

CONTENTS - Continued

PHYSICAL REVIEW C

THIRD SERIES, VOLUME 60, NUMBER 1

JULY 1999

Three-pion exchange: A gap in the nucleon-nucleon potential (9 pages)	014003
J. C. Pupin and M. R. Robilotta	

Nuclear Structure

Period of the γ -ray staggering in the ^{150}Gd superdeformed region (4 pages)	014301
D. Samsen, P. Quentin, and I. N. Mikhailov	
β decay rates of r -process waiting-point nuclei in a self-consistent approach (12 pages)	014302
J. Engel, M. Bender, J. Dobaczewski, W. Nazarewicz, and R. Surman	
Spherical and deformed isomers in ^{188}Pb (5 pages)	014303
G. D. Dracoulis, A. P. Byrne, A. M. Baxter, P. M. Davidson, T. Kibédi, T. R. McGoram, R. A. Bark, and S. M. Mullins	
Giant resonances in ^{24}Mg (10 pages)	014304
D. H. Youngblood, Y.-W. Lui, and H. L. Clark	
Parametrization of the octupole degrees of freedom (10 pages)	014305
C. Wexler and G. G. Dussel	
Probing the shape of hot ^{194}Hg at high spins with the giant dipole resonance decay in selected cascades (5 pages)	014306
F. Camera, A. Bracco, S. Leoni, B. Million, M. Mattiuzzi, M. Pignatelli, A. Maj, M. Kmiecik, R. Bark, J. Bearden, J. J. Gaardhøje, W. E. Ormand, T. Lönnroth, and R. Österbacka	
Charge symmetry breaking effects in neutron-proton scattering using the quark model (5 pages)	014307
Anita Awasthi and V. S. Bhasin	
Rotational structures in ^{125}La and alignments in $A \approx 130$ nuclei (11 pages)	014308
D. J. Hartley, L. L. Riedinger, H. Q. Jin, W. Reviol, B. H. Smith, A. Galindo-Uribarri, D. G. Sarantites, D. R. LaFosse, J. N. Wilson, and S. M. Mullins	
Lifetime study of particle-hole excitations in the semimagic nucleus ^{94}Ru (12 pages)	014309
A. Jungclaus, D. Kast, K. P. Lieb, C. Teich, M. Weiszflog, T. Härtlein, C. Ender, F. Köck, D. Schwalm, I. P. Johnstone, J. Reif, R. Schwengner, R. Peusquens, A. Dewald, J. Eberth, H. G. Thomas, M. Górski, and H. Grawe	
Relativistic Hartree+Bogoliubov description of the deformed $N=28$ region (8 pages)	014310
G. A. Lalazissis, D. Vretenar, P. Ring, M. Stoitsov, and L. M. Robledo	
Proton-neutron pairing in $Z=N$ nuclei with $A=76-96$ (17 pages)	014311
Alan L. Goodman	
Magnetic dipole band in ^{124}Xe (7 pages)	014312
I. Schneider, R. S. Chakrawarthy, I. Wiedenhöver, A. Schmidt, H. Meise, P. Petkov, A. Dewald, P. von Brentano, O. Stuch, K. Jessen, D. Weisshaar, C. Schumacher, O. Vogel, G. Sletten, B. Herskind, M. Bergström, and J. Wrzesinski	
Excited states in ^{104}Cd described with the interacting boson model plus broken pairs (8 pages)	014313
G. de Angelis, C. Fahlander, D. Vretenar, S. Brant, A. Gadea, A. Algara, Y. Li, Q. Pan, E. Farnea, D. Bazzacco, G. Bonsignori, F. Brandolini, M. De Poli, D. De Acuna, S. Lunardi, G. Maron, D. R. Napoli, P. Pavan, C. M. Petrache, C. Rossi Alvarez, P. Spolaore, and G. Vedovato	
Band crossings in the positive-parity high-spin states of ^{83}Rb and ^{85}Y (9 pages)	014314
J. Döring, G. D. Johns, R. A. Kaye, M. A. Riley, and S. L. Tabor	
Decays of ^{110}Rh and ^{112}Rh to the near neutron midshell isotopes ^{110}Pd and ^{112}Pd (20 pages)	014315
G. Lhersonneau, J. C. Wang, S. Hankonen, P. Dendooven, P. Jones, R. Julin, and J. Äystö	
Shape coexistence and the effective nucleon-nucleon interaction (20 pages)	014316
P.-G. Reinhard, D. J. Dean, W. Nazarewicz, J. Dobaczewski, J. A. Maruhn, and M. R. Strayer	

Nuclear Reactions

Nuclear sizes and temperatures from two-body correlations (4 pages)	014601
William A. Friedman	

(Continued)