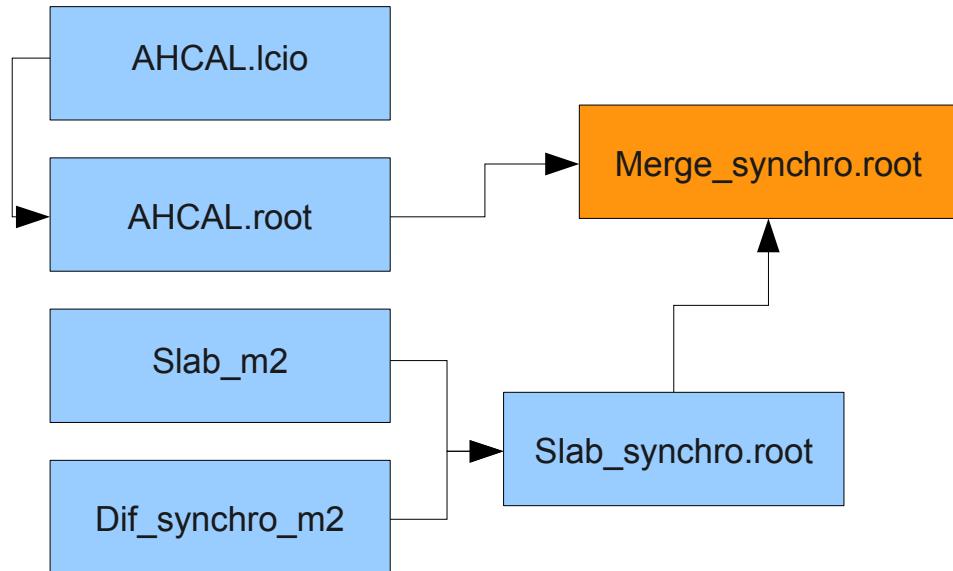


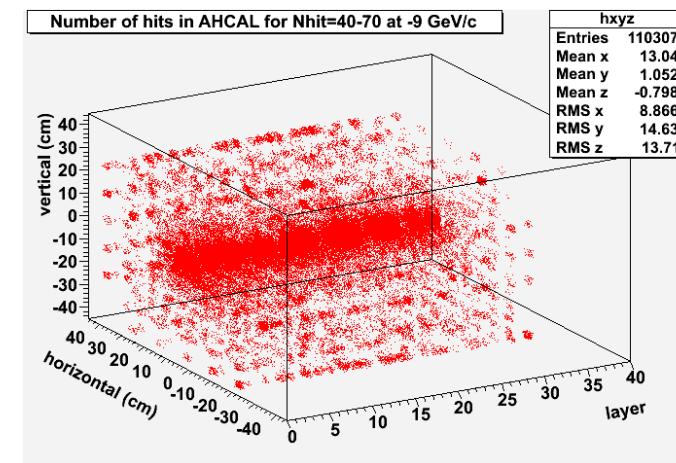
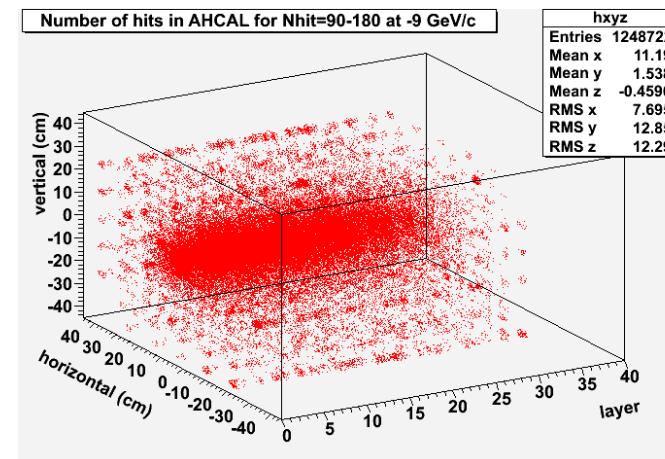
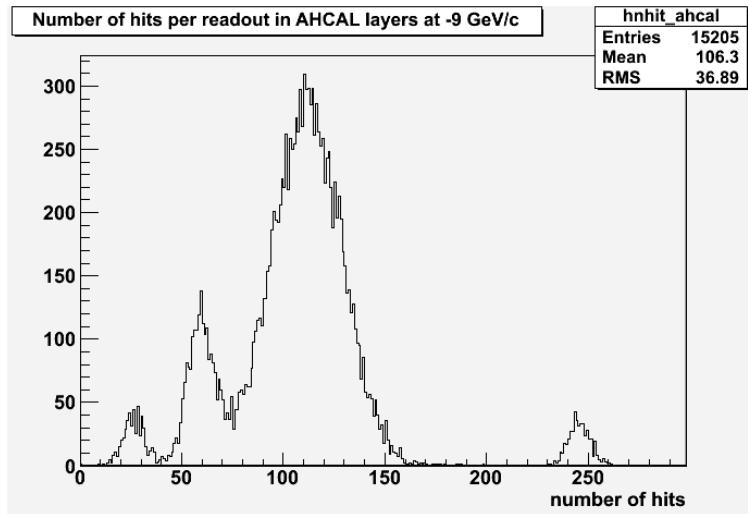
AHCAL/M2 Micromegas TB analysis

M. Chefdeville
19 Avril 2011

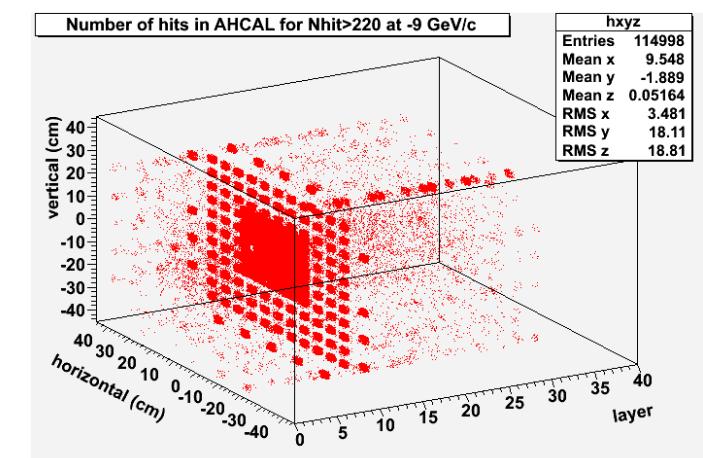
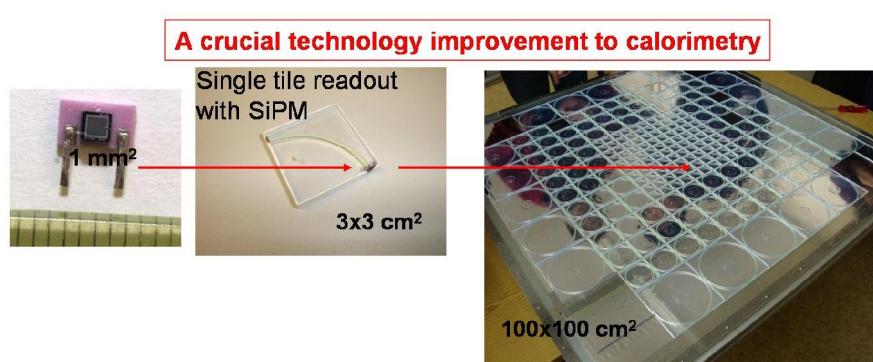
Données et reconstruction

- AHCAL
 - Fichier binaire de données brutes (faisceau+calib)
 - Fichier .lcio avec position, énergie et compteur DIF_SYNCHRO_AHCAL
 - Run360846_reco.000.slcio (~150000 évènements)
 - M2 Micromegas
 - Fichier texte labview SLAB
 - Fichier texte labview DIF_SYNCHRO_m2
 - Framework
 - .lcio → .root
 - merge
- 

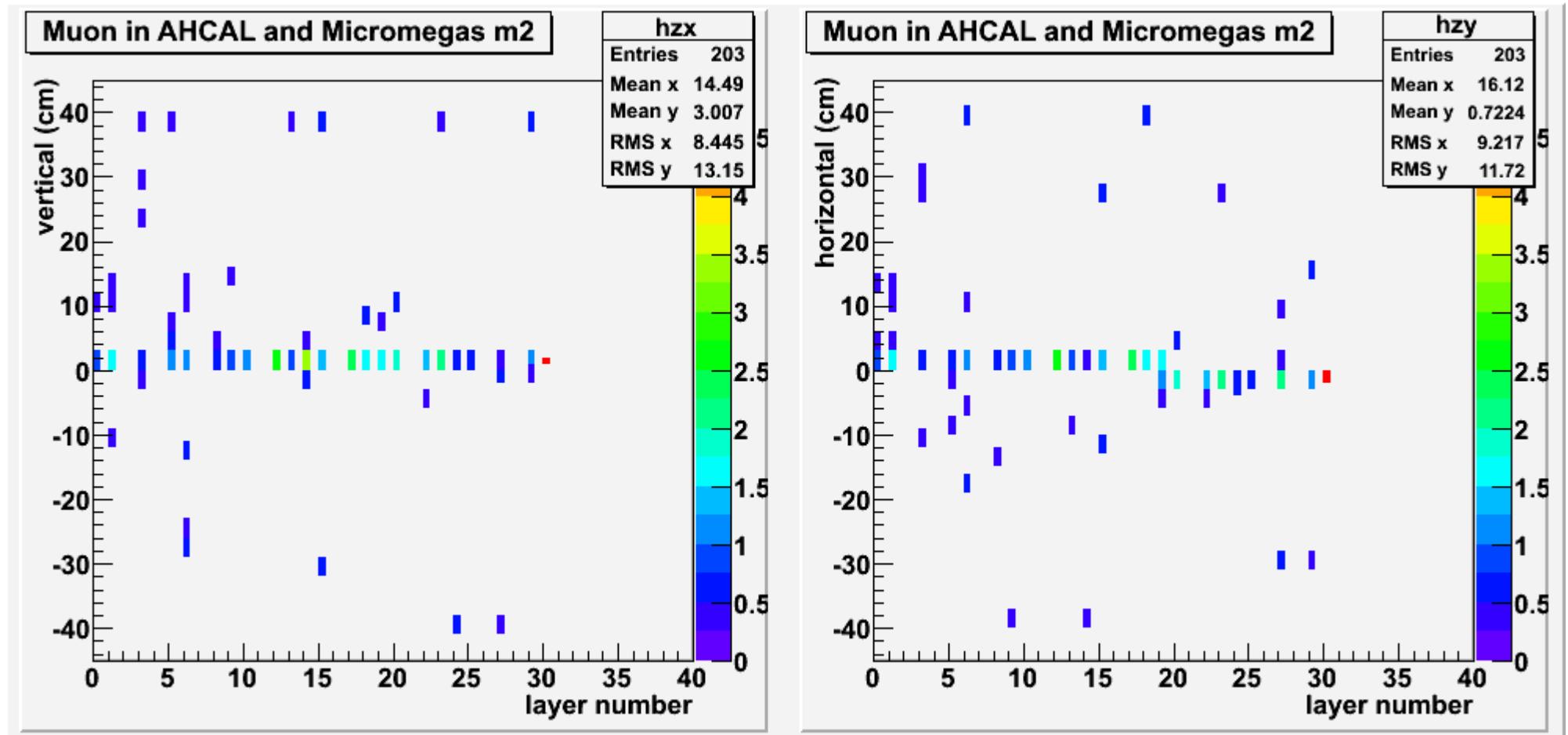
Données AHCAL nombre de hits



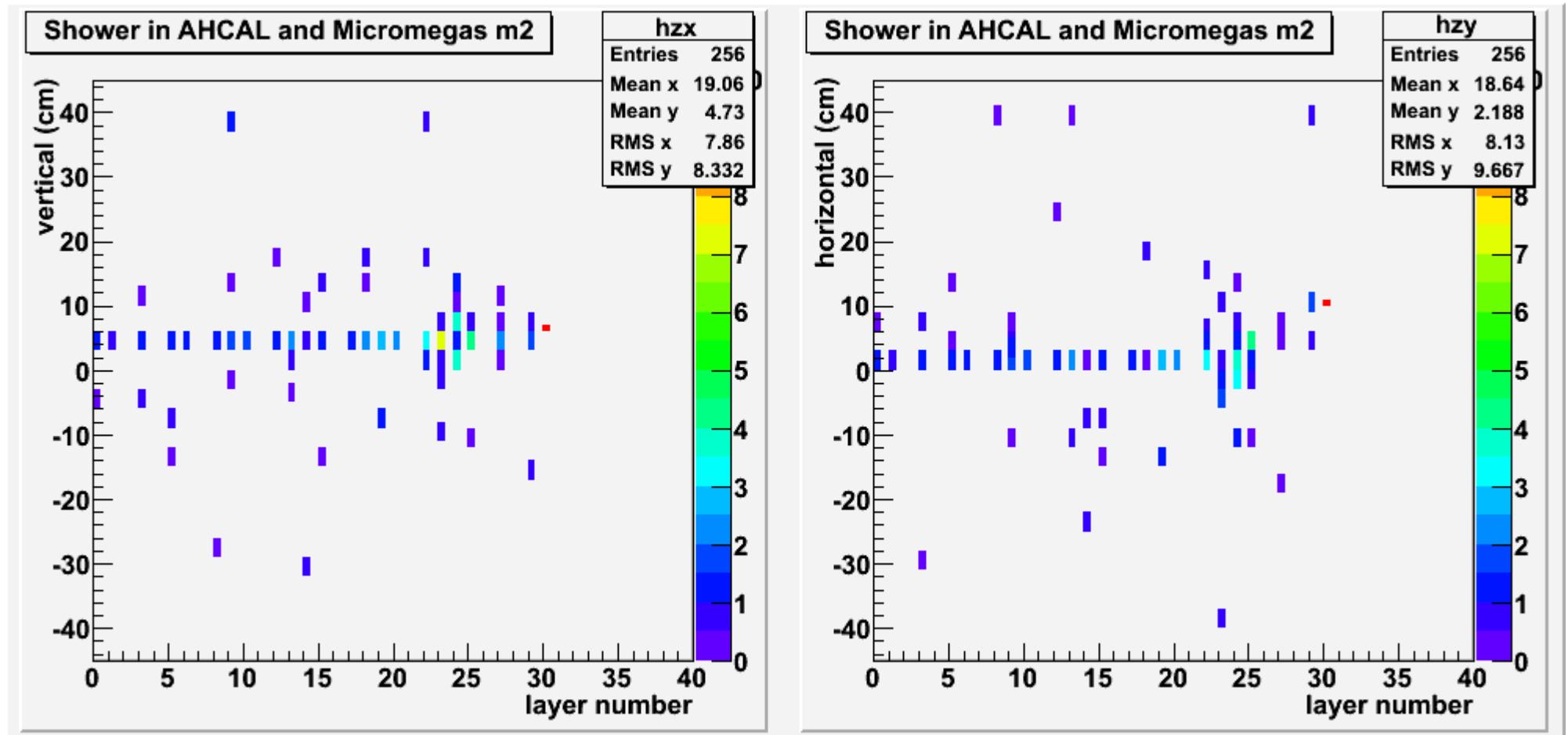
Plans bruyants, MIPs, gerbes



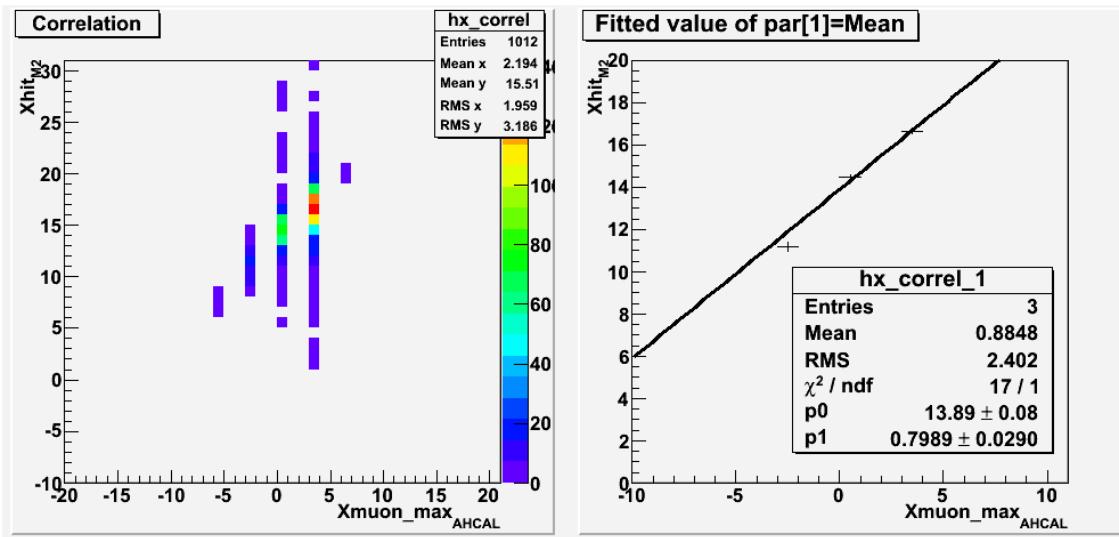
MIP



Gerbes



Premier test de la synchro



Lot d'évènements MIP
15000 lecture M2

→ position max
dans le AHCAL
+ position des hits
(en temps) dans le M2

Pentes proches de 1
0.8 selon l'horizontale
0.9 selon la verticale

Offset nul selon la
verticale

Offset de 14 cm selon
l'horizontale

