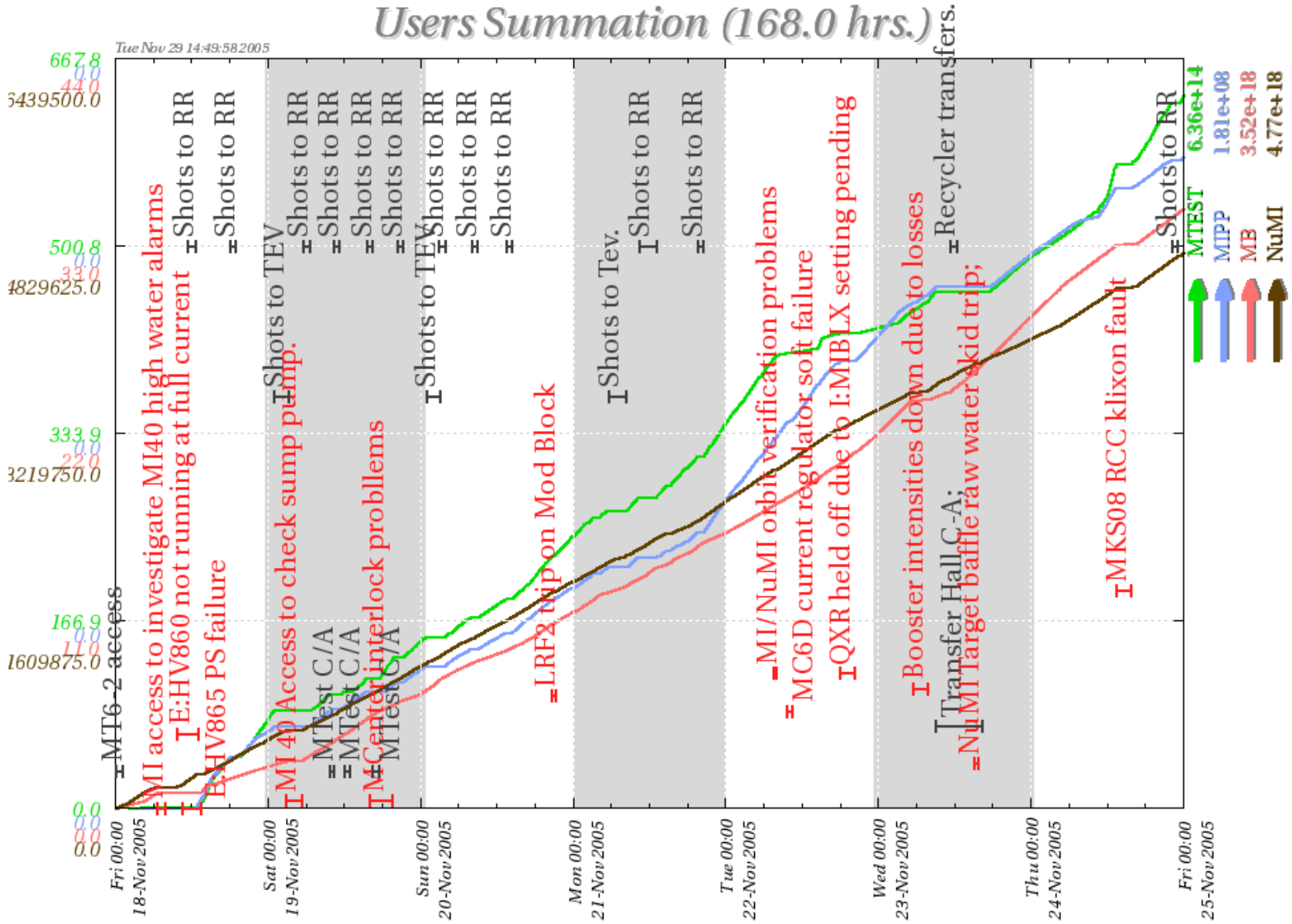
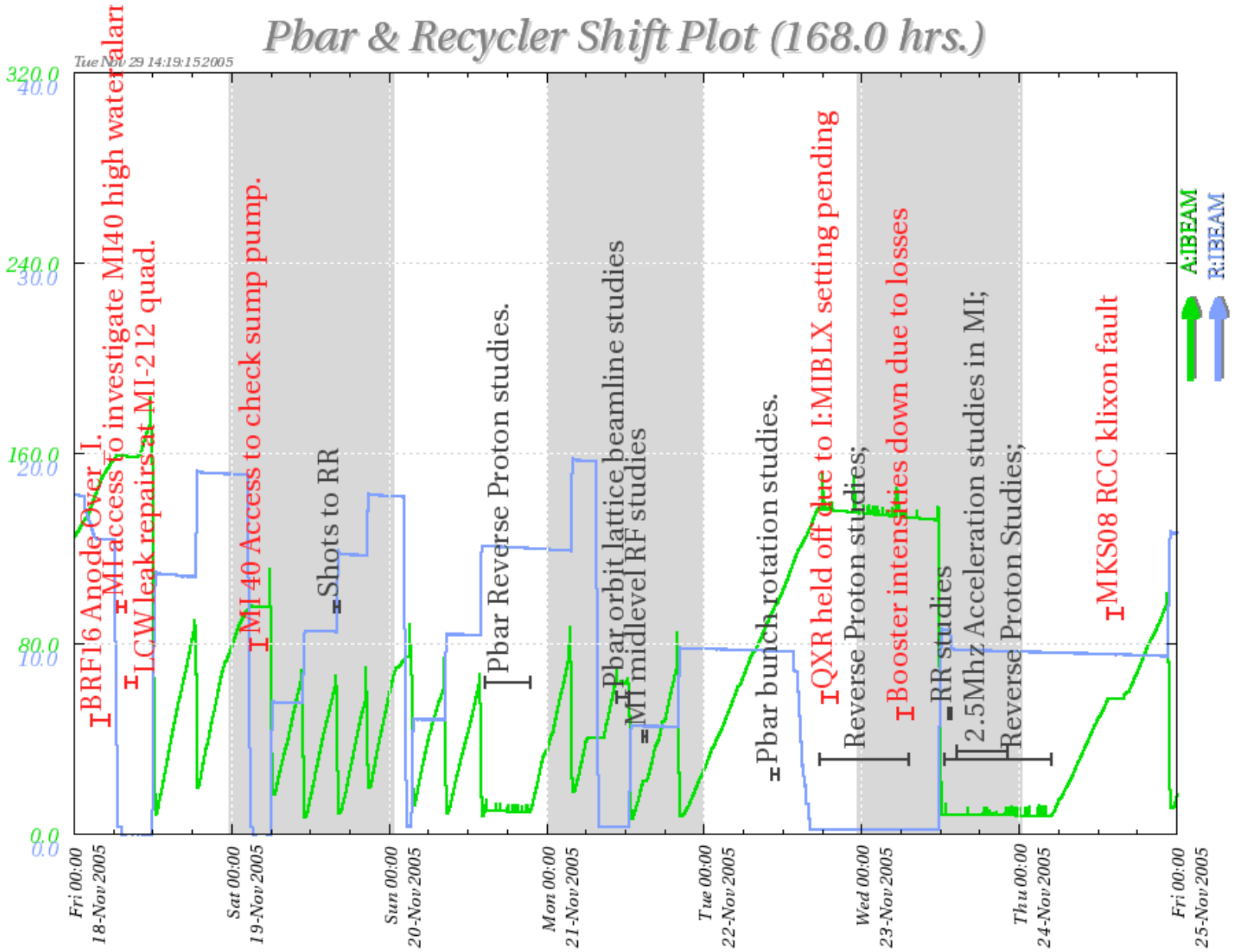
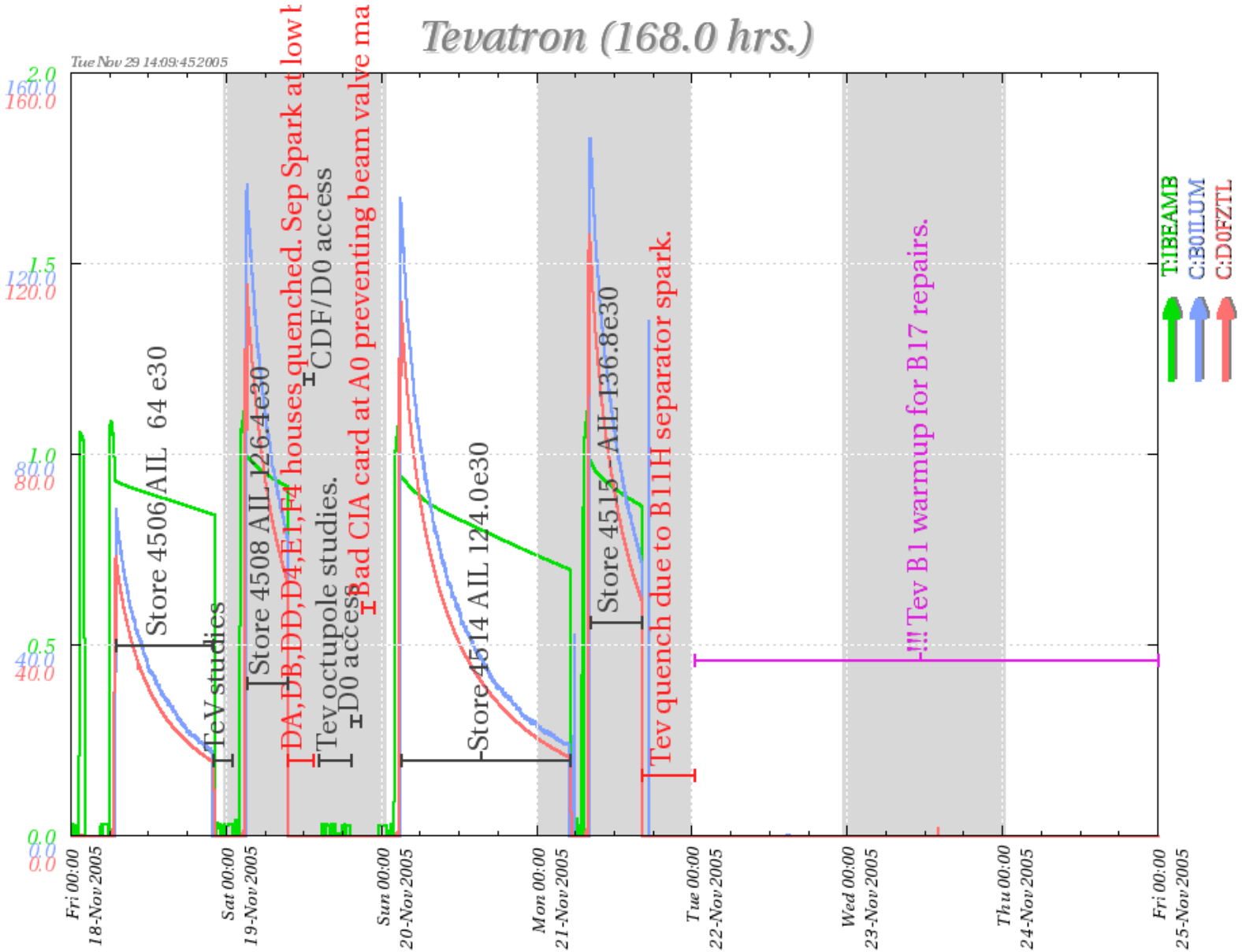
Accelerator Week in Review

- **Thanksgiving – No Meeting**
- Part I: Regular 9am Scheduling Meeting
  - Crew Chief Summary
  - 48 hour machine summaries and study requests – Machine Coordinators
  - Operational Plan – Brian Drendel
- Part II: Weekly Machine Reports
  - Weekly Operational Summary – Brian Drendel
    - User, Pbar and Tevatron weekly operational plots
    - Collider shot summary
    - NuMI beam summary
    - MiniBooNE beam summary
  - Weekly Machine Summaries – Machine Coordinators


Users Summation (168.0 hrs.)
Tue Nov 29 14:49:58 2005
667.8
0.0
44.0
5439500.0
500.8
0.0
33.0
4829625.0
333.9
0.0
22.0
3219750.0
166.9
0.0
11.0
1609875.0
0.0
0.0
0.0
0.0
Fri 00:00 18-Nov 2005
Sat 00:00 19-Nov 2005
Sun 00:00 20-Nov 2005
Mon 00:00 21-Nov 2005
Tue 00:00 22-Nov 2005
Wed 00:00 23-Nov 2005
Thu 00:00 24-Nov 2005
Fri 00:00 25-Nov 2005
MT6-2 access
MI access to investigate MI40 high water alarms
E:HV860 not running at full current
E:HV865 PS failure
Shots to RR
Shots to RR
MI 40 Access to check sump pump.
Shots to TEV
Shots to RR
Shots to RR
Shots to RR
Shots to RR
MTest C/A
MTest C/A
MTest C/A
Central interlock probllems
Shots to TEV
Shots to RR
Shots to RR
Shots to RR
LRF2 trip on Mod Block
Shots to Tev.
Shots to RR
Shots to RR
MI/NuMI orbit verification problems
MC6D current regulator soft failure
QXR held off due to I:MBLX setting pending
Booster intensities down due to losses
Recycler transfers.
Transfer Hall C-A;
NuMI Target baffle raw water skid trip;
MKS08 RCC klixon fault
Shots to RR
MTEST 6.36e+14
MIPP 1.81e+08
MB 3.52e+18
NuMI 4.77e+18


Pbar & Recycler Shift Plot (168.0 hrs.)
Tue Nov 29 14:19:15 2005
320.0
40.0
240.0
30.0
160.0
20.0
80.0
10.0
0.0
0.0
BRF16 Anode Over I.
MI access to investigate MI40 high water alarm
LCW leak repairs at MI-212 quad.
MI 40 Access to check sump pump.
Shots to RR
Pbar Reverse Proton studies.
Pbar orbit lattice beamline studies
MI midlevel RF studies
Pbar bunch rotation studies.
QXR held off due to I:MIBLX setting pending
Reverse Proton studies;
Booster intensities down due to losses
RR studies
2.5Mhz Acceleration studies in MI;
Reverse Proton Studies;
MKS08 RCC klixon fault
A:IBEAM
R:IBEAM
Fri 00:00 18-Nov 2005
Sat 00:00 19-Nov 2005
Sun 00:00 20-Nov 2005
Mon 00:00 21-Nov 2005
Tue 00:00 22-Nov 2005
Wed 00:00 23-Nov 2005
Thu 00:00 24-Nov 2005
Fri 00:00 25-Nov 2005


Tevatron (168.0 hrs.)
Tue Nov 29 14:09:45 2005
T:IBEAMB
C:B0ILUM
C:D0FZTL
Store 4506 AIL 64 e30
TeV studies
Store 4508 AIL 126.4e30
DA,DB,DD,D4,E1,F4 houses quenched. Sep Spark at low t
Tev octupole studies.
D0 access
CDF/D0 access
Bad CIA card at A0 preventing beam valve ma
Store 4514 AIL 124.0e30
Store 4515 AIL 136.8e30
Tev quench due to B11H separator spark.
!!! Tev B1 warmup for B17 repairs.
Fri 00:00 18-Nov 2005
Sat 00:00 19-Nov 2005
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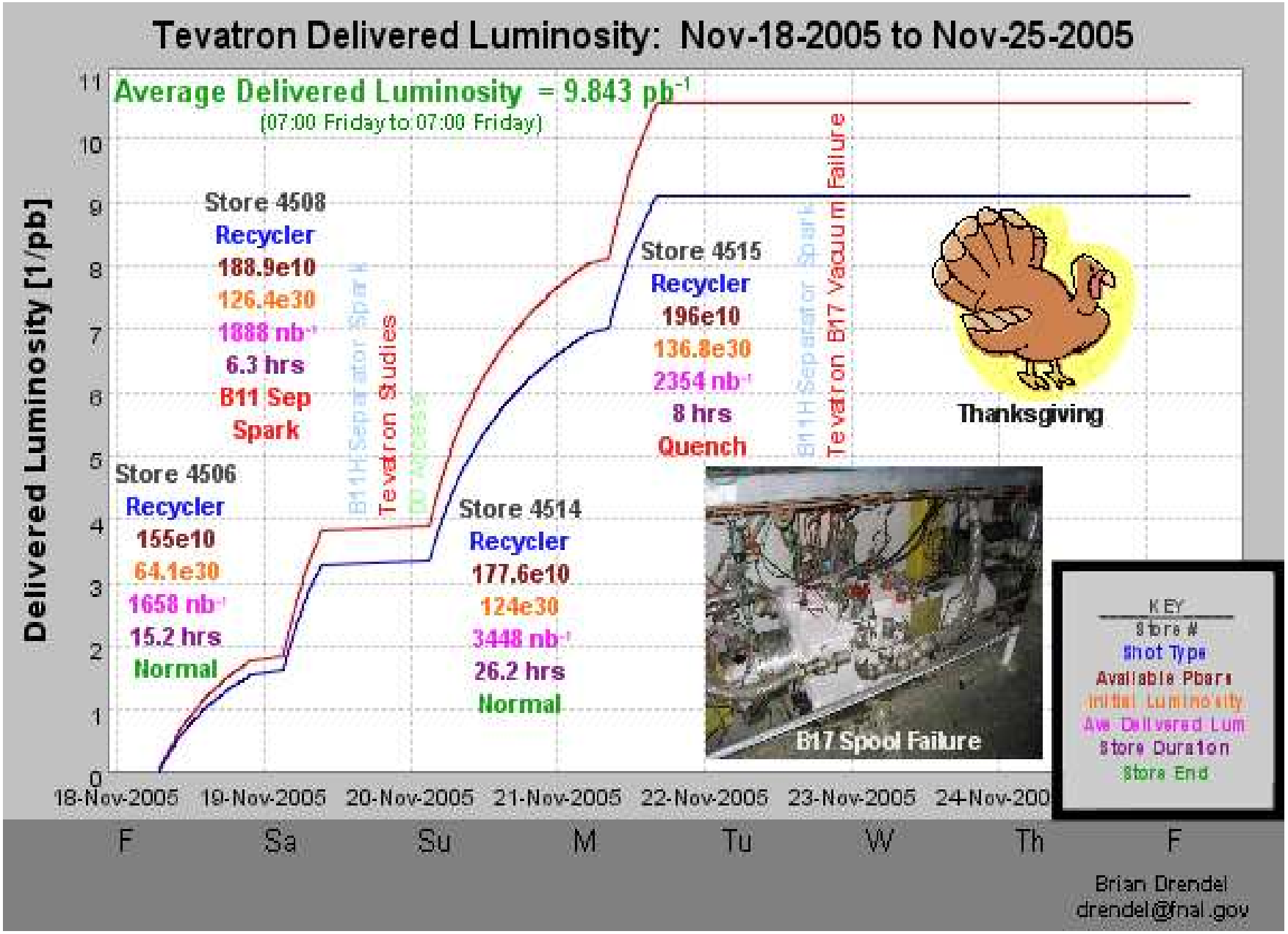
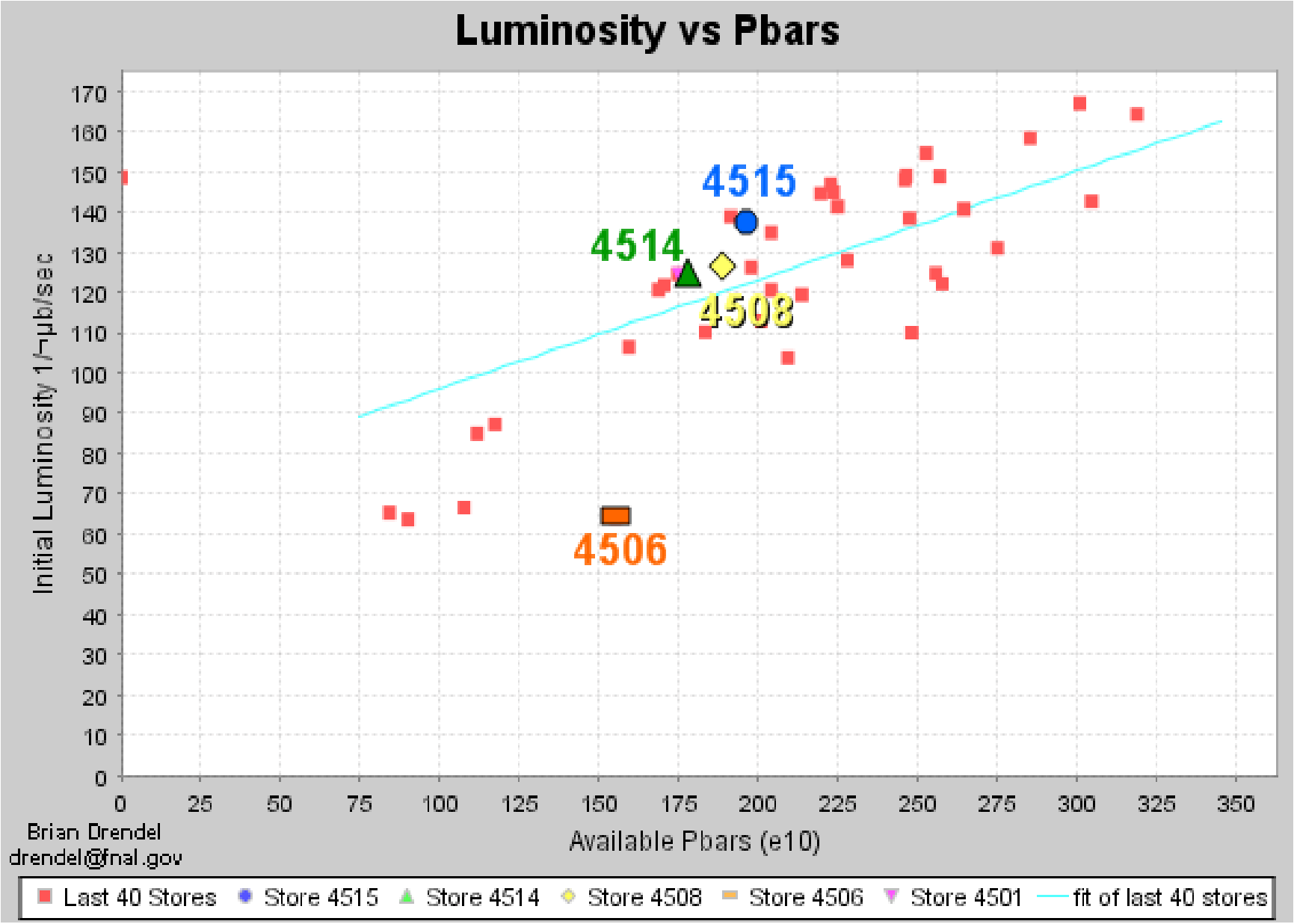
Wed 00:00 23-Nov 2005
Thu 00:00 24-Nov 2005
Fri 00:00 25-Nov 2005


Tevatron Delivered Luminosity: Nov-18-2005 to Nov-25-2005
Average Delivered Luminosity = 9.843 pb-1
(07:00 Friday to 07:00 Friday)
Delivered Luminosity [1/pb]
Store 4508
Recycler
188.9e10
126.4e30
1888 nb-1
6.3 hrs
B11 Sep
Spark
Store 4506
Recycler
155e10
64.1e30
1658 nb-1
15.2 hrs
Normal
B11H Separator Spark
Tevatron Studies
Store 4514
Recycler
177.6e10
124e30
3448 nb-1
26.2 hrs
Normal
Store 4515
Recycler
196e10
136.8e30
2354 nb-1
8 hrs
Quench
B11H Separator Spark
Tevatron B17 Vacuum Failure
Thanksgiving
B17 Spool Failure
KEY
Store #
Shot Type
Available Pbars
Initial Luminosity
Ave Delivered Lum
Store Duration
Store End
18-Nov-2005
19-Nov-2005
20-Nov-2005
21-Nov-2005
22-Nov-2005
23-Nov-2005
24-Nov-200
F
Sa
Su
M
Tu
W
Th
F
Brian Drendel
drendel@fnal.gov


Luminosity vs Pbars
Initial Luminosity 1/¬µb/sec
Available Pbars (e10)
4515
4514
4508
4506
Brian Drendel
drendel@fnal.gov
Last 40 Stores
Store 4515
Store 4514
Store 4508
Store 4506
Store 4501
fit of last 40 stores