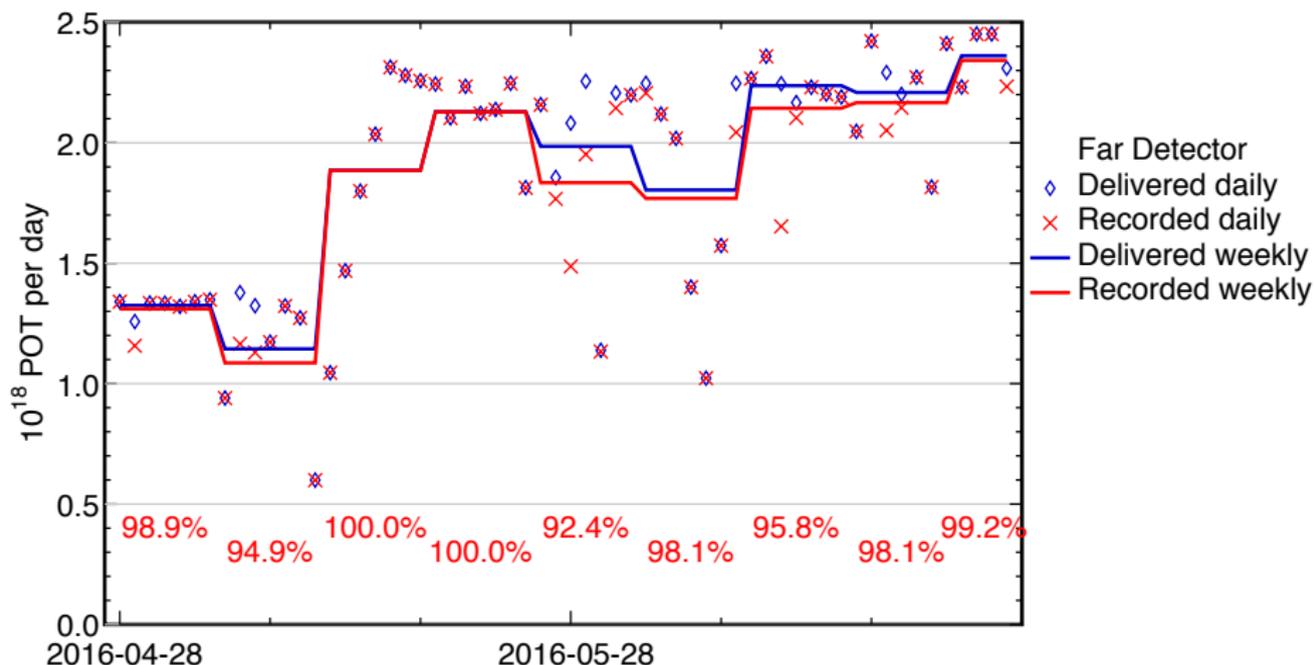


# NOvA Experiment Status

Jaroslav Zalesak

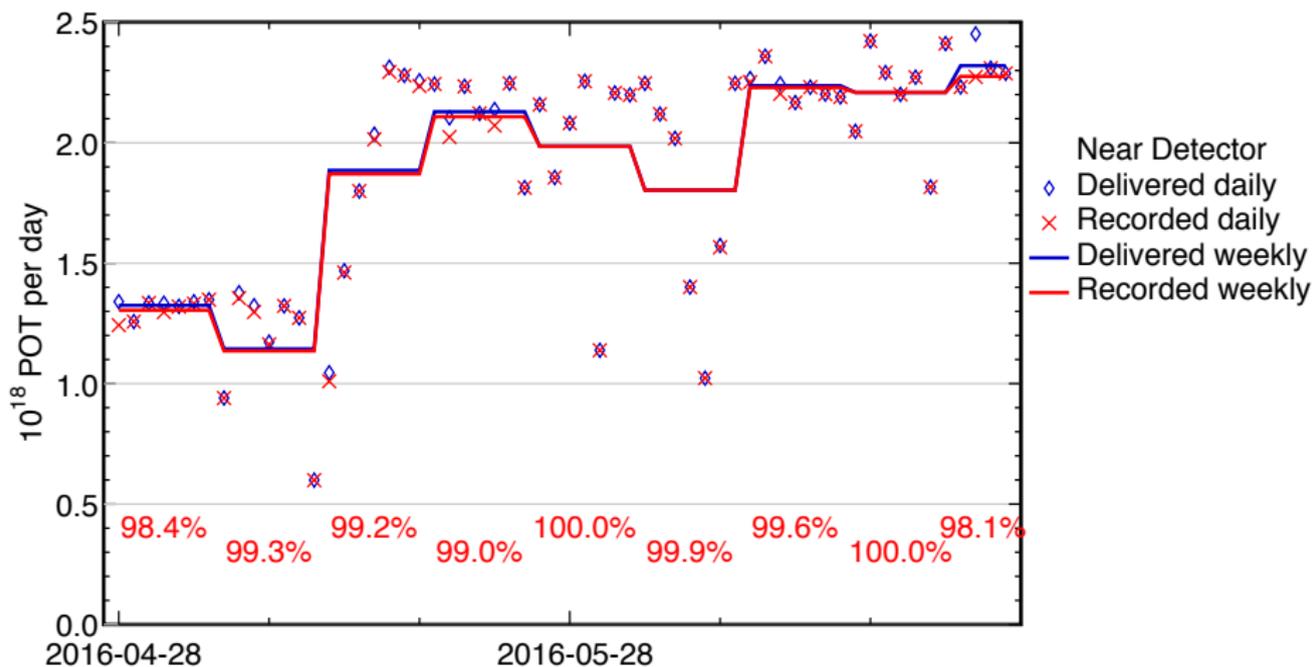
27 June 2016

# Far Detector Uptime



- Power glitch at the FD on Saturday.

# Near Detector Uptime



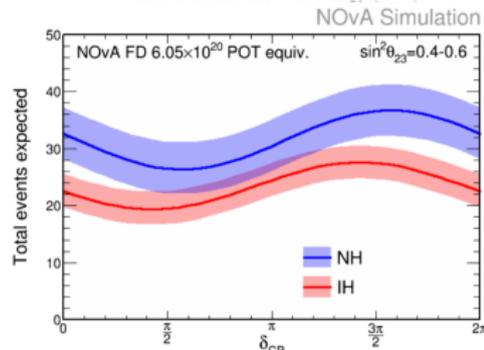
- Minor downtime on Friday due to known DAQ problems.

- Near detector HV off today, will be back on tomorrow.
- This will result in a reduction in APD noise, improving our anti-neutrino data taking.
- Delaying hardware swaps until the summer shutdown so that the ND can be up tomorrow for the horn current scan. HV must be on well ahead of the scan to reduce the short-term noise associated with having been powered off.

- Finalizing results for Neutrino 2016 in London
  - Talk on first day of conference, July 4th
  - 9 posters to be presented by students and post-docs
  - Muon neutrino disappearance results and electron neutrino appearance results updated from  $2.74E20$  POT to  $6.05E20$  POT
  - First Neutral Current rate measurement with far detector

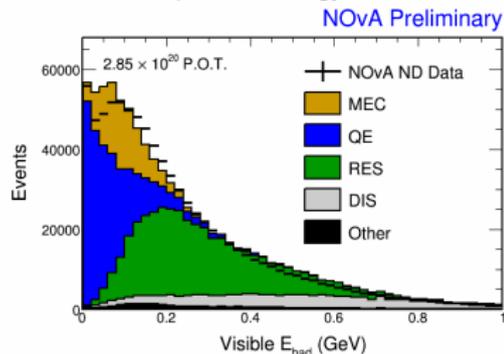
## Electron neutrino appearance

More efficient PID



## Muon neutrino disappearance

Improved energy scale



- Successful analysis on the OSG runs.
- Otherwise a very typical week.

