

# NOvA Experiment Status

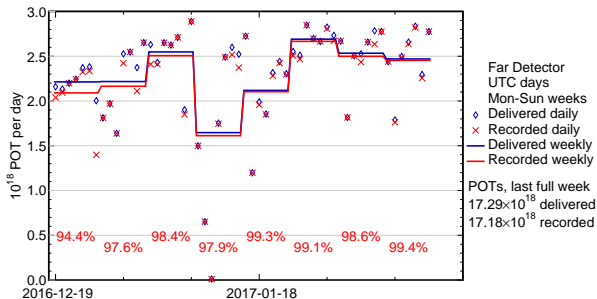
Matthew Strait

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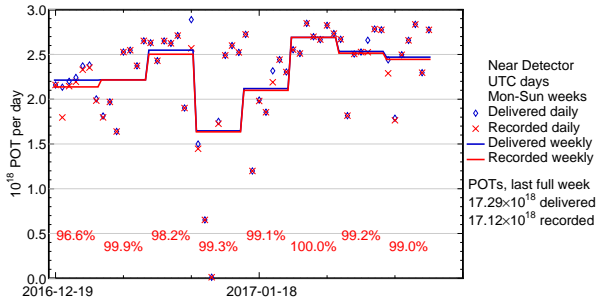
13 February 2017

# DAQ Status and Uptime

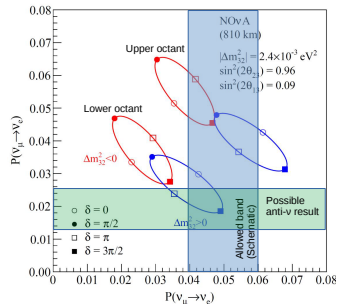
- Both detectors running well
- Far: 98.2% POT-weighted uptime over last 8 weeks.



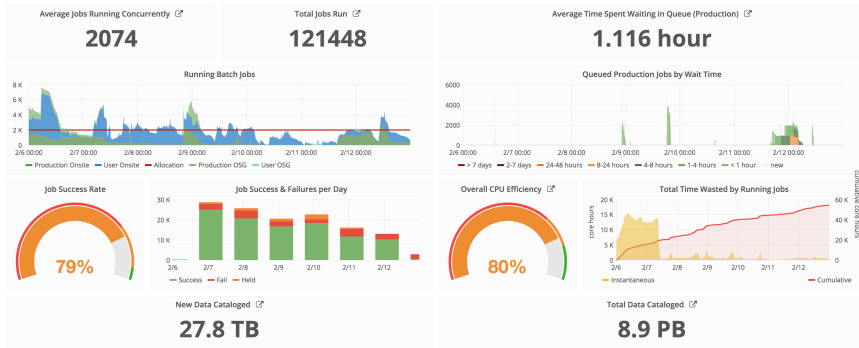
- Near: 98.9% POT-weighted uptime over last 8 weeks.



- Have collected nearly  $9 \times 10^{20}$  POT in neutrino mode (14 kt equivalent)
- In light of the shutdown schedule, we would like to switch to anti-neutrino mode as soon as operationally possible
- Will strengthen the statement we will be able to make about the mass hierarchy at Neutrino 2018
- We have let the stakeholders (MINERvA, AD, Program Planning) know of this decision



## Last Week



- Lots of user analysis jobs in preparation for the collaboration meeting last week.
- Large number of small test samples from production to continue the validation of the new simulation.
- We anticipate the full production campaign beginning in 1-2 weeks, starting with near detector data.