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Cosmic ray rates at the Fermilab Liquid Argon Test Facility

The MicroBooNE neutrino detector is currently being installed in the Liquid Argon Test Facility at Fermi National Accelerator Lab. The liquid-argon, time-projection chamber has an event-readout time of about 5 milliseconds, during which many cosmic-ray muons will cross the large active volume. We present an estimate for this rate, based on a combination of measurements made in the experimental hall and a CRY/GEANT4 simulation.

Primary author: PAPAVALASSILOU, Vassili (NMSU)

Co-authors: WOODRUFF, Katherine (NMSU); PATE, Stephen (NMSU); MICELI, Tia (NMSU)

Presenter: PAPAVALASSILOU, Vassili (NMSU)

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