

Abstract Submitted
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Anti-Neutrino Quasi-Elastic Scattering at MINERvA EMILY MAHER, Massachusetts College of Liberal Arts, MINERVA COLLABORATION — Quasi-elastic neutrino scattering provides a means of measuring the axial form factor of the nucleon, and is a valuable tool for determining the neutrino beam energy in oscillation experiments. There are disagreements between measurements for neutrino energies below 1 GeV on scintillator and those at higher energies. MINERvA provides a bridge between the two regimes. Preliminary results for charge current quasi-elastic scattering results for anti-neutrinos ($\bar{\nu}_\mu + p \rightarrow \mu^+ + n$) on scintillator will be presented.

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