

Recent Cross-section Measurements from MicroBooNE

Tuesday, July 28, 2020 6:00 PM (15 minutes)

MicroBooNE is a liquid argon time projection chamber in the Booster Neutrino Beam at Fermilab. The large event rate and 3 mm wire spacing of the detector provide high-statistics, precise-resolution imaging of neutrino interactions leading to low-threshold, high-efficiency event reconstruction with full angular coverage. As such, MicroBooNE is an ideal place to probe neutrino-argon interactions in the hundreds-of-MeV to few-GeV energy range, and to study the impact of nuclear effects through detailed measurements of hadronic final states. This will be the subject of this talk.

I read the instructions

Secondary track (number)

Author: CASTILLO FERNANDEZ, Raquel (FNAL)

Presenter: CASTILLO FERNANDEZ, Raquel (FNAL)

Session Classification: Neutrino Physics

Track Classification: 02. Neutrino Physics