

Abstract Submitted
for the 4CF06 Meeting of
The American Physical Society

Low energy accelerator for studying laboratory nuclear astrophysics. MATTHEW R. NERDIN, JOHN E. ELLSWORTH, STEVEN E. JONES, Physics and Astronomy, Brigham Young University — We present progress on the development of research equipment to study laboratory nuclear astrophysics reactions by bombarding deuterided metallic targets with accelerated ions. This effort consists of constructing a low energy accelerator and the initial testing of specialized low-rate, neutron and charged-particle detectors.

Matthew R. Nerdin
Physics and Astronomy, Brigham Young Univeristy

Date submitted: 11 Sep 2006

Electronic form version 1.4