Erratum and Addendum: Improvement of nuclear semi-empirical mass formula by including shell effect (Chin. Phys. C, 49(11): 114103 (2025))*

Qing Wu (武庆)[1] Wei-Feng Li (李伟峰)[1] Zhong-Ming Niu (牛中明)[1†]
Hao-Zhao Liang (梁豪兆)[2,3] Min Shi (仕敏)[4]

[1]School of Physics and Optoelectronic Engineering, Anhui University, Hefei 230601, China
[2]Department of Physics, Graduate School of Science, The University of Tokyo, Tokyo 113-0033, Japan
[3]Quark Nuclear Science Institute, The University of Tokyo, Tokyo 113-0033, Japan
[4]School of Mathematics and Physics, Anhui Jianzhu University, Hefei 230601, China

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This paper was published online on 28 June 2025, and there is a numerical error in Fig. 1 of the published version. This correction only resulted in minor changes to the last decimal places of the root mean square (rms) deviation of the BWK formula, and through rigorous verification, such discrepancies will not have any impact on the key conclusions of the paper. The Fig. 1 in the published version is corrected as Fig. 1 in this erratum.

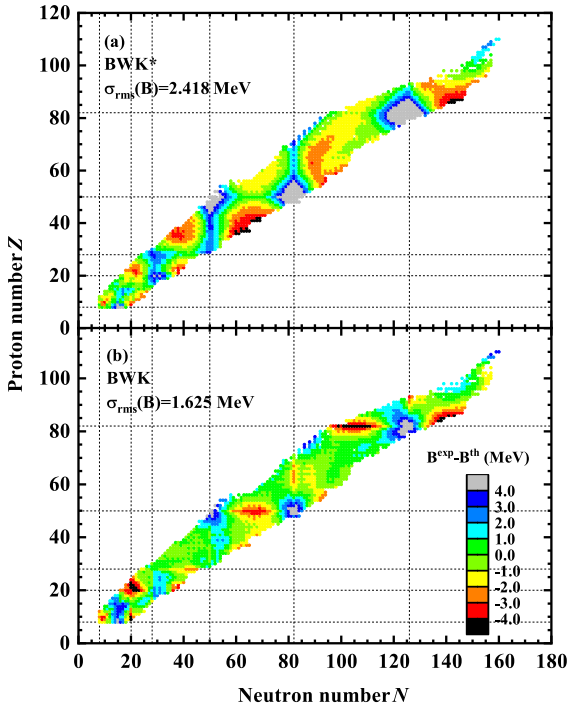

Fig. 1. Differences between the experimental binding energies and predictions calculated using the BWK* and BWK formulas, respectively. The dashed lines denote the traditional magic numbers.

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† E-mail: zmniu@ahu.edu.cn