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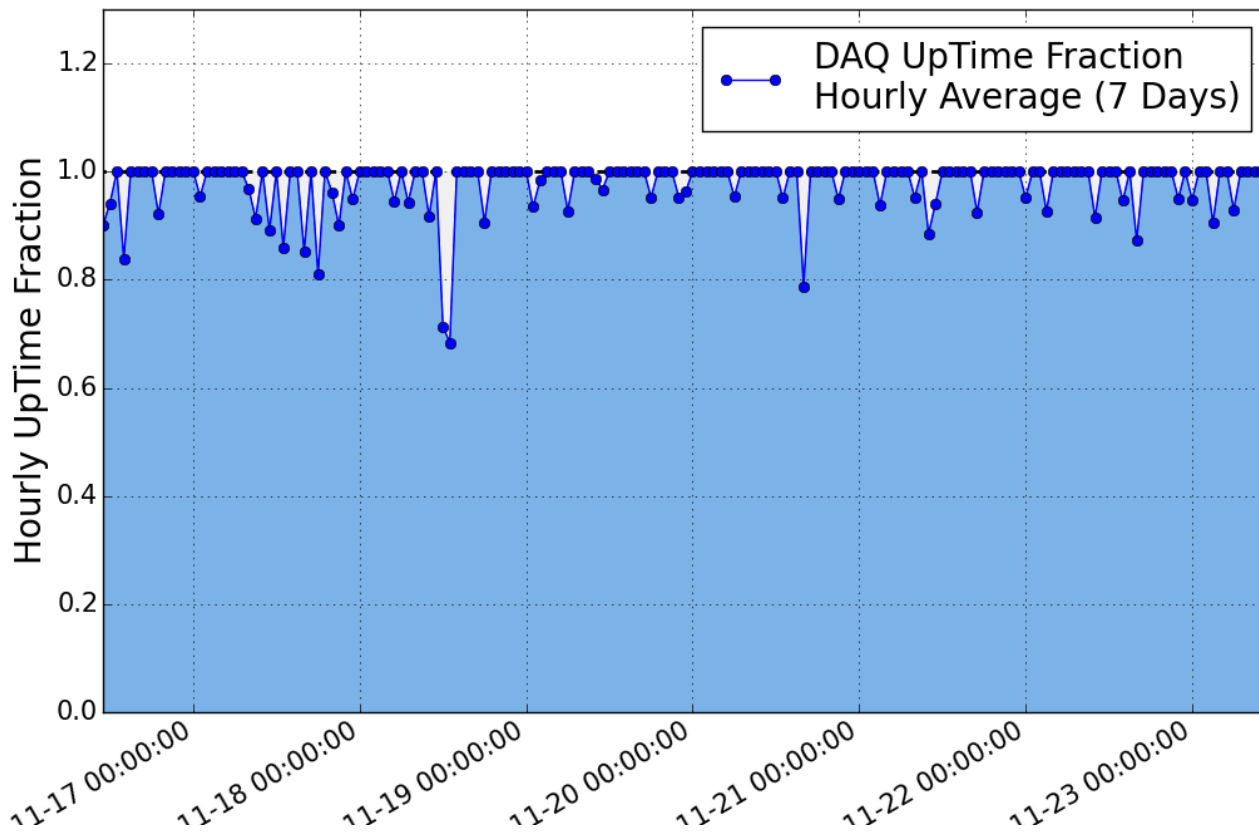
# MicroBooNE status

AEM

23<sup>rd</sup> Nov 2015

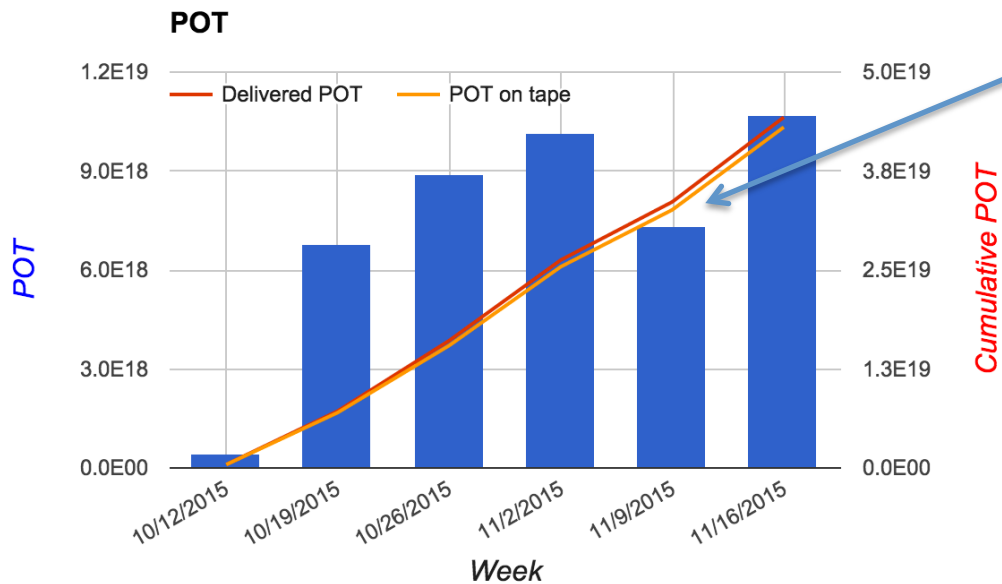
# DAQ uptime

- DAQ uptime very high
- Some downtime during HV ramp, and beam downtime

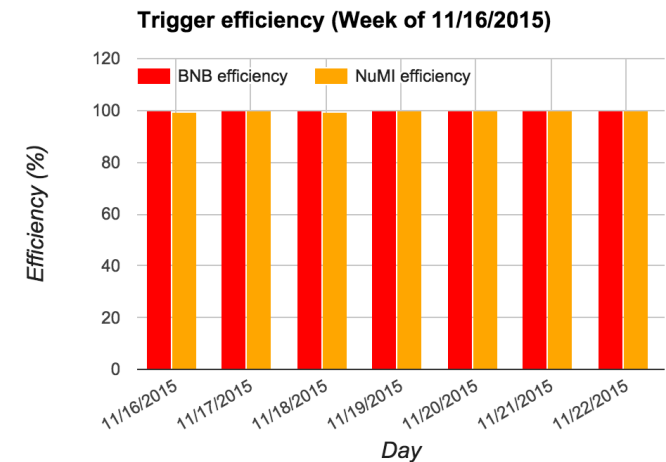


# POT and trigger efficiency

- BNB trigger efficiency stable at 99.8%
- NuMI trigger efficiency  $\sim 99.5\%$

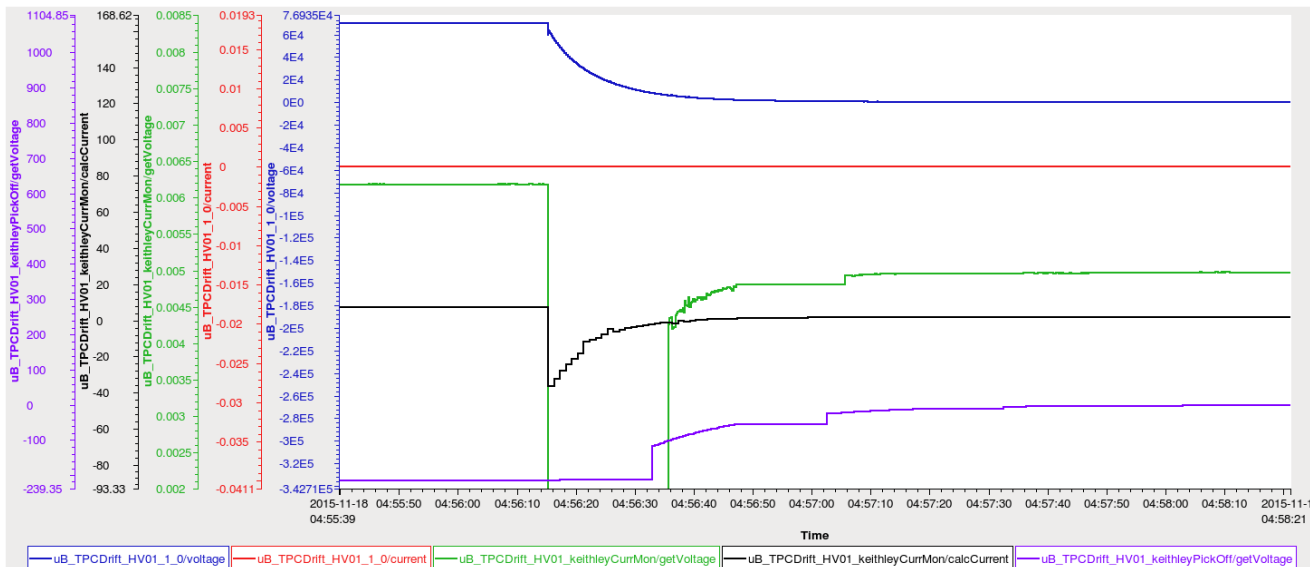


2 days down for MI access



# Power fluctuation

- On Wednesday there was a small power fluctuation (caused by bad weather) at ~5am
- Most of our systems stayed up with no problem
- One test-stand machine powered down
  - Not on a UPS, not used in production
- Our drift high voltage also experienced a trip
  - Brought back up by lunchtime the same day



# Avoiding further HV trips

- We don't want to have our HV trip every time we experience bad weather
  - We are in the mid-west, after all
- We are researching options to have our HV power on a **UPS system** to mitigate these concerns in the future
- We are also **developing our ramp procedure**
  - Currently takes **3-6 hours**, may be reduced in future

# Making use of downtime

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- While the HV was off, we used the time for additional studies
  - Beam intensity scans to calibrate BPM
  - May allow us to use BPM instead of toroid
  - Additional trigger/readout studies
- This is the cause of the large dips on slide 2!