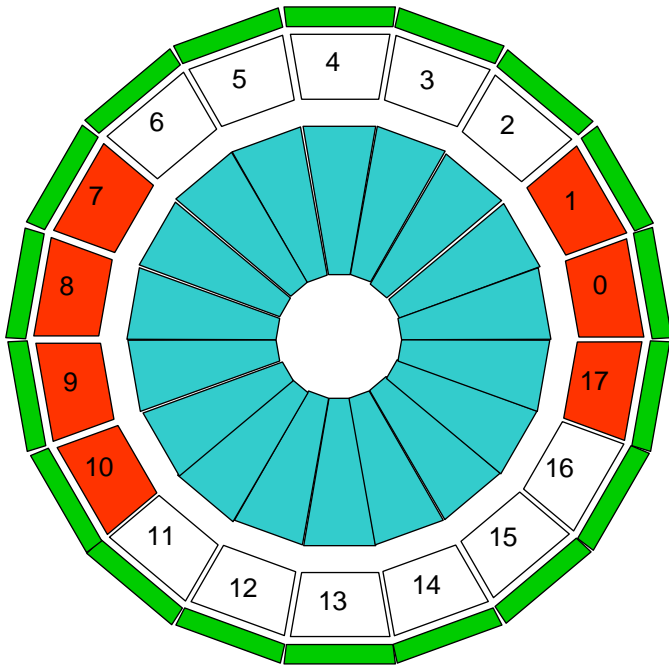
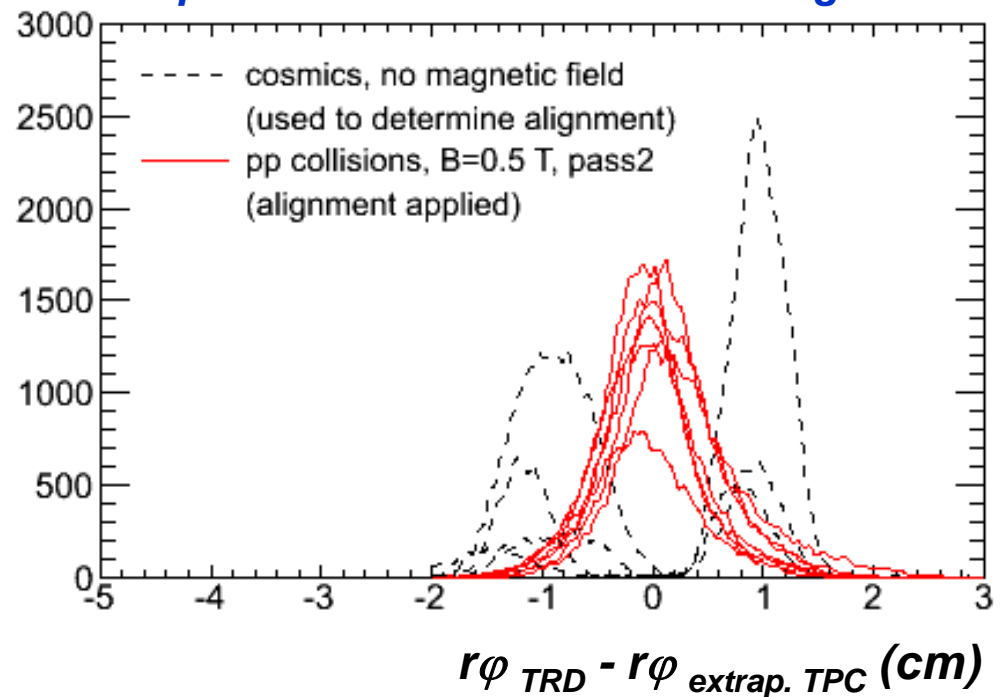


TRD alignment

- 7 TRD supermodules currently installed
- initial misalignment 1-2 cm (mostly downwards)
- cosmics runs Aug-Nov 2009 used to determine the relative alignment with respect to TPC
- alignment applied in the reconstruction of pp data

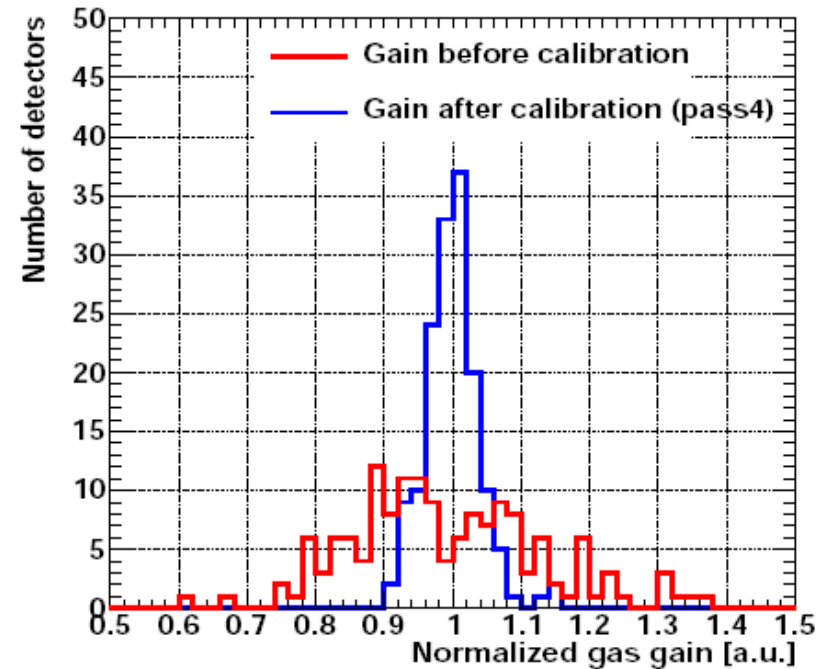
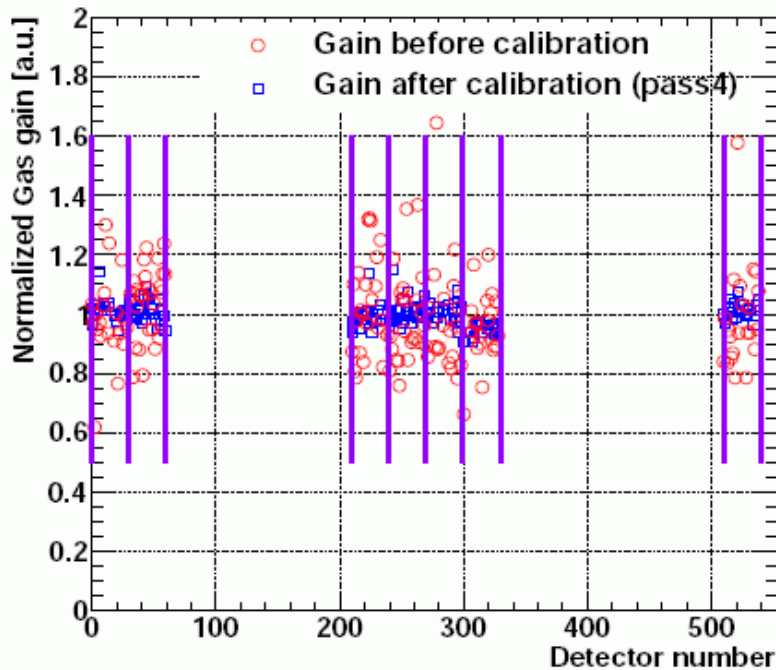


7 supermodules before and after alignment

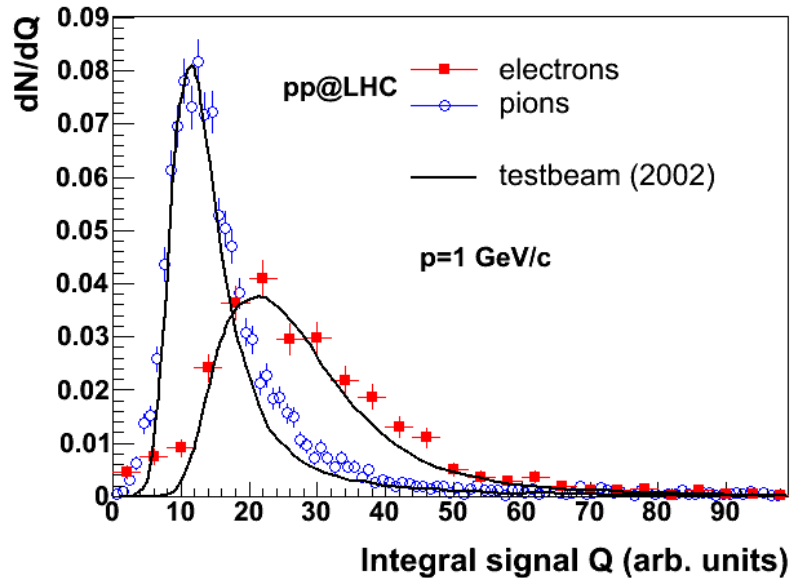


TRD calibration

- 240 TRD chambers calibrated for gain, drift velocity, time offset
- gain calibration most difficult (requires reconstruction)
- HV adjusted to equalize the parameters in future



TRD response to pions and electrons



- ☼ $p = 0.8-1.4 \text{ GeV}/c$ pions
- ☼ $p = 0.9-1.4 \text{ GeV}/c$ electrons from pass4 of pp at 900 GeV

compared to the reference data measured at the PS in 2002

