

The MicroBooNE Experiment

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MicroBooNE is a 100-ton scale liquid-argon time projection chamber (LArTPC) neutrino experiment located on the Booster neutrino beamline at Fermilab. The experiment first started collecting neutrino data in October 2015. The detector, the first in the short-baseline neutrino program at Fermilab, is the longest operating LArTPC to date and plays an important role in a phased program towards the construction of massive kiloton scale detectors for future long-baseline neutrino physics (DUNE). We present results on the operation and performance of the detector after four years of data taking, highlighting accomplishments towards reconstruction, calibration and detector physics.

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Secondary track (number)

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