

CONTENTS - Continued

PHYSICAL REVIEW C

THIRD SERIES, VOLUME 60, NUMBER 6

DECEMBER 1999

<i>np</i> final-state interaction in the reaction ${}^2\text{H}(\vec{p}, pp)n$ at $E_{\vec{p}} = 19$ MeV (8 pages)	064004
M. Przyborowski, M. Eggert, R. Engels, M. Menzel, L. Sydow, H. Paetz gen. Schieck, H. Witała, J. Golak, J. Kuroś, and W. Glöckle	
Nuclear Structure	
High- <i>K</i> multiquasiparticle configurations and limiting moments of inertia in ${}^{178}\text{W}$ (11 pages)	064301
D. M. Cullen, S. L. King, A. T. Reed, J. A. Sampson, P. M. Walker, C. Wheldon, F. Xu, G. D. Dracoulis, I.-Y. Lee, A. O. Macchiavelli, R. W. MacLeod, A. N. Wilson, and C. Barton	
Compressed nuclei in relativistic Thomas-Fermi approximation (9 pages)	064302
T. v. Chossy, P. Marshall, and W. Stocker	
Boson expansion techniques, the Pauli principle, and the quasiparticle random phase approximation phase transition (8 pages)	064303
Jorge G. Hirsch, Peter O. Hess, and Osvaldo Civitarese	
Structure of excited states of ${}^{10}\text{Be}$ studied with antisymmetrized molecular dynamics (10 pages)	064304
Y. Kanada-En'yo, H. Horiuchi, and A. Doté	
Disappearance of nuclear magicity towards drip lines (9 pages)	064305
R. C. Nayak	
Bonn potential and shell-model calculations for $N = 126$ isotones (10 pages)	064306
L. Coraggio, A. Covello, A. Gargano, N. Itaco, and T. T. S. Kuo	
Multiscale fluctuations in the nuclear response (14 pages)	064307
Denis Lacroix and Philippe Chomaz	
Near yrast study of the <i>fpg</i> shell nuclei ${}^{58}\text{Ni}$, ${}^{61}\text{Cu}$, and ${}^{61}\text{Zn}$ (18 pages)	064308
S. M. Vincent, P. H. Regan, S. Mohammadi, D. Blumenthal, M. Carpenter, C. N. Davids, W. Gelletly, S. S. Ghugre, D. J. Henderson, R. V. F. Janssens, M. Hjorth-Jensen, B. Kharraja, C. J. Lister, C. J. Pearson, D. Seweryniak, J. Schwartz, J. Simpson, and D. D. Warner	
Particle-rotor model calculations of superdeformed bands in $A = 150$ and 190 regions (10 pages)	064309
M. Saha Sarkar	
Quasideuteron configurations in odd-odd $N = Z$ nuclei (7 pages)	064310
A. F. Lisetskiy, R. V. Jolos, N. Pietralla, and P. von Brentano	
Particle-hole level densities in deformed nuclei (9 pages)	064311
F. Garcia, O. Rodriguez, F. Guzman, H. Dias, J. D. T. Arruda-Neto, M. S. Hussein, and A. K. Kerman	
Effective density-dependent pairing forces in the $T = 1$ and $T = 0$ channels (6 pages)	064312
E. Garrido, P. Sarriuren, E. Moya de Guerra, and P. Schuck	
Decay-out of the yrast superdeformed band in ${}^{136}\text{Nd}$: Towards an experimental extraction of the neutron pairing gap at large deformation (10 pages)	064313
S. Perriès, A. Astier, L. Ducroux, M. Meyer, N. Redon, C. M. Petrache, D. Bazzacco, G. Falconi, S. Lunardi, M. Lunardon, C. Rossi Alvarez, C. A. Ur, R. Venturelli, G. Viesti, I. Deloncle, M. G. Porquet, G. de Angelis, M. de Poli, C. Fahlander, E. Farnea, D. Foltescu, A. Gadea, D. R. Napoli, Zs. Podolyàk, A. Bracco, S. Frattini, S. Leoni, B. Cederwall, A. Johnson, and R. A. Wyss	
Response of light drip line nuclei to spin dependent operators (7 pages)	064314
I. Hamamoto and H. Sagawa	
Continuum level density in a microscopic cluster model: Parameters of resonances (11 pages)	064315
K. Arai and A. T. Kruppa	
Heavy-ion emission in spontaneous decays of ${}^{249,252}\text{Cf}$ nuclei (7 pages)	064316
M. Balasubramaniam and Raj K. Gupta	
Parity splitting in the alternating parity bands of some actinide nuclei (6 pages)	064317
R. V. Jolos and P. von Brentano	
Formal comparison of supersymmetry in the nuclear $U(6/2)$ model and in quantum field theory (6 pages)	064318
R. V. Jolos and P. von Brentano	

(Continued)