

Abstract Submitted
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Transfer Reaction Studies with JENSA P. THOMPSON, University of Tennessee, Knoxville, D.W. BARDAYAN, Notre Dame, J.C. BLACKMON, Louisiana State University, K.A. CHIPPS, Oak Ridge National Laboratory, U. GREIFE, Colorado School of Mines, L.E. LINHARDT, Louisiana State University, A. KONTOS, National Superconducting Cyclotron Laboratory, R.L. KOZUB, Tennessee Technological University, M. MATOS, Oak Ridge National Laboratory, F. MONTES, National Superconducting Cyclotron Laboratory, S.D. PAIN, Oak Ridge National Laboratory, S.T. PITTMAN, A. SACHS, University of Tennessee, Knoxville, H. SCHATZ, National Superconducting Cyclotron Laboratory, K.T. SCHMITT, University of Tennessee, Knoxville, M.S. SMITH, Oak Ridge National Laboratory, JENSA COLLABORATION — The Jet Experiments in Nuclear Structure and Astrophysics (JENSA) gas jet target system was designed to provide a gas target that was pure, localized, and dense. Several commissioning experiments with the JENSA target, performed at Oak Ridge National Laboratory (ORNL), were undertaken to demonstrate the unique capability of JENSA for transfer reaction studies. JENSA has since completed its move from ORNL to the ReA3 reaccelerated beam hall at the National Superconducting Cyclotron Laboratory (NSCL). An overview of the JENSA design and operation will be presented, as well as a brief discussion of the experiments performed at ORNL with JENSA, with a focus on preliminary results from the $^{20}\text{Ne}(p,t)^{18}\text{Ne}$ commissioning experiment

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