NuMI Project Status and Update

Near Detector and Beamline

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Fermilab All Experimenter's Meeting

6 June, 2005

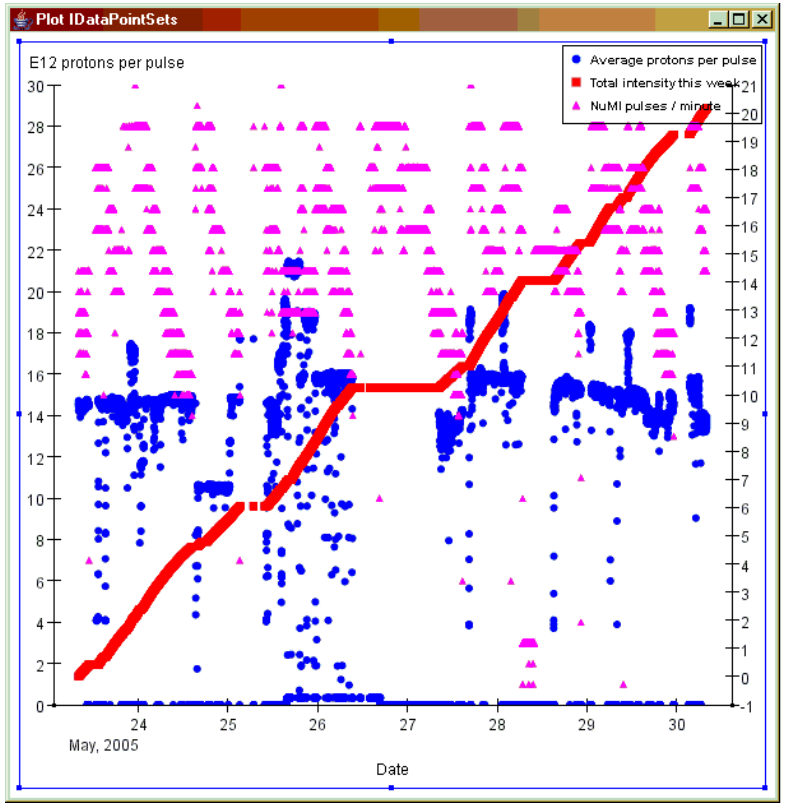
Minos Status

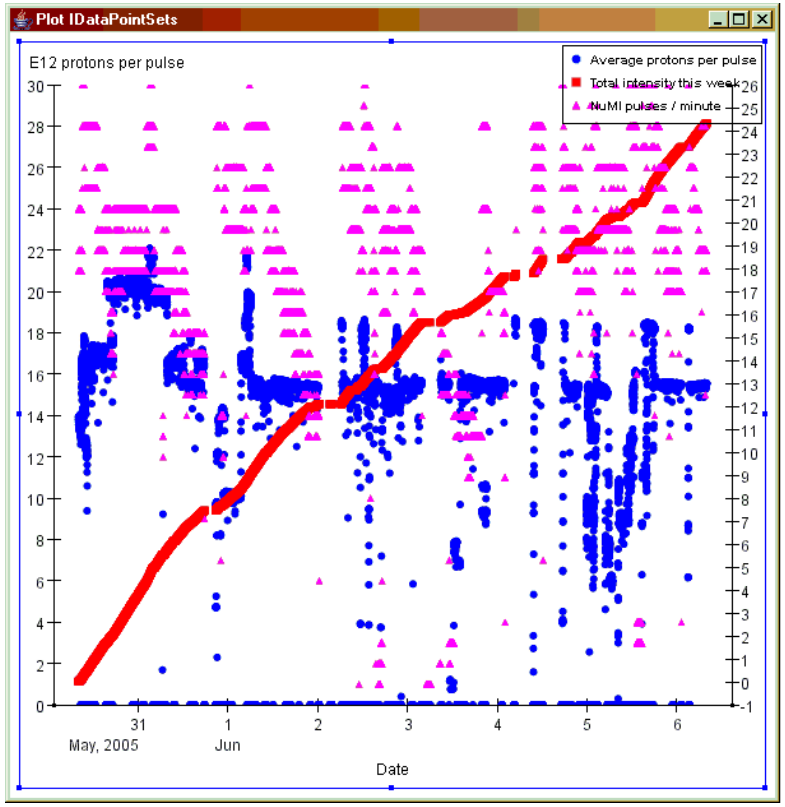
- Experiments continue to run efficiently
- Now using interspersed calibration at near detector as well as far detector.
- Power issues at far detector cause some problems.
  - 480 v power running above 500 V, can cause pumps to trip off.
  - UPS for magnet, GPS timing system didn't work correctly during thunderstorm.
  - This causes a bit (1/2 hour) of data with magnet off, and some data with degraded time stamps, which affects efficiency of one type of trigger.

NuMI Status

- Target leak continues to be controlled by Helium backpressure.
  - Target scan on Friday showed no problems.
- Difficulties in booster RF do cause excursions in beam size on NuMI target.
- We appreciate any and all efforts efforts that can bring us closer to 2.0×10^{13} per pulse.

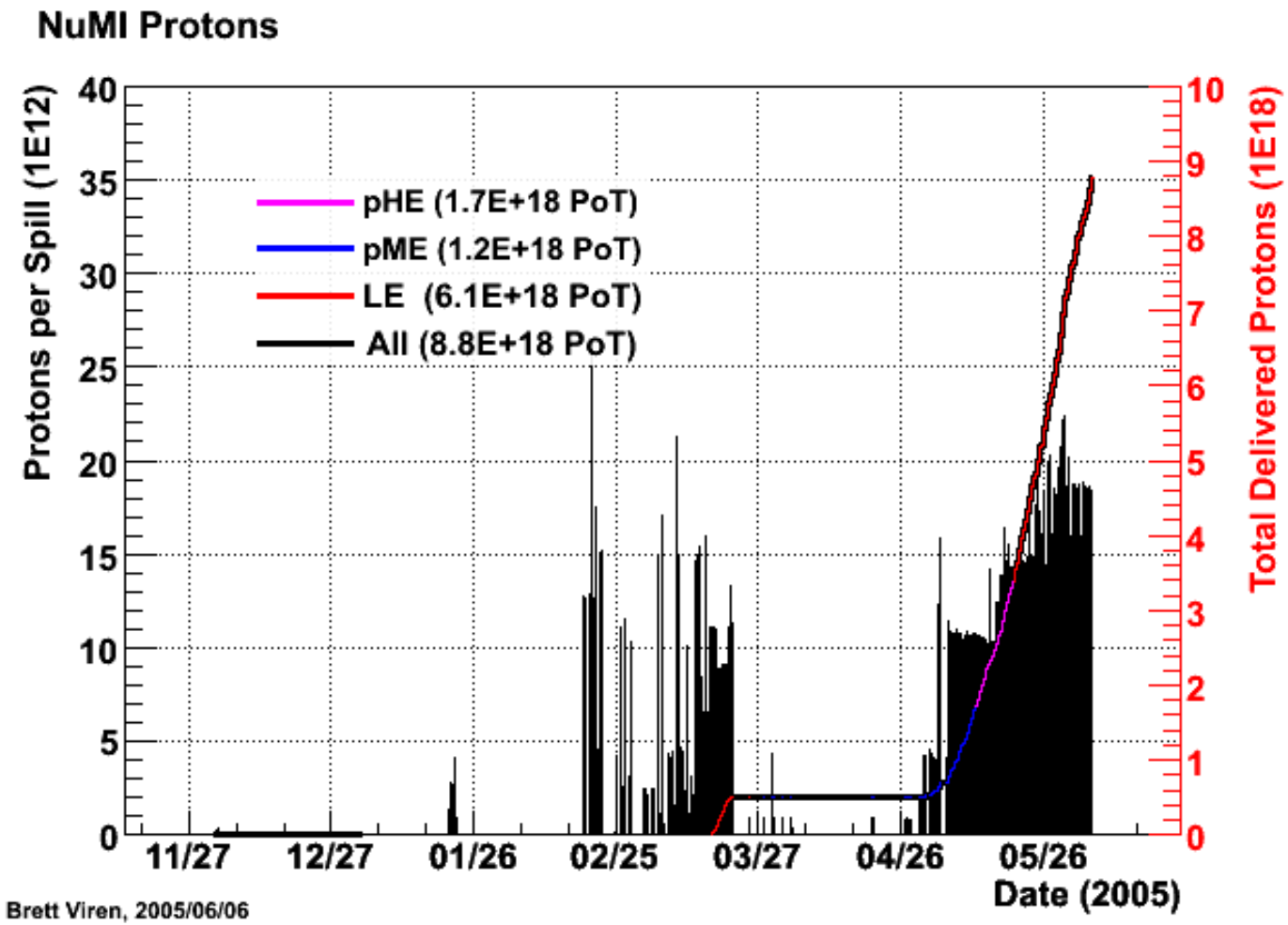
Protons on target – two weeks.



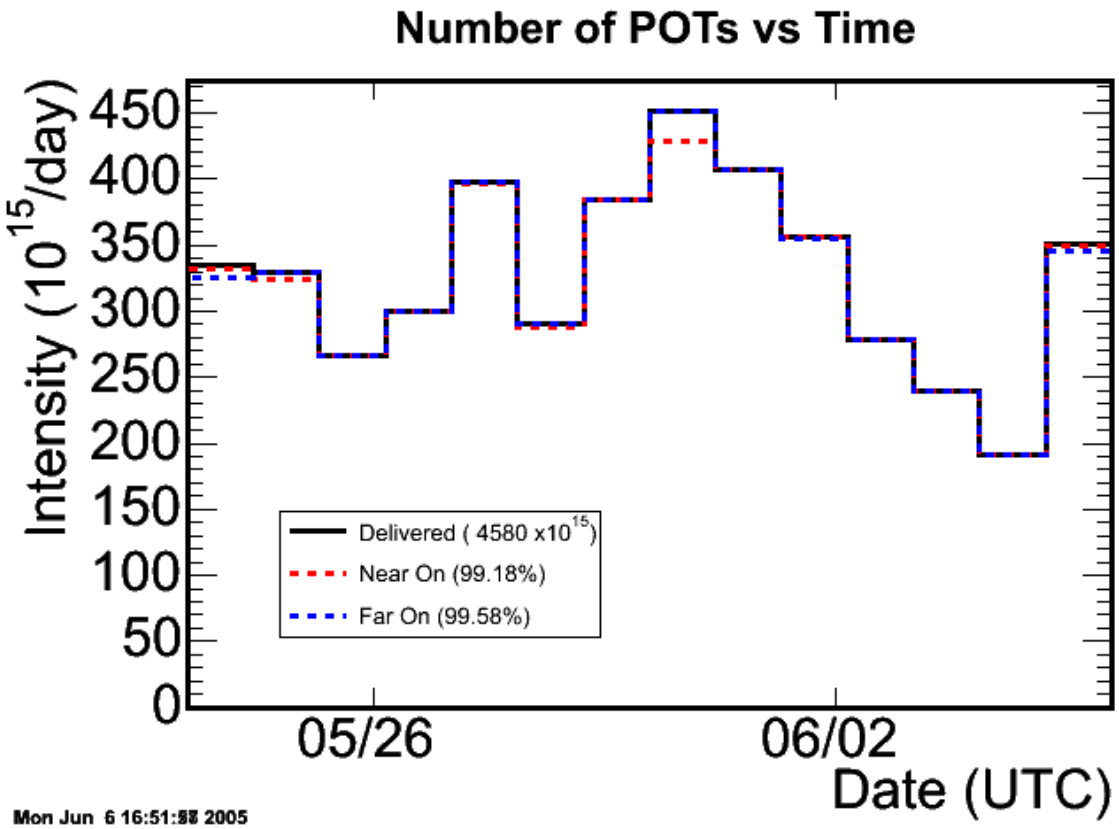


Our estimate of npot – 4.6 x 10^{18}

Estimate of total POT



Last two weeks' downtime



0800 to 0800 CDT