Users Meeting Talk Discussion

Joseph Walding

May 24th 2010

Talk Overview

- 25+5 minute talk

- Overview of MiniBooNE and SciBooNE work from last 12 months

- Users Meeting on 2nd-3rd June

  – Not sure which day I am speaking (no agenda posted as yet)

- Plan to give a practice talk this Friday (28th May)

  – 1-2 slides per analysis topic per experiment

MiniBooNE Measurements

- QE: $\dfrac{d^2\sigma}{dT_\mu \, d\cos(\theta_\mu)}$

- NC Elastic: $\dfrac{d\sigma}{dQ^2}$, and NCEL/QE a function Q^2

- NC π^0: ν and mode $\bar{\nu}$
  - $\dfrac{d\sigma}{dp_\pi},\dfrac{d\sigma}{d\theta_\pi}$

- CC π^+: Multiple differential cross-sections (Mikes NuInt talk)

- CCπ^0: $\sigma(E_\nu), \ m_{\pi^0}$

SciBooNE Measurements

- NCπ^0: Inclusive and coherent (Kurimoto)
  - $\dfrac{\sigma(NC\pi^0_{incl.})}{\sigma(CC_{incl.})}$, $\dfrac{\sigma(CC_{coh}\pi^+)}{\sigma(NC_{coh}\pi^0)}$

- QE:
  - SciBar Contained Sample: Backward track anomaly (Me)
  - MRD-Matched Sample: $\sigma(E_\nu)$ (Jose)
- CC inclusive event rate (Nakaji)

SciBooNE Measurements

- $CC\pi^0$: (Joan)
- NC Elastic: (Aaron)
- Kaon Analysis: (Gary)

- What would you guys like me to show of your analyses?
- Anything else?