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Status of the MicroBooNE low-energy excess search and systematic uncertainties evaluation

MicroBooNE (the Micro Booster Neutrino Experiment) is a liquid argon time-projection chamber (LArTPC) experiment currently running at Fermilab, and is designed to study short-baseline neutrino physics. It aims to address the nature of the anomalous excess of low-energy electron-neutrino-like events observed by the previous MiniBooNE experiment. We will present the status of the low-energy excess search and will discuss the evaluation of the systematic uncertainties.

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