

Abstract Submitted
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Anti-Neutrino Quasi-Elastic Scattering in MINERvA JESSE
CHVOJKA, University of Rochester, MINERVA COLLABORATION — We
present recent measurements of anti-neutrino quasi-elastic scattering ($\bar{\nu}_\mu + p \rightarrow \mu + n$) at energies of a few GeV which is an important interaction channel and energy range for measuring leptonic CP violation with neutrino oscillation. The interactions were observed in the NuMI beam at Fermilab by the MINERvA detector. We discuss sample selection and reconstruction techniques and show data and simulation comparisons.

Jesse Chvojka
University of Rochester

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