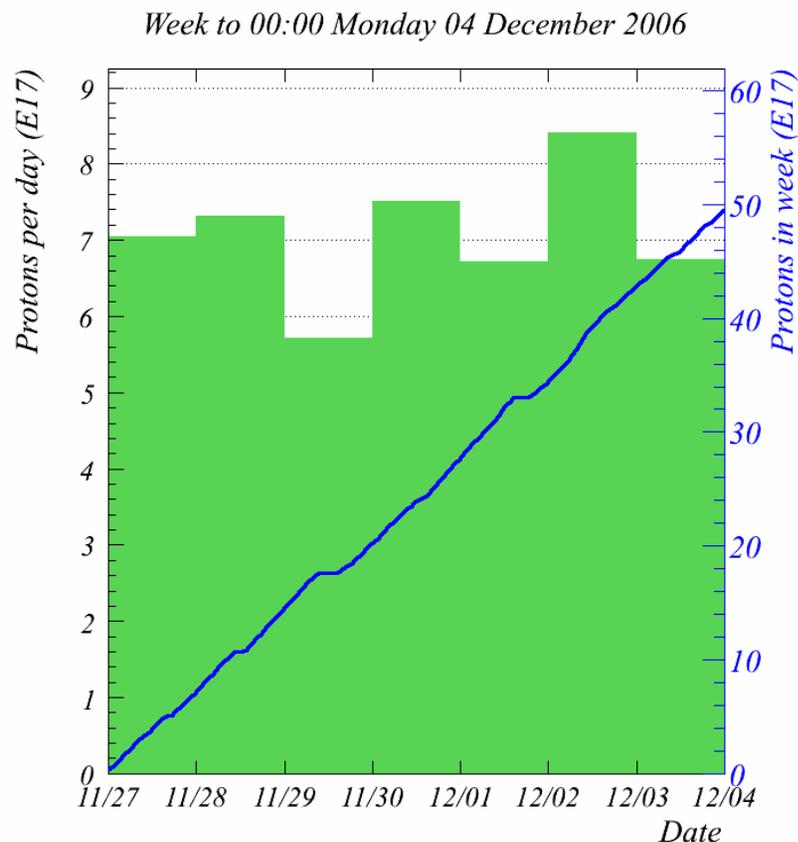




# NuMI-MINOS Status Report

All Exp Mtg  
4-Dec-06  
S. Childress

- Steady beam operation this week
  - Very minimal NuMI beam downtime
  - Far detector uptime > 99%
  - Near detector uptime ~ 95%
    - Failure of one rack protection controller
    - ND coil trips - bad PLC controller on water skid
  - 4.94 E18 integrated protons this week
    - previous week 5.32 E18 [our best for mixed mode] - intensity per pulse was higher last week





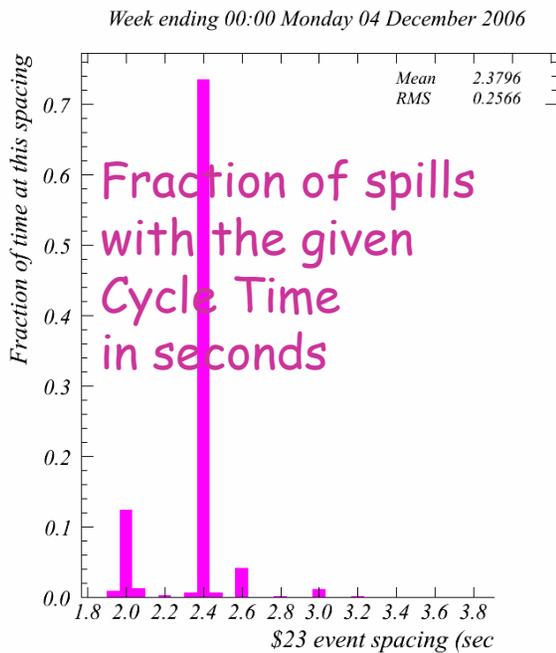
# NuMI-MINOS Status Report

All Exp Mtg  
4-Dec-06  
S. Childress

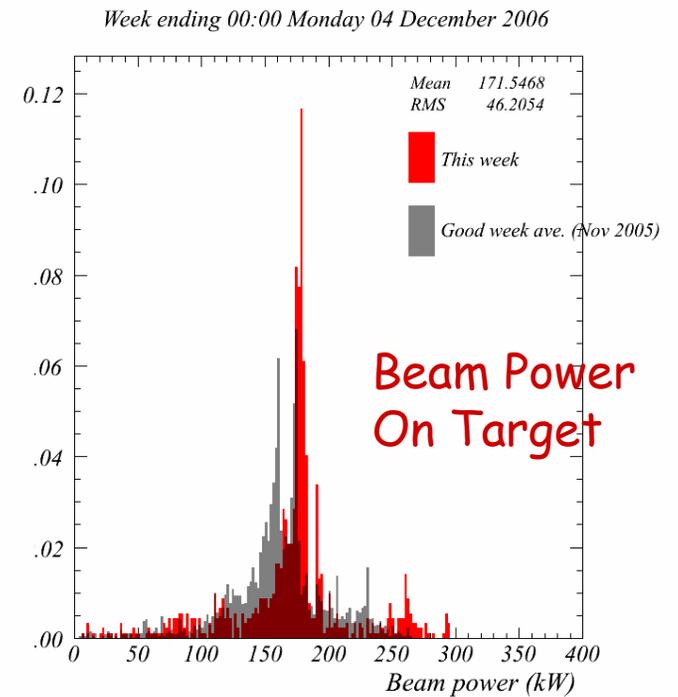
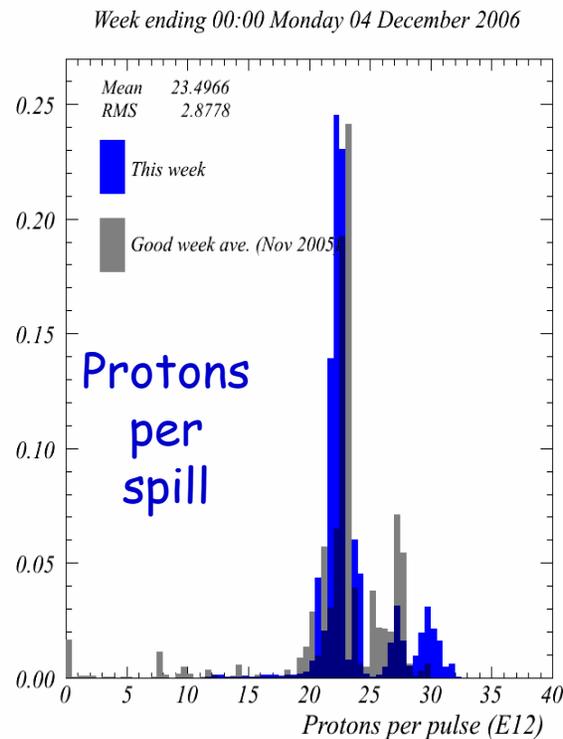
< 2.38 sec/pulse >

< 2.35E13 P/spill >

< 171 kWatts >



## Weekly Statistics

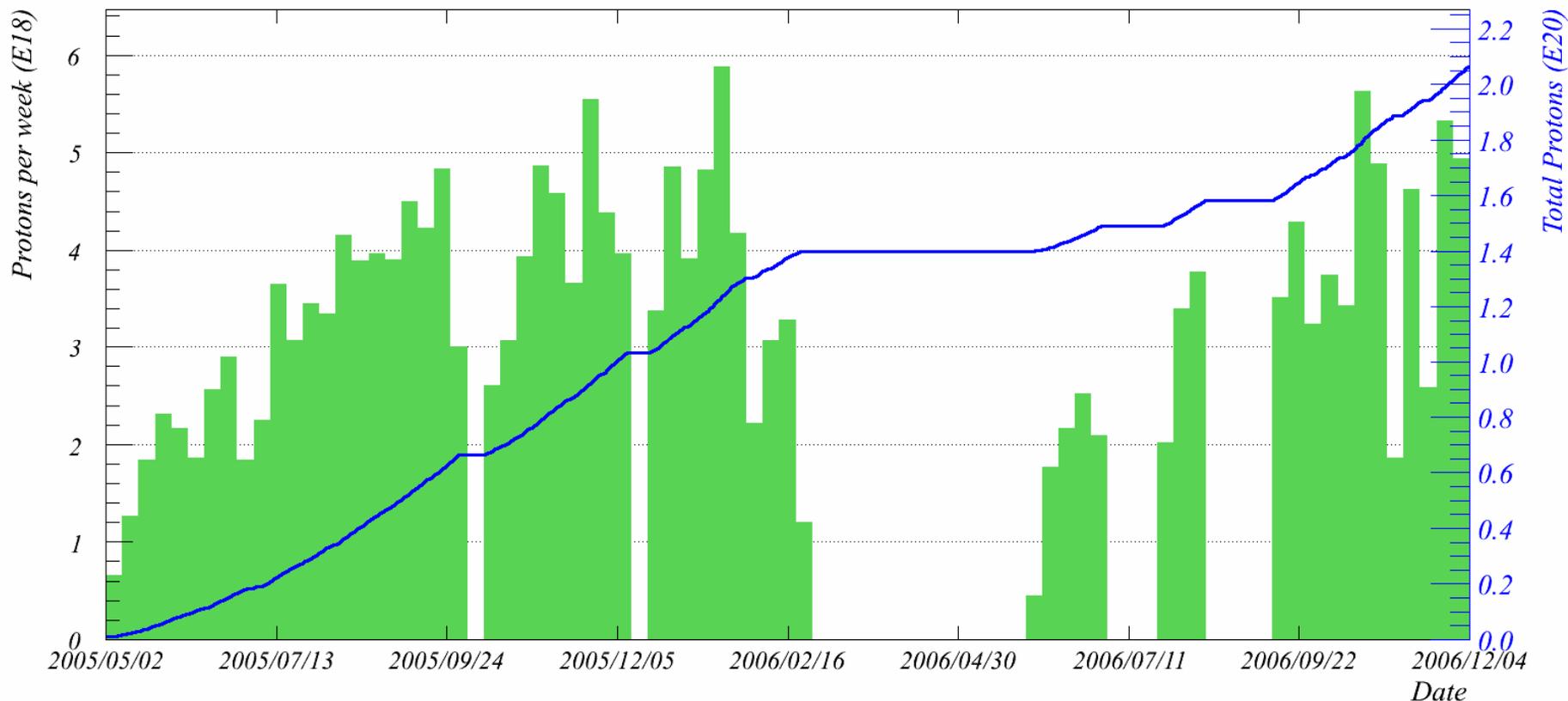




# NuMI-MINOS Status Report

All Exp Mtg  
4-Dec-06  
S. Childress

Total NuMI protons to 00:00 Monday 04 December 2006



Protons per Week  
since May '05

4.94 E18 this week

Total protons 2.06 E20  
Physics Data Set



# NuMI-MINOS Status Report

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All Exp Mtg  
4-Dec-06  
S. Childress

## NuMI Horn Status:

- NuMI operational horns 1 & 2 have accumulated 11.4 million pulses
  - › Ground fault (flake?) trip every few days, but resets immediately
- Spare horn 1 is now on test stand
  - › Has taken 30,000 full current pulses so far
  - › Will take about 2 weeks for testing/field-mapping
  - › After testing, must mount water tank, instrumentation, so several additional weeks to have "spare on shelf"
- Just completed welding of inner conductor for spare horn 2
  - › Next will send conductor out for nickel coating
  - › Then several months for assembly and testing