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Charge Current Quasi-Elastic Anti-Neutrino Scattering in MINERvA

Thursday, 14 June 2012 16:00 (15 minutes)

MINERvA is a fine-grained high statistics neutrino scattering experiment located at Fermilab working to better understand low energy (few GeV) neutrino and anti-neutrino cross-sections. Improved understanding of cross-sections will reduce systematic errors at current and future neutrino oscillation experiments. Recent anti-neutrino charge current quasi-elastic (nu_mu_bar + p -> mu + n) results on a partial data set will be discussed including extraction of dsigma/dQ^2.

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