420.8	3421.6
1109.5	1110.2	1665.6	1666.0
1124.0	1124.3	1680.1	1680.1
1203.4	1203.2	2869.0	2869.2

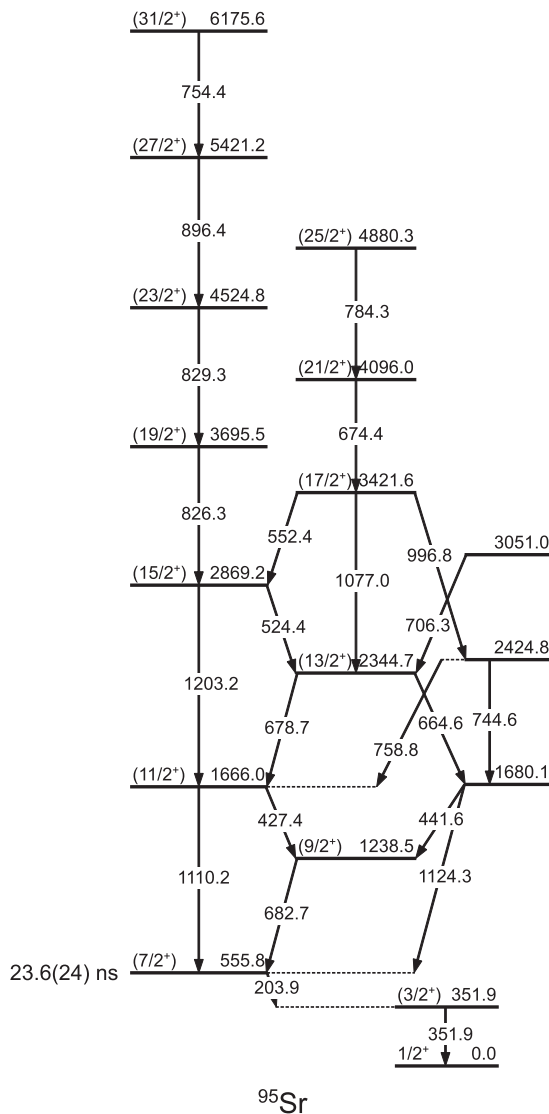


FIG. 1. Level scheme showing levels and transitions in ^{95}Sr .

We thank the Physical Review C editors and the data scientists at the National Nuclear Data Center at BNL for calling our attention to these corrections.

[1] J. K. Hwang, E. H. Wang, A. V. Ramayya, J. H. Hamilton, Y. X. Luo, J. O. Rasmussen, C. J. Beyer, P. M. Gore, S. C. Wu, I. Y. Lee, C. M. Folden, P. Zielinski, K. E. Gregorich, A. O. Macchiavelli, M. A. Stoyer, S. J. Asztalos, T. N. Ginter, R. Donangelo, L. Coraggio, A. Covello, A. Gargano, and N. Itaco, *Phys. Rev. C* **106**, 049903(E) (2022); Erratum for J. K. Hwang,

A. V. Ramayya, J. H. Hamilton, Y. X. Luo, J. O. Rasmussen, C. J. Beyer, P. M. Gore, S. C. Wu, I. Y. Lee, C. M. Folden, P. Fallon, P. Zielinski, K. E. Gregorich, A. O. Macchiavelli, M. A. Stoyer, S. J. Asztalos, T. N. Ginter, R. Donangelo, L. Coraggio, A. Covello, A. Gargano, and N. Itaco, *ibid.* **67**, 014317 (2003).

[2] W. Urban *et al.*, *Phys. Rev. C* **104**, 064309 (2021).