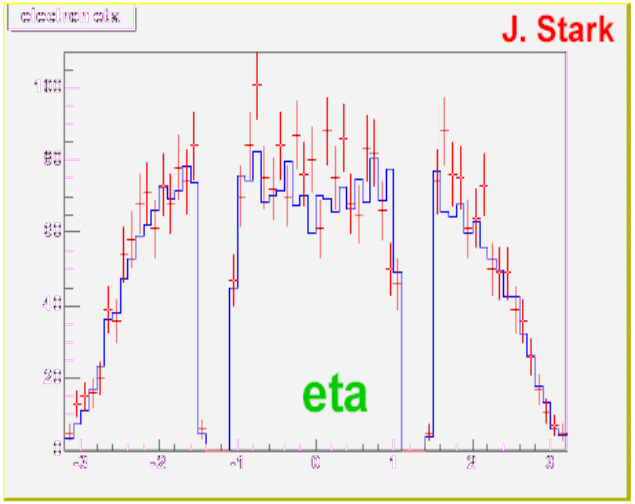
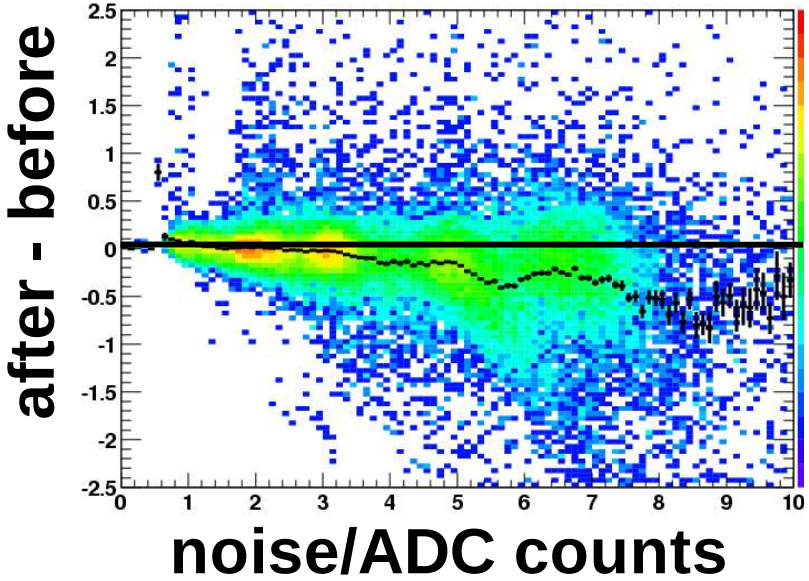
D0 Status Summary

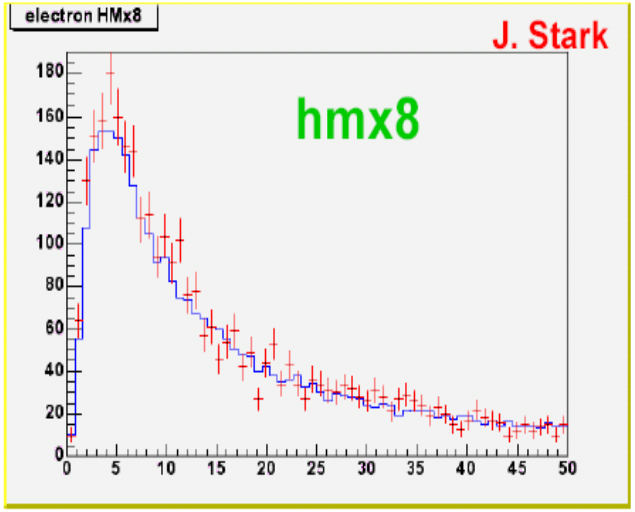
- Have been in supervised access all week, until Sunday evening
- Intermittent trips (low airflow) of west platform rack
  - One of the magnetic sensors that measure the rate of rotation of the fan wasn't working properly – replaced
- Erected scaffolding on Monday for muon chamber (PDT) electronics replacement under the ceiling – repairs completed
- Power supply repairs for FPD in tunnel – done
- Minor safety improvements (additional step, more exit signs, ...)
- Cosmic ray running Friday evening
  - Make sure all systems are fine
- Experiment is in good shape
  - Comprehensive reviews of post-shutdown data quality ongoing

D0 Status: Calorimeter

- E.g. Calorimeter
  - Good qualitative and quantitative agreement pre- vs. post-shutdown
  - See improvements from effort on noise and grounding, for example (online) RMS of MET improved from 5.3 GeV to 4.4 GeV





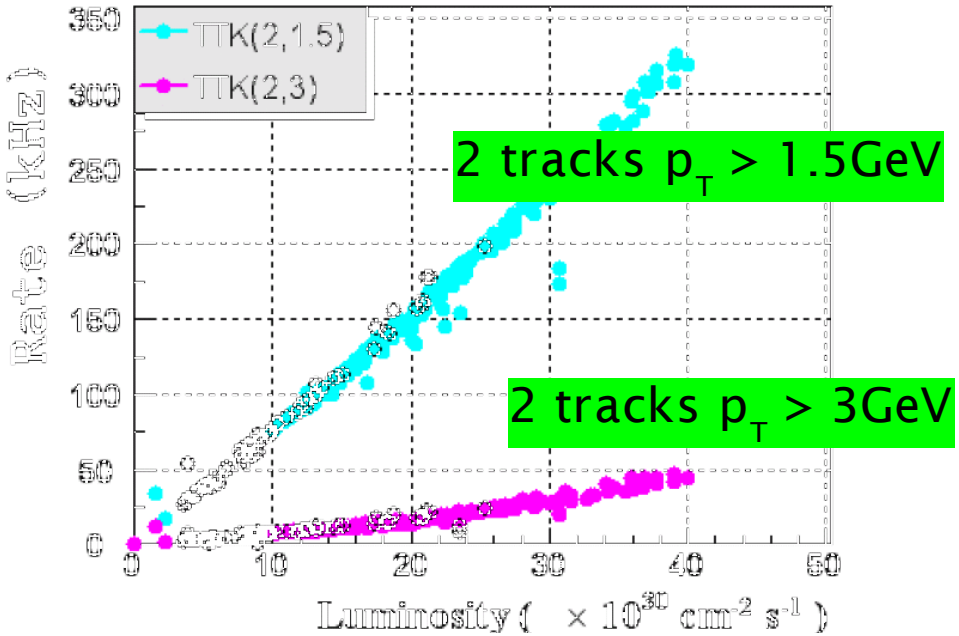


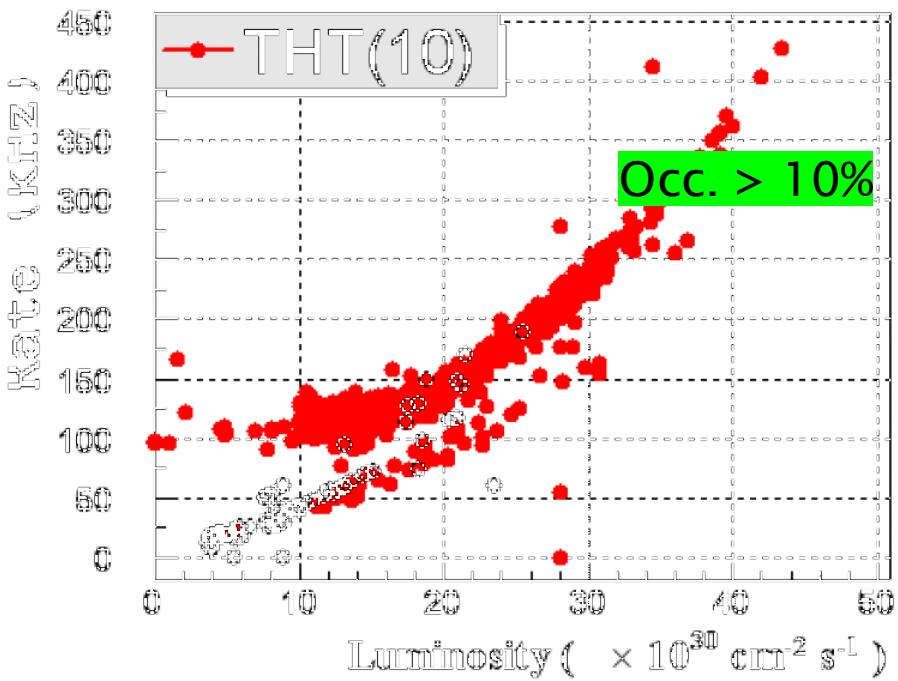
CTT Status

TTK terms comparable to pre-shutdown

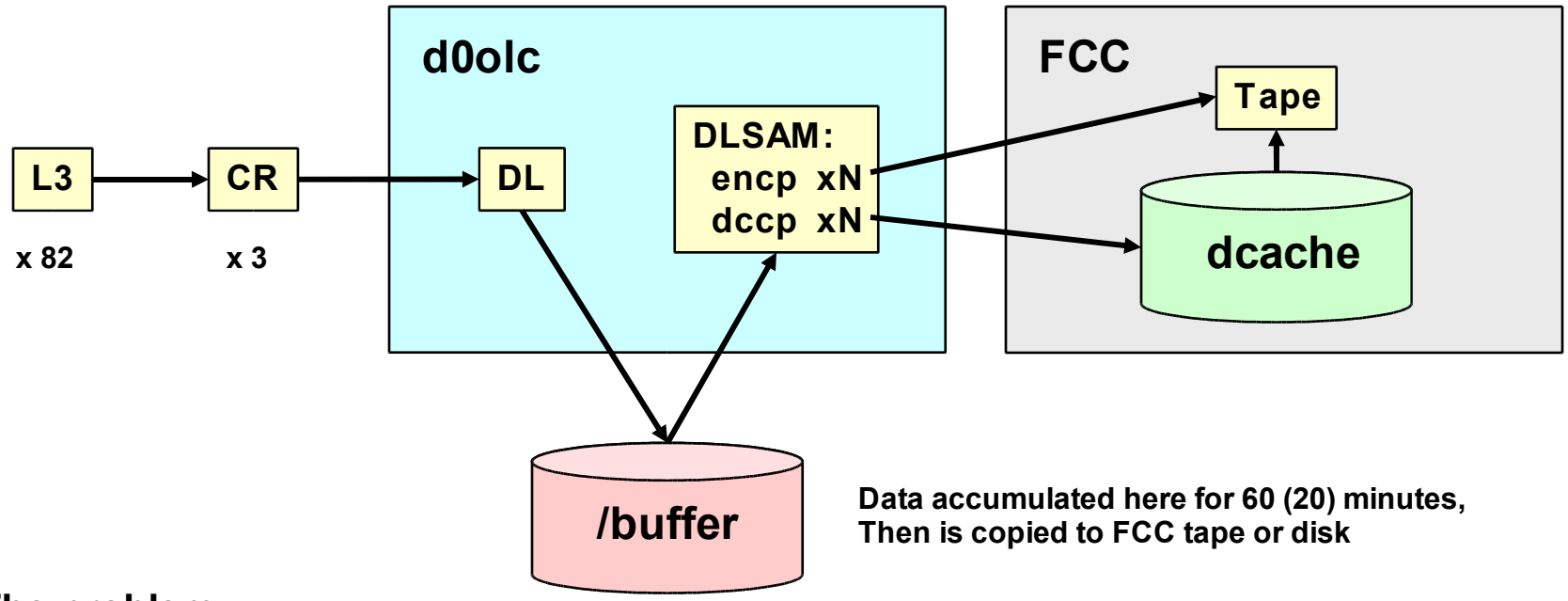
Little change in TTK rates due to CFT "dead channels"

Slight increase in THT rates seen from setting discriminator outputs of VLPC unbiased channels to 1
(Also descrease in rates due to modified threshold definitions)





"Blue Node" Problem



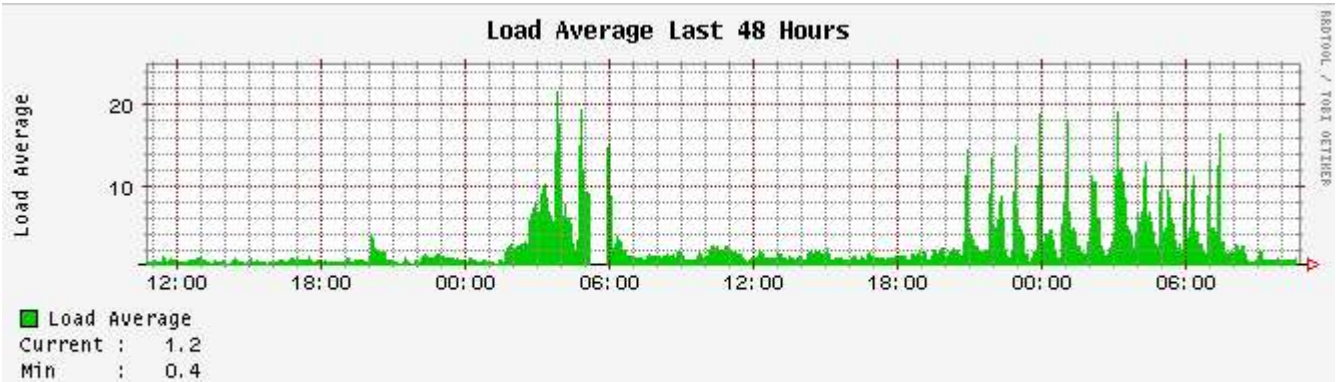
Data accumulated here for 60 (20) minutes,
Then is copied to FCC tape or disk

The problem:

- d0olc handles incoming (over net) event data, spools it to disk, then periodically reads from disk and sends (over net) to FCC
- Multiple dccp copy jobs started, overloading d0olc, fed back into L3

Before:

- 2 simultaneous encp copies
- unlimited simultaneous dccp copies

Now:

- 2 simultaneous encp copies
- 1 dccp copy