

CONTENTS - Continued

PHYSICAL REVIEW C

THIRD SERIES, VOLUME 61, NUMBER 5

MAY 2000

Nuclear Structure

Limitations of the number self-consistent random phase approximation (7 pages)	054301
Alejandro Mariano and Jorge G. Hirsch	
Decay rates of spherical and deformed proton emitters (5 pages)	054302
Cary N. Davids and Henning Esbensen	
Triaxial nuclei calculated with the extended Thomas-Fermi plus Strutinsky integral (ETFSI) method (12 pages)	054303
A. K. Dutta, J. M. Pearson, and F. Tondeur	
Necessary conditions for binding in few-body systems (7 pages)	054304
D. K. Gridnev and J. S. Vaagen	
γ emission from the 31-yr isomer of ^{178}Hf induced by x-ray irradiation (7 pages)	054305
C. B. Collins, F. Davanloo, A. C. Rusu, M. C. Iosif, N. C. Zoita, D. T. Camase, J. M. Hicks, S. A. Karamian, C. A. Ur, I. I. Popescu, R. Dussart, J. M. Pouvesle, V. I. Kirischuk, N. V. Strilchuk, P. McDaniel, and C. E. Crist	
Shell effects in nuclei with vector self-coupling of the ω meson in the relativistic Hartree-Bogoliubov theory (15 pages)	054306
Madan M. Sharma, Ameenah R. Farhan, and S. Mythili	
Scissors mode and the pseudo-SU(3) model (10 pages)	054307
T. Beuschel, J. G. Hirsch, and J. P. Draayer	
β decay of ^{66}Co , ^{68}Co , and ^{70}Co (12 pages)	054308
W. F. Mueller, B. Bruyneel, S. Franchoo, M. Huyse, J. Kurpeta, K. Kruglov, Y. Kudryavtsev, N. V. S. V. Prasad, R. Raabe, I. Reusen, P. Van Duppen, J. Van Roosbroeck, L. Vermeeren, L. Weissman, Z. Janas, M. Karny, T. Kszczot, A. Płochocki, K.-L. Kratz, B. Pfeiffer, H. Grawe, U. Köster, P. Thirolf, and W. B. Walters	
Ground state correlations and mean field in ^{16}O . II. Effects of a three-nucleon interaction (8 pages)	054309
Bogdan Mihaila and Jochen H. Heisenberg	

Nuclear Reactions

Measurement of the $^{208}\text{Pb}(n,p)^{208}\text{Tl}$ reaction cross section between 30 and 70 MeV neutron energy (3 pages)	054601
R. Coszach, P. Duhamel, S. El Hajjami, W. Galster, P. Leleux, J.-P. Meulders, J. Vanhorenbeeck, and J. Vervier	
Search for isovector giant monopole resonances via the $^{124}\text{Sn}(^3\text{He},tn)$ reaction (10 pages)	054602
R. G. T. Zegers, S. Brandenburg, M. N. Harakeh, S. Y. van der Werf, J. Jänecke, T. O'Donnell, D. A. Roberts, S. Shaheen, G. P. A. Berg, C. C. Foster, T. Rinckel, and E. J. Stephenson	
Evidence of Ξ hypernuclear production in the $^{12}\text{C}(K^-,K^+)^{12}_{\Xi}\text{Be}$ reaction (7 pages)	054603
P. Khaustov, D. E. Alburger, P. D. Barnes, B. Bassalleck, A. R. Berdoz, A. Biglan, T. Bürger, D. S. Carman, R. E. Chrien, C. A. Davis, H. Fischer, G. B. Franklin, J. Franz, L. Gan, A. Ichikawa, T. Iijima, K. Imai, Y. Kondo, P. Koran, M. Landry, L. Lee, J. Lowe, R. Magahiz, M. May, R. McCrady, C. A. Meyer, F. Merrill, T. Motoba, S. A. Page, K. Paschke, P. H. Pile, B. Quinn, W. D. Ramsay, A. Rusek, R. Sawafta, H. Schmitt, R. A. Schumacher, R. W. Stotzer, R. Sutter, F. Takeutchi, W. T. H. van Oers, K. Yamamoto, Y. Yamamoto, M. Yosoi, and V. J. Zeps (The AGS E885 Collaboration)	
Pion absorption on ^4He into the ppd final state (12 pages)	054604
M. Planinić, D. Androić, G. Backenstoss, D. Bosnar, T. Dooling, M. Furić, P. A. M. Gram, N. K. Gregory, A. Hoffart, C. H. Q. Ingram, A. Klein, K. Koch, J. Köhler, B. Kotliński, M. Kroedel, G. Kyle, A. Lehmann, A. O. Mateos, K. Michaelian, T. Petković, R. P. Redwine, D. Rowntree, N. Šimičević, R. Trezeciak, H. Ullrich, H. J. Weyer, M. Wildi, and K. E. Wilson (LADS Collaboration)	

(Continued)