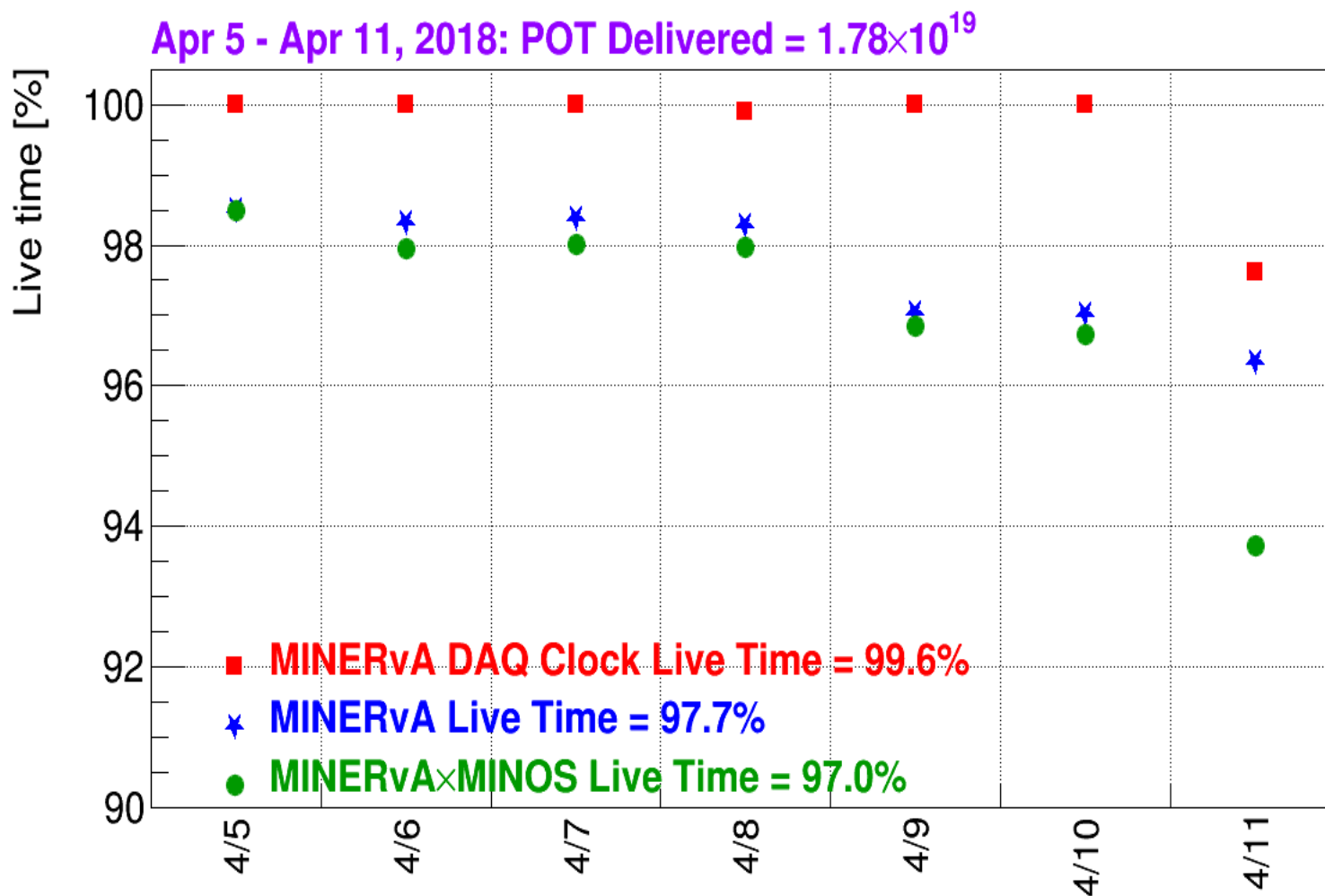


The MINERvA Operations Report All Experimenters Meeting

Howard Budd, University of Rochester
Apr 16, 2018



v Data



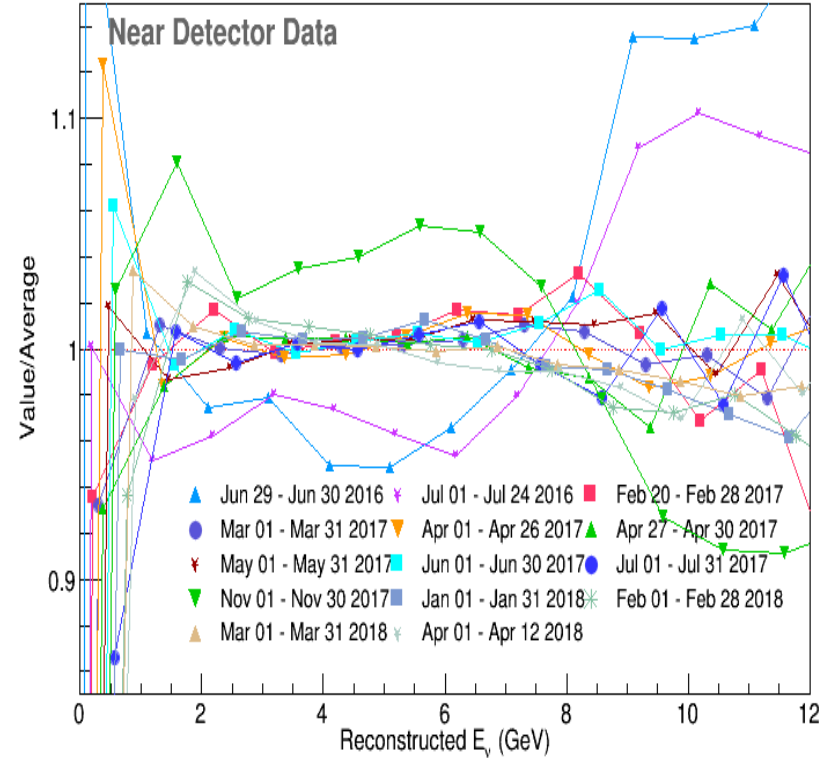
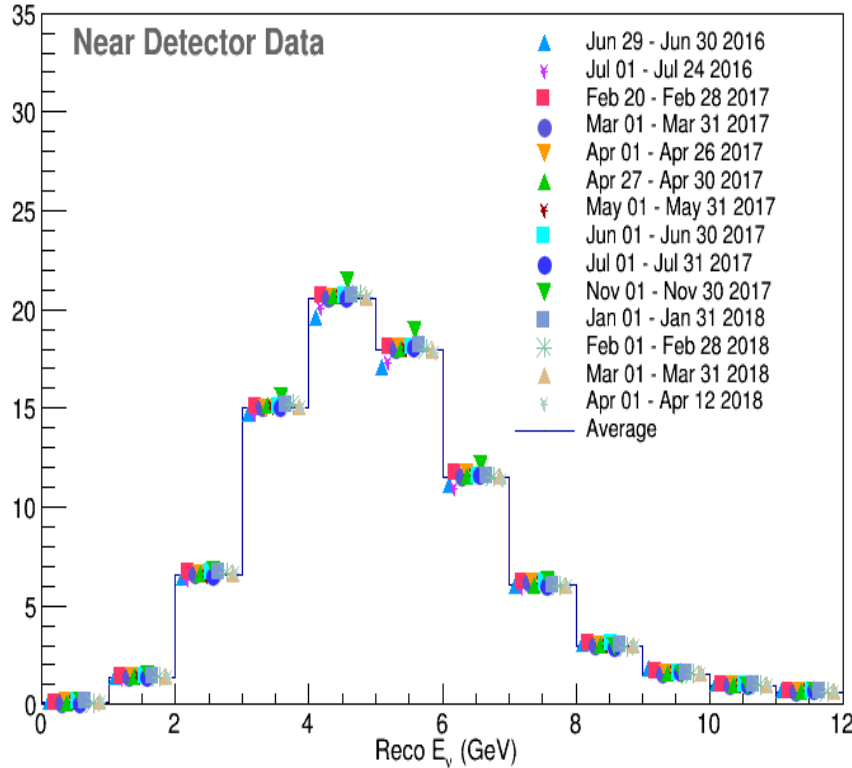


Anti- ν Energy Spectrum



Anti-Neutrino Energy Spectrum Stability (PQ and NQ)

RatioPlot_all



- Energy Spectrum Stability, at:
 - <http://minos.fnal.gov/DataQuality/>
 - Labeled “Energy spectrum” & “Energy Ratio”
- Water to the DS hanger was turned off Mar 20 2018. Feb & Apr look same

Apr 9-15

Average Jobs Running Concurrently

2649

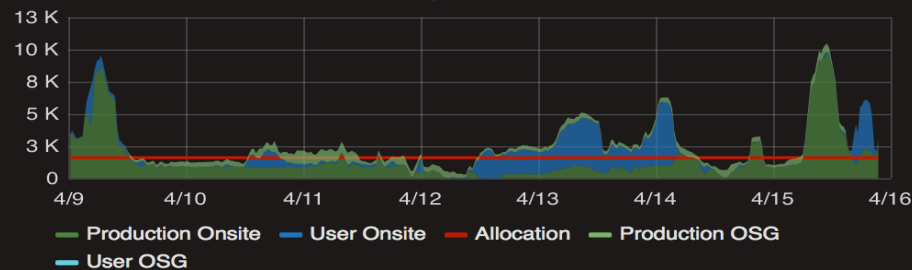
Total Jobs Run

502905

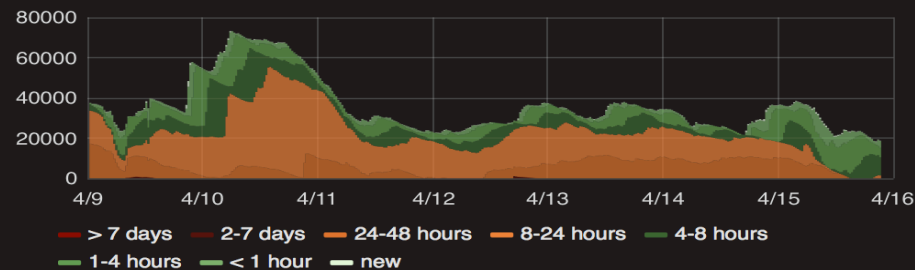
Average Time Spent Waiting in Queue (Production)

19.13 hour

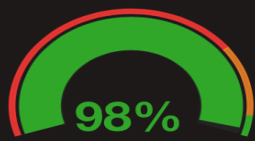
Running Batch Jobs



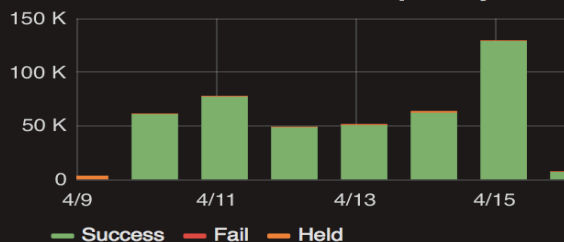
Queued Production Jobs by Wait Time



Job Success Rate



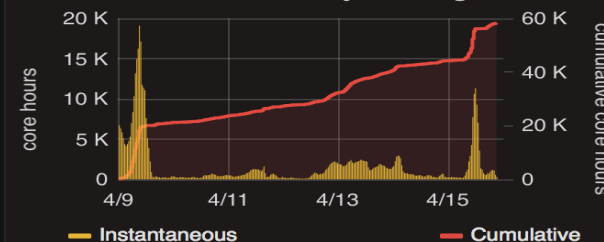
Job Success & Failures per Day



Overall CPU Efficiency



Total Time Wasted by Running Jobs



New Data Cataloged

1.9 TB

Total Data Cataloged

2.2 PB

- Average concurrent jobs are higher than quota, ~1600, due to production job.
- Job success rate is good.
- Overall CPU efficiency is 57%
 - Inefficiency is mostly due to GENIE stage (generator) in the production job.