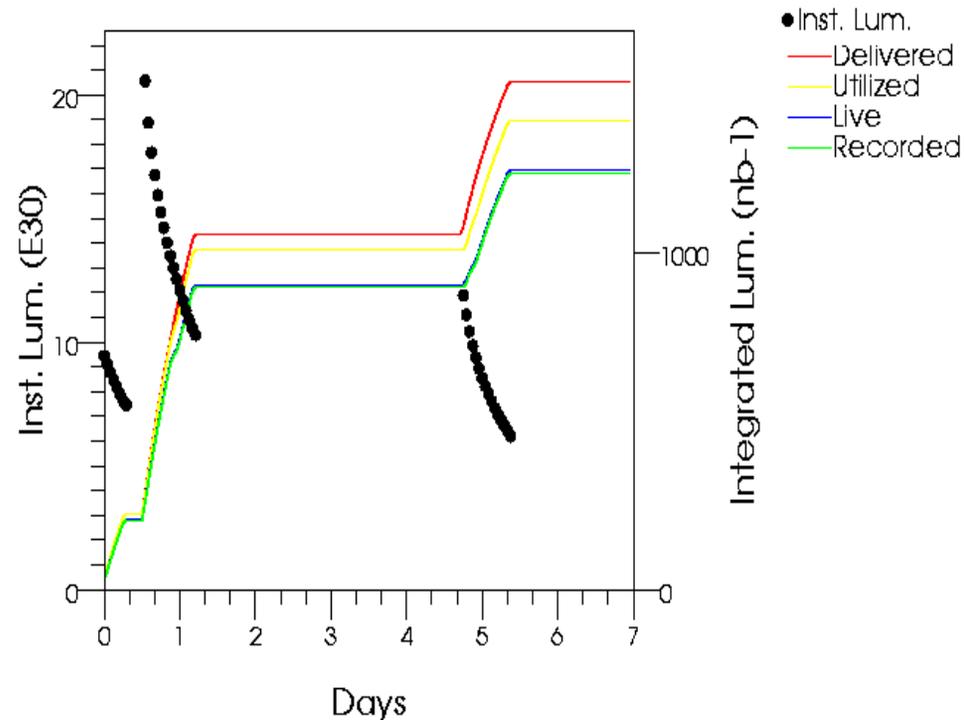
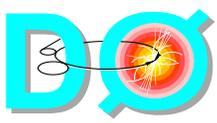


# DO Weekly Summary: February 24<sup>th</sup> to March 2<sup>nd</sup>

- Delivered Luminosity and operating efficiency
  - ◆ Delivered  $1.5\text{pb}^{-1}$
  - ◆ Recorded  $1.2\text{pb}^{-1}$  (82%)
- No major problems with detector operations during last week
  - ◆ Started new trigger list version 10.3 on Friday
    - ▲ Better Level 2 muon triggering and Level 3 muon triggering
    - ▲ Optimization of single muon terms
- Saturday store kicker pre-fire
  - ◆ HV was not yet in standby
  - ◆ Massive HV trips in all detectors (including Calorimeter)
  - ◆ Peak rate of  $\sim 40\text{rads/s}$  in the silicon area
    - ▲ Total integrated dose  $\sim 200\text{rads}$
    - ▲ No damage observed
- Total number of events colle
  - ◆ 4.7mln
  - ◆ All events have been reconstructed on the farms



Day of the week



# Summary

- Progressed smoothly with physics data taking with full detector in the readout
- Using available access time this week to work on commissioning and minor infrastructure issues
  - ◆ Do not plan any major activities
    - ▲ No plans to open the detector
- Plan to be ready for beam later this week
- Inviting everybody to the D0 Wine and Cheese seminars on Winter Conferences results
  - ◆ March 7<sup>th</sup>
    - ▲ Serban Protopopescu, BNL  
Recent results on new phenomena searches at D0
  - ◆ March 14<sup>th</sup>
    - ▲ Brad Abbott, Oklahoma  
Recent D0 results in B, QCD, Electroweak and Top/Higgs Physics