

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 63, NUMBER 3

CONTENTS

MARCH 2001

RAPID COMMUNICATIONS

- Isoscalar giant dipole resonance in ^{90}Zr , ^{116}Sn , and ^{208}Pb (5 pages) 031301(R)
H. L. Clark, Y.-W. Lui, and D. H. Youngblood
- Testing binomial reducibility and thermal scaling in hadron-induced multifragmentation (5 pages) 031302(R)
L. Beaulieu, T. Lefort, K. Kwiatkowski, W.-c. Hsi, L. Pienkowski, R. G. Korteling, R. Laforest,
E. Martin, E. Ramakrishnan, D. Rowland, A. Ruangma, V. E. Viola, E. Winchester, and S. J. Yennello
- Observation of the $N=Z=44$ ^{88}Ru nucleus (5 pages) 031303(R)
N. Mărginean, C. Rossi Alvarez, D. Bucurescu, C. A. Ur, A. Gadea, S. Lunardi, D. Bazzacco,
G. de Angelis, M. Axiotis, M. De Poli, E. Farnea, M. Ionescu-Bujor, A. Iordăchescu, S. M. Lenzi,
Th. Kröll, T. Martinez, R. Menegazzo, D. R. Napoli, G. Nardelli, P. Pavan, B. Quintana, and
P. Spolaore
- New strongly deformed proton emitter: ^{117}La (4 pages) 031304(R)
F. Soramel, A. Guglielmetti, L. Stroe, L. Müller, R. Bonetti, G. L. Poli, F. Malerba, E. Bianchi,
A. Andrichetto, J. Y. Guo, Z. C. Li, E. Maglione, F. Scarlassara, C. Signorini, Z. H. Liu, M. Ruan,
M. Ivaşcu, C. Broude, P. Bednarczyk, and L. S. Ferreira
- Airy-like patterns in heavy ion elastic scattering (5 pages) 031601(R)
R. Anni
- Inclusive particle spectra at (56 and 130)A GeV (4 pages) 031901(R)
D. E. Kahana and S. H. Kahana
- Unblocking of the Gamow-Teller strength in stellar electron capture on neutron-rich germanium isotopes
(5 pages) 032801(R)
K. Langanke, E. Kolbe, and D. J. Dean

ARTICLES

Nucleon-Nucleon Interaction, Few-Body Systems

- Nucleon-nucleon scattering in a chiral constituent quark model (10 pages) 034001
D. Bartz and Fl. Stancu
- Point-form analysis of elastic deuteron form factors (13 pages) 034002
T. W. Allen, W. H. Klink, and W. N. Polyzou
- $\pi\Lambda\Sigma$ coupling extracted from hyperonic atoms (9 pages) 034003
B. Loiseau and S. Wyceh
- Practical approximation scheme for the pion dynamics in the three-nucleon system (10 pages) 034004
L. Canton, T. Melde, and J. P. Svenne
- Charge symmetry breaking of the nucleon-nucleon interaction: ρ - ω mixing versus nucleon mass splitting
(10 pages) 034005
R. Machleidt and H. Mütter

