



GCRcalib status

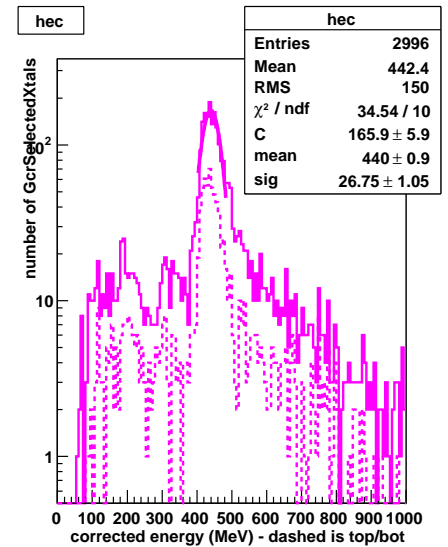
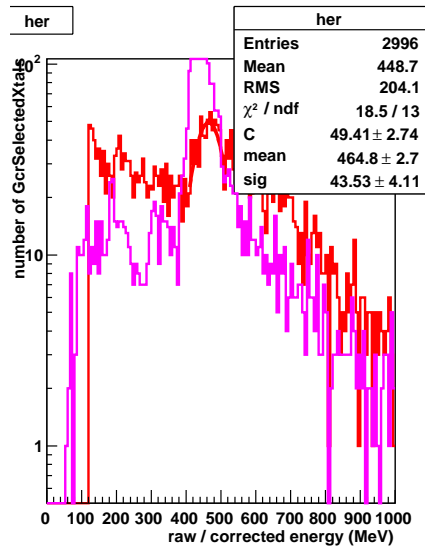
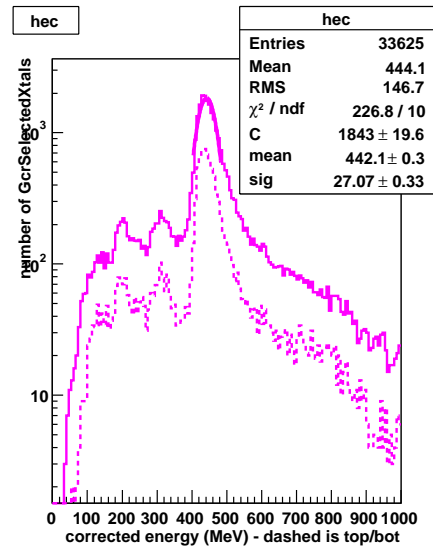
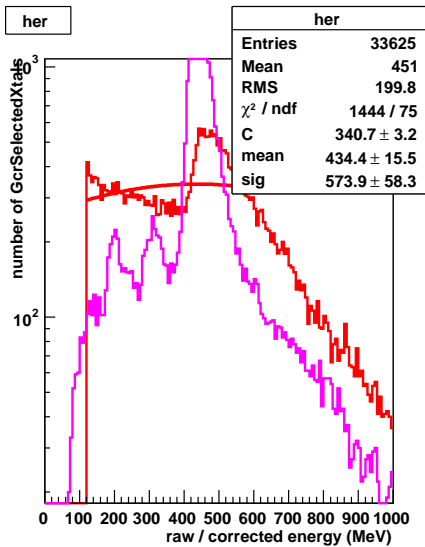
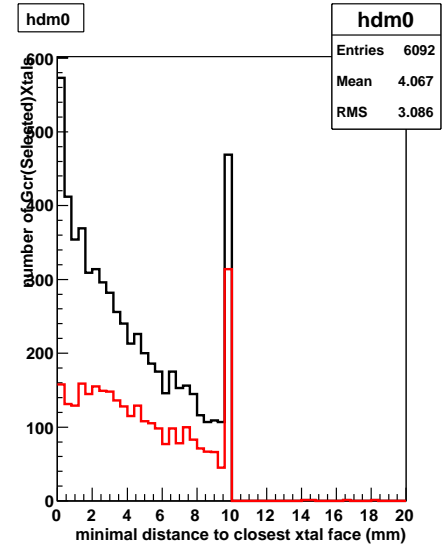
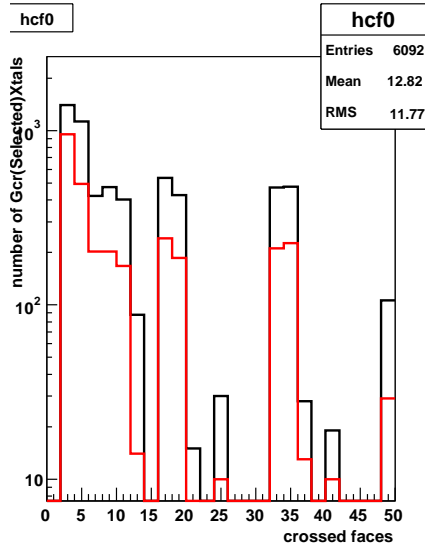
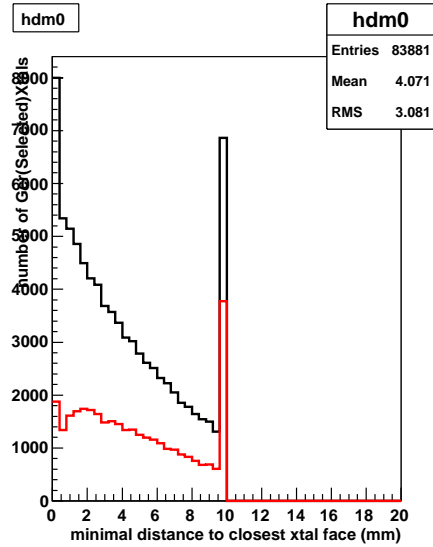
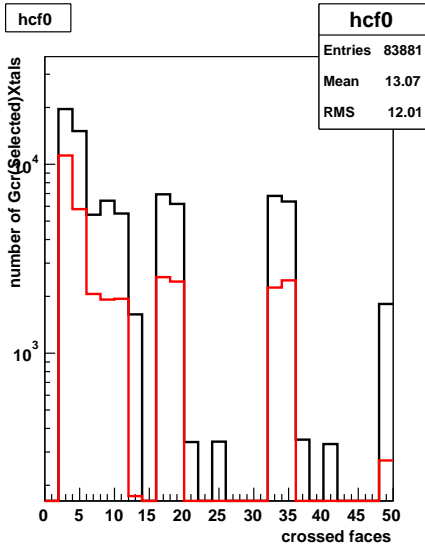
- **Code migration to GR v9r16**
 - **local compilation** against GR v9r16 done
 - **ROOT inheritance of GcrSelectedXtals from GcrXtals induces problem in AnalysisNtuple (?)**
 - **CVS: how to use the “user area”**
- **TkrRecon turned ON**
 - **Cal3 sequence added to JO file containing GCRCalib algs**
 - **after full TkrRecon**
 - **TKR best track used in GCRRecon** and stored in recon.root (along with MC initial direction)
 - **no error available (KF assumes electrons)**
 - **CPU consumption * ~3**



Carbons (CrHeavylonPrimary)

using MC dir

using TKR dir

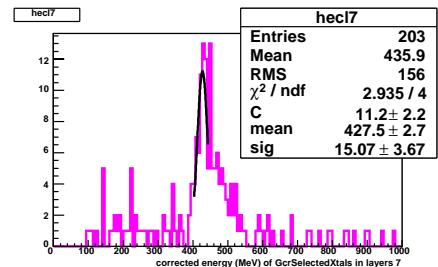
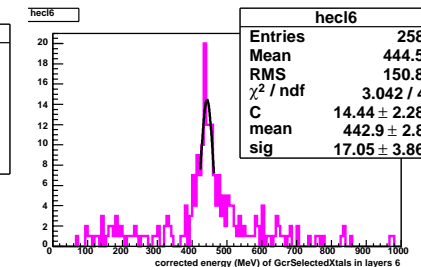
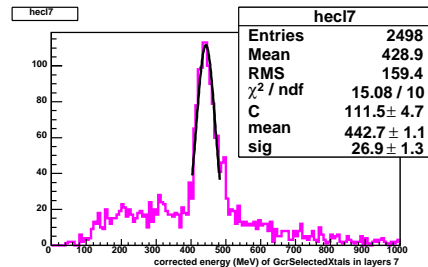
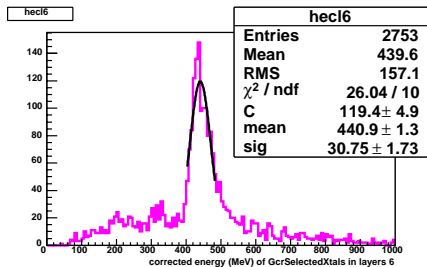
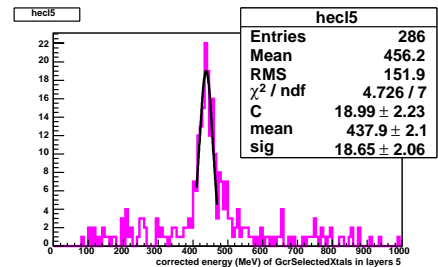
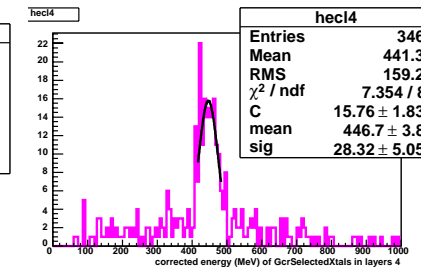
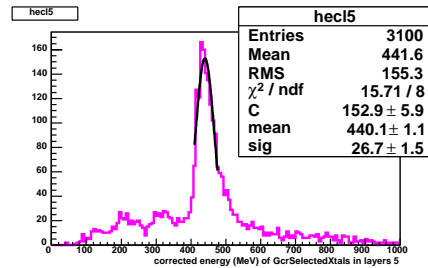
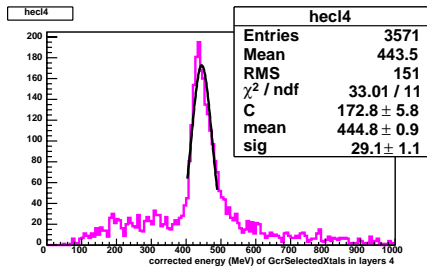
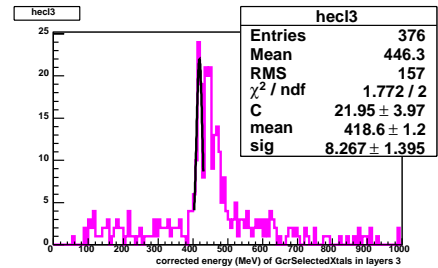
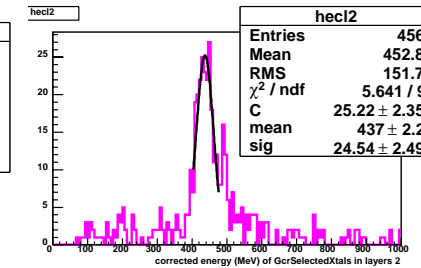
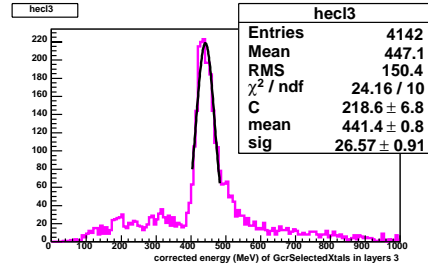
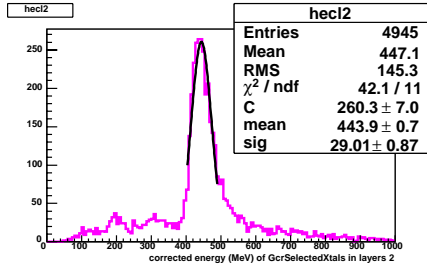
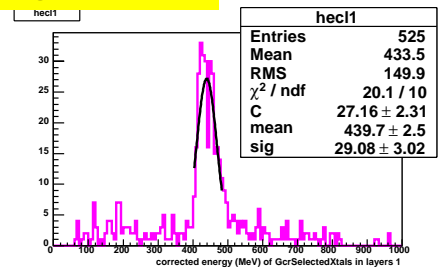
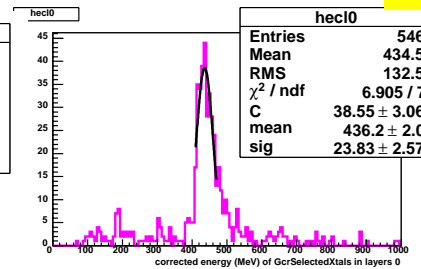
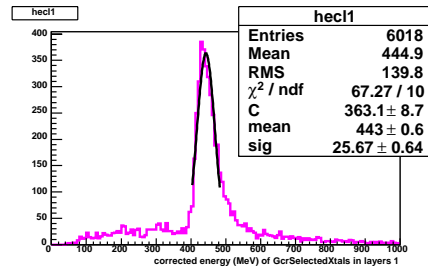
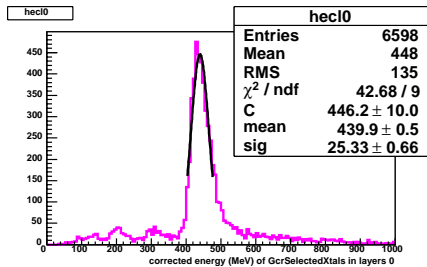




Carbons (CrHeavyIyonPrimary)

using MC dir

using TKR dir





Pending tasks

- **GCRSelect improved filtering procedure including:**
 - a global (all tower) multiplicity criterium
 - an additional criterium based on **layer-to-layer energy correlations**
- **Simulations**
 - a few 500k events for $Z=6, 14, 18, 22, 26$
 - estimate of **equivalent time spent in orbit**
 - CNO trigger turned ON
- **Efficiencies**
- **Needs for GSI**
 - implement GCRcalib code in BTrelease
 - test code and pipeline (gcrSelect.root handling)
- **SC1**
 - 1-week Gleam Survey Run - end Nov 2006