

Erratum: Extracting model-independent nuclear level densities away from stability **[Phys. Rev. C 107, L011602 (2023)]**

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In the published version of this article, the horizontal axis of Fig. 3 (bottom) of the original publication was accidentally offset by 1 MeV. The corrected figure is shown below. This error does not affect the results or conclusions of the paper.

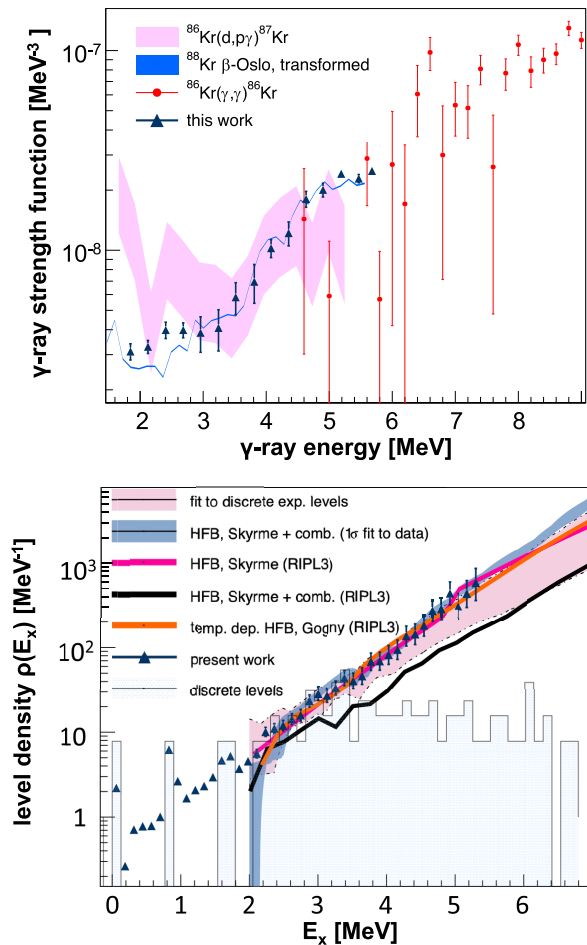


FIG. 3. Top: γ SF for ^{88}Kr determined in this work using the shape method (blue triangles). Also shown is the γ SF using the β -Oslo technique (blue thin band, statistical uncertainties, only), transformed via Eq. (3) of the original publication to best match the blue triangles. Our results are scaled to the literature data to guide the eye and allow a comparison of the general trend to data for ^{86}Kr [45] (red circles) and to data for ^{87}Kr (pink band) [27]. Bottom: Measured absolute partial level density for ^{88}Kr (blue triangles) for the spins populated after β decay from ^{88}Br . The blue band is a 1σ uncertainty range (see Sec. V of the original publication for details). Recommended values from RIPL3 [11,46] are shown as a black line, whereas two additional semimicroscopic models [10,12] are shown in purple and orange solid lines, respectively (see text of the original publication for details). The pink band shows model predictions [11], constrained via the known discrete levels, only.

- [10] S. Goriely, F. Tondeur, and J. Pearson, A Hartree–Fock nuclear mass table, [At. Data Nucl. Data Tables](#) **77**, 311 (2001).
- [11] S. Goriely, S. Hilaire, and A. J. Koning, Improved microscopic nuclear level densities within the Hartree-Fock-Bogoliubov plus combinatorial method, [Phys. Rev. C](#) **78**, 064307 (2008).
- [12] S. Hilaire, M. Girod, S. Goriely, and A. J. Koning, Temperature-dependent combinatorial level densities with the D1M Gogny force, [Phys. Rev. C](#) **86**, 064317 (2012).
- [27] V. W. Ingeberg, S. Siem, M. Wiedeking, K. Sieja, D. L. Bleuel, C. P. Brits, T. D. Bucher, T. S. Dinoko, J. L. Easton, A. Görgen, M. Guttormsen, P. Jones, B. V. Kheswa, N. A. Khumalo, A. C. Larsen, E. A. Lawrie, J. J. Lawrie, S. N. T. Majola, K. L. Malatji, L. Makhathini, *et al.*, First application of the Oslo method in inverse kinematics, [Eur. Phys. J. A](#) **56**, 68 (2020).
- [45] R. Schwengner, R. Massarczyk, G. Rusev, N. Tsoneva, D. Bemmerer, R. Beyer, R. Hannaske, A. R. Junghans, J. H. Kelley, E. Kwan, H. Lenske, M. Marta, R. Raut, K. D. Schilling, A. Tonchev, W. Tornow, and A. Wagner, Pygmy dipole strength in ^{86}Kr and systematics of $N = 50$ isotones, [Phys. Rev. C](#) **87**, 024306 (2013).
- [46] R. Capote, M. Herman, P. Obložinský, P. Young, S. Goriely, T. Belgia, A. Ignatyuk, A. Koning, S. Hilaire, V. Plujko, M. Avrigeanu, O. Bersillon, M. Chadwick, T. Fukahori, Z. Ge, Y. Han, S. Kailas, J. Kopecky, V. Maslov, G. Reffo, *et al.*, RIPL—Reference input parameter library for calculation of nuclear reactions and nuclear data evaluations, [Nucl. Data Sheets](#) **110**, 3107 (2009).