



D0 Status Report

Bill Lee

FNAL

All Experimenters' Meeting

25 June 2007



Data Taking

Day	Delivered Lum (pb^{-1})	Recorded Lum (pb^{-1})	Efficiency (%)	Comment
18 Jun	2.46	2.26	92	
19 Jun	4.84	4.45	92	15 minutes of downtime to reset Muon HV trips after separator spark and tuning.
20 Jun	6.18	5.72	92	
21 Jun	5.84	5.26	90	CAL Preamp primary power supply fails, switch to secondary.
22 Jun	3.53	3.33	94	CAL Preamp secondary power supply fails, try using both. Access to repair Muon PDT.
23 Jun	4.02	3.73	93	Excess noise in 1/12 of calorimeter.
24 Jun	5.91	5.29	90	30 minutes down due to crash of L2 crate. Special muon run.
11-17 Jun	32.8	30.0	92	



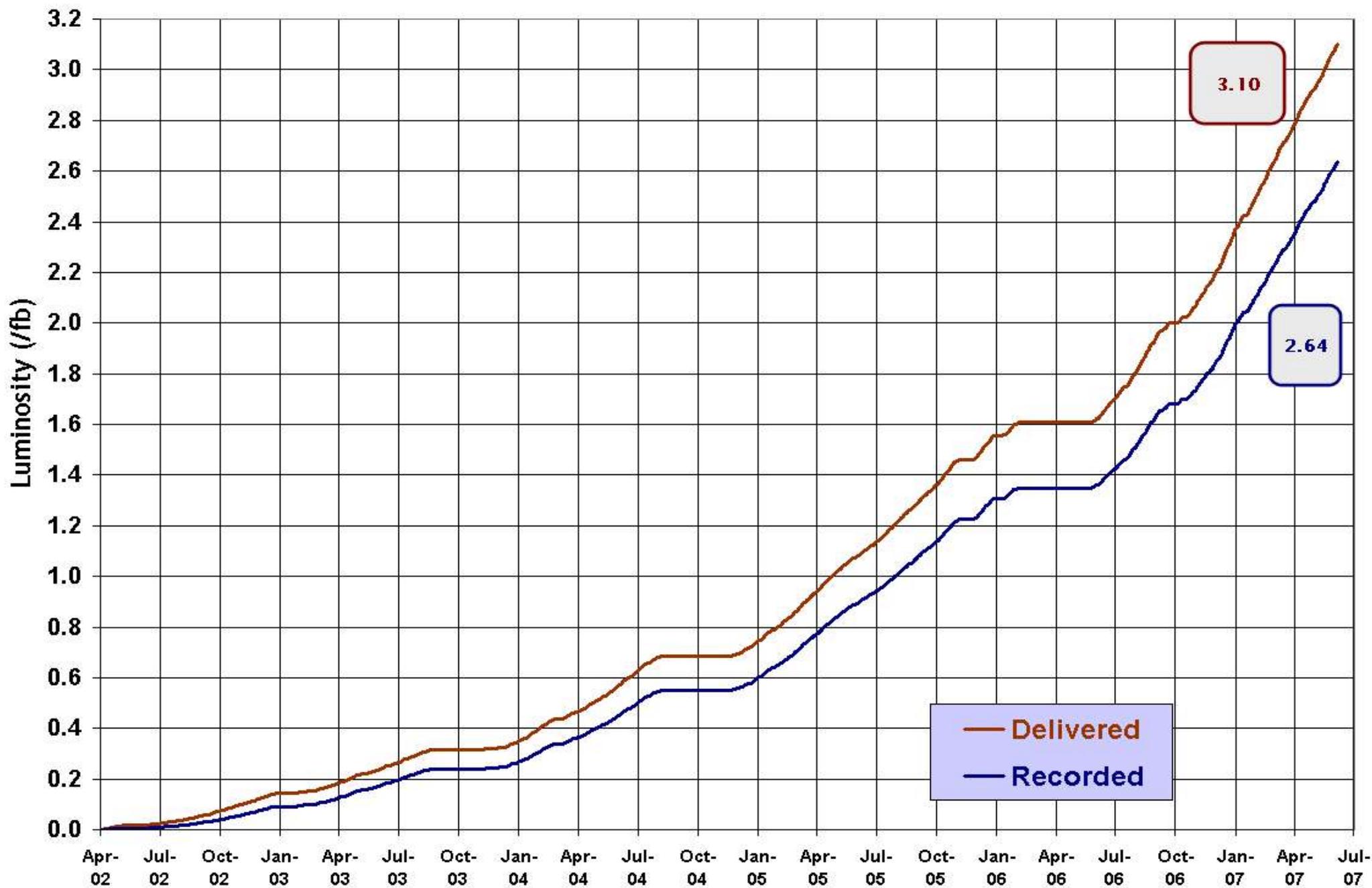
Cal Preamp Power Supply

- Thursday evening, we lost the 6V portion of a primary Cal Preamp Power Supply.
- Friday Owl shift, the 8V portion of the secondary Power Supply also failed.
 - We attempted running both power supplies at the same time, but this introduced noise into this section of the Calorimeter.
- We are currently in a ten hour access to repair the supply.
 - We are also using the time to attempt to repair the toroid water leak, investigate low beta quad rolls, repair A layer Muon PDTs, and continue our silicon HDI recovery investigation.



Run II Integrated Luminosity

19 April 2002 - 24 June 2007



25 June 2007

AEM

Bill Lee



Daily Data Taking Efficiency

19 April 2002 - 24 June 2007

