# CalEnergyRaw and CalTransRms

- Using recent reprocessed data (new calibration + neighbour crystal xtalk)
- The calculation of CalTransRms should be better after the neighbour crystal xtalk correction

Data/MC for layer energies (0 deg)

- 5, 20, 50, 100, 196 and 282 GeV at 0 deg
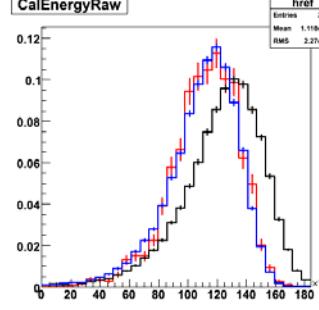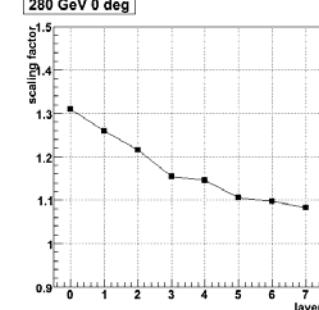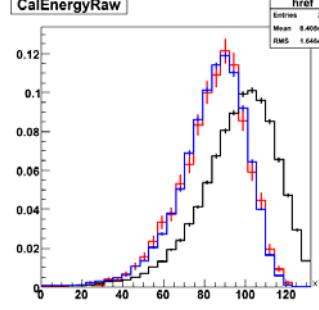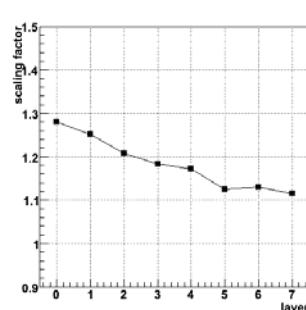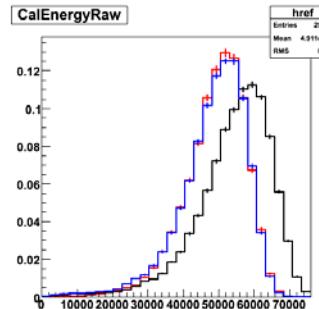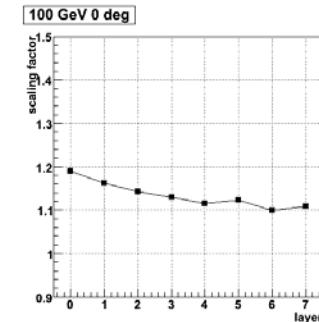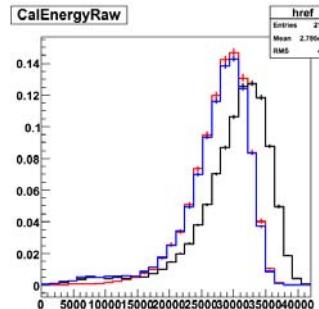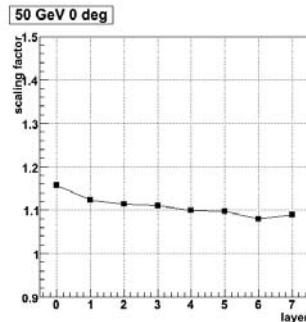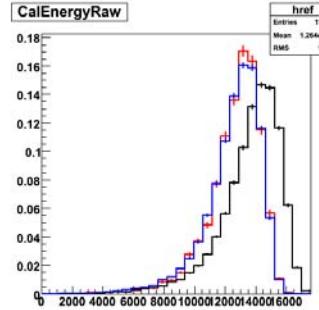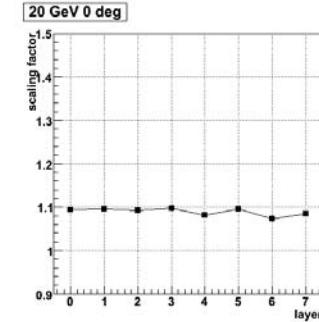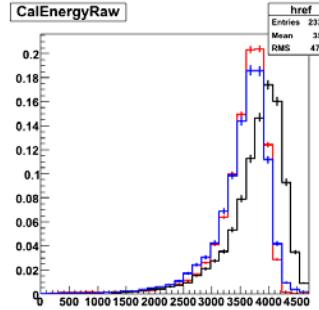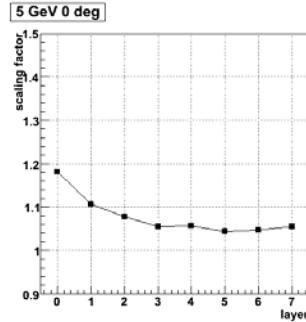
Data/MC for layer energies (30 deg)

- 10, 20, 50, 100, 196 and 282 GeV at 30 deg
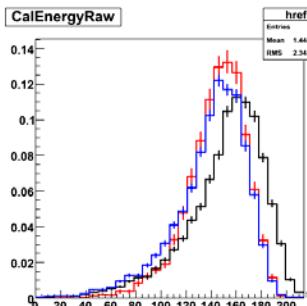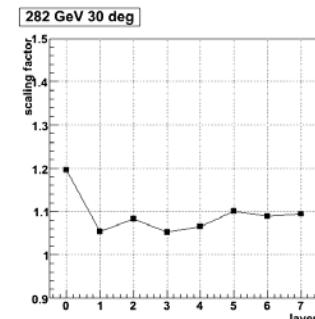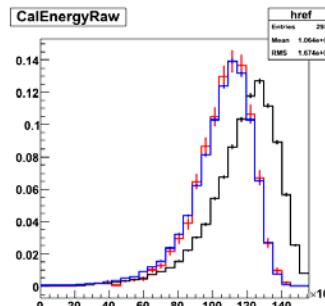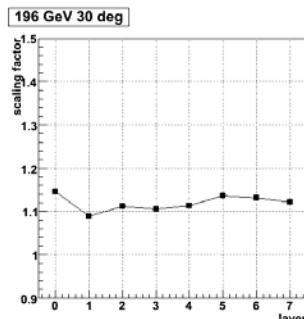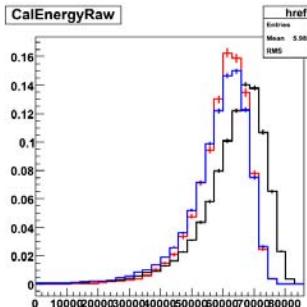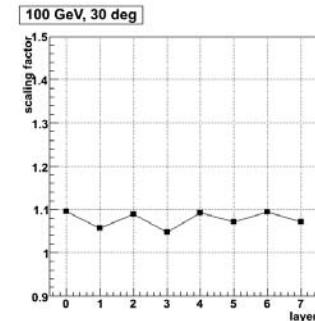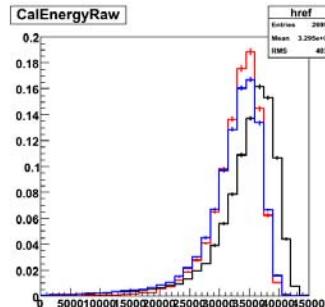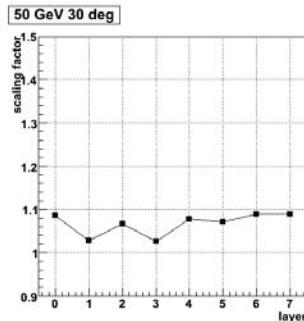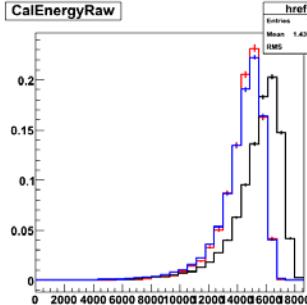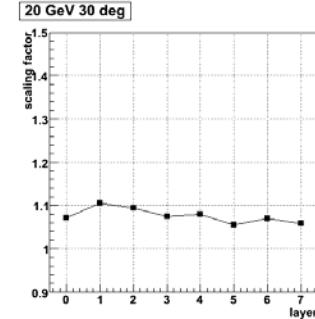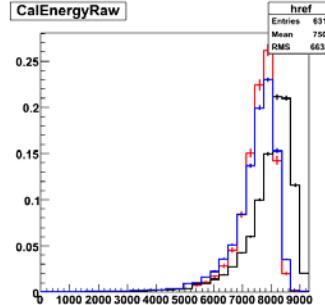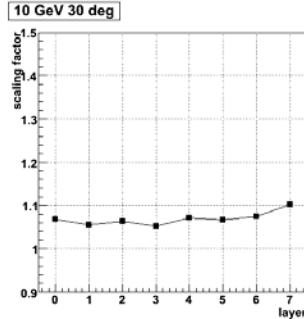
Layer energy summary

- No big difference with previous results (i.e before reprocessing) : before data/MC for layer 7 tended to be ~1.05, but now it is ~ 1.10

- We should redo the MC for 10 GeV and 0 deg (the angle was wrong)

CalTransRms (5 GeV, 0 deg)

Beamtest meeting
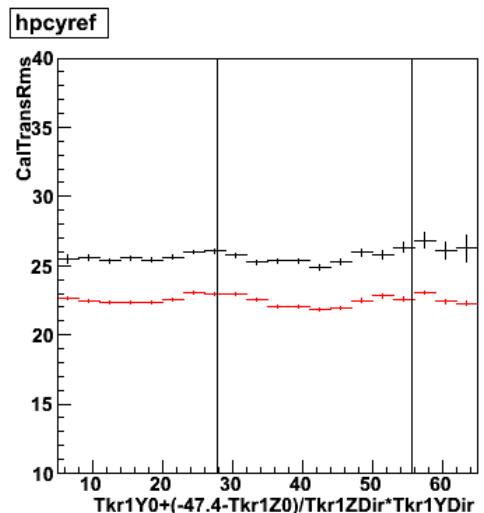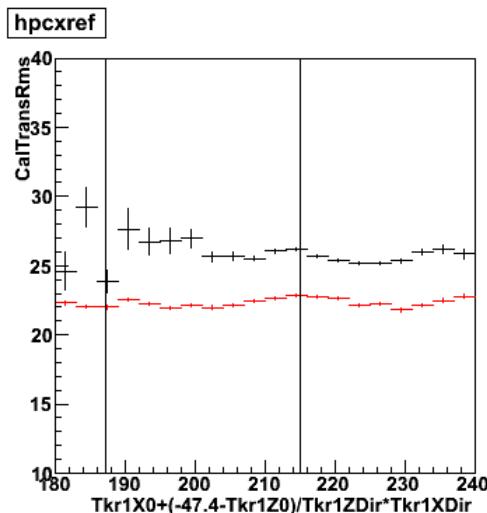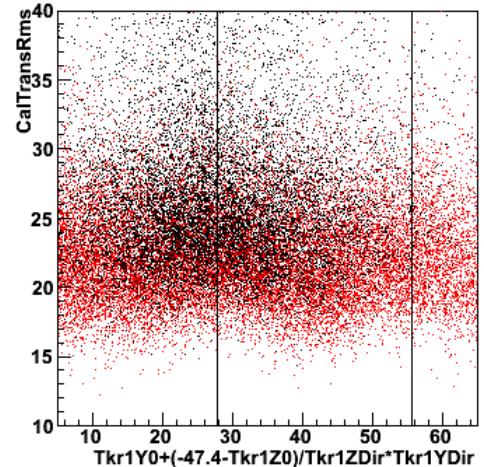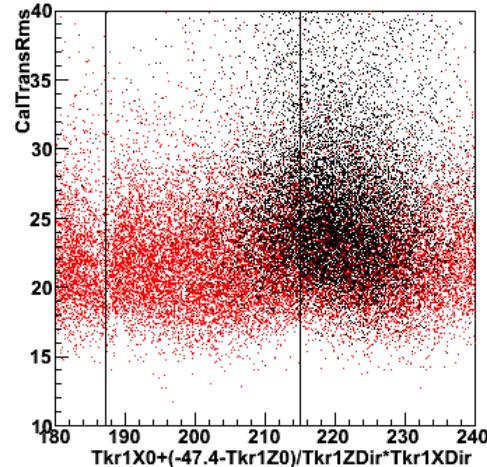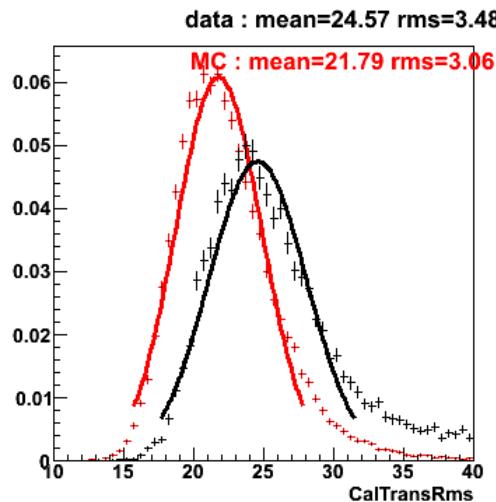
CalTransRms (20 GeV, 0 deg)
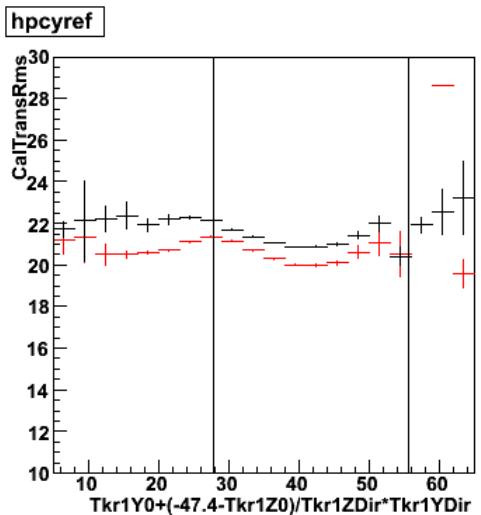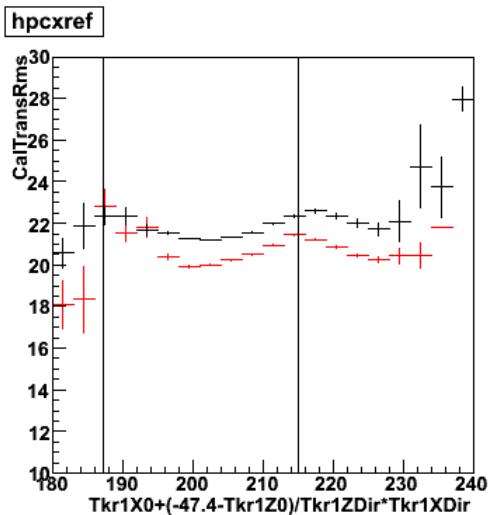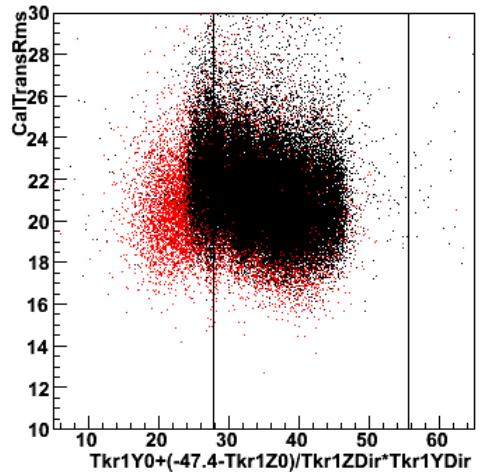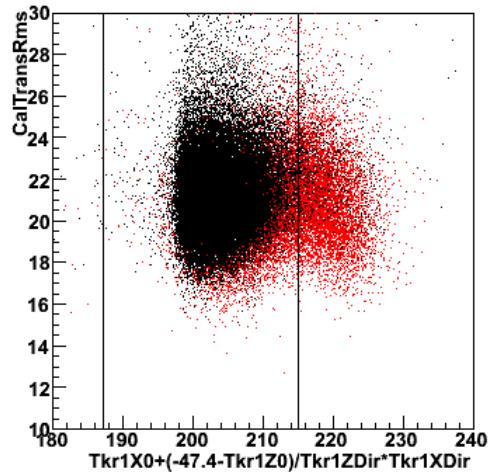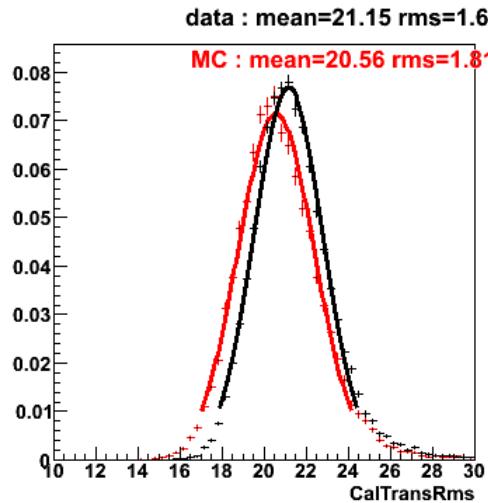
CalTransRms (100 GeV, 0 deg)
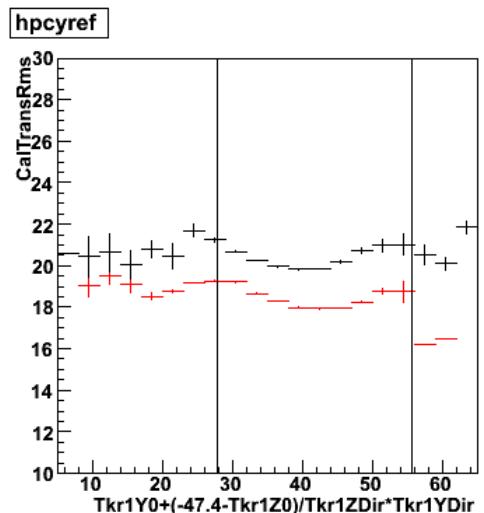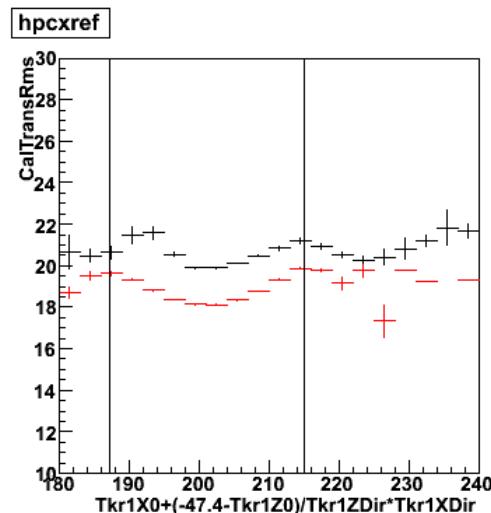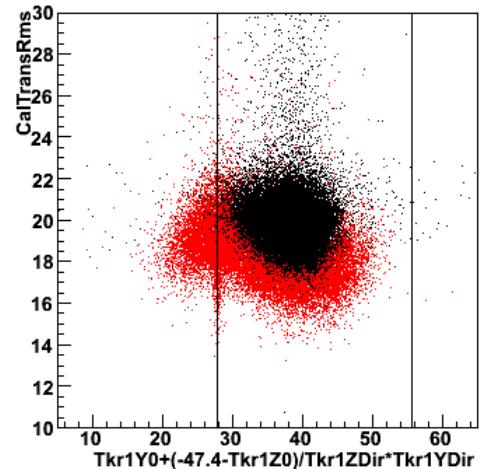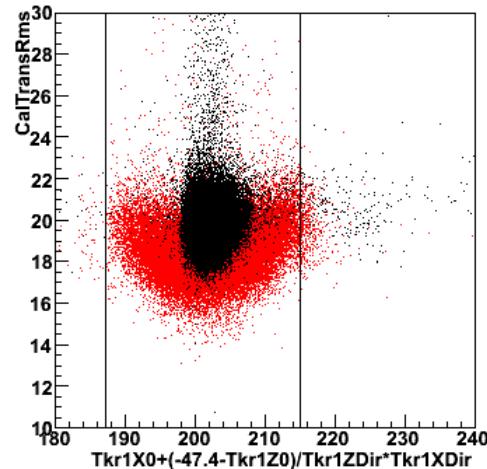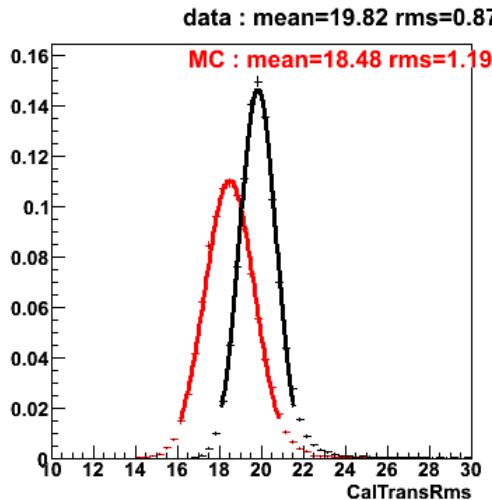
CalTransRms (282 GeV, 0 deg)
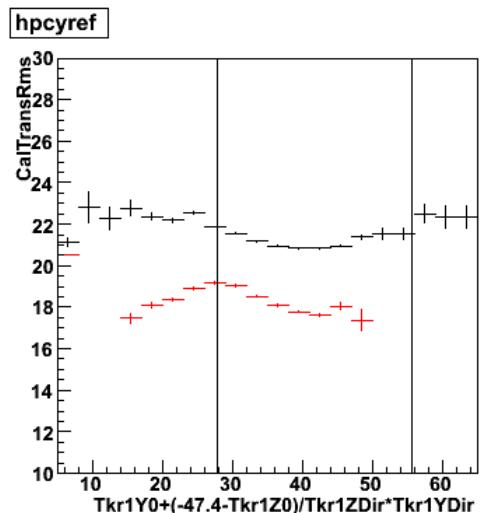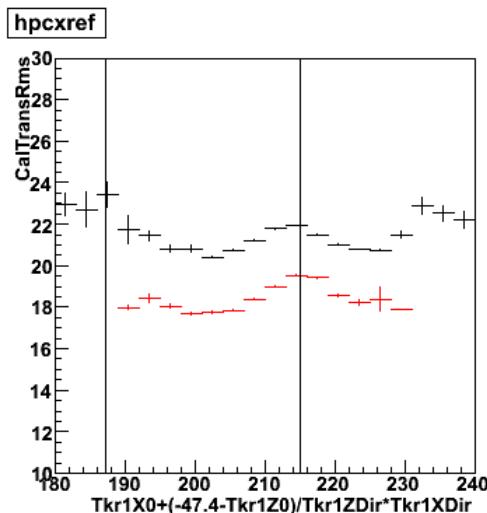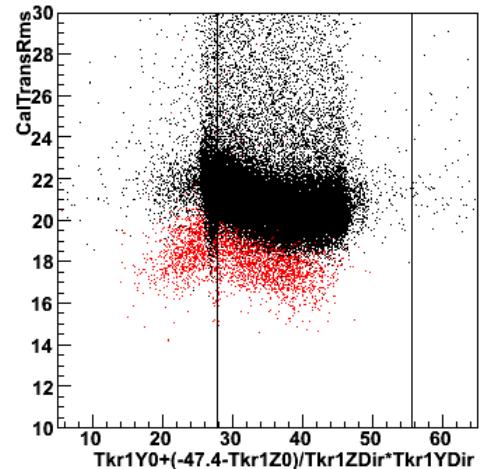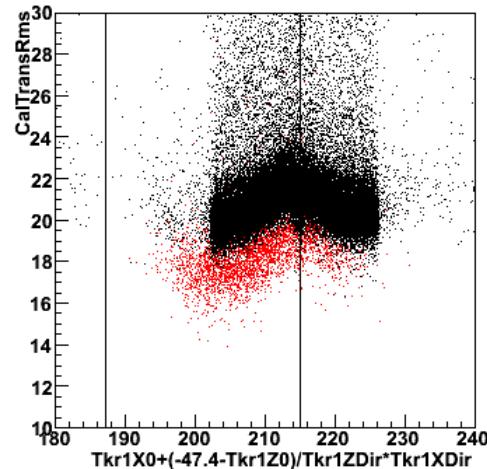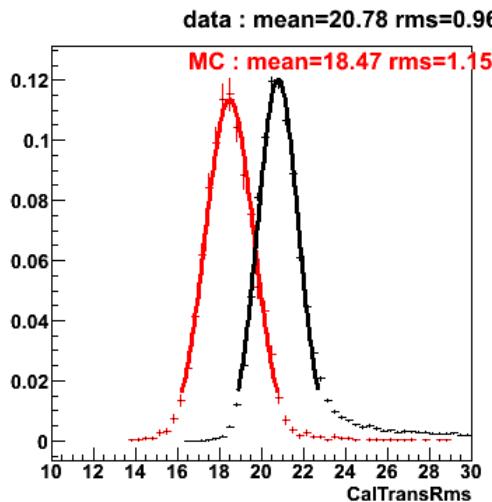
CalTransRms summary
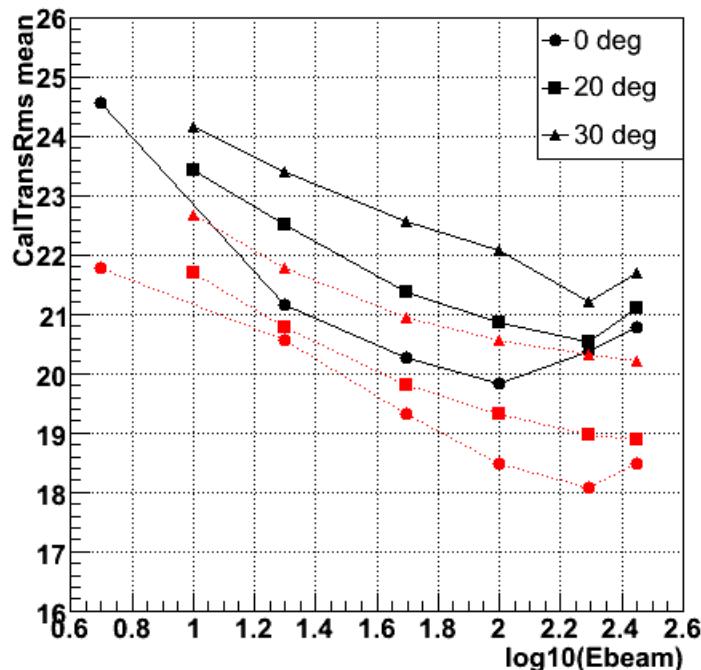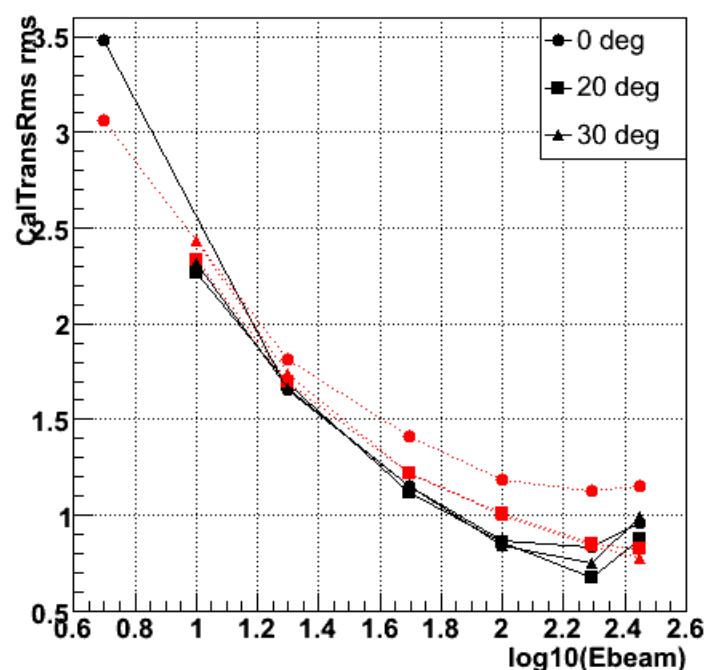
- Disagreement between data and MC (1 to 2 mm) : this is very bad news !
- But the variation with the impact point (log effect) is well reproduced