NuMI/MINOS Update

Dixon Bogert

Fermilab All Experimenter's Meeting

13 June, 2005

Minos Status

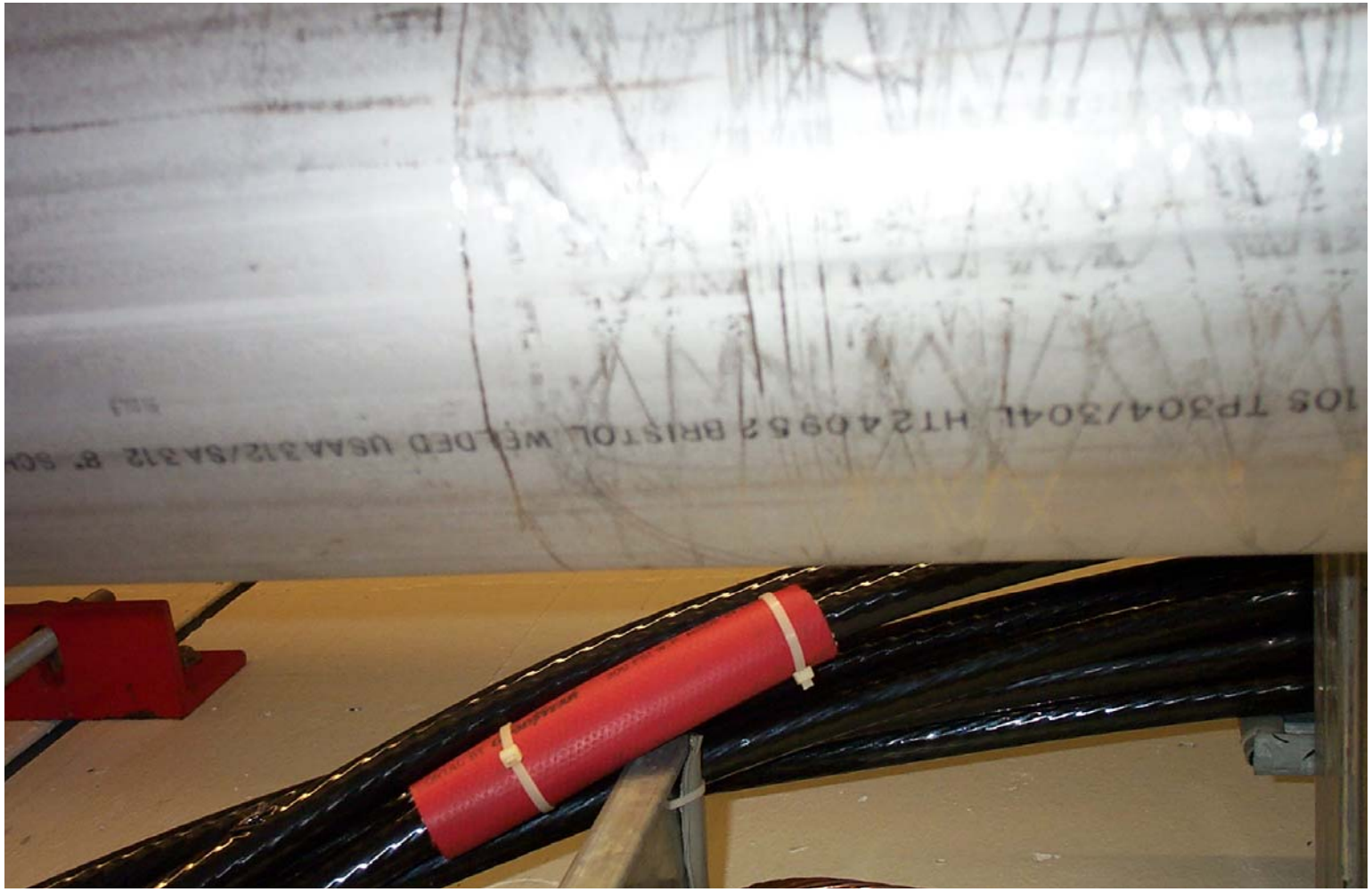
- Experiments continue to run efficiently
- Communication issues at far detector caused some problems.
  - Microwave communication lost in Minnesota for about one hour.

NuMI Status

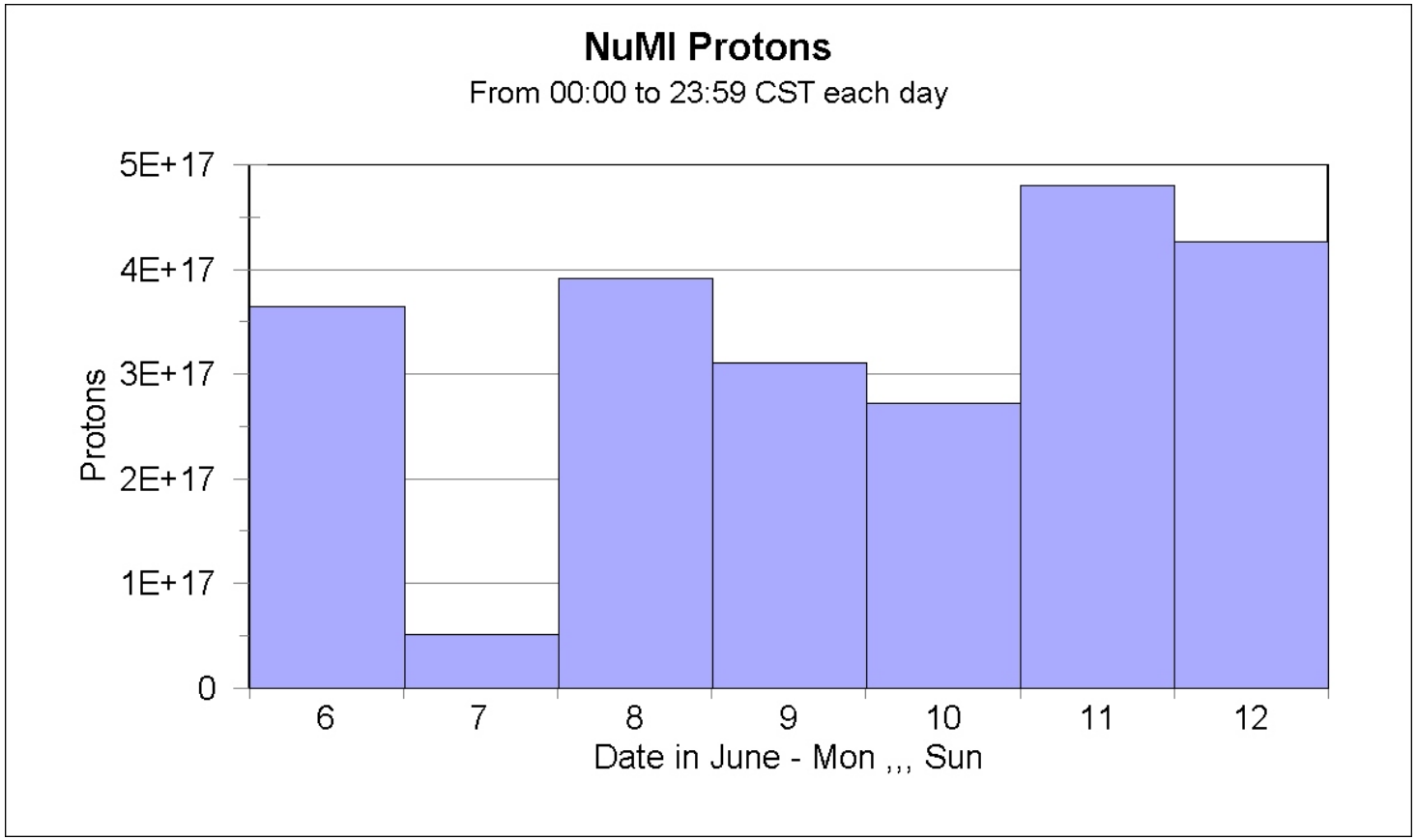
- Target leak continues to be controlled by Helium backpressure.
  - Target scan a week ago Friday showed no problems.
- Ground fault Sunday evening in V100 C-magnet system - actually the C-magnet is o.k.; fault located in power cables upstairs in MI-60 – cleared this morning.
- We appreciate any and all efforts efforts that can bring us closer to 2.0×10^{13} per pulse.

E:V100 C-Magnet

E:V100 C-Magnet Power Cables (Upstairs) - Repaired



Protons on target



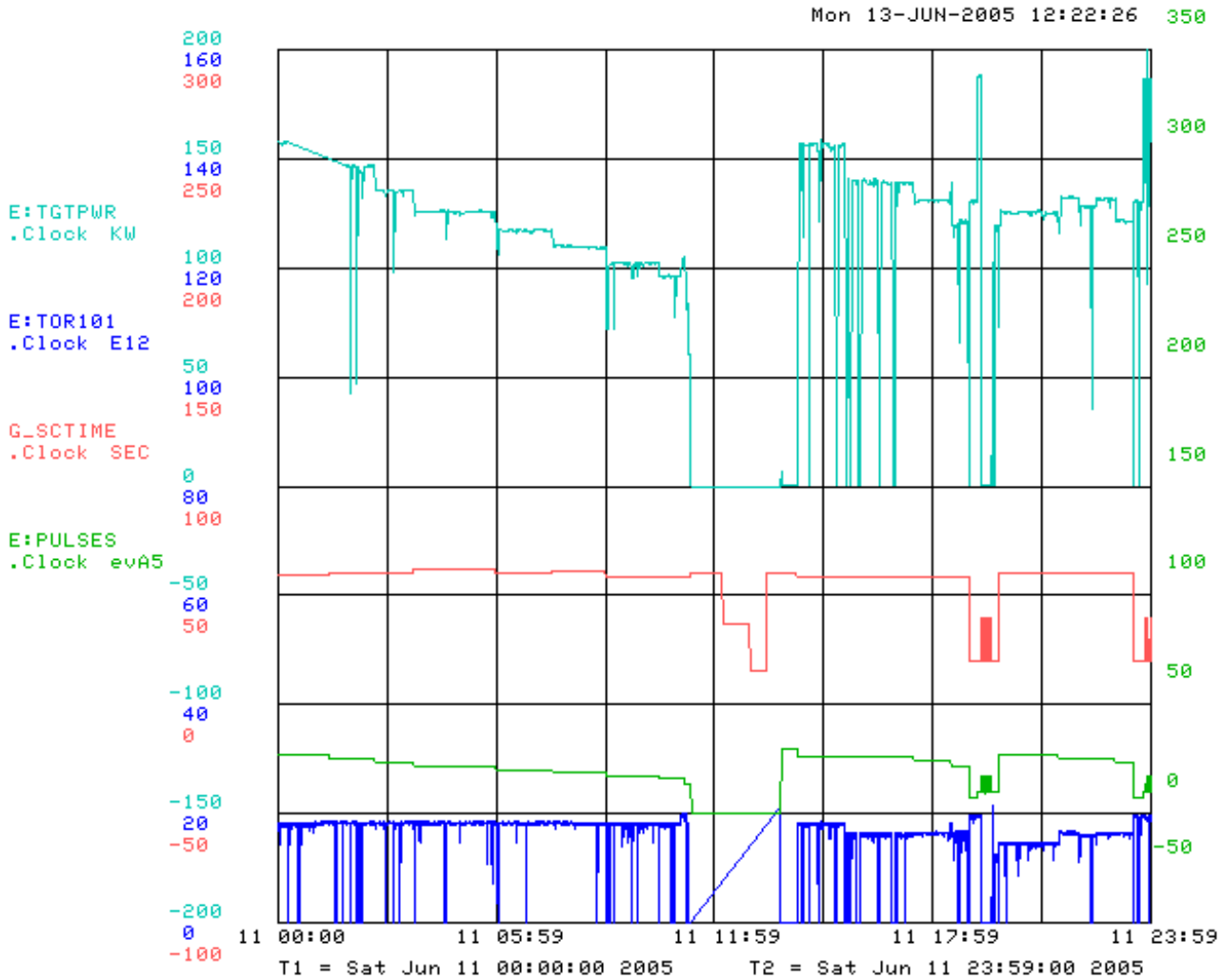
Our estimate of npot (This week) – 2.3×10^{18}

Our estimate of npot (Previous two weeks)– 4.6×10^{18}

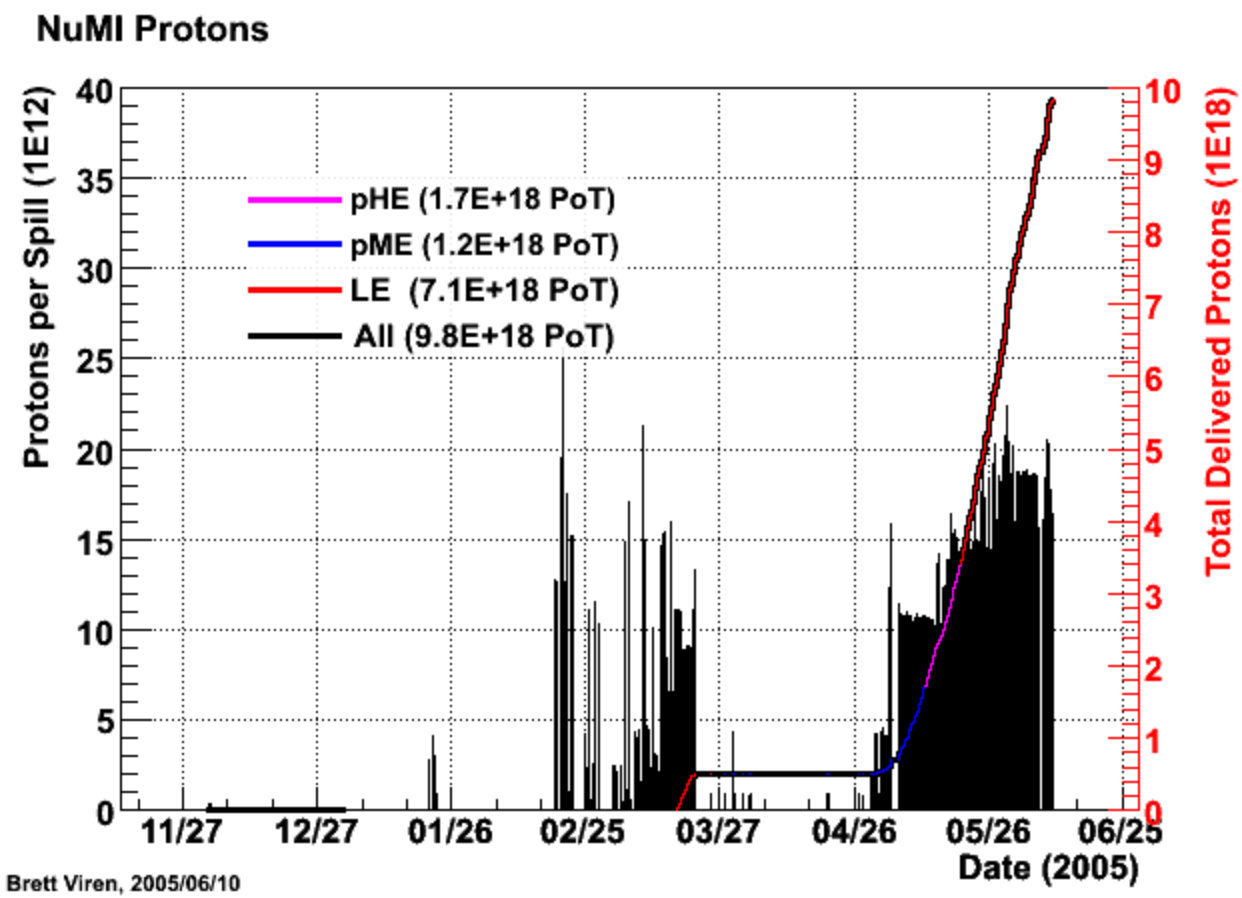
Average for three weeks is 2.3×10^{18}/week

Beam Power Saturday 6/11

D. Bogert
Fermilab All
Experimenters Meeting

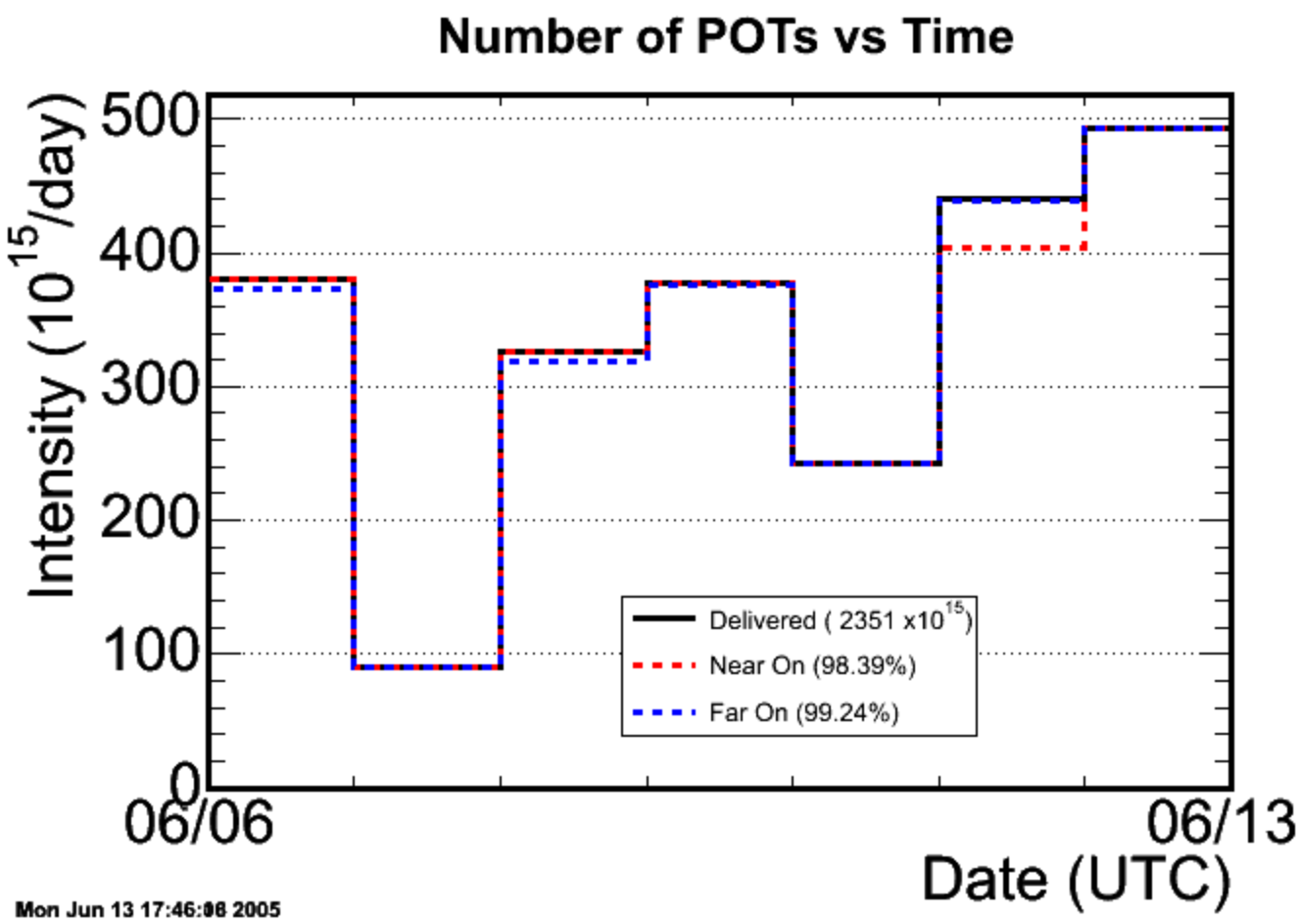


Estimate of total POT



Through last Friday only – we are now over $1x10^{19}$

Last weeks' downtime



(Note: Monday through Sunday - UTC)