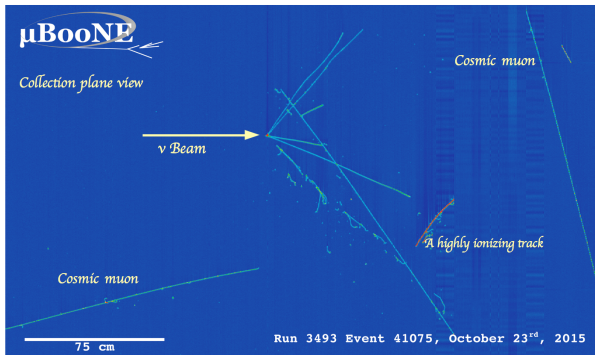
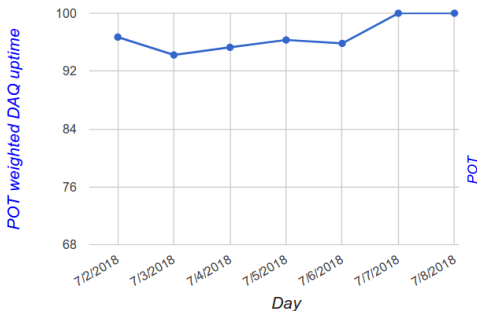


AEM July Meeting



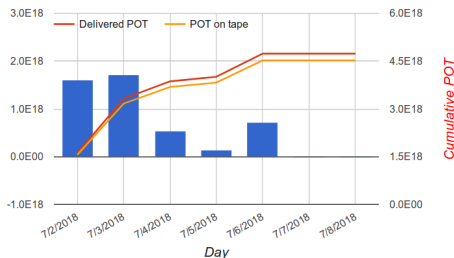
Afroditi Papadopolou
On behalf of the MicroBooNE Collaboration
July 9, 2018

POT weighted DAQ uptime (Week of 7/2/2018)



Week of	POT delivered (1e16)	POT on tape (1e16)
7/2/2018	473.22	451.95

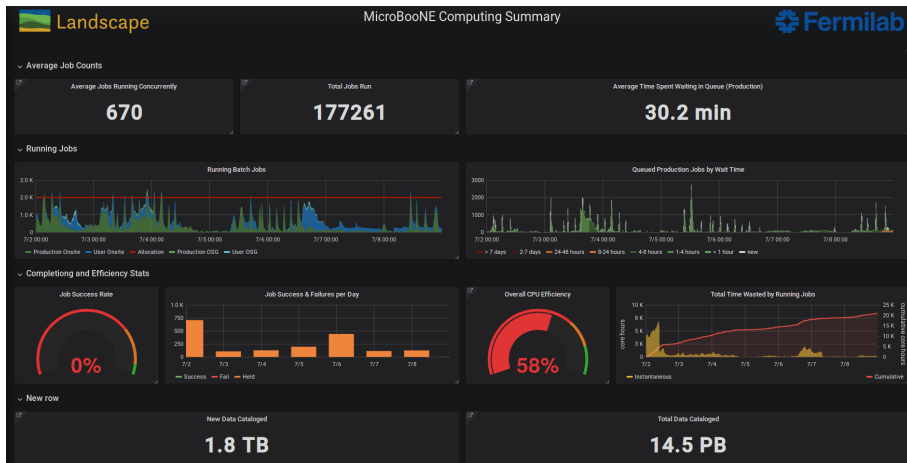
POT (Week of 7/2/2018)



POT delivered this week: $0.47 \cdot 10^{19}$.

POT on tape this week: $0.45 \cdot 10^{19}$ (95.5%).

BNB uptime: 52%.



*0% Job Success Rate: Opened ticket and SCD team is looking at it.
It seems a probe is not working properly.*

BNB Status

Due to high temperatures the BNB horn has been shut off several times in the past week for several hours at a time.

MicroBooNE kept taking NuMI and EXT data during these times.

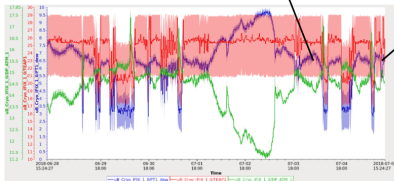
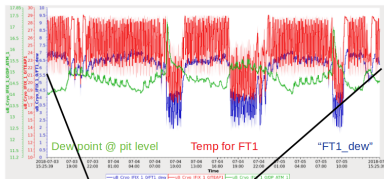
NuMI Timing

NuMI RWM timing seems to have stabilized. Successfully completed all beam-timing updates due to cable swaps, including monitoring adjustment, in time for the shutdown.

Dew Point Alarms

*Alarms on various FTs have gone below
~6 degrees Celsius all week.*

Variables:
IFIX_1_0_FTX_dew



These variables measure:

FTX temp – pit-level dew
point measurement

Current action: e-log alarms
when they occur.

Water Concentration CRT Panels

*Pawel Guzowski (Deputy Run Coordinator)
has been working with Carrie and Harry to remove
standing water from the CRT panels.*

Publications

*MicroBooNE's two signal processing papers were
published in back-to-back articles in JINST on Friday.*

DAQ Replacement

Two phases (mid July and August). Replace our servers which went out of warranty in April.

Laser Calibration Runs

End of July. They will help us map out the E-field in the detector, providing better position and energy calibration.

Thank you!

Backup Slides