

MINER_vA

OPERATIONS REPORT

César Castromonte

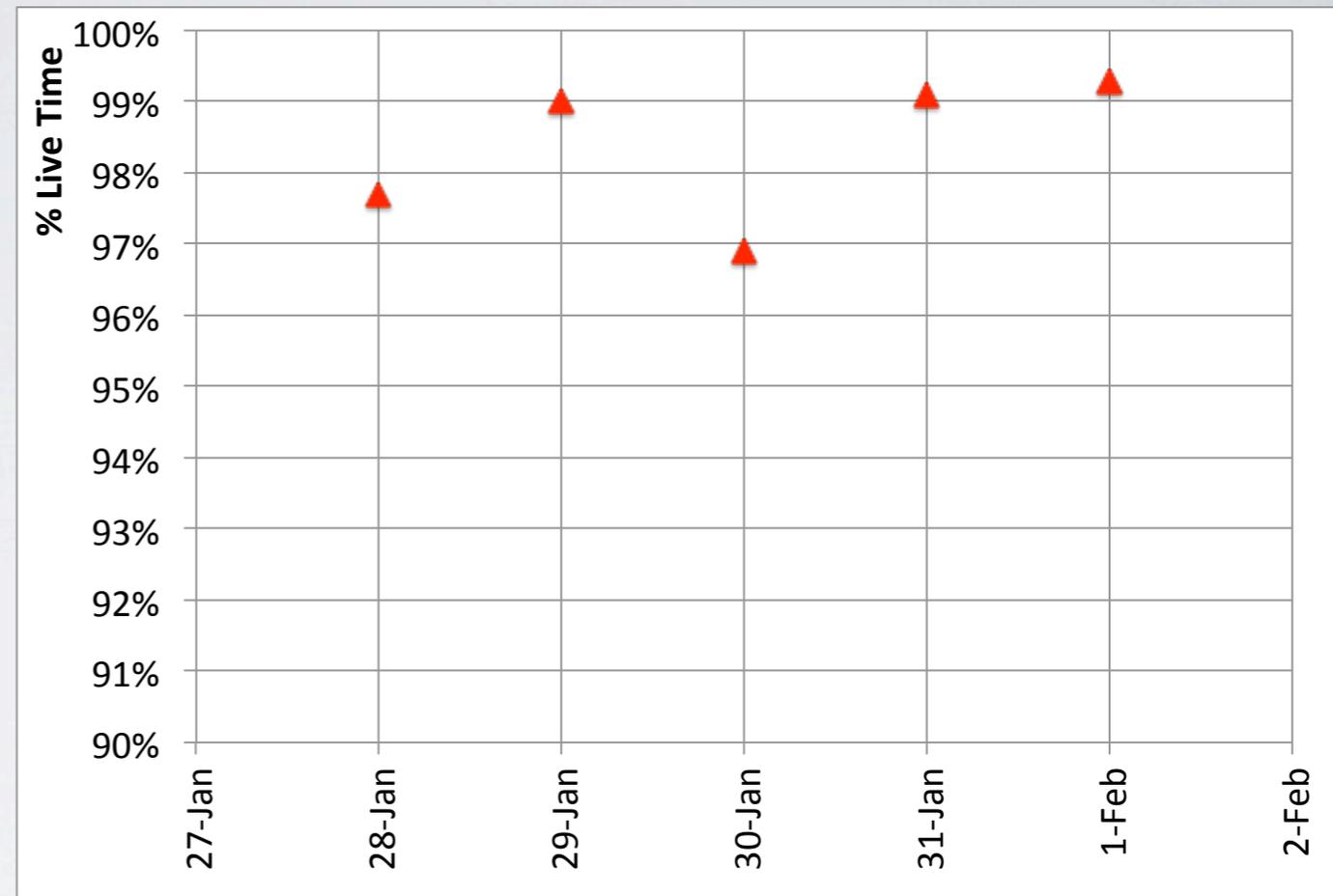
All Experimenters Meeting, Feb. 6, 2012



ν Data

% Live time Jan. 27 - Feb. 2

- 1.54×10^{20} POT with NT-07.
- 1.49×10^{20} POT for ν , Oct. 6, 2011 - Feb. 2, 2012, LE10 with NT-07.
- NuMI: 5.05×10^{18} POT delivered.
- MINERvA: 4.95×10^{18} POT recorded, ~98.4% live time.
- Minos: 99.7% live time.
- MINOS*MINERvA live time 98.1%.
- No info for Feb. 1 & 2 because MI magnet replacing.

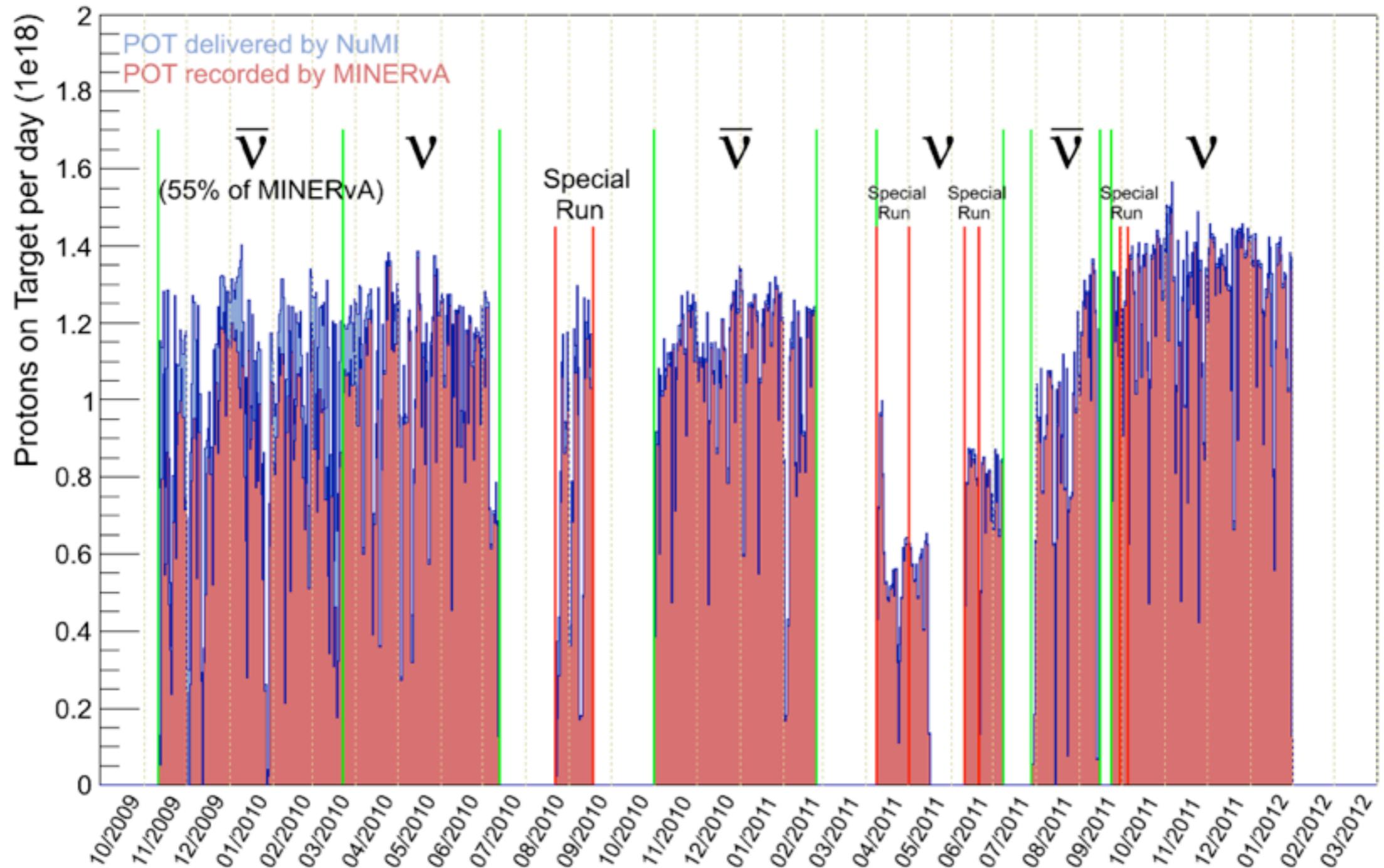


MINERvA issues addressed during beam downtime.

- ◆ Front End Board (FEB) replaced 0,6,2,8 (3 dead channels).
- ◆ FEB for MS26E4 has been resetting itself. We interchanged the Cat5 cables from MS23E4 to see if there was a problem with the cables (cables are the same length so no timing should change).
- ◆ A disk for “mnavonlinelogger” died. It was replaced and is OK now.
- ◆ We are still investigating problems created after water target installation (damaged cables, loosen cables).

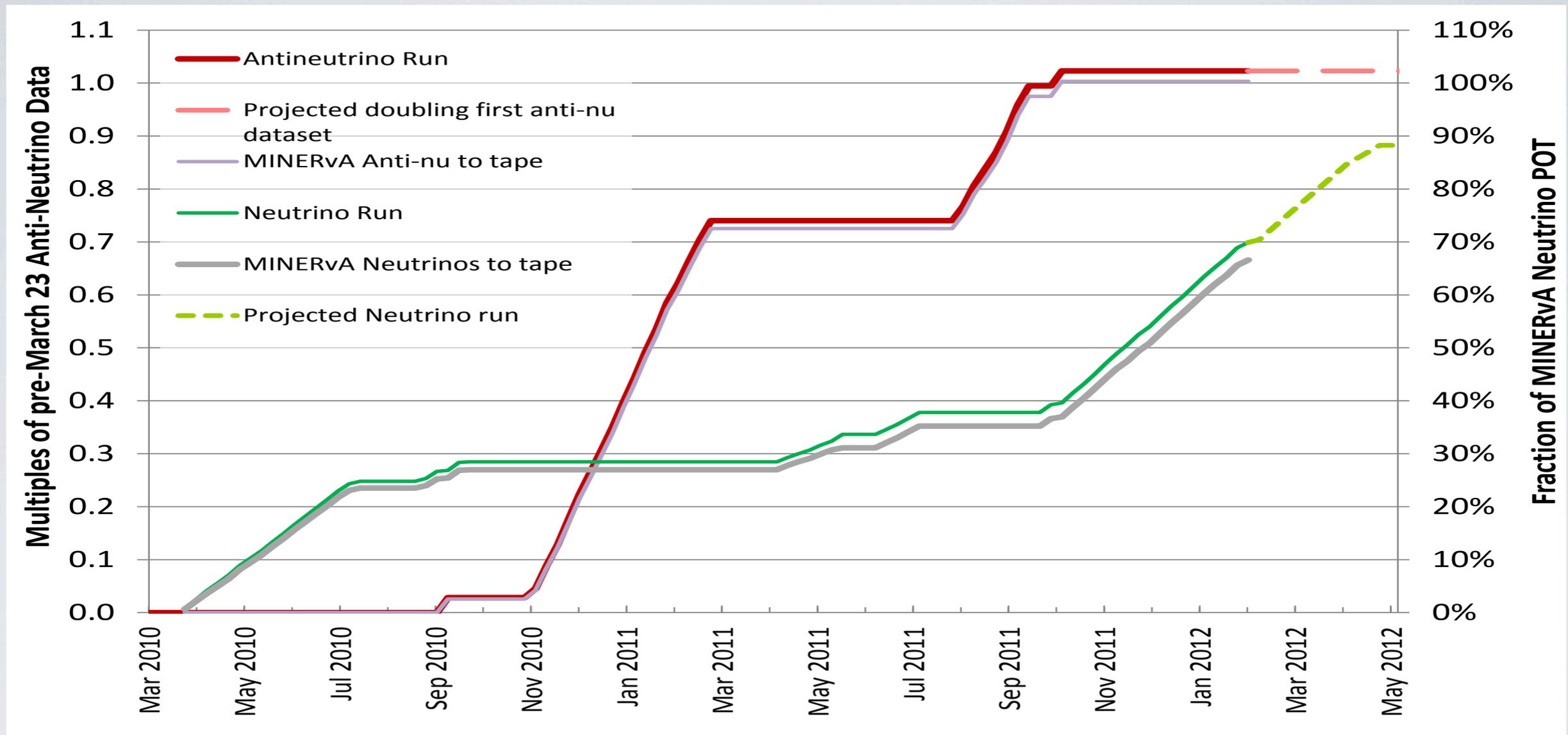


MINERvA POT/Day Nov. 2009 - Present





Accumulated POT to Feb. 2

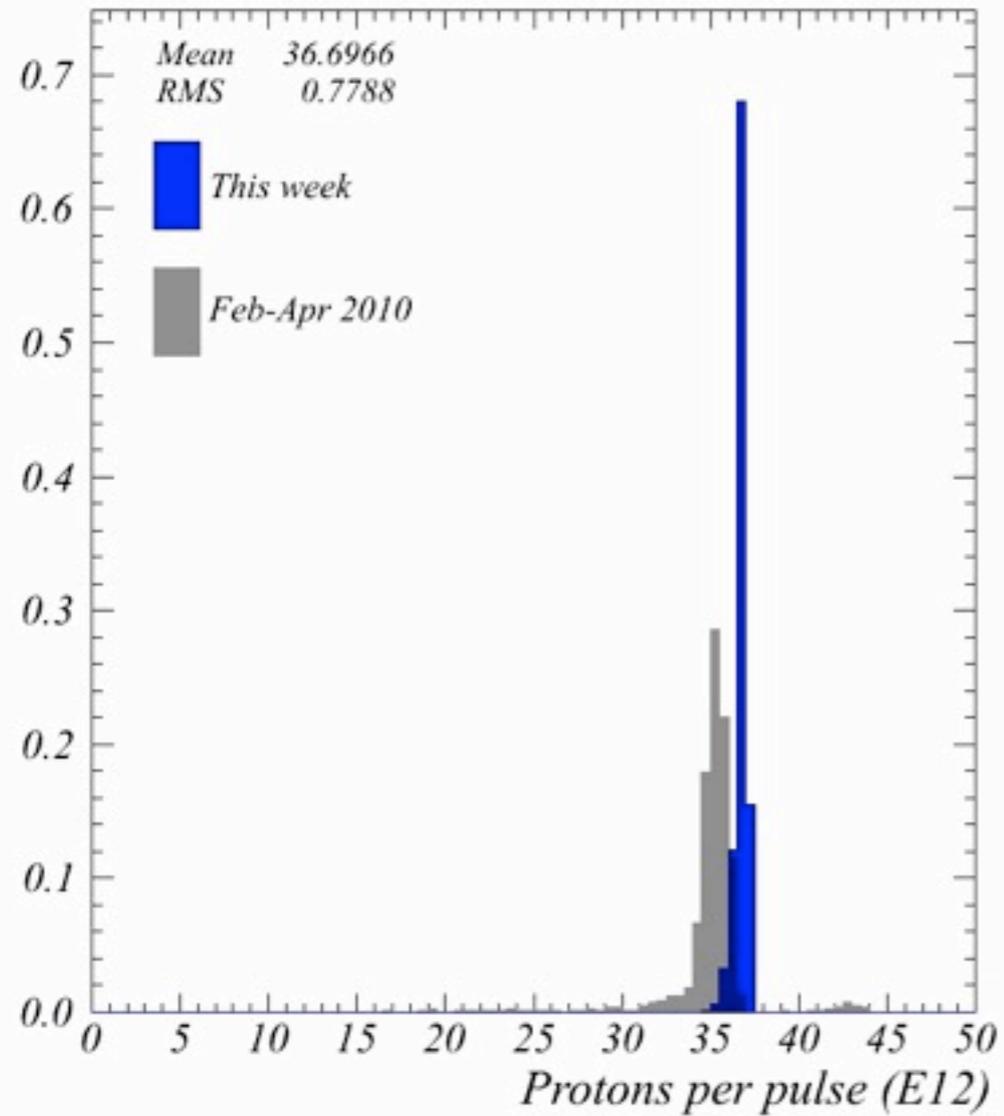


- Anti- ν run, full scale corresponds to 1.76×10^{20} POT
 - # POT for collected for anti- ν before Mar 23 10, official start of MINERvA ν run
- NT02 running gives enough anti- ν data for doubling of the 1st anti- ν data set.
- Minerva run , full scale corresponds to 4.9×10^{20} POT.
 - # for which MINERvA project & experiment were reviewed & the detector built.
- Projected assumes 0.93×10^{18} POT/day.
 - # POTs – average from Oct. 2011 to now.
 - Assumes 8 days MI shutdown & reduced intensity for last 3 weeks.

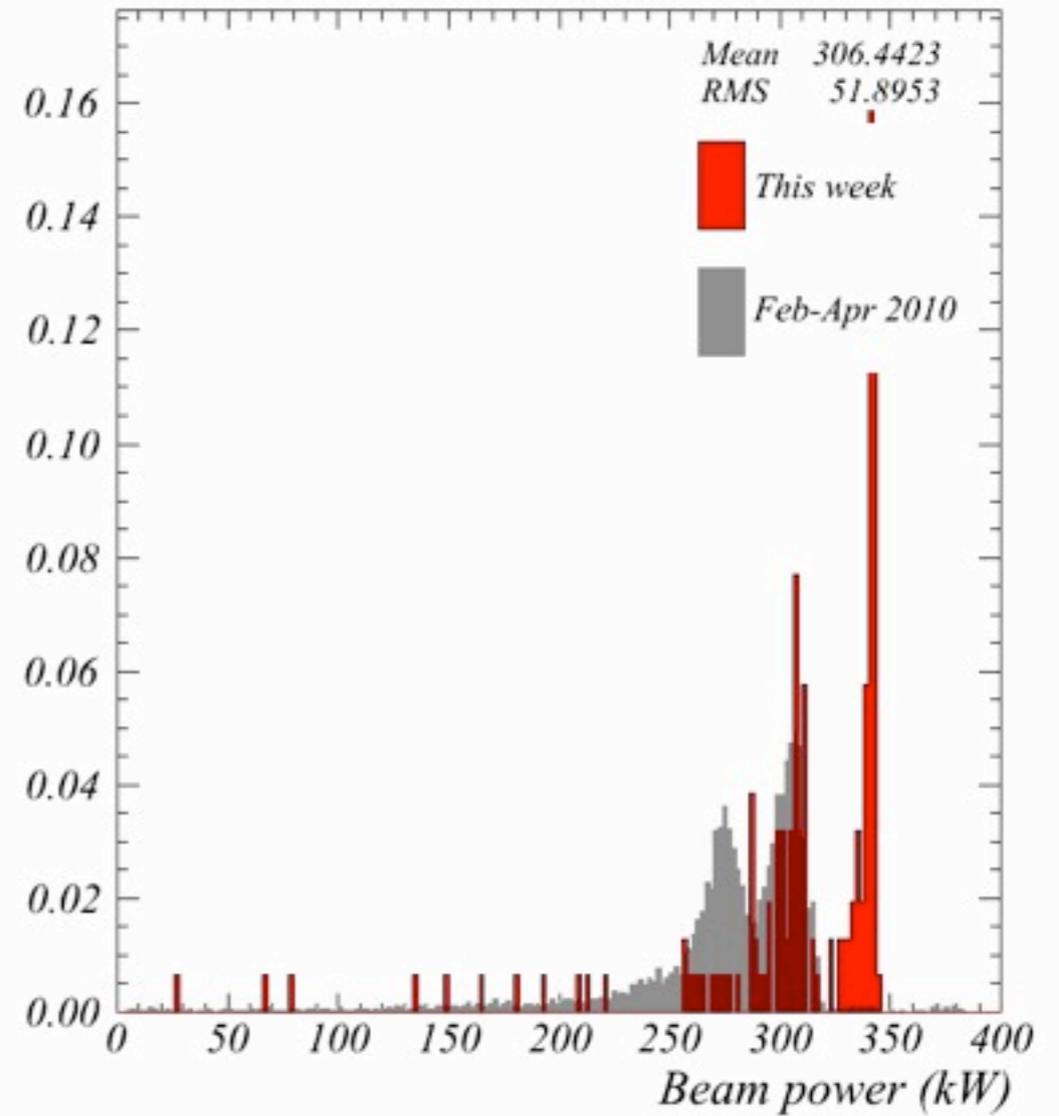


NuMI Beam Plots

Week ending 00:00 Monday 06 February 2012

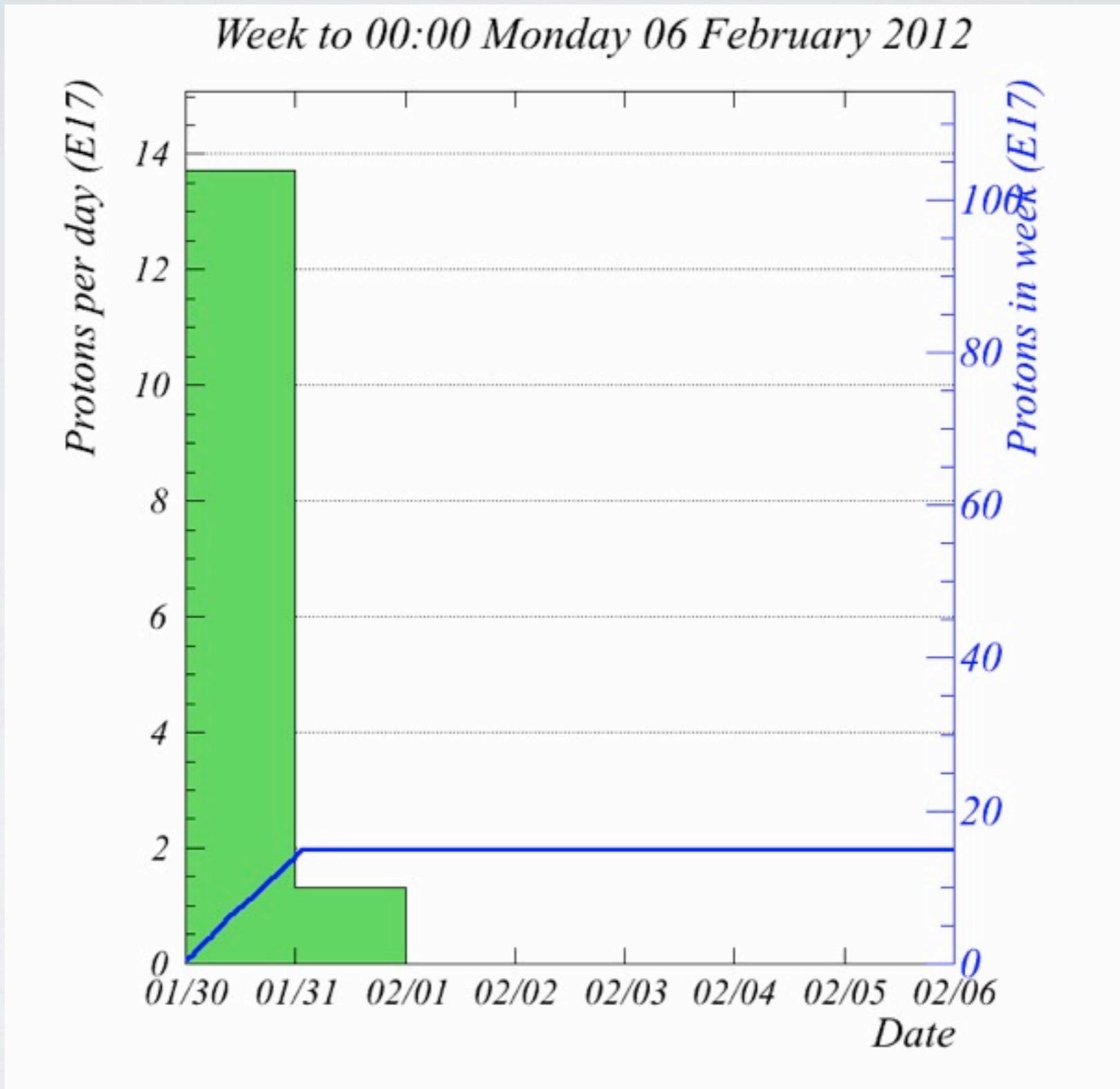


Week ending 00:00 Monday 06 February 2012





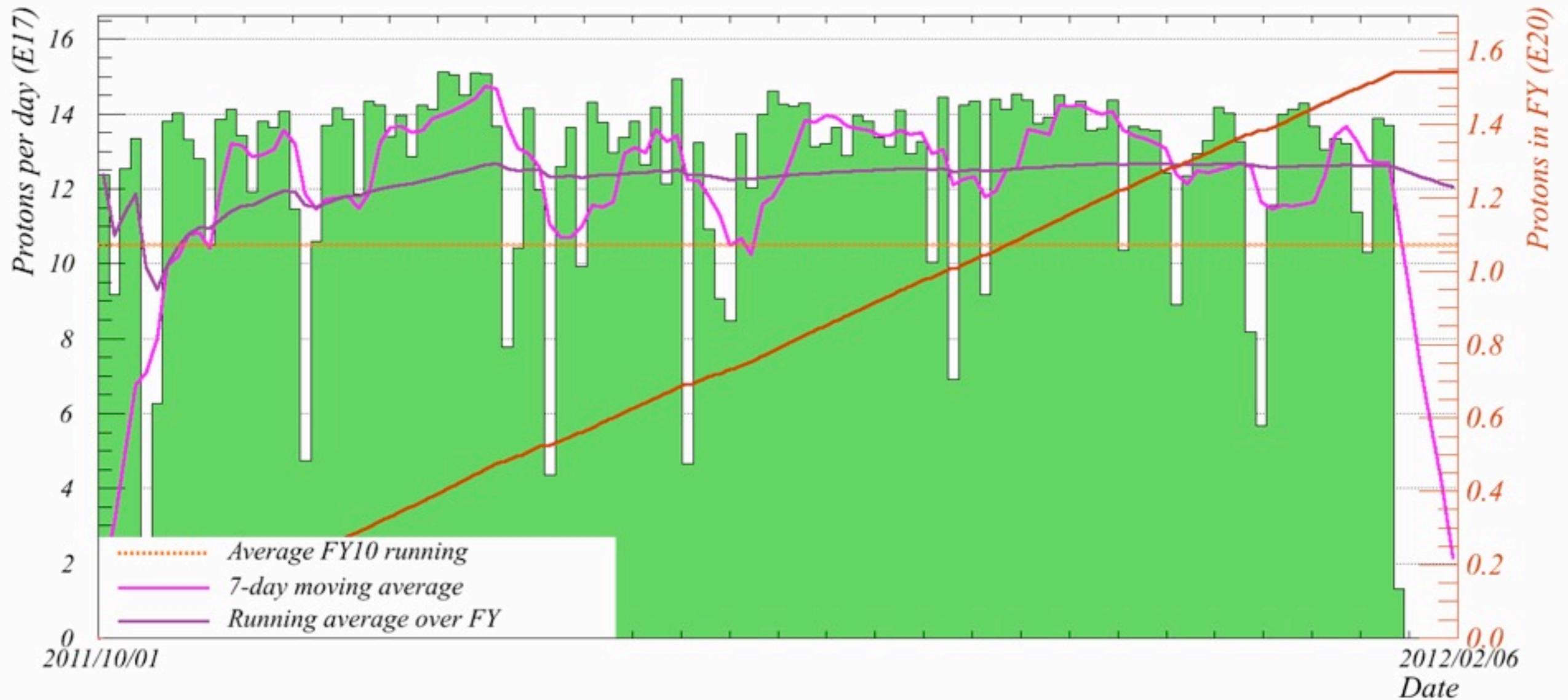
Protons for the Week





FY2011 Protons

FY12 NuMI protons to 00:00 Monday 06 February 2012





NuMI Protons over History

Total NuMI protons to 00:00 Monday 06 February 2012

