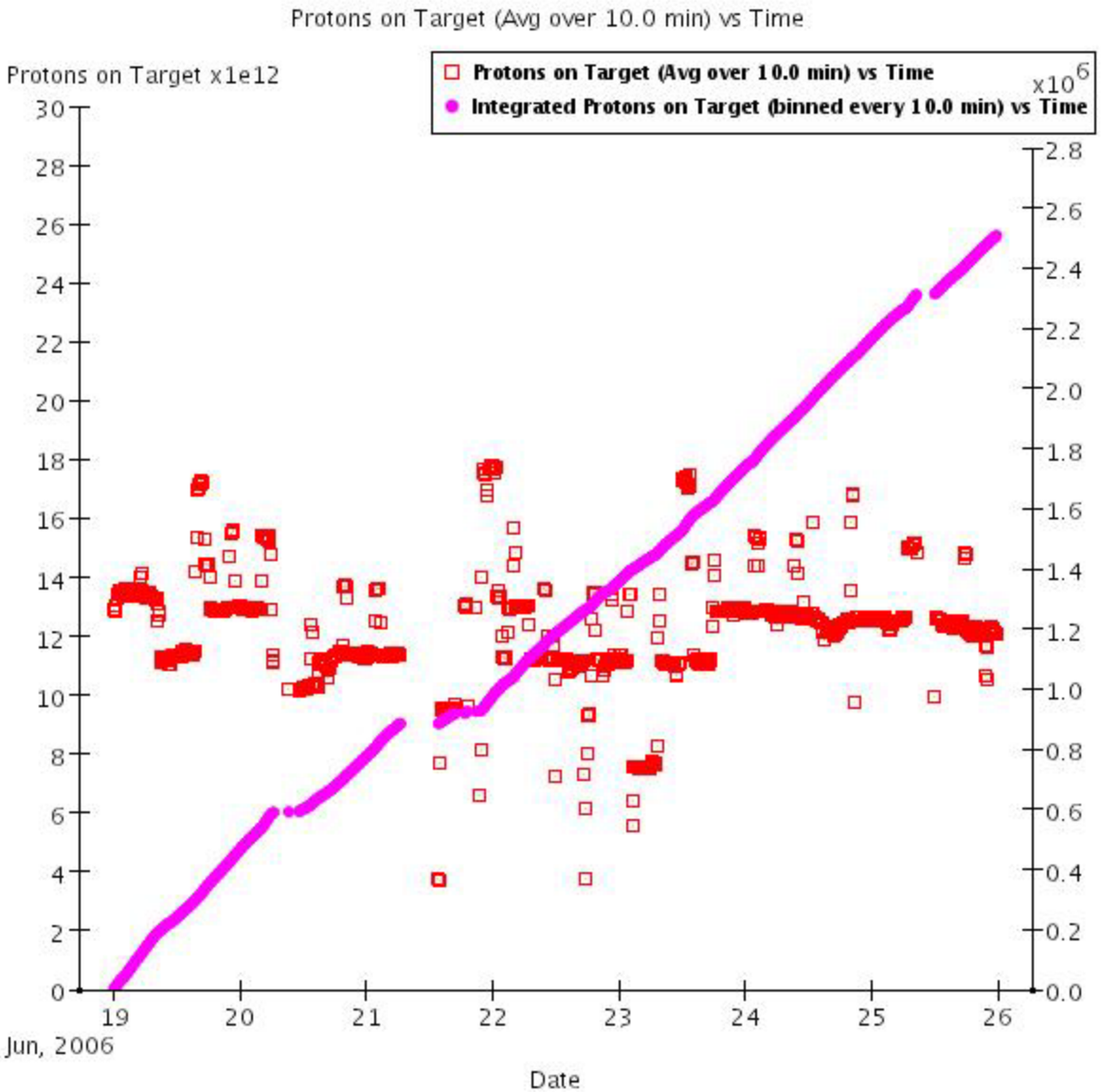
# MINOS Status Report



- Total of 2.52E18 protons in last 7 days
  - Vs. 2.17E18 week before
  - Up to 7 turns today
  - Improvement despite losing several hours to tritium hunters
- 14.5E12 ppp mixed-mode, 17.5E12 NuMI-only
  - Vs. 22E12 and 26E12 before shutdown
    - Protons at 66% of earlier running
    - Power ratio is 59% in mixed-mode, longer cycles
- Beam Permit System trips at a very low level

# MINOS Status Report

All Exp Mtg
27-Jun-06

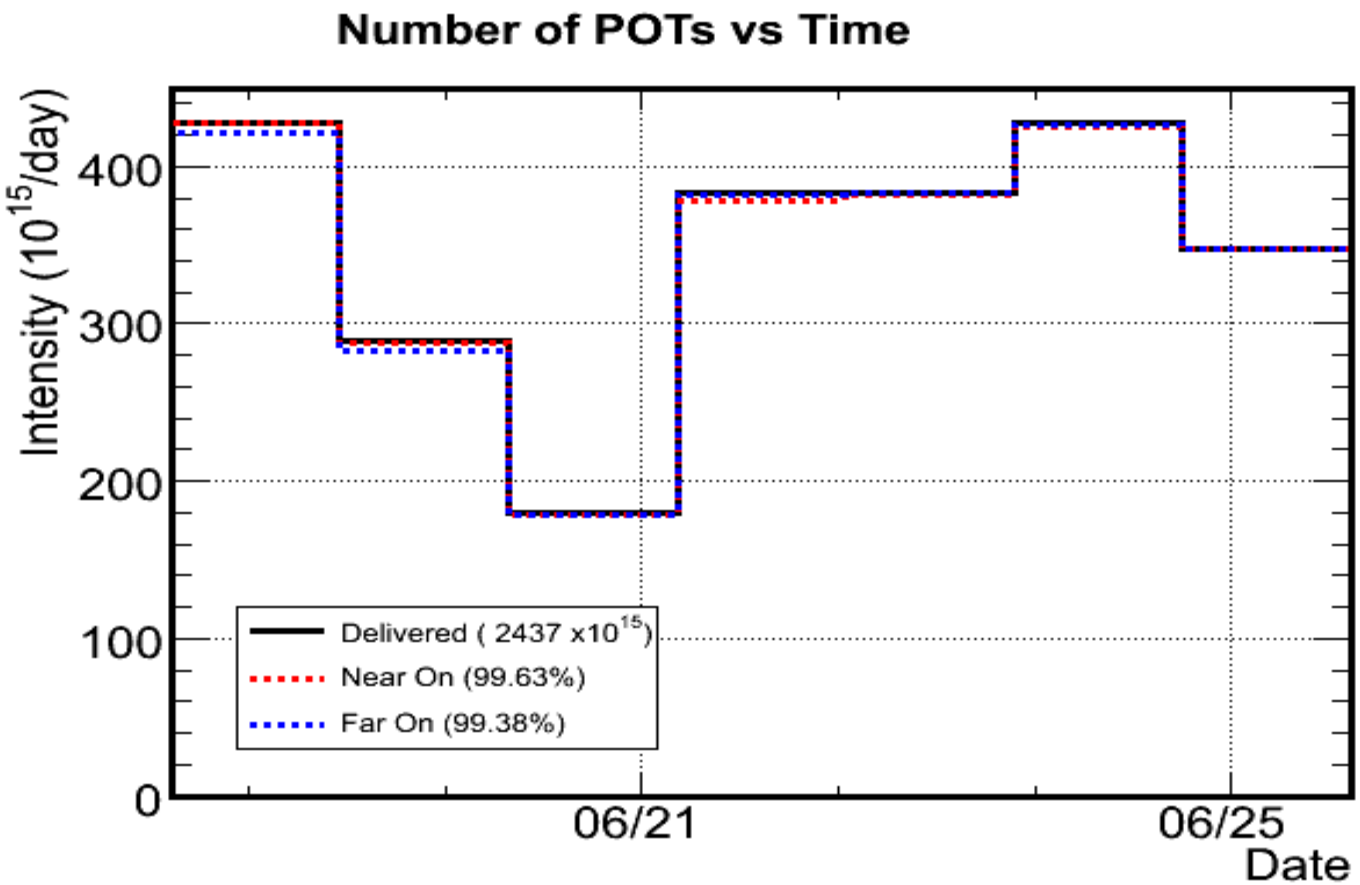



PowerPlot

2.5 E18
Integrated
protons on target
for the week

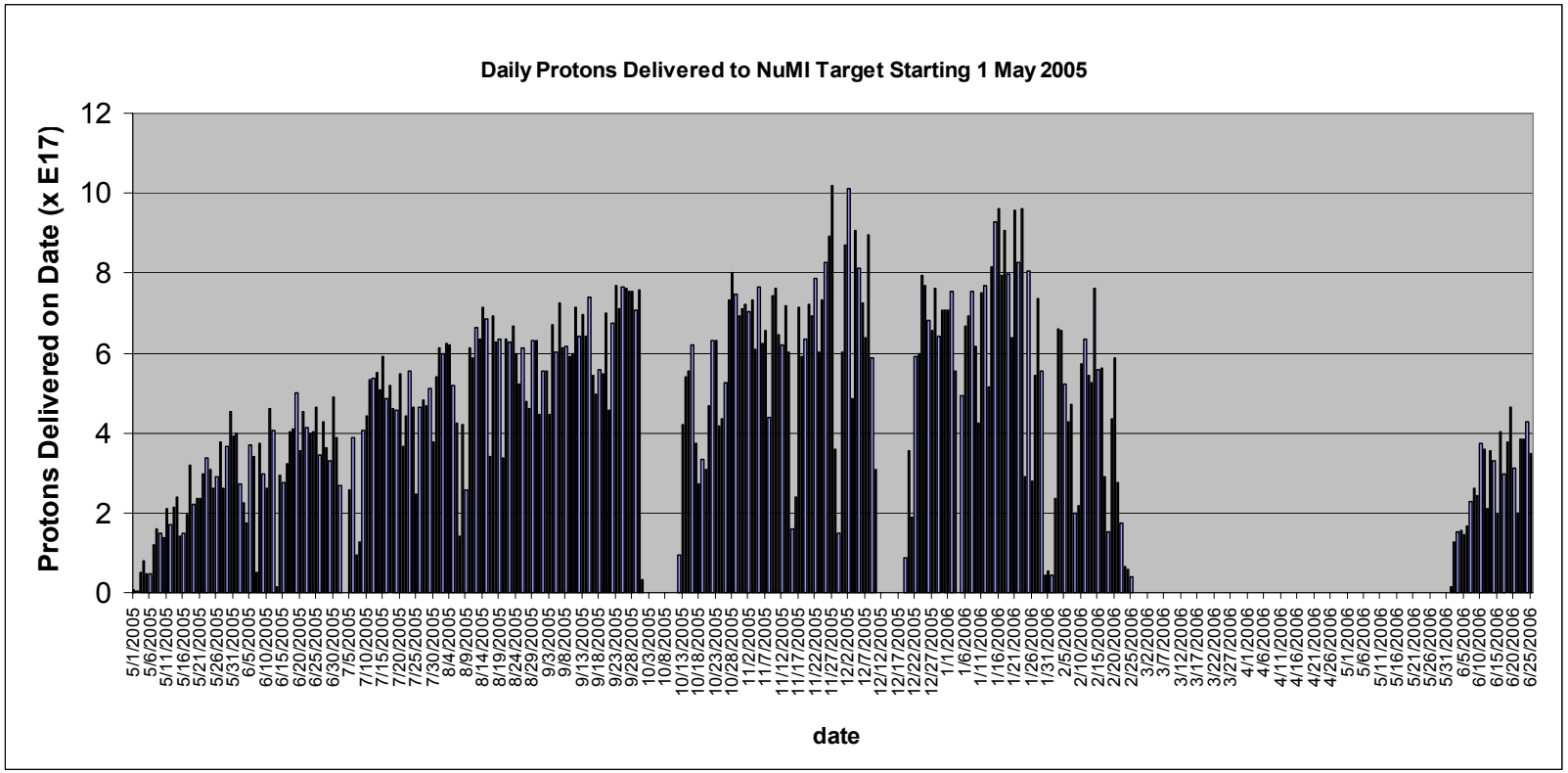
# MINOS Status Report

All Exp Mtg
26-Jun-06



# MINOS Status Report

All Exp Mtg
27-Jun-06

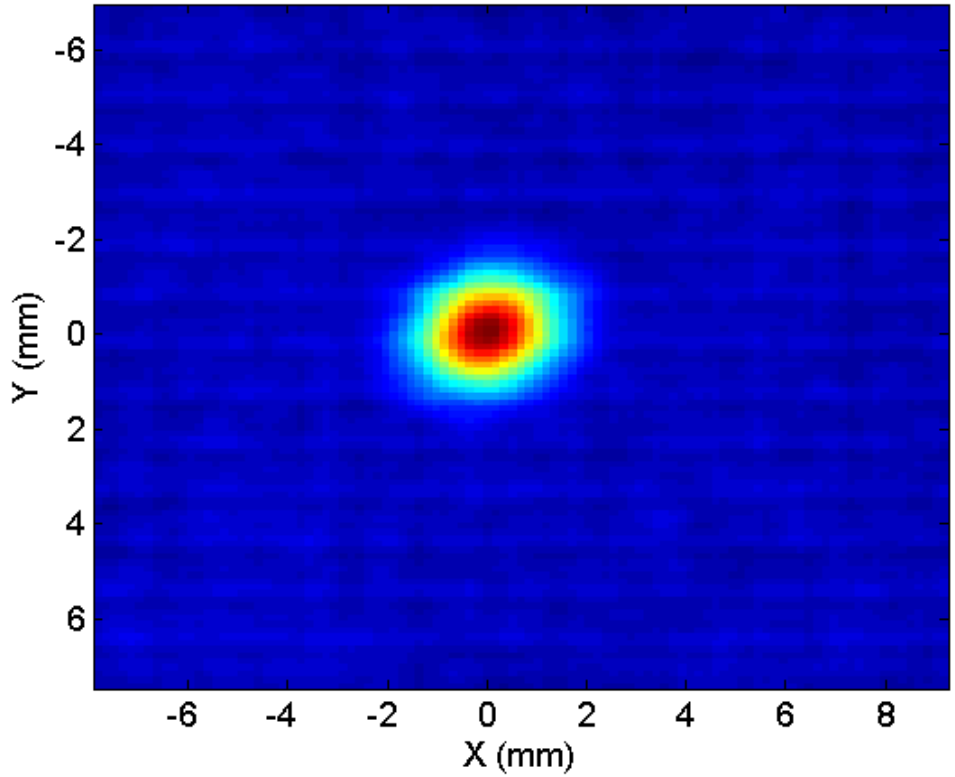


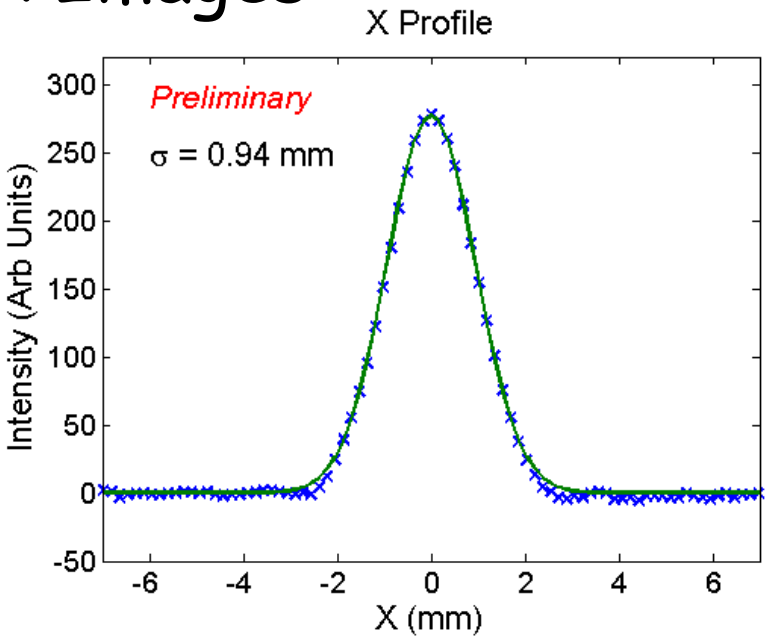

Protons delivered per day

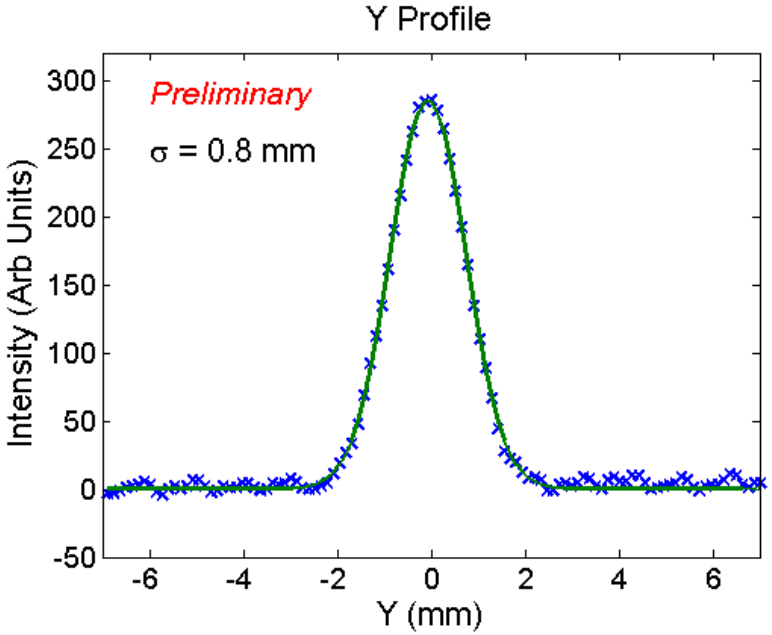
Total since May/05 1.47 E20 pot
(1.39 E20 delivered before June 2006)

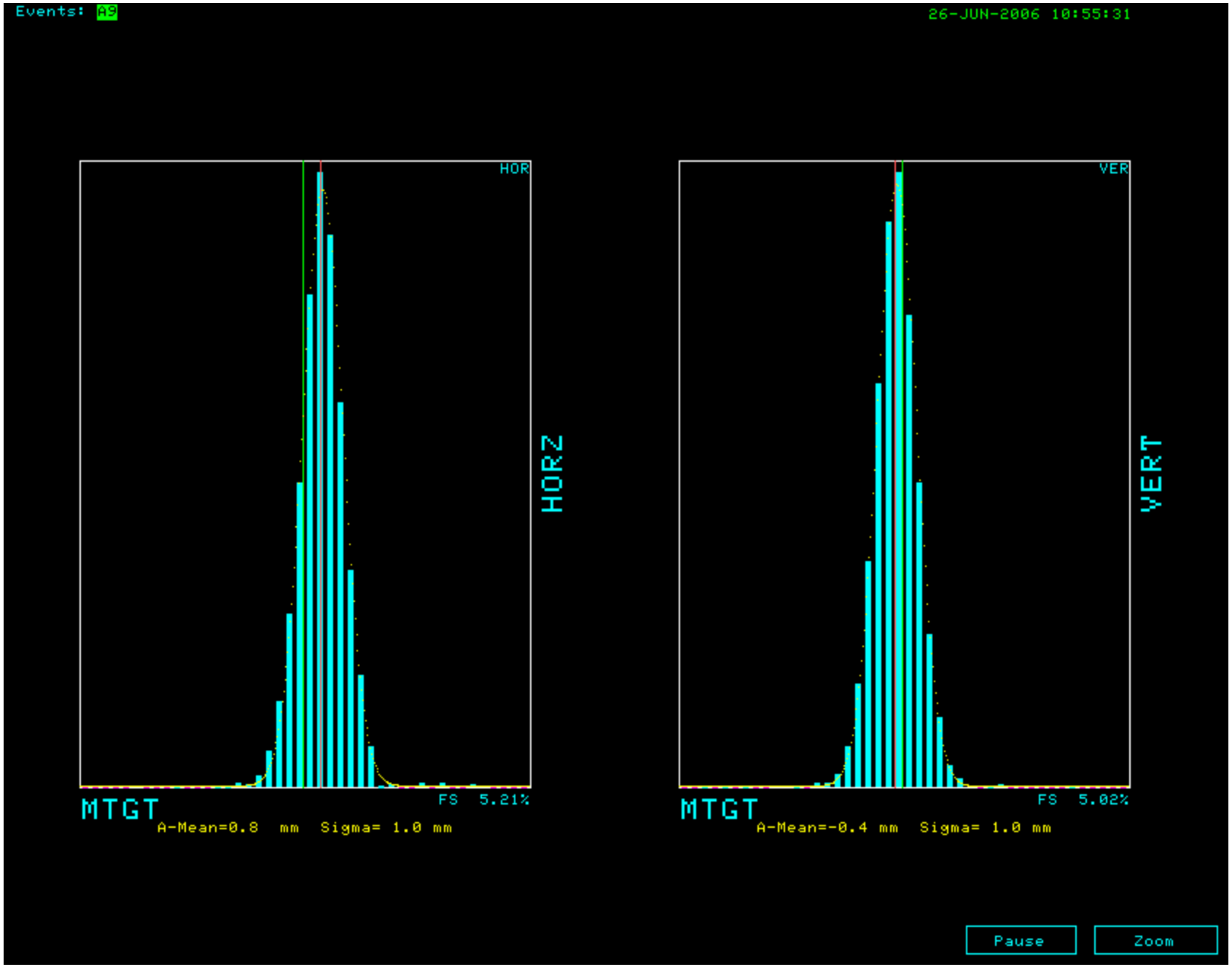
# First NuMI OTR Images

- OTR just upstream of target
- 9.4E12 120 GeV protons/spill
- 8.4 μm Kapton + 0.17 μm Al foil
- Foil in beam ~45 minutes at various intensities




Events: 89
26-JUN-2006 10:55:31
HOR
HORZ
MTGT
FS 5.21%
A-Mean=0.8 mm Sigma= 1.0 mm
VER
VERT
MTGT
FS 5.02%
A-Mean=-0.4 mm Sigma= 1.0 mm
Pause
Zoom