

In situ Calibrations of MINERvA

The MINERvA experiment, located at Fermilab, will use the NuMI beam line for measuring neutrino-nucleus interaction rates with very high precision. In order to obtain the unprecedented precision MINERvA is capable of, sophisticated calibration techniques are applied both prior to installation and in situ. This poster will highlight some of MINERvA's calibration efforts. In particular, I will talk about calibrating PMT gains and scintillator response. MINERvA's scintillator response is calculated using radioactive sources and particle beams. I will also discuss how PMT gains are calculated in situ using the light injection system.

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