

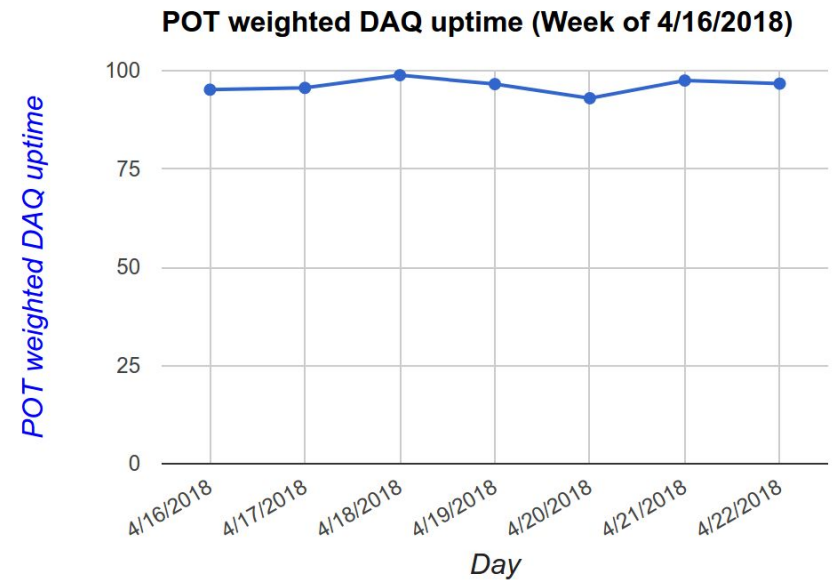
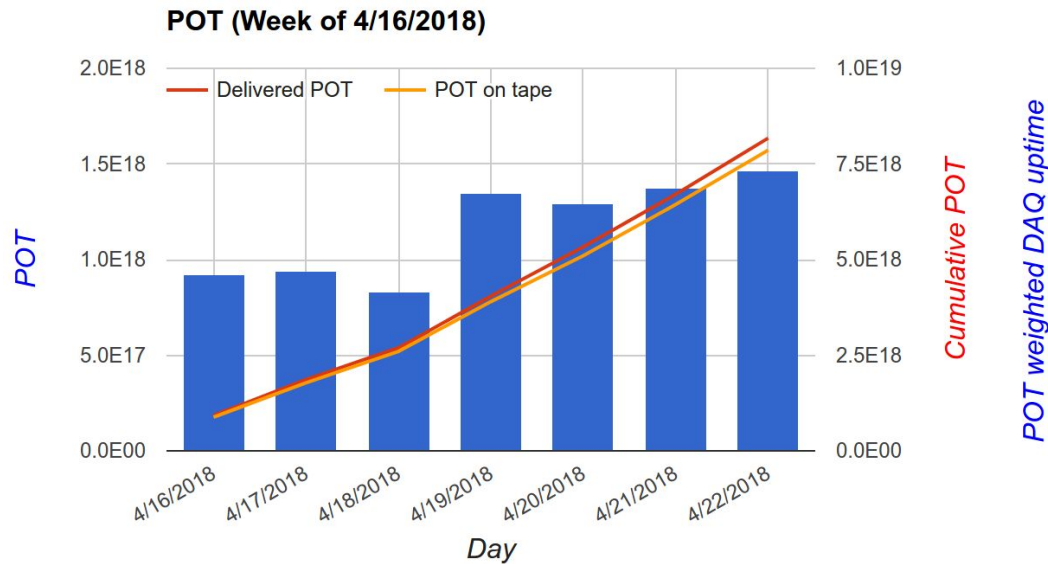
MicroBooNE Report

Katherine Woodruff
New Mexico State University
on behalf of the MicroBooNE Collaboration



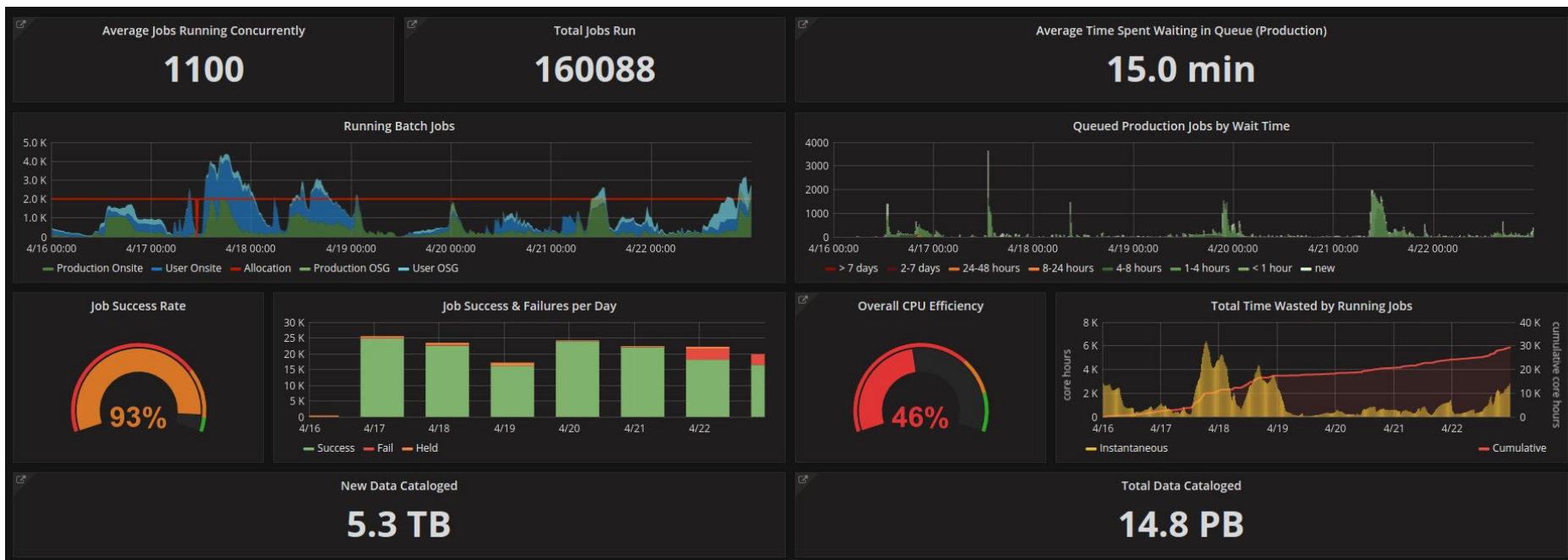
Fermilab All Experimenters' Meeting
April 23, 2018

Beam Statistics and DAQ Uptime



- Average DAQ uptime: 95%
- Average POT-weighted DAQ uptime: 96%
- POT delivered: 8.18×10^{18}
- POT on tape: 7.86×10^{18}

Computing Summary



- The drop in CPU efficiency is due to analyzers preparing for this week's MicroBooNE collaboration meeting

Weekly Summary

MicroBooNE is collecting data at a stable rate.

MicroBooNE collected background data during Wednesday's beam downtime:

- MicroBooNE continued running during the ~6 hour beam downtime
- The cosmic data is used in analyses for background subtraction

We have started planning for summer shutdown work:

- We will have initial discussion during this week's collaboration meeting

A new MicroBooNE paper on improved signal processing was posted in the arXiv:

- This is the our second signal processing paper
- It includes comparisons to MicroBooNE data
- [arXiv: 1804.02583](https://arxiv.org/abs/1804.02583)