

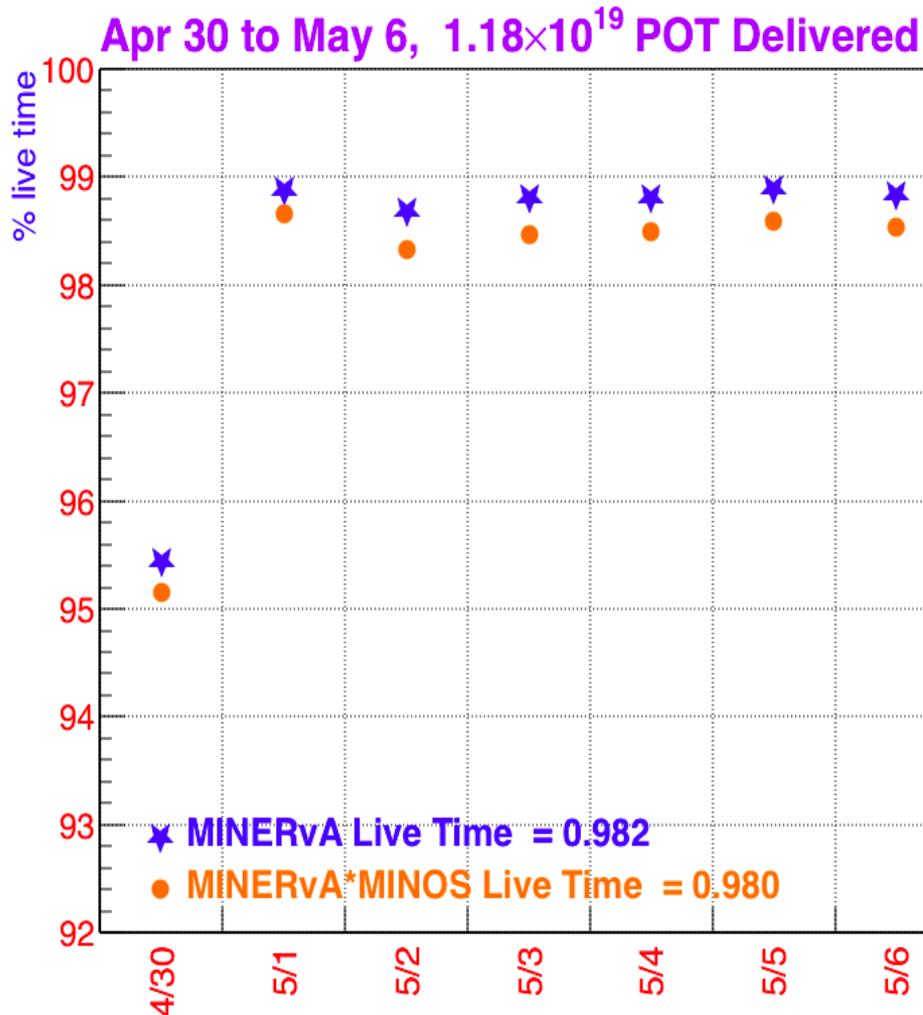
The MINERvA Operations Report

All Experimenters Meeting

Lu Ren, University of Pittsburgh
May 11th, 2015



ν Data



- Live time, 4/30-5/6, 2015
- 1.18×10^{19} POT
- MINERvA 98.2%
- MINERvA*MINOS 98.0%
- April 23rd-26th, 96% live
 - Same efficiency as presented last week



v Data

- April 30th, 95.4% live
 - During the owl shift, RunControl presented an alert message, the shifter tried to acknowledge the alert and skip to the next subrun, but RunControl was unresponsive
 - At this point, the shifter tried to issue a “Restart DAQ” command, which appeared to fail because he was unable to get RunControl running
 - The expert shifter was able to remotely start RunControl (and resume data taking) from the other control room machine minerva-cr-02
 - We were down for about 45 minutes.
 - After this we were still unable to get RunControl running on minerva-cr-01, it is unclear whether the earlier problem was due to a RunControl problem or a computer problem

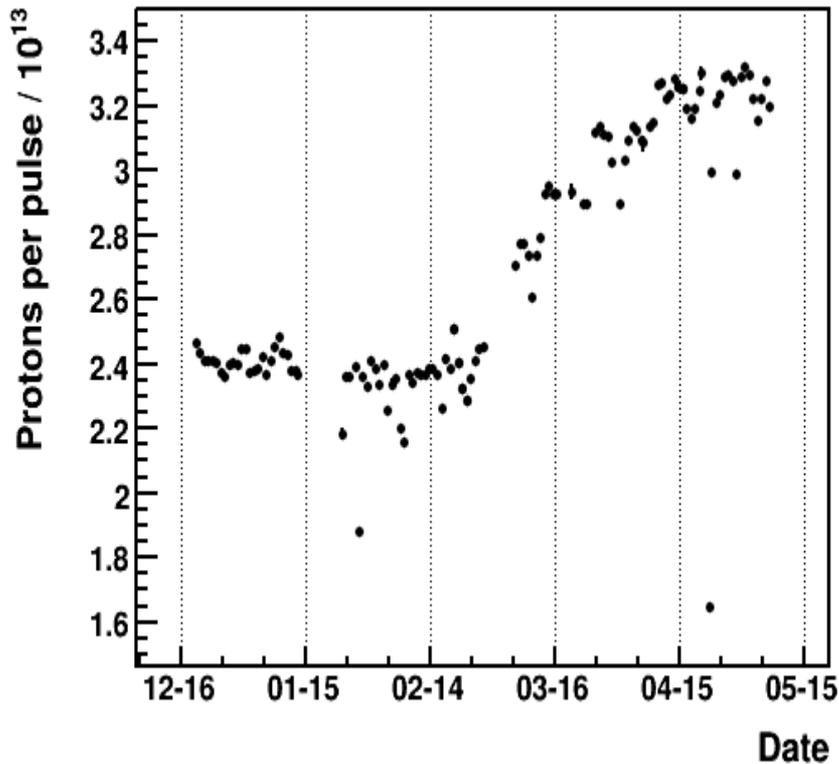


v Data

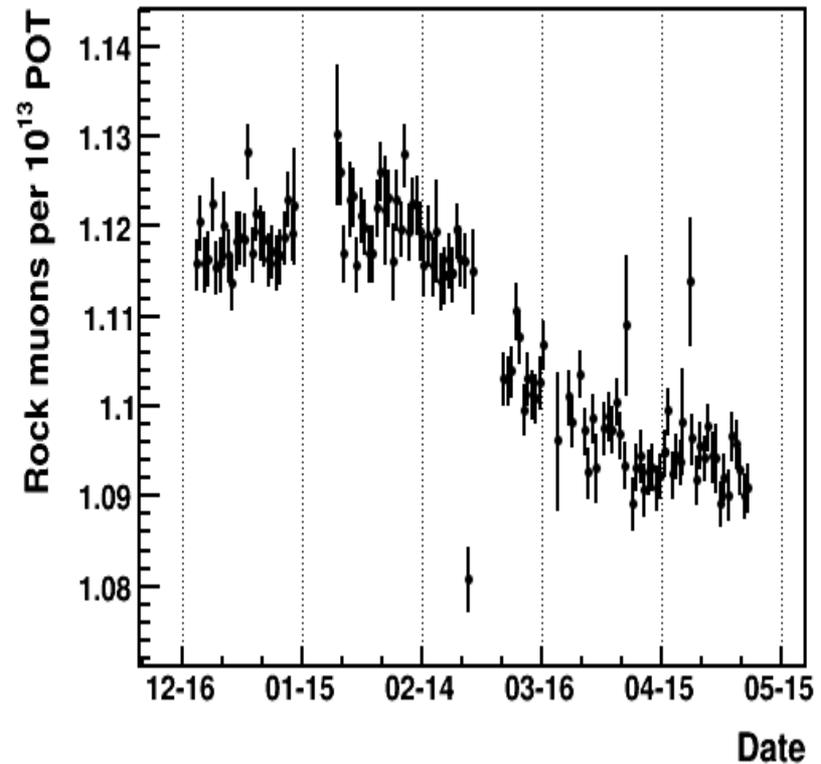
- April 30th, 95.4% live
 - An expert came in later in the morning to try to resolve the problem, he was still unable to get RunControl working on minerva-cr-01, so he rebooted the machine twice, and we redownloaded the RunControl configuration package and it still did not work
 - We then looked for “zombie” ssh tunnels (left by exiting RunControl in a non-standard way). We killed those extra open tunnels and things started working again
 - We updated the RunControl script to include a script which kills any old tunnels when RunControl doesn't exit properly



Rock Muons / POT



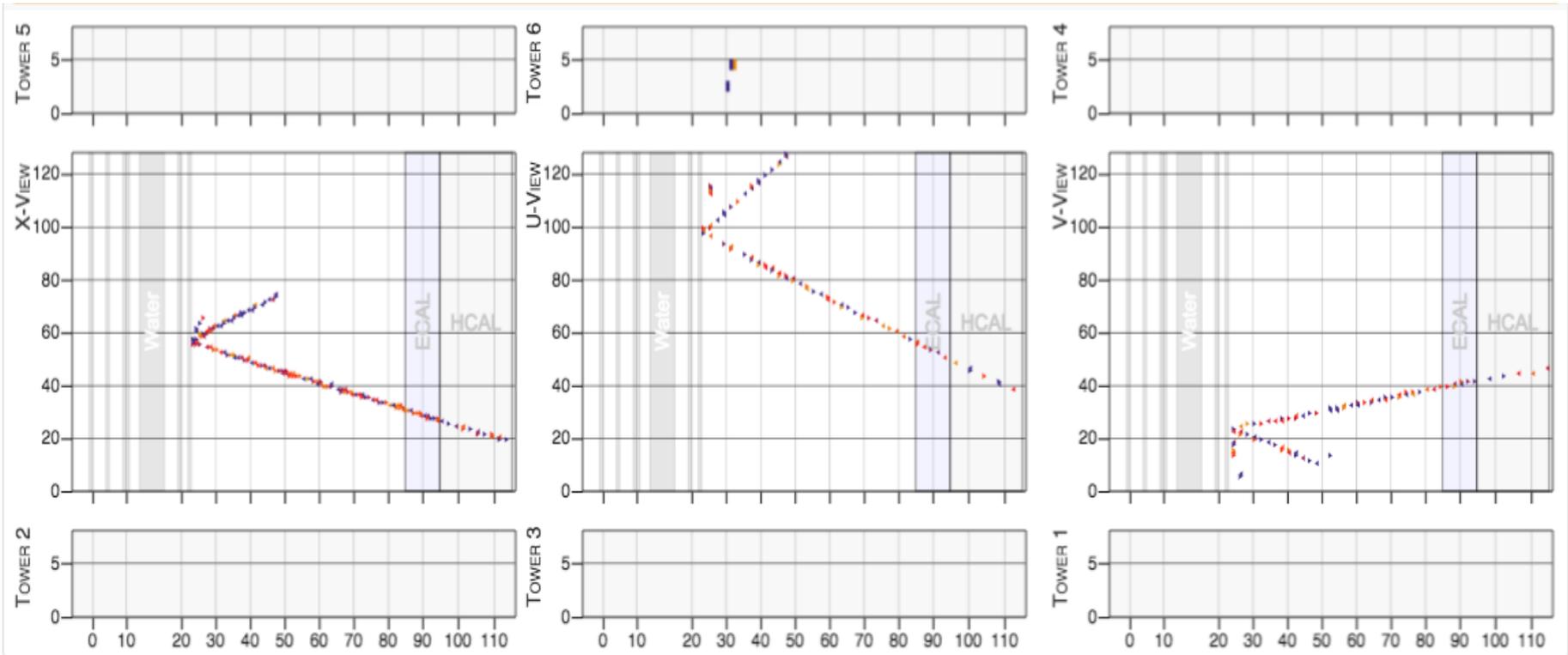
POT/Pulse



Rock Muons/POT



Event Display



X View

U View

V View

Charged Current candidate event

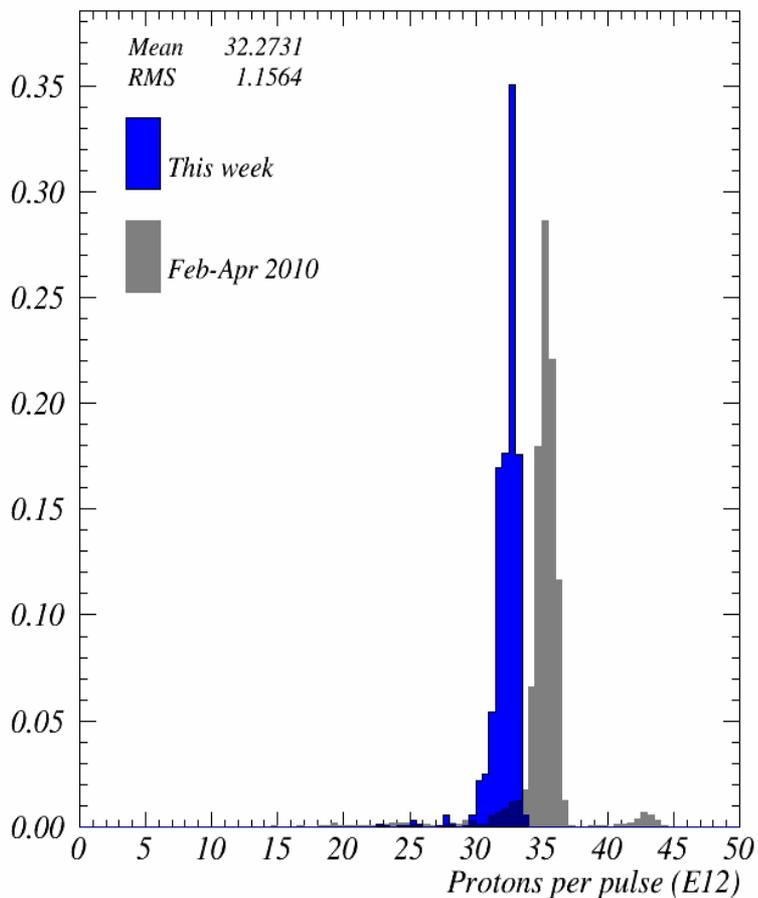


NuMI Beam Plots

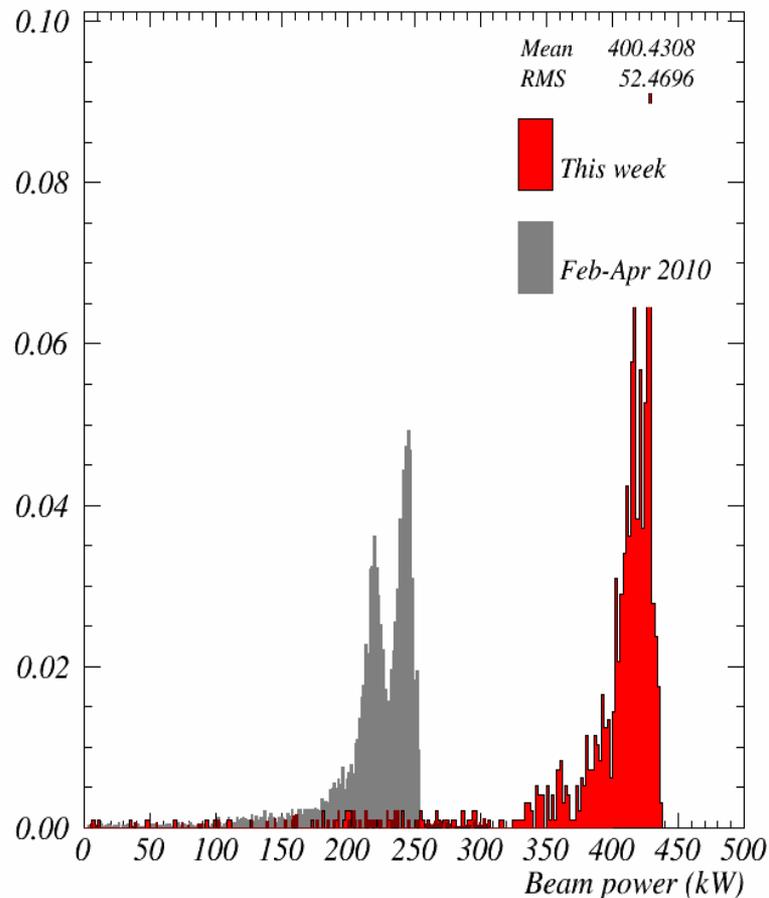
May 4 - May 10, 2015



Week ending 00:00 Monday 11 May 2015

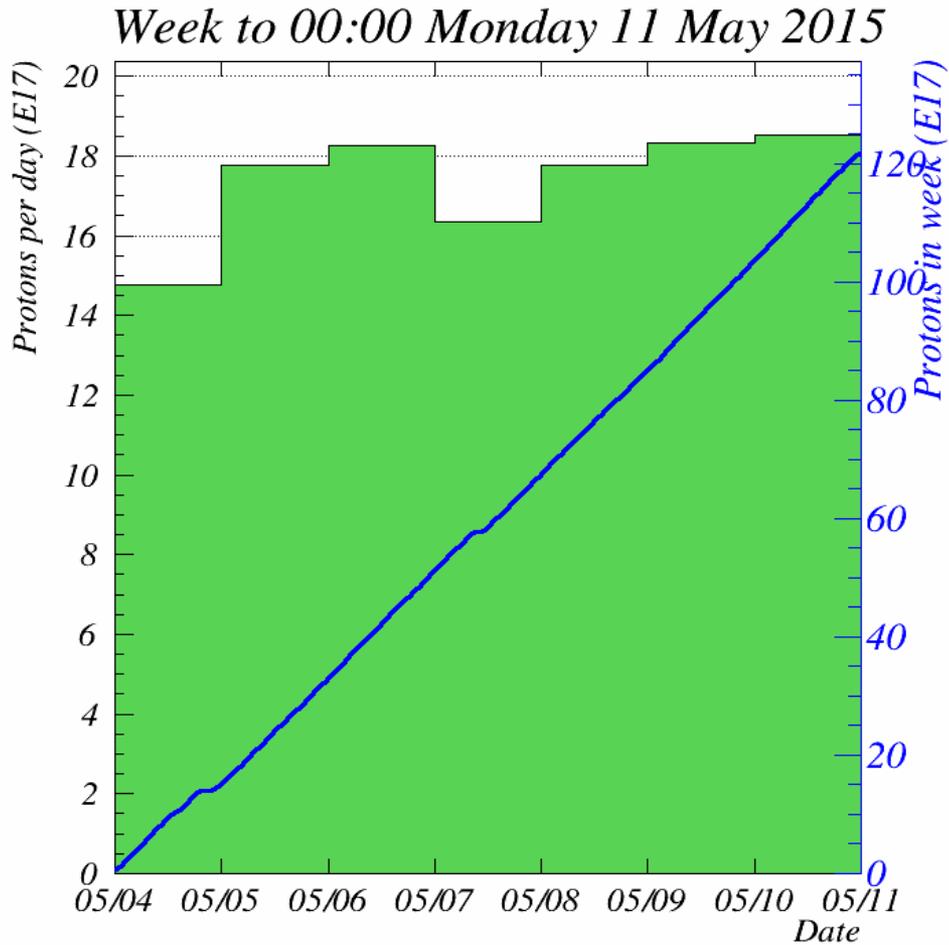


Week ending 00:00 Monday 11 May 2015





Protons for the Week

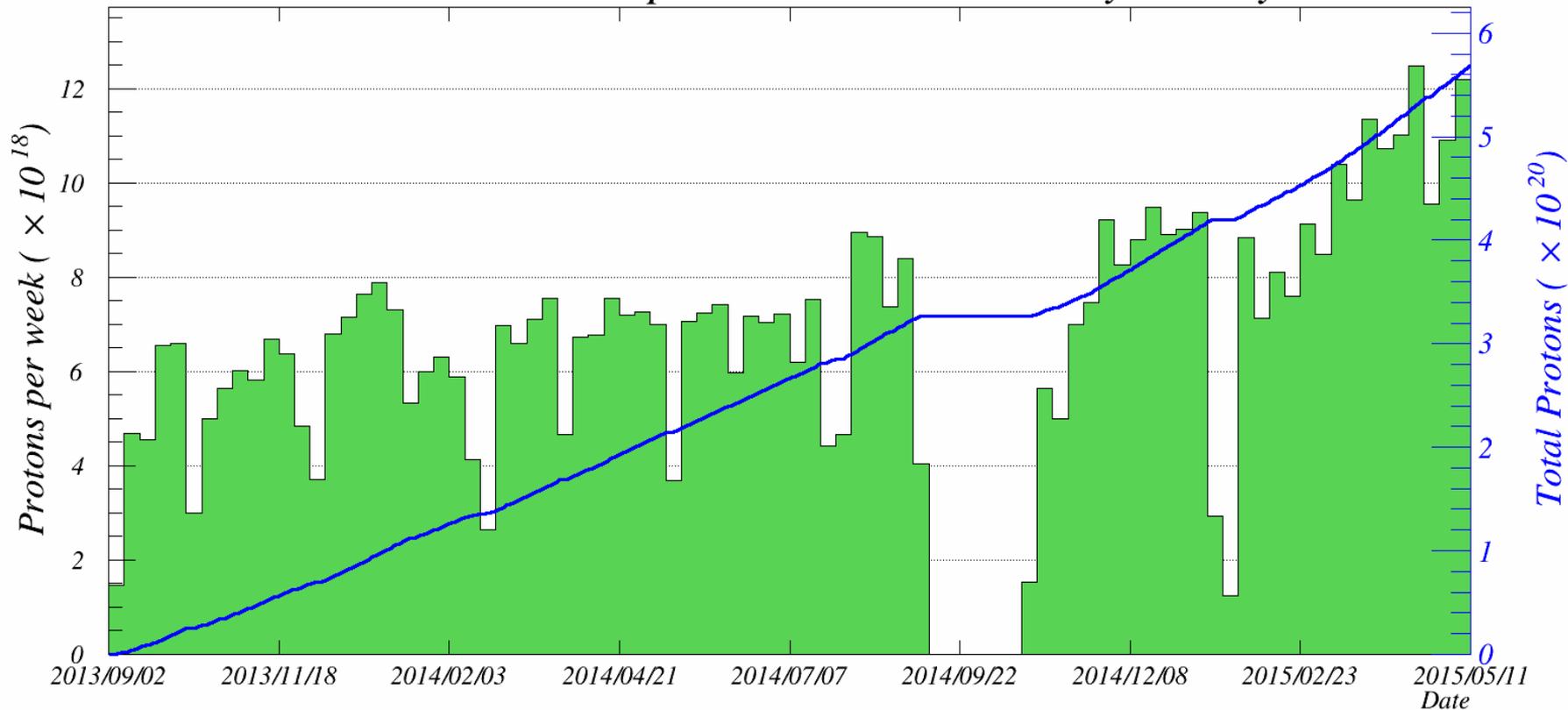


1.22×10^{19} POT
May 4-May 10, 2015



Protons for ME Run

*Total MINOS+/*NO*vA protons to 00:00 Monday 11 May 2015*



56.75×10^{19} POT - Sep 6, 2013 at 15:00 – May 10, 2015