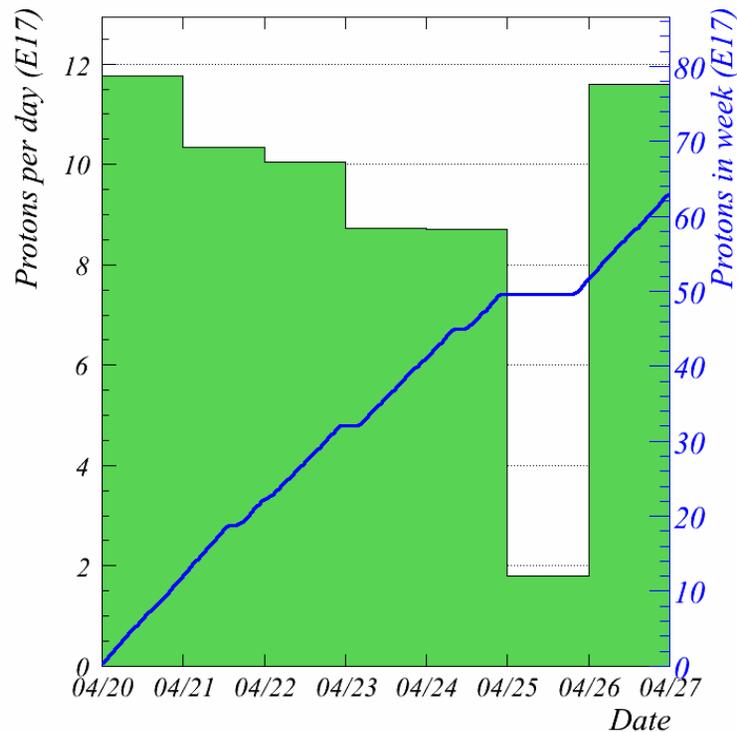




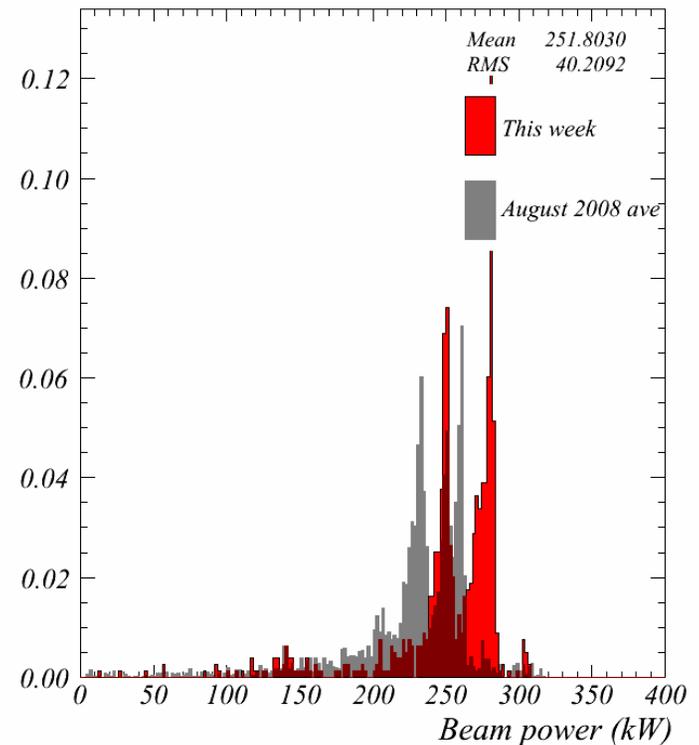
# NuMI-MINOS Status Report – Bob Zwaska

- 63e17 protons for the week
  - Hurt by long downtime (LRF2 et al.) over the weekend
    - Thanks for the long hours getting it fixed
- Range of beam powers
  - Losses forced 7-turn running
  - Switchyard

Week to 00:00 Monday 27 April 2009



Week ending 00:00 Monday 27 April 2009





# NuMI-MINOS Status Report – Bob Zwaska

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All Exp Mtg  
April 27, 2009

## NEAR DETECTOR:

- Cooling water troubles
  - Cooling water is stable, but at elevated level (73 F)
  - Replacement flow-control valve ready – will be installed tomorrow
    - Plan for new cooling system in long-term
- Magnetic field is REVERSED
  - As of 4/20
- Proton-weighted Live time: ~ 99%

## Plan for Tuesday Shutdown:

- FESS will replace groundwater flow control valve
- Minor detector maintenance (fan replacements)
- Work on the air recirculation fans in the NuMI target hall



# NuMI-MINOS Status Report – Bob Zwaska

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All Exp Mtg  
April 27, 2009

## FAR DETECTOR:

- Took advantage of short down-times last week to do network maintenance
- Shutdown plan:
  - More minor network maintenance
  - Special unsparsified singles runs.

Proton-weighted Live time: 99.82 %

Wall-clock Live time: 99.58 %

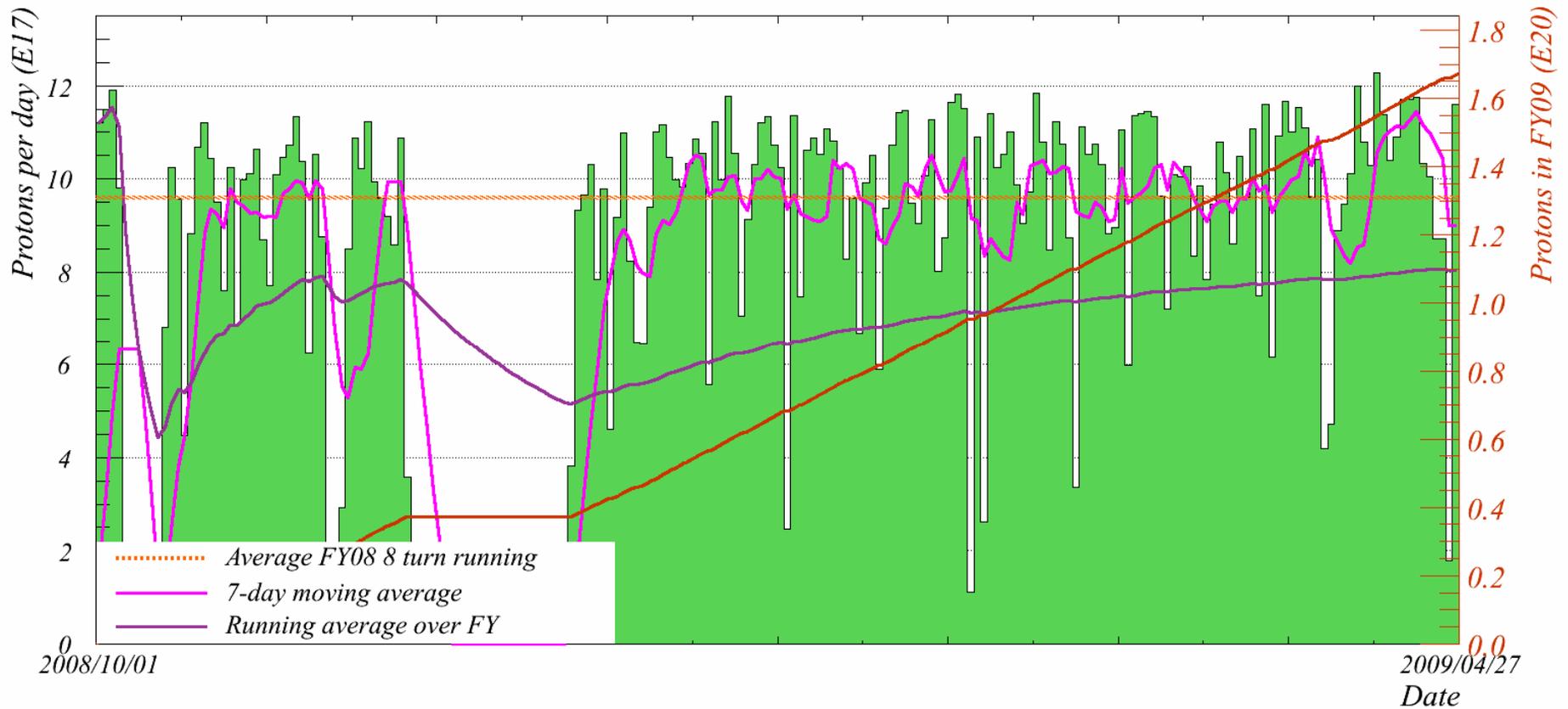


# NuMI-MINOS Status Report – Bob Zwaska

All Exp Mtg  
April 27, 2009

- Fiscal year 2009 -  $1.67e20$

*FY09 NuMI protons to 00:00 Monday 27 April 2009*





# NuMI-MINOS Status Report – Bob Zwaska

All Exp Mtg  
April 27, 2009

- Entire Run -  $7.2e20$

Total NuMI protons to 00:00 Monday 27 April 2009

