

Status of CERN-SPS run

Installation in two days (Sep. 4 & 5)

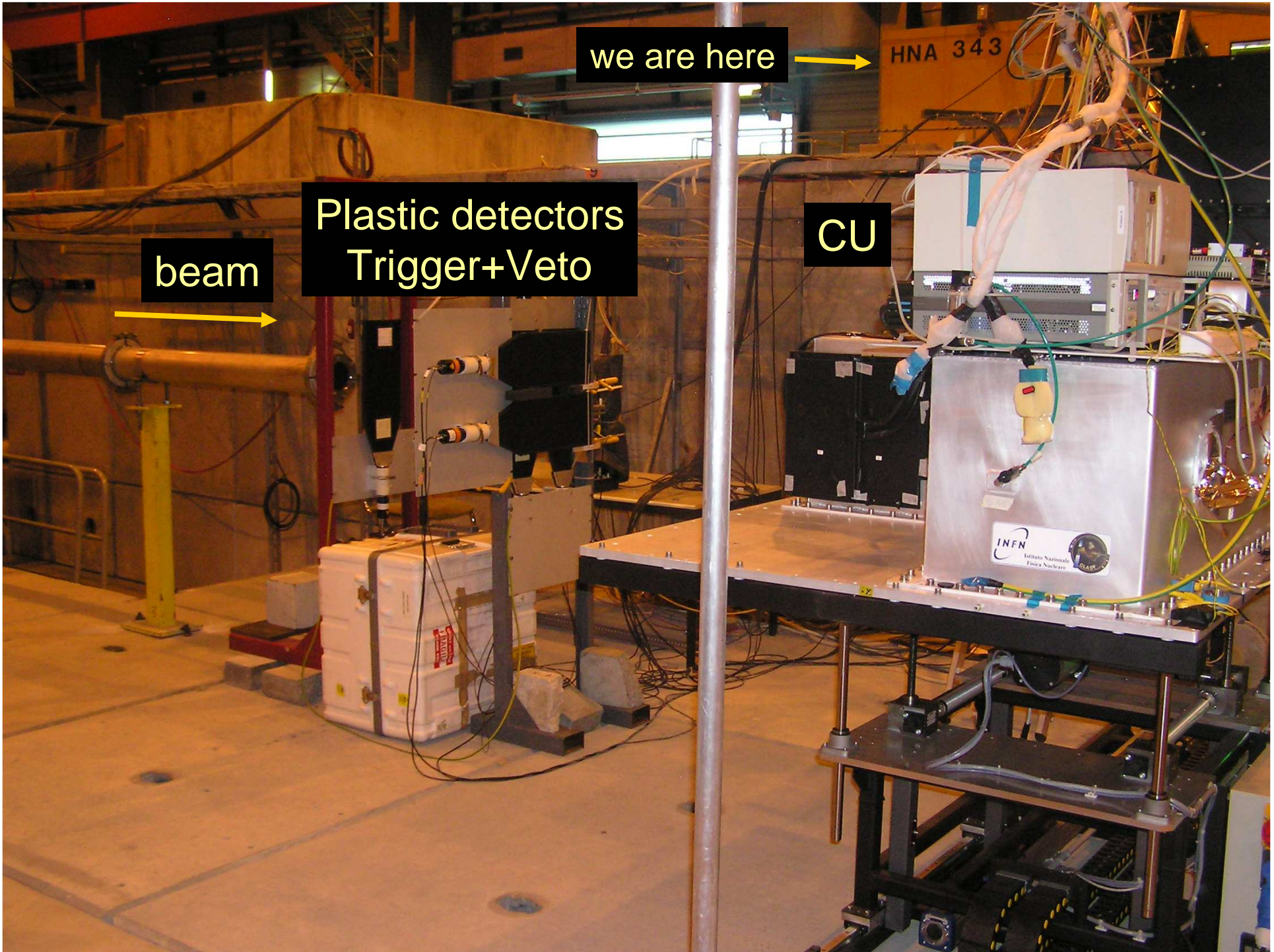
Start on **Wednesday Sep.6**, slow start due to machine problems

Fairly **smooth operation** since

Current status (shift 17/27)

- CAL calibration with 100 GeV electrons (systematic scan of all logs)
 - ACD calibration with 150 GeV pions+protons
 - Scan with 20, 50, 100, 200, 280 GeV electrons:
about 40 geometrical configurations per energy
 - Study of response as a function of rate (internal/external trigger)
 - Study of CAL pedestal drift as a function of rate, time with respect to previous event, energy in previous event (use of trigger multi-engines)
 - Study of FHE efficiency (to be redone)
 - Scan with protons/pions (10, 20, 100 GeV)
 - Scan with 10 GeV electrons
 - Other configurations (FIFO full issue)...
- + runs with random triggers (pedestals + uncorrelated components)

Run will end on **next Saturday, 8:00 AM**



we are here →

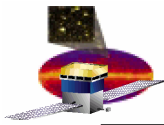
HNA 343

Plastic detectors
Trigger+Veto

CU

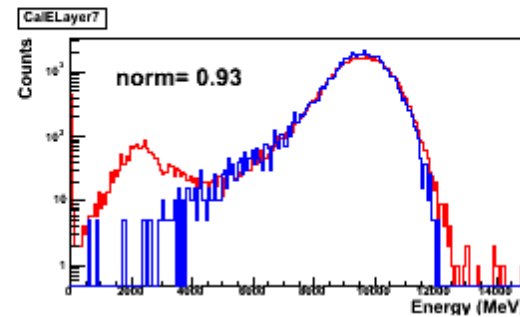
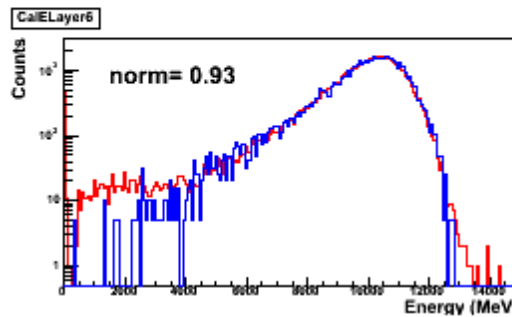
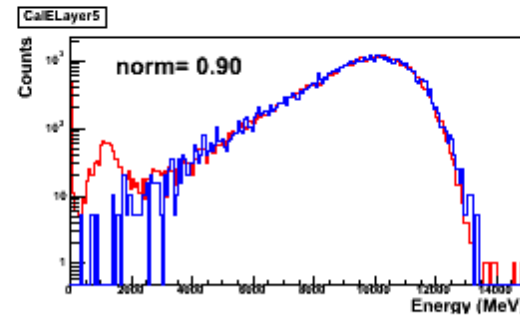
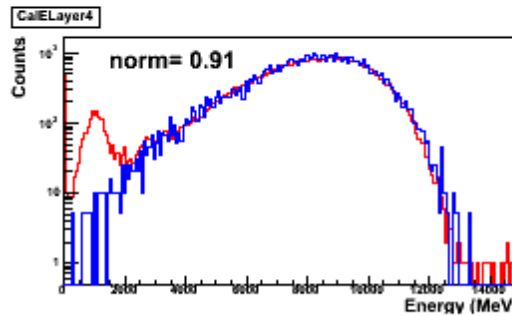
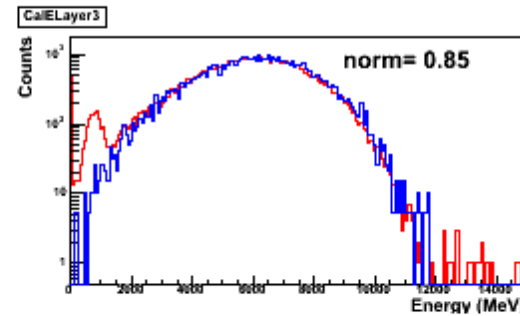
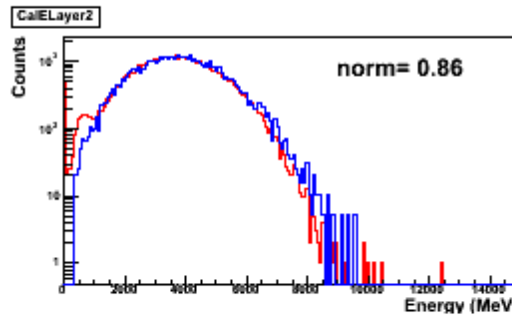
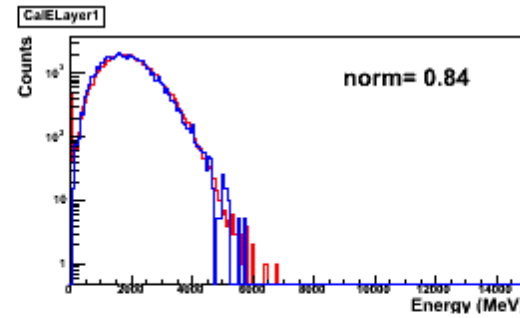
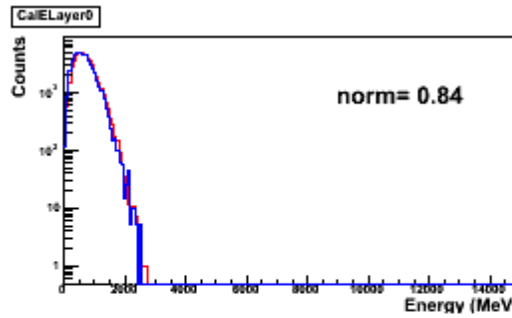
beam →

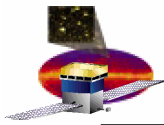
INFN
Istituto Nazionale
Fisica Nucleare



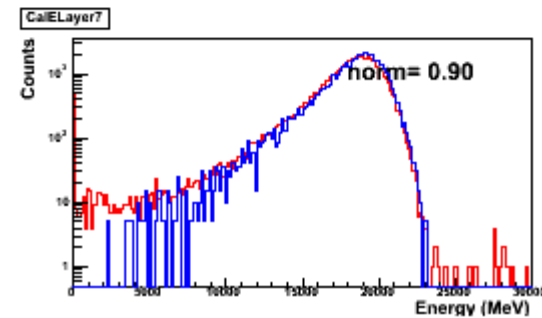
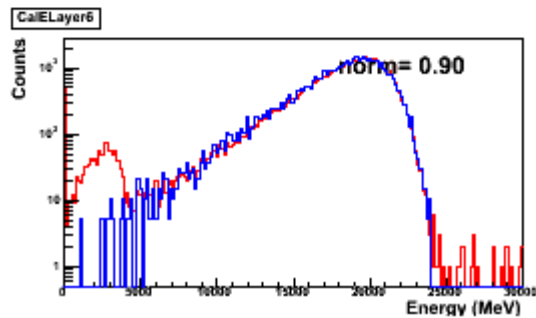
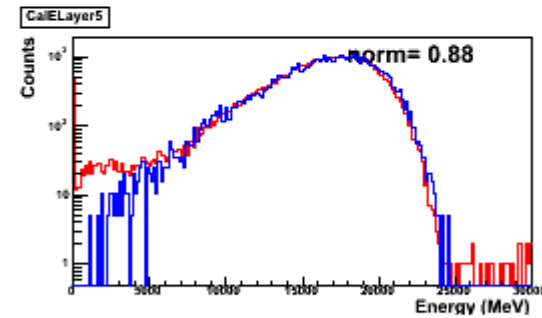
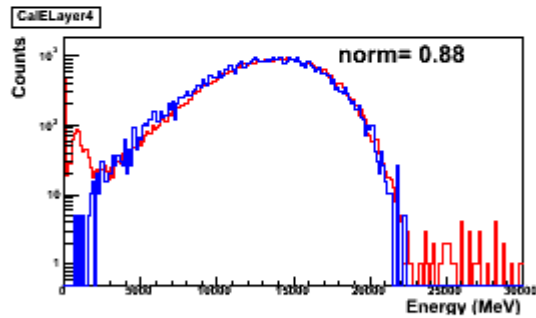
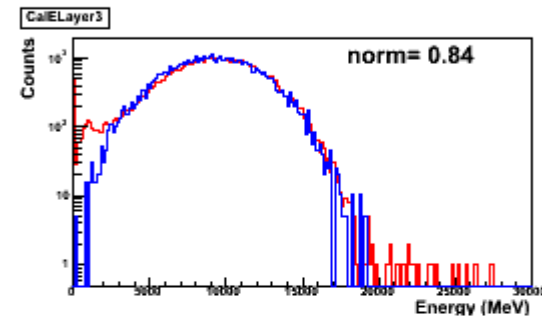
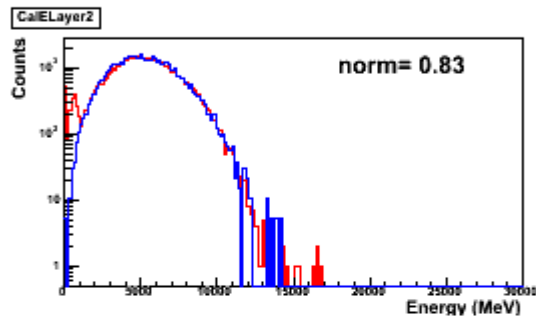
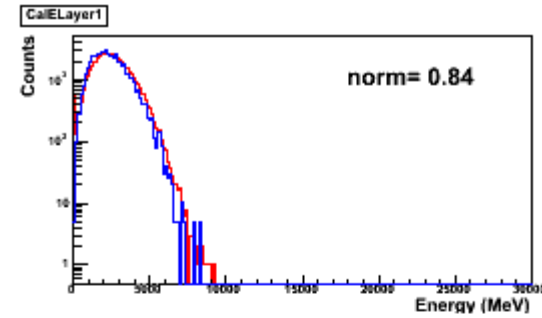
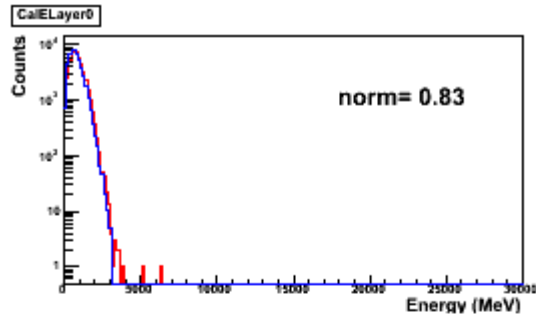
100 GeV
Data: Run 1981
MC: Run 162

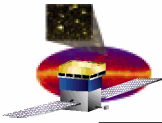
Sasha's
suggestion:
Cross-talk
between
LE and HE
preamps?



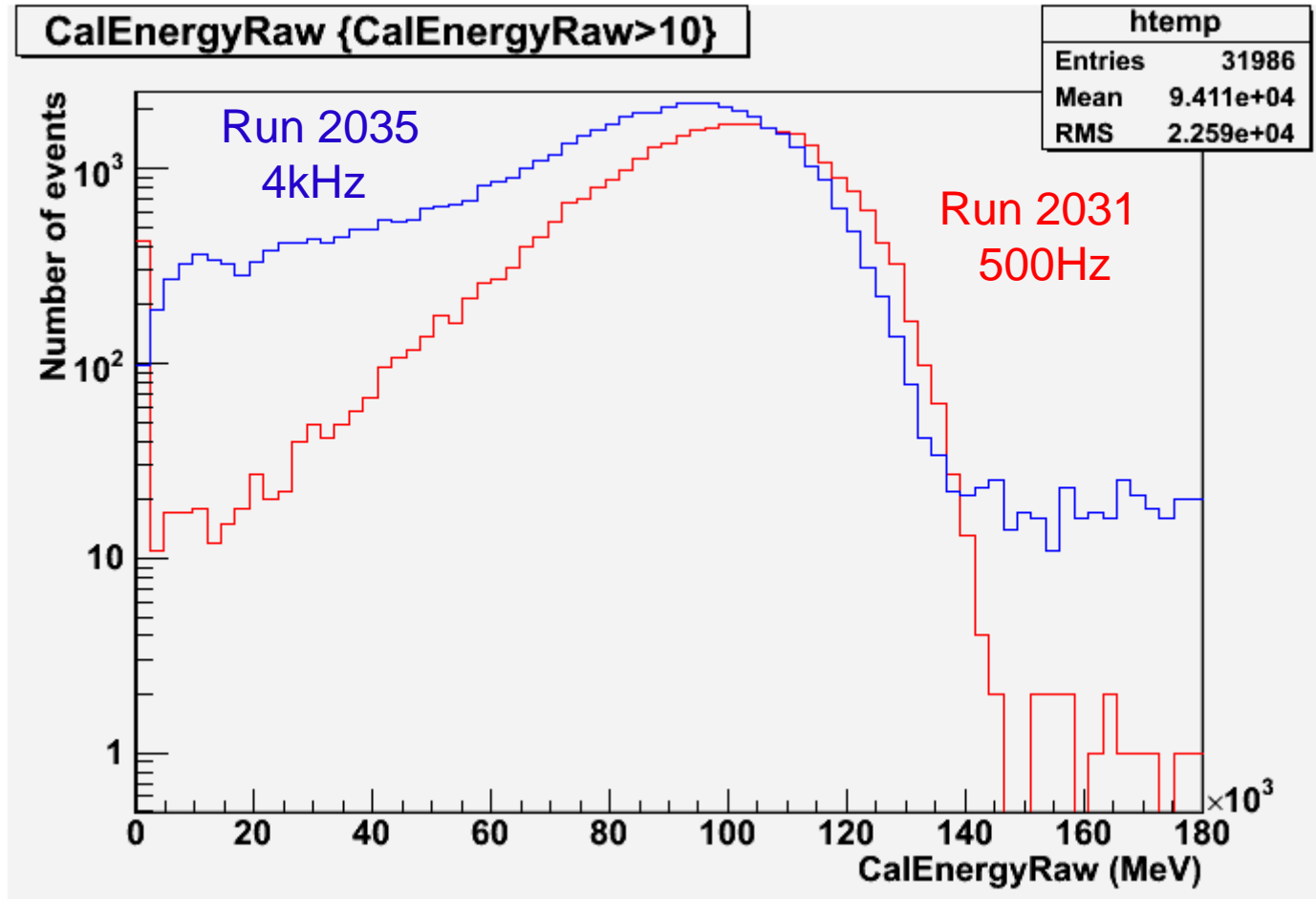


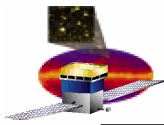
200 GeV
Data: Run 1911
MC: Run 164





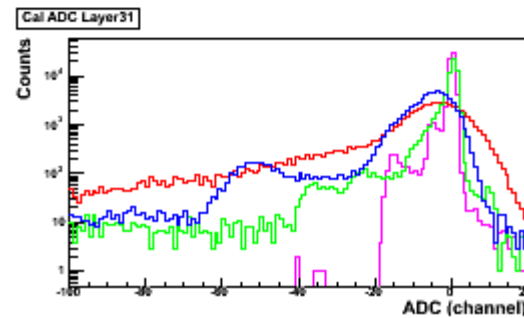
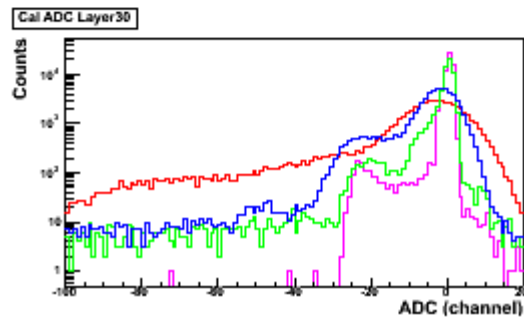
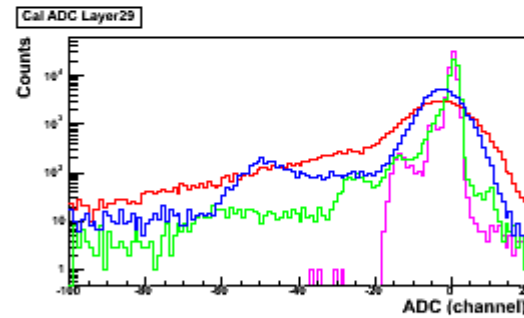
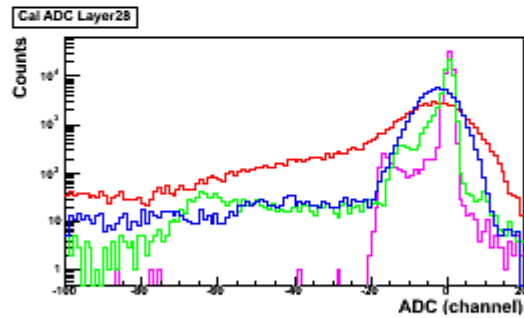
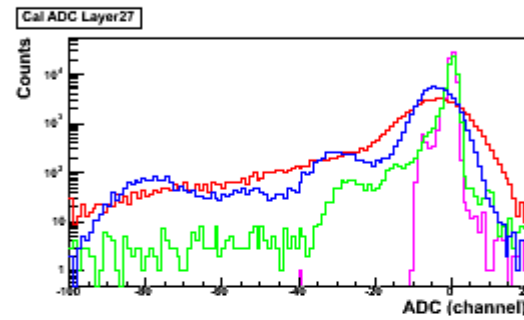
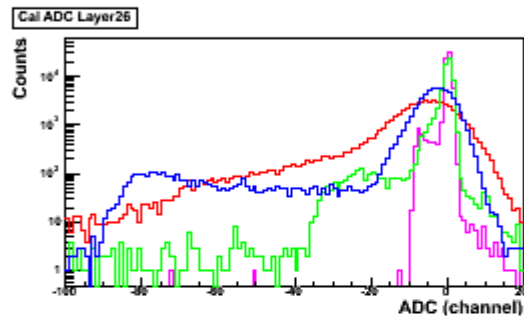
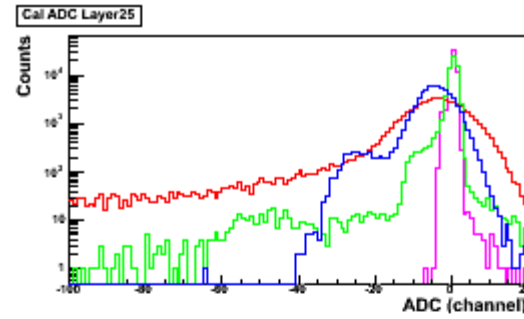
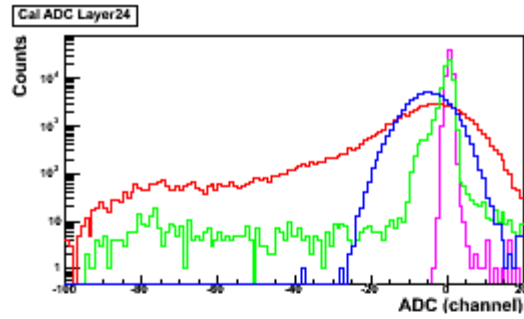
CAL pedestal drift

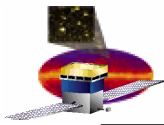




Run 2035
S0:4kHz

Red:LEX8
Green: LEX1
Blue:HEX8
Purple: HEX1





Range 0
averaged over
all logs of each
layer

