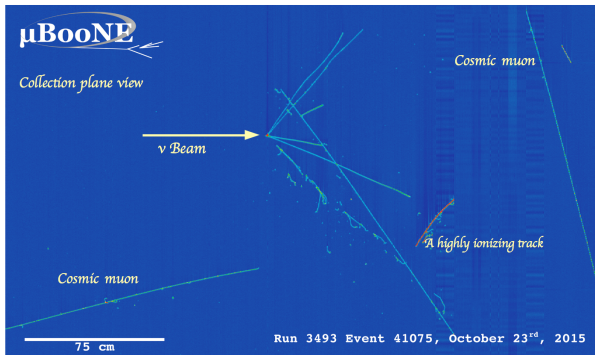
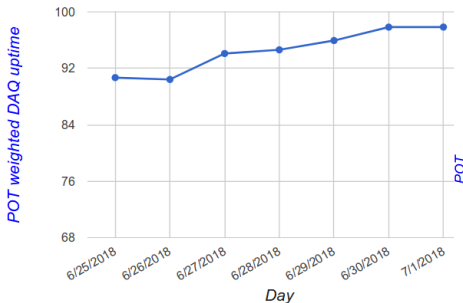


AEM July Meeting



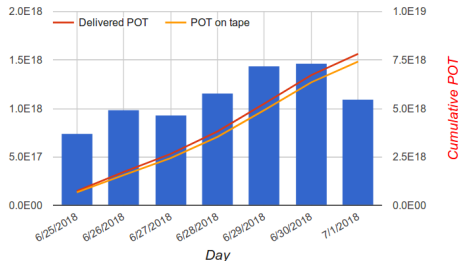
Afroditi Papadopolou
On behalf of the MicroBooNE Collaboration
July 2, 2018

POT weighted DAQ uptime (Week of 6/25/2018)

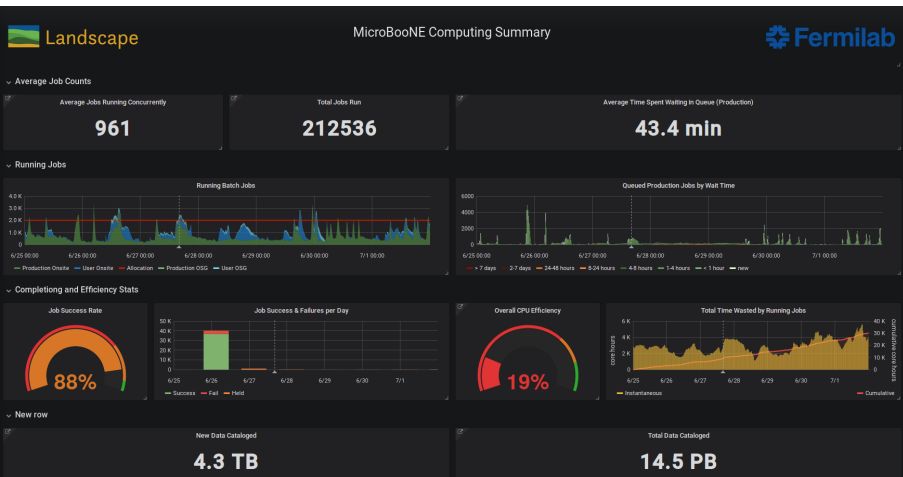


Week of	POT delivered (1e16)	POT on tape (1e16)
6/25/2018	781.38	741.94

POT (Week of 6/25/2018)



POT delivered this week: $0.78 \cdot 10^{19}$.
POT on tape this week: $0.74 \cdot 10^{19}$ (95%).
BNB uptime: 94%.



NuMI RWM timing

*Issue with NIM crate generating the signal.
Observed fluctuations in the arrival time of the NuMI
RWM signal which we use to monitor NuMI timing.
Now largely addressed.
Thanks to Jason St. John from AD.*

Instabilities in the TPC HV

*Experienced $< 0.05\%$ fluctuations, likely caused by
mechanical stress on the TPC HV feedthrough.
Generally occur when humidity levels are high.
No impact on data-quality.*

BNB horn temperature alarms

*When the BNB horn was off
during the weekend due to temperature alarms,
MicroBooNE continued taking NuMI and cosmic-ray data.*

External Trigger Rate

*Since Wednesday, and for the remainder of this run
period, we will take data with an external trigger rate of
7 Hz to improve our DAQ uptime.*

Run Coordinator

New Run Coordinator: David Caratelli (FNAL)
Deputy Run Coordinator: Pawel Guzowski (Manchester)

New Public Note

Study of ^{39}Ar beta decays.
MICROBOONE-NOTE-1050-PUB
Possible calibration source for the DUNE far detector.

Thank you!

Backup Slides