

Abstract Submitted  
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**Results of the First TOF Mass Measurements at NSCL** M. MATOS, A. ESTRADA, M. AMTHOR, D. BAZIN, A. BECERRIL, T. ELLIOT, D. GALAVIZ, A. GADE, G. LORUSSO, J. PEREIRA, M. PORTILLO, A. ROGERS, H. SCHATZ, A. STOLZ, MSU, D. SHAPIRA, ORNL, E. SMITH, OSU, M. WALLACE, LANL — Time-of-Flight mass measurements technique, recently developed at the NSCL, MSU, was used to measure masses of exotic neutron-rich nuclides in the Fe region, important for r-process calculations as well as for calculations of processes occurring in the crust of accreting neutron stars. Results from the experiment will be presented and discussed.

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