

The MINERvA Operations Report

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for the MINERvA Collaboration

All Experimenters Meeting

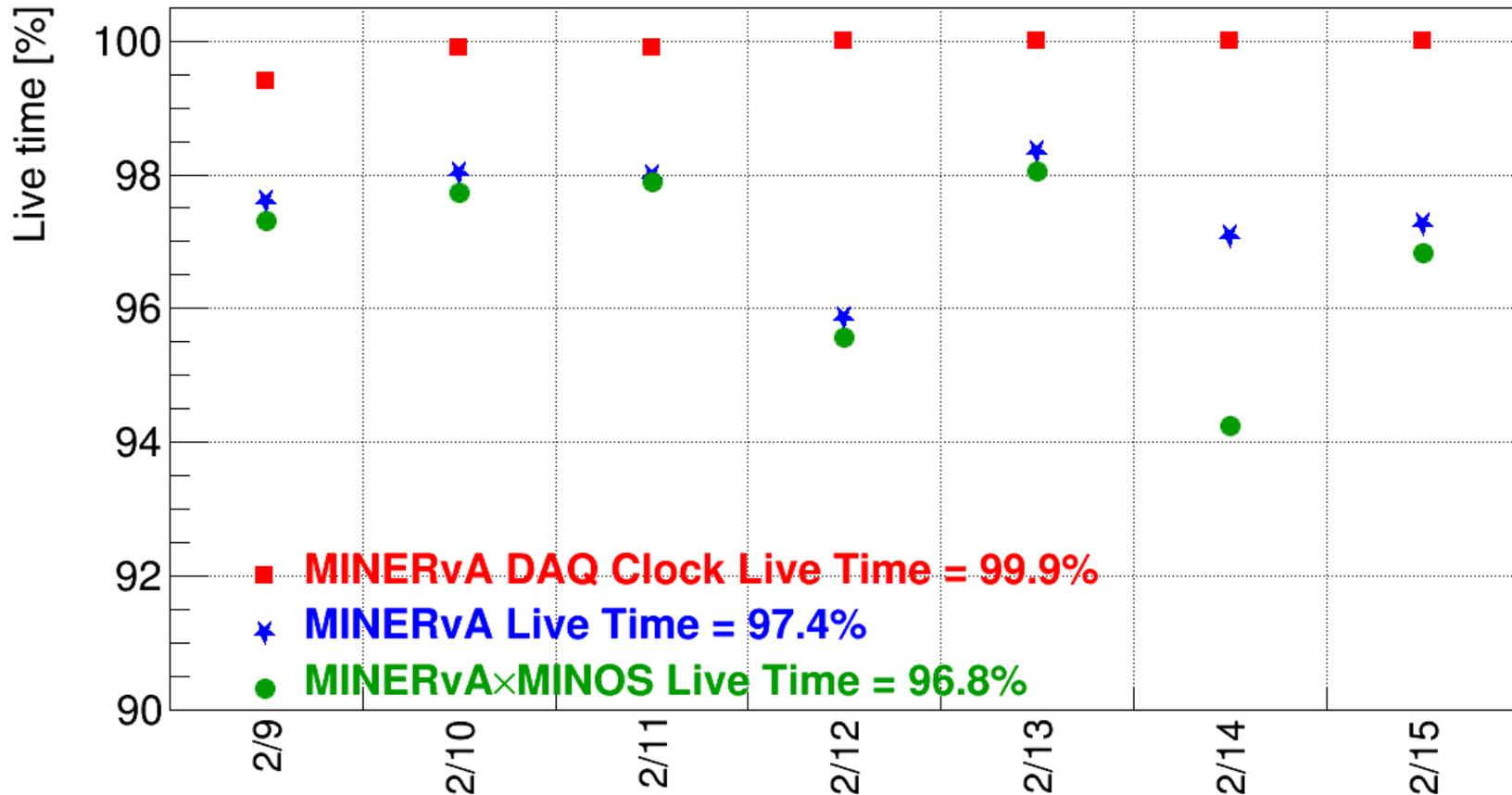
20 February 2017



Live Time and Data



Feb 9 - Feb 15, 2017: POT Delivered = 1.73×10^{19}



- DAQ and detectors were stable for the week.
- Few files failed to process and the lowered the efficiencies on 12th and 14th. We are working on it.

Computing



MINERvA Computing Summary



Average Jobs Running Concurrently

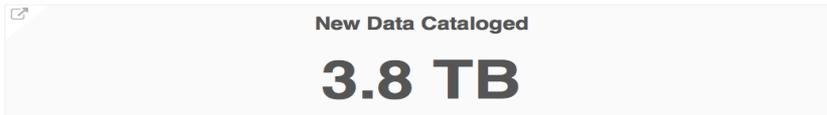
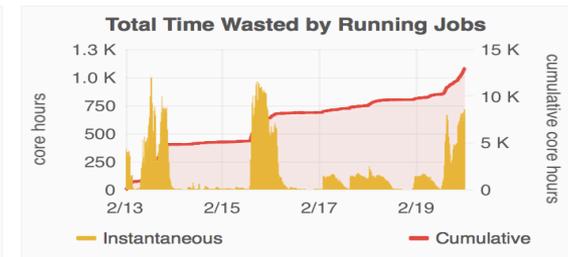
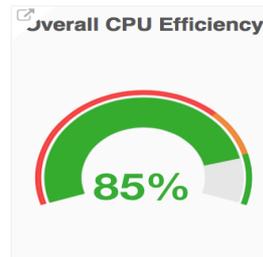
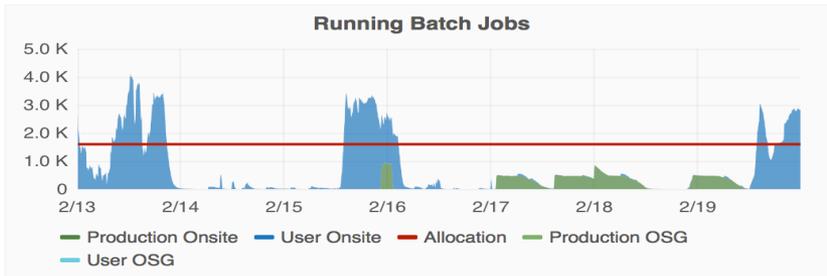
793

Total Jobs Run

116582

Average Time Spent Waiting in Queue (Production)

10.6 min



- Average concurrent jobs are lower than quota
- Job Success rate is very good
- Overall CPU Efficiency is good

Period 02/13 - 02/19, 2017



Backup

MINERvA MINOS DAQ Time Mismatch



In Aug 2016 a typo in the MINERvA DAQ IP address on the NTP Timing Server caused the time for the MINERvA DAQ machine to determine it's time using a random server rather than from the MINOS DAQ machine

Over the next 5 months the MINERvA DAQ machine fell ~3 seconds behind the MINOS DAQ machine

- We already fixed the issue and added the changes are implemented on the SALM group puppet for any future changes
- Started monitoring the time difference between MINOS and MINERvA DAQ clock for each subrun and live.

(Minerva DAQ - beam) time difference

