



D0 Status Report

2/6/2006

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Data Taking for 1 / 30 – 2 / 5



Day	Delivered	Recorded	Eff.	Comments
1 / 30 (Mon)	0.39 pb ⁻¹	0.35 pb ⁻¹	90 %	The Cal noise returned at the beginning of the access and went away after the access. A low lumi store began with 0.6E30.
1 / 31 (Tue)	0.040 pb ⁻¹	0.036pb ⁻¹	89 %	2 hours downtime due to a failed disk on d0old.
2 / 1 (Wed)	2.41 pb ⁻¹	1.81 pb ⁻¹	75 %	An enhanced bias run taken at the beginning of store 4618.
2 / 2 (Thu)	1.45 pb ⁻¹	1.34 pb ⁻¹	93 %	Controlled access to repair PDT 211.
2 / 3 (Fri)	2.60 pb ⁻¹	2.42 pb ⁻¹	93 %	IP moved to the nominal spot. Controlled access to replace a RM for Cal, and swap a sequencer for AFE II.
2 / 4 (Sat)	1.65 pb ⁻¹	1.45 pb ⁻¹	88 %	FPD TDC timing scan special runs taken. Central muon special runs taken.
2 / 5 (Sun)	2.14 pb ⁻¹	1.86 pb ⁻¹	87 %	30 min downtime due to muon HV problem at the beginning of store 4627.

1/30-2/5	10.68 pb ⁻¹	9.27 pb ⁻¹	87 %	
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Notable Events



- 1 / 30 (Mon)
 - At the beginning of a controlled access, the Cal noise returned and went away after the access was over.
 - Switched a multiple (4) data logger configuration.
- 1 / 31 (Tue)
 - FPD low luminosity runs taken.
 - The multiple data loggers allowed us to write data to tape with a rate of 250 Hz.
 - 2 hour downtime due to a failed data buffer disk.
- 2 / 1 (Wed)
 - Took an enhanced bias run for Run IIb trigger studies at the beginning of store 4618.

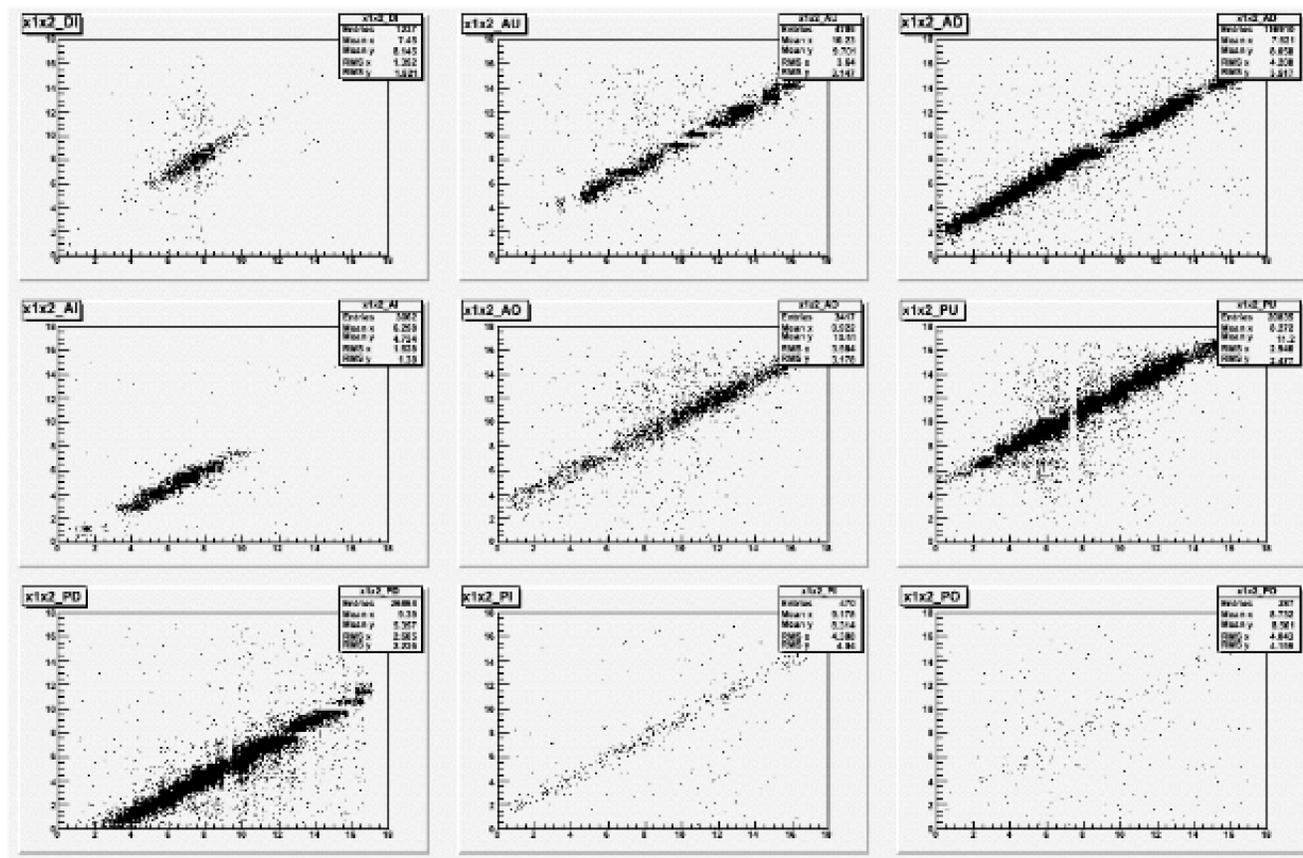


Low Luminosity Store



FPD Hit Correlation Plots

RUN 214824





Notable Events



- 2/2 (Thu)
 - Controlled access to repair Muon PDT 211.
 - The Calorimeter noise did not appear during this access.
- 2/3 (Fri)
 - IP moved back to our nominal position at the end of store 4621.
 - Controlled access
 - To replace a faulty RM for the Calorimeter crates
 - To download a new version of firmware to DFE for FPS
 - To swap a sequencer for AFE II
- 2/4 (Sat)
 - FPD special runs for TDC timing scan taken
 - Central muon special runs taken.
- 2/5 (Sun)
 - 30 min downtime due to Muon HV problem at the beginning of store 4627.