



MINOS Status Report



Benton Pahlka

NEAR DETECTOR



- ◆ Magnet has been tested by Walt Jaskierny and has been on since last Wednesday
- ◆ Remote magnet controls are operational
- ◆ Detector is fully operational



MINOS Status Report



- ◆ No major detector issues
- ◆ A few software upgrades (mysql, etc)
- ◆ Lab has moved to 8 hour days, 7:30 – 3:30
- ◆ Maintaining on-call status otherwise



General Operations



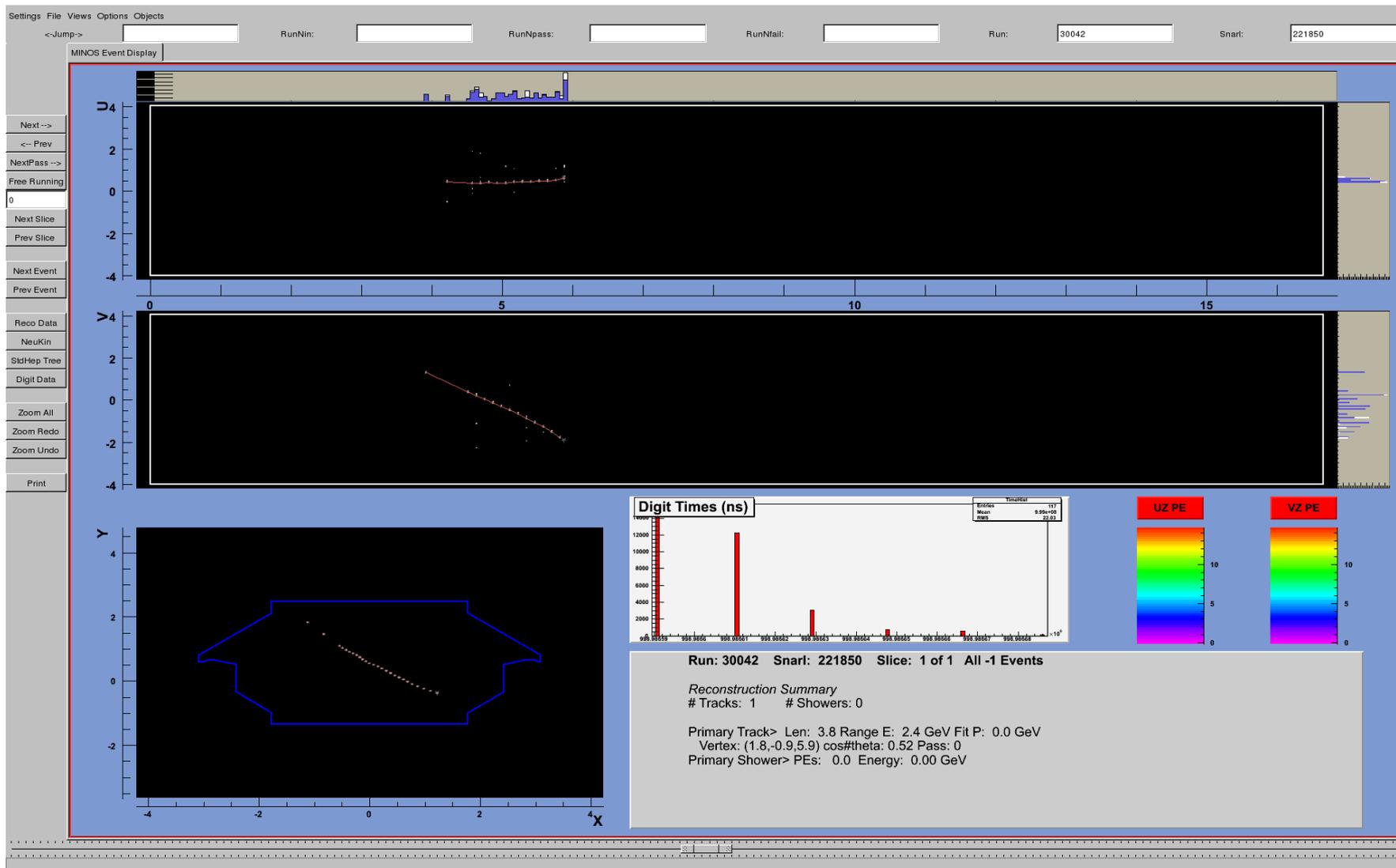
- ◆ Certification of good beam data has been taken over by new FNAL postdoc
- ◆ Online data monitoring to be reconfigured, similar to MINERvA, with a web-based monitoring tool. Starting work this week.
- ◆ End of February: Several people going to Sudan to explore feasibility of new DAQ for Far Detector
- ◆ New shift scheduling coordinator identified, testing new shifting system
- ◆ Special meeting with network group this Thursday for Far Detector ops
- ◆ All but one PC in control room now fully functional as new machines
- ◆ MINOS acnet functional, starting work on upgrading JAS beam monitoring

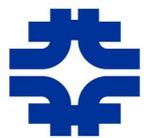


Refurbished DAQ Status



- ◆ New DAQ is operational!
- ◆ Event display shows cosmic muon registered with new DAQ





Refurbished DAQ Status



Upcoming plans for new DAQ:

- ◆ Can now switch between new and old DAQs
- ◆ Data from new DAQ registers correctly in root files; good prelim tests
- ◆ Plan to run alternating sequence of new/old DAQ in one week intervals
 - Will confirm good data state with reconstruction, calibration, and data quality monitoring groups. We will expect a quick turn-around here.
 - Perform side-by-side comparisons of data for each two-week period
 - Will perform similar study when beam arrives



Summary



- ◆ Both Near and Far Detectors running smoothly (no major issues)
- ◆ DAQ refurbishment progressing nicely, registering good data
- ◆ Good news on all fronts, lots of new volunteers and new tools in the works