

Study of nuclei beyond the proton drip line at $A \sim 20$ through multi-proton emission*

Z. H. Li¹, Y. Jin¹, L. Ni¹, C. Y. Niu², K. W. Brown³, H. Hua¹, A. K. Anthony^{2,4},
J. Barney^{2,4}, R. J. Charity⁵, J. Crosby^{2,4}, D. Dell'Aquila², J. M. Elson⁵, J.
Estee^{2,4}, M. Ghazali^{2,4}, G. Jhang², J. G. Li^{1,6,7}, W. G. Lynch^{2,4}, N. Michel^{6,7},
L. G. Sobotka^{5,8}, S. Sweany^{2,4}, F. C. E. Teh^{2,4}, A. Thomas⁵, C. Y. Tsang^{2,4},
M. B. Tsang^{2,4}, S. M. Wang^{9,10}, H. Y. Wu¹, C. X. Yuan¹¹, and K. Zhu^{2,4}

¹*School of Physics and State Key Laboratory of Nuclear Physics and Technology,
Peking University, Beijing 100871, China*

²*National Superconducting Cyclotron Laboratory,
Michigan State University, East Lansing, Michigan 48824, USA*

³*Department of Chemistry, Michigan State University, East Lansing, Michigan 48824, USA*

⁴*Department of Physics and Astronomy, Michigan State University, East Lansing, Michigan 48824, USA*

⁵*Department of Chemistry, Washington University, St. Louis, Missouri 63130, USA*

⁶*Institute of Modern Physics, Chinese Academy of Sciences, Lanzhou 730000, China*

⁷*School of Nuclear Science and Technology,
University of Chinese Academy of Sciences, Beijing 100049, China*

⁸*Department of Physics, Washington University, St. Louis, Missouri 63130, USA*

⁹*Institute of Modern Physics, Fudan University, Shanghai 200433, China*

¹⁰*FRIB Laboratory, Michigan State University,
East Lansing, Michigan 48824, USA and*

¹¹*Sino-French Institute of Nuclear Engineering and Technology,
Sun Yat-Sen University, Zhuhai 519082, China*

Investigations into proton emissions beyond the dripline are critical for mapping the limits of nuclear stability and improving our understanding of nucleon-nucleon interactions under extreme isospin conditions.

In this talk, I will present the experimental results of newly discovered four-proton emission nuclei ^{18}Mg and three-proton emission nuclei ^{21}Al , as well as some new results related to the excited state of ^{19}Mg .

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