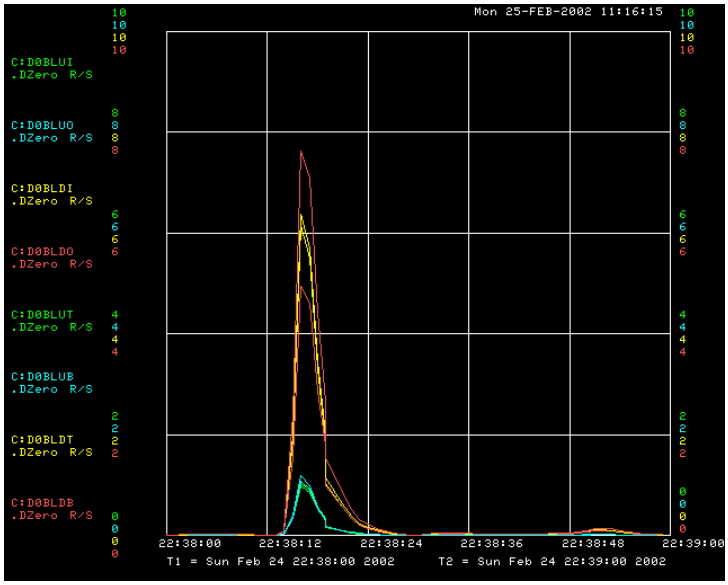
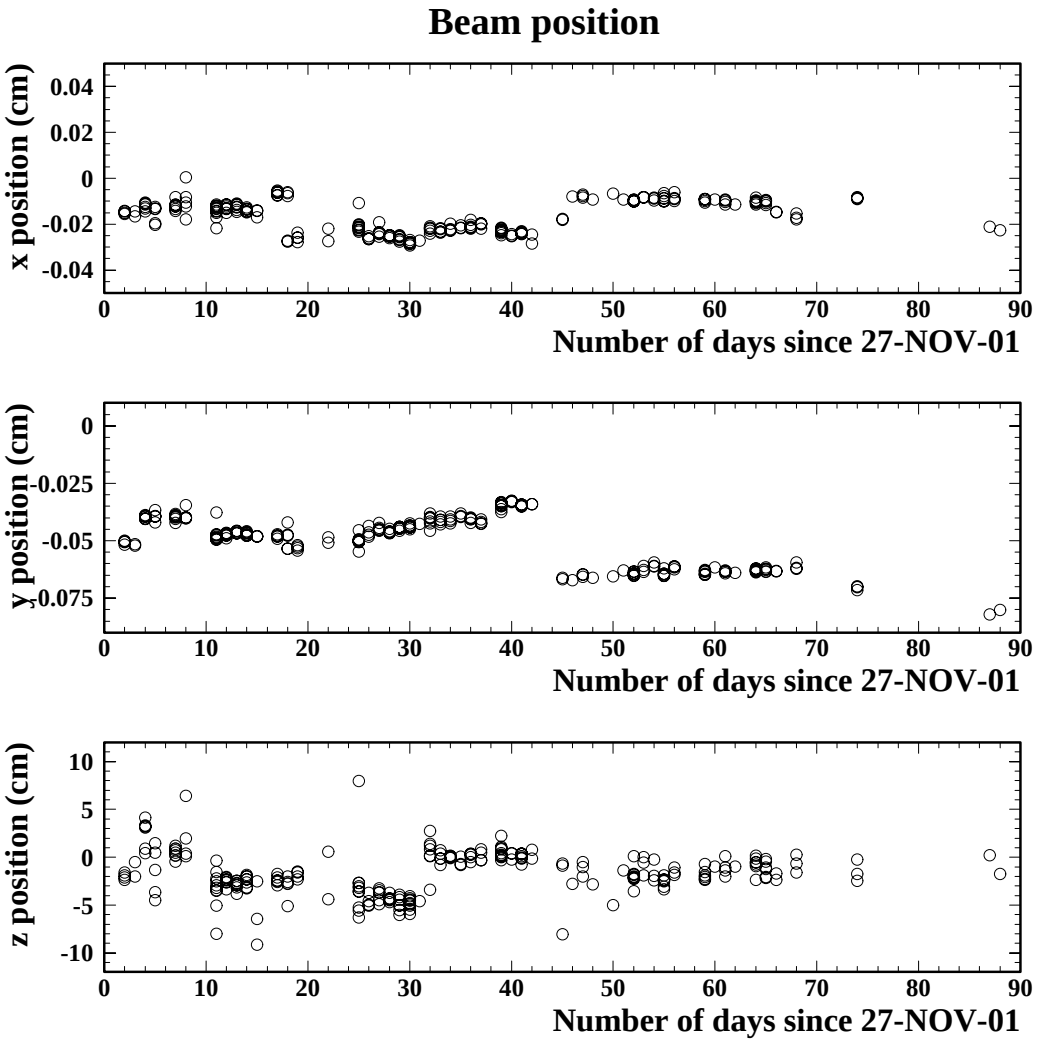
D0 Status: 02/25-03/04

- Week integrated luminosity
  - 1.64pb^{-1} delivered
  - to tape 1.25pb^{-1}
- Data collection
  - global data collections most of the time
    - full detector in readout
    - physics trigger menu
  - major sources of downtime
    - problems with DAQ and L3 systems
    - readout crates problems
- D0 farms operation
  - keeping pace with data collecting by the detector
- Tevatron backgrounds
  - last 5 stores had low/stable p and pbar halo
    - below 2kHz for pbar
    - below 30kHz for p
  - getting silicon rad. protection alarms on average every other store
    - alarm level is 1/2 of abort level
    - typical accumulated dose during shot setup is 20-40rads



Beam Position

- Beam position stability in X-Y plane
  - typical stability 0.1-0.2mm over one month
  - jump of 0.4mm has been observed
- In longitudinal direction
  - typical stability is ~2cm over one month
  - jump of ~5cm has been observed
- Beam position is stable enough for most applications



D0 Status

- Luminosity detector
  - stable operation
- Silicon detector
  - no low voltage supplies trips since access 10 days ago
    - full silicon detector is in readout
  - stable operation
- Fiber tracker
  - installation and modifications of AFE boards continue
  - timing problems experienced last week after "improvements" to firmware
  - commissioning in progress
- Calorimeter
  - stable operation
- Muon system
  - Markus Wobisch's presentation
- Forward Proton Detector
  - routine pots insertion during stores
- Plans for this week
  - global runs during store later today
  - cosmic/halo running during TeV studies
  - supervised access during recycler access
  - global running during weekend
    - trigger version 4.20
    - full detector in readout