

Abstract Submitted
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Neutrino Quasi-Elastic Scattering Measured with MINERvA¹

BRIAN TICE, Rutgers University, MINERVA COLLABORATION — The MINERvA experiment is a precision neutrino experiment designed to improve our understanding of the neutrino-nucleus interaction. The experiment uses a fully active scintillation detector to allow full event reconstruction, using ^4He , C, Fe, and Pb targets to study the nuclear dependence of the interaction. A test run using about 20% of the full detector, as well as an Fe target, took place in spring 2009. Results of a preliminary analysis and study of detector performance will be presented.

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