

The MINERvA Operations Report

All Experimenters Meeting

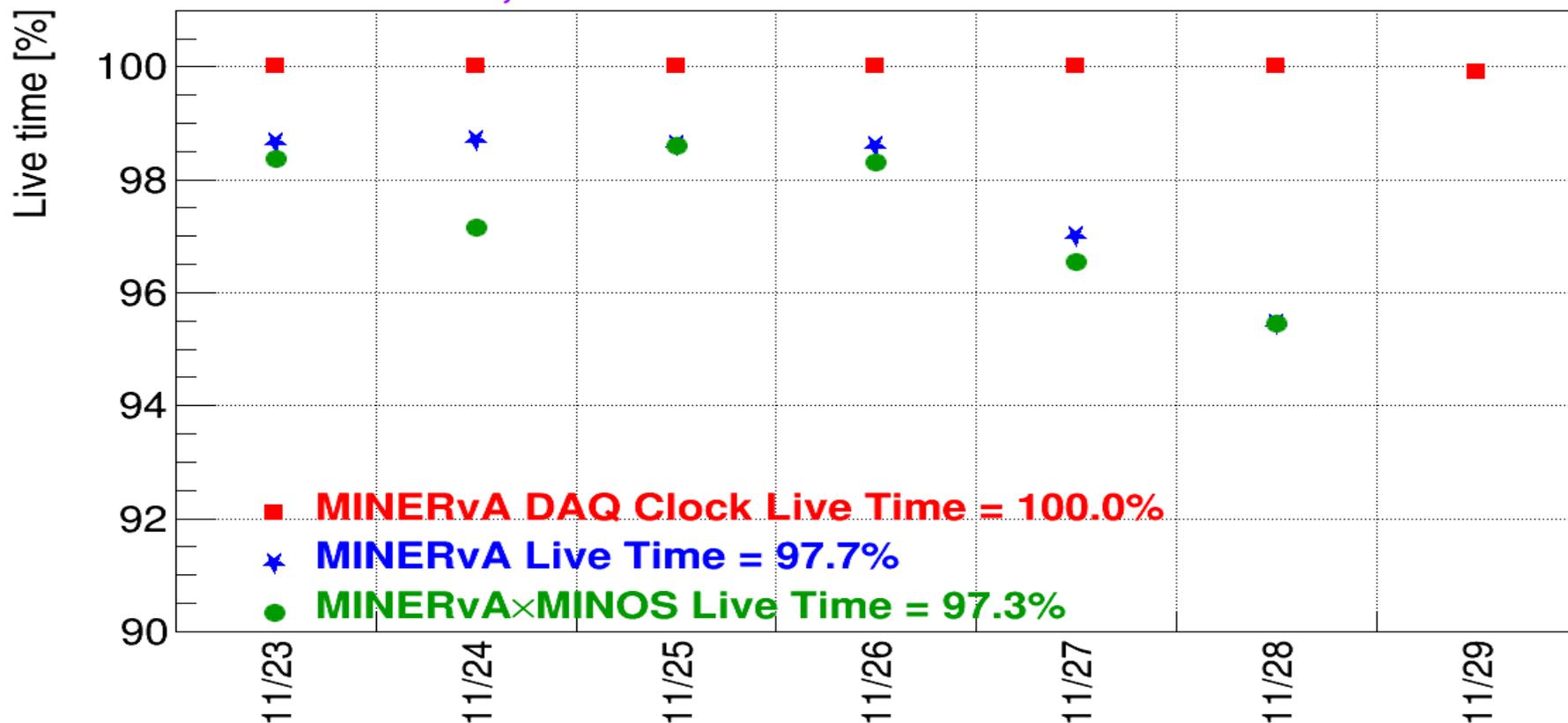
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Dec 4, 2017



ν Data



Nov 23 - Nov 29, 2017: POT Delivered = 0.68×10^{19}



- Nov 28 95.5% MINERvA live
 - Not all files processed

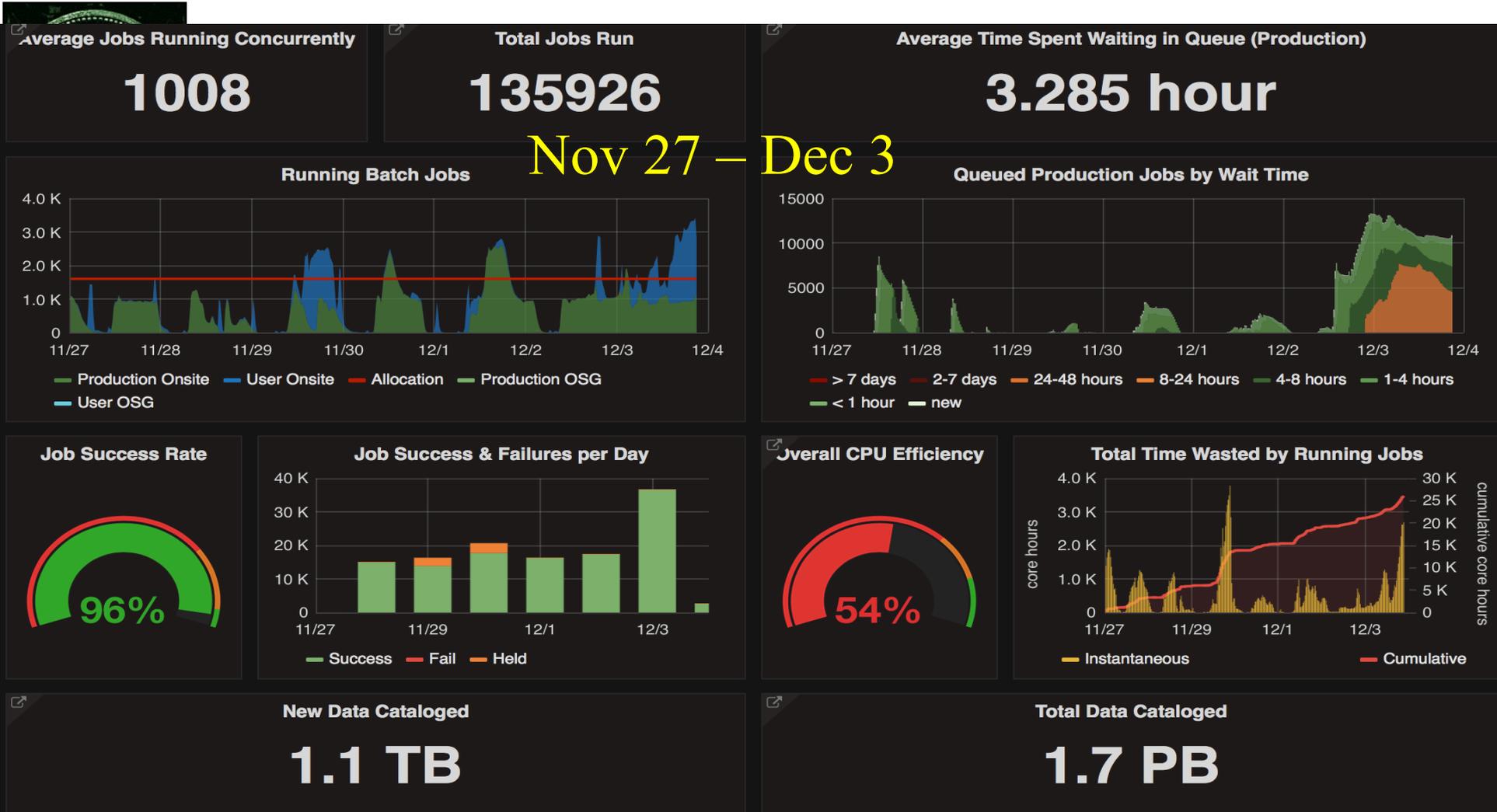


MINOS DAQ Problem

Outside our Reporting Time



- Since evening of Nov 29, the MINOS DAQ has been stopping.
 - It has done it ~ 30 times.
 - In general, it takes ~ 20 minutes to recover from a DAQ stop.
- On Nov 30, we replaced a bad board which had noise problems, but that did not fix the DAQ stopping problem.
- Neither the online information nor the DAQ logs tells us which component is causing the problem.
- We continue to investigate the problem.
- We thank Donatella Torretta, Steve Hahn, & Bill Baggett of ND for help on trying to solve this problem.



- Average concurrent jobs are lower than quota (~1000)
- Job success rate is very good (98%)
- Overall CPU efficiency is low (54%) due to the production jobs on Nov. 27 & 28. The reason was not clear. Late Nov 28th the efficiency was high without any action.
- An analyzer job created lot of unnecessary queries, which slows down SAM. The analyzer updated a production script to fix an issue and that created the problem.