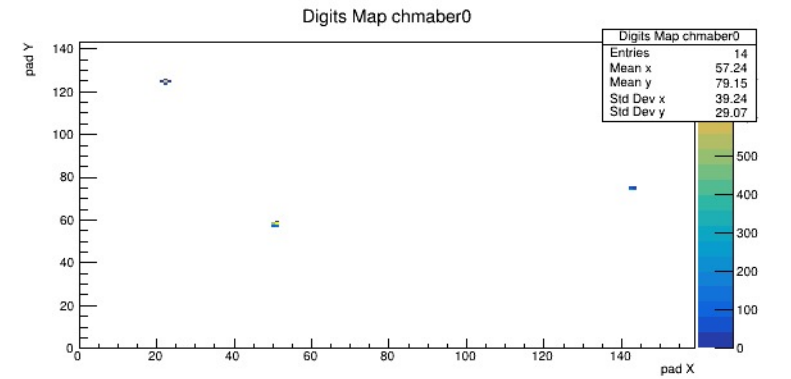
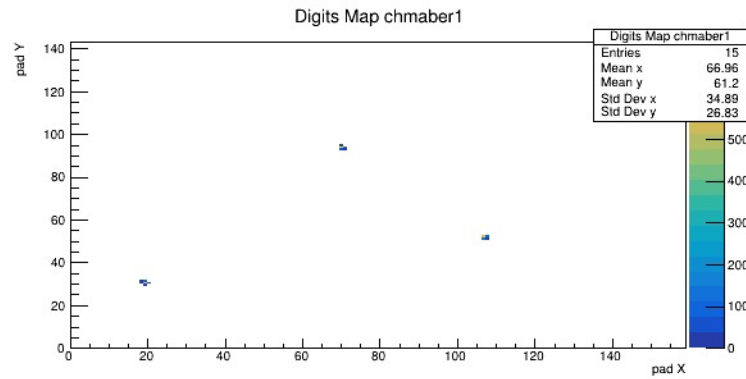
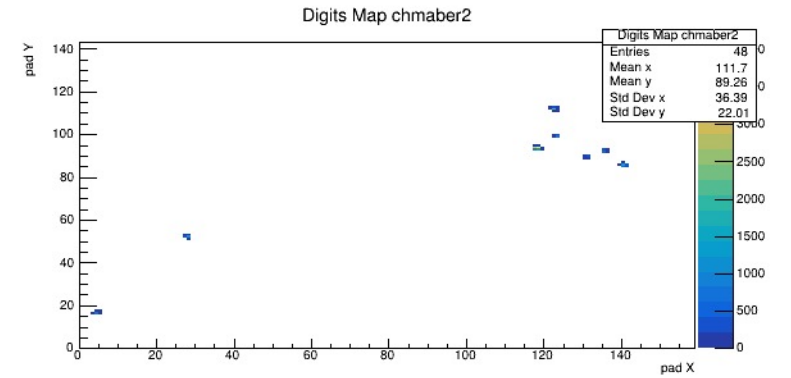
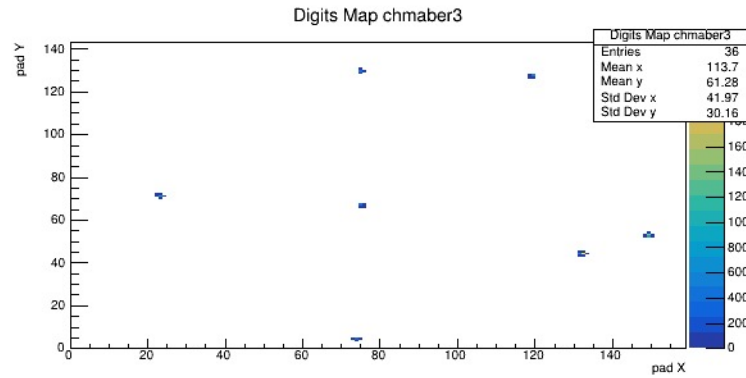
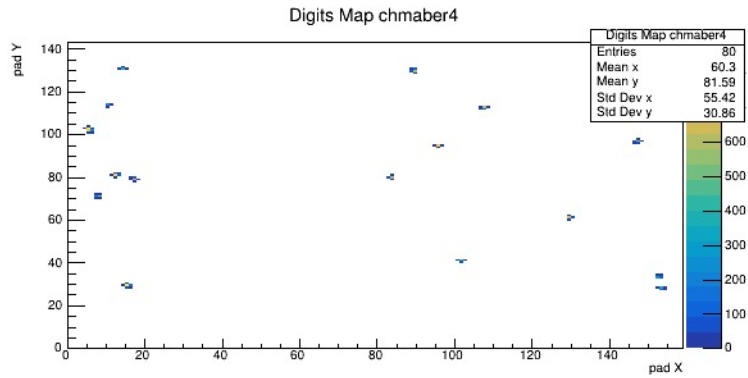
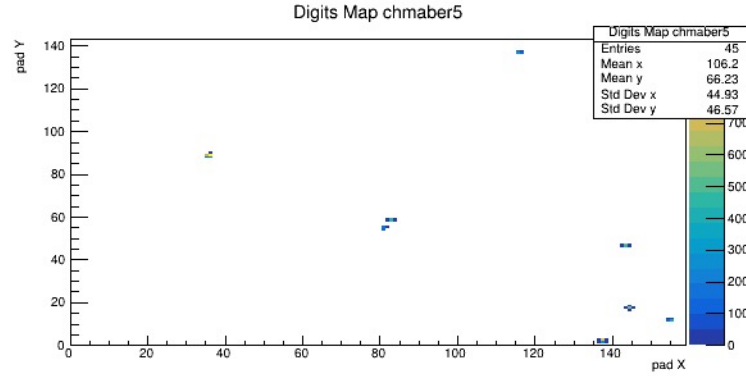
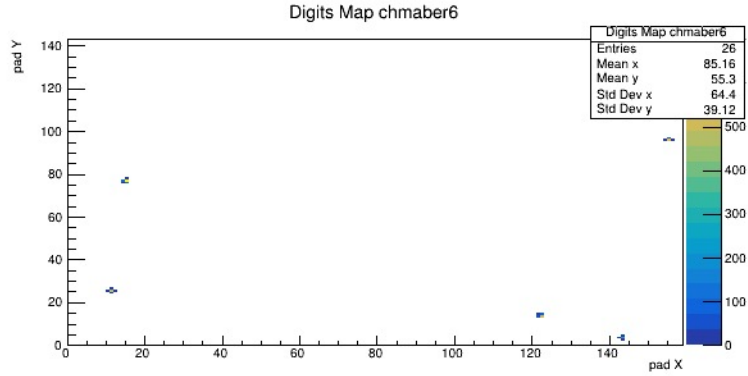


HMPID weekly meeting

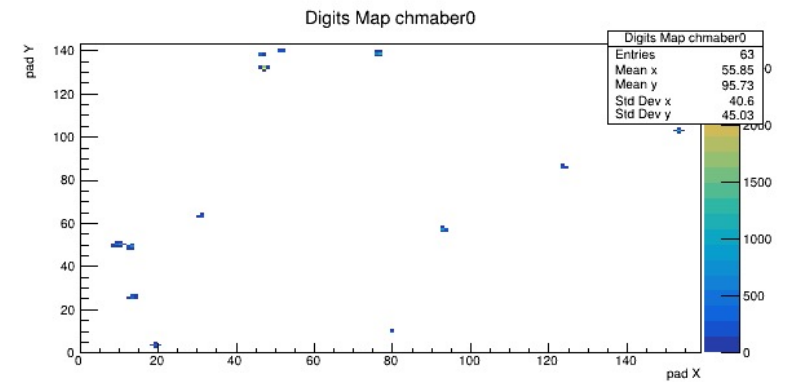
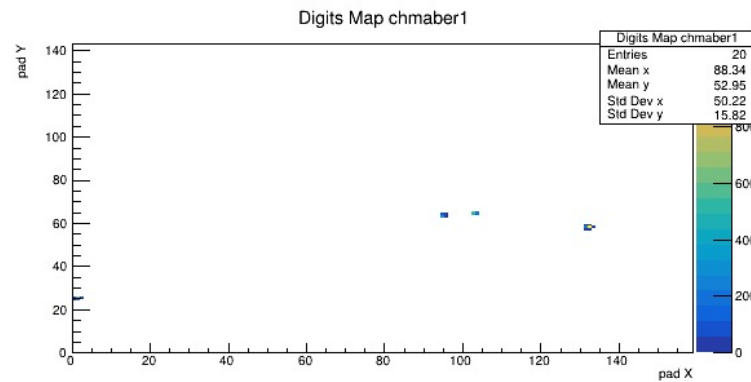
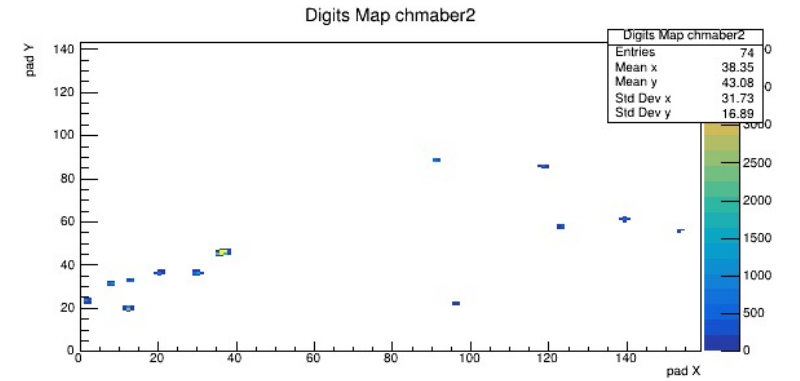
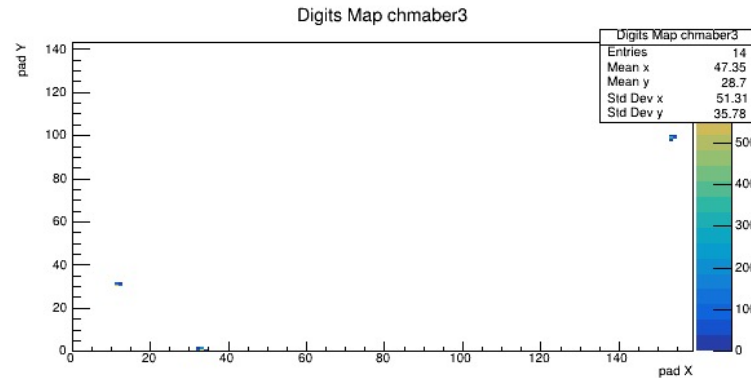
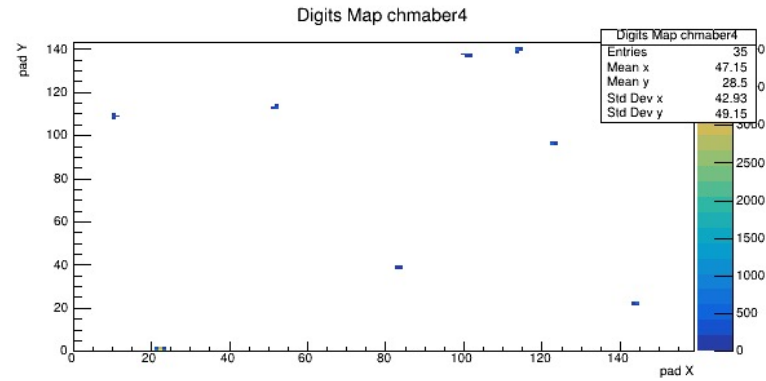
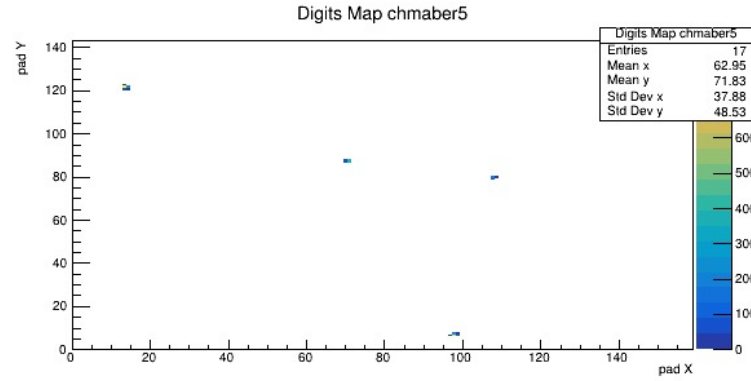
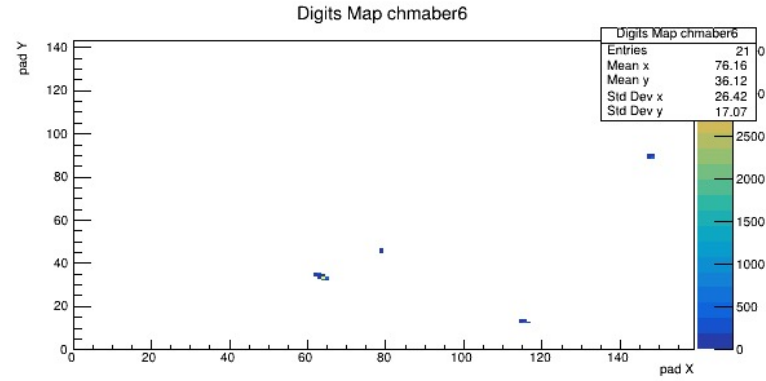
Digits and clusters

13/01/2022

Digits map 1 (simulation)

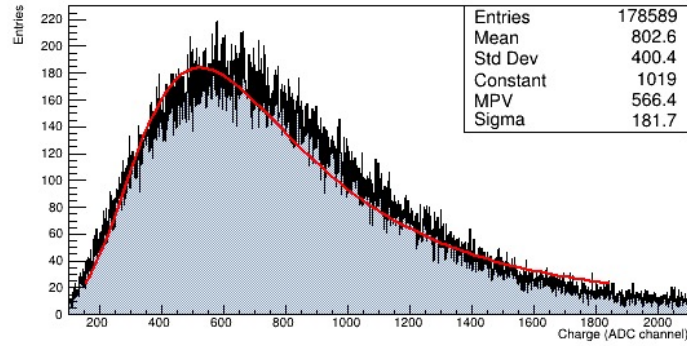


Digits map 2 (simulation)

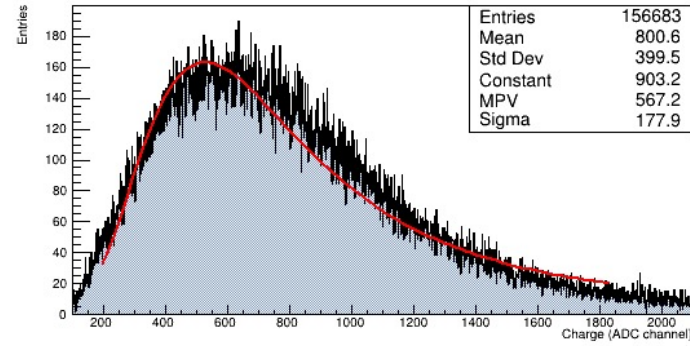


Cluster charge (simulation)

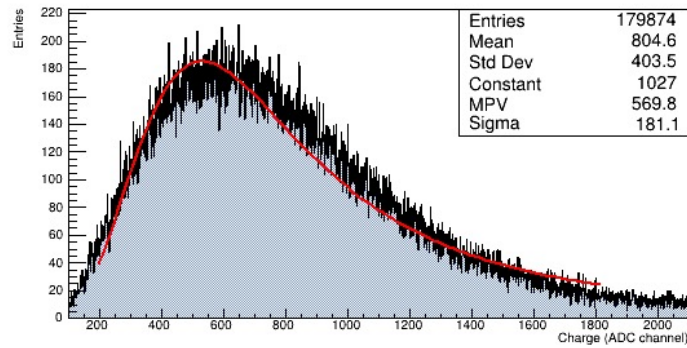
Clusters Charge chmaber6



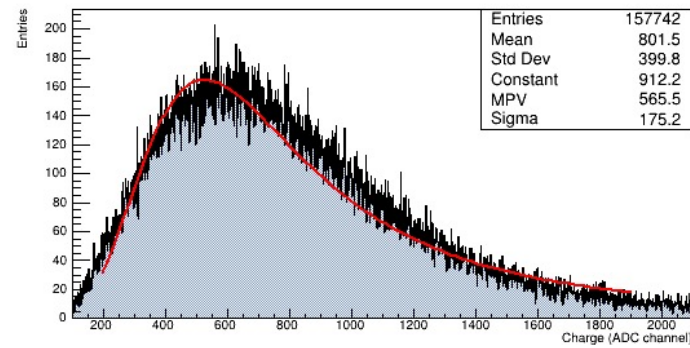
Clusters Charge chmaber5



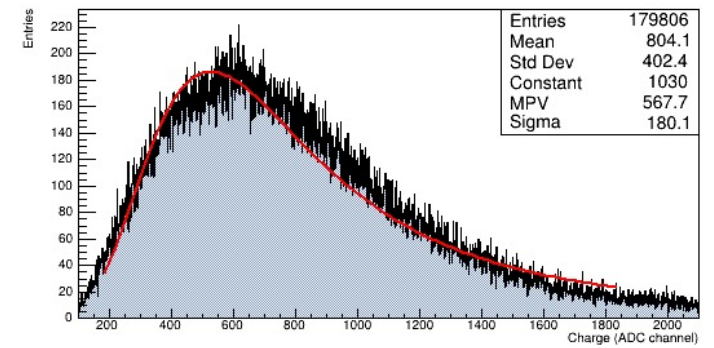
Clusters Charge chmaber4



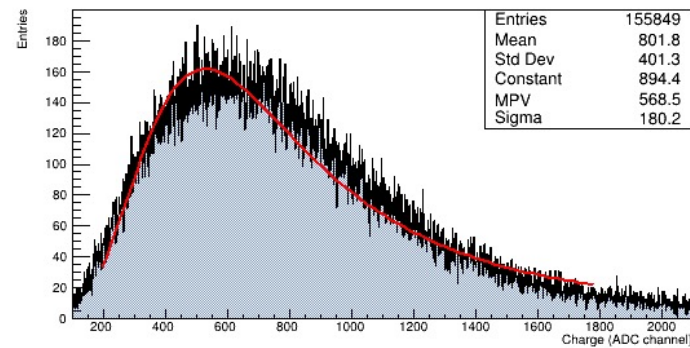
Clusters Charge chmaber3



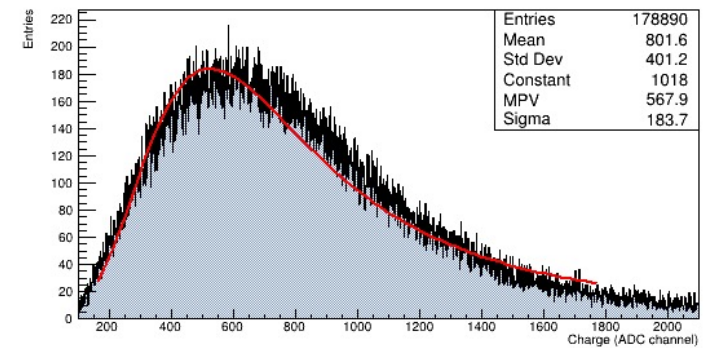
Clusters Charge chmaber2



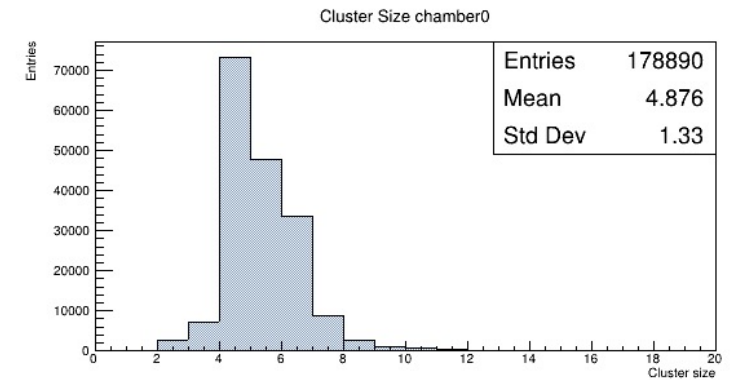
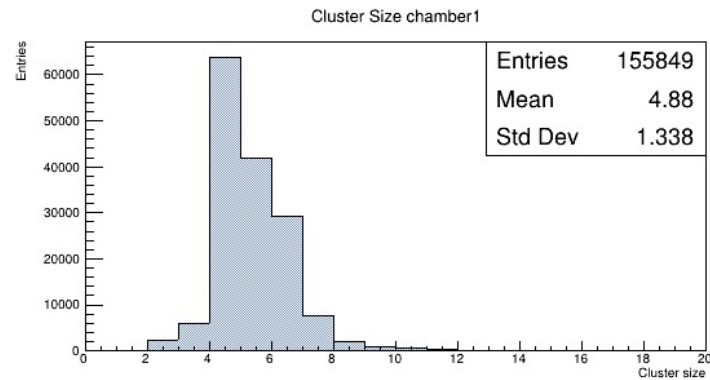
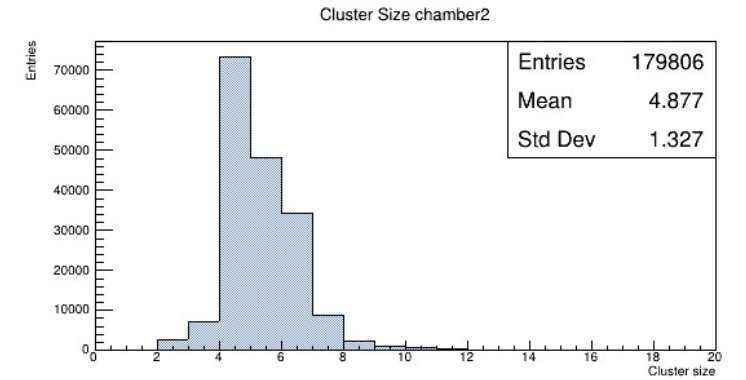
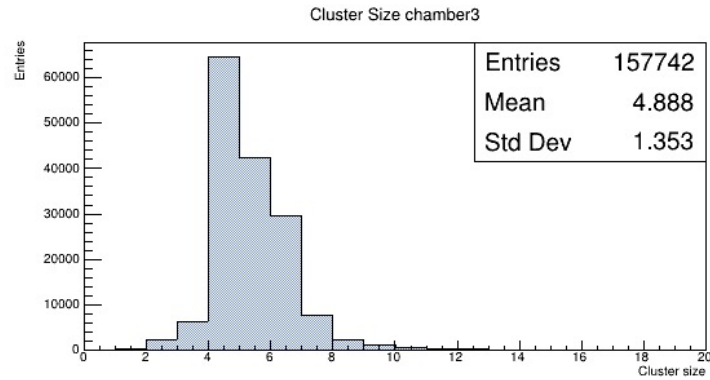
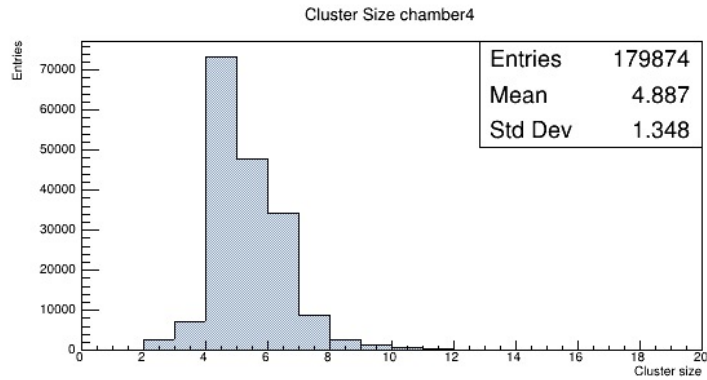
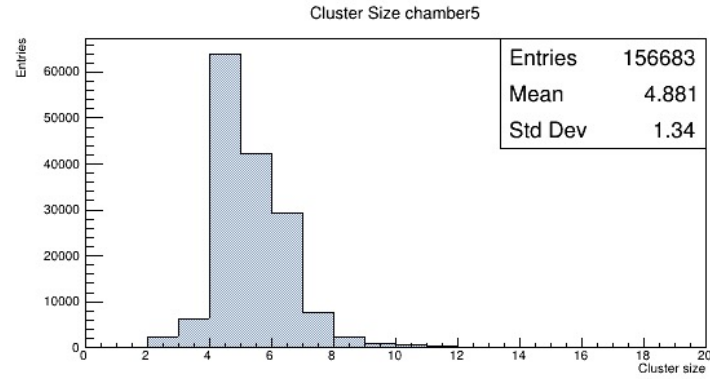
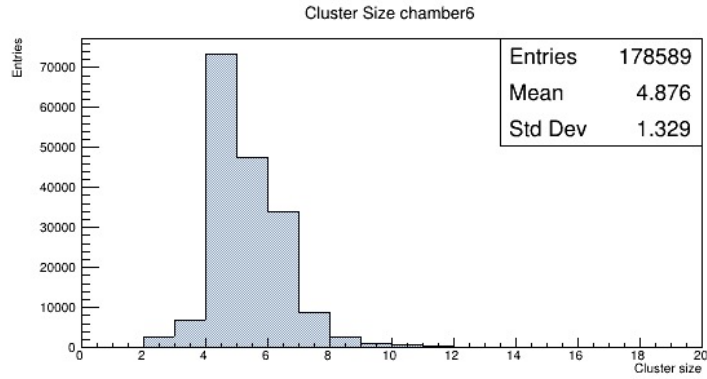
Clusters Charge chmaber1



Clusters Charge chmaber0



Cluster size (simulation)



Conclusion

- Clusterization implemented and tested (on simulated data): seems to work properly!
- Code will be ported asap on the official repository
- Cherenkov photons not produced in the simulation: investigation is ongoing.
- What next:
 - reconstruct real data
 - Implement Cherenkov angle reconstruction