The MINERνA Operations Report
All Experimenters Meeting

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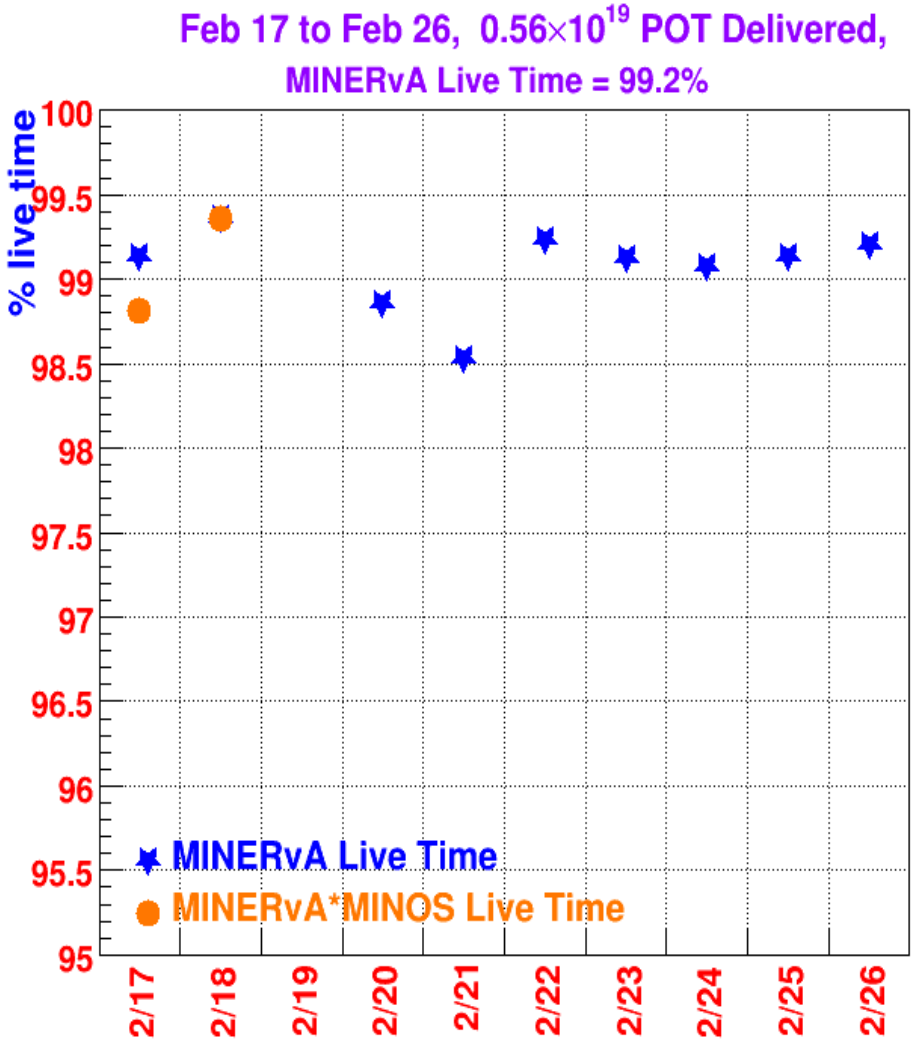
Mar 3, 2014

ν Data

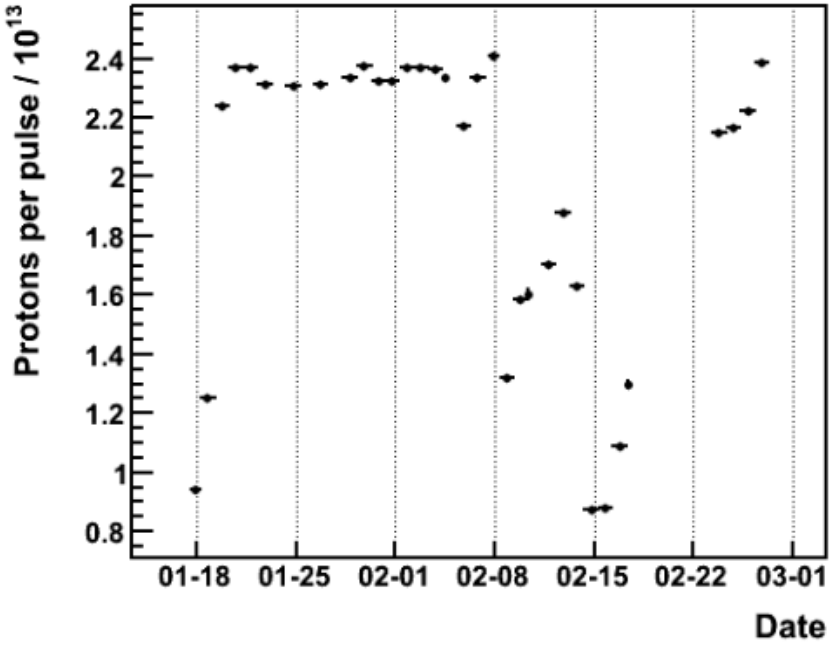


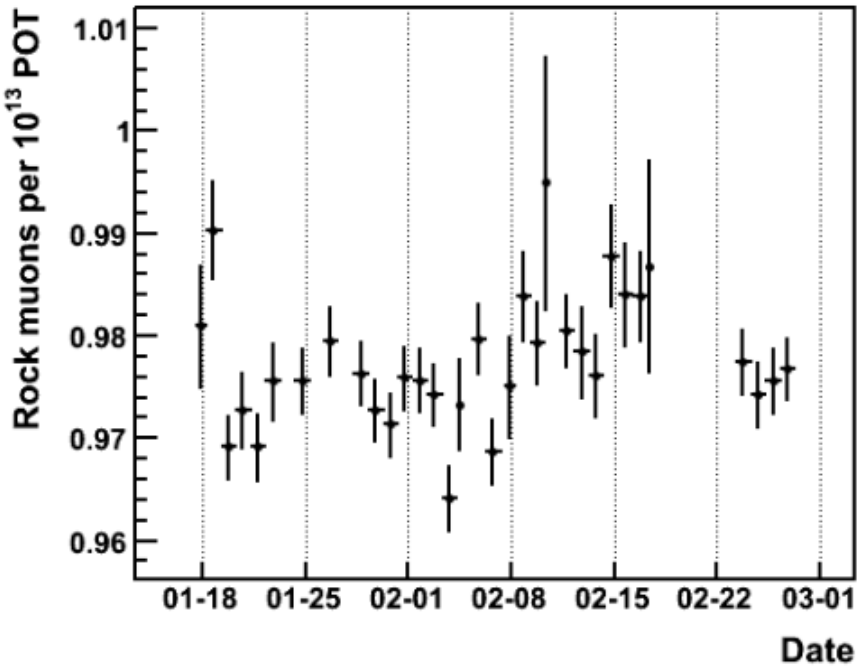
- MINERvA live time Feb 17 - 26
  - MINOS gate given that there is a MINERvA gate
- Feb 19 no beam
- Last week, no efficiencies for Feb 17-18 as the Lumberjack Plotter didn't send data. We contacted AD and they solved the problem.
- Feb 20-26 The MINOS files were not available when MINERvA job that gets the MINOS efficiencies were run. With grid problems over the weekend, the MINERvA jobs have not yet been resubmitted.
- MINOS near detector live time Feb 17-24 ~ 98 - 99% live

Control Room Computers

- Three of our control room computers have periodically had their displays crash and have slowed down to the point that their key board and mouse don’t work. We suspect it’s due a problem with Firefox interacting with our video driver. We are investigating the problem and several solutions.
  - Investigations being done by Geoff Savage (PPD online support) and Jason Harrington (CS – FEF).

Rock Muons/POT





POT/Pulse

Rock Muons/POT

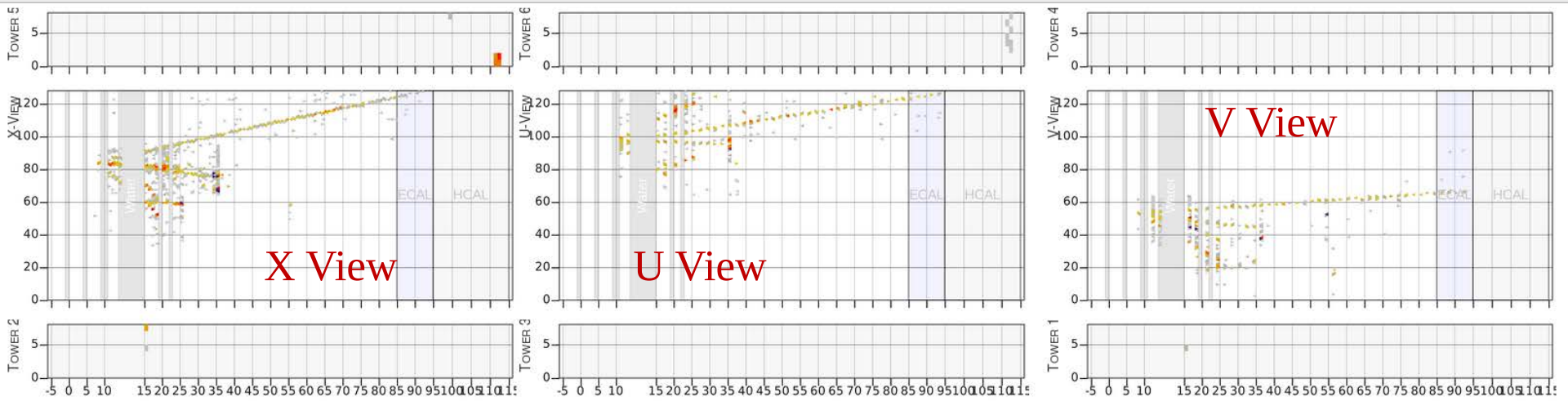
- Rock muons are generated in the berm, not the detector.
- Staring the plot at Jan 18 2014.

Muon Monitor 4 (MM4)

- The plan is to start He flow to MM4 from a single bottle.
  - Update documentation for gas system and send it to the safety committee.
    - Should be today or tomorrow.
  - With approval of safety committee, we will start flowing He from a single gas bottle to MM4.
  - After a couple of exchanges pressure test the system with He
    - The gas rack to 65 PSI
    - The chamber to 2-4 PSI.
  - Restart flow of He
  - When MM4 is purged of nitrogen, we will put MM4 on HV and check out MM4.
  - At this point we are ready to connect MM4's gas line to main gas supply.

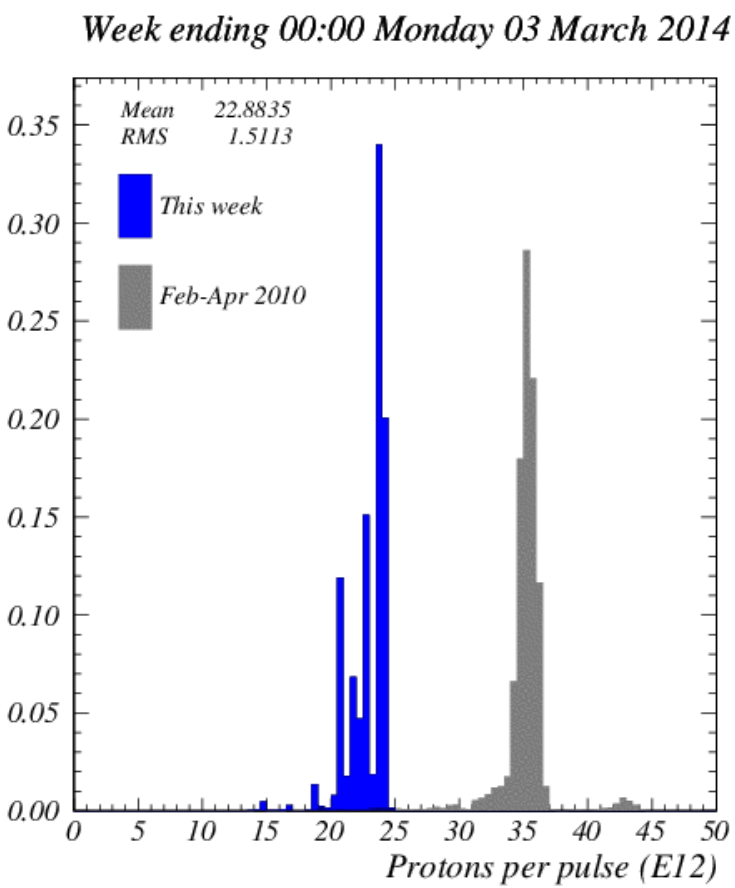
Event Display

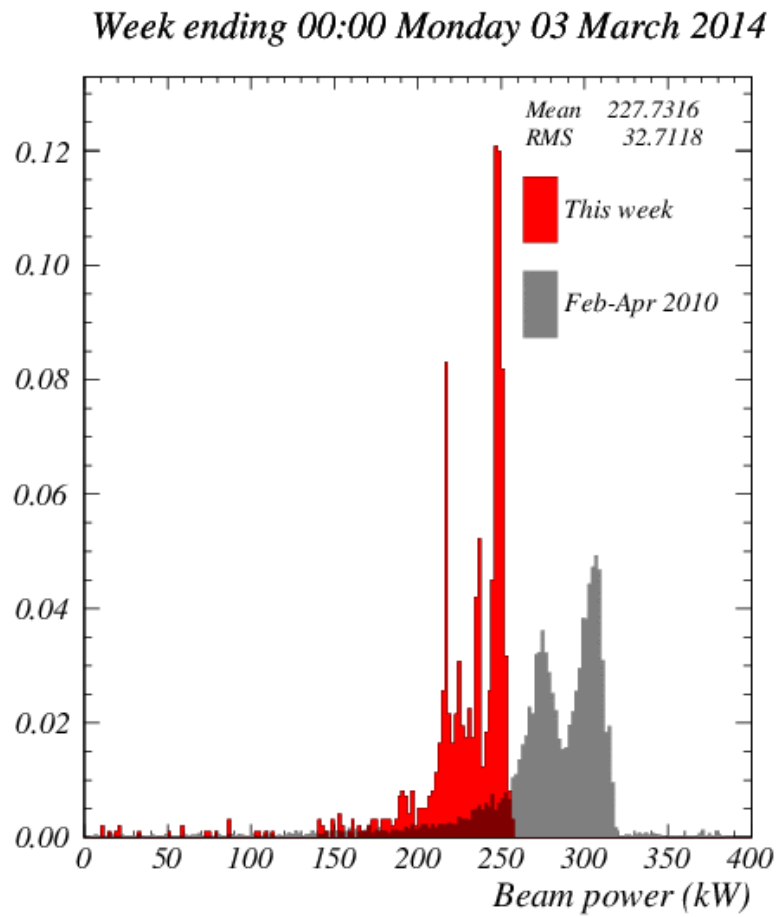
Outer Calorimeter



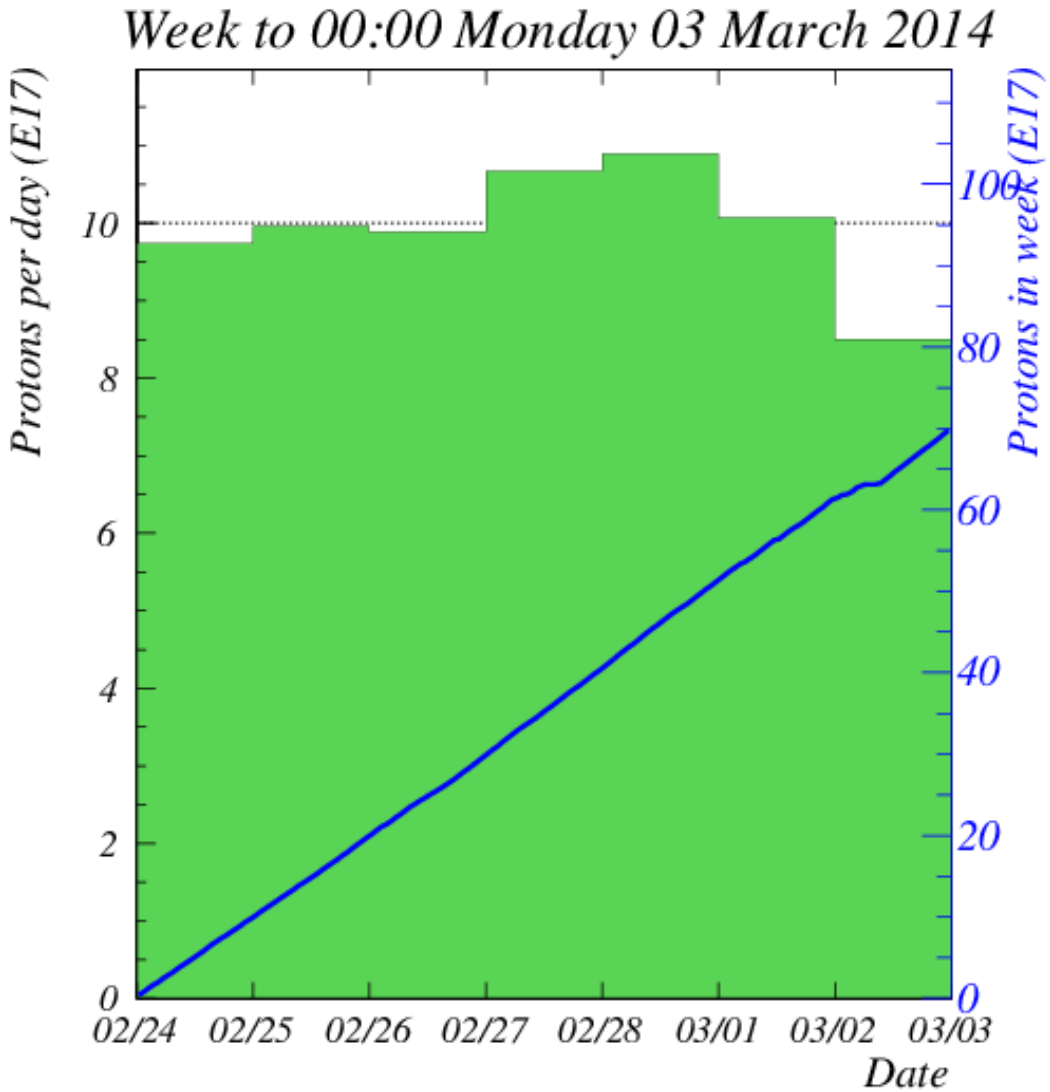
Nuclear Target Event

NuMI Beam Plots





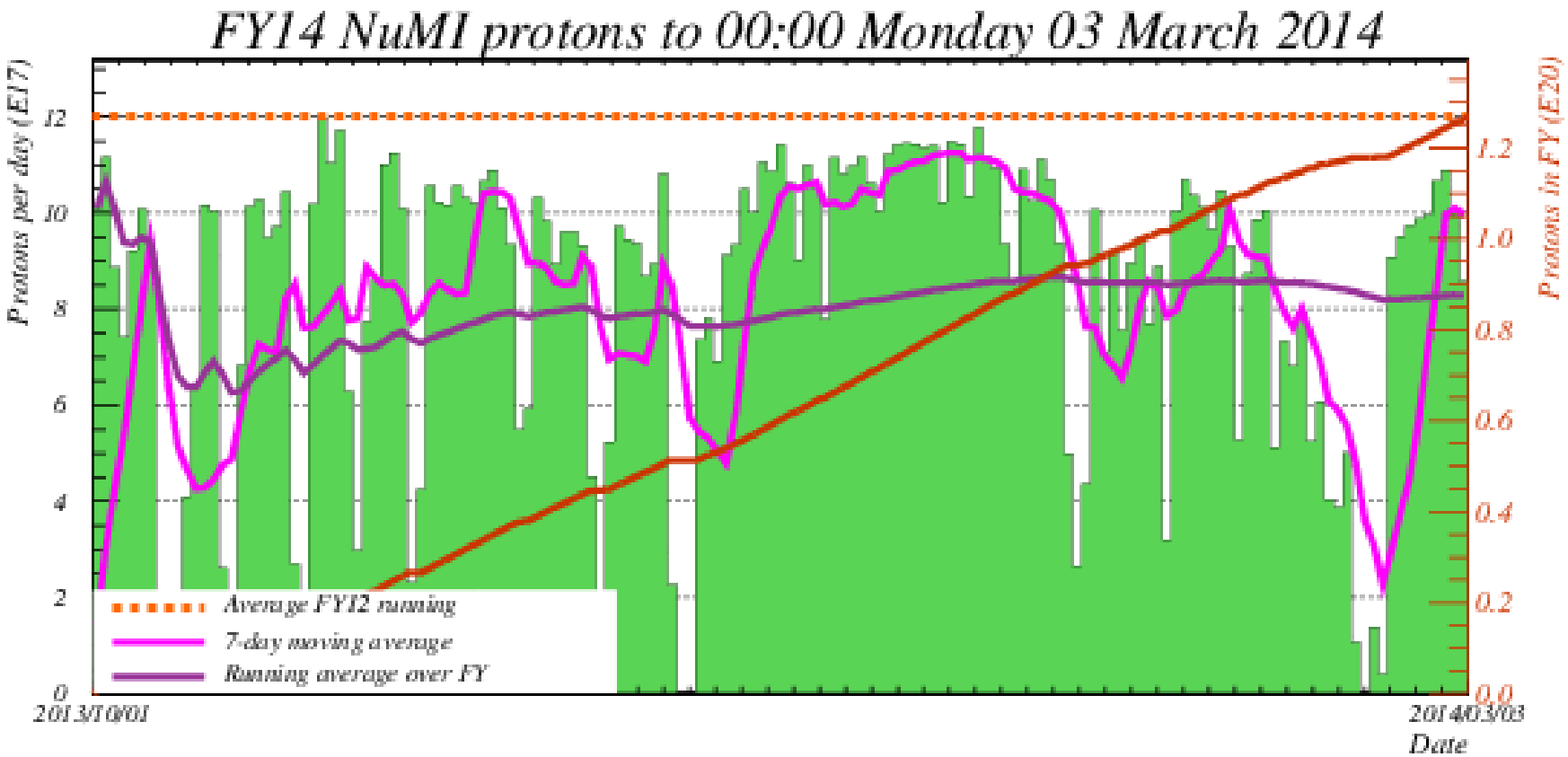
Protons for the Week



0.70×10^{19} POT

Feb 24 – Mar 2 2014

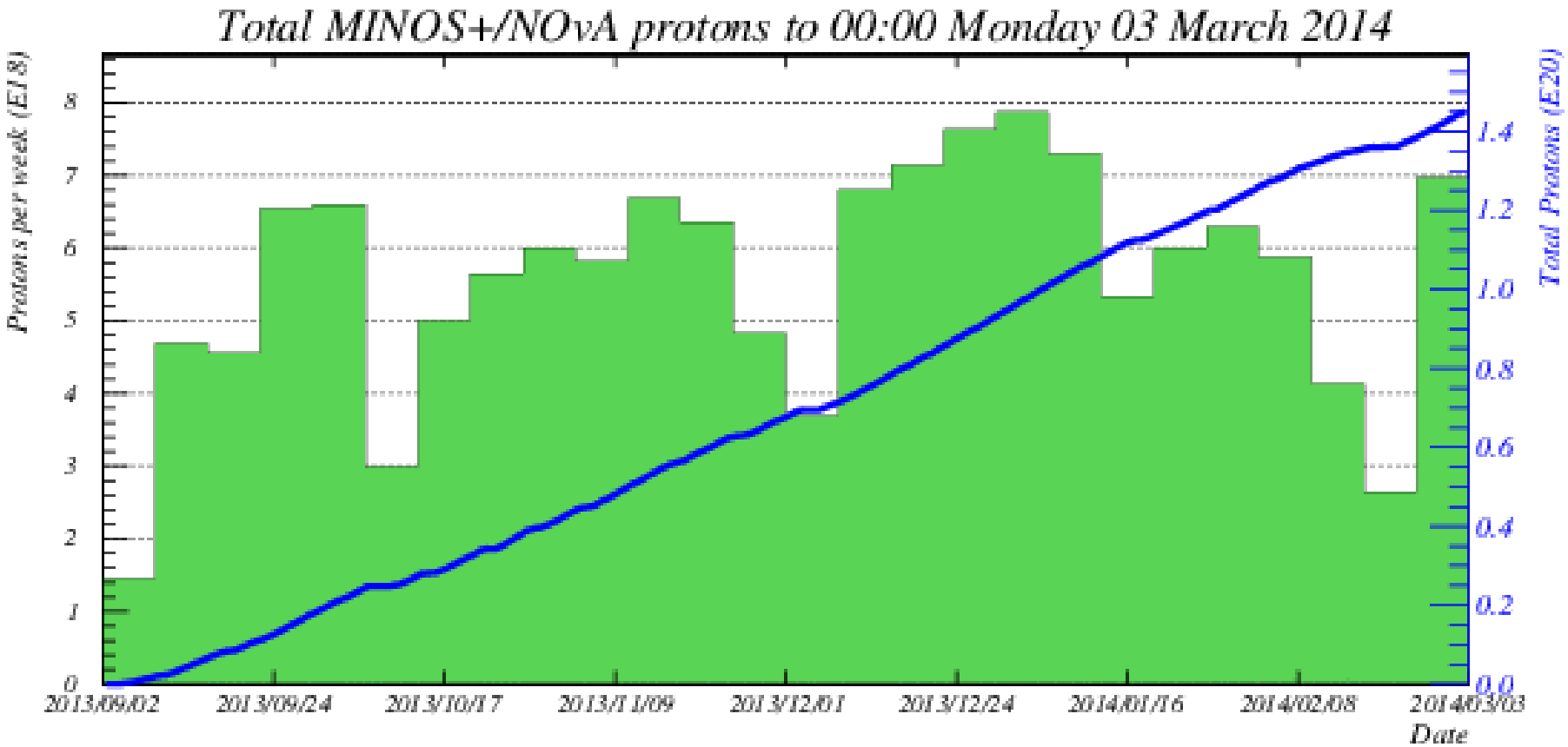
FY2014 Protons



12.68×10^{19} POT

Oct 1 2013- Mar 2 2014

Protons for ME Run



14.45×10^{19} POT

Sep 6 2013 at 15:00 – Mar 2 2014