

PHYSICAL REVIEW C

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 0556-2813)

PERIODICALS

Postmaster send address changes to:
American Institute of Physics
Suite 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 60, NUMBER 6

CONTENTS

DECEMBER 1999

RAPID COMMUNICATIONS

- Indications of three-nucleon force effects in the proton analyzing power for 70–200 MeV $\vec{p}+d$ elastic scattering (3 pages) 061001
E. J. Stephenson, H. Witała, W. Glöckle, H. Kamada, and A. Nogga
- Pion-pion p -wave dominance in the $pd \rightarrow {}^3\text{He} \pi^+ \pi^-$ reaction near threshold (4 pages) 061002
F. Bellemann, A. Berg, J. Bisplinghoff, G. Bohlscheid, J. Ernst, C. Henrich, F. Hinterberger, R. Ibald, R. Jahn, L. Jarczyk, R. Joosten, A. Kozela, H. Machner, A. Magiera, R. Maschuw, T. Mayer-Kuckuk, G. Mertler, J. Munkel, P. von Neumann–Cosel, D. Rosendaal, P. von Rossen, H. Schnitker, K. Scho, J. Smyrski, A. Strzalkowski, R. Tölle, and C. Wilkin (COSY-MOMO Collaboration)
- Partial dynamical SU(3) symmetry and the nature of the lowest $K=0$ collective excitation in deformed nuclei (5 pages) 061301
A. Leviatan and I. Sinai
- New β -delayed proton precursors in the rare-earth region near the proton drip line (5 pages) 061302
S.-W. Xu, Z.-K. Li, Y.-X. Xie, Q.-Y. Pan, Y. Yu, J. Adam, C.-F. Wang, J.-P. Xing, Q.-Y. Hu, S.-H. Li, H.-Y. Chen, T.-M. Zhang, G.-M. Jin, Y.-X. Luo, Yu. Penionzhkevich, and Yu. Gangrsky
- Phase coexistence in the interacting boson model and ${}^{152}\text{Sm}$ (5 pages) 061303
Jan Jolie, Pavel Cejnar, and Jan Dobeš
- Phase/shape coexistence in ${}^{152}\text{Sm}$ in the geometric collective model (5 pages) 061304
Jing-ye Zhang, M. A. Caprio, N. V. Zamfir, and R. F. Casten
- Suppression of collective spin excitations for high- K states in heavy ion induced fission reactions (4 pages) 061601
D. V. Shetty, R. K. Choudhury, B. K. Nayak, D. M. Nadkarni, and S. S. Kapoor
- Nucleon form factors and a nonpointlike diquark (5 pages) 062201
J. C. R. Bloch, C. D. Roberts, S. M. Schmidt, A. Bender, and M. R. Frank
- New limits for lepton-flavor violation from the $\mu^- \rightarrow e^-$ conversion in ${}^{27}\text{Al}$ (4 pages) 062501
T. Siiskonen, J. Suhonen, and T. S. Kosmas

ARTICLES

Nucleon-Nucleon Interaction, Few-Body Systems

- Nijmegen soft core YN potential with bound state restrictions (8 pages) 064001
Dean Halderson
- Long and short of nuclear effective field theory expansions (13 pages) 064002
David B. Kaplan and James V. Steele
- Determination of the asymptotic D - to S -state ratio for ${}^6\text{Li}$ via $({}^6\bar{\text{Li}}, d)$ transfer reactions (14 pages) 064003
K. D. Veal, C. R. Brune, W. H. Geist, H. J. Karwowski, E. J. Ludwig, E. E. Bartosz, P. D. Cathers, T. L. Drummer, K. W. Kemper, A. M. Eiró, F. D. Santos, B. Kozłowska, H. J. Maier, and I. J. Thompson

