









Corrigendum: Development of cesium laser resonance ionization schemes for PLASEN experiment (Chin. Phys. C 49(12): 124002 (2025))*

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Errors were introduced during the typesetting process by the Editorial Office. We sincerely apologize to the authors and our readers for this oversight. The corrections are as follows:

1. Author ORCIDs: The following ORCIDs have been added to the author list:

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2. Abstract: The phrase "to access" has been corrected to "by accessing".

3. Page 2, Line 3 in left column: The sentence "The CLS system was expected to exhibit limited experimental efficiency" has been corrected to "The CLS system exhibited limited experimental efficiency as expected".

4. Page 3, Line 19 in left column: the \$ symbol should be removed.

5. Table 1: the header "kCounts (60 s)" has been corrected to "Counts ($\times 10^3/\text{min}$)".

6. Page 5: Figure 3 has been corrected to the given.

7. References :

[1] has been corrected to "Y. L. Ye, X. F. Yang, H. Sakurai *et al*".

[3] has been corrected to "R. F. Garcia Ruiz, M. L. Bissell, K. Blaum *et al*".

[5] has been corrected to "J. Kartheim, C. M. Ricketts, R. F. Garcia Ruiz *et al*".

[9] has been corrected to "S. M. Udrescu, A. J. Brinson, R. F. Garcia Ruiz *et al*".

[19] has been corrected to "T. Zhang, B. Q. Cui, Y. L. Lv *et al*".

[20] has been corrected to "S. W. Bai, X. F. Yang, S. J. Wang *et al*".

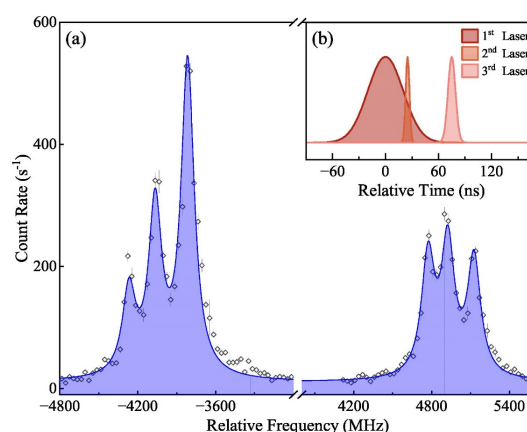


Fig. 3. (color online) (a) HFS spectrum of ^{133}Cs obtained with an efficiency of 1: 400 and a resolution of ~ 100 MHz (FWHM). (b) The optimized timing sequences of the three-step laser pulses. See text for further details.

[21] has been corrected to "S. J. Wang, X. F. Yang, S. W. Bai *et al*".

[23] has been corrected to "Y. S. Liu, H. R. Hu, X. F. Yang *et al*".

[24] has been corrected to "H. R. Hu, Y. F. Guo, X. F. Yang *et al*".

[28] has been corrected to "L. Croquette, *Commissioning of a Paul trap for Collinear Laser Spectroscopy of Exotic Radionuclides performed in a 30 keV MR-ToF device*".

[31] has been corrected to "A. Coc, C. Thibault, F. Touchard *et al*".

[32] has been corrected to "M. Reponen, V. Sonnenschein, T. Sonoda *et al*".

[34] has been corrected to "W. Gins, B. van den Borne, R. P. de Groote *et al*".

[35] has been corrected to "X. H. Zhou and J. C. Yang (the HIAF project team)".

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