

Abstract Submitted
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Measuring Nuclear Effects with MINERvA G. ARTURO FIORENTINI, Centro Brasileiro de Pesquisas Físicas, Rio de Janeiro, Brazil, MINERVA COLLABORATION — MINER ν A (Main INjector Experiment for ν -A) is a neutrino scattering experiment in the 1-10 GeV energy range in the NuMI high-intensity neutrino beam at the Fermi National Accelerator Laboratory. MINER ν A is now taking data and it was designed to measure neutrino-nucleus cross sections on a variety of different materials (C, Fe, Pb, He, H₂O) allowing the study of nuclear effects and the A- dependence in neutrino interactions. This talk will present the current status in the analysis of inclusive charge current events in the iron, lead, and plastic targets.

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