The new offset table

Method same as the previous table

   Use overlap ee2 events find beam position
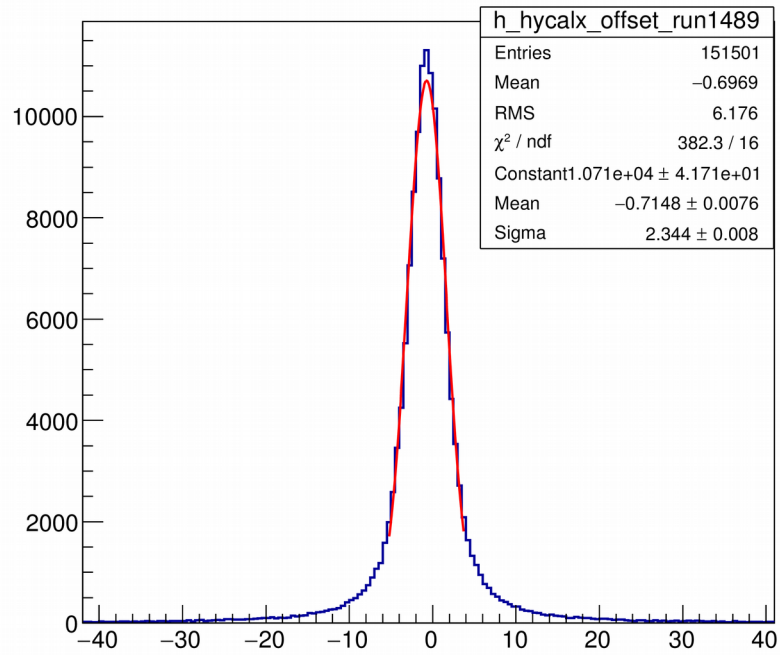
Coordinates follow the convention in PRadAnalyzer

   Target is not located at 0, instead Z_{target} = 88.9mm (downstream)

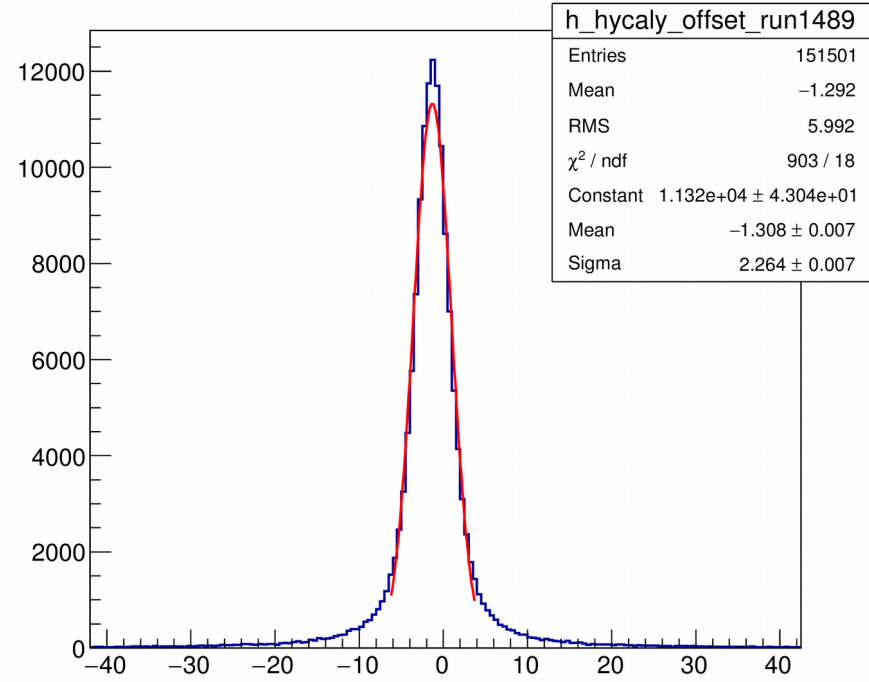   All coordinates have been calibrated

The new offset table

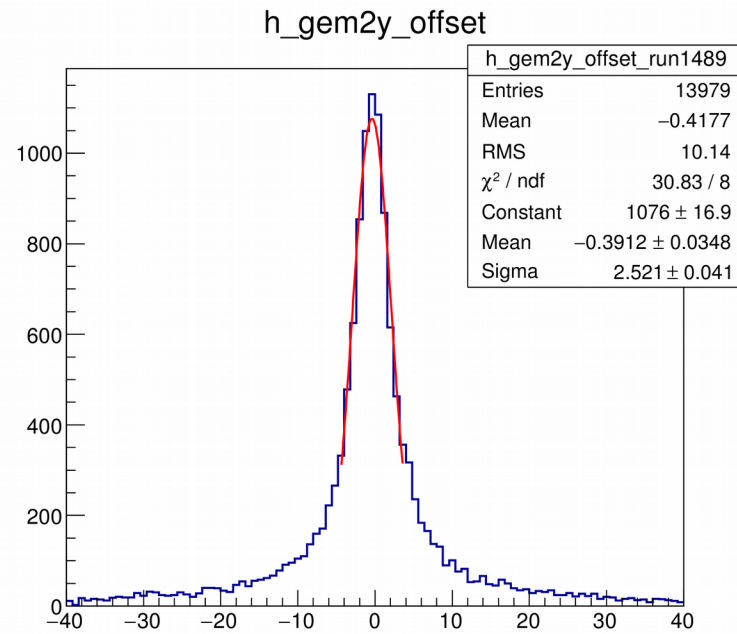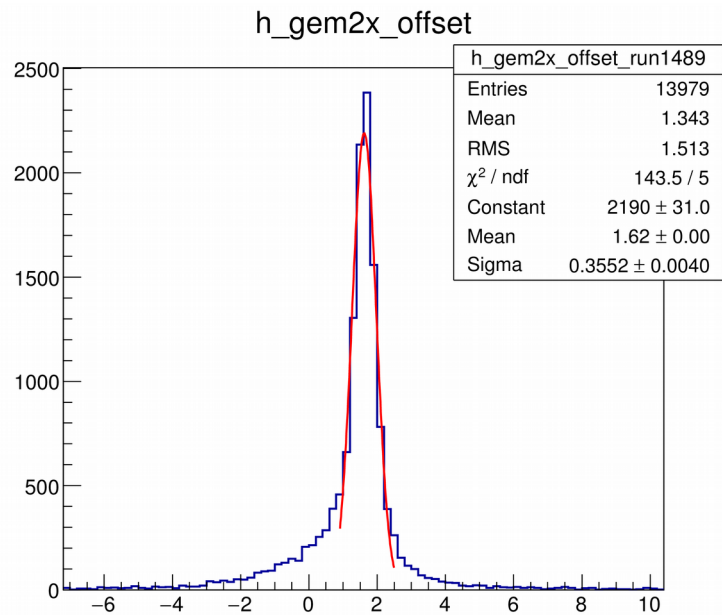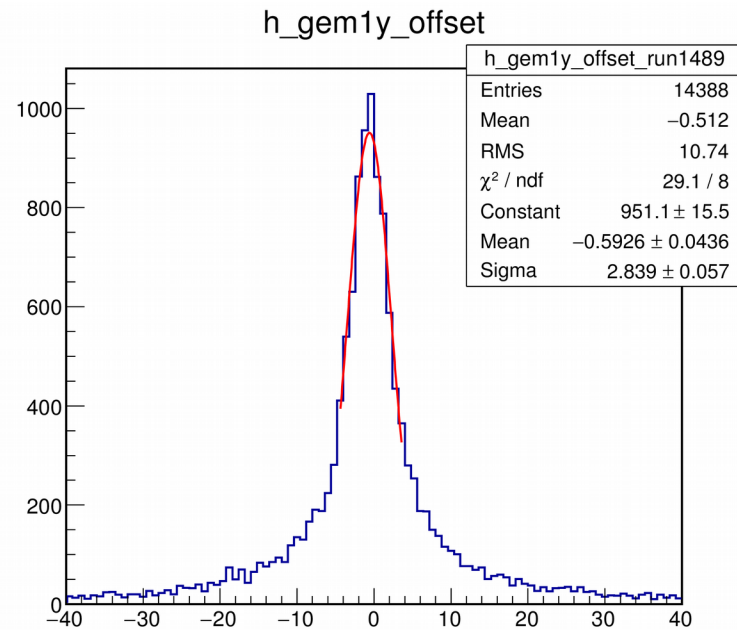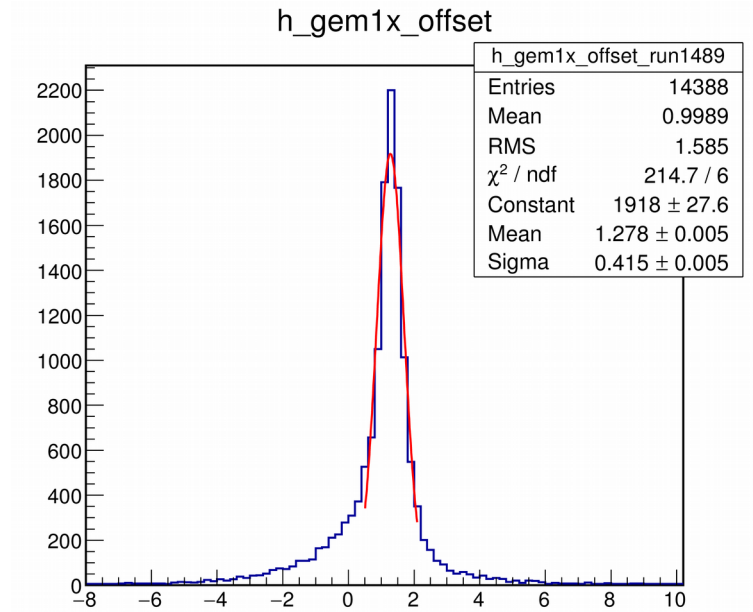### h_hycalx_offset

h_hycalx_offset_run1489	
Entries	151501
Mean	−0.6969
RMS	6.176
χ^2 / ndf	382.3 / 16
Constant	1.071e+04 ± 4.171e+01
Mean	−0.7148 ± 0.0076
Sigma	2.344 ± 0.008

h_hycaly_offset

h_hycaly_offset_run1489	
Entries	151501
Mean	−1.292
RMS	5.992
χ^2 / ndf	903 / 18
Constant	1.132e+04 ± 4.304e+01
Mean	−1.308 ± 0.007
Sigma	2.264 ± 0.007

The new offset table

The new offset table

GEM1 X offset vs run number

1GeV run

2GeV run

Error bar: width from fitting

The new offset table

GEM1 Y offset vs run number

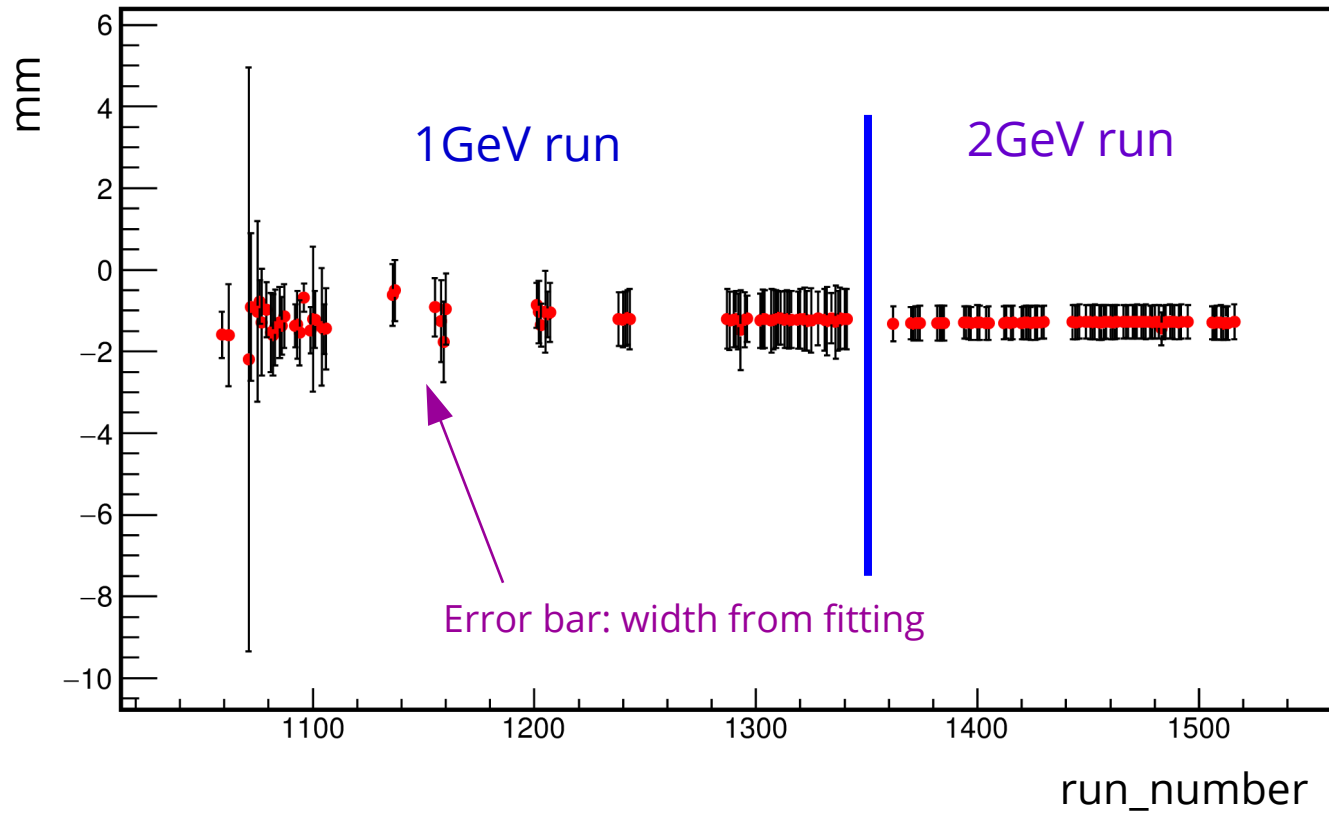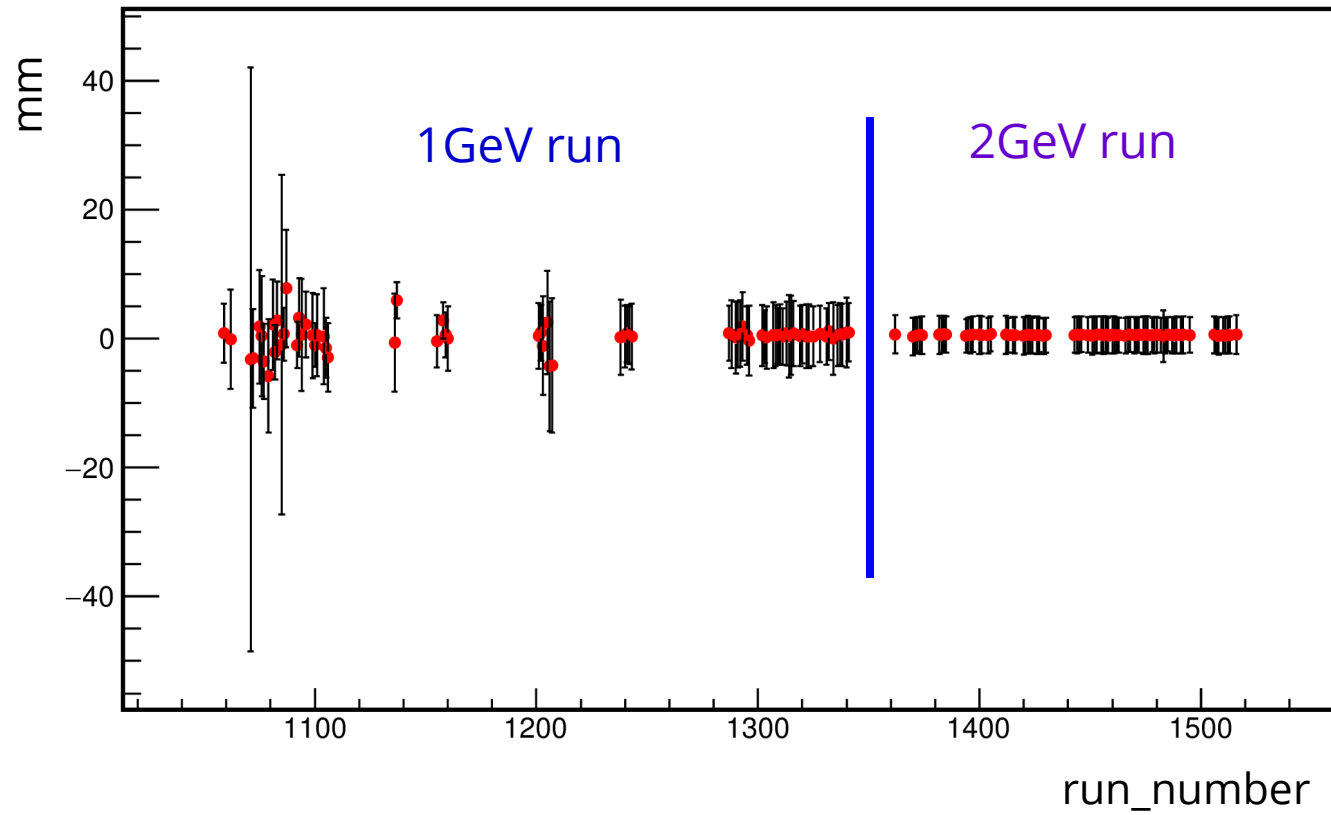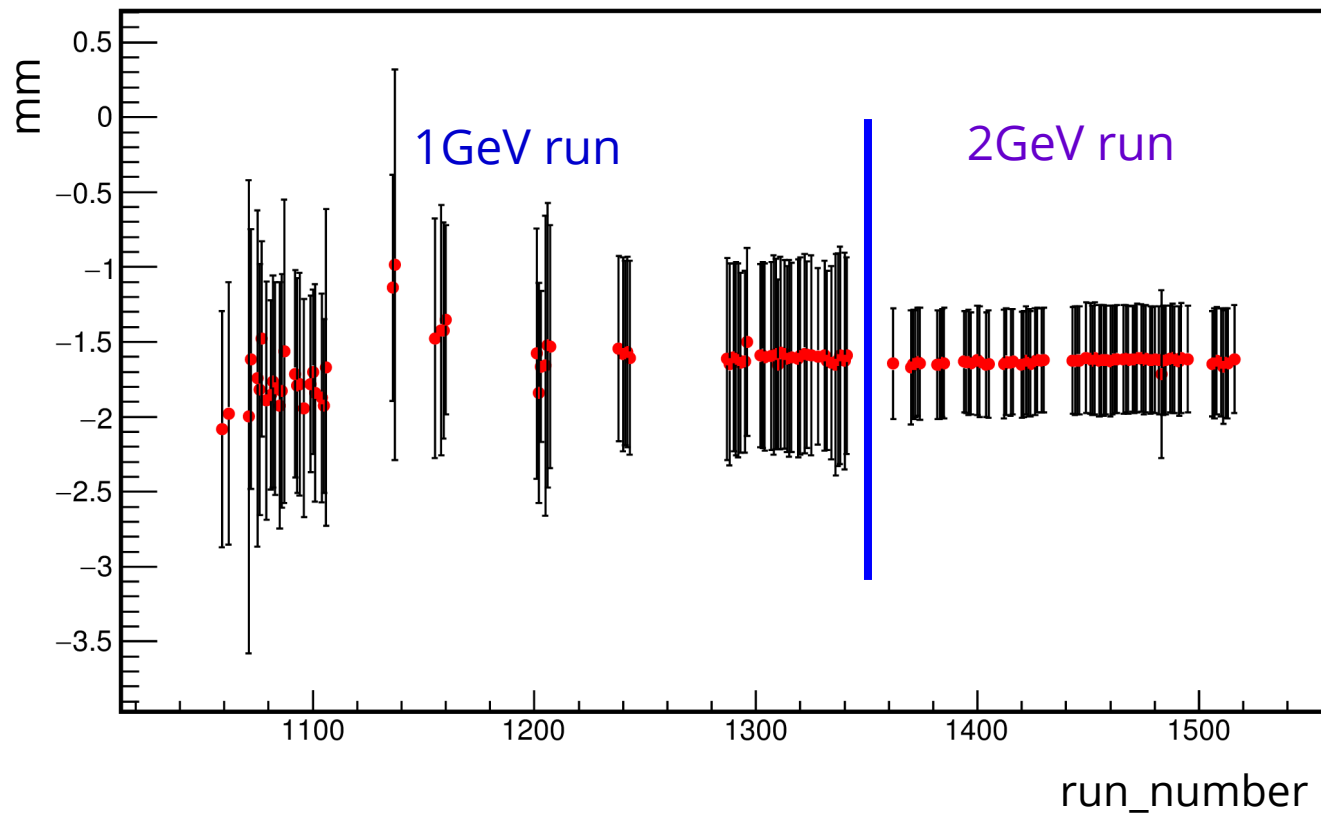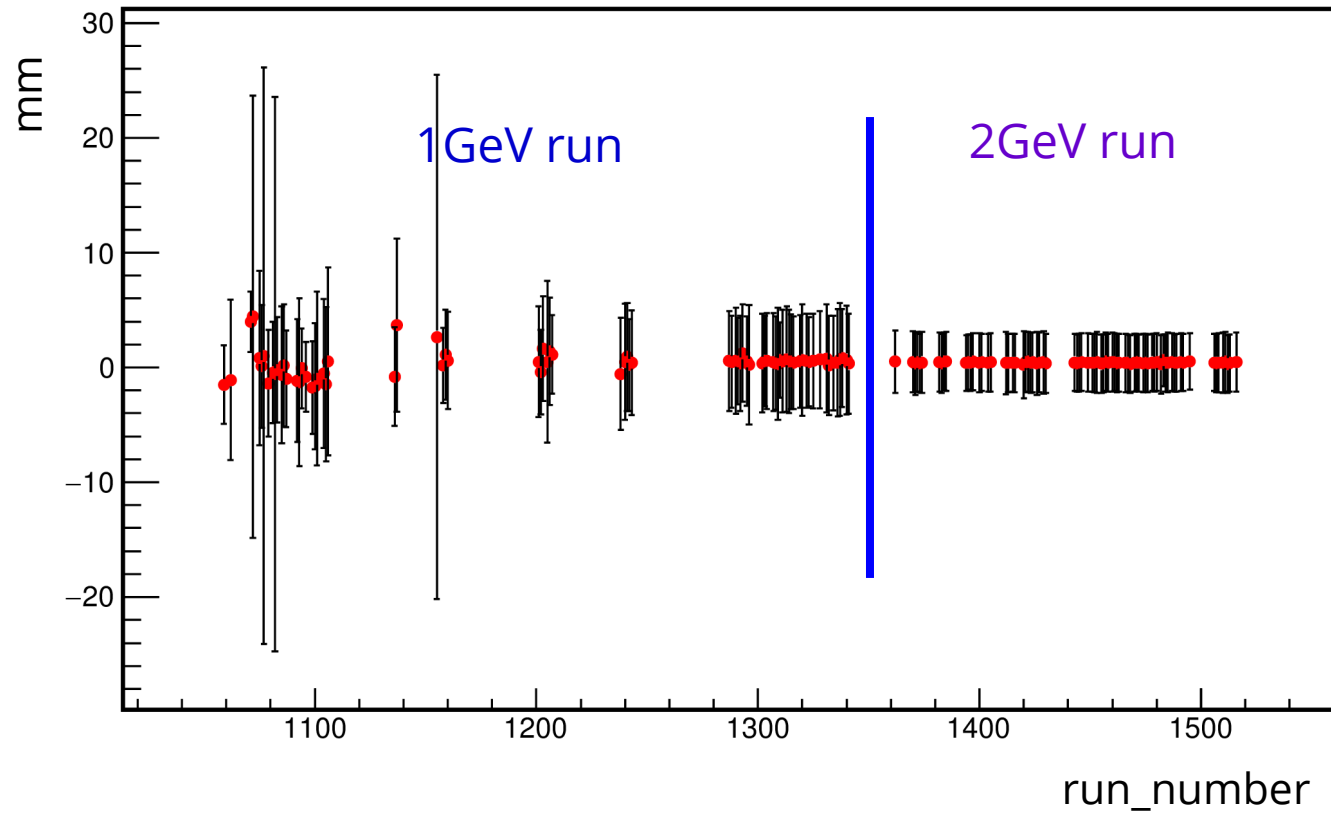# The new offset table

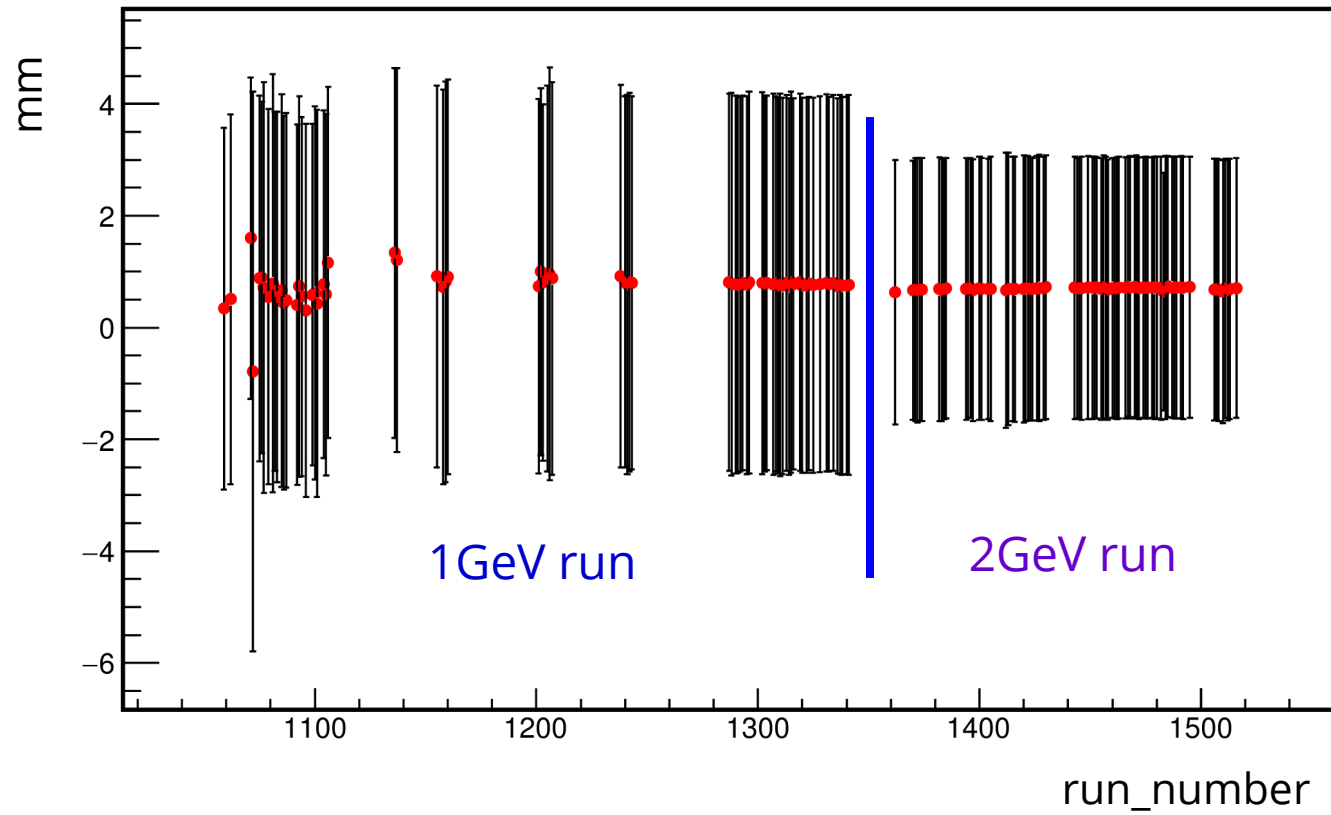## GEM2 X offset vs run number
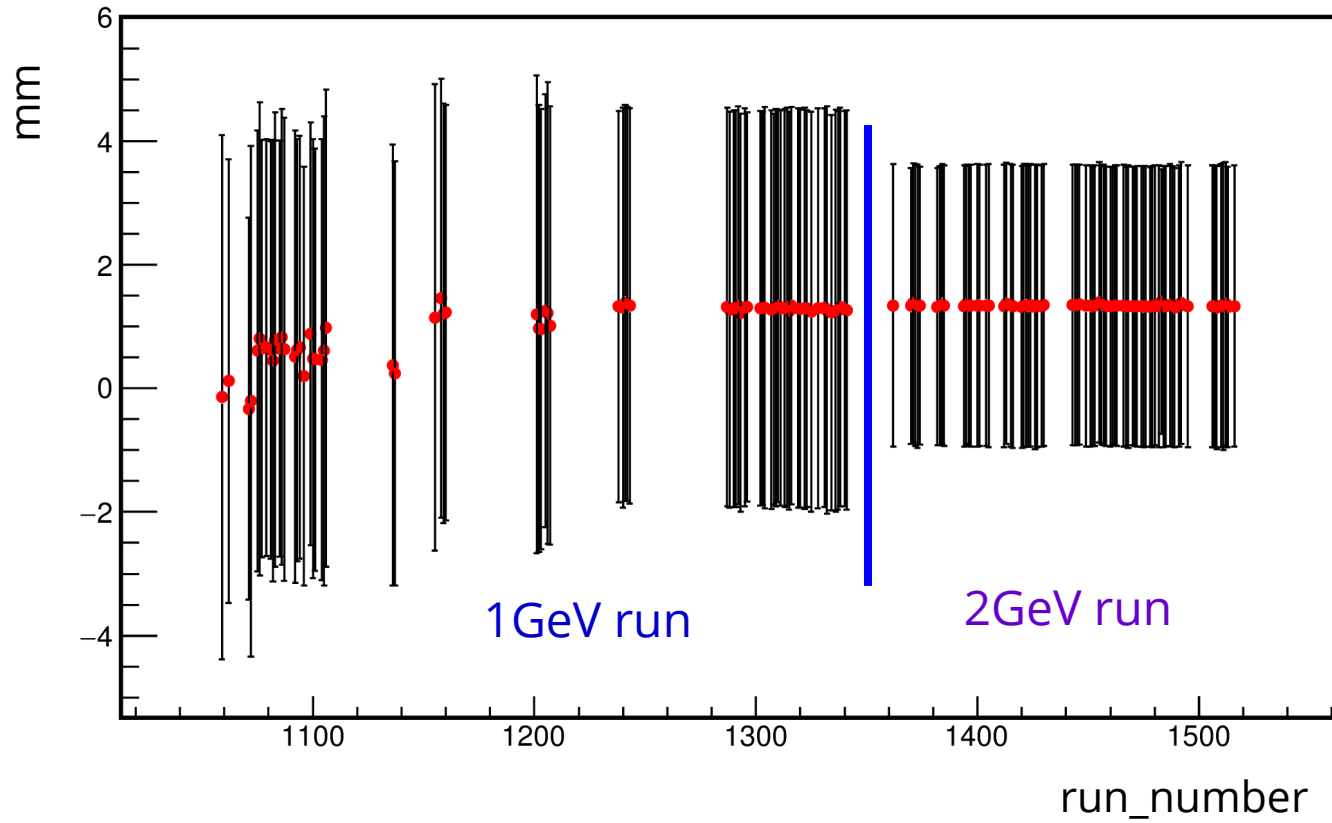
The new offset table

GEM2 Y offset vs run number

The new offset table
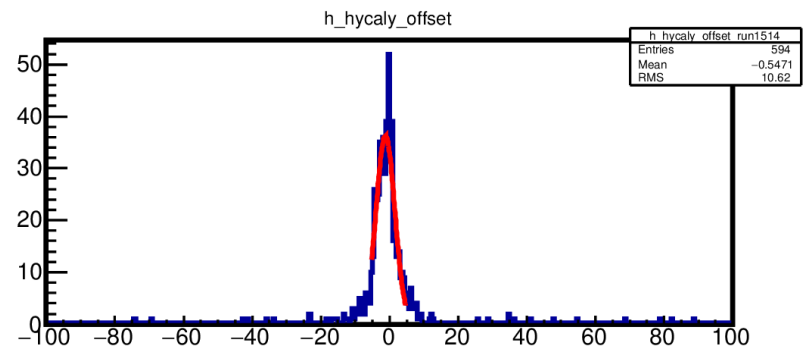

HyCal X offset vs run number

The new offset table

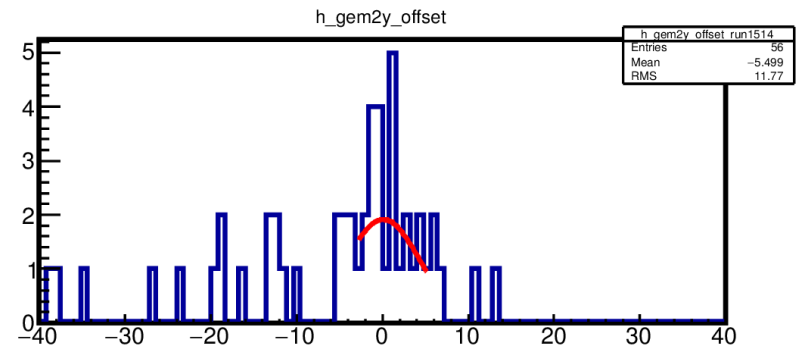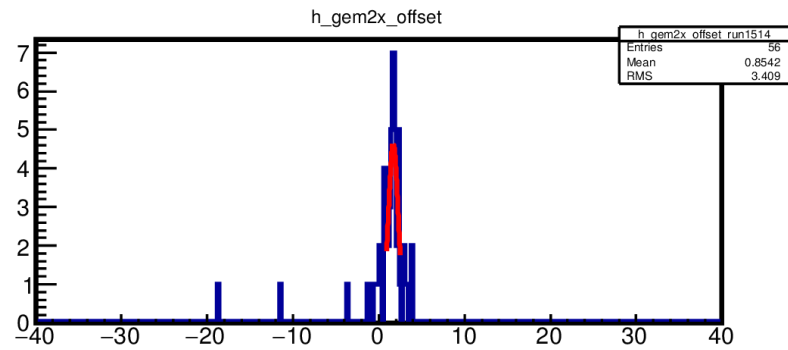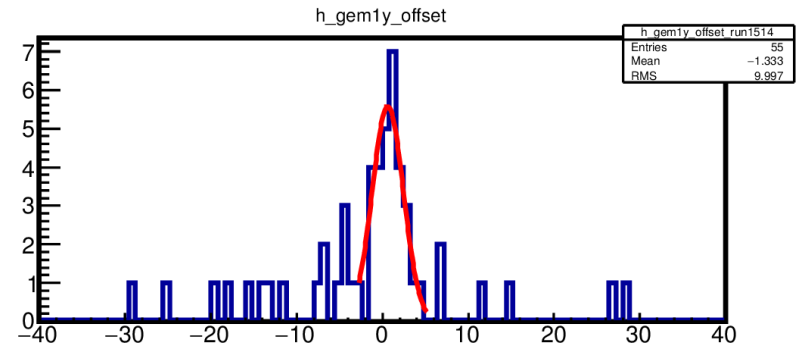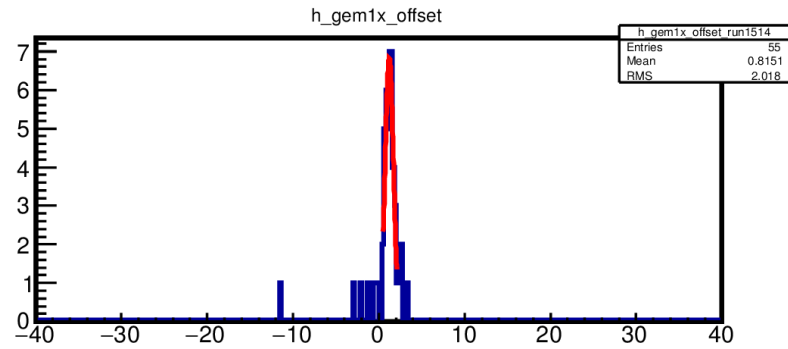# The new offset table
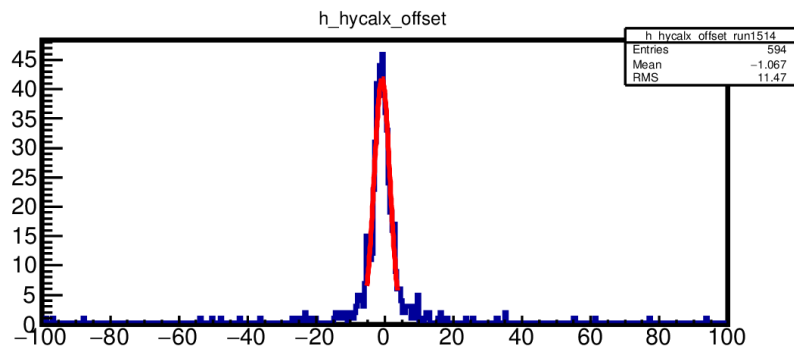
Empty runs have very few ee2 events in overlapping area