

The MINERvA Operations Report

All Experimenters Meeting

Howard Budd, University of Rochester
Dec 05, 2011



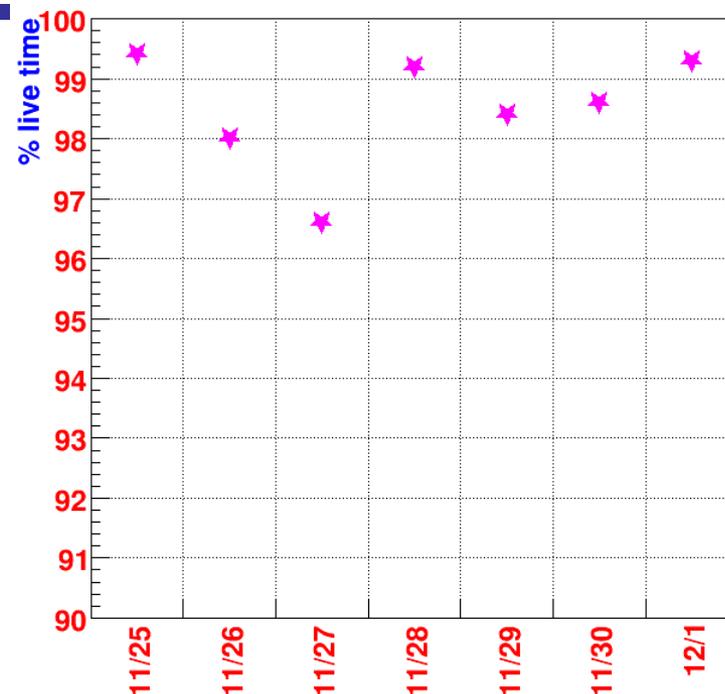


ν Data



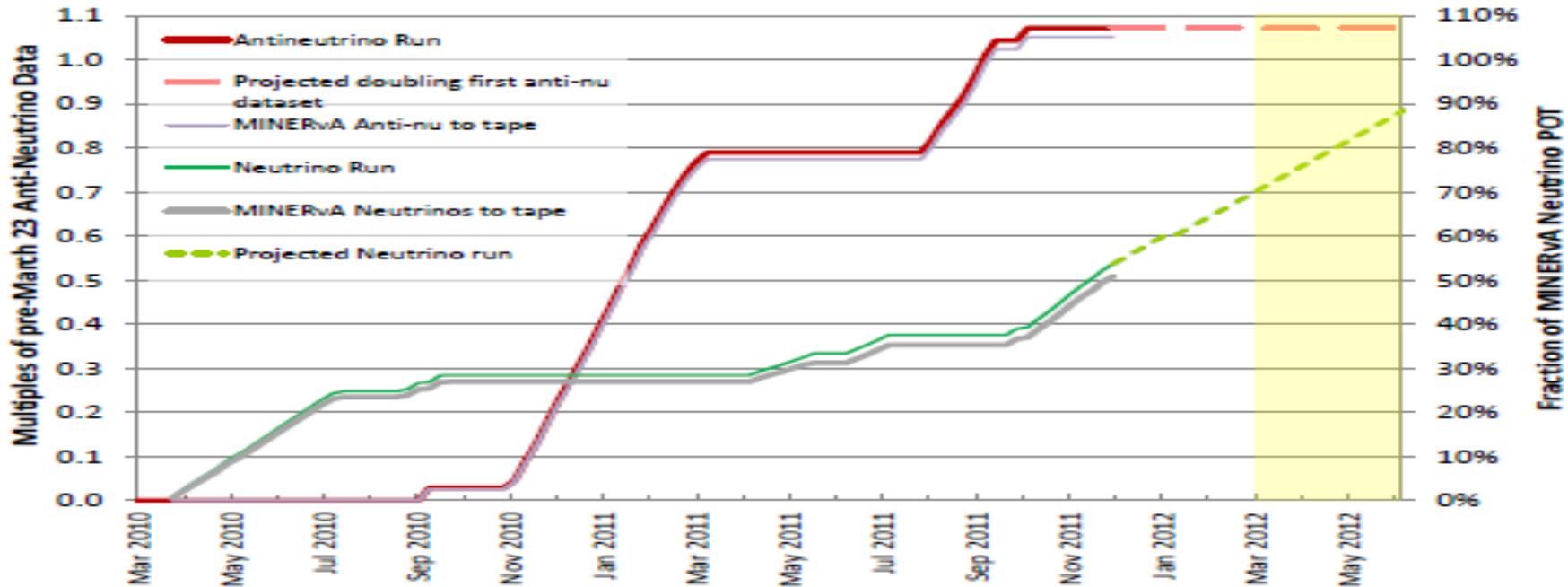
% live time Nov 25 – Dec 1

Date	POT Recorded	POT Delivered	Live Time
25-Nov-2011	4.23E+17	4.26E+17	99.4%
26-Nov-2011	1.34E+18	1.36E+18	98.0%
27-Nov-2011	1.06E+18	1.10E+18	96.6%
28-Nov-2011	8.83E+17	8.90E+17	99.2%
29-Nov-2011	8.45E+17	8.59E+17	98.4%
30-Nov-2011	1.32E+18	1.34E+18	98.6%
1-Dec-2011	1.20E+18	1.21E+18	99.3%
Total	7.07E+18	7.18E+18	98.4%



- 8.84×10^{19} POT with NT-07
- 7.53×10^{19} POT for ν , Oct 6 – Dec 4, LE10 with NT-07
 - 0.86×10^{19} POT for ν , Nov 28-Dec 4
- 97.9% Total live time Nov 25 – Dec 1
 - 98.4% MINERvA live time Nov 25 – Dec 1
 - 99.5% MINOS live time Nov 25 – Dec 1

Accumulated POT to Dec 1



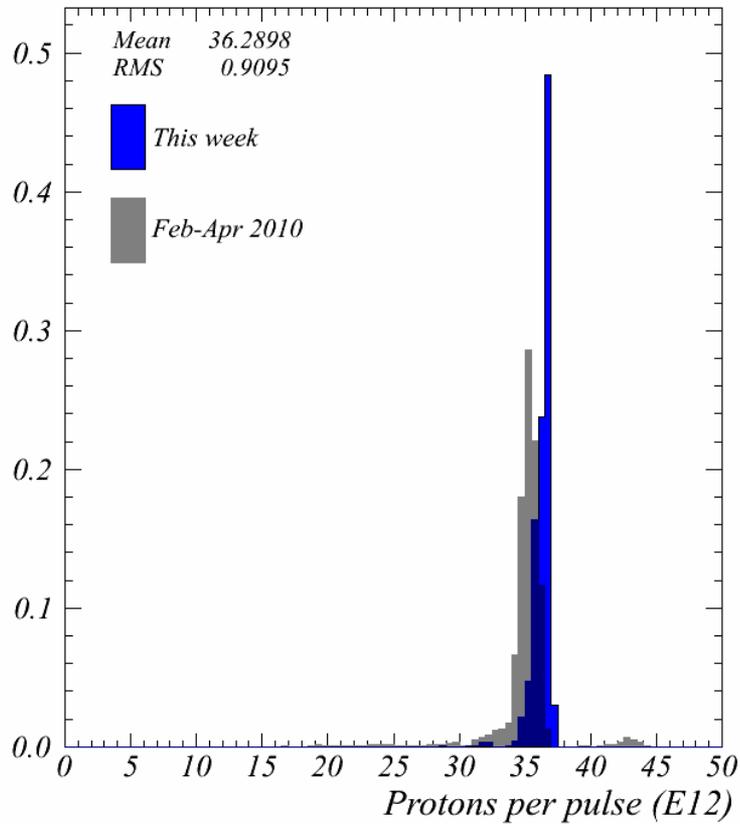
- Anti- ν run, full scale corresponds to 1.76×10^{20} POT
 - # POT for collected for anti- ν before Mar 23 10, official start of MINERvA ν run
- NT02 running gives enough anti- ν data for doubling of the 1st anti- ν data set.
- Minerva run, full scale corresponds to 4.9×10^{20} POT
 - # for which MINERvA project & experiment were reviewed & the detector built.
- Projected assumes 0.92×10^{18} POT/day
 - # POTs – average over the uptime during the past 1.5 years
 - Actual run plan not yet determined, this is one possible scenario



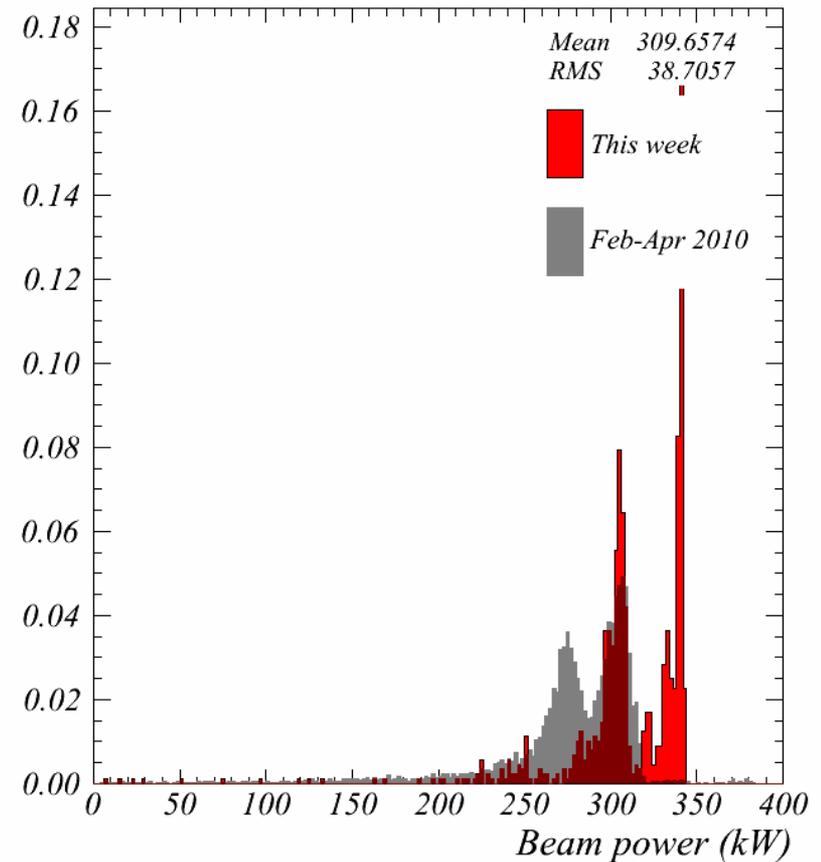
NuMI Beam Plots



Week ending 00:00 Monday 05 December 2011

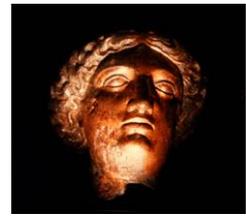


Week ending 00:00 Monday 05 December 2011

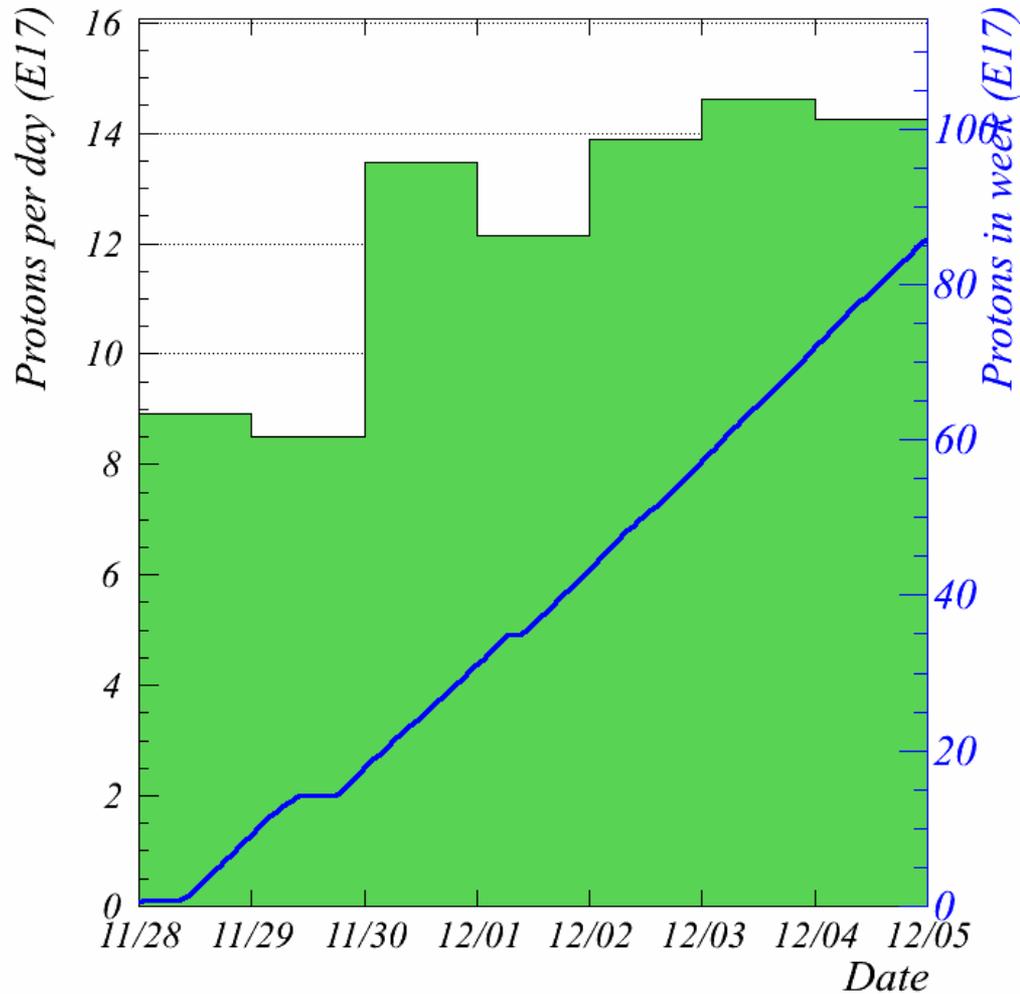




Protons for the Week

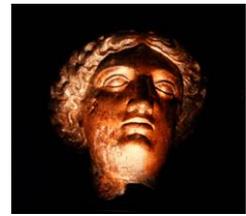


Week to 00:00 Monday 05 December 2011

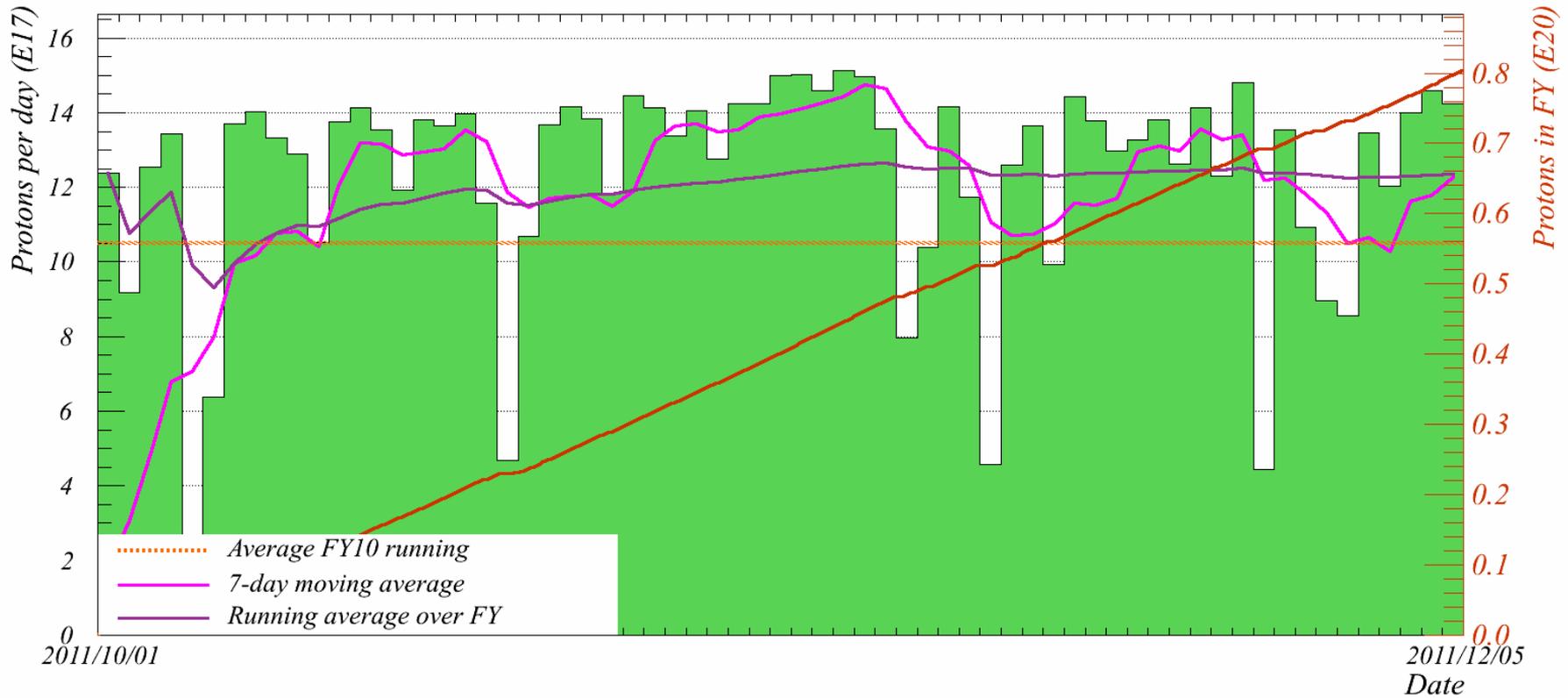




FY2012 Protons

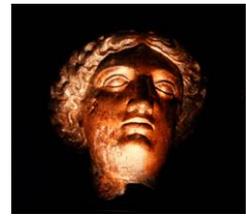


FY12 NuMI protons to 00:00 Monday 05 December 2011





NuMI Protons over History



Total NuMI protons to 00:00 Monday 05 December 2011

