

The MINERvA Operations Report

All Experimenters Meeting

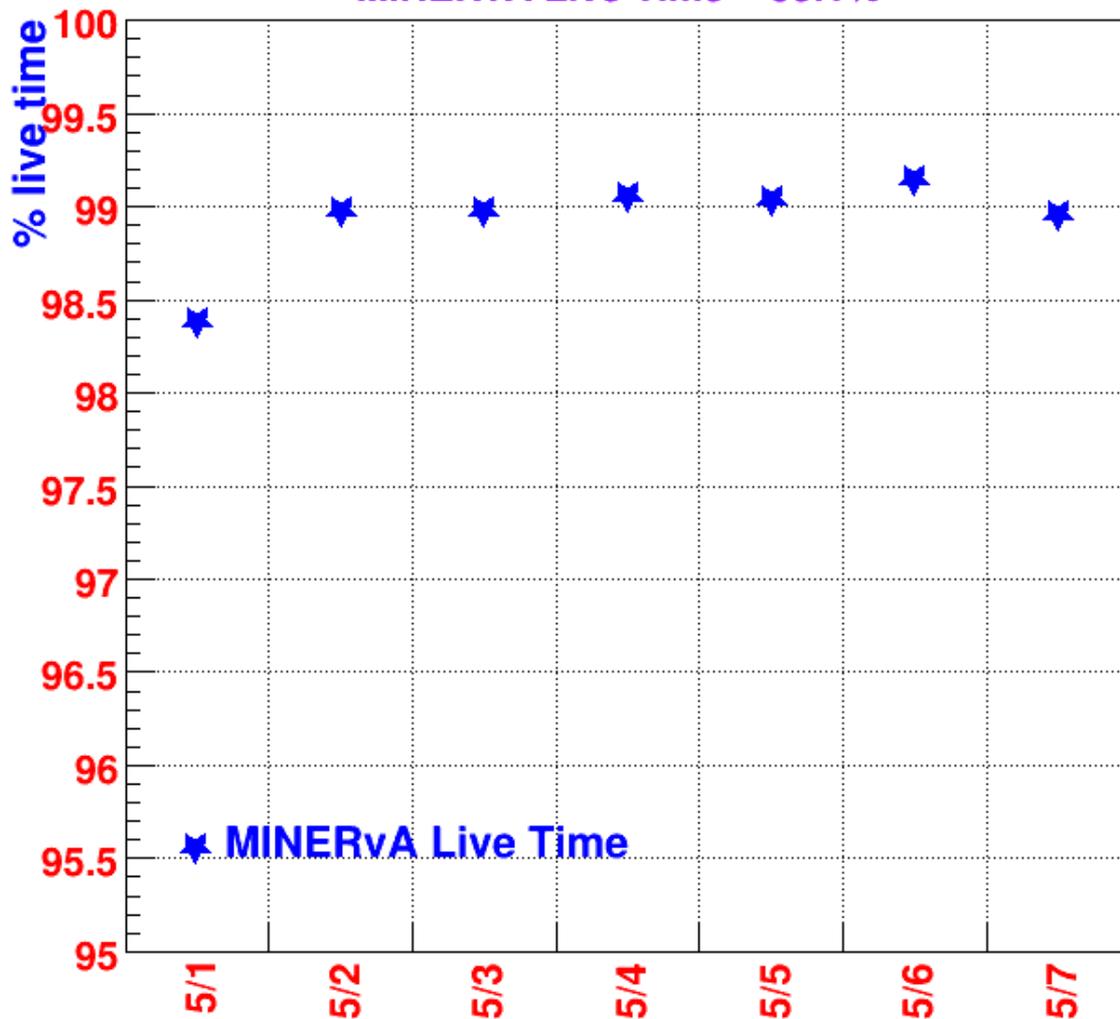
Howard Budd, University of Rochester
May 12, 2014



v Data



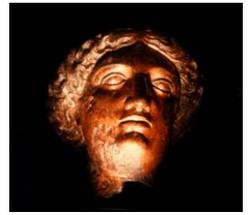
May 1 to May 7, 0.70×10^{19} POT Delivered,
MINERvA Live Time = 99.1%



- MINERvA live time
 - May 1-7
- On May 1 we were down roughly $\frac{1}{2}$ hour due to the network outage. Tortgd was also down during the outage, so that the inefficiency is not shown.



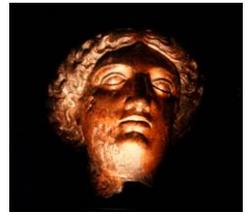
Shutdown



- We are not planning on any work on the MINERvA detector or DAQ during this week's accelerator shutdown.
- Scheduled upgrade of ECL for MINERvA will take place on May 13 2014.



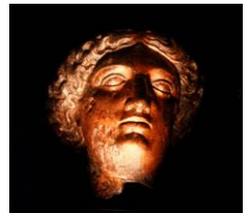
Generator Work



- The Emergency Generator Installation will take place on Wednesday and Thursday (May 14-15).
- Therefore, there will be no emergency power during this time in the NuMI Hall.
- This means that during this time there will be no underground access
- The Helium Target will still be on power during this time if no larger power outage occurs.



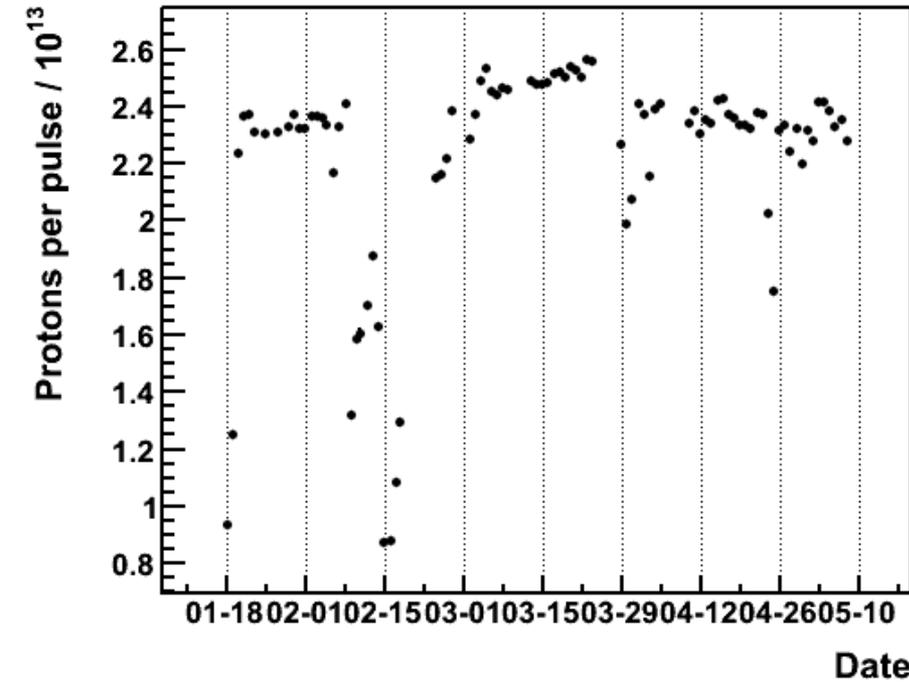
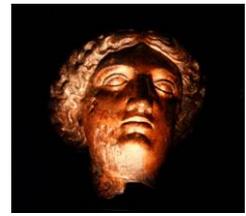
Blue Arc Outage



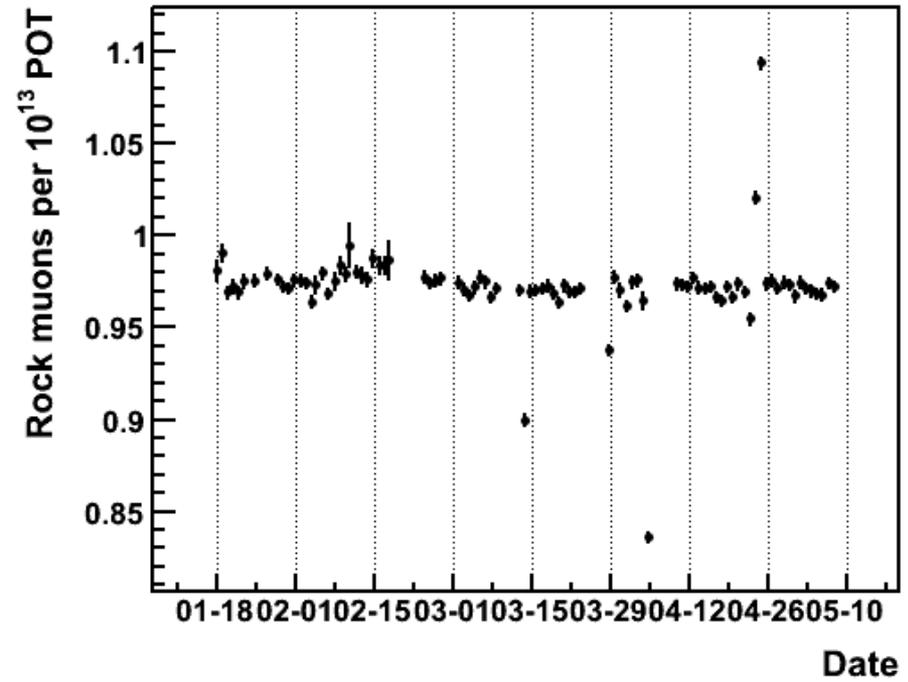
- A ~ 5 hour BlueArc outage for May 15 was announced today, May 12.
- With the list of the volumes that are going down, we determined that the outage will not affect our data taking operations. However, it could have, in which case there was not much time given to try to solve the issue.
- We request these outages scheduled in coincident with scheduled accelerator down times where possible.
- We would like these outages to be announced 3-4 weeks in advance so we can determine the effect of the outage on data taking and address it if there is a problem.



Rock Muons/POT



POT/Pulse

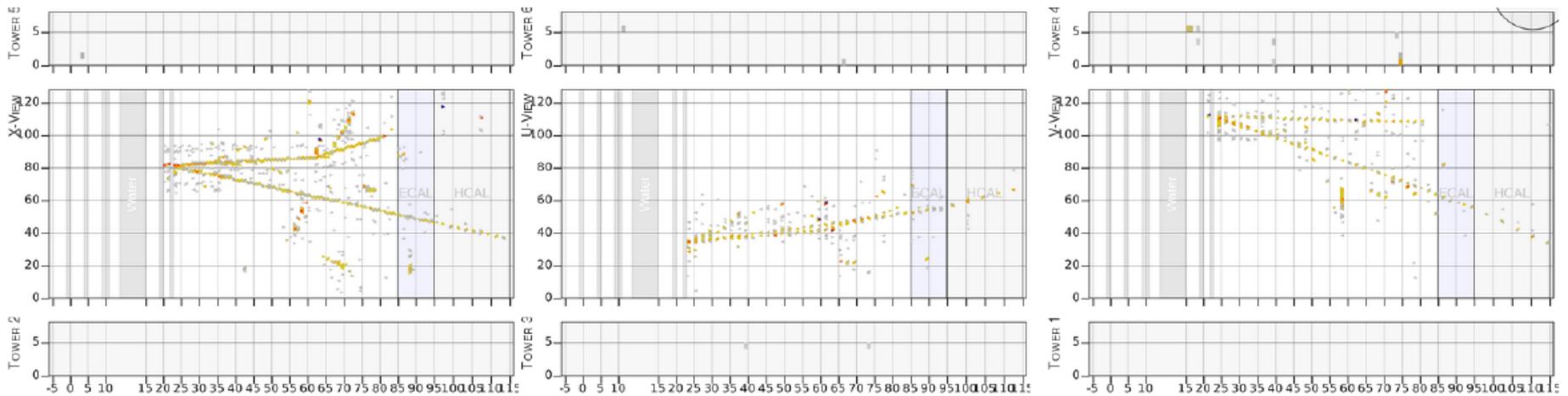


Rock Muons/POT

Still investigating outlying points on rock muons/POT plot



Event Display



X View

U View

V View

Nuclear Target Event

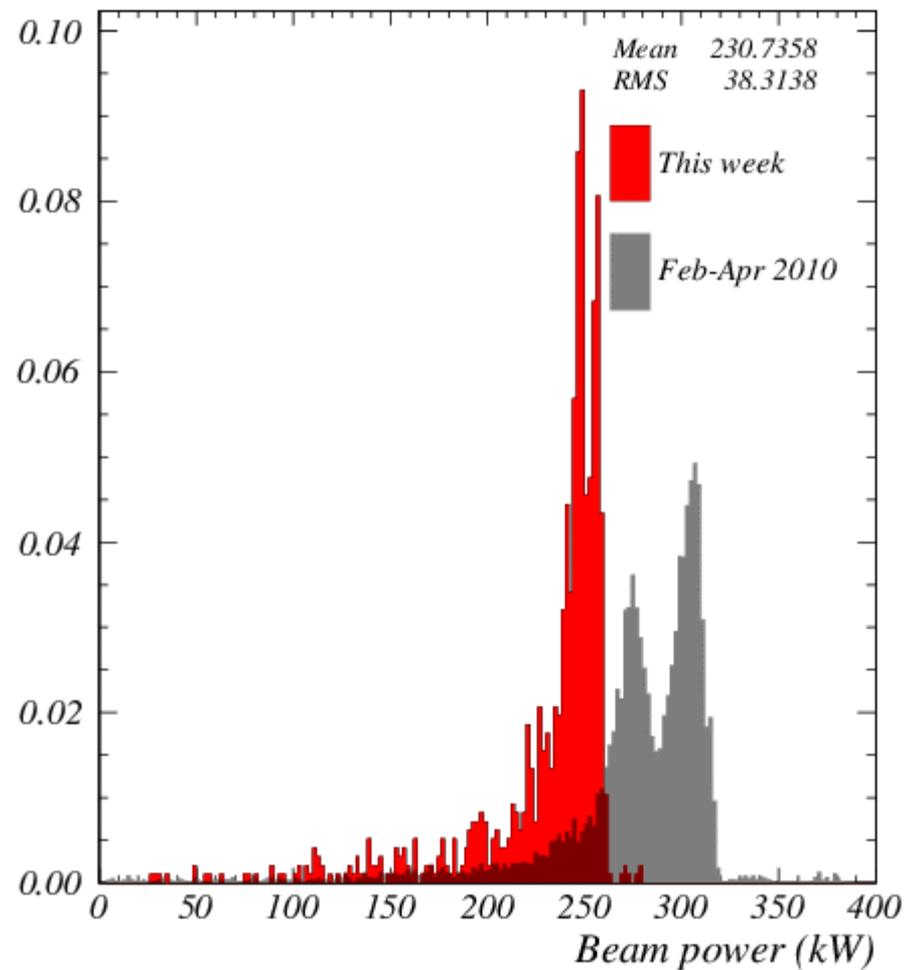
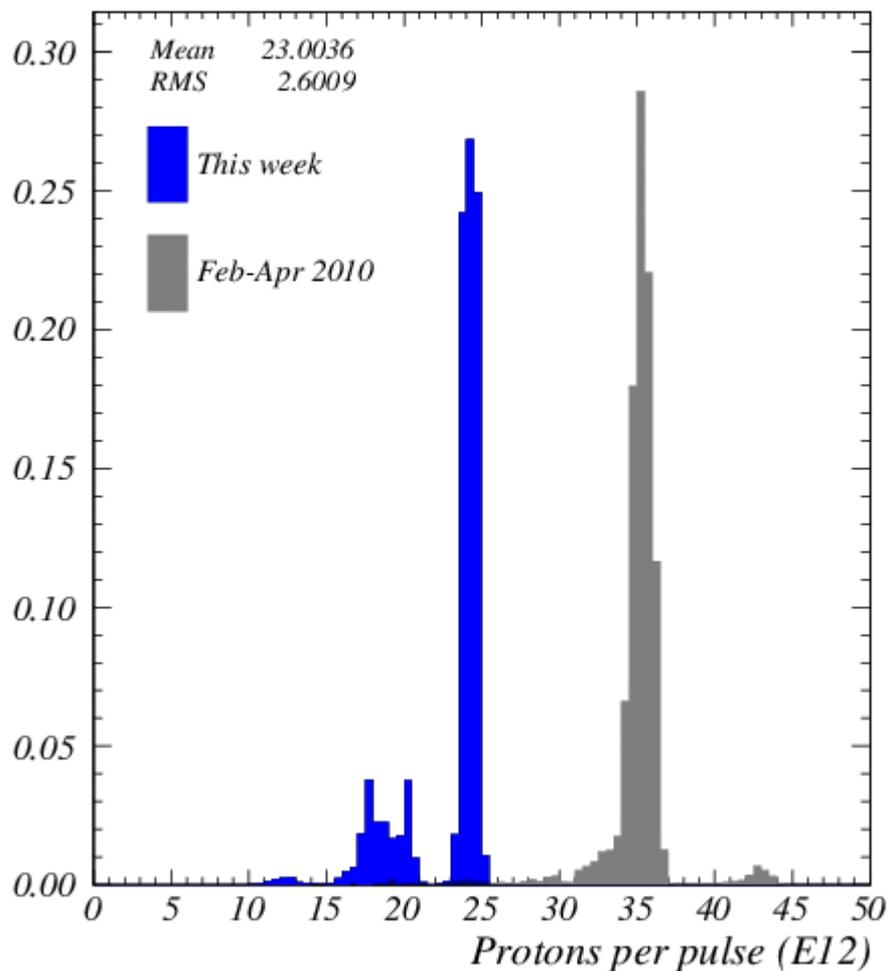


NuMI Beam Plots



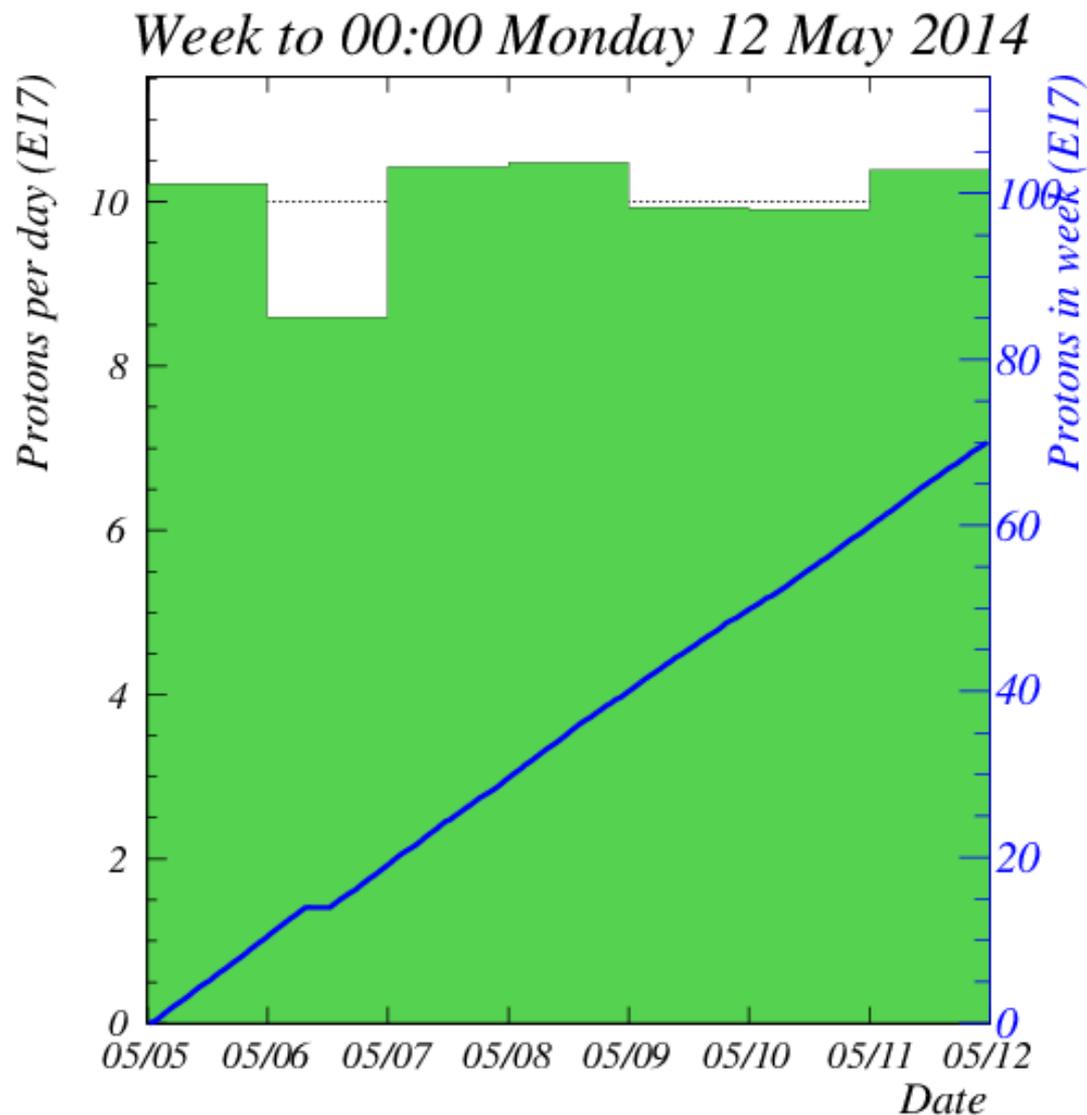
Week ending 00:00 Monday 12 May 2014

Week ending 00:00 Monday 12 May 2014





Protons for the Week



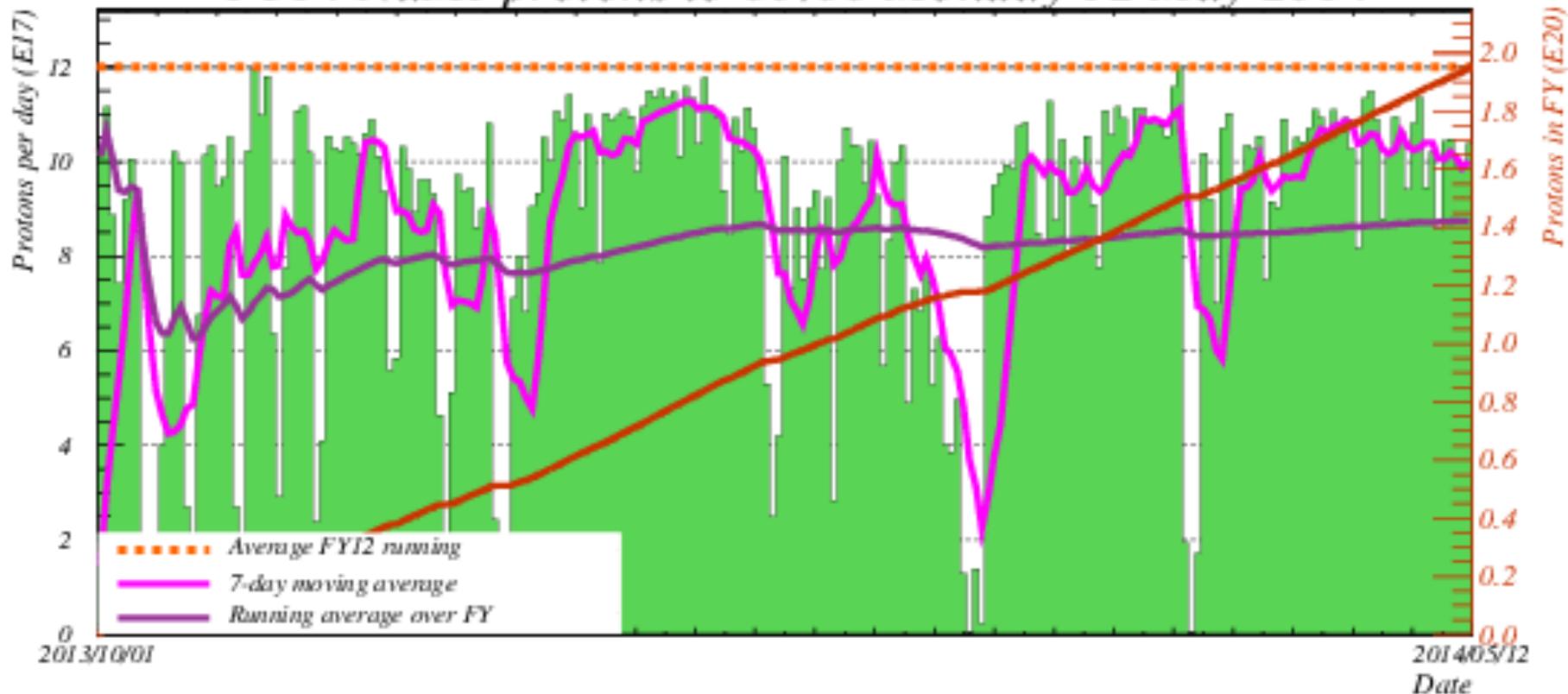
0.70×10^{19} POT
May 5-11, 2014



FY2014 Protons



FY14 NuMI protons to 00:00 Monday 12 May 2014



19.52×10^{19} POT

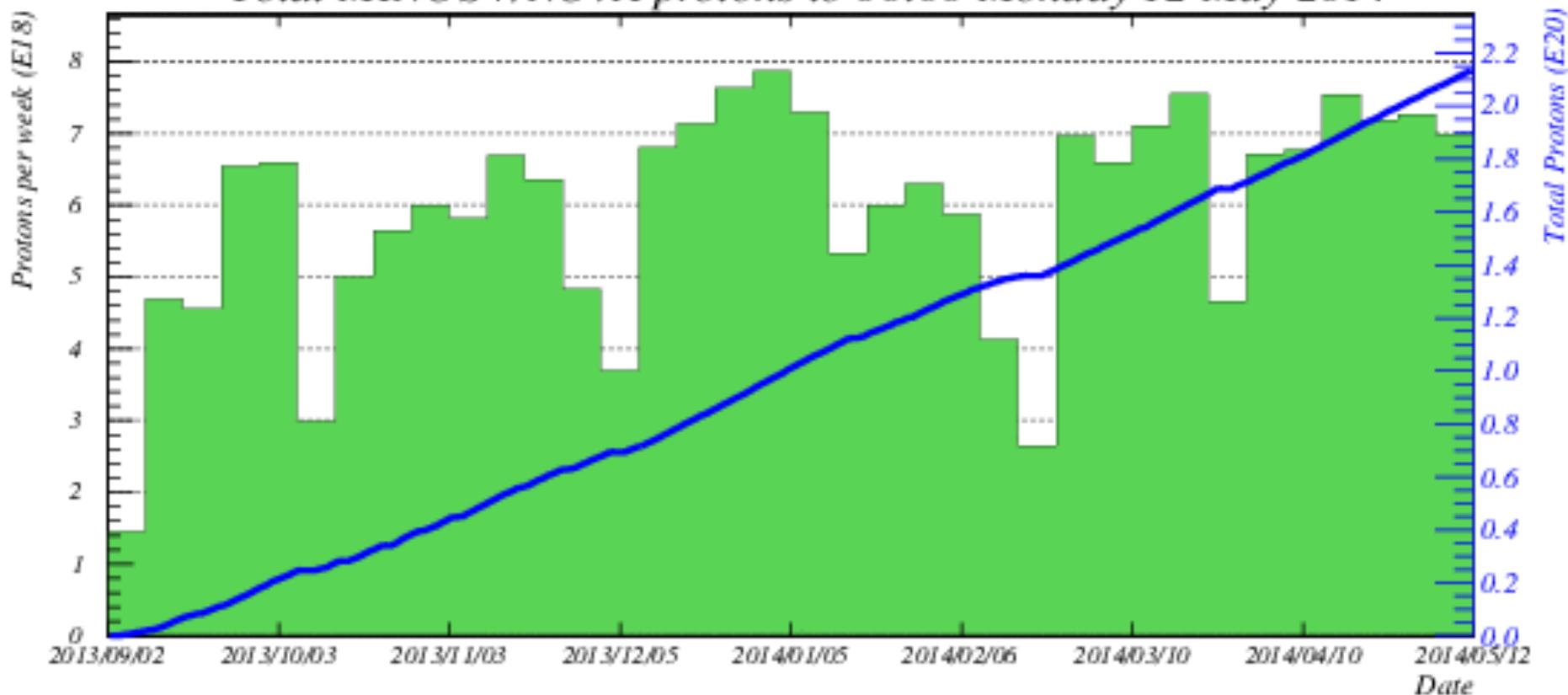
Oct 1 2013- May 11 2014



Protons for ME Run



Total MINOS+/NOvA protons to 00:00 Monday 12 May 2014



21.30×10^{19} POT

Sep 6 2013 at 15:00 – May 11 2014