MINERνA OPERATIONS REPORT

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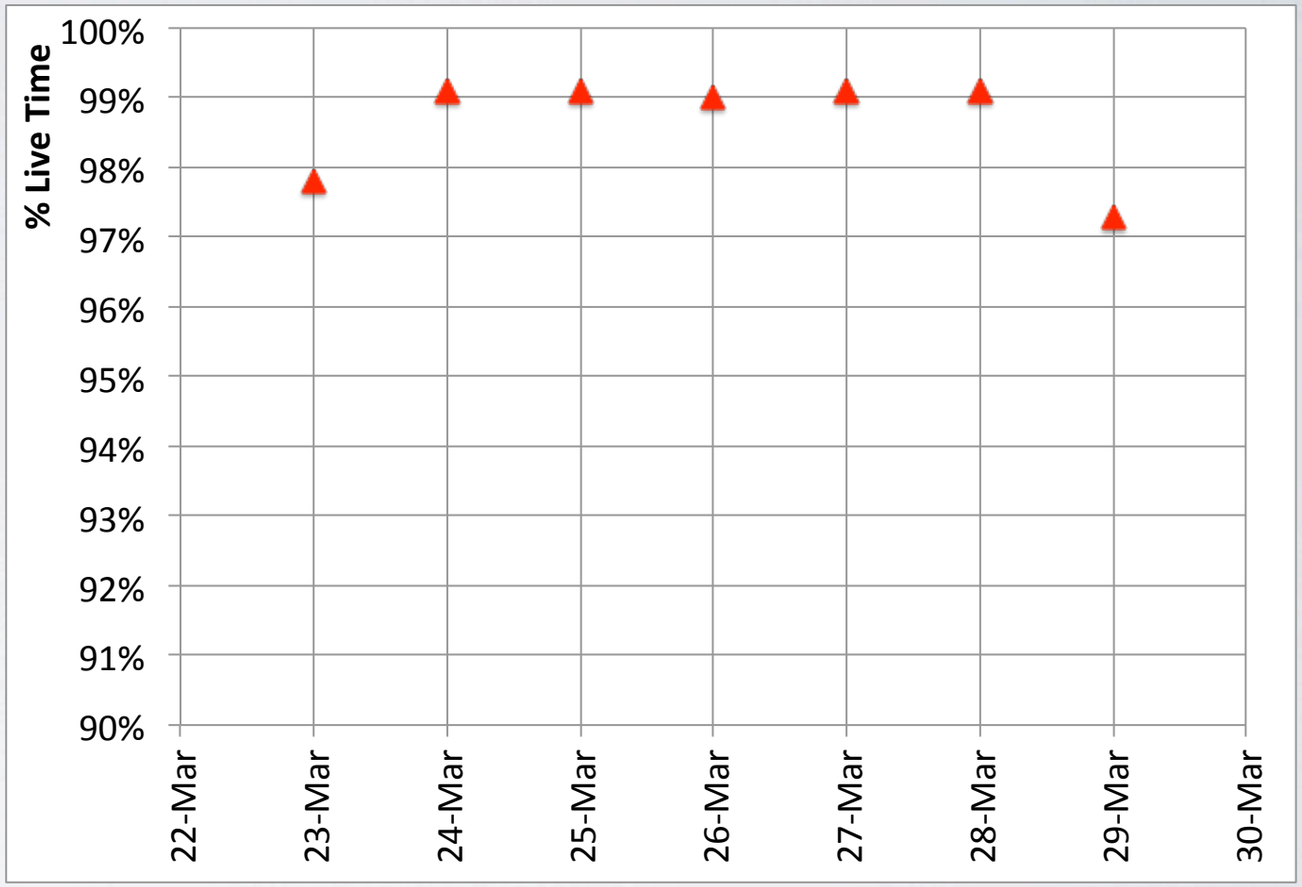
All Experimenters Meeting, Apr. 2, 2012

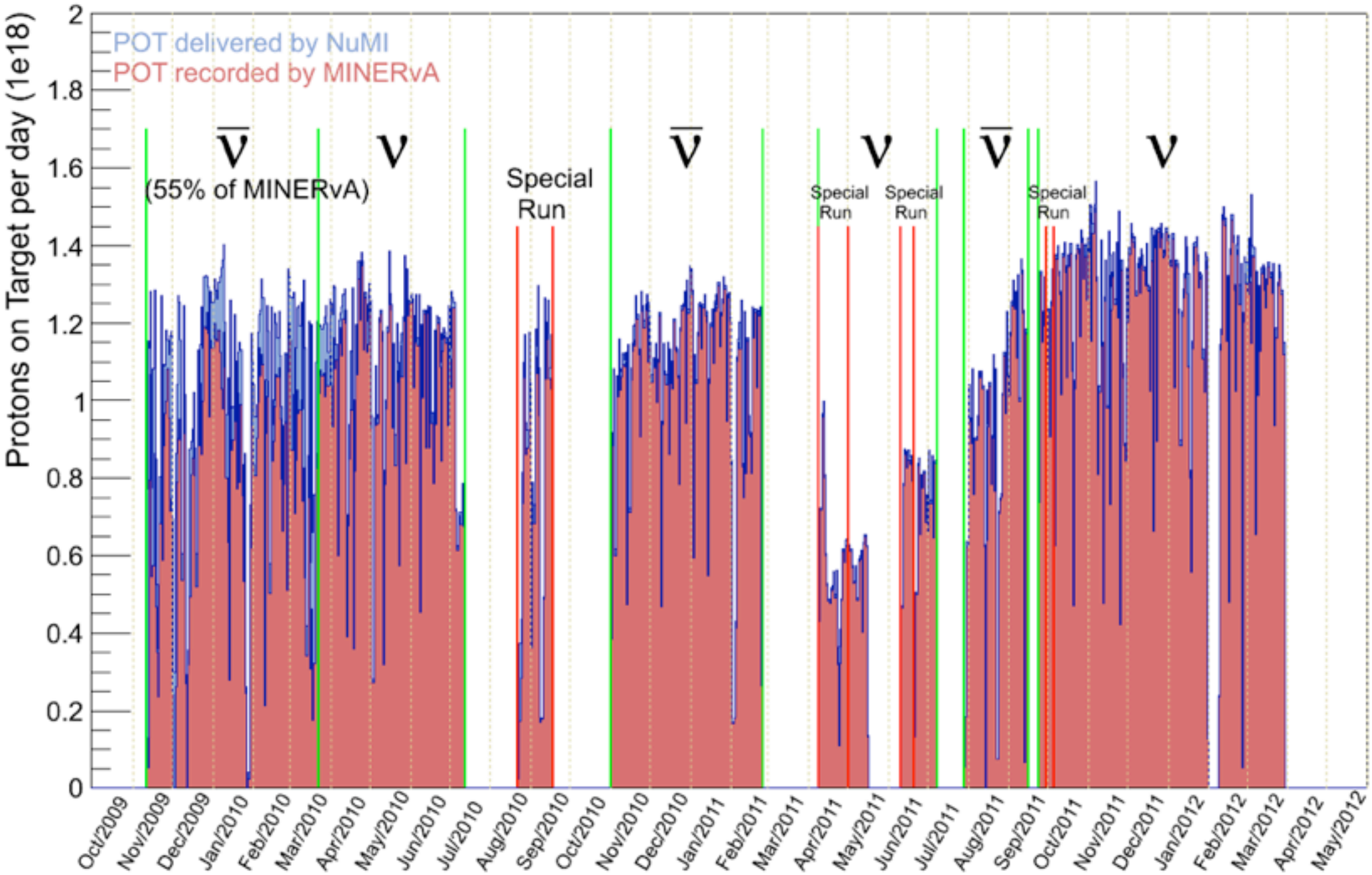
ν Data

% Live time Mar. 23 - Mar. 29

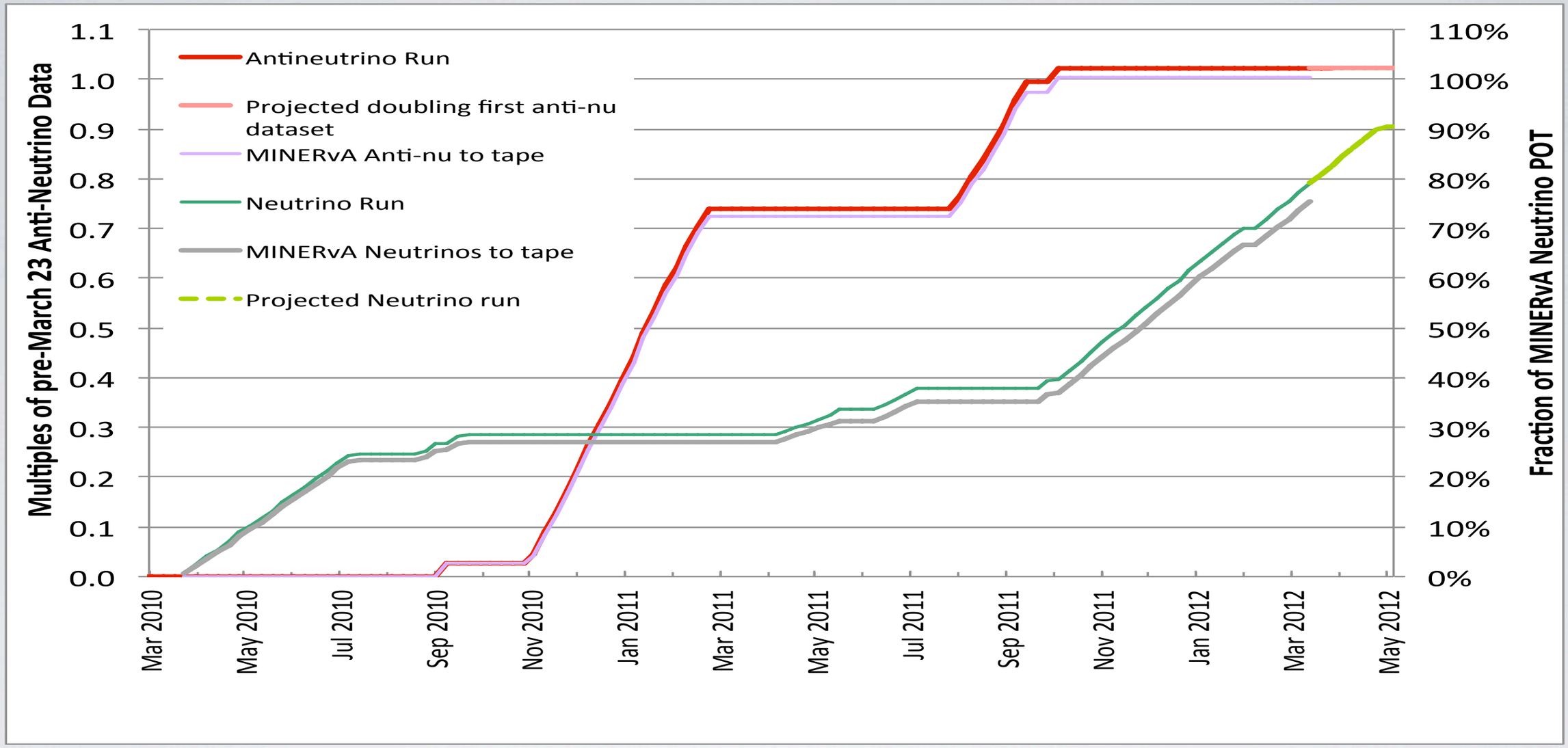
- 2.18×10^{20} POT with NT-07.
- 2.13×10^{20} POT for ν, Oct. 6, 2011 - Mar. 29, 2012, LE10 with NT-07.
- NuMI: 8.9×10^{18} POT delivered.
- MINERvA: 8.78×10^{18} POT recorded, ~98.6% live time.
- Minos: 99.3% live time.
- MINOS*MINERvA live time 97.9%.



MINERvA POT/Day
Nov. 2009 - Present

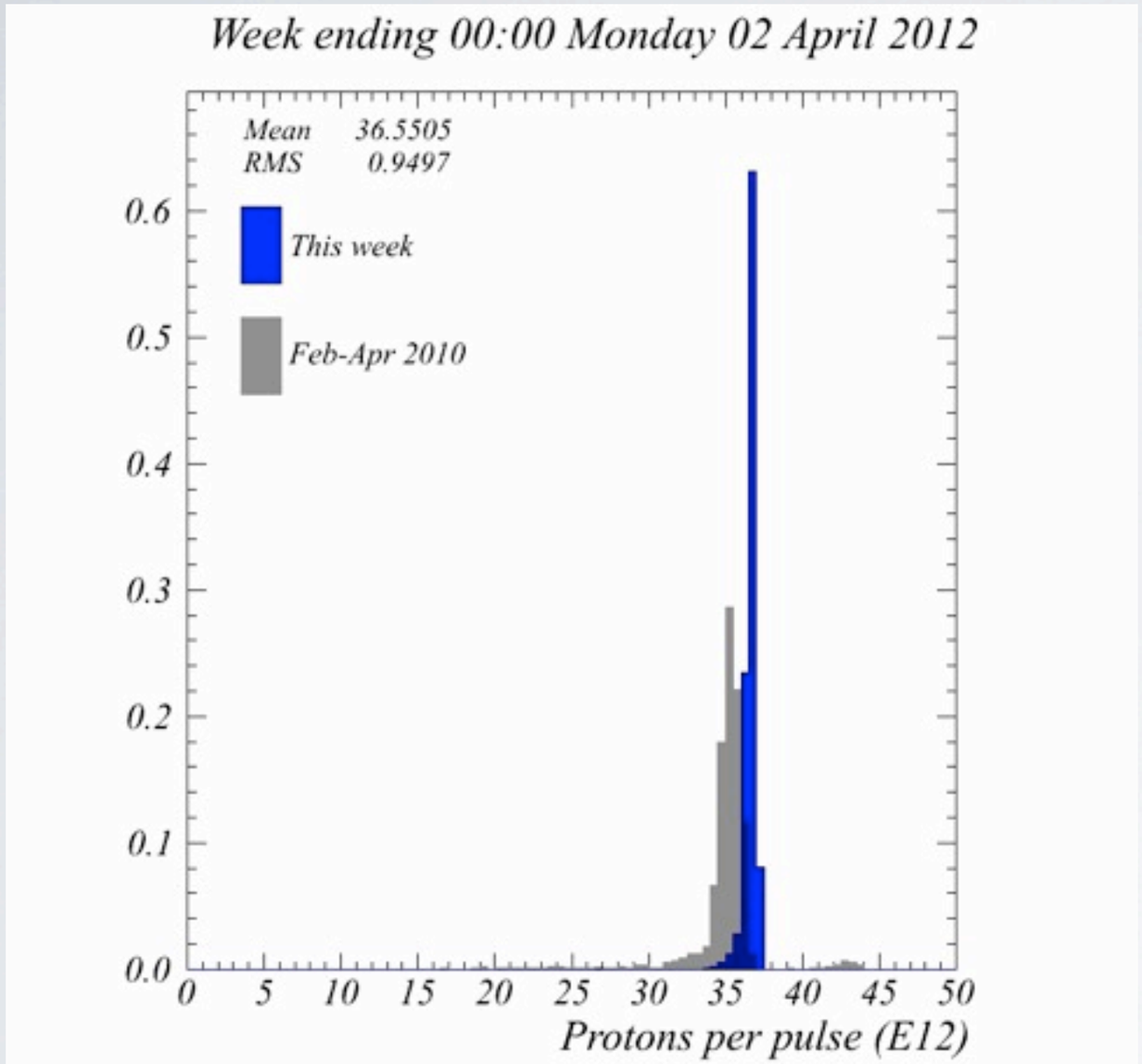


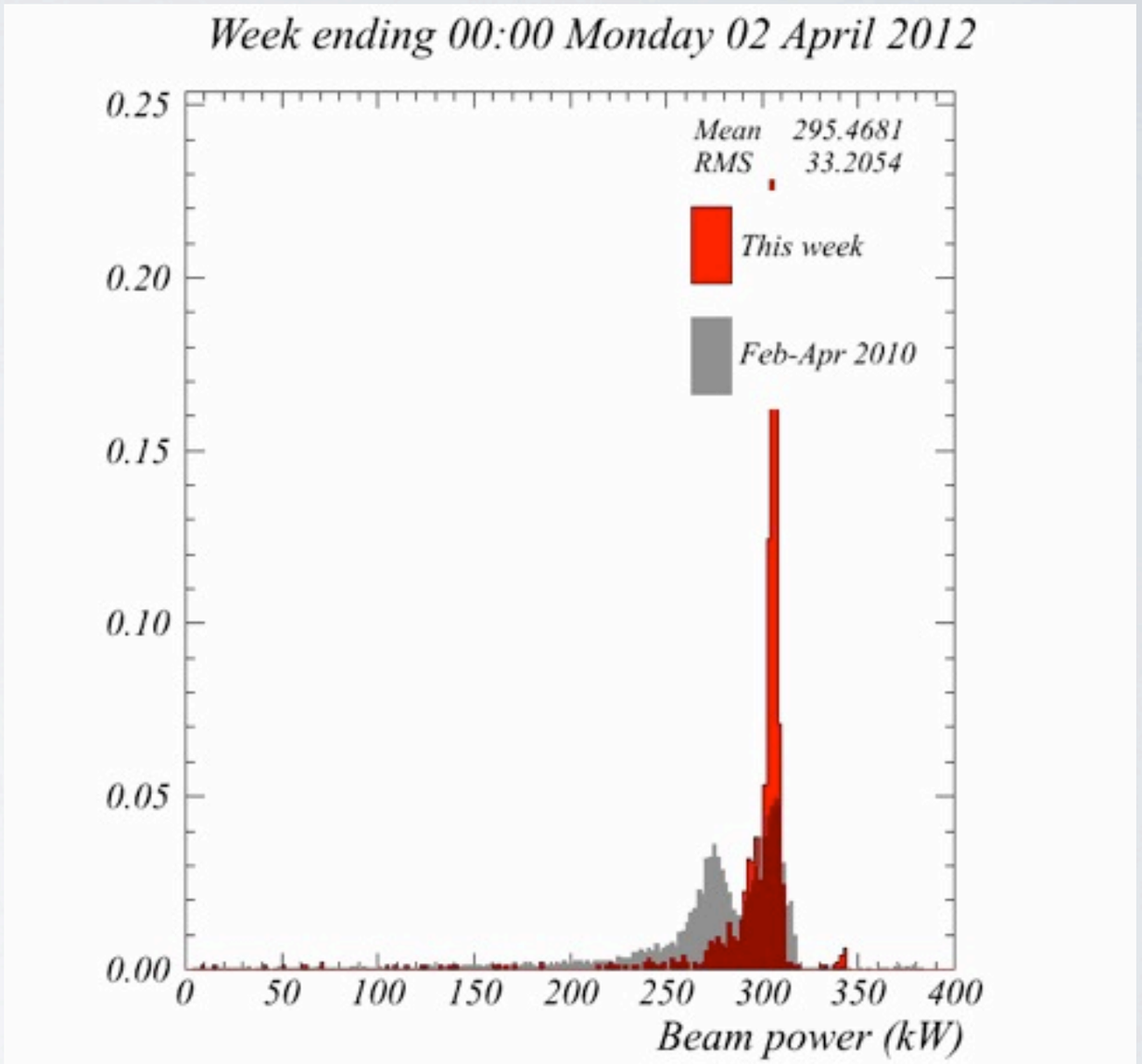
Accumulated POT to Mar. 29



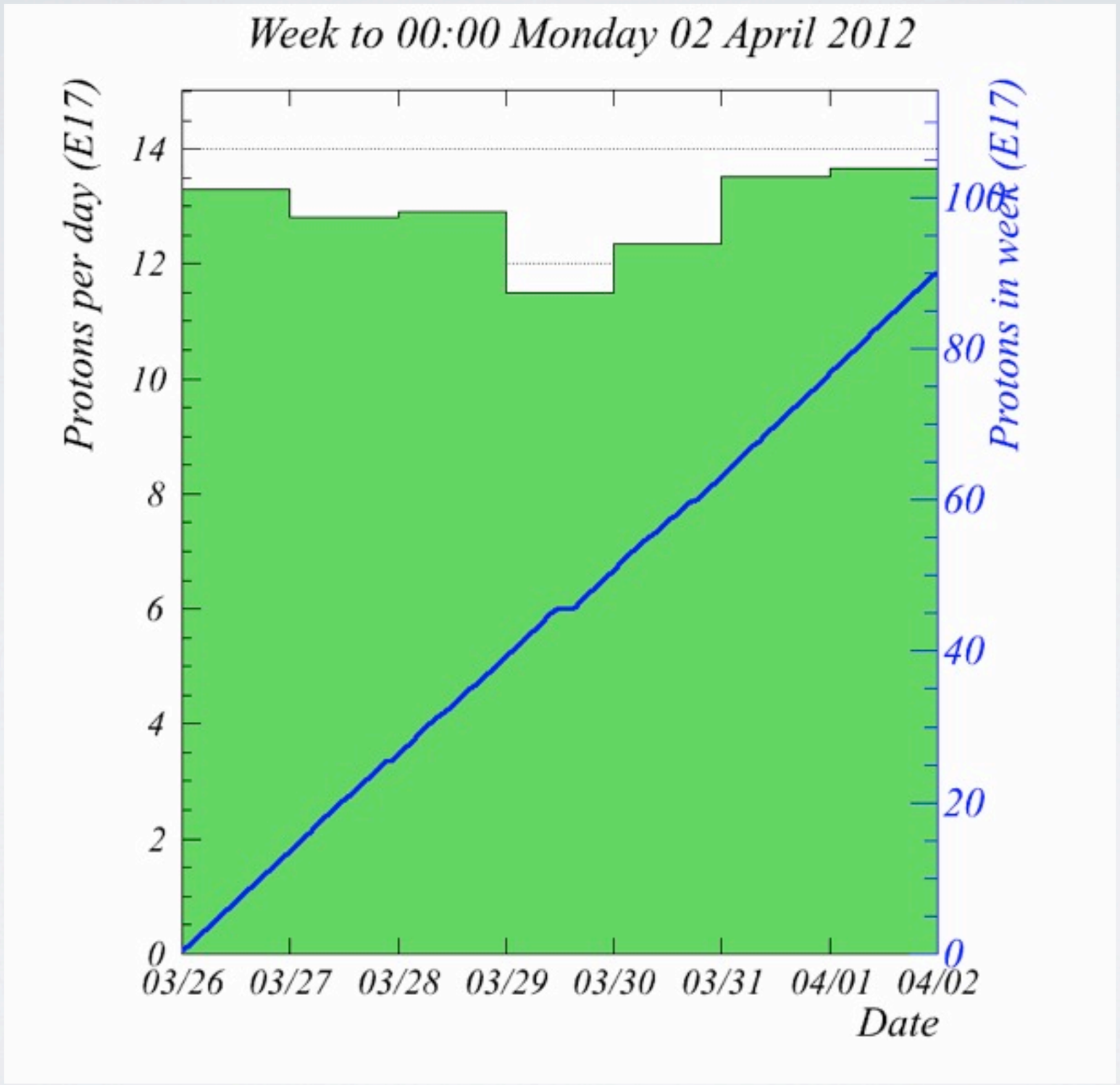
- Anti-**ν** run, full scale corresponds to 1.76×10^{20} POT
  - # POT for collected for anti-**ν** before Mar 23 10, official start of MINER**ν**A **ν** run
- NT02 running gives enough anti−**ν** data for doubling of the 1st anti−**ν** data set.
- Minerva run , full scale corresponds to 4.9×10^{20} POT.
  - # for which MINERvA project & experiment were reviewed & the detector built.
- Projected assumes 1.25×10^{18} POT/day.
  - # POTs – average from Oct. 2011 to now.

NuMI Beam Plots

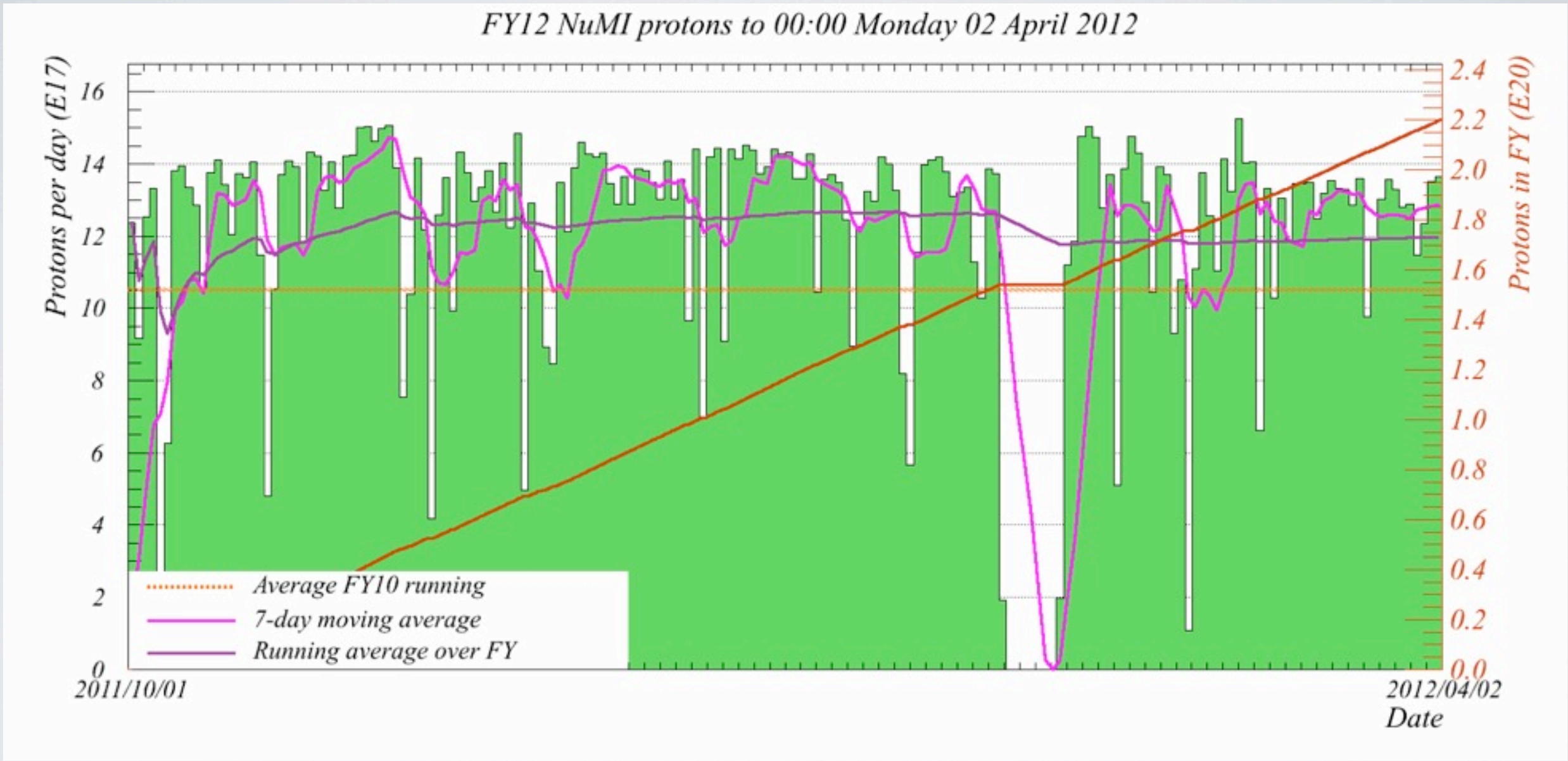
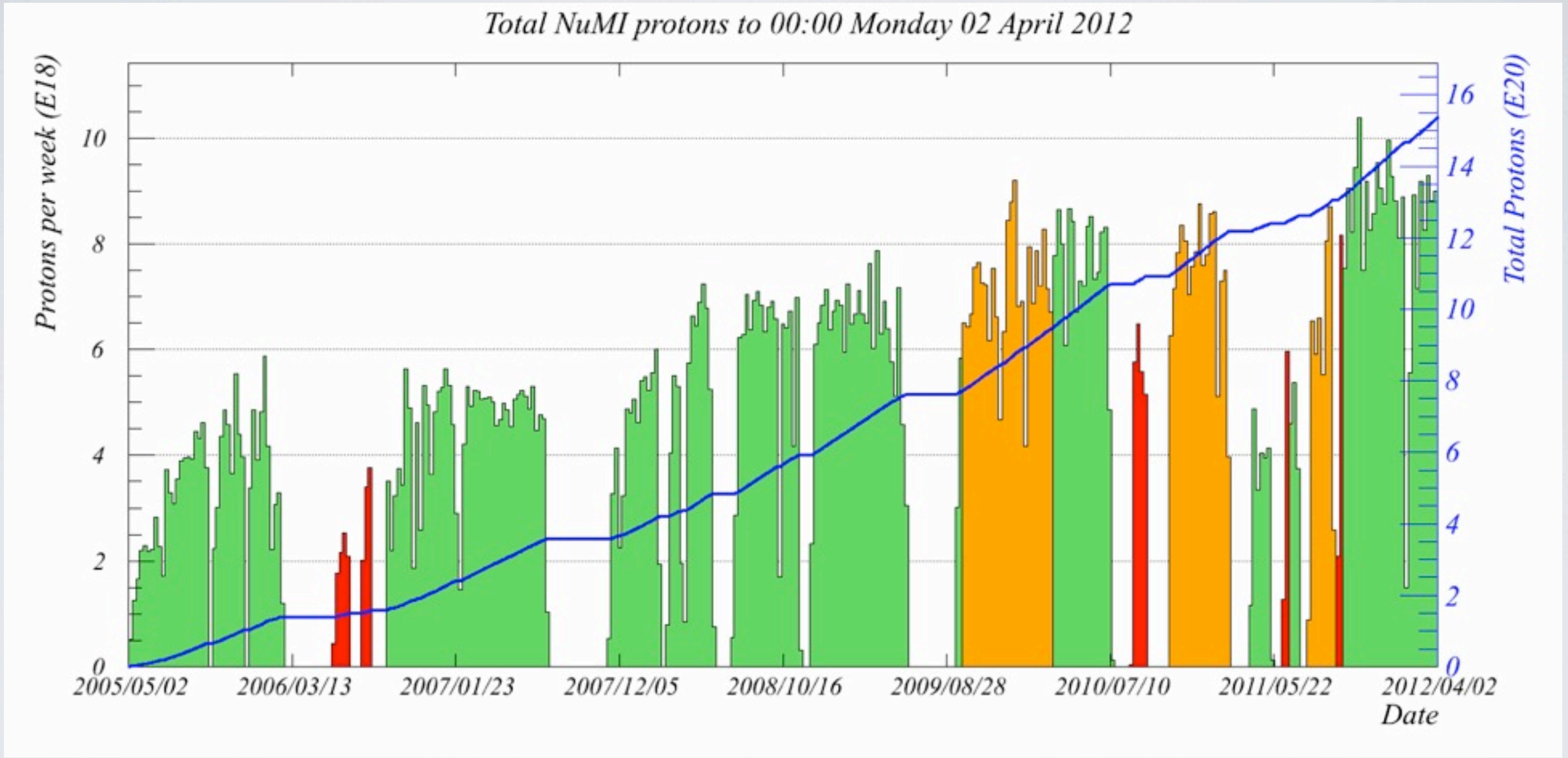




Protons for the Week



FY2011 Protons



NuMI Protons over History