

The MINERvA Operations Report

All Experimenters Meeting

Howard Budd, University of Rochester
Mar 26 2012

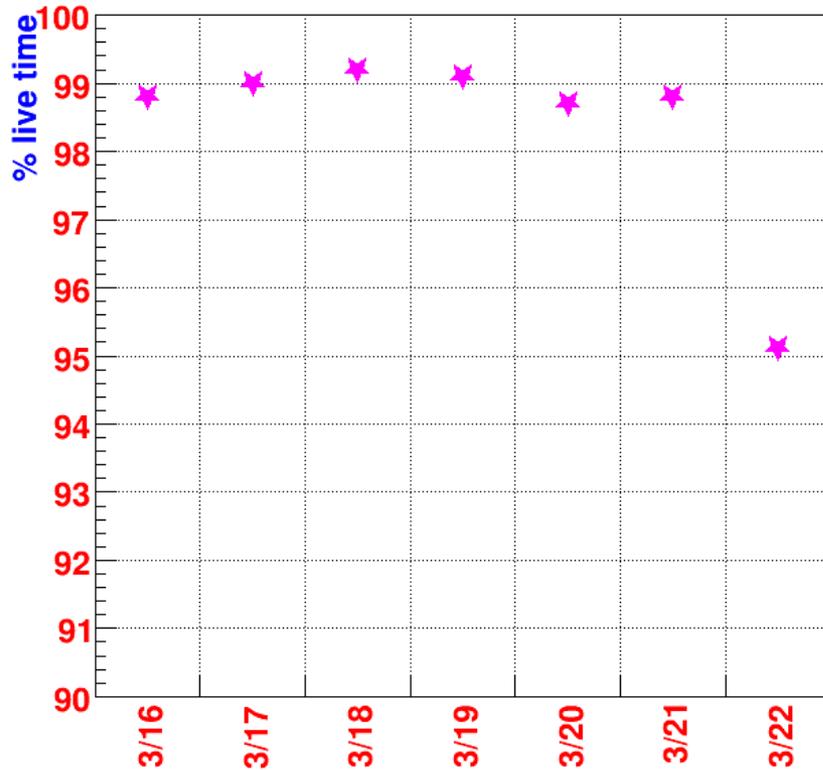




ν Data



% live time Mar 16-22



- 22.06×10^{19} POT with NT-07
- 20.75×10^{19} POT for ν , Oct 6 – Mar 25, LE10 with NT-07
- 0.88×10^{19} POT for ν , Mar 19-25
- 98.5% MINERvA live time, Mar 16-22
- 99.3% MINOS live time Mar 19-25



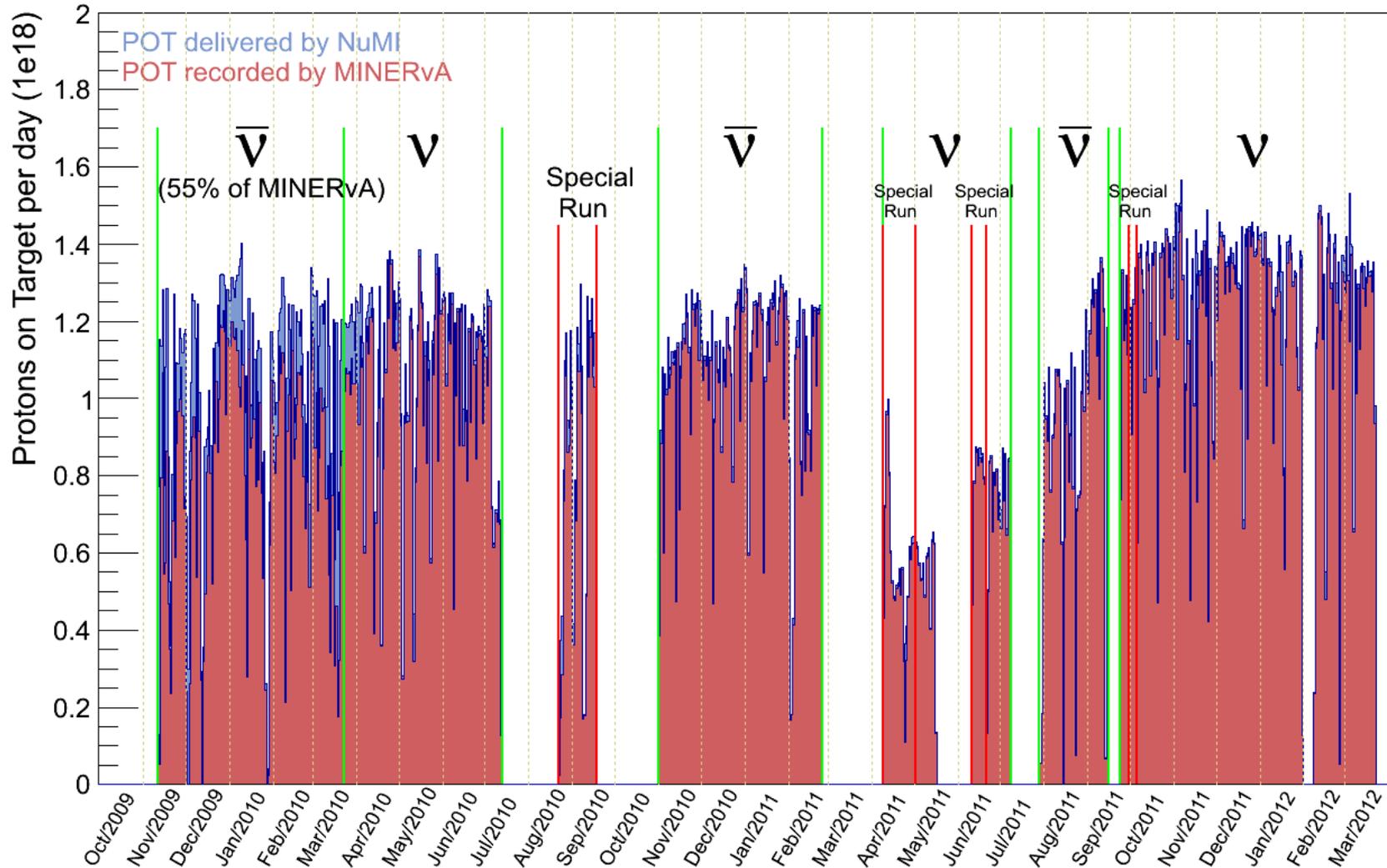
New FEB reset itself



- MS12-W board 10, FEB reset itself on Mar 22.
- Took 3 attempts resetting the board to get it on HV
- During the beam shutdown on Mar 22, we investigated the problem
- We replaced the FEB and the cover.
 - The cover had water deposits,
 - The covers for boards 7,8,9 also have these water deposits.

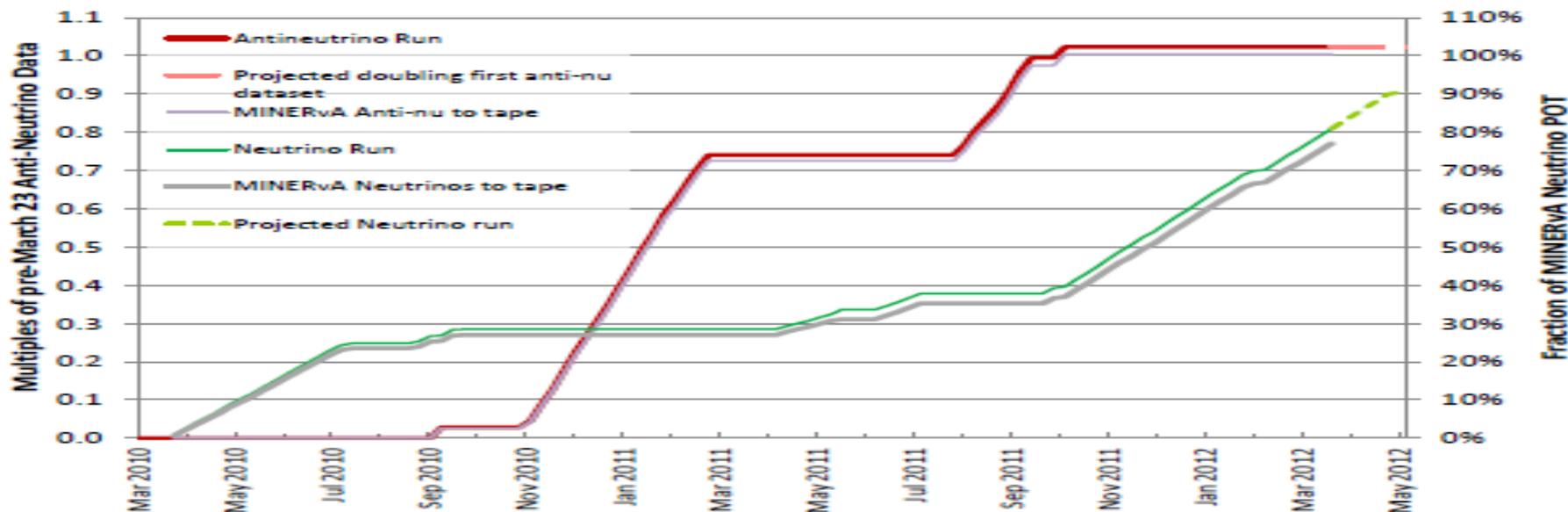


MINER_vA POT/Day Nov 2009 - Present





Accumulated POT to Mar 22



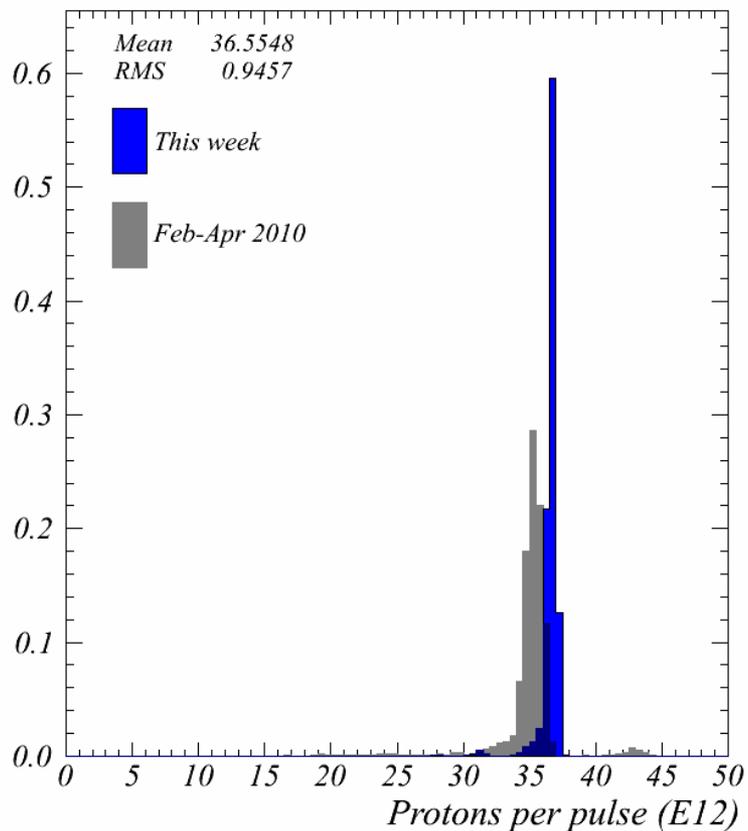
- Anti- ν run, full scale corresponds to 1.76×10^{20} POT
 - # POT for collected for anti- ν before Mar 23 10, official start of MINERvA ν run
- NT02 running gives enough anti- ν data for doubling of the 1st anti- ν data set.
- Minerva run, full scale corresponds to 4.9×10^{20} POT
 - # for which MINERvA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



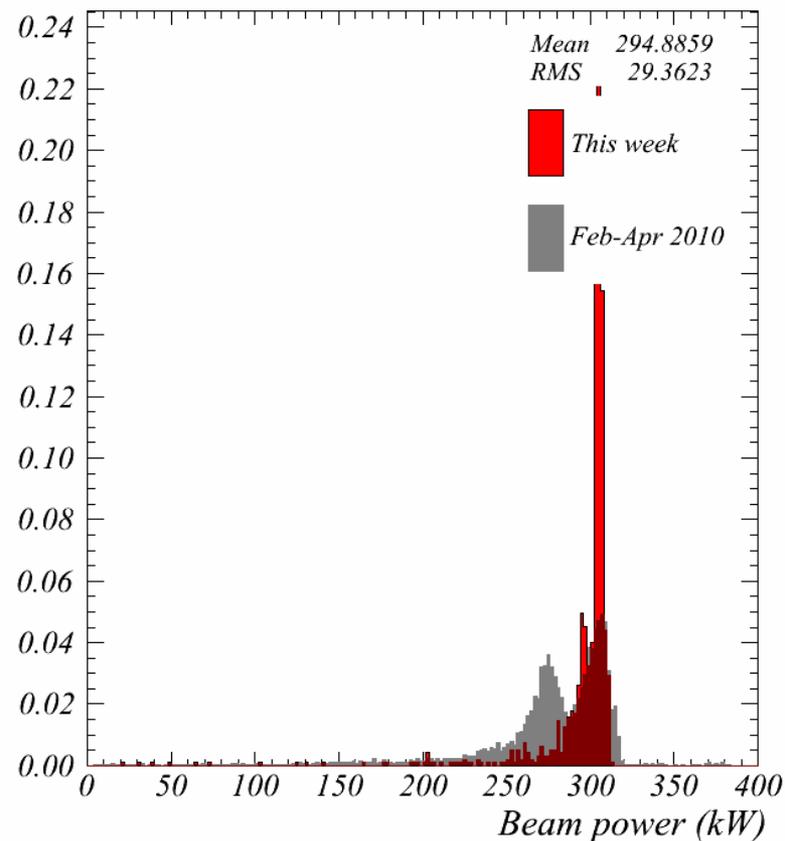
NuMI Beam Plots



Week ending 00:00 Monday 26 March 2012



Week ending 00:00 Monday 26 March 2012

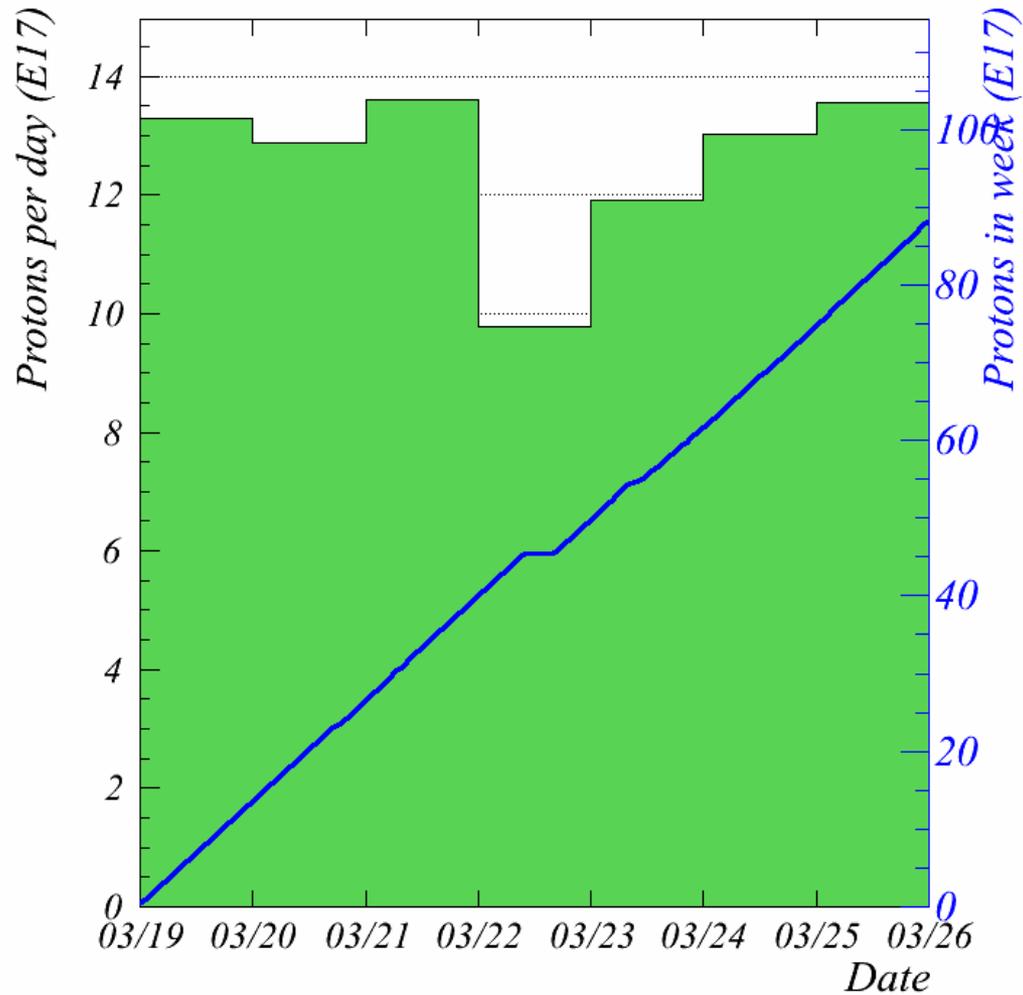




Protons for the Week

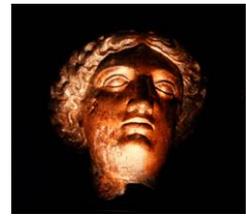


Week to 00:00 Monday 26 March 2012

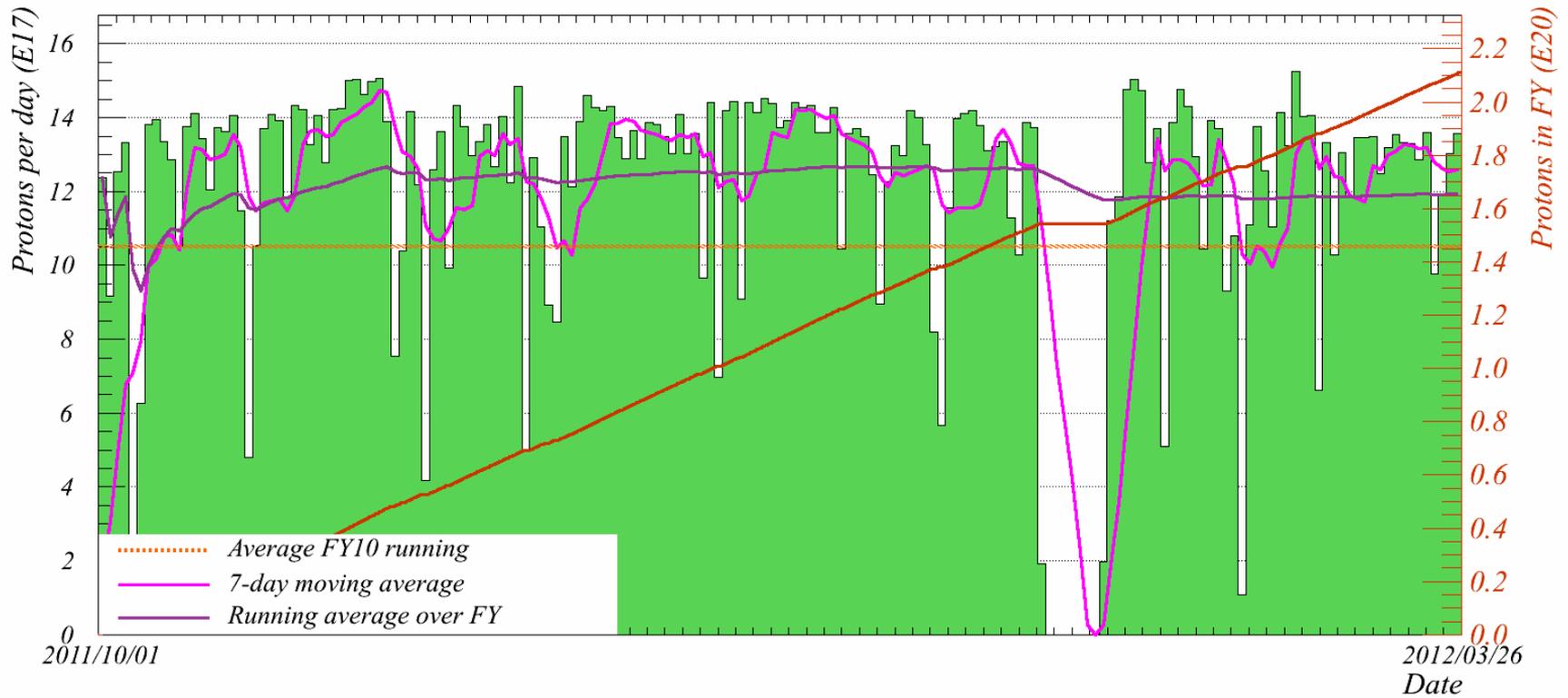




FY2012 Protons



FY12 NuMI protons to 00:00 Monday 26 March 2012





NuMI Protons over History



Total NuMI protons to 00:00 Monday 26 March 2012

