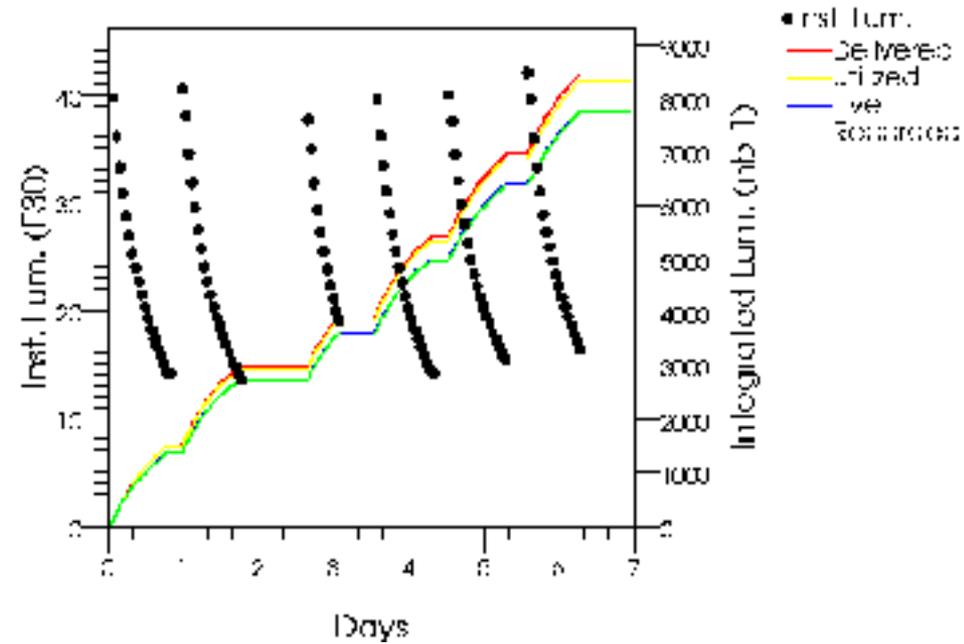
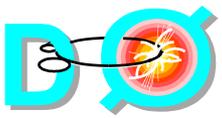


DO Weekly Summary: May 11th to May 18th

- Delivered Luminosity and operating efficiency
 - ♦ Delivered 8.5pb^{-1}
 - ♦ Recorded 7.8pb^{-1} (92%)
- Very smooth data taking. Inefficiency down to 8% this week from 14% last week
 - ♦ HV down closer to the end of store
 - ♦ Less frequent change of runs.
- FEBs reduced
 - ♦ Less L2 monitoring, fewer noisy silicon channels
- Performance of the Tevatron was very stable
- Total number of events collected
 - ♦ 13 million.
- Beam halo
 - ♦ Mainly close to be within specs
- Beam position
 - ♦ Within 1mm from the detector center and stable

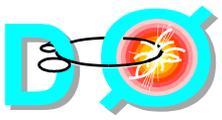


Day of the week



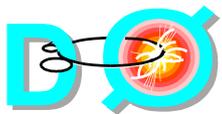
Accesses

- DO had requested 2 accesses over the past week
 - ♦ 20 minutes long access on Saturday was used to improve the grounding of the FPD detector. Earlier grounding could have adverse effect on the calorimeter noise performance
 - ♦ An hour long access on Sunday was used to replace a failed power supply in the Forward Muon system. 25% of the C-layer forward muon system was affected due to this failure that occurred on Saturday.
- Right now no access is requested from DO.



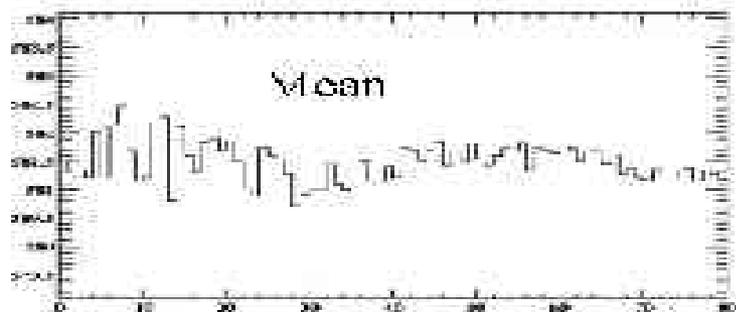
DO Summary

- Stably collecting physics data with full detector in readout
 - ◆ 92% weekly data taking efficiency
 - ◆ Stably above 85% during month of May
- Clearly see improvements in Tevatron luminosity lately
 - ◆ 4 of the 10 best Run II days in terms of recorded luminosity are last week
 - ◆ 5 of the 5 best Run II stores in terms of highest initial luminosity are from last week
- Plan for this week
 - ◆ Physics data taking during stack and store operations
 - ◆ No access requests

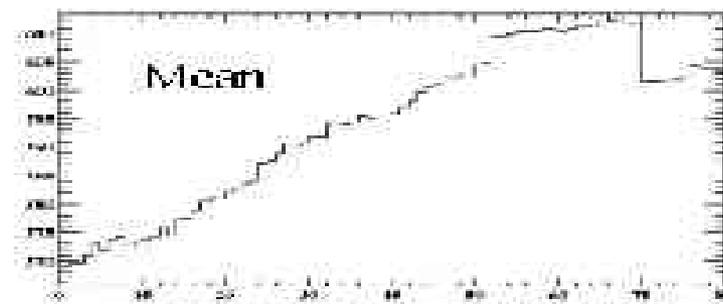
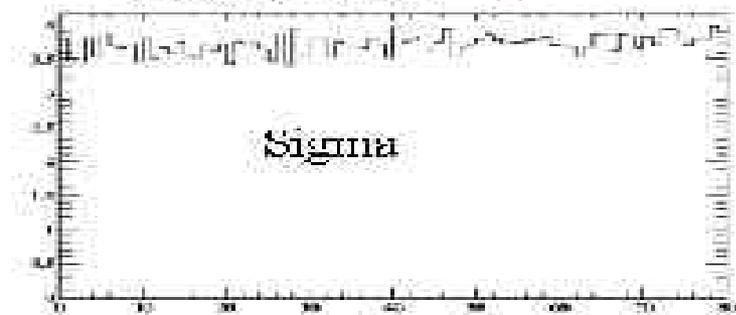


Status of the Calorimeter

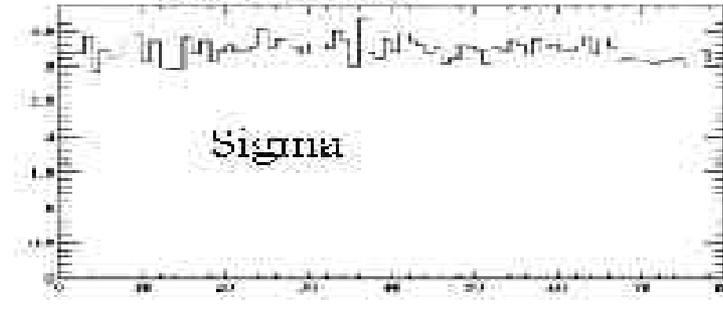
- Calorimeter is performing well and stably.
- L1 calorimeter trigger is fully commissioned and being readout
- Trigger coverage is improved from $|\eta| < 2.4$ before January Shutdown to $|\eta| < 3.2$ since March 2003.



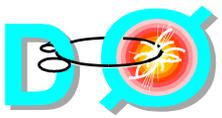
Good Channel >99% channels



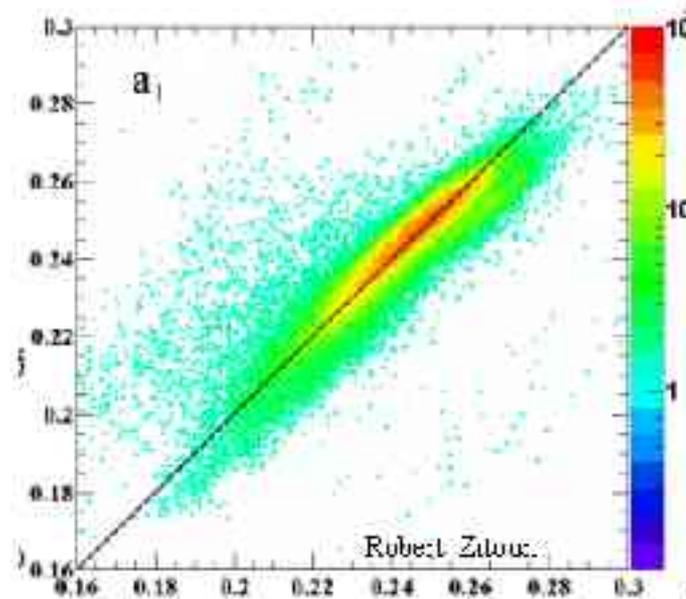
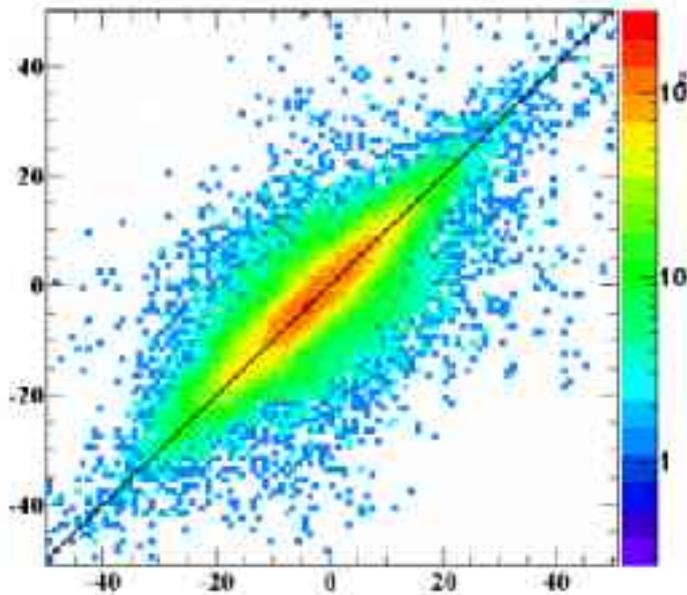
Bad channel



About 30 bad daughter cards (30*12 channels) were replaced a month ago.



Status of the calorimeter



Non Linearity parameters are rather stable over a period of one year

➤ Only few non working channels ~ 40 ($< 0.1\%$) scattered across the detector.