

NuInt12 : Eighth International Workshop on Neutrino-Nucleus Interactions in the Few-GeV Region



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CHARGED CURRENT INCLUSIVE ANALYSES IN MINERvA

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MINERvA is a few-GeV neutrino scattering experiment that has been taking data in the NuMI beam line at Fermilab since November 2009. The experiment will provide important inputs, both in support of neutrino oscillation searches and as a pure weak probe of the nuclear medium. For this, MINERvA employs a fine-grained detector, with an eight ton active target region composed of plastic scintillator and a suite of nuclear targets composed of helium, carbon, iron, lead and water placed upstream of the active region. In this poster, we present the current status of the charged current inclusive analysis in plastic scintillator as well as in the nuclear targets.

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