



NuMI-MINOS Status Report – Bob Zwaska

All Exp Mtg
Dec 15, 2008

Beam is Back

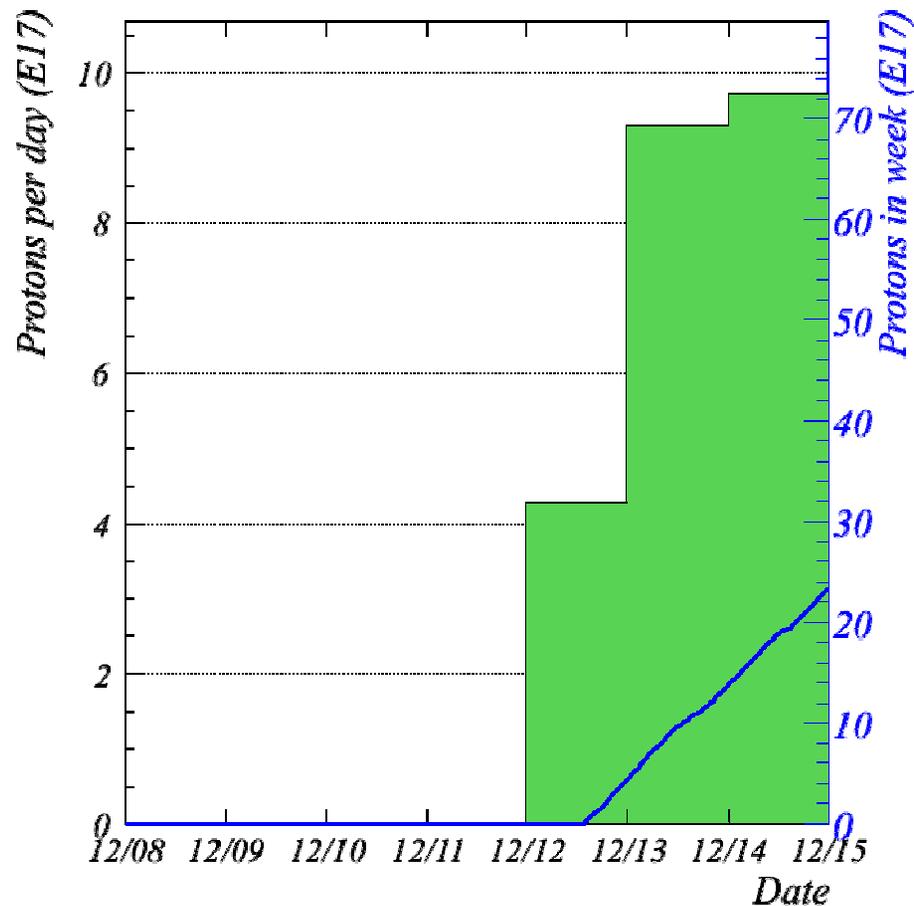
- Horn 2 was installed last week, and we had beam by noon Friday
 - Thanks to AD for a very efficient replacement. Initial estimate for return was Dec. 11; 1 small problem caused a day's delay
- Target beam scans also went smoothly and was consistent with before replacement
 - We did not do a beam scan of the horn, as it would involve moving the target
 - Horn was optically surveyed from the target hall, and was within 1 mm
- Intensity ramp up was very quick



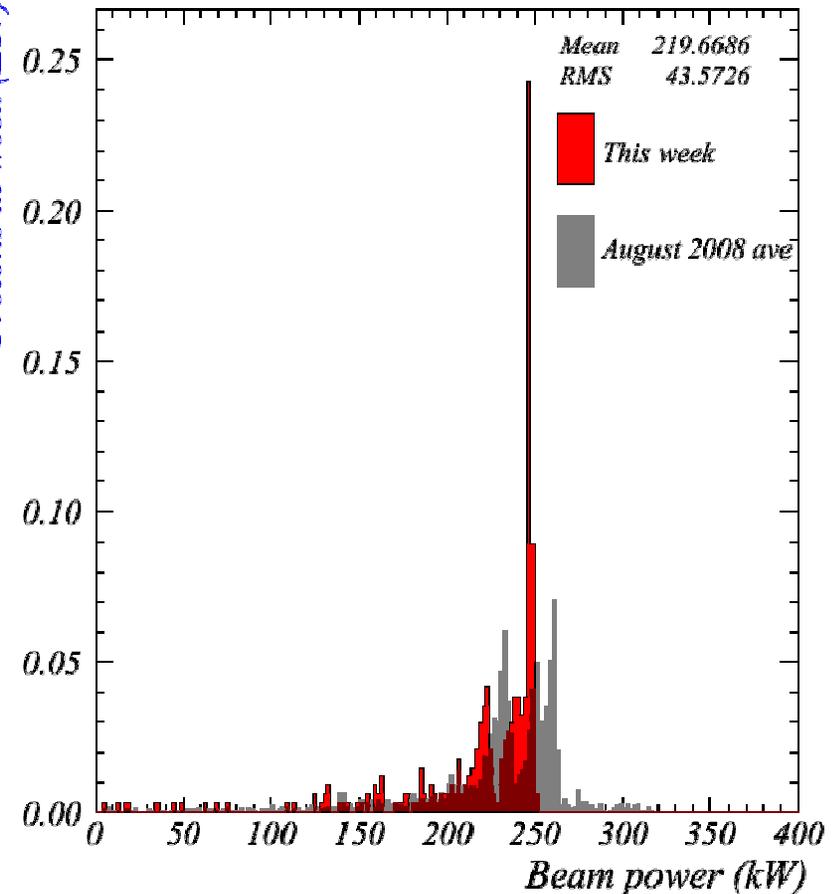
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- 24e18 protons on the week
- Have had a mix of 7 & 8 turn running (RF issues)

Week to 00:00 Monday 15 December 2008



Week ending 00:00 Monday 15 December 2008





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- Fiscal year

FY09 NuMI protons to 00:00 Monday 15 December 2008



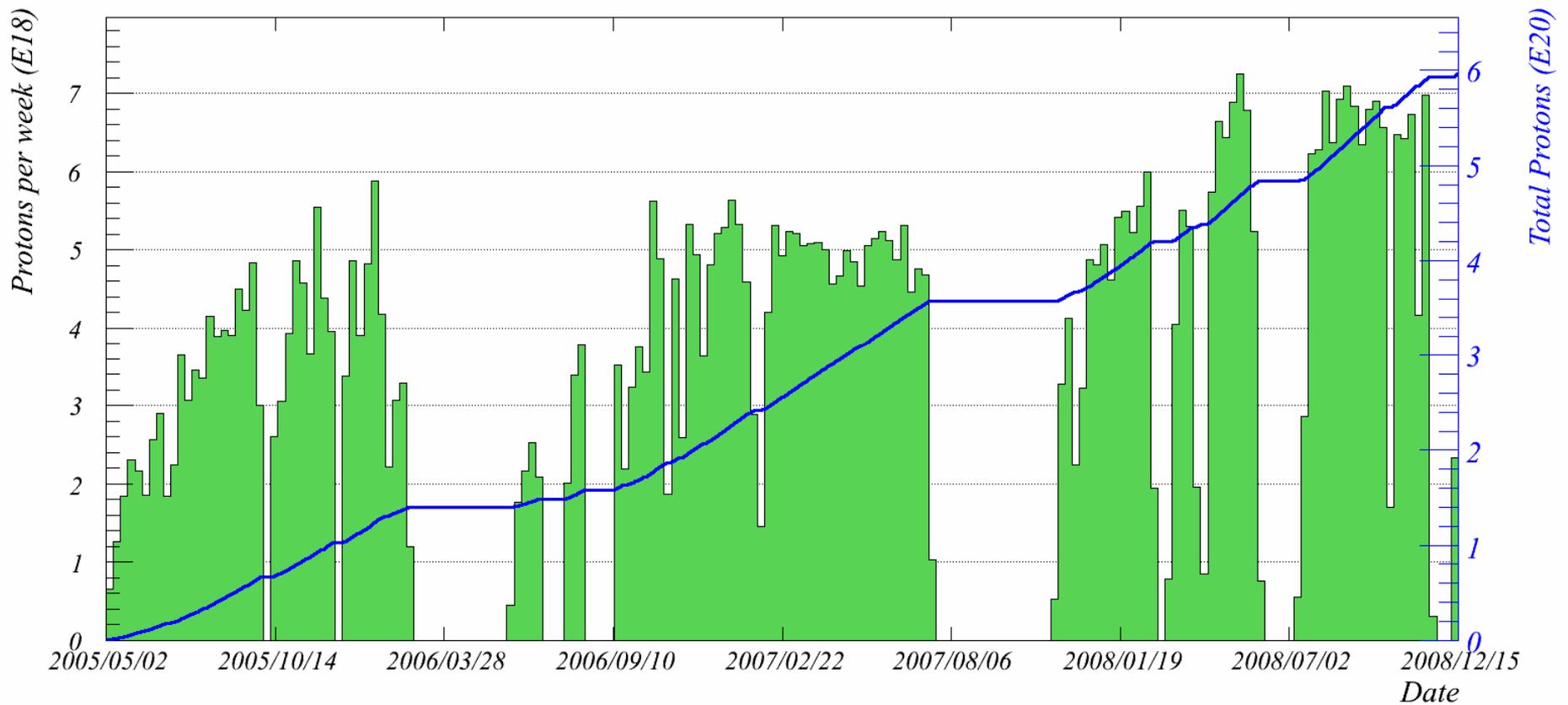


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- Just under $6e20$ protons

Total NuMI protons to 00:00 Monday 15 December 2008





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NEAR DETECTOR:

- No problems
- Magnetic field is forward for verifying the neutrino spectrum after horn replacement

Proton-weighted Live-time:

- 12/8/2008-12/14/2008: 99.75%



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FAR DETECTOR:

- Did calibrations runs in preparation for beam
 - Costs few % cosmics time
- Running fine – hunkering down for winter

Proton-weighted Live-time:

- 12/8/2008-12/14/2008: 99.97%

Wall-clock Live-time:

- 12/8/2008-12/14/2008: 97.0%