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MiniBooNE Status : Cross Section Results¹ HEATHER RAY, Los Alamos National Laboratory — MiniBooNE, located at Fermi National Laboratory, is an experiment designed to confirm or refute the LSND neutrino oscillation result. MiniBooNE will look for oscillations of $\nu_\mu \rightarrow \nu_e$ in a closed-box appearance analysis. The event sample at MiniBooNE is dominated by the four following processes : CCQE (charge current quasi-elastic, 40%), $CC\pi^+$ (charge current π^+ , 25%), NCE (neutral current elastic, 16%), $NC\pi^0$ (neutral current π^0 , 7%). This talk will focus on the current status of cross section measurements for these four processes.

¹H. Ray, for the MiniBooNE Collaboration

Prefer Oral Session
 Prefer Poster Session

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