What I’m Doing

• Getting started working on uB run control system with Rashid
  – Involves importing Nova’s RC stuff and converting it to a uB format (xml->fhicl, etc)

• Working on analyzing HandScan true-final-state data
  – Latest obstacle: deciding how to handle control sample data analysis.
Hand Scanning: Control Normalization?

CONTROL CORRECTED Efficiency vs $E_{nu}$, $1e+np+0else$ (ign neutrons/others)

Control normalization, bin-by-bin correction. Clearly, too statistics limited, especially in higher bins.
Hand Scanning: Control Normalization?

[EFF GROUP] CTRL-Normalized Efficiency, 1e+np+0mu+0pip+0g+0other

Control normalization – flat correction. End up with efficiencies >> 1 for some scanners, skews average efficiency above 1.
Hand Scanning: Control Normalization?

[EFF GROUP] Efficiency vs Enu, 1e+np+0mu+0pipmz+0g+0other

Treating control sample as extra experimental events
Hand Scanning: Control Normalization?

[EFF GROUP] Efficiency vs $E_{\nu}$, $1e+np+0\mu+0\pi+0g+0\text{other}$

No control sample at all