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MicroBooNE's latest results

Friday, 13 October 2023 10:10 (30 minutes)

MicroBooNE is an 85-tonne active volume liquid-argon time projection chamber located in the Booster Neutrino Beam and NuMI beam at Fermilab. It was operational from 2015 to 2020 and collected the largest neutrino-argon interaction dataset to date. The primary goals of MicroBooNE are to understand the low-energy excess observed by MiniBooNE, make precise measurements of neutrino interactions on argon, and search for beyond-the-Standard-Model physics. In this talk, I will present some of the latest results from MicroBooNE, with an emphasis on neutrino-argon cross-section measurements.

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