



UCL

NuMI-MINOS Status Report

D. Jason Koskinen



Detectors

- Far Detector
 - 99.3% livetime
- Near Detector
 - Low Conductivity Water is much cooler after installation of 2nd heat exchanger
 - Backflushed for 12 hours
 - 10° F buffer for magnet coil has been reestablished
 - Coil magnet power supply transformer was replaced
 - Water leak
 - Rough week, but no problems since Friday



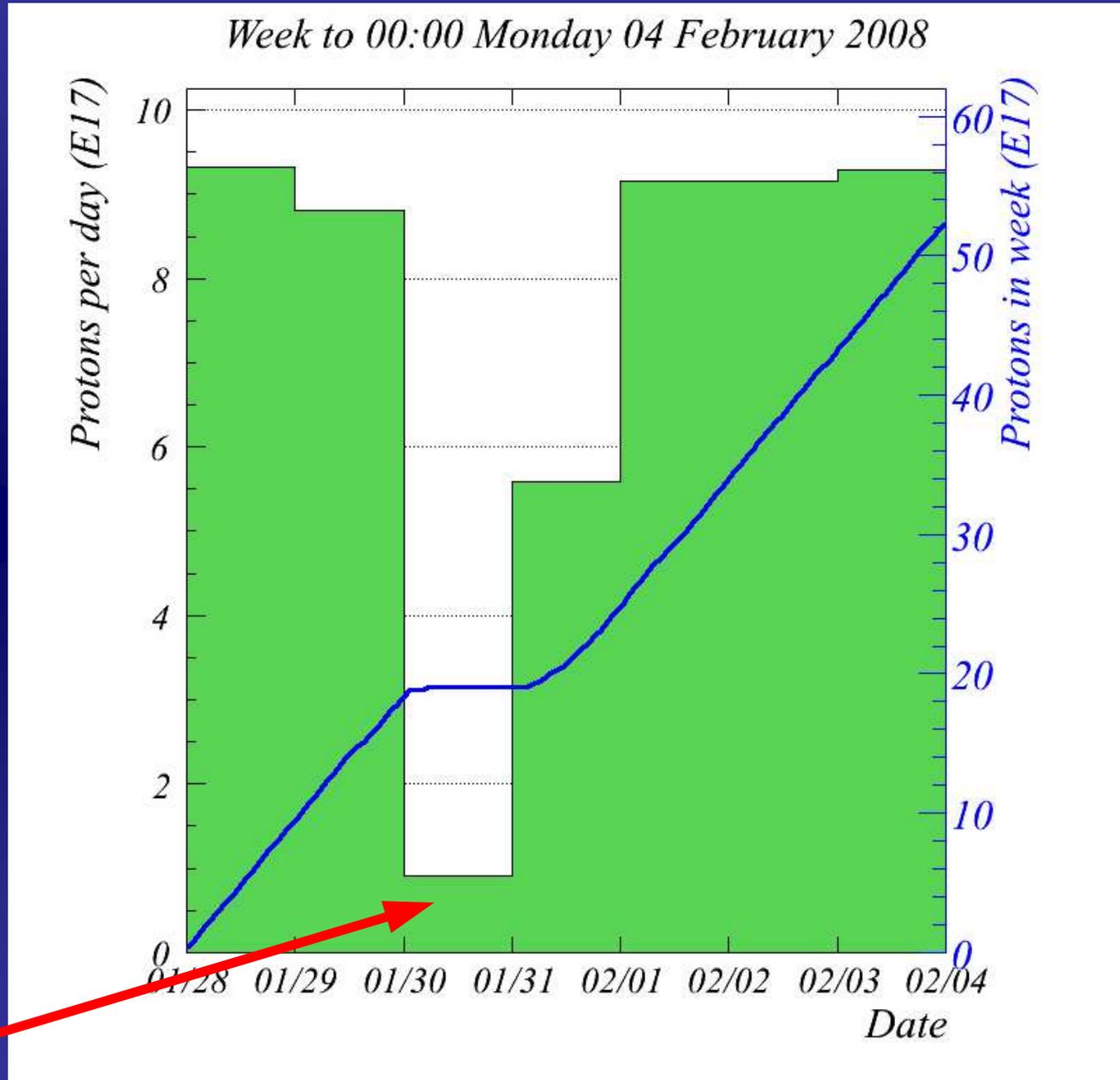
Beam

- Water flow in Horn 2 cooling line reduced to 40% of normal to reduce leaking
 - Within safety margin
 - Examine the minimal effect on neutrino spectrum using the Near Detector data in the upcoming weeks
- Nice increase in protons in new 9+2 batch running mode
 - Many thanks to AD



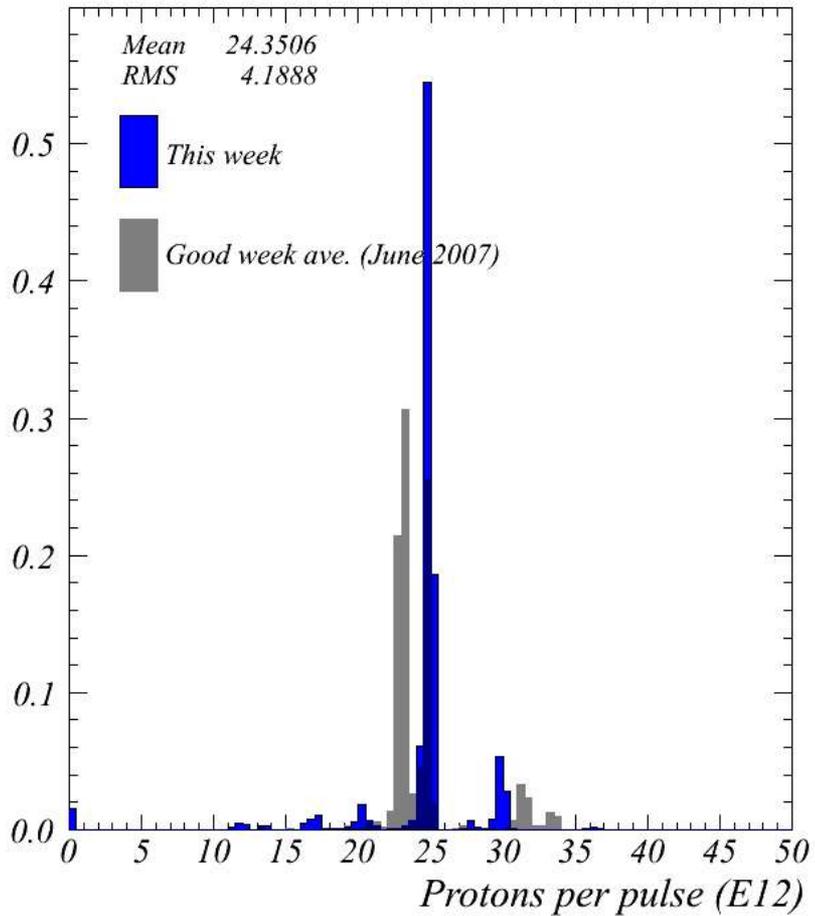
- 11 batch slip stacking provides clear gains in POT
 - previously hovered below $8e17$

MI Quad Replacement

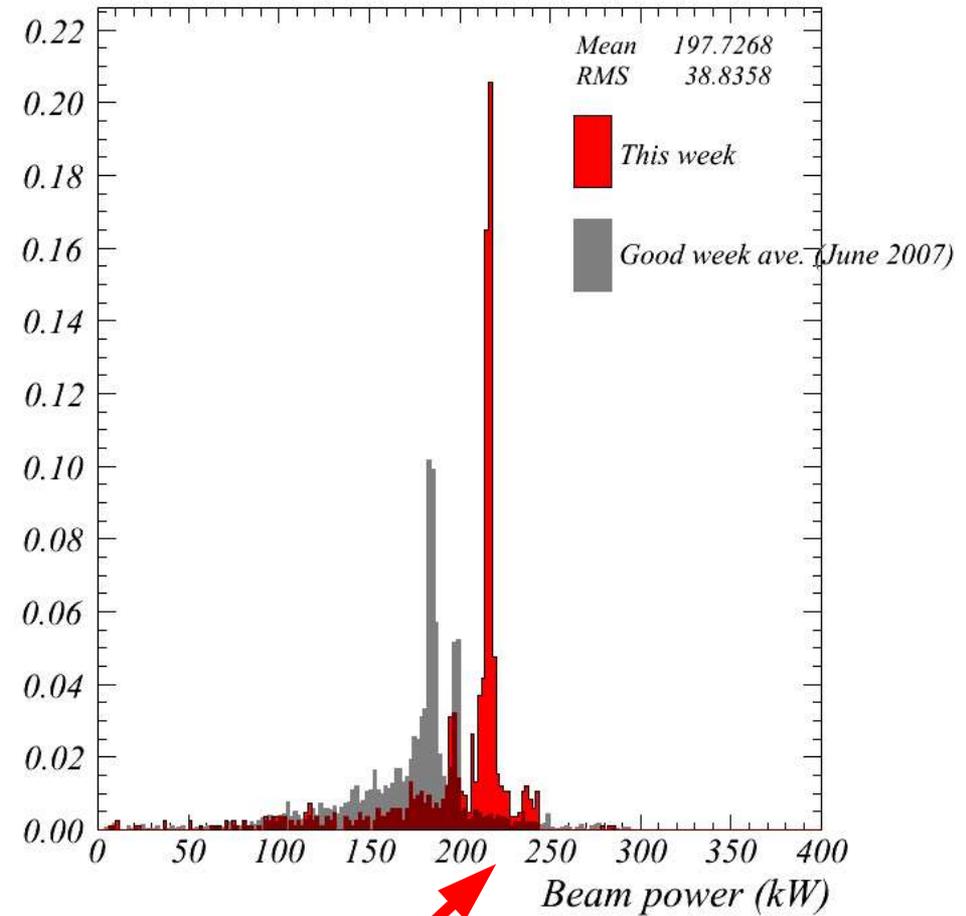




Week ending 00:00 Monday 04 February 2008



Week ending 00:00 Monday 04 February 2008



Significant improvement



Total NuMI protons to 00:00 Monday 04 February 2008

