



D0 Status Report

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All Experimenters' Meeting
29 August 2005



Daily Data Taking

Day	Delivered Lum (pb^{-1})	Recorded Lum (pb^{-1})	Efficiency (%)	Comment
22 Aug	3.12	2.85	91	
23 Aug	3.26	2.85	88	1.5 hour RunIb L1CAL special run.
24 Aug	1.80	1.60	89	Muon HV trips due to halo. 1 hour Access. 2 nd best init lum, 117.4E30
25 Aug	4.22	3.99	95	Best rec lumi. 9 th best day for efficiency
26 Aug	2.77	2.18	79	Lost BLS power supply. Took several special runs.
27 Aug	2.12	1.9	90	Access to repair BLS
28 Aug	0.34	0.31	93	Access for glitch recovery
22-28 Aug	17.6	15.7	89	4 th best week for recorded luminosity



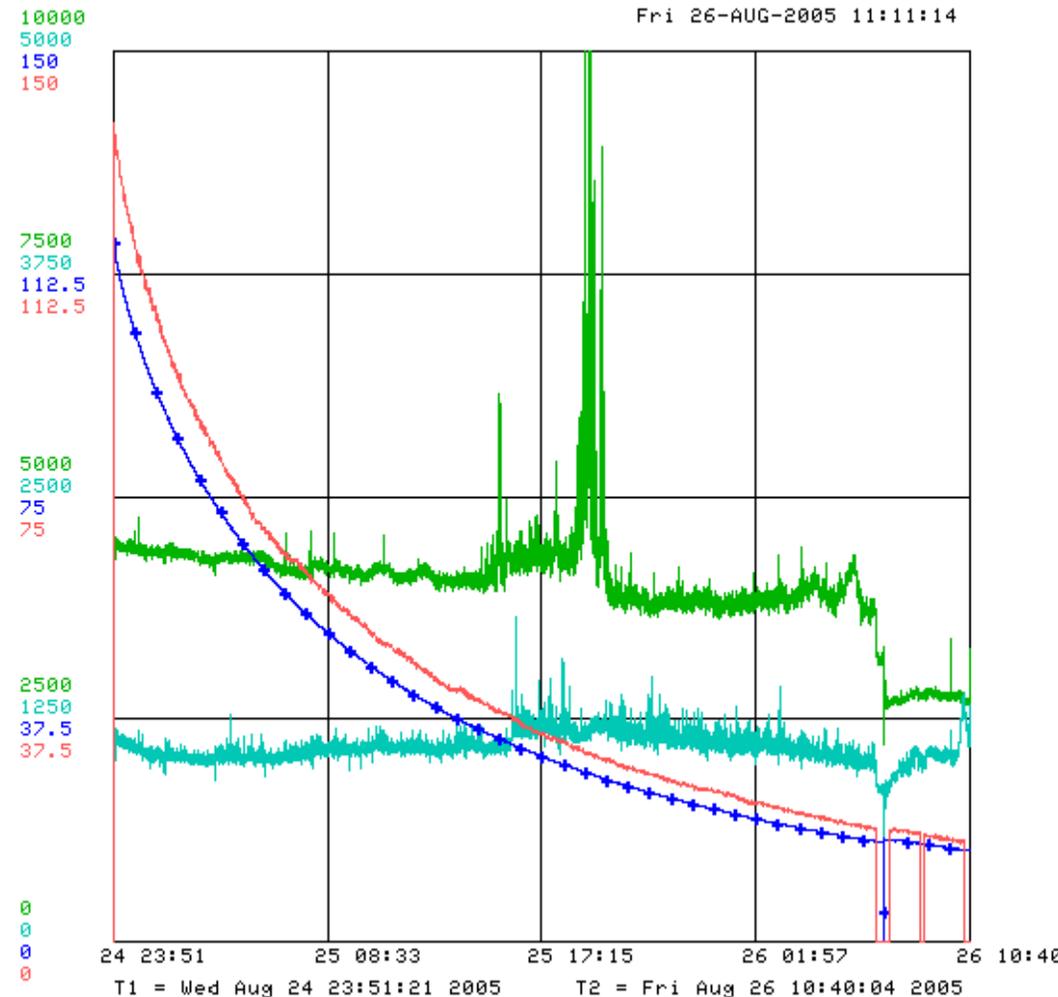
Accesses

- 24 August
 - Muon performed Run Iib control board tests.
 - FPD replaced a digital front end board.
 - Calorimeter replaced a pulser power supply.
- 27 August
 - Calorimeter replaced a bad BLS power supply.
 - Muon performed more Run Iib control board tests.
- 28 August
 - Glitch recovery



Halo Spikes

- There have been several instances of Halo spikes in the last week.
 - attributed to quad rolls
 - related to temperature?
 - Plan to reposition the beam during the store.
 - Hope that the cause will also be addressed.





28 cm Beta*

- Friday morning, there was a Tev study where they switched from a Beta* lattice of 35 to 28 cm.
 - Data taken during this time is being analyzed offline to measure the Beta* seen at D0.
 - We expect to have the results in the next few days.
 - We look forward to the next set of studies

