PHYSICAL REVIEW C **THIRD SERIES, VOLUME 59, NUMBER 3** **MARCH 1999**

Octupole correlations in neutron-rich ^{145,147}La nuclei: Coriolis-limit-coupling bands with aligned $h_{11/2}$ proton 1316
S. J. Zhu, J. H. Hamilton, A. V. Ramayya, M. G. Wang, J. K. Hwang, E. F. Jones, L. K. Peker, B. R. S. Babu, G. Drafta, W. C. Ma, G. L. Long, L. Y. Zhu, M. Li, C. Y. Gan, T. N. Ginter, J. Kormicki, J. K. Deng, D. T. Shi, W. E. Collins, J. D. Cole, R. Aryaeinejad, M. W. Drigert, J. O. Rasmussen, R. Donangelo, J. Gilat, S. Asztalos, I. Y. Lee, A. O. Macchiavelli, S. Y. Chu, K. E. Gregorich, M. F. Mohar, M. A. Stoyer, R. W. Lougheed, K. J. Moody, J. F. Wild, S. G. Prussin, G. M. Ter-Akopian, A. V. Daniel, and Yu. Ts. Oganessian

Yrast states of the proton drip line nucleus ^{106}Sb 1324
D. Sohler, J. Cederkäll, M. Lipoglavšek, Zs. Dombrádi, M. Górska, J. Persson, D. Seweryniak, I. Ahmad, A. Atac, R. A. Bark, J. Blomqvist, M. P. Carpenter, B. Cederwall, C. N. Davids, C. Fahlander, S. M. Fischer, H. Grawe, G. Hackman, R. V. F. Janssens, A. Johnson, A. Kerek, W. Klamra, J. Kownacki, C. J. Lister, S. Mitarai, D. Nisius, L.-O. Norlin, J. Nyberg, G. Poli, P. Reiter, J. J. Ressler, H. A. Roth, J. Schwartz, G. Sletten, J. Uusitalo, W. B. Walters, and M. Weiszflog

Further evidence on shape coexistence in ^{72}As 1328
D. Sohler, Zs. Podolyák, Zs. Dombrádi, J. Gulyás, A. Algora, S. Brant, V. Krstić, and V. Paar

Highly deformed and triaxial structures in ^{134}Ce 1334
N. J. O'Brien, A. Galindo-Uribarri, V. P. Janzen, D. T. Joss, P. J. Nolan, C. M. Parry, E. S. Paul, D. C. Radford, R. Wadsworth, and D. Ward

Shape competition and shape coexistence in ^{75}Br 1339
G. Z. Solomon, G. D. Johns, R. A. Kaye, and S. L. Tabor

Residual interactions and tilted rotation in odd-odd ^{164}Tm 1351
W. Reviol, L. L. Riedinger, X. Z. Wang, J.-Y. Zhang, H. J. Jensen, G. B. Hagemann, R. A. Bark, P. O. Tjøm, S. Leoni, T. Lönnroth, H. Schnack-Petersen, T. Shizuma, J. Wrzesinski, and P. B. Semmes

Carbon isotopes near drip lines in the relativistic mean-field theory 1379
M. M. Sharma, S. Mythili, and A. R. Farhan

Unbound states by analytic continuation in the coupling constant 1391
N. Tanaka, Y. Suzuki, K. Varga, and R. G. Lovas

Rotational alignment near $N=Z$ and proton-neutron correlations 1400
S. Frauendorf and J. A. Sheikh

Effective field theory for Λ-Σ^0 mixing in nuclear matter 1405
H. Müller

Variational approach to collective excitations 1422
M. Sambataro and N. Dinh Dang

Structure of ^{6}He with an extended three-cluster model 1432
K. Arai, Y. Suzuki, and R. G. Lovas

Ground state correlations and mean field in ^{16}O 1440
Jochen H. Heisenberg and Bogdan Mihaila

Extension of the pairing plus quadrupole force model to $N\approx Z$ nuclei 1449
M. Hasegawa and K. Kaneko

Nuclear Reactions

Excitation function measurements for the ^{12}C(^{20}Ne,^{12}C[0_2^+])^{20}Ne reaction 1456
S. J. Hoad, N. M. Clarke, M. Freer, B. R. Fulton, P. Fry, W. D. M. Rae, and A. H. Wuosmaa

Kaon production in nucleus-nucleus collisions at 92 MeV per nucleon 1464
R. Legrain, J. F. Lecolley, F. R. Lecolley, N. Alamanos, L. Bianchi, Y. Cassagnou, H. Dabrowski, B. Erazmus, J. Julien, D. Lebrun, Ch. Le Brun, A. Mougeot, P. Hameau, G. Perrin, P. de Saintignon, J. L. Sida, and J. P. Wieleczko

Heavy residue production in the interaction of 29 MeV/nucleon ^{208}Pb with ^{197}Au 1472
W. Loveland, M. Andersson, K. E. Zyromski, N. Ham, B. Altschul, J. Vlcakova, D. Menge, J. O. Liljenzin, R. Yanez, and K. Aleklett

(Continued)