

MicroBooNE Status Update

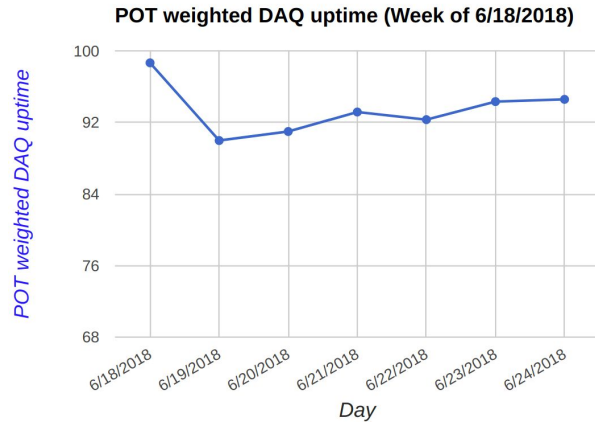
Andrew Mogan

All Experimenters' Meeting
6/25/18

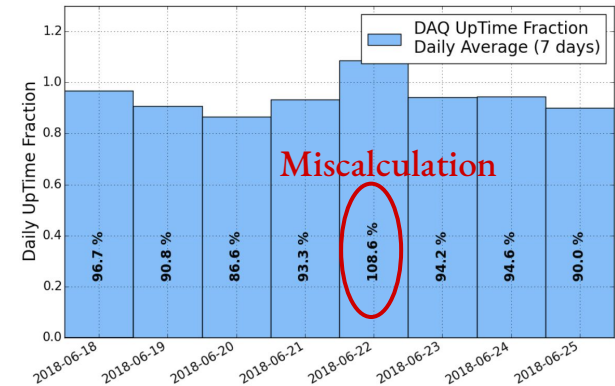
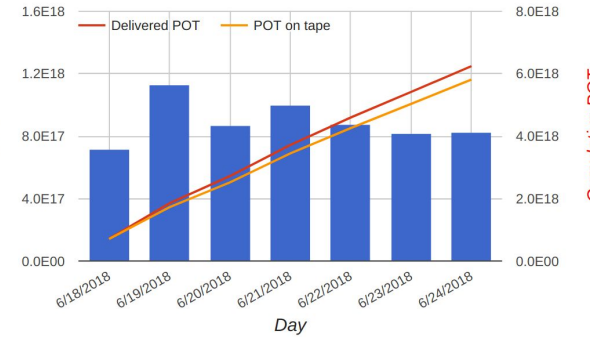


DAQ/POT Statistics

- POT delivered: 6.24E18
- On tape: 5.81E18 (93.1%)
- BNB uptime: 88.8%



POT (Week of 6/18/2018)



Computing Summary



Updates

- Beam downtimes: Monday 8 hours, Wednesday 3 hours
 - Took advantage of beam downtimes to perform DAQ/readout stability tests
- AC in the DAQ room went down for ~30 mins after regular maintenance; system promptly reset by technicians
- Switched to the new single mode fibers carrying BNB timing signals (BES and RWM)
 - Special thanks to Jason St. John, Steve Conlon, and Paul Bainbridge from Accelerator Division
- RWM issues in NuMI, narrowed down to discriminator unit at MI60; temporarily fixed by increasing threshold
 - Jason St. John and Tom Kobilarcik will double-check

Summer Shutdown

- Mid-July: new evb and RAID, installation of hardware by IMAC, schedule ORC, install OS, finish commissioning
- Requisition order for purchase of remaining machines placed; aiming for server delivery by end of July
- Laser calibration runs scheduled for end of July
- Cryo Maintenance beginning of August
- Mid-August: replace remaining DAQ machines
- Opportunistic cosmic ray data-taking with high trigger rate throughout the summer