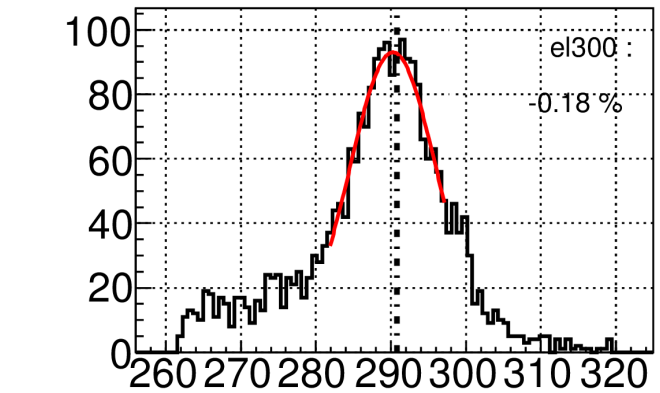
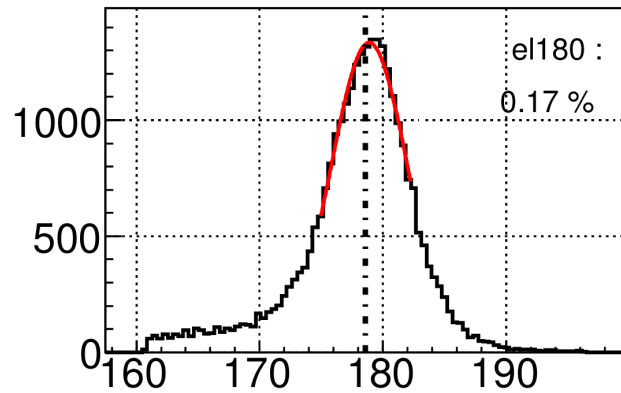
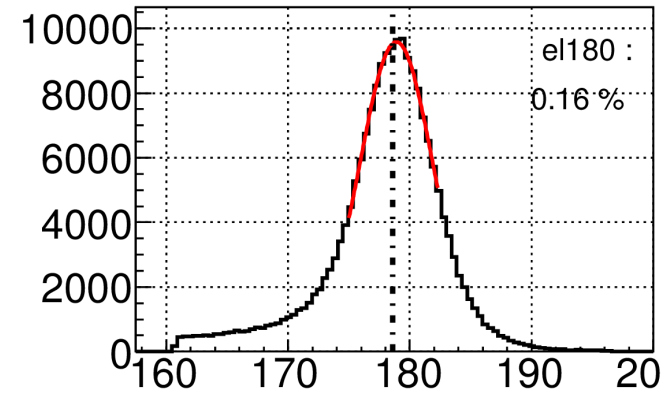
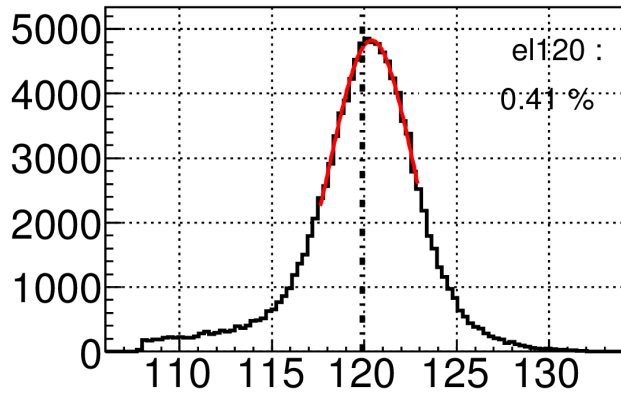
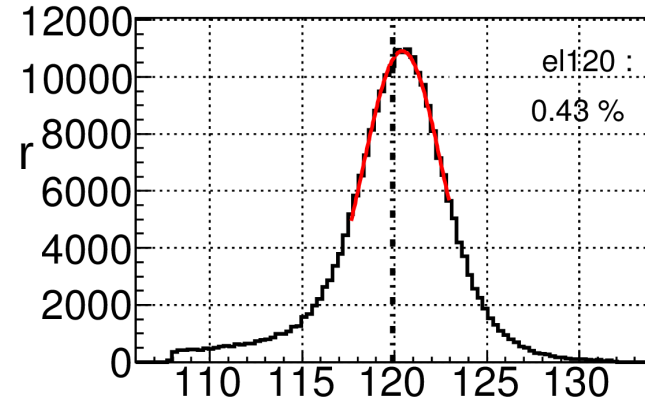
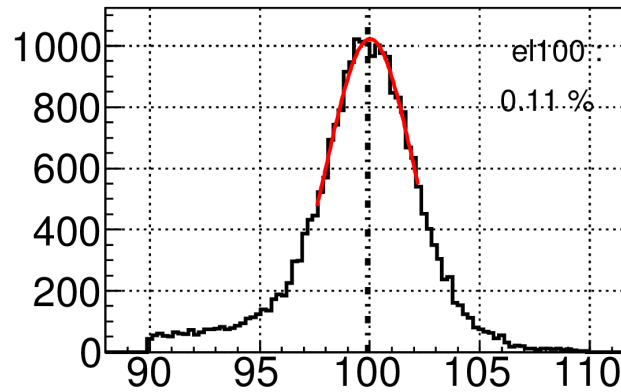
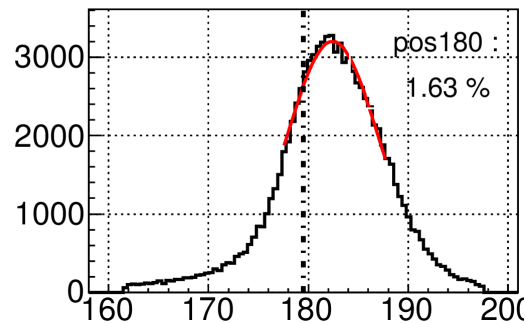
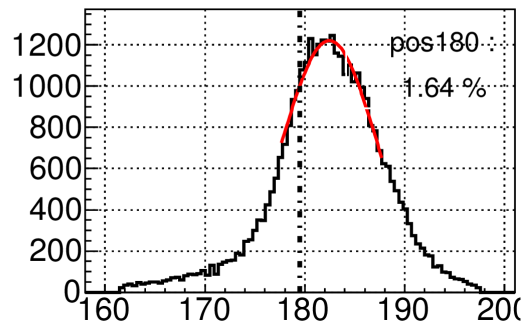
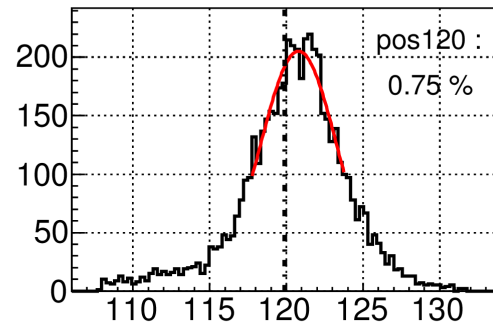
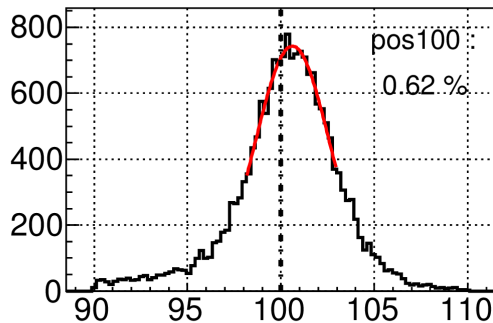
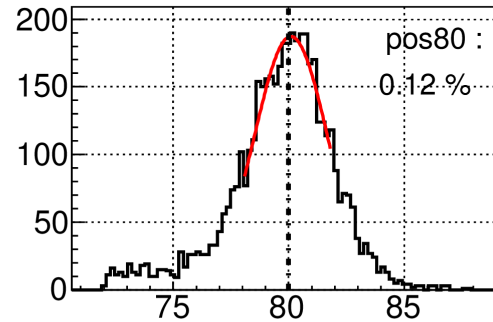
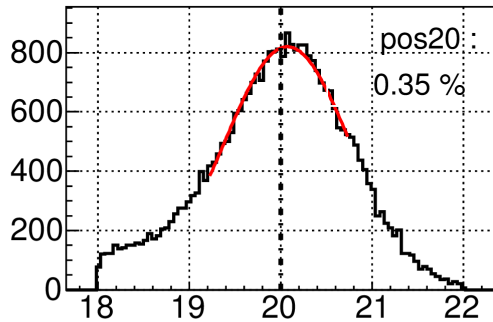
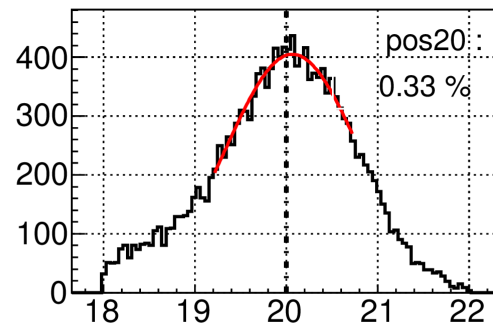
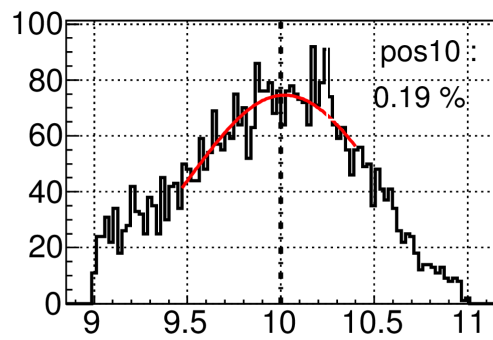


Rear leakage current status

Electron Energy E distribution



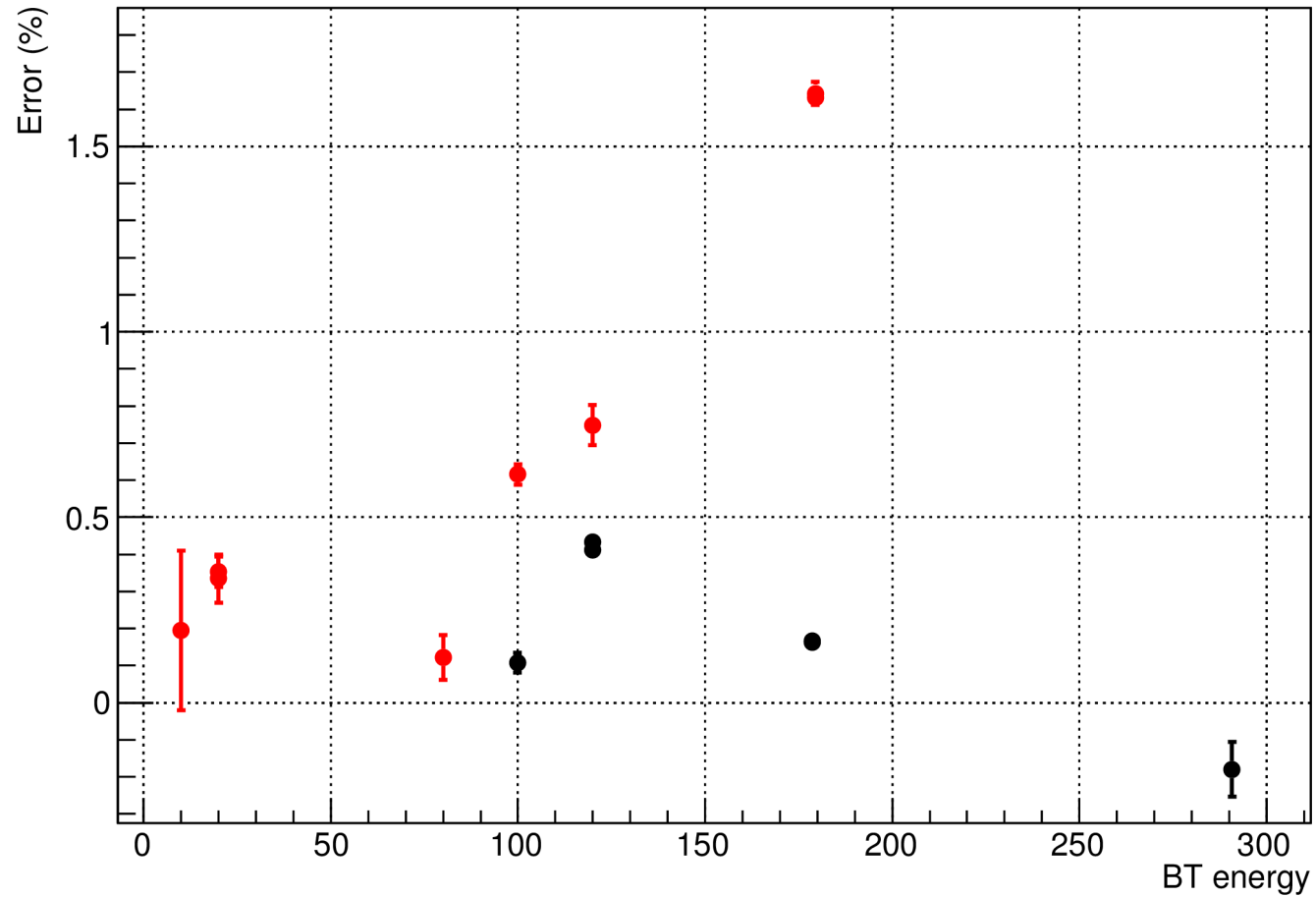


Positron EnergyE distribution

There is a slight tendency to EnergyE over-estimation

Global results on linearity

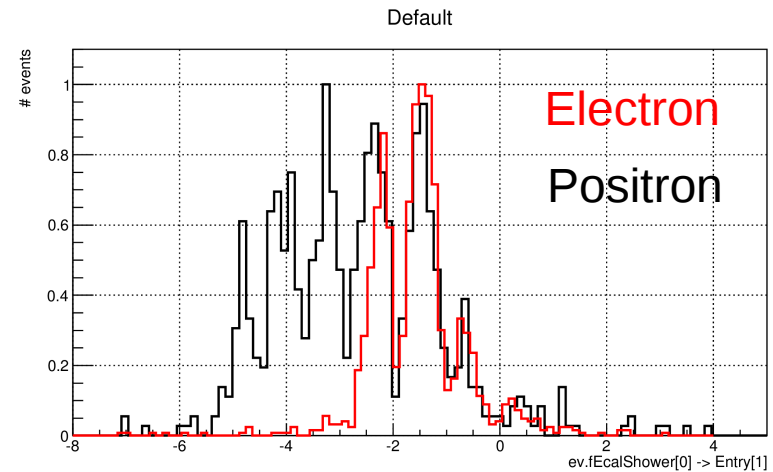
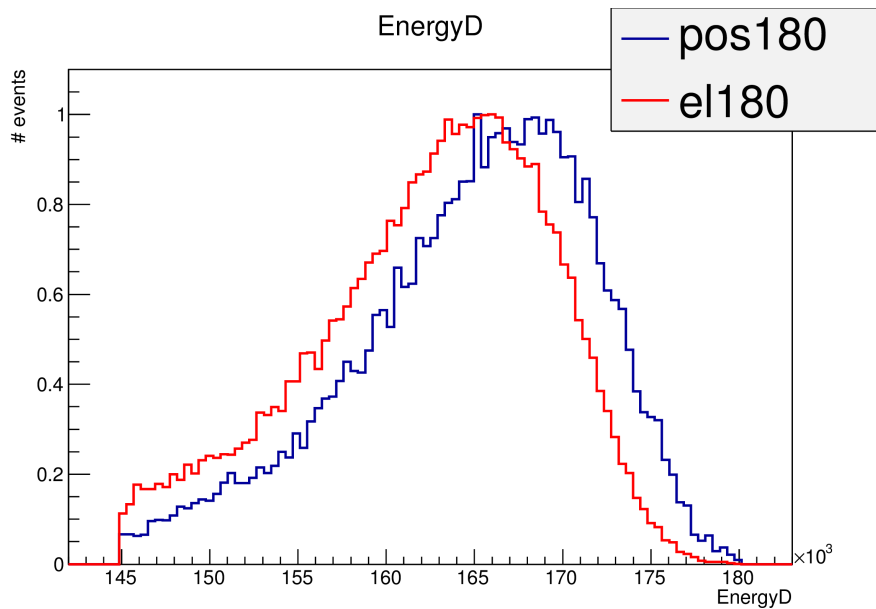
BT



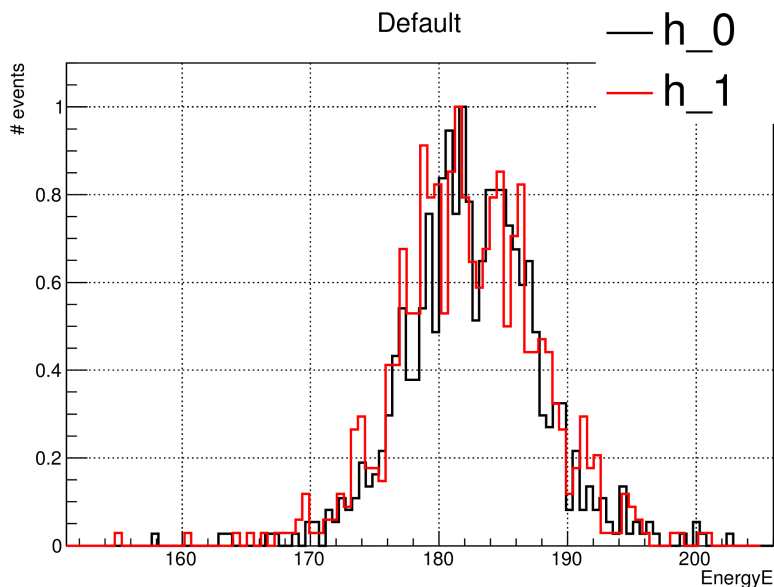
Strange behaviour of the positron 180 GeV run

The positron 180 GeV runs

The difference between pos180 and el180 EnergyE is also present at the Energy D level



Looking at pos 180 events display, they present a large variability of ECAL entry point



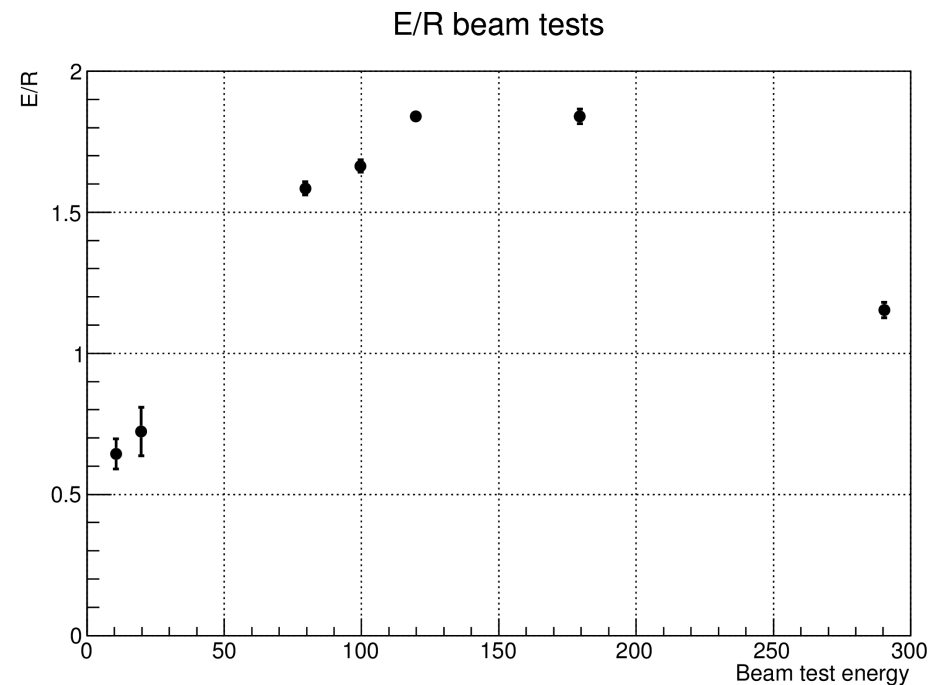
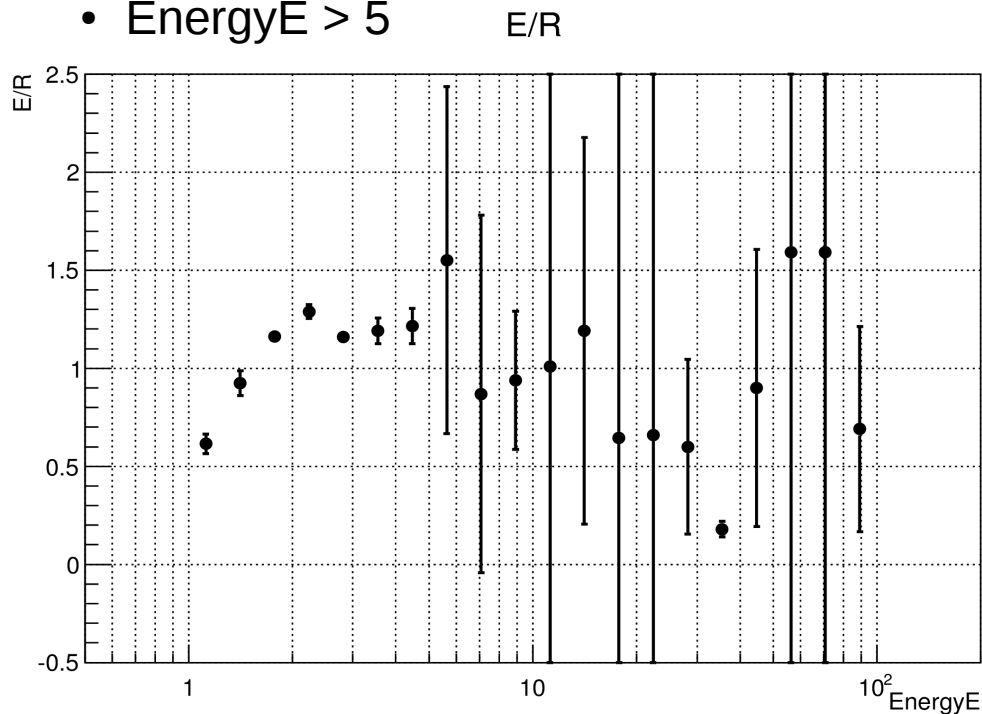
The offset is present in both positron 180 GeV perpendicular runs: 1281864092 and 1281865132

Is the beam test value is really 179.5 Gev ?

E/P stability

Particle selection:

- 1 particle, 1 track, 1 shower
- Track selection: `fitCode = tr -> iTrTrackPar(1, 0, 1)`
- `tr -> IsFake() = true`
- `tr -> GetNormChisqY(fitCode) > 0`
- $|Rigidity| > 5$
- $EnergyE > 5$



Unstable behaviour on LSF this week:

Unable to process the jobs on LSF yet (strange EOS and AFS errors):
unable to mount eos disks in the jobs ?!

This is just a test on local made on one run of ISS data and a fraction of the test beam.

Conclusion

- Linearity is correct for all but positron 180 runs
- I suspect the problem to be at the EnergyD level. Still under investigation.
- E/R code is ready but large overload on LSF makes it hardly usable currently
- First ISS pre-processed: I will launch the E/R jobs this afternoon