The MINERνA Operations Report
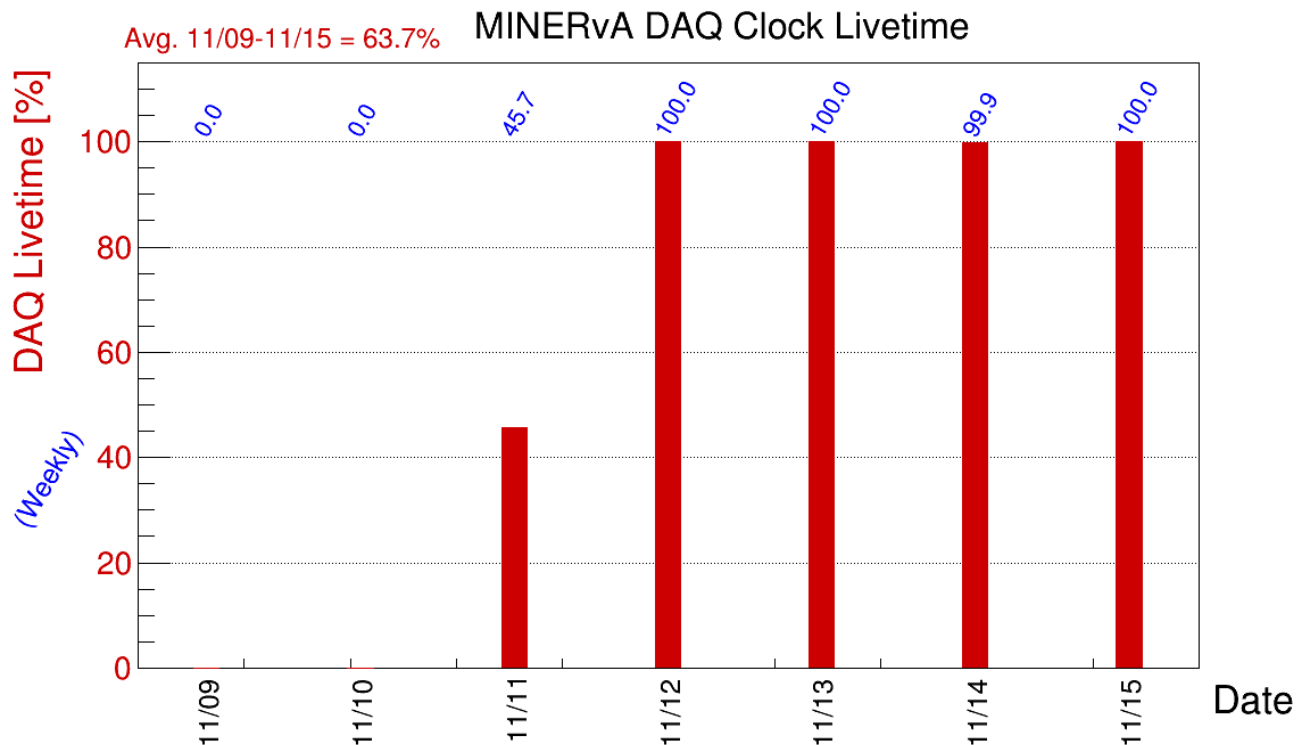# All Experimenters Meeting

Howard Budd, University of Rochester
Nov 20, 2017

MINERvA DAQ Live Time

MINERvA DAQ Clock Livetime

Avg. 11/09-11/15 = 63.7%

- 100% live for MINERvA since Nov 12 2017
  - There have been no issues.   c
  - Before that we were testing mnvonline05, the spare DAQ.
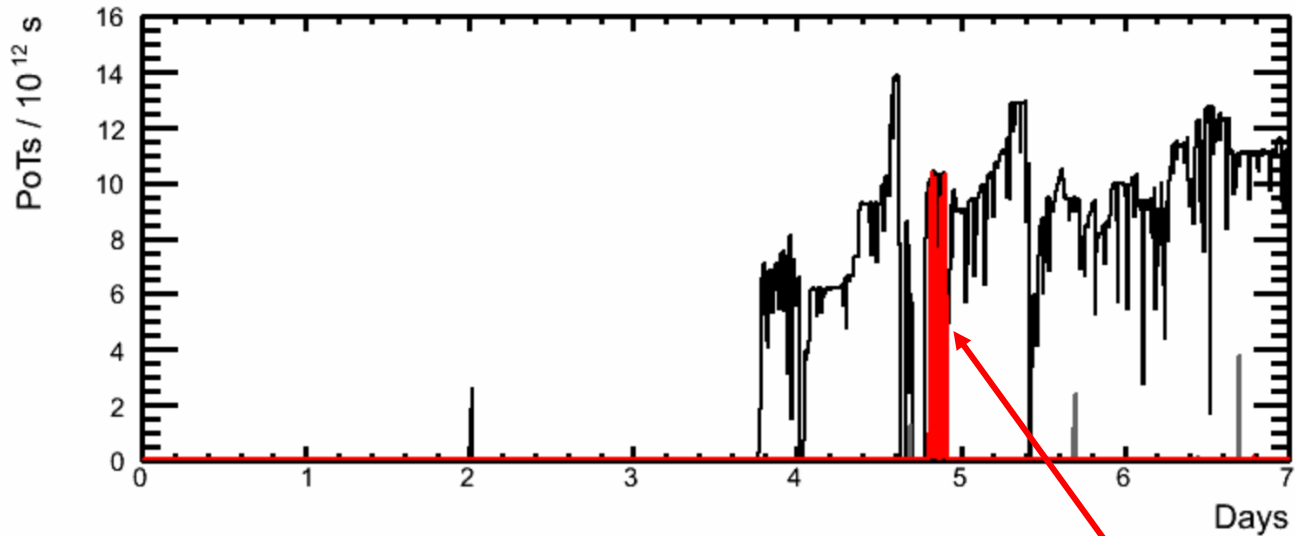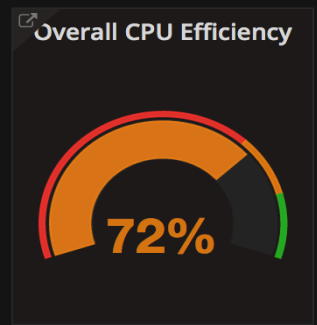- Next week we will show POT live times.
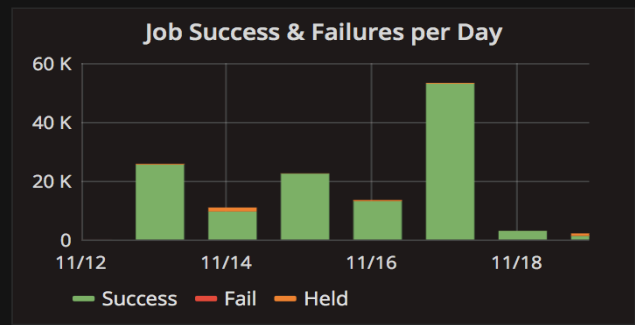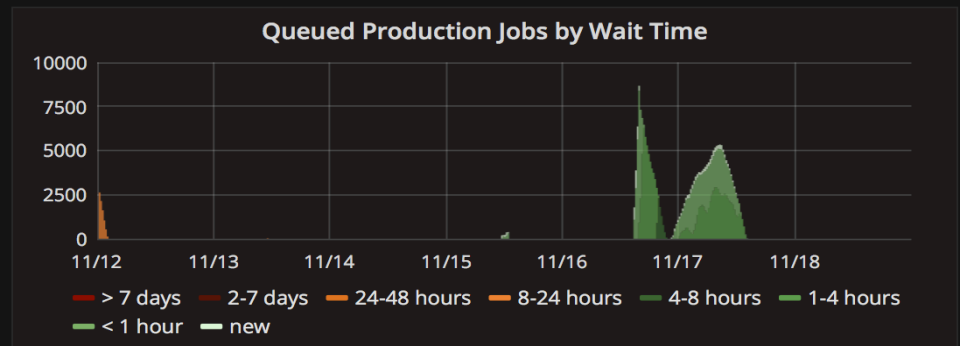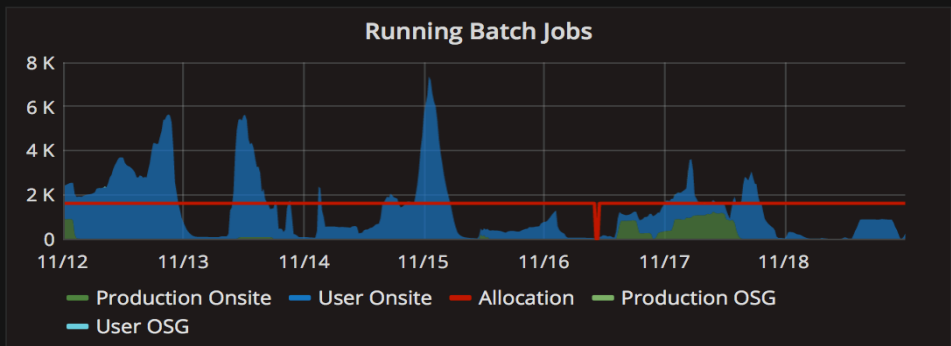
MINOS

UTC Time

- MINOS Data Validation Plot, which MINOS used to calculate live time
  - Nov 13 – 19.
- MINOS POT live time = 99.8%,
- Good physics data = 97.2%, lower due to "bad beam", target scans
- 1 MINDER board with 1 bad channel is the only issue.

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Average Jobs Running Concurrently	Total Jobs Run	Average Time Spent Waiting in Queue (Production)
1352	**141639**	**10.47 hour**

Nov 13-19

Running Batch Jobs

Production Onsite — User Onsite — Allocation — Production OSG — User OSG

Queued Production Jobs by Wait Time

> 7 days — 2-7 days — 24-48 hours — 8-24 hours — 4-8 hours — 1-4 hours — < 1 hour — new

Job Success Rate

98%

Job Success & Failures per Day

Success — Fail — Held

Overall CPU Efficiency

72%

Total Time Wasted by Running Jobs

Instantaneous — Cumulative
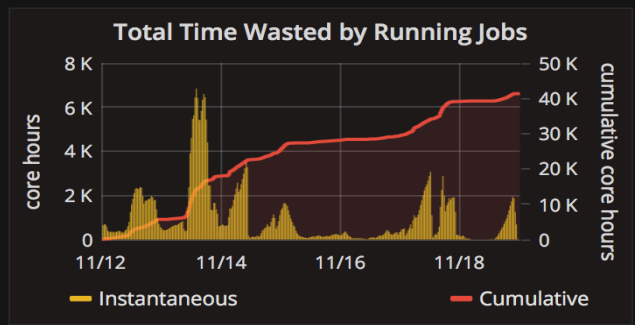
New Data Cataloged	Total Data Cataloged
0.0 TB	**1.7 PB**

- Average concurrent jobs are less than quota.
- Job success rate is very good (98%).
- Overall CPU efficiency is slightly low (72%) due to dCache hardware issue (broken controller) early last week.

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