

MicroBooNE status

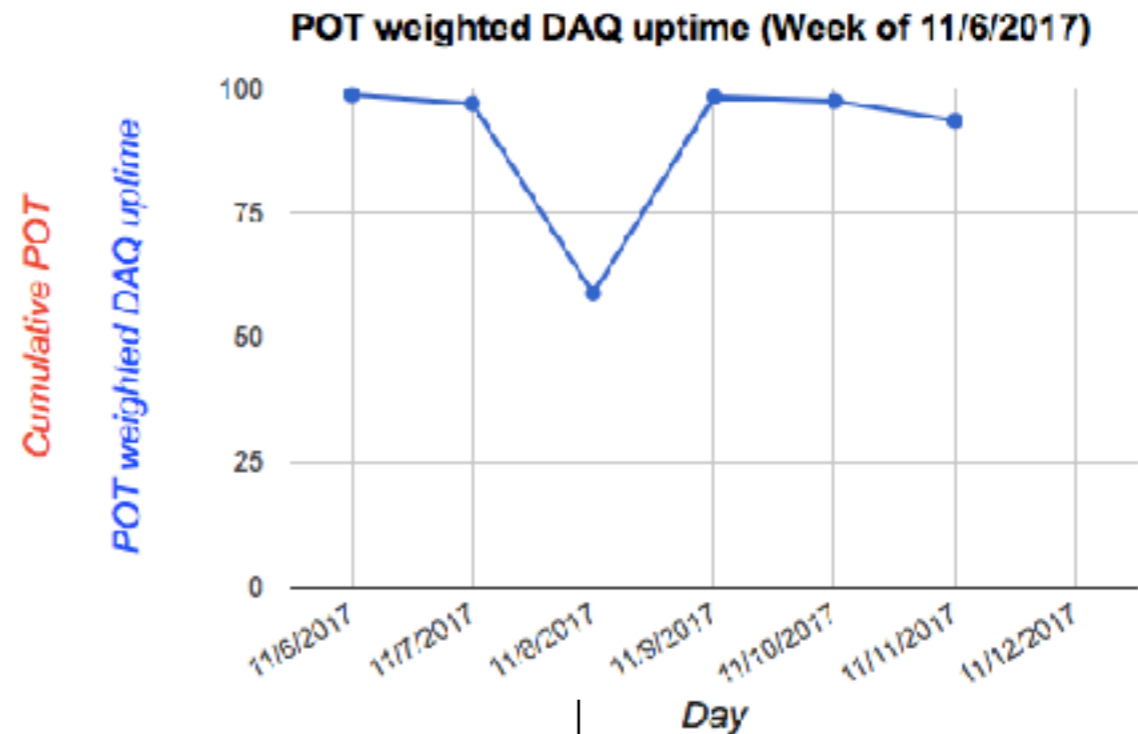
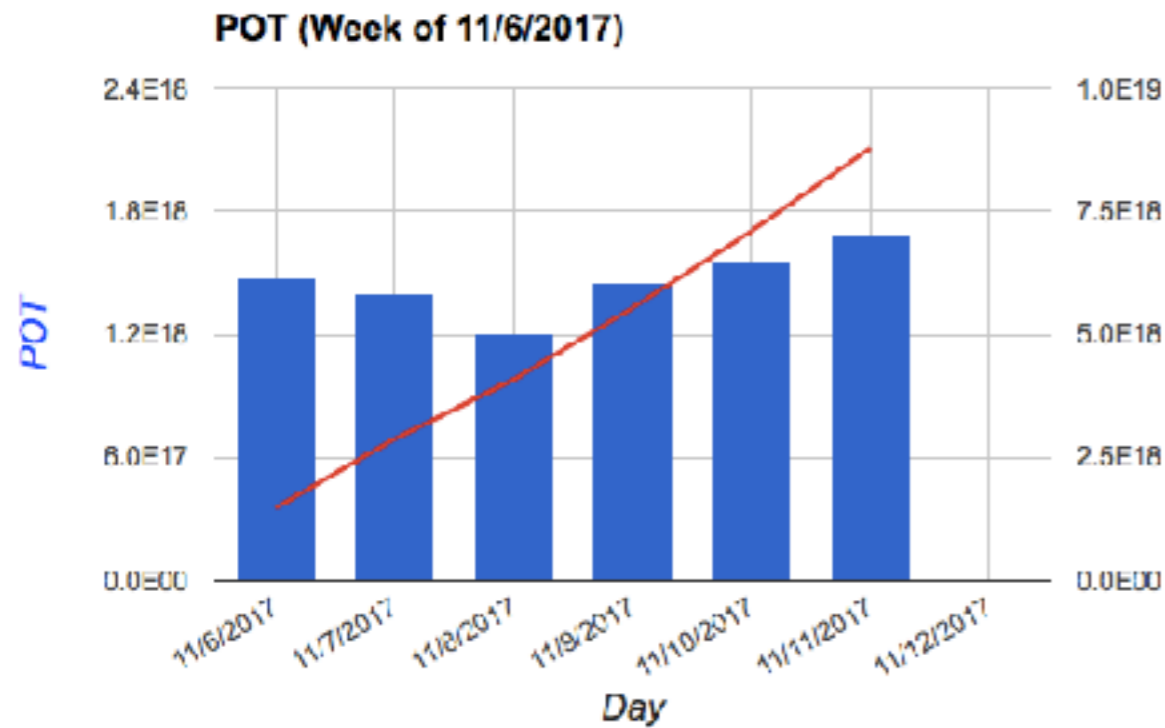
Adi Ashkenazi on behalf of the  collaboration

All Experimenters' Meeting

Fermilab 

11/13/17

Beam Statistics

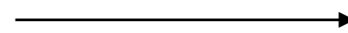


BNB uptime 86.17 %

DAQ uptime 90.68 %

POT delivered $8.79 \cdot 10^{18}$

POT recorded $7.97 \cdot 10^{18}$



see next slide

Week of 11/6

Router fail

Tuesday - router in LArFT partially failed

standby router was successfully used

Wednesday - DAQ fail after switching to new router

as multi casting was not the new router default

Week of 11/6

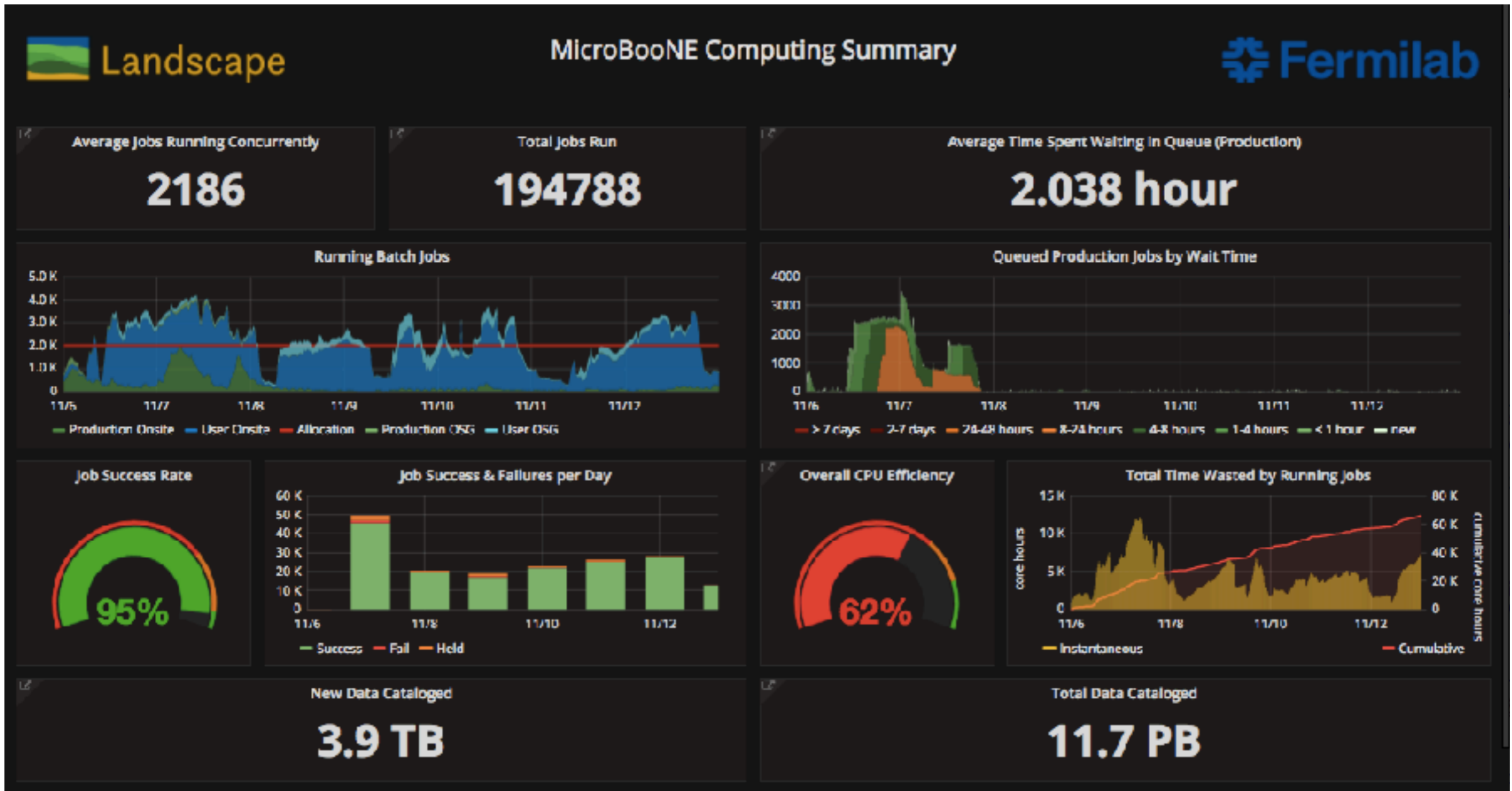
Liquid N supply

The last N₂ delivery was skipped causing the level of N₂ to drop down below threshold

Matheson, the supplier have made an off schedule emergency delivery and are checking their delivery alarming system.

There was no immediate danger to the experiment functionality.

Computing Summary



significantly better overall CPU efficiency -
less MC production.

Summary

- Stable physics running with 70 kV drift HV
- No upcoming plans until next shutdown
 - Identifying source of router problem
 - Ongoing investigation of the PMT flange grounding effects on detector noise.

Backup

total POT 6.56×10^{20} with the detector
6.24x10²⁰ POT of which was recorded

useful links :

<https://fifemon.fnal.gov/monitor/dashboard/script/experiment-computing-summary.js?experiment=MicroBooNE&orgId=1>

https://www-microboone.fnal.gov/at_work/beam/performance/beam.html

<http://ubdaq-prod-near2.fnal.gov/Pubs/RunStat.html>