

The MINERvA Operations Report

All Experimenters Meeting

Howard Budd, University of Rochester
Sep 26, 2011





Getting NT07 Ready



- We would like to thank the NuMI target group for getting NT07 ready for Beam and addressing all the issues that the last set of targets had.
 - Kris Anderson –lead engineer, designing modifications for NT-07
 - Cory Crowley –engineer doing FNAL titanium core development
 - Patrick Hurh –engineer and organizer
 - Jim Hysten –physicist and interface to experiments
 - Chris Densham’s target group at RAL –engineering collaborators
 - Jim Wilson –fab/procurement
 - Glenn Waver –designer
 - Keith Anderson –lead tech NT-07
 - Mike Stiemann–lead tech target carrier
 - Mike Andrews –shutdown coordinator



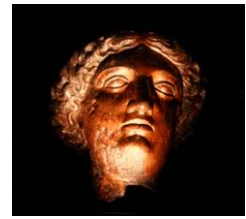
v Data

Date	POT Delivered
24-Sep-2011	7.55E+17
25-Sep-2011	1.34E+18
Total	2.09E+18

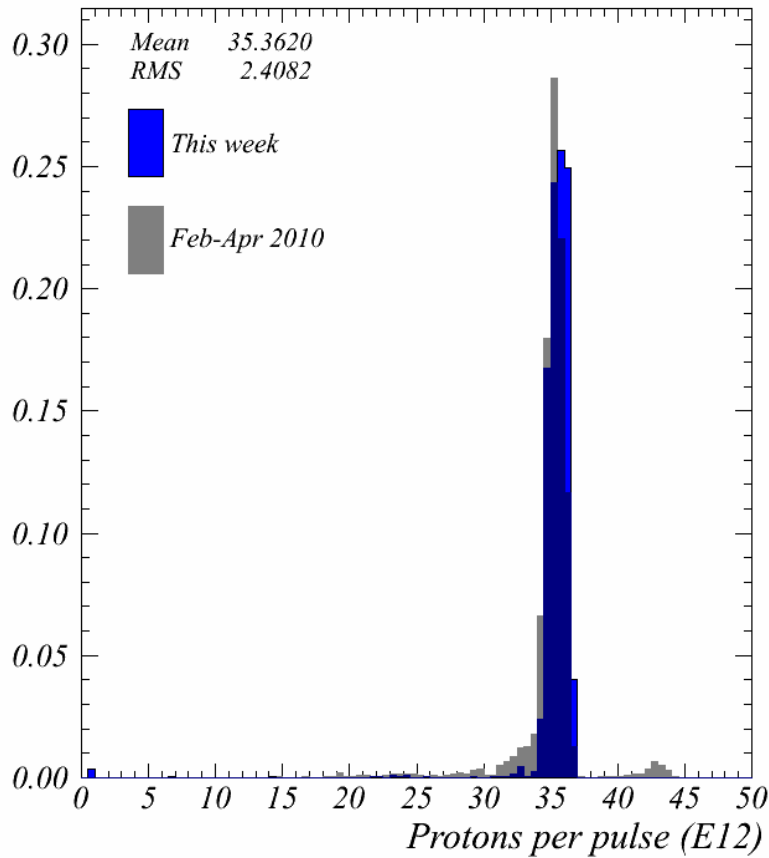
- Beam started in FHC mode, LE100, 200 kA horn current, ME
 - We will not request a target move before Oct 3
 - The precise day will depend on how well things go.
- Beam started 10 AM Sep 24 and running well since then
- Running at 36×10^{12} POT/pulse & the plan is to continue running at that intensity
- Detector came up with no problem
 - No change in the MINERvA detector during the shutdown
- 0.21×10^{19} POT delivered from Sep 24-25
- Live time will be given next AEM Meeting
- Today, we are having a shadow shift from Valparaiso, Chile



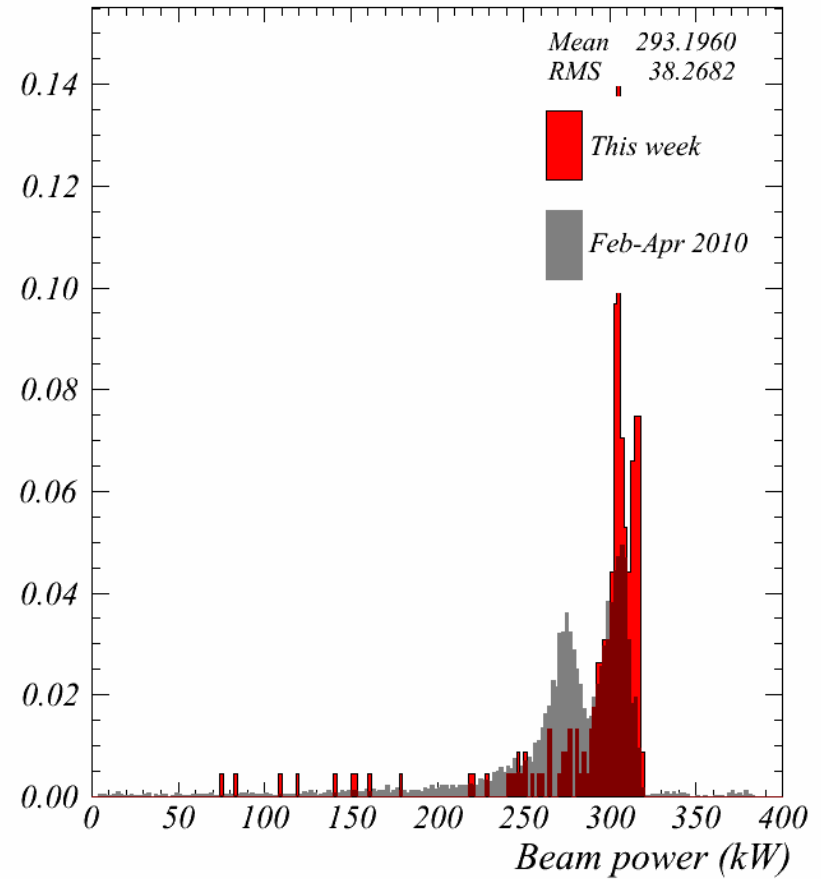
NuMI Beam Plots



Week ending 00:00 Monday 26 September 2011



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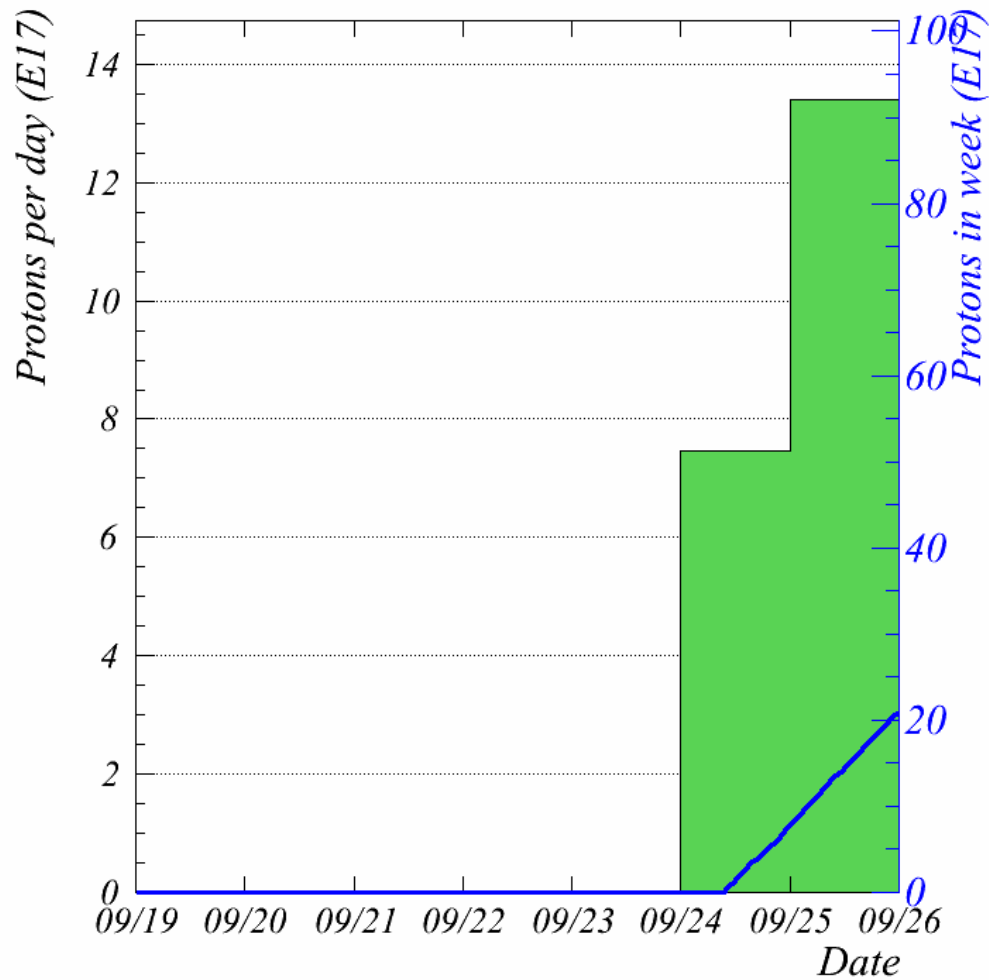




Protons for the Week



Week to 00:00 Monday 26 September 2011

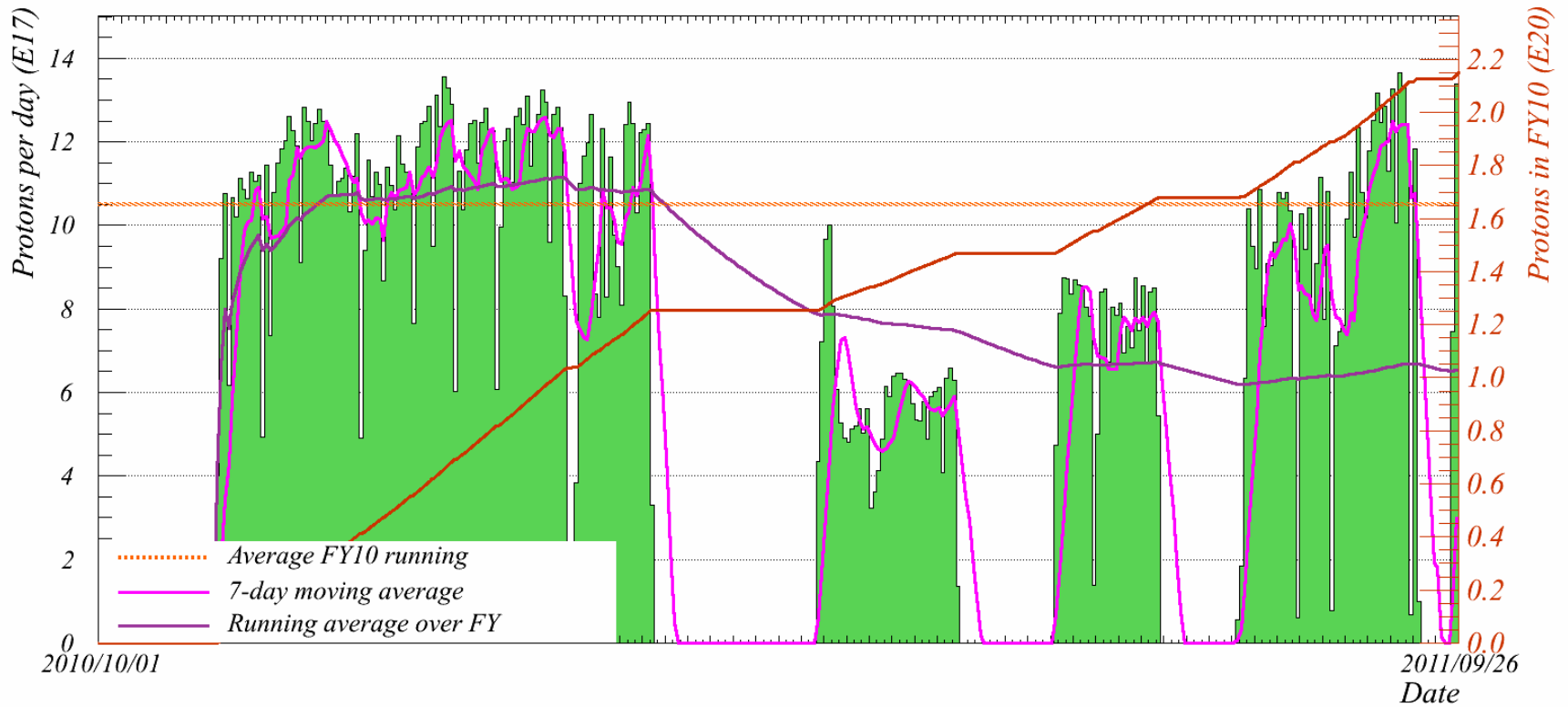




FY2011 Protons

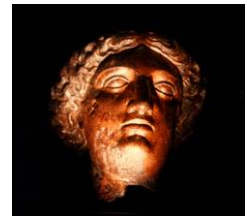


FY11 NuMI protons to 00:00 Monday 26 September 2011





NuMI Protons over History



Total NuMI protons to 00:00 Monday 11 July 2011

