

The MINERvA Operations Report

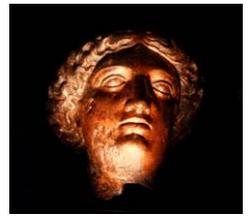
All Experimenters Meeting

Howard Budd, University of Rochester
Nov 25, 2013





Taking Data



- We are taking data with very small downtimes
 - For some runs we take a LI trigger just after a beam trigger.
 - Recently, we are having instances where one of the 2 light injection (LI) boxes is not working. We are not sure what is going on. We continue to take beam data whether the LI box is working or not.



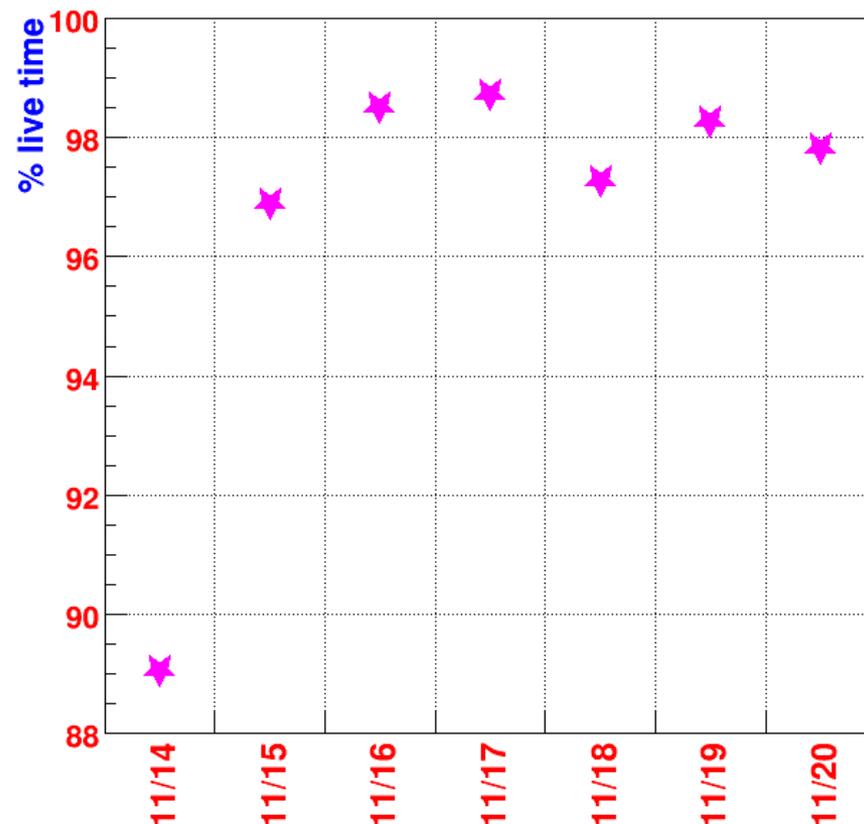
ν Data



From	To	POT	MINERvA Live time
14-Nov-2013	20-Nov-2013	6.19E+18	96.3%

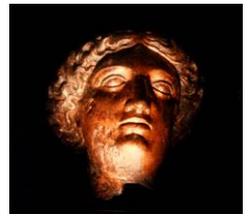
% live time Nov 14-20

- Nov 14, a FEB failed in a way that we could not take data. It was on the most East side which is easy to replace.
 - FEB failure described last week AEM talk
- 0.636×10^{19} POT, Nov 18-24
- 5.56×10^{19} POT since Sep 6 to Nov 24





West Platform



- During previous shutdown PPD has built a platform which will enable access these FESBs & improve access to the FEBs and PMTs on the West side



West Platform



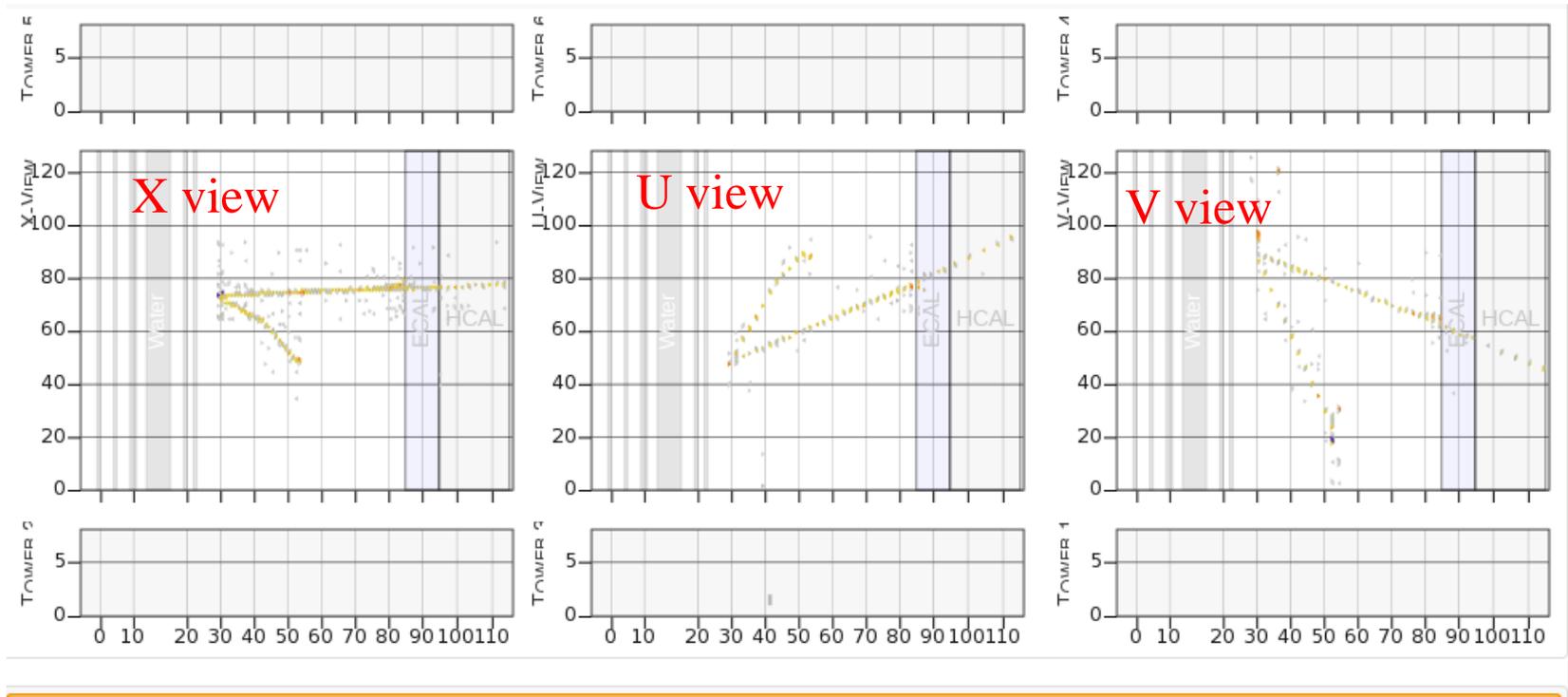
- During the next downtime for the West Platform
 - 2 of the 3 flooring pieces are tied down. A short piece which the person steps on from the ladder is tied down with a hose clamp. It needs to be tied down firmly
 - Install 3d railing on the east side of platform to protect the optical cables & give the person working on the detector something to hold onto besides the detector. 2 of the 3 railings are installed.
- We turn off HV off to do this & hence this must take place during a beam down time.
 - After installation we need to light leak check the detector.
- This total will take about 1 shift
- If there is emergency dayshift down time this week, we are prepared to bring the HV to zero and check the detector after the work on the platform.



Event Display



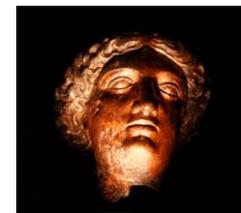
During Today's Low Intensity Running



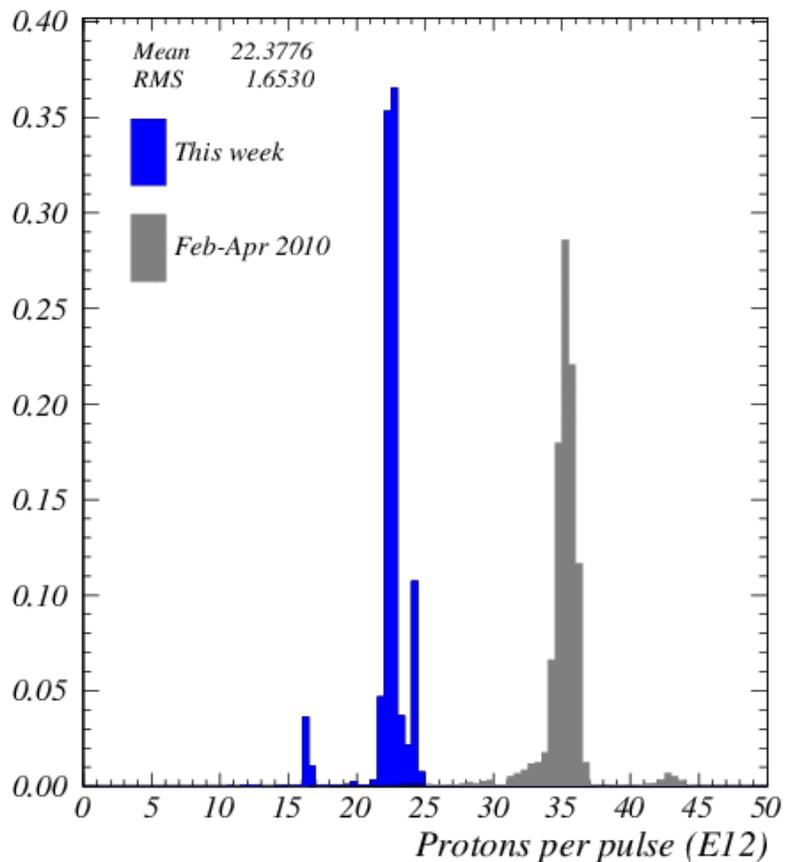
- quasi-elastic event



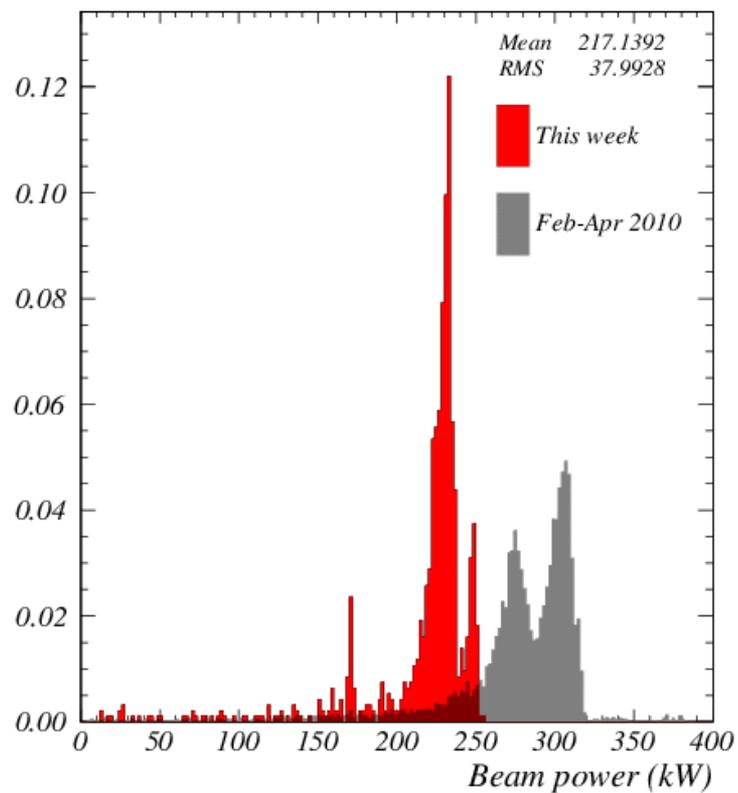
NuMI Beam Plots



Week ending 00:00 Monday 25 November 2013

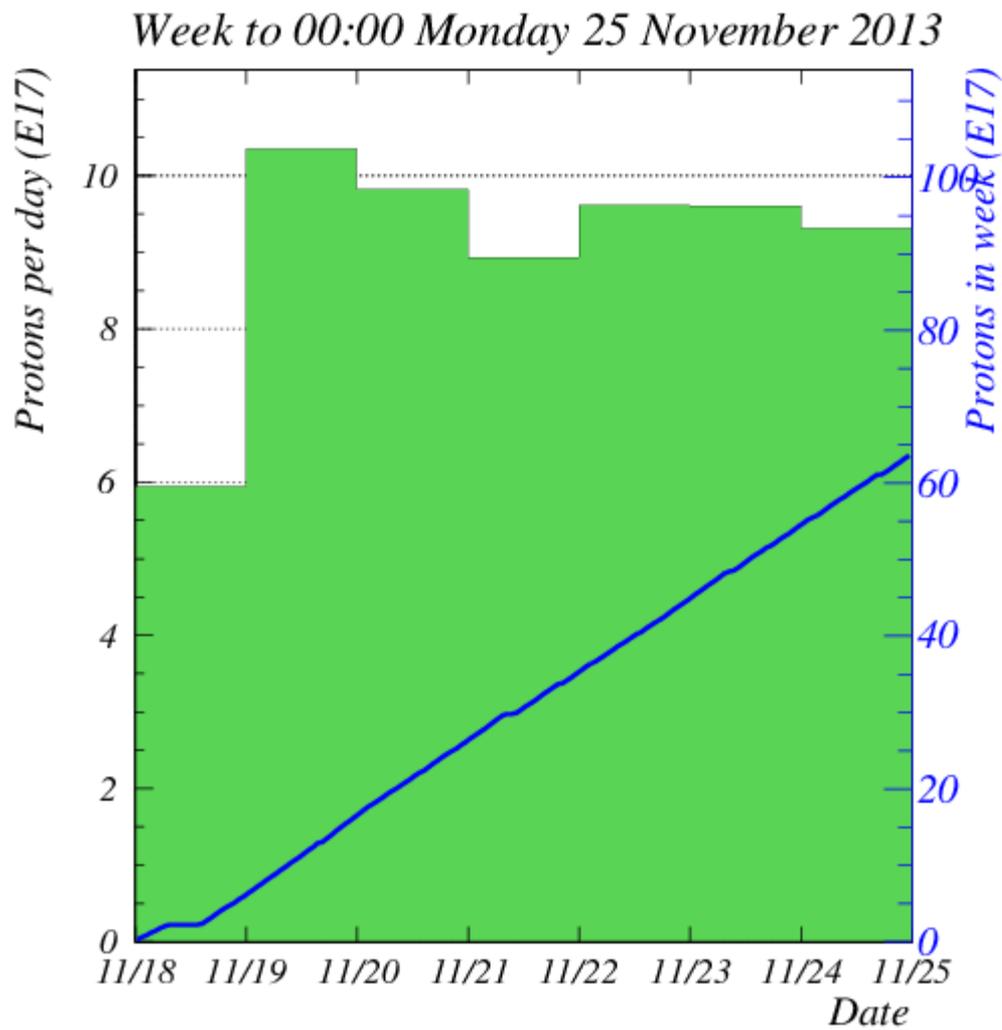


Week ending 00:00 Monday 25 November 2013

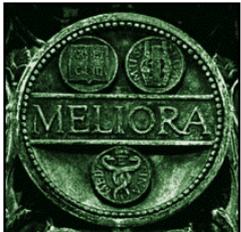




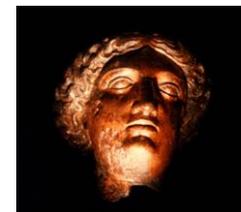
Protons for the Week



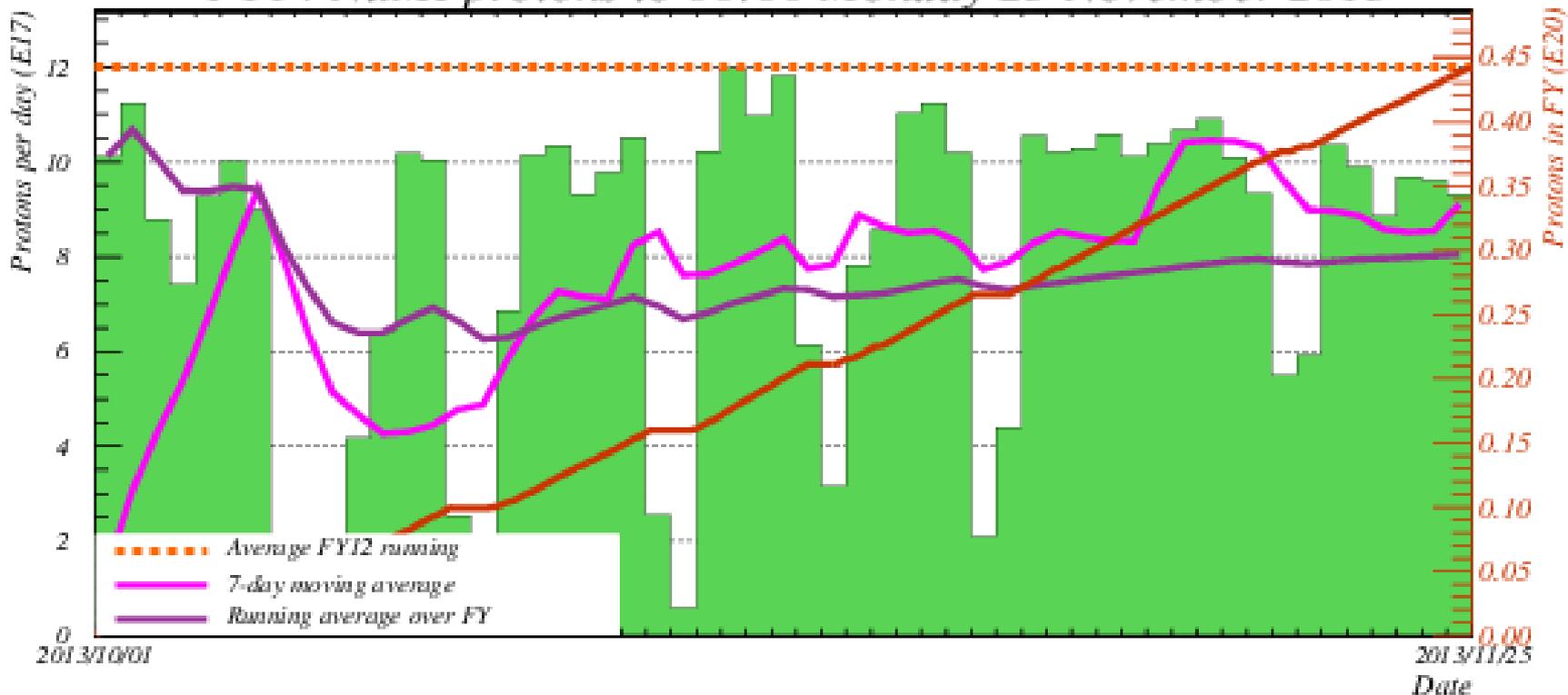
0.636×10^{19} POT



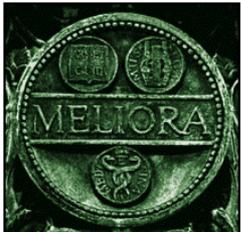
FY2014 Protons



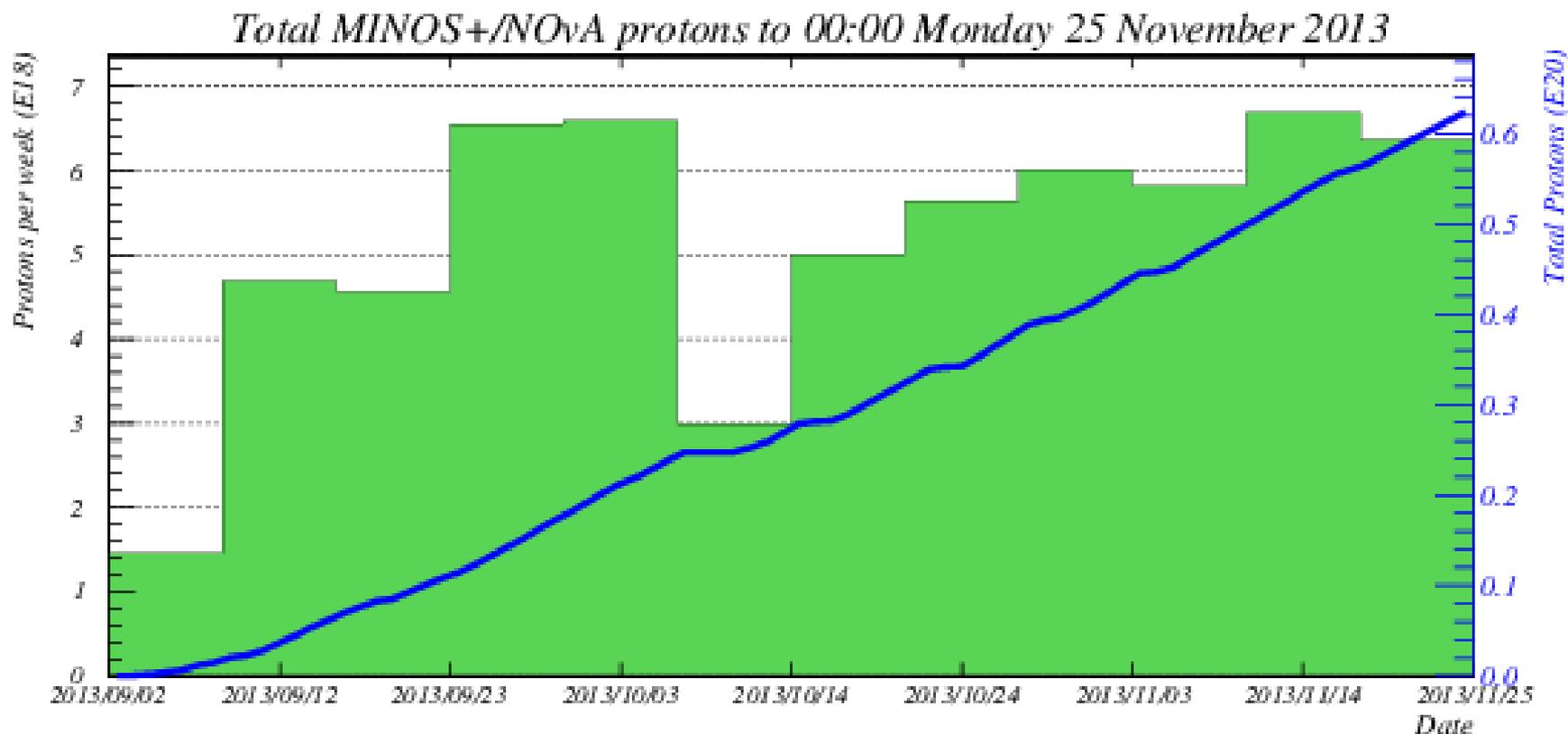
FY14 NuMI protons to 00:00 Monday 25 November 2013



4.45×10^{19} POT



Protons for ME Run



6.20×10^{19} POT (Start Sep 6 2013 at 15:00)