

The MINER ν A Operations Report

All Experimenters Meeting

Howard Budd, University of Rochester
Nov 24, 2014





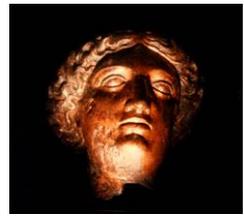
ν Data



- 0.61×10^{19} POT – Nov 13-19
- We don't understand our calculation of the MINERvA live time for Nov 13-19. Could be the changes to SAM on Nov 20
 - The MINERvA and MINOS efficiencies are high.
 - We will present our live times next week.



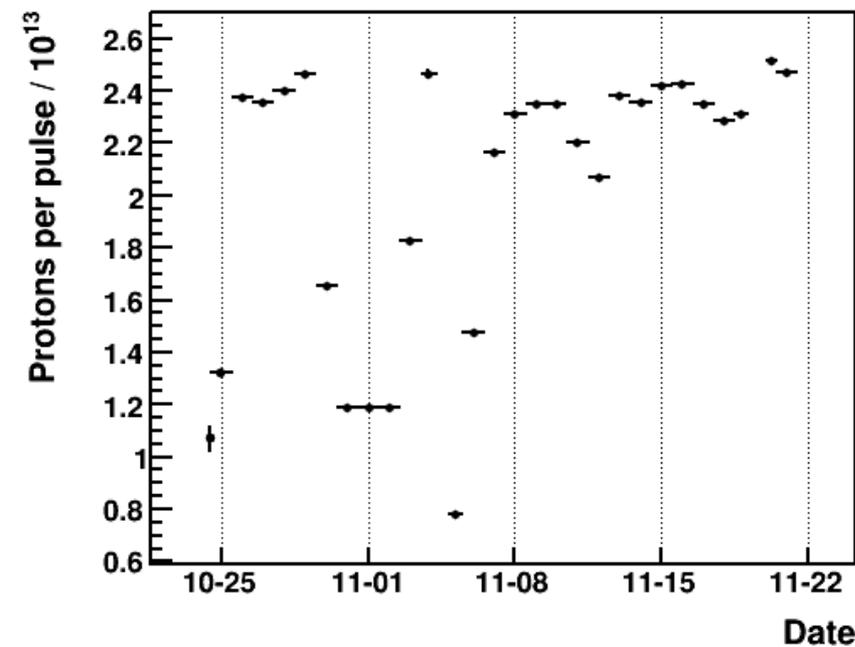
Work to be Performed During RF Cavity Replacement



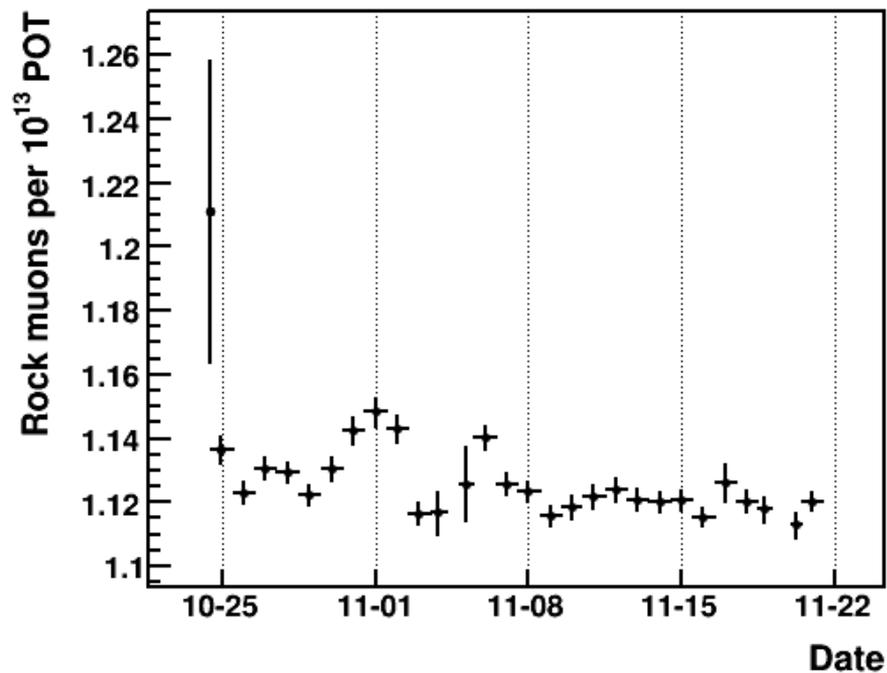
- As reported before every so often the DAQ would crash with a sequencer error and skip to the next subrun.
 - The sequencer is the firmware code in the CROC-E which reads out the FEBs. This code used to be in the DAQ code. Putting this code in the CROC-E sped up the DAQ.
 - This happens on 2 chains on 2 separate CROC-Es
- We will replace one of the CROC-Es and check if this fixes the problem.
- If the shutdown is planned for a 2d day we will replace a FEB. This FEB requires removing the roof. The problem is not bad enough that we have to stop data taking to remove the FEB.



Rock Muons/POT



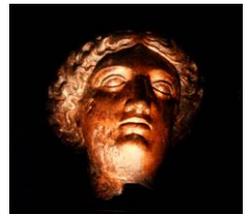
POT/Pulse



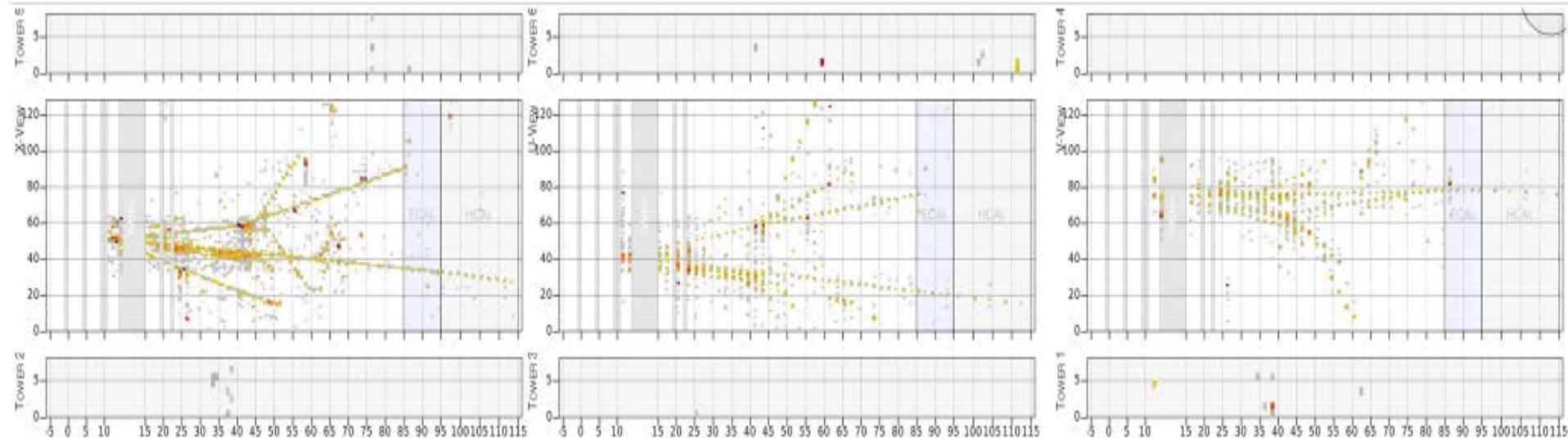
Rock Muons/POT



Event Display



Outer Calorimeter



X View

U View

V View

Nuclear Target Event

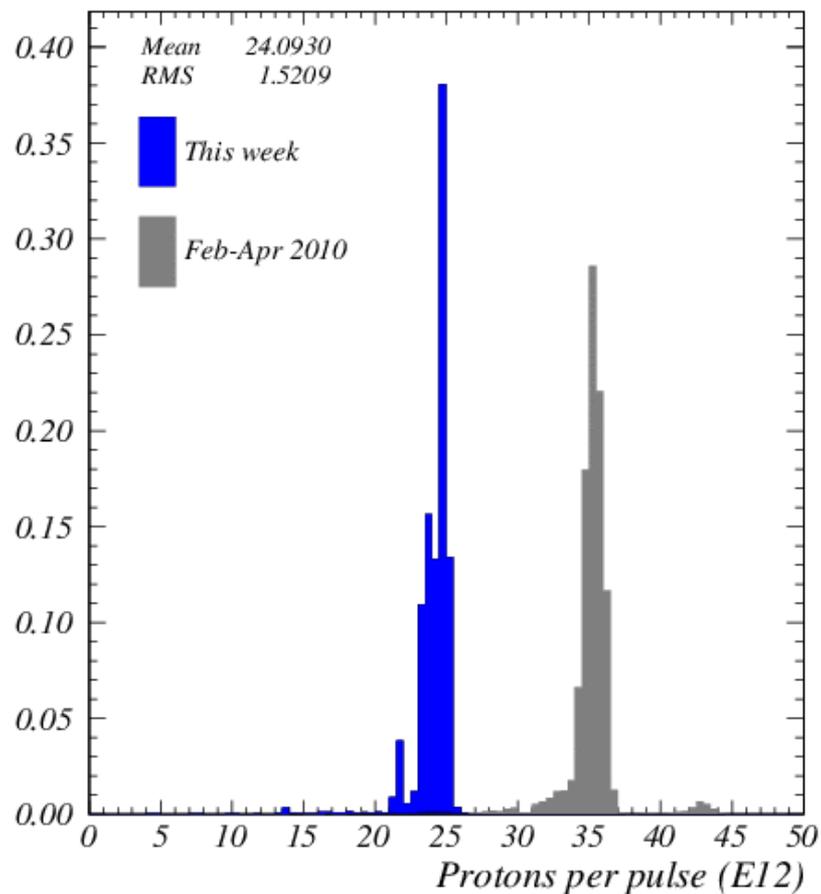


NuMI Beam Plots

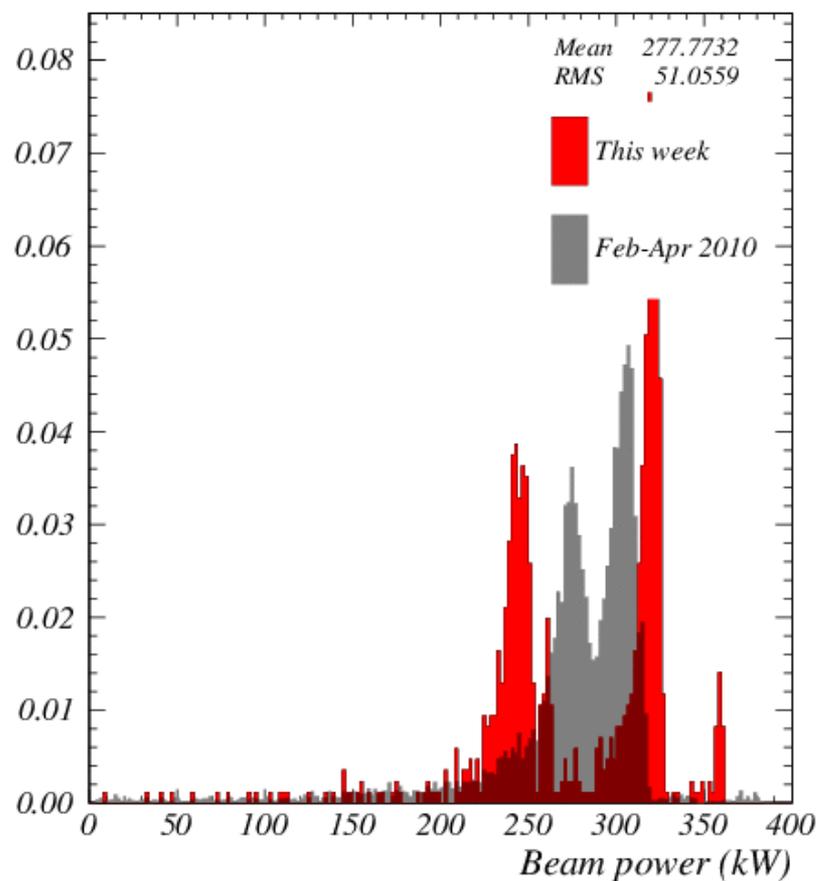
Nov 17-23



Week ending 00:00 Monday 24 November 2014

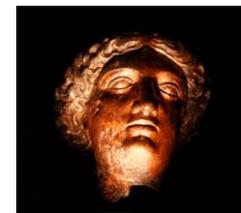


Week ending 00:00 Monday 24 November 2014

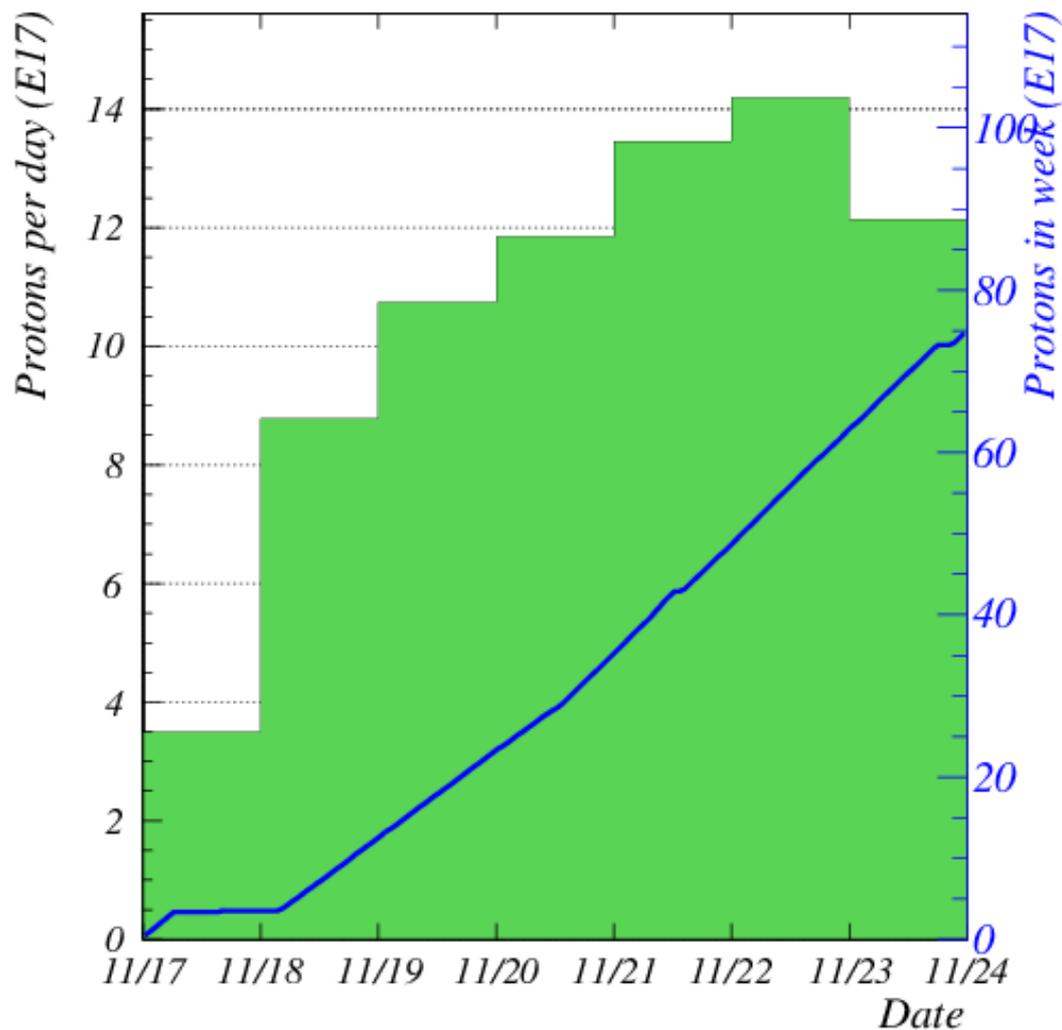




Protons for the Week



Week to 00:00 Monday 24 November 2014



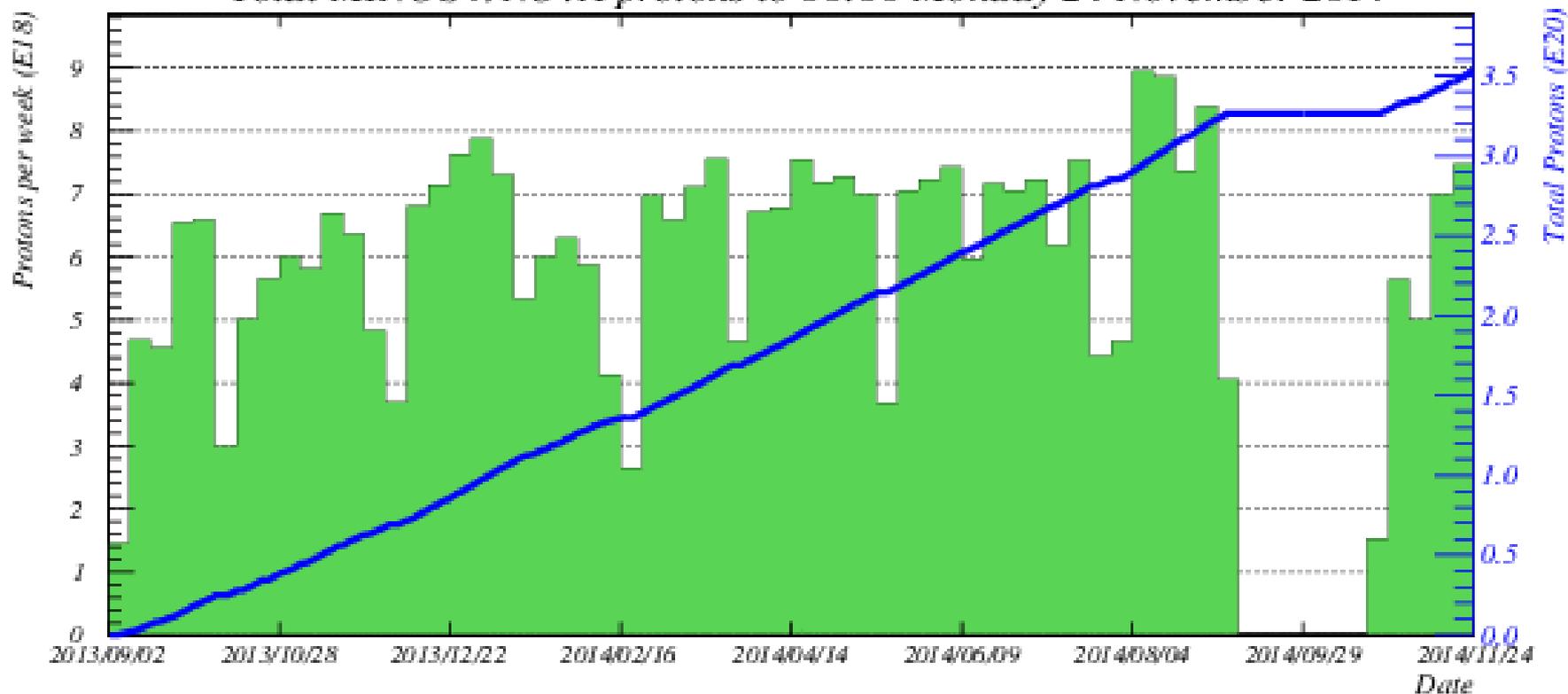
0.74×10^{19} POT
Nov 17-23



Protons for ME Run



Total MINOS+/NOvA protons to 00:00 Monday 24 November 2014



35.25×10^{19} POT

Sep 6, 2013 at 15:00 – Nov 23, 2014