

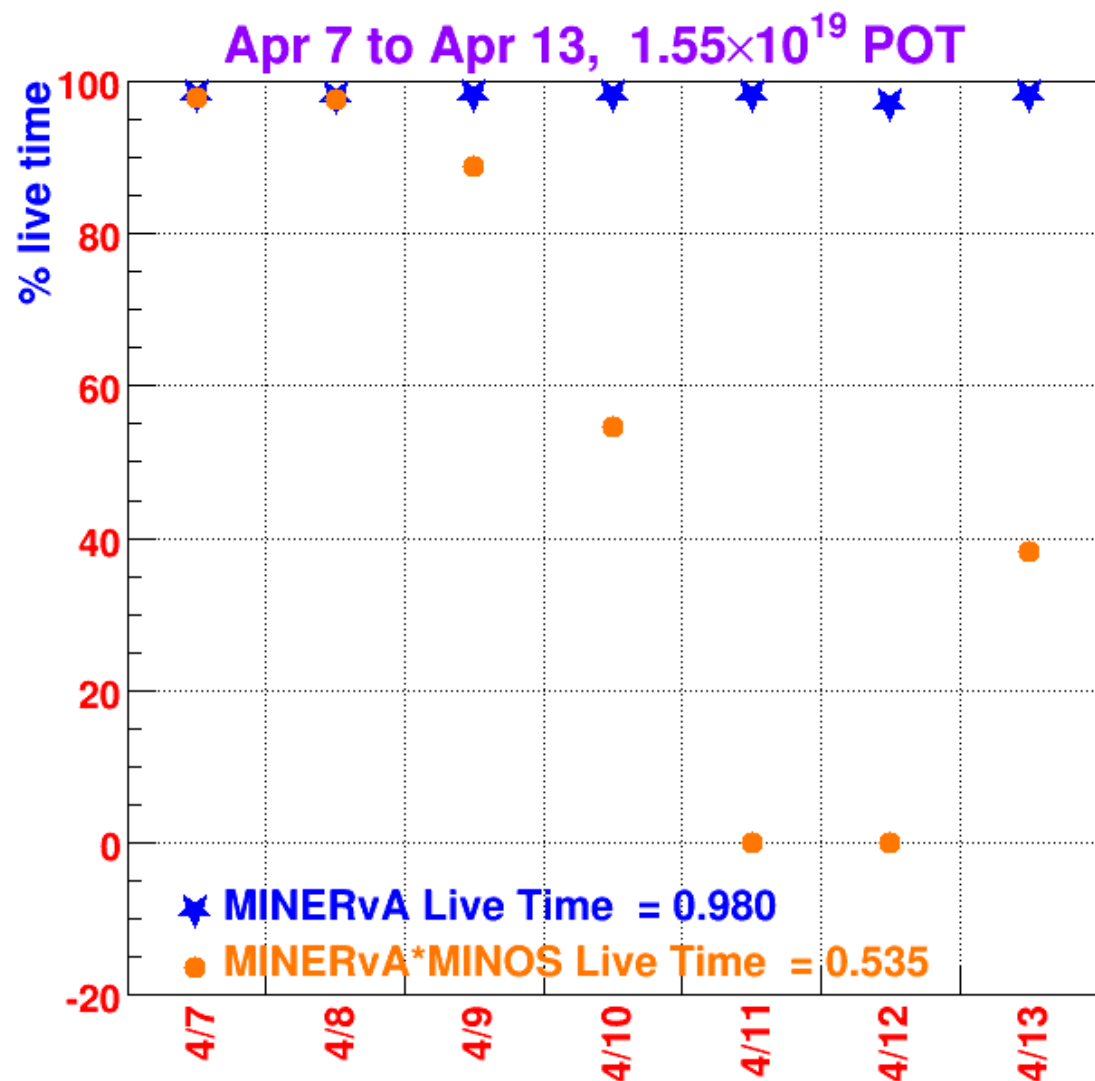
The MINERvA Operations Report All Experimenters Meeting

Howard Budd, University of Rochester
Apr 25, 2016





v Data



- Plot from last weeks livetimes
- Live Time – Apr 7-13 , 2016
- 1.55×10^{19} POT
- MINERvA 98.0%
 - MINERvA efficiency high for each day
- MINERvA*MINOS 53.5%



ν Data



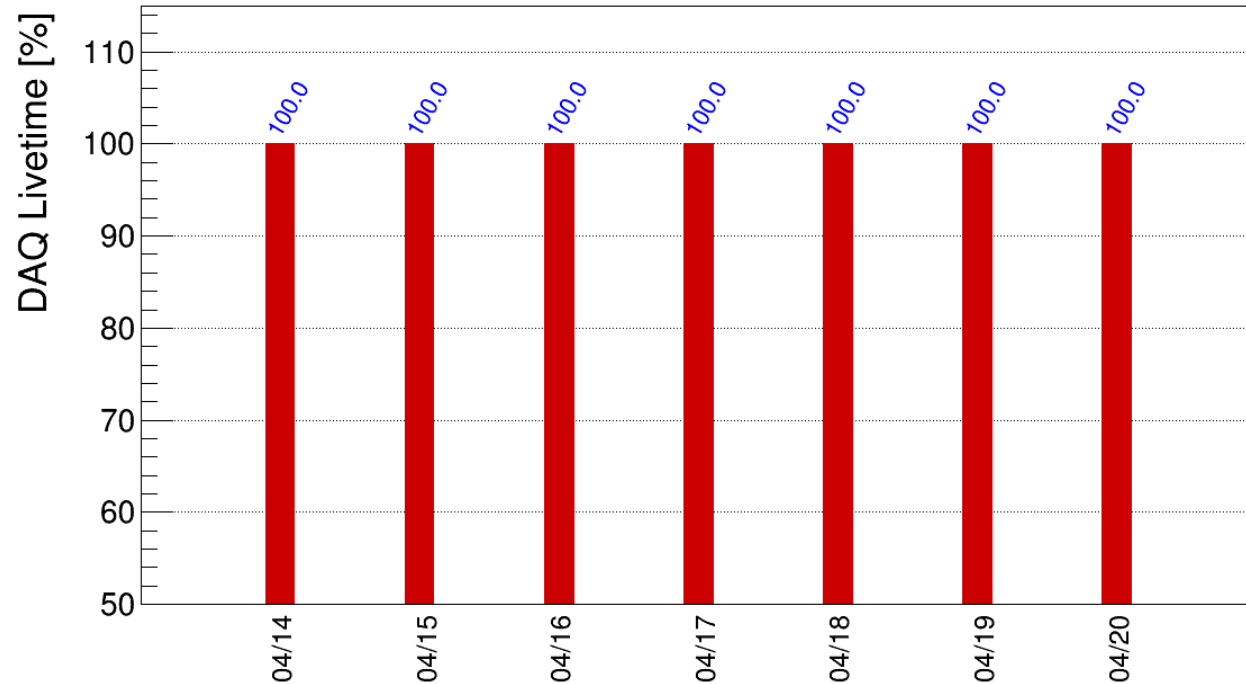
- As Donatella presented last week, the MINOS data during Apr 10-13 was marked bad due to light injection (56%, 0%, 0%, 39% live). The efficiency for physics data taking during that week was $\sim 99.4\%$. The investigations are continuing as to whether this data can be recovered, but it may not be usable.



v Data



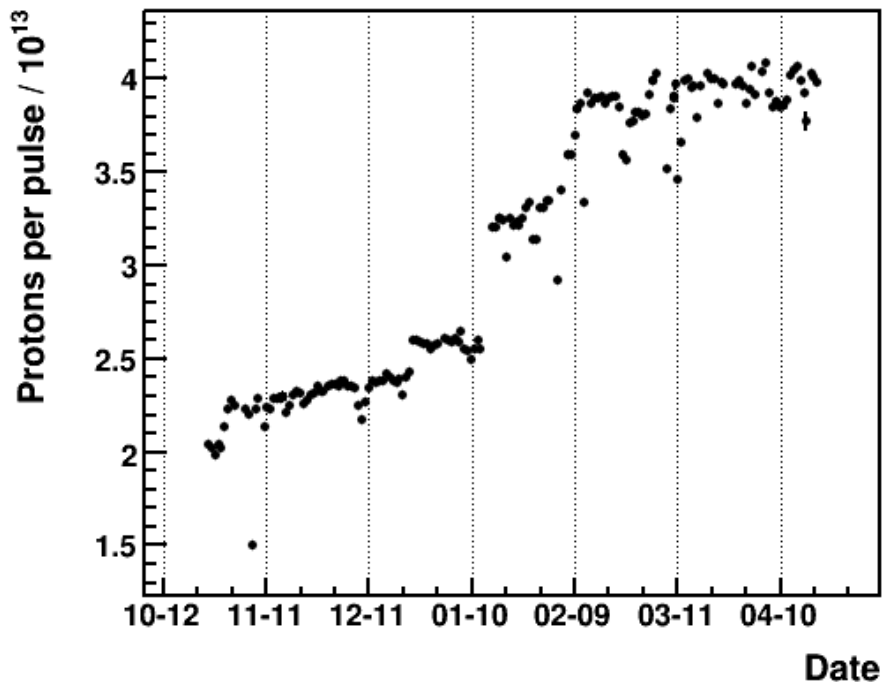
Avg. 04/14-04/20 = 100.0% MINERvA DAQ Clock Livetime



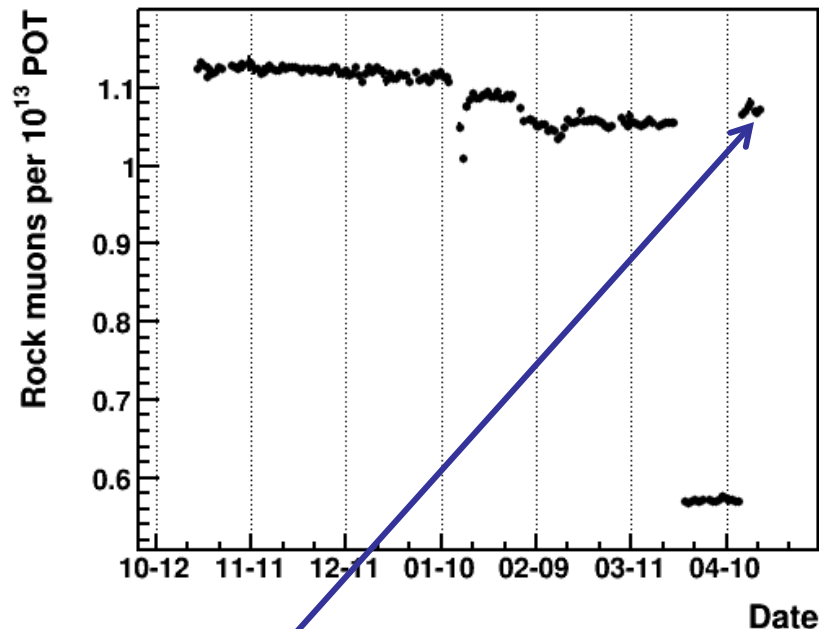
- I don't have POT live times for Apr 14-20, They will be shown next week
- MINERvA DAQ live time - 100% for Apr 14-20, 2016
- We have been running very well, with no DAQ or Data errors
- We were unaffected by the power glitch on Apr 23.



Rock Muons/POT



POT/Pulse

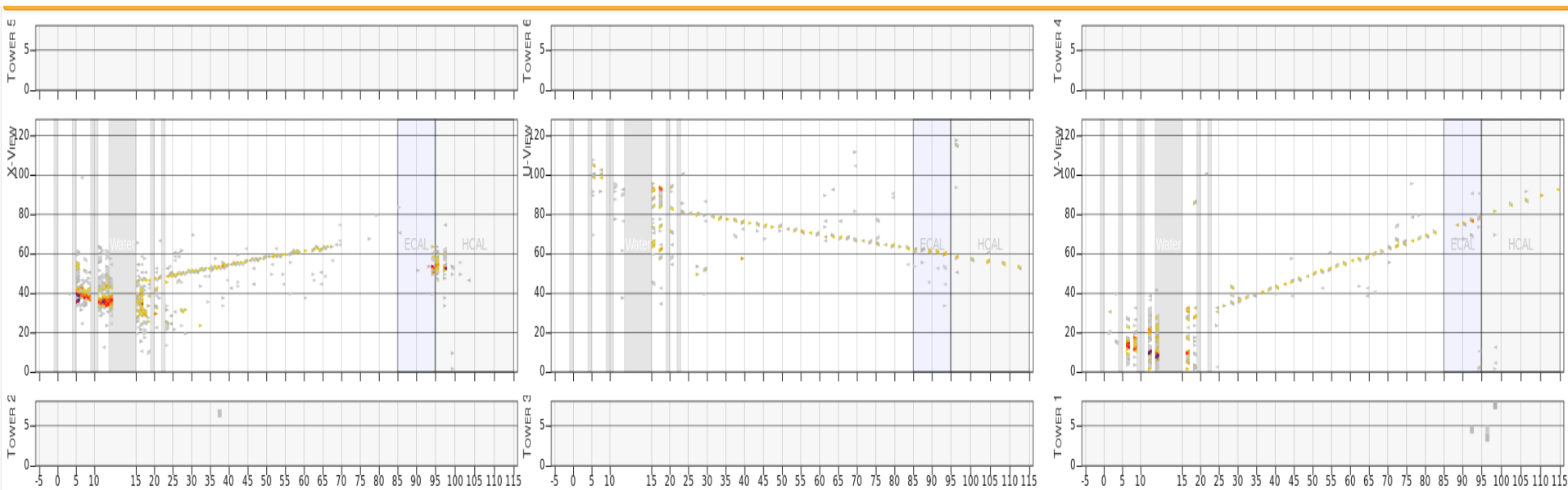


Rock Muons/POT

- The problem with the rock muon plot due swapping of chain 1-2-3 to 1-6-3 on Mar 25 is fixed. The rock muon rate is back to its nominal rate.



Event Display



X View

V View

U View

2 Events in Same Time Slice

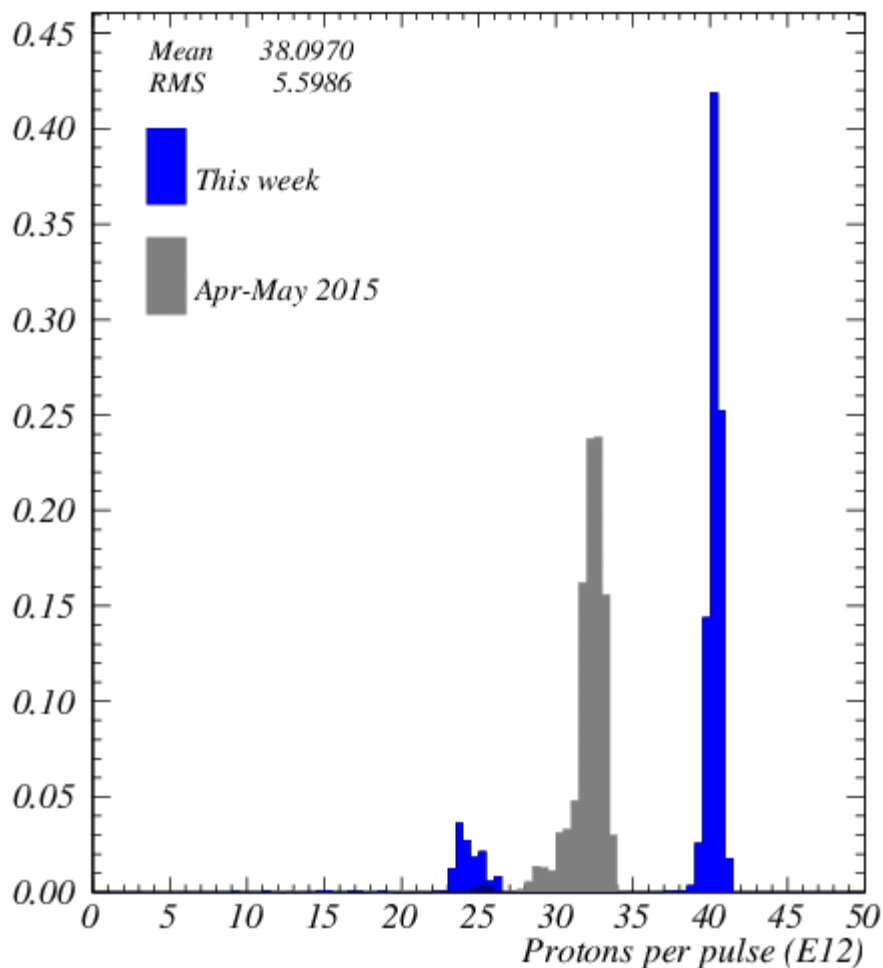


NuMI Beam Plots

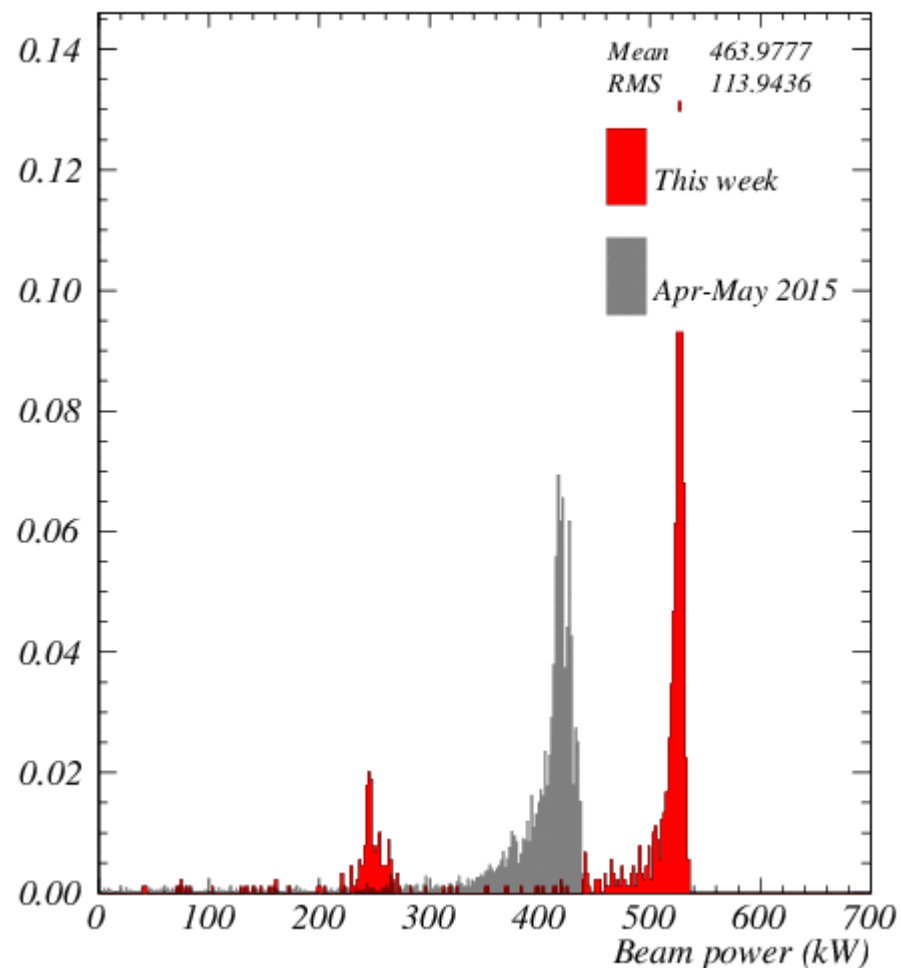
Apr 18-24, 2016



Week ending 00:00 Monday 25 April 2016



Week ending 00:00 Monday 25 April 2016

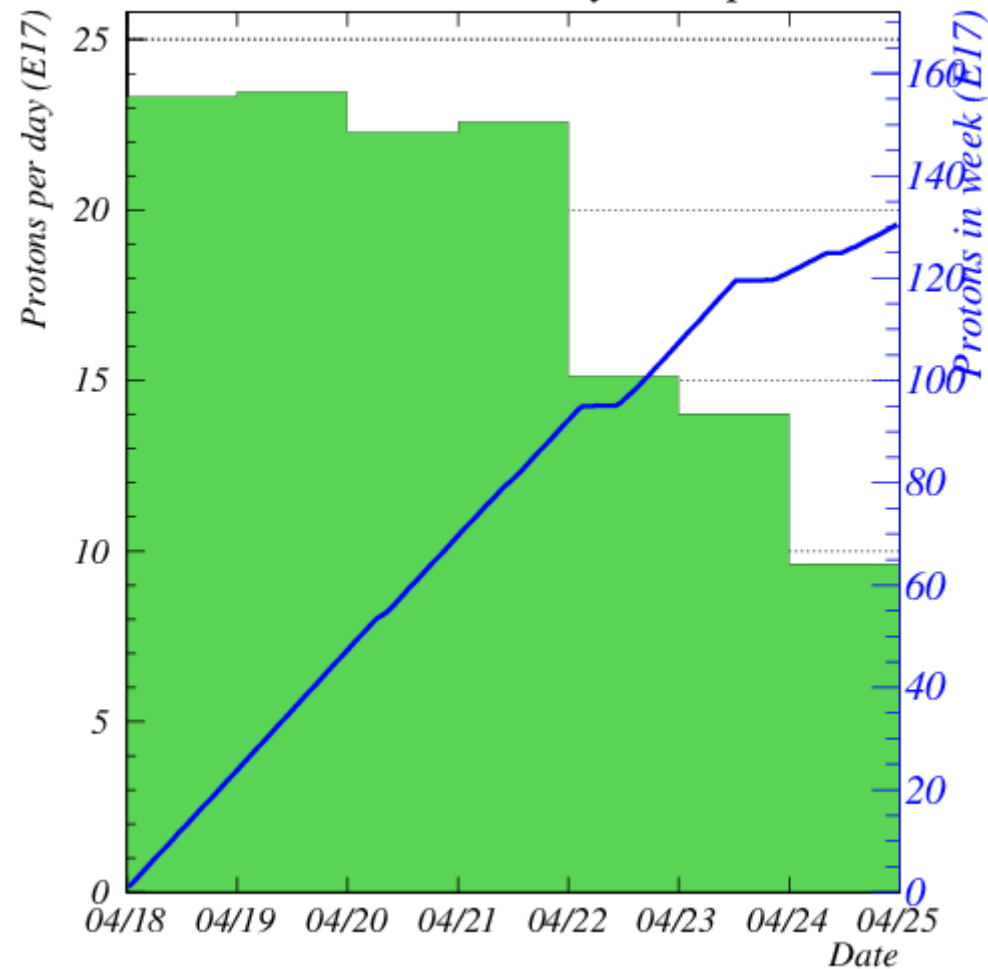




Protons for the Week



Week to 00:00 Monday 25 April 2016



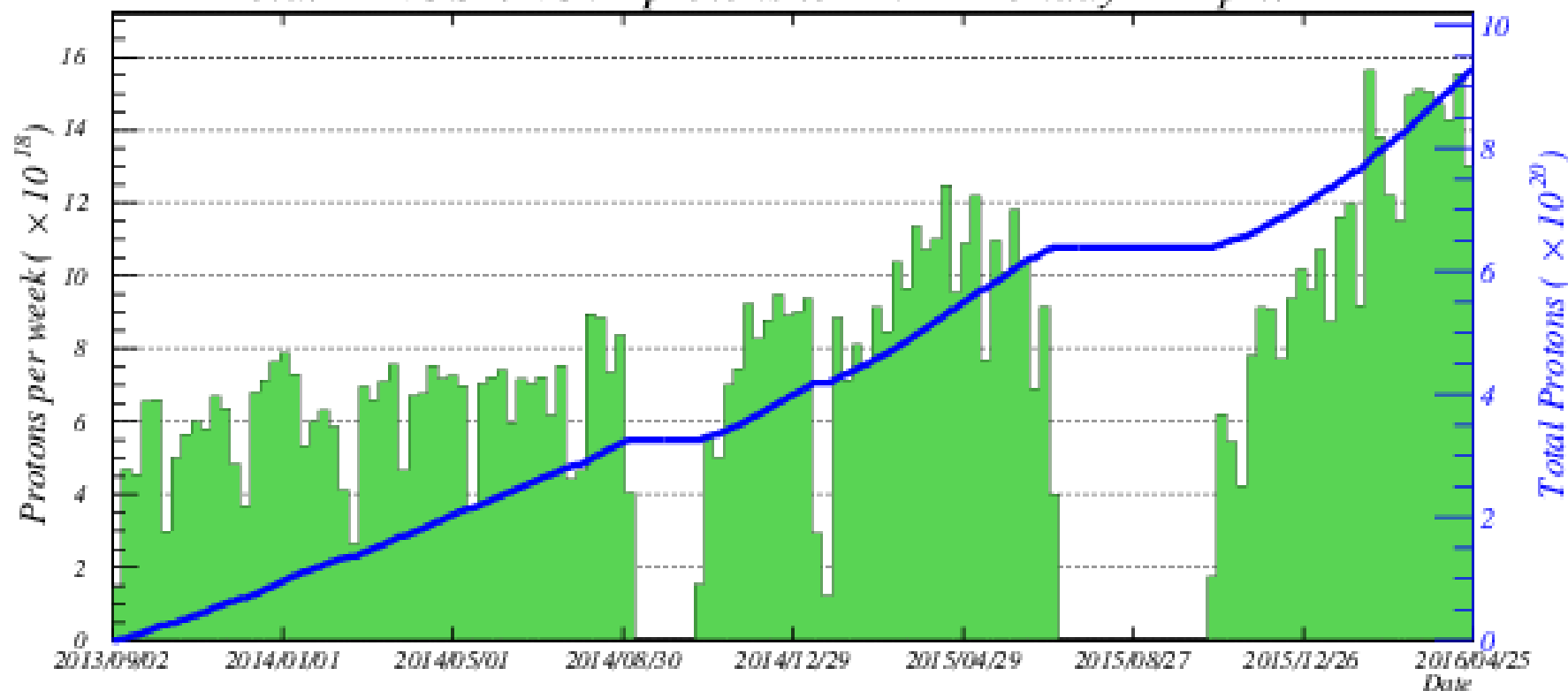
1.30×10^{19} POT
Apr 18-24, 2016



Protons for ME Run



Total MINOS+/NOvA protons to 00:00 Monday 25 April 2016



92.72×10^{19} POT - Sep 6, 2013 – Apr 24, 2016