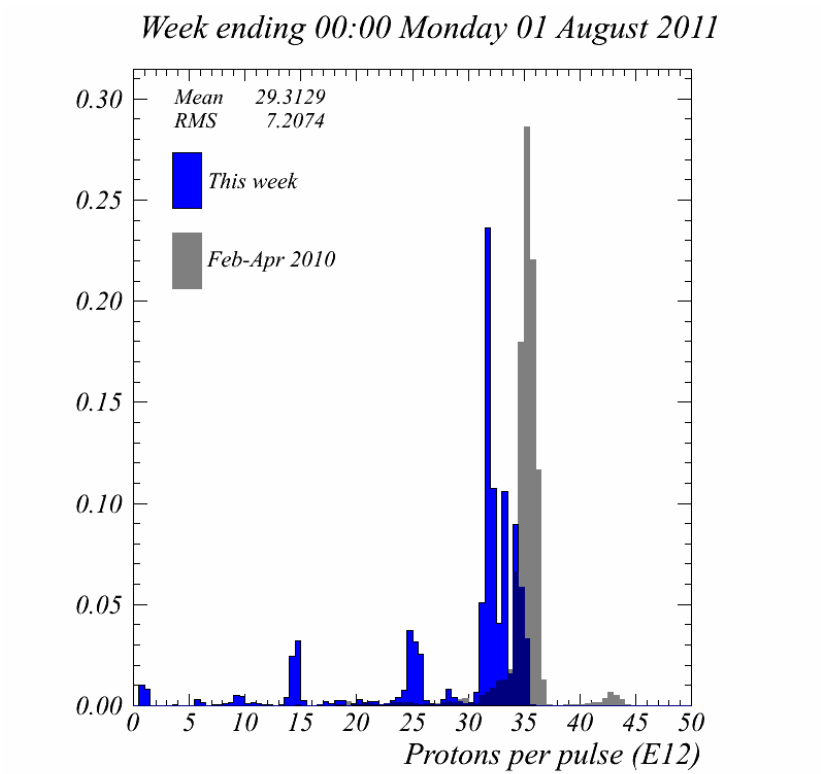
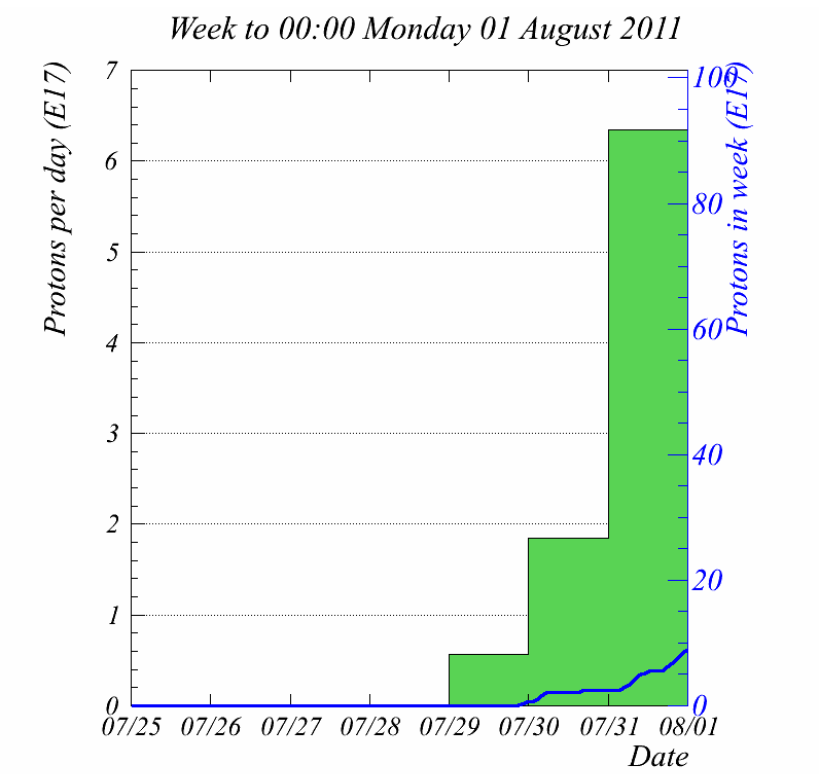
NuMI-MINOS Status Report - Nick Graf

Beam returned Friday around 21:45. Intensity slightly lower than normal, ~32e12. Expect to ramp up.
8e17 POT taken last week in reverse horn current (anti-neutrino) mode.

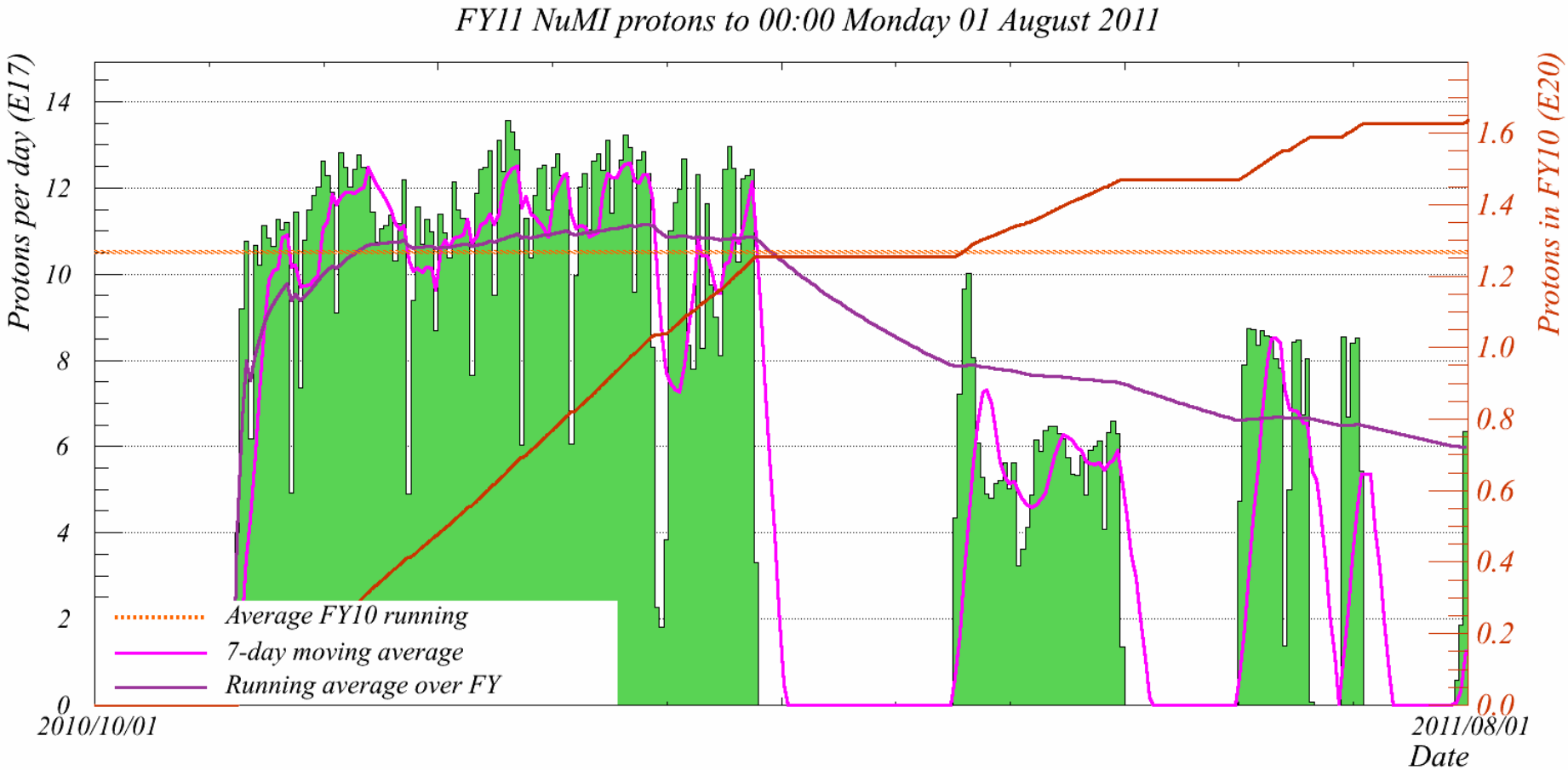




All Exp Mtg
August 1, 2011

NuMI-MINOS Status Report - Nick Graf

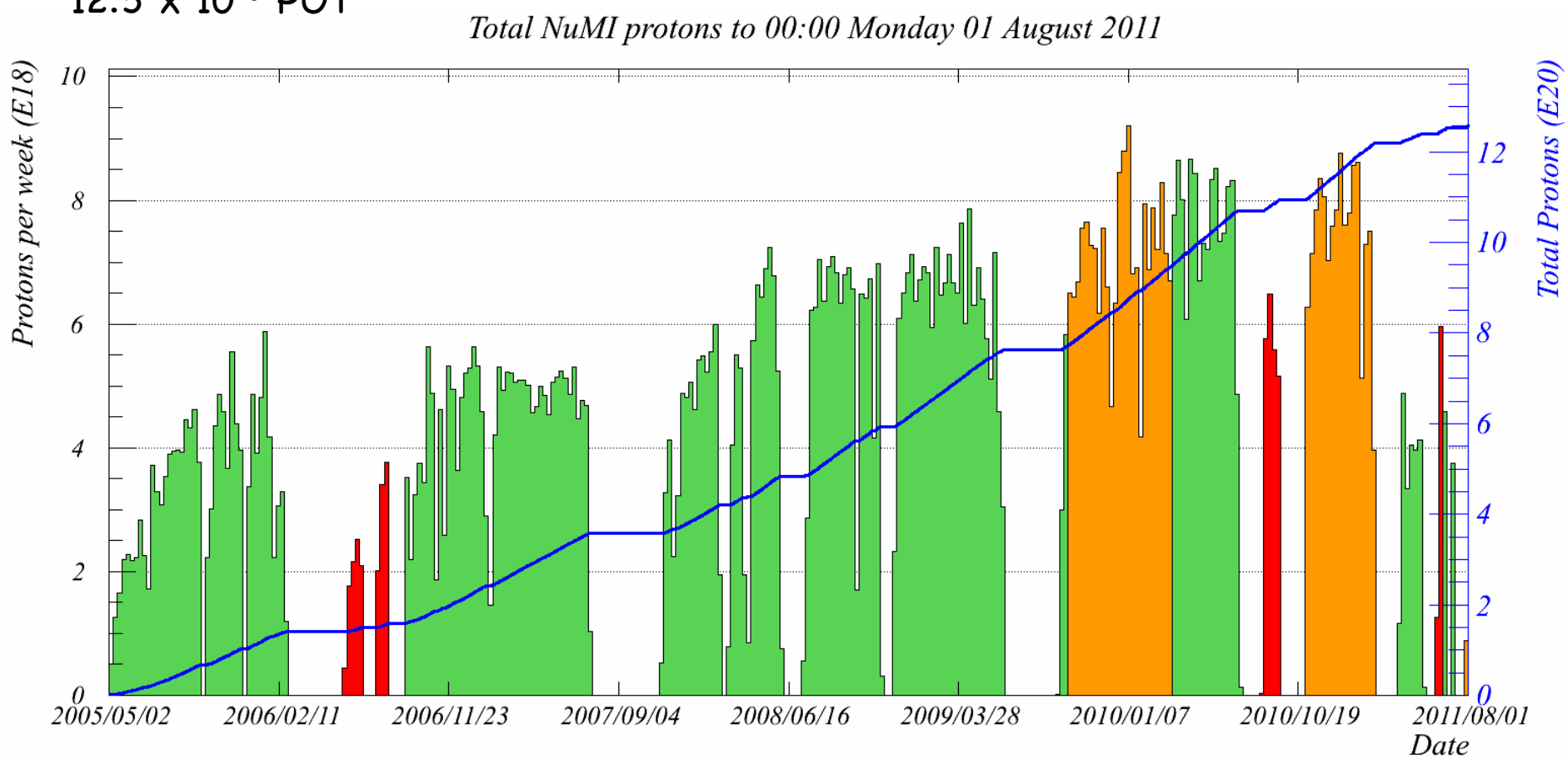
FY11: Over 1.6 x 10^{20} POT



NuMI-MINOS Status Report - Nick Graf

Protons on Target (since 2005)

12.5 x 10^{20} POT



NuMI-MINOS Status Report - Nick Graf

Live Time: 75.3% good physics data
POT Fraction: 97.2% good physics data

- No problems from power outages last week.
- Help from Dave Huffman and technicians from CDF with investigating problem with ROP modules failing in crate 5.
    - Possibly failing capacitors used to reduce transient voltage.
    - Need to check backplane.
- Only two spare ROPs, power supplies.
- Very expensive.
- Working on test stand to evaluate spare components.

NuMI-MINOS Status Report - Nick Graf

Live Time: 95.1% good physics data
POT Fraction: 99.8% good physics data

- One bad channel needs to be addressed.
- Need to replace power supply in one electronics crate.
- Fiber cable work scheduled for Wednesday. May affect our connection to the mine.