MicroBooNE status

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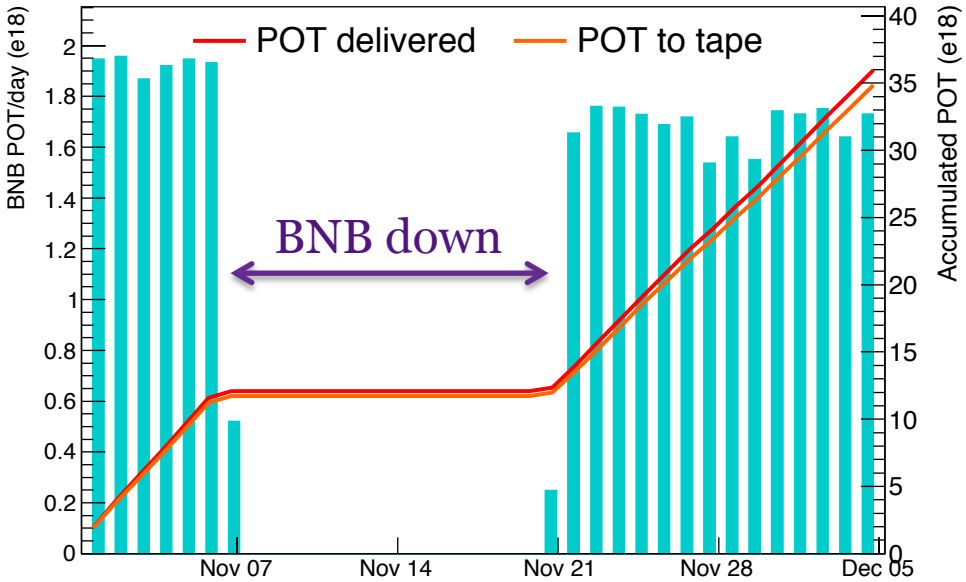
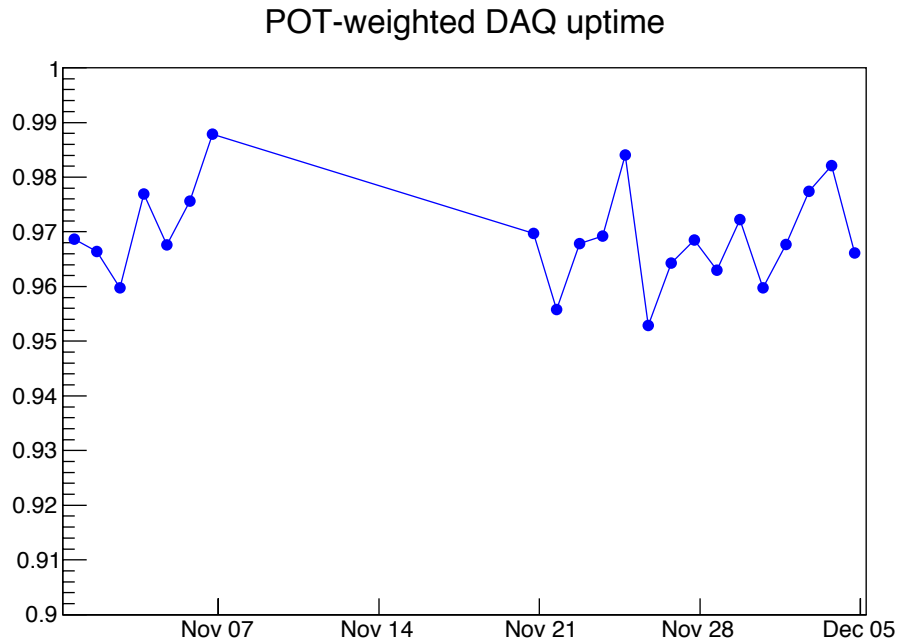
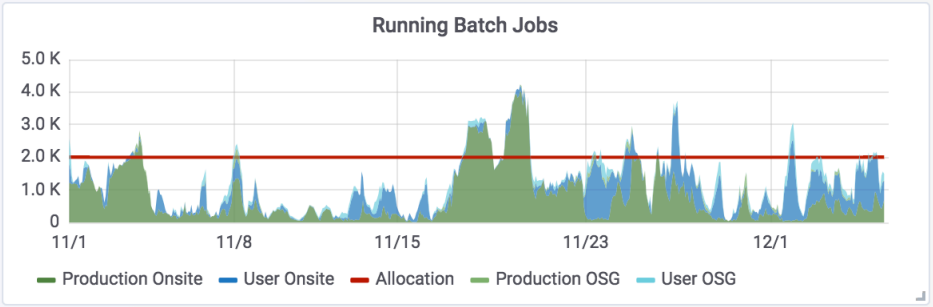
DAQ uptime

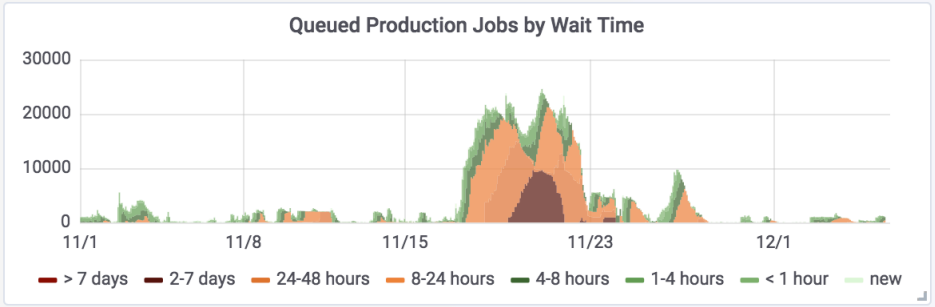




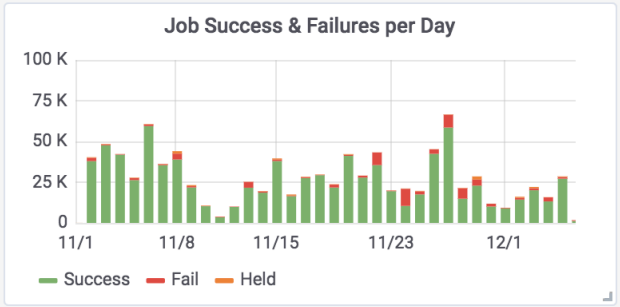
POT delivered since 11/1: 3.598 e19
POT on tape: 3.349 e19
Fraction on tape: 96.9%

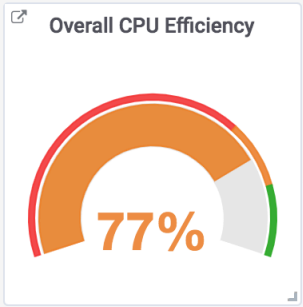
Computing resource use

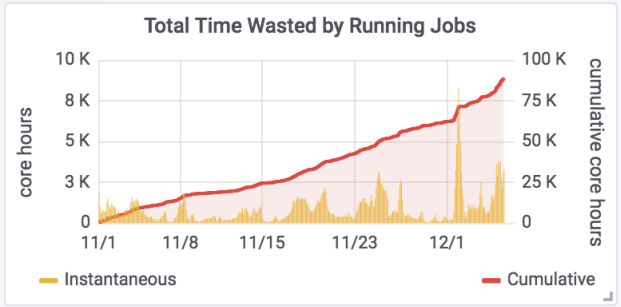




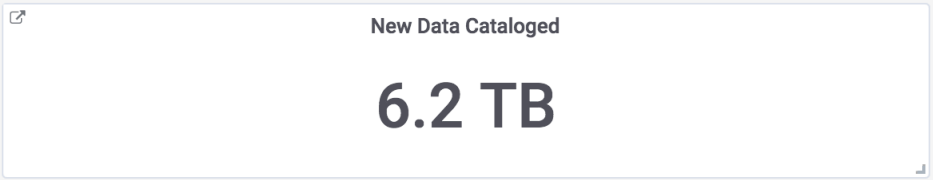
Completiong and Efficiency Stats

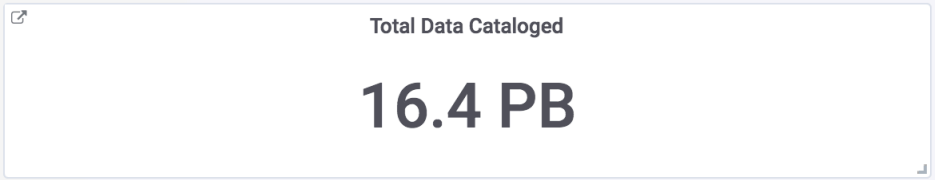






New row



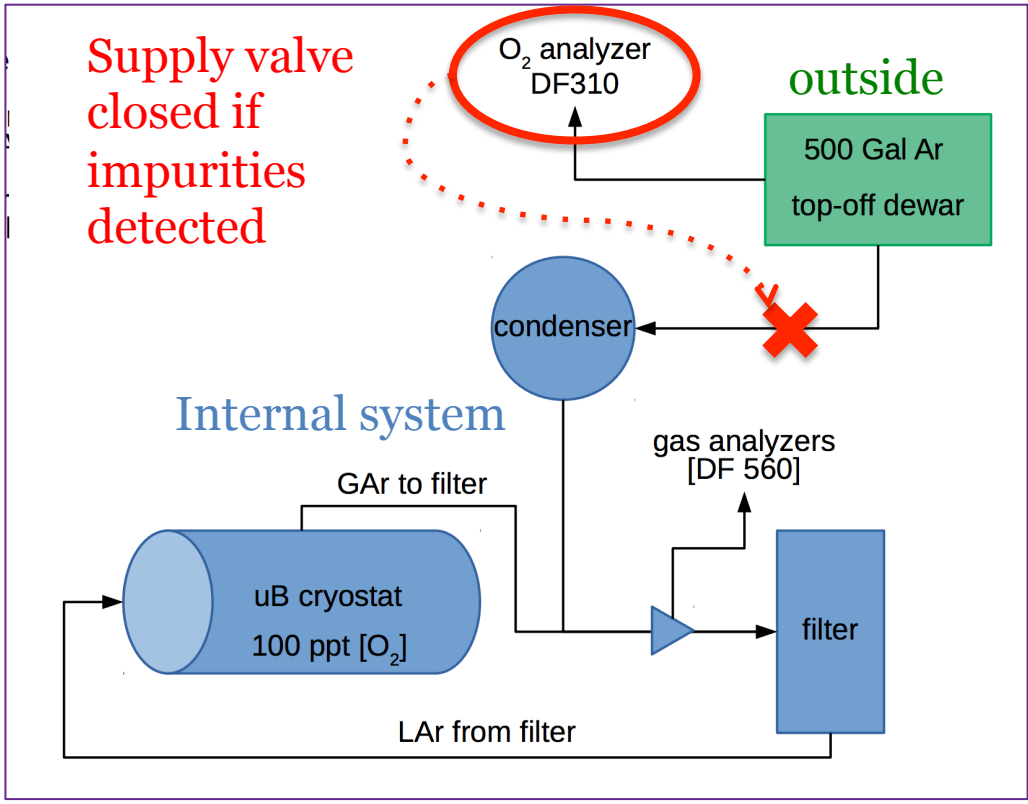


BNB downtime

- Two weeks of downtime during November
  - Horn power supplies problems
  - BNB decay volume canopy construction work
- Continued running with NuMI triggers, off-beam data collection, and muon-paddle-triggered events for trigger studies
  - Also migrated a (repaired) new DAQ machine to being the primary slow controls database server
- We thank AD & all involved for promptness, getting beam back before thanksgiving holidays
  - Delays would have led to a week-longer downtime

Dirty argon interlock

- PLC update by ND Cryo experts
- Automatically close valve if top-off argon has too high O2 & N2 concentration
- Important for future LAr experiments (ICARUS, SBND, DUNE)



Other news

- Collaboration additions
  - One new remote shift station
  - One new postdoc, three grad students
- 4-day analysis retreat last week
  - In preparation for starting production push for next year's summer results
  - Significant changes to data & MC processing, following our recently published pioneering improvements to signal processing techniques
- Our first PRL paper submission: positive response from reviewers received