

Abstract Submitted
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The MiniBooNE Oscillation Fit Result¹ HEATHER RAY, Los Alamos National Laboratory, MINIBOONE COLLABORATION — The LEP measurement of the Z boson width indicates that there exists three light neutrinos. Neutrino oscillations, observed and confirmed for both solar and atmospheric neutrinos, are permitted in this scheme. The LSND observation of accelerator neutrino oscillations at high Δm^2 , however, is not permitted in a model which only contains three neutrino types. MiniBooNE, located at Fermi National Laboratory, is an experiment designed to refute or confirm the LSND oscillation result. MiniBooNE will look for oscillations of $\nu_\mu \rightarrow \nu_e$ in a closed-box appearance analysis. This talk will focus on the status of oscillation fits performed on the entire neutrino data set.

¹for the MiniBooNE Collaboration

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