PHYSICAL REVIEW C™

For editorial and subscription correspondence, please see inside front cover
(ISSN: 2469-9985)

PERIODICALS
Postmaster send address changes to:

PHYSICAL REVIEW C
APS Subscription Services
P.O. Box 41
Annapolis Junction, MD 20701

THIRD SERIES, VOLUME 97, NUMBER 2 ***CONTENTS*** **FEBRUARY 2018**

RAPID COMMUNICATIONS

Nuclear Structure

Generalized isobaric multiplet mass equation and its application to the Nolen-Schiffer anomaly *(6 pages)* . . . . . 021301(R)
J. M. Dong, Y. H. Zhang, W. Zuo, J. Z. Gu, L. J. Wang, and Y. Sun

Spectroscopic criteria for identification of nuclear tetrahedral and octahedral symmetries: Illustration on a rare earth nucleus *(6 pages)* . . . . . 021302(R)
J. Dudek, D. Curien, I. Dedes, K. Mazurek, S. Tagami, Y. R. Shimizu, and T. Bhattacharjee

Doubly magic nuclei from lattice QCD forces at $M_{\rm PS} = 469$ MeV/ c^2 *(7 pages)* . . . . . 021303(R)
C. McIlroy, C. Barbieri, T. Inoue, T. Doi, and T. Hatsuda

"Container" evolution for cluster structures in ^{16}O *(6 pages)* . . . . . 021304(R)
Y. Funaki

Nuclear Reactions

Interplay of charge clustering and weak binding in reactions of ^{8}Li *(5 pages)* . . . . . 021601(R)
K. J. Cook, I. P. Carter, E. C. Simpson, M. Dasgupta, D. J. Hinde, L. T. Bezzina, Sunil Kalkal, C. Sengupta, C. Simenel, B. M. A. Swinton-Bland, K. Vo-Phuoc, and E. Williams

Capture cross sections for the synthesis of new heavy nuclei using radioactive beams *(5 pages)* . . . . . 021602(R)
A. Wakhle, K. Hammerton, Z. Kohley, D. J. Morrissey, K. Stiefel, J. Yurkon, J. Walshe, K. J. Cook, M. Dasgupta, D. J. Hinde, D. J. Jeung, E. Prasad, D. C. Rafferty, C. Simenel, E. C. Simpson, K. Vo-Phuoc, J. King, W. Loveland, and R. Yanez

Relativistic Nuclear Collisions

High baryon and energy densities achievable in heavy-ion collisions at $\sqrt{s_{NN}} = 39$ GeV *(4 pages)* . . . . . 021901(R)
Yu. B. Ivanov and A. A. Soldatov

Electroweak Interaction, Symmetries

Quantum Monte Carlo calculations of weak transitions in $A = 6$–10 nuclei *(5 pages)* . . . . . 022501(R)
S. Pastore, A. Baroni, J. Carlson, S. Gandolfi, Steven C. Pieper, R. Schiavilla, and R. B. Wiringa

Quantum Monte Carlo calculation of neutral-current ν-^{12}C inclusive quasielastic scattering *(5 pages)* . . . . . 022502(R)
A. Lovato, S. Gandolfi, J. Carlson, Ewing Lusk, Steven C. Pieper, and R. Schiavilla

Copyright 2018 by American Physical Society

2469-9985(201802)97:2;1-H

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C THIRD SERIES, VOLUME 97, NUMBER 2 FEBRUARY 2018

ARTICLES

Nucleon-Nucleon Interaction, Few-Body Systems

Two-nucleon $^1S_0$ amplitude zero in chiral effective field theory *(15 pages)* 024001
M. Sánchez Sánchez, C.-J. Yang, Bingwei Long (龙炳蔚), and U. van Kolck

Inclusive $\pi^+ d \to p(\eta p)$ process and the ηN scattering length *(4 pages)* 024002
Humberto Garcilazo

Nuclear Structure

Prompt and delayed spectroscopy of ^{203}At: Observation of a shears band and a $29/2^+$ isomeric state *(13 pages)* . . 024301
K. Auranen, J. Uusitalo, S. Juutinen, H. Badran, F. Defranchi Bisso, D. Cox, T. Grahn, P. T. Greenlees, A. Herzáň, U. Jakobsson, R. Julin, J. Konki, M. Leino, A. Lightfoot, M. J. Mallaburn, O. Neuvonen, J. Pakarinen, P. Papadakis, J. Partanen, P. Rahkila, M. Sandzelius, J. Sarén, C. Scholey, J. Sorri, S. Stolze, and Y. K. Wang

Tilted-axis wobbling in odd-mass nuclei *(11 pages)* 024302
R. Budaca

Nucleon-pair approximation with particle-hole excitations *(15 pages)* 024303
Y. Y. Cheng, Y. M. Zhao, and A. Arima

Norm overlap between many-body states: Uncorrelated overlap between arbitrary Bogoliubov product states *(22 pages)* 024304
B. Bally and T. Duguet

Evolution of deformation in neutron-rich Ba isotopes up to $A = 150$ *(12 pages)* 024305
R. Lică *et al.* (IDS Collaboration)

In-beam spectroscopic study of ^{244}Cf *(8 pages)* 024306
J. Konki, B. Sulignano, P. T. Greenlees, Ch. Theisen, K. Auranen, H. Badran, R. Briselet, D. M. Cox, F. Defranchi Bisso, J. Dobaczewski, T. Grahn, A. Herzán, R.-D. Herzberg, R. Julin, S. Juutinen, J. Khuyagbaatar, M. Leino, A. Lightfoot, J. Pakarinen, P. Papadakis, J. Partanen, P. Rahkila, M. Sandzelius, J. Sarén, C. Scholey, Y. Shi, M. Smolen, J. Sorri, S. Stolze, and J. Uusitalo

Shadow poles in coupled-channel problems calculated with the Berggren basis *(10 pages)* 024307
R. M. Id Betan, A. T. Kruppa, and T. Vertse

Multiple band structures in ^{70}Ge *(13 pages)* 024308
R. A. Haring-Kaye, S. I. Morrow, J. Döring, S. L. Tabor, K. Q. Le, P. R. P. Allegro, P. C. Bender, R. M. Elder, N. H. Medina, J. R. B. Oliveira, and Vandana Tripathi

Laser-spectroscopy studies of the nuclear structure of neutron-rich radium *(9 pages)* 024309
K. M. Lynch, S. G. Wilkins, J. Billowes, C. L. Binnersley, M. L. Bissell, K. Chrysalidis, T. E. Cocolios, T. Day Goodacre, R. P. de Groote, G. J. Farooq-Smith, D. V. Fedorov, V. N. Fedosseev, K. T. Flanagan, S. Franchoo, R. F. Garcia Ruiz, W. Gins, R. Heinke, Á. Koszorús, B. A. Marsh, P. L. Molkanov, P. Naubereit, G. Neyens, C. M. Ricketts, S. Rothe, C. Seiffert, M. D. Seliverstov, H. H. Stroke, D. Studer, A. R. Vernon, K. D. A. Wendt, and X. F. Yang

Ab initio calculations of Gamow-Teller strengths in the *sd* shell *(18 pages)* 024310
Archana Saxena, Praveen C. Srivastava, and Toshio Suzuki

Quasifree (p, pN) scattering of light neutron-rich nuclei near $N = 14$ *(13 pages)* 024311
P. Díaz Fernández *et al.* (R^3B Collaboration)

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C **THIRD SERIES, VOLUME 97, NUMBER 2** **FEBRUARY 2018**

Mass measurements of neutron-rich indium isotopes toward the $N = 82$ shell closure *(7 pages)* 024312
C. Babcock, R. Klawitter, E. Leistenschneider, D. Lascar, B. R. Barquest, A. Finlay, M. Foster, A. T. Gallant, P. Hunt, B. Kootte, Y. Lan, S. F. Paul, M. L. Phan, M. P. Reiter, B. Schultz, D. Short, C. Andreoiu, M. Brodeur, I. Dillmann, G. Gwinner, A. A. Kwiatkowski, K. G. Leach, and J. Dilling

Shape coexistence and β decay of ^{70}Br within a beyond-mean-field approach *(6 pages)* 024313
A. Petrovici

One-proton emission from the $^{6}_{\Lambda}$Li hypernucleus *(9 pages)* 024314
Tomohiro Oishi

Shell model and Hartree-Fock calculations of longitudinal and transverse electroexcitation of positive and negative parity states in ^{17}O *(12 pages)* 024316
Ali A. Alzubadi, R. A. Radhi, and Noori S. Manie

Signatures of octupole correlations in neutron-rich odd-mass barium isotopes *(10 pages)* 024317
K. Nomura, T. Nikšić, and D. Vretenar

Rotational motion of triaxially deformed nuclei studied by the microscopic angular-momentum-projection method. I. Nuclear wobbling motion *(24 pages)* 024318
Mitsuhiro Shimada, Yudai Fujioka, Shingo Tagami, and Yoshifumi R. Shimizu

Rotational motion of triaxially deformed nuclei studied by the microscopic angular-momentum-projection method. II. Chiral doublet band *(14 pages)* 024319
Mitsuhiro Shimada, Yudai Fujioka, Shingo Tagami, and Yoshifumi R. Shimizu

Spin singlet and spin triplet pairing correlations on shape evolution in sd-shell $N = Z$ Nuclei *(11 pages)* 024320
Eunja Ha, Myung-Ki Cheoun, and H. Sagawa

Rotational bands in the quadrupole-octupole collective model *(11 pages)* 024321
A. Dobrowolski, K. Mazurek, and A. Góźdź

Surface properties of neutron-rich exotic nuclei within relativistic mean field formalisms *(12 pages)* 024322
M. Bhuyan, B. V. Carlson, S. K. Patra, and Shan-Gui Zhou

Absence of paired crossing in the positive parity bands of ^{124}Cs *(17 pages)* 024323
A. K. Singh, A. Basu, Somnath Nag, H. Hübel, J. Domscheit, I. Ragnarsson, A. Al-Khatib, G. B. Hagemann, B. Herskind, D. R. Elema, J. N. Wilson, R. M. Clark, M. Cromaz, P. Fallon, A. Görgen, I.-Y. Lee, D. Ward, and W. C. Ma

Radial overlap correction to superallowed $0^+ \to 0^+$ β decay reexamined *(12 pages)* 024324
L. Xayavong and N. A. Smirnova

Ab initio translationally invariant nonlocal one-body densities from no-core shell-model theory *(16 pages)* 024325
M. Burrows, Ch. Elster, G. Popa, K. D. Launey, A. Nogga, and P. Maris

Quadrupole collectivity in ^{42}Ca from low-energy Coulomb excitation with AGATA *(20 pages)* 024326
K. Hadyńska-Klęk *et al.*

Examination of the low-energy enhancement of the γ-ray strength function of ^{56}Fe *(6 pages)* 024327
M. D. Jones, A. O. Macchiavelli, M. Wiedeking, L. A. Bernstein, H. L. Crawford, C. M. Campbell, R. M. Clark, M. Cromaz, P. Fallon, I. Y. Lee, M. Salathe, A. Wiens, A. D. Ayangeakaa, D. L. Bleuel, S. Bottoni, M. P. Carpenter, H. M. Davids, J. Elson, A. Görgen, M. Guttormsen, R. V. F. Janssens, J. E. Kinnison, L. Kirsch, A. C. Larsen, T. Lauritsen, W. Reviol, D. G. Sarantites, S. Siem, A. V. Voinov, and S. Zhu

Resonances in ^{16}B *(4 pages)* 024328
H. T. Fortune

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C **THIRD SERIES, VOLUME 97, NUMBER 2** **FEBRUARY 2018**

From cluster structures to nuclear molecules: The role of nodal structure of the single-particle wave functions *(15 pages)* 024329
A. V. Afanasjev and H. Abusara

Excitation energy shift and size difference of low-energy levels in p-shell Λ hypernuclei *(16 pages)* 024330
Yoshiko Kanada-En'yo

Bubble nuclei within the self-consistent Hartree-Fock mean field plus pairing approach *(13 pages)* 024331
L. Tan Phuc, N. Quang Hung, and N. Dinh Dang

Δ isobars and nuclear saturation *(11 pages)* 024332
A. Ekström, G. Hagen, T. D. Morris, T. Papenbrock, and P. D. Schwartz

α decay of high-K isomers in ^{270}Ds and ^{266}Hs in a superfluid tunneling model *(6 pages)* 024333
R. M. Clark and D. Rudolph

Quadrupole and octupole collectivity and cluster structures in neon isotopes *(15 pages)* 024334
P. Marević, J.-P. Ebran, E. Khan, T. Nikšić, and D. Vretenar

Possible "umbrella"-like antimagnetic rotation mode in odd-A ^{101,103}Pd and even-even ^{102,104}Pd *(6 pages)* 024335
H. Jia (贾慧), B. Qi (亓斌), C. Liu (刘晨), Q. Hu (胡琪), and S. Y. Wang (王守宇)

Low-lying electromagnetic transition strengths in ^{180}Pt *(8 pages)* 024336
C. Müller-Gatermann, A. Dewald, C. Fransen, T. Braunroth, J. Jolie, J. Litzinger, J. M. Régis, F. von Spee, N. Warr, K. O. Zell, T. Grahn, P. T. Greenlees, K. Hauschild, U. Jakobsson, R. Julin, S. Juutinen, S. Ketelhut, P. Nieminen, M. Nyman, P. Peura, P. Rahkila, P. Ruotsalainen, M. Sandzelius, J. Sarén, C. Scholey, J. Sorri, S. Stolze, J. Uusitalo, and P. Petkov

Pair correlations in low-lying $T = 0$ states of odd-odd nuclei with six nucleons *(10 pages)* 024337
G. J. Fu, Y. M. Zhao, and A. Arima

Odd-even parity splittings and octupole correlations in neutron-rich Ba isotopes *(7 pages)* 024338
Y. Fu, H. Wang, L.-J. Wang, and J. M. Yao

New local mass relation for isobaric analogue states and isospin-nonconserving forces *(7 pages)* 024339
G. J. Fu, Y. Y. Cheng, Y. H. Zhang, P. Zhang, P. Shuai, Y. M. Zhao, and M. Wang

Nuclear Reactions

Repulsion and absorption of the Σ-nucleus potential for Σ^--^{5}He in the ^{6}Li(π^-, K^+) reaction *(13 pages)* 024601
Toru Harada, Ryotaro Honda, and Yoshiharu Hirabayashi

Extrapolation of scattering data to the negative-energy region. II. Applicability of effective range functions within an exactly solvable model *(11 pages)* 024602
L. D. Blokhintsev, A. S. Kadyrov, A. M. Mukhamedzhanov, and D. A. Savin

Monotonic properties of the shift and penetration factors *(12 pages)* 024603
Carl R. Brune, Gerald M. Hale, and Mark W. Paris

Dynamical evolution of spectator systems produced in ultrarelativistic heavy-ion collisions *(15 pages)* 024604
K. Mazurek, A. Szczurek, C. Schmitt, and P. N. Nadtochy

Radiative neutron capture on ^{242}Pu in the resonance region at the CERN n_TOF-EAR1 facility *(21 pages)* 024605
J. Lerendegui-Marco *et al.* (n_TOF Collaboration)

Dynamical and statistical bimodality in nuclear fragmentation *(8 pages)* 024606
S. Mallik, G. Chaudhuri, and F. Gulminelli

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C **THIRD SERIES, VOLUME 97, NUMBER 2** **FEBRUARY 2018**

Nuclear resonant scattering experiment with fast time response: Photonuclear excitation of ^{201}Hg *(6 pages)* 024607
A. Yoshimi, H. Hara, T. Hiraki, Y. Kasamatsu, S. Kitao, Y. Kobayashi, K. Konashi, R. Masuda, T. Masuda, Y. Miyamoto, K. Okai, S. Okubo, R. Ozaki, N. Sasao, O. Sato, M. Seto, T. Schumm, Y. Shigekawa, S. Stellmer, K. Suzuki, S. Uetake, M. Watanabe, A. Yamaguchi, Y. Yasuda, Y. Yoda, K. Yoshimura, and M. Yoshimura

Benchmarking theoretical formalisms for (p, pn) reactions: The ^{15}C$(p, pn)^{14}$C case *(5 pages)* 024608
K. Yoshida, M. Gómez-Ramos, K. Ogata, and A. M. Moro

Sum rules for quasifree scattering of hadrons *(6 pages)* 024609
R. J. Peterson

Fusion hindrance for the positive Q-value system ^{12}C + ^{30}Si *(6 pages)* 024610
G. Montagnoli, A. M. Stefanini, C. L. Jiang, K. Hagino, F. Galtarossa, G. Colucci, S. Bottoni, C. Broggini, A. Caciolli, P. Čolović, L. Corradi, S. Courtin, R. Depalo, E. Fioretto, G. Fruet, A. Gal, A. Goasduff, M. Heine, S. P. Hu, M. Kaur, T. Mijatović, M. Mazzocco, D. Montanari, F. Scarlassara, E. Strano, S. Szilner, and G. X. Zhang

Effects of unconventional breakup modes on incomplete fusion of weakly bound nuclei *(5 pages)* 024611
Alexis Diaz-Torres and Daanish Quraishi

Light charged clusters emitted in 32 MeV/nucleon ^{136,124}Xe + ^{124,112}Sn reactions: Chemical equilibrium and production of ^{3}He and ^{6}He *(10 pages)* 024612
R. Bougault, E. Bonnet, B. Borderie, A. Chbihi, D. Dell'Aquila, Q. Fable, L. Francalanza, J. D. Frankland, E. Galichet, D. Gruyer, D. Guinet, M. Henri, M. La Commara, N. Le Neindre, I. Lombardo, O. Lopez, L. Manduci, P. Marini, M. Pârlog, R. Roy, P. Saint-Onge, G. Verde, E. Vient, and M. Vigilante (INDRA Collaboration)

^{12}C$(n, 2n)^{11}$C cross section from threshold to 26.5 MeV *(11 pages)* 024613
M. Yuly, T. Eckert, G. Hartshaw, S. J. Padalino, D. N. Polsin, M. Russ, A. T. Simone, C. R. Brune, T. N. Massey, C. E. Parker, R. Fitzgerald, T. C. Sangster, and S. P. Regan

Influence of the asymmetry parameter and dissipation coefficient of the K coordinate on different aspects of fission of excited compound nuclei *(8 pages)* 024614
H. Eslamizadeh and N. Abdollahi

Production of deuterons, tritons, ^{3}He nuclei, and their antinuclei in pp collisions at $\sqrt{s} = 0.9$, 2.76, and 7 TeV *(17 pages)* 024615
S. Acharya *et al.* (ALICE Collaboration)

Sub-barrier quasifission in heavy element formation reactions with deformed actinide target nuclei *(17 pages)* ... 024616
D. J. Hinde, D. Y. Jeung, E. Prasad, A. Wakhle, M. Dasgupta, M. Evers, D. H. Luong, R. du Rietz, C. Simenel, E. C. Simpson, and E. Williams

Dynamics of complete and incomplete fusion in heavy ion collisions *(6 pages)* 024617
Xiao Jun Bao (包小军), Shu Qing Guo (郭树青), Hong Fei Zhang (张鸿飞), and Jun Qing Li (李君清)

Relativistic Nuclear Collisions

Coherent and incoherent J/ψ photonuclear production in an energy-dependent hot-spot model *(7 pages)* 024901
J. Cepila, J. G. Contreras, and M. Krelina

Bulk viscosity from hydrodynamic fluctuations with relativistic hydrokinetic theory *(13 pages)* 024902
Yukinao Akamatsu, Aleksas Mazeliauskas, and Derek Teaney

Incoherent diffractive photoproduction of J/ψ and Υ on heavy nuclei in the color dipole approach *(11 pages)* ... 024903
Agnieszka Łuszczak and Wolfgang Schäfer

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C **THIRD SERIES, VOLUME 97, NUMBER 2** **FEBRUARY 2018**

Measurement of long-range multiparticle azimuthal correlations with the subevent cumulant method in pp and p+Pb collisions with the ATLAS detector at the CERN Large Hadron Collider *(25 pages)* 024904
M. Aaboud *et al.* (ATLAS Collaboration)

Effect of the fluctuating proton size on the study of the chiral magnetic effect in proton-nucleus collisions *(7 pages)* 024905
Dmitri Kharzeev, Zhoudunming Tu, Aobo Zhang, and Wei Li

Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV *(23 pages)* 024906
S. Acharya *et al.* (ALICE Collaboration)

Dynamical initial-state model for relativistic heavy-ion collisions *(14 pages)* 024907
Chun Shen and Björn Schenke

Bulk properties of the matter produced at energies of the beam energy scan program *(8 pages)* 024908
Yu. B. Ivanov and A. A. Soldatov

Minimal conditions for collectivity in e^+e^- and $p + p$ collisions *(7 pages)* 024909
J. L Nagle, Ron Belmont, Kurt Hill, Javier Orjuela Koop, Dennis V. Perepelitsa, Pengqi Yin, Zi-Wei Lin, and Darren McGlinchey

Electromagnetic fields in small systems from a multiphase transport model *(7 pages)* 024910
Xin-Li Zhao, Yu-Gang Ma, and Guo-Liang Ma

Kinetic freeze-out conditions for the production of resonances, hadronic molecules, and light nuclei *(6 pages)* . . . 024911
Sungtae Cho, Taesoo Song, and Su Houng Lee

Effects of longitudinal asymmetry in heavy-ion collisions *(7 pages)* 024912
Rashmi Raniwala, Sudhir Raniwala, and Constantin Loizides

Baryon-antibaryon annihilation and reproduction in relativistic heavy-ion collisions *(17 pages)* 024913
E. Seifert and W. Cassing

Transport coefficients in ultrarelativistic kinetic theory *(30 pages)* 024914
Victor E. Ambruş

Coupled kinetic equations for fermions and bosons in the relaxation-time approximation *(26 pages)* 024915
Wojciech Florkowski, Ewa Maksymiuk, and Radoslaw Ryblewski

Hadronic Physics and QCD

Phenomenological study of the $pp \to \pi^+ pn$ reaction *(6 pages)* 025201
G. Fäldt and C. Wilkin

Photo- and electroproduction of $K^+\Lambda$ with a unitarity-restored isobar model *(13 pages)* 025202
D. Skoupil and P. Bydžovský

Double K^0_S photoproduction off the proton at CLAS *(11 pages)* 025203
S. Chandavar *et al.* (The CLAS Collaboration)

Separated kaon electroproduction cross section and the kaon form factor from 6 GeV JLab data *(6 pages)* 025204
M. Carmignotto *et al.* (JLAB FPI-2 and E93-018 Collaboration)

Nuclear Astrophysics

Nuclear fourth-order symmetry energy and its effects on neutron star properties in the relativistic Hartree-Fock theory *(13 pages)* 025801
Zhi Wei Liu (刘志伟), Zhuang Qian (钱庄), Ruo Yu Xing (邢若愚), Jia Rui Niu (牛佳瑞), and Bao Yuan Sun (孙保元)

(Continued)

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).

PHYSICAL REVIEW C **THIRD SERIES, VOLUME 97, NUMBER 2** **FEBRUARY 2018**

Direct measurement of astrophysically important resonances in ^{38}K$(p,\gamma)^{39}$Ca *(11 pages)* 025802
G. Christian, G. Lotay, C. Ruiz, C. Akers, D. S. Burke, W. N. Catford, A. A. Chen, D. Connolly, B. Davids, J. Fallis, U. Hager, D. Hutcheon, A. Mahl, A. Rojas, and X. Sun

Effect of quantum fluctuations in the high-energy cold nuclear equation of state and in compact star observables *(5 pages)* 025803
Péter Pósfay, Gergely Gábor Barnaföldi, and Antal Jakovác

Equilibrium nuclear ensembles taking into account vaporization of hot nuclei in dense stellar matter *(13 pages)* 025804
Shun Furusawa and Igor Mishustin

Equation of state for dense nucleonic matter from metamodeling. I. Foundational aspects *(28 pages)* 025805
Jérôme Margueron, Rudiney Hoffmann Casali, and Francesca Gulminelli

Equation of state for dense nucleonic matter from metamodeling. II. Predictions for neutron star properties *(24 pages)* 025806
Jérôme Margueron, Rudiney Hoffmann Casali, and Francesca Gulminelli

ERRATA

Erratum: Theoretical investigation of two-particle two-hole effects on spin-isospin excitations through charge-exchange reactions [Phys. Rev. C **96**, 054608 (2017)] *(1 page)* . . . . . 029901(E)
Tokuro Fukui and Futoshi Minato

Erratum: Reinvestigation of the excited states in the proton emitter ^{151}Lu: Particle-hole excitations across the $N = Z = 64$ subshell [Phys. Rev. C **96**, 064307 (2017)] *(2 pages)* . . . . . 029902(E)
F. Wang *et al.*

Erratum: Identity method for particle number fluctuations and correlations [Phys. Rev. C **84**, 024902 (2011)] *(1 page)* . . . . . 029903(E)
M. I. Gorenstein

Erratum: Anisotropy in the equation of state of magnetized quark matter [Phys. Rev. C **91**, 065205 (2015)] *(3 pages)* . . . . . 029904(E)
Débora P. Menezes, Marcus B. Pinto, and Constança Providência

The editors and referees of PRC find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. C 86, 010001 (2012).