

MicroBooNE Status Update

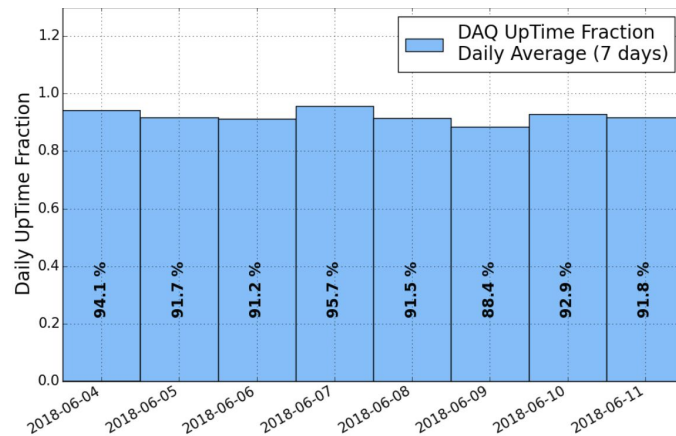
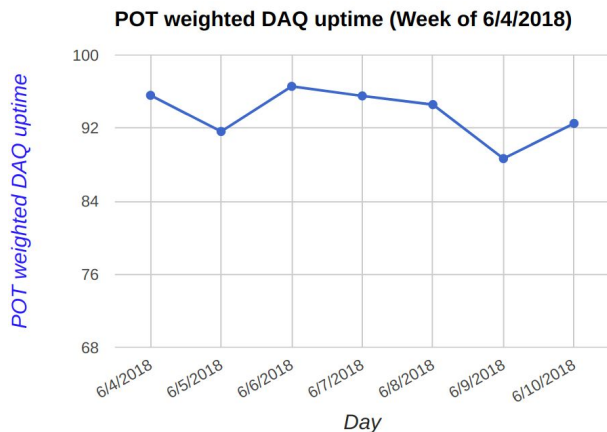
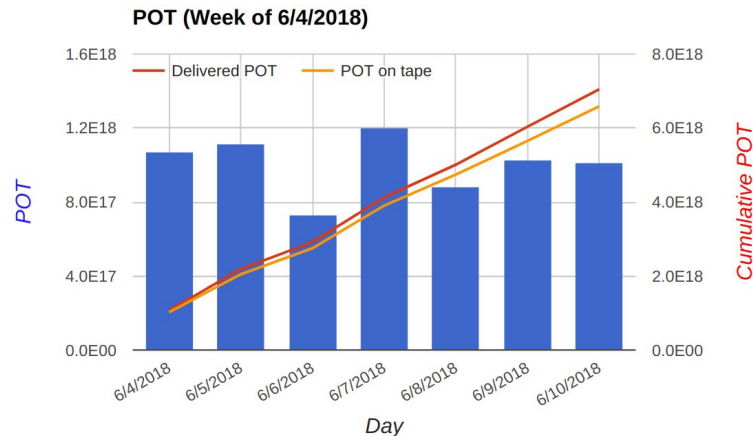
Andrew Mogan

All Experimenters' Meeting
6/11/18



DAQ Statistics

- POT delivered this week: 7.04E18
- POT on tape: 6.59E18 (93.6%)
- BNB uptime: 89%



Computing Summary



Updates

- Wednesday 6/6 beam downtime for ~5 hours
 - Used opportunity to perform maintenance on readout crates and performed special runs to measure/study sources of detector noise
- Summer shutdown
 - DAQ replacement to substitute out-of-warranty machines
 - Finalizing quote, should be ready by end of this week
 - New machines will be compatible with SBND/ICARUS and serve as spares
- Strong showing at Neutrino 2018
 - Talk by Roxanne Guenette
 - 12 posters

UPS Maintenance and Power Loss

- At 8:00 a.m. Friday, replaced front-panel of UPS damaged in sump-pump incident of 05/17
- ..but switching from line to UPS caused unexpected power glitch
- Detector was not able to take physics-quality data. Asked MCR to stop sending beam to BNB
- Experts responded quickly to bring the detector back up
- Resulted in ~4 hr downtime (beam back on ~1 p.m.)
- Special thanks to all the experts who helped restore the detector, along with Trevor Nichols, Mike Zuckerbrot, Cathrine Cipriano, and Frederick Schwarz (Cryo), Carrie McGivern (MicroBooNE ELO)