

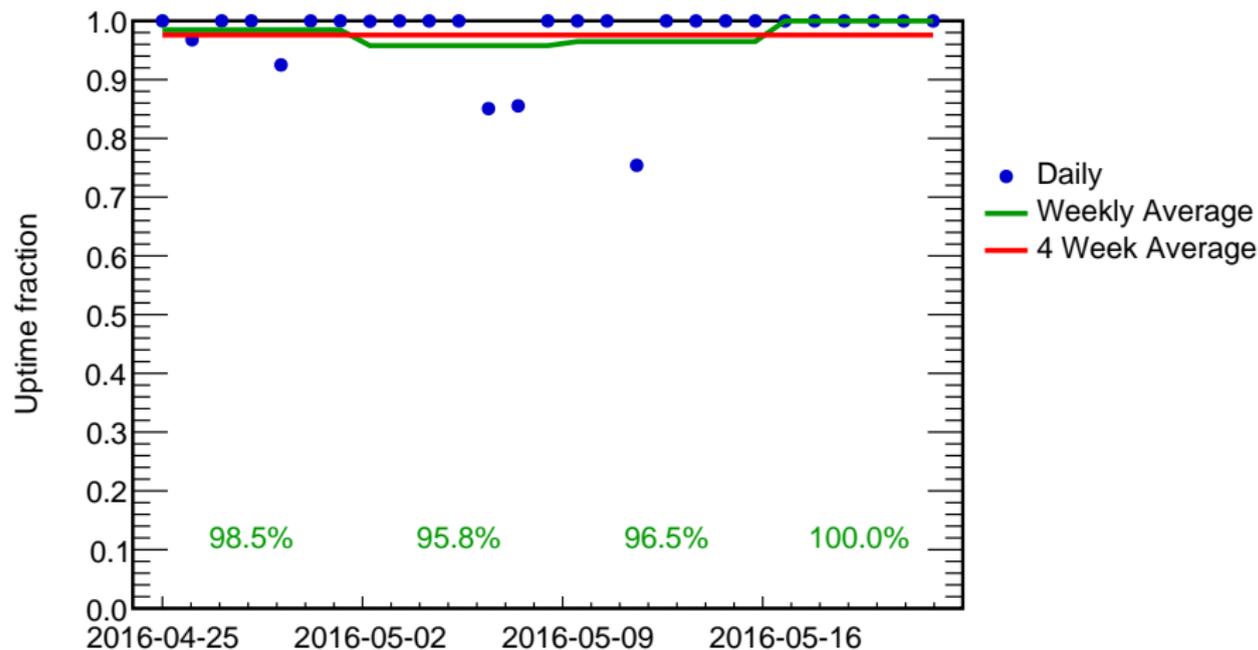
NOvA Experiment Status

Matthew Strait

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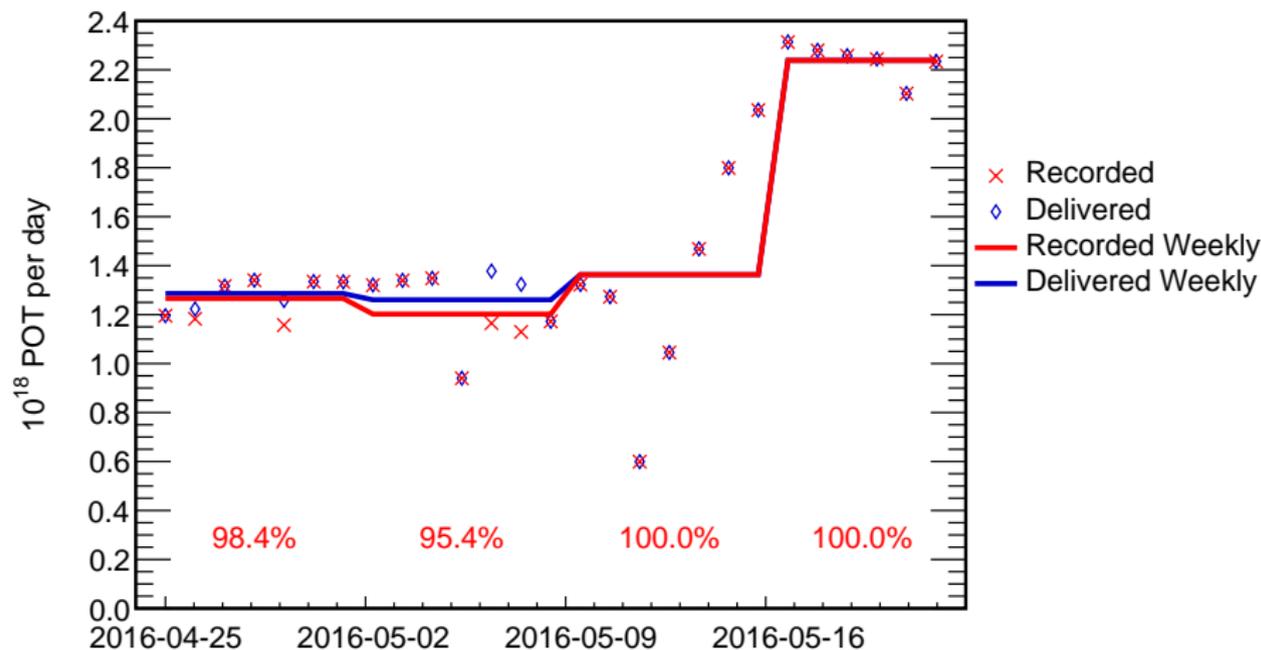
23 May 2016

Far Detector



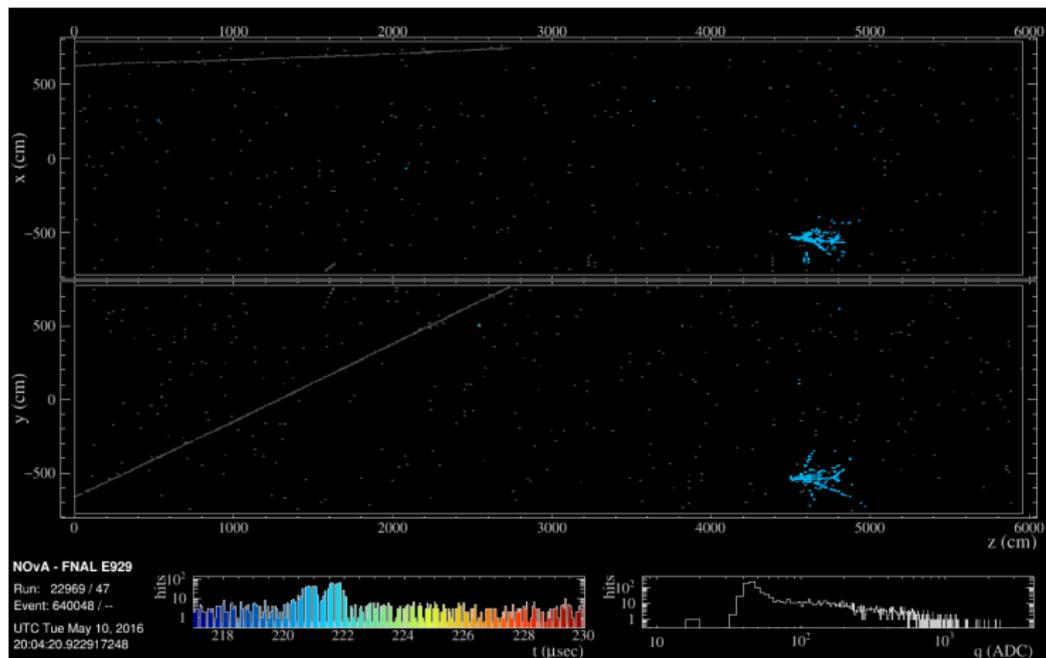
● 100% uptime this week!

FD POT-weighted Uptime



- Two weeks of 100% beam-uptime!

New FD neutrino candidate: May 10



- Blinded selection — does not use our PIDs or detailed selection criteria
- Just grabs contained vertices with forward-going prongs
- Selection also looks at higher energy events than our normal selectors

- Mostly smooth running. One run control crash on Friday.
- Have been running a successful daily test of the SNEWS trigger with 32 second read-out since May 13.
- Had a DAQ expert training session last week and have plans for another this Wednesday, and every Wednesday through June.
- We have been approved for 4×10^{18} POT of anti-neutrino running in July.
- Will likely not train during anti-neutrino running.