The MINERνA Operations Report
All Experimenters Meeting

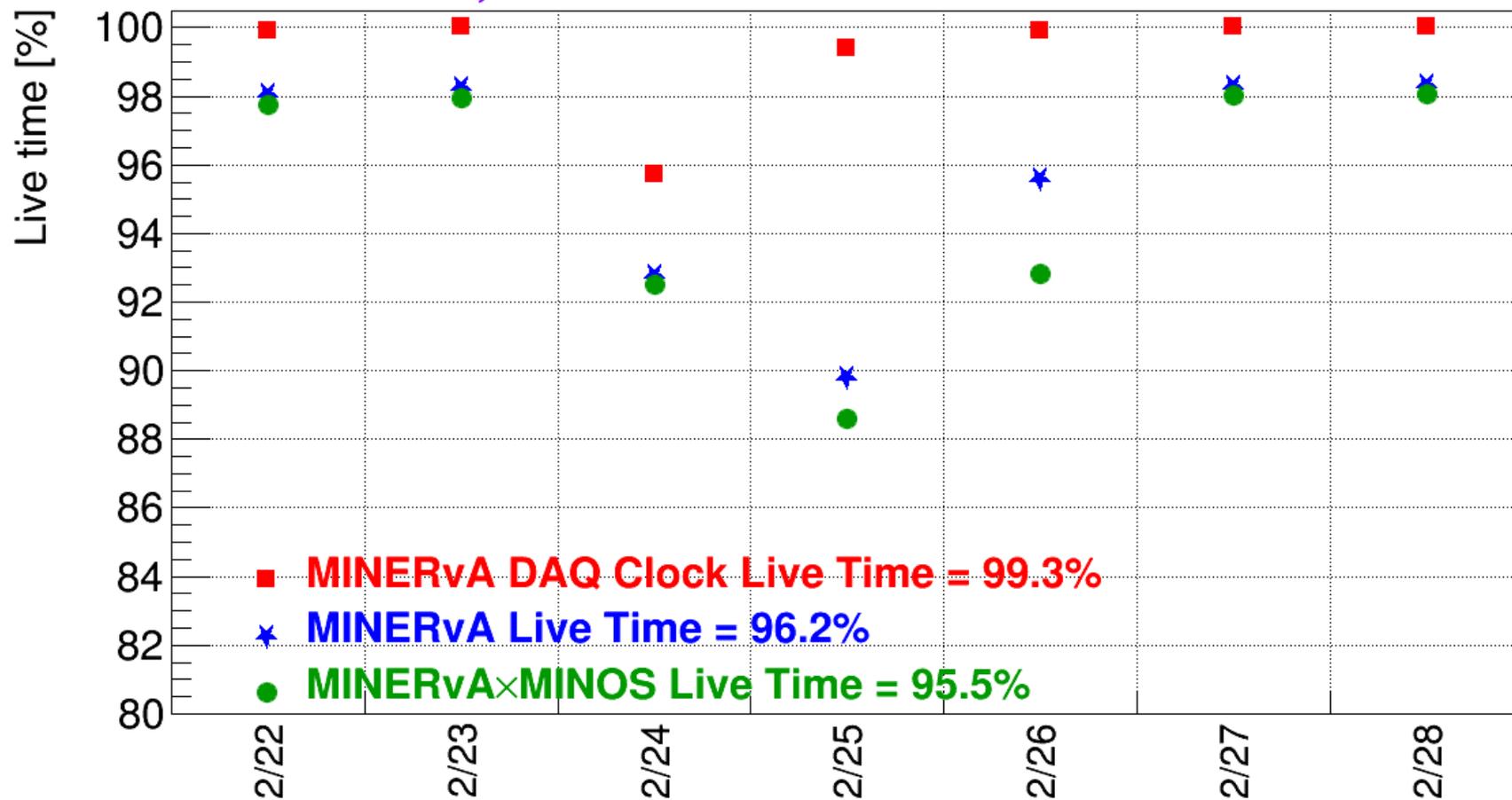Howard Budd, University of Rochester

Mar 05, 2018
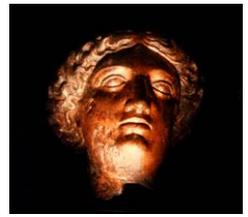
ν Data

Feb 22 - Feb 28, 2018: POT Delivered = 1.75×10^{19}

- ■ MINERvA DAQ Clock Live Time = 99.3%
- ✦ MINERvA Live Time = 96.2%
- ● MINERvA×MINOS Live Time = 95.5%

ν Data

- Feb 24, 92.8% MINERvA live
  - Hardware errors on one of the chains stopped the DAQ twice
- Feb 25, 89.8% MINERvA live
  - This was the day of the power outage.
  - We were in LI mode when beam came back at 21:30. We switched to beam mode at 23:00, so we lost ~ 1.5 hours of beam while the accelerator was coming up.
- Feb 26, 95.6% MINERvA live
  - A couple of files were not processed.

MINERvA Computing Summary

Feb 26 - Mar 4
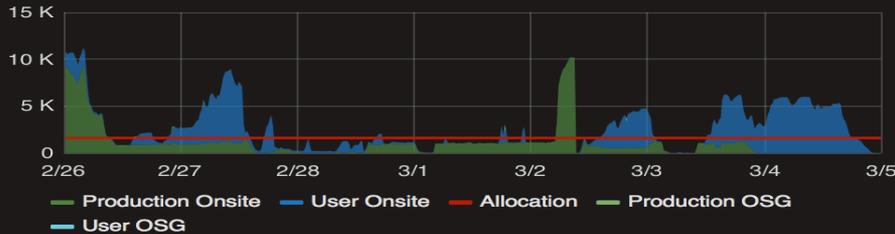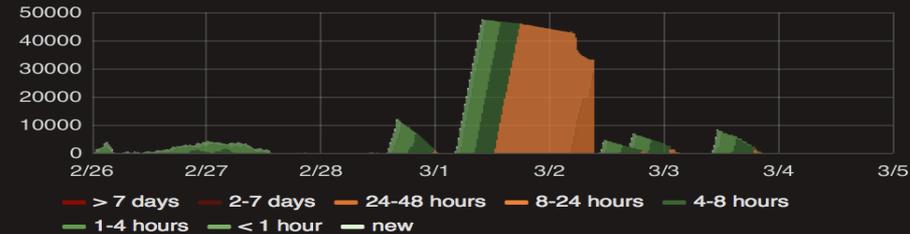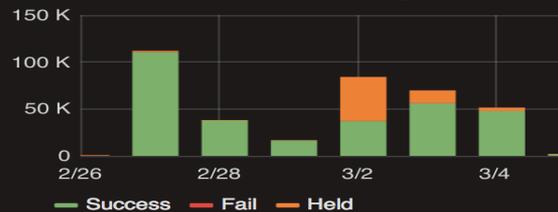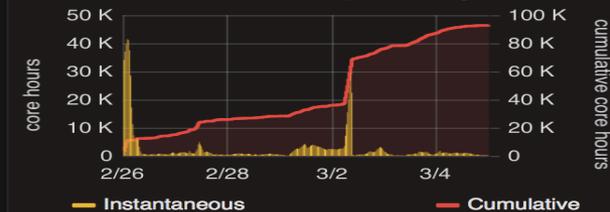
- Average concurrent jobs are higher than quota (~1600) due to production job
- Job success rate and CPU efficiency are low due to the production job
  - Start using /pnfs/minerva/persistent/stash area to improve the workflow of many input files, but the change made efficiency worse. We are investigating with SCD now. Due to this problem, we held off the running the generator job.

4