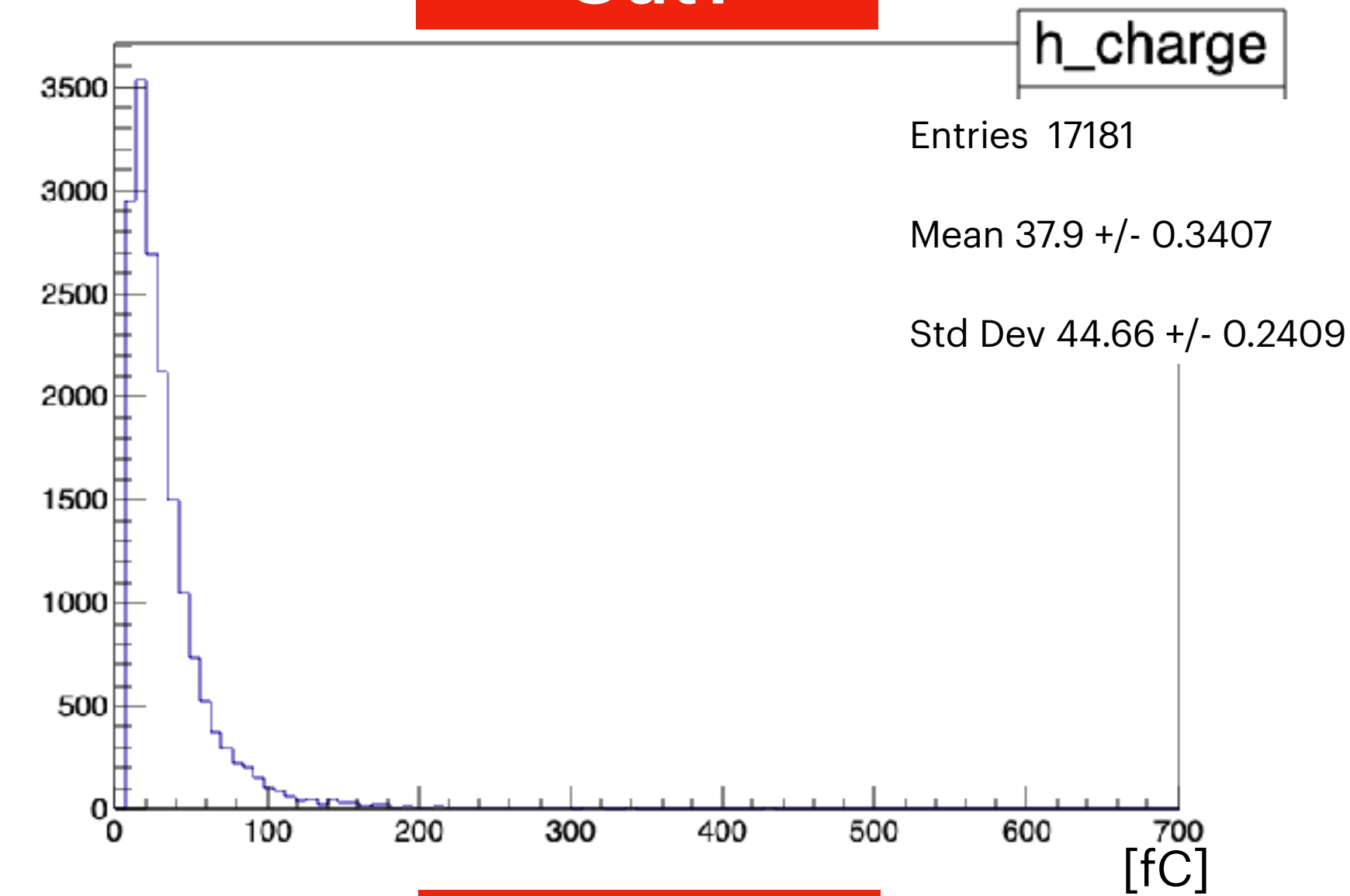


# APV and TIGER Acquisition

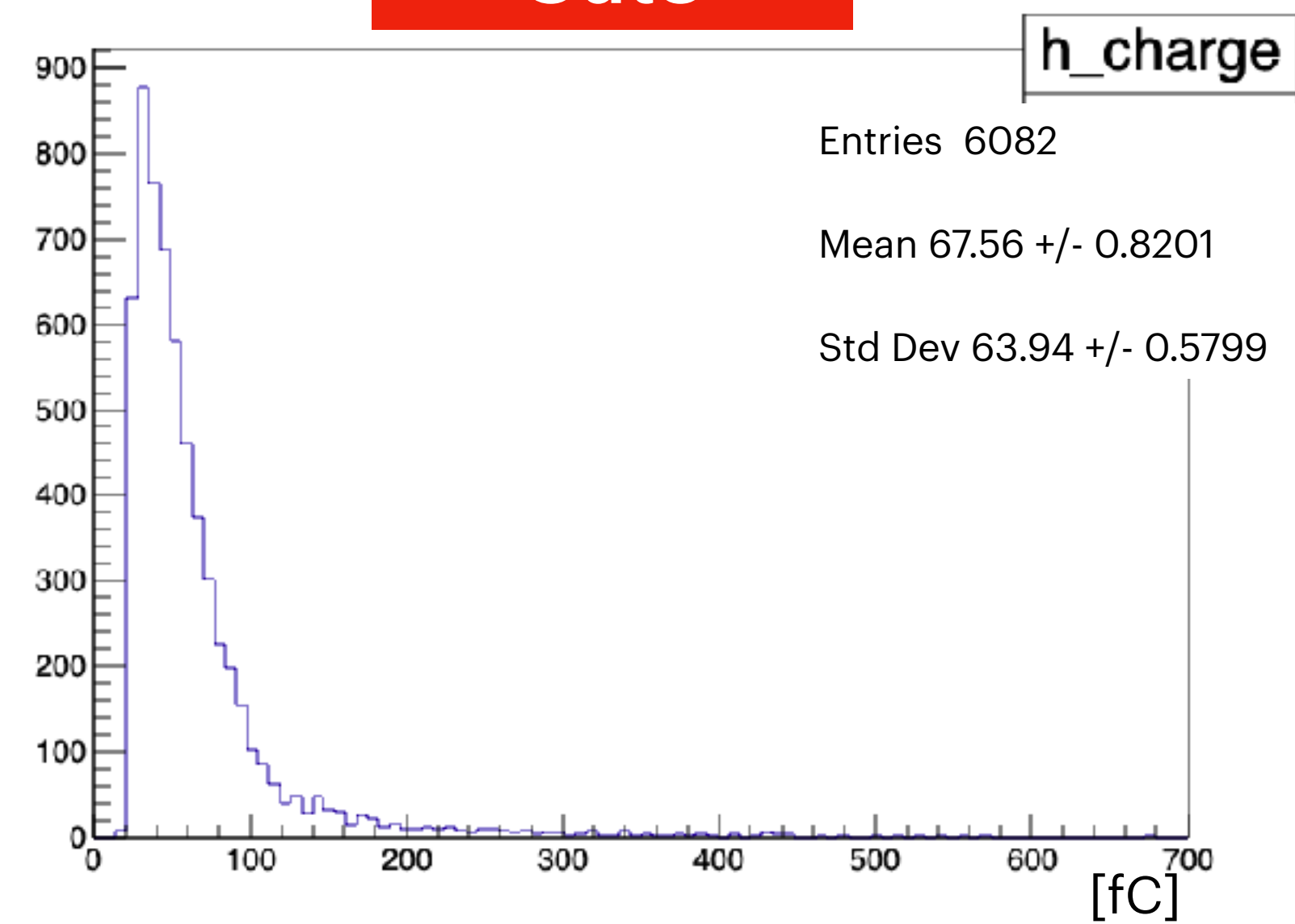
- Analysis of APV acquisition with 5 different cuts and GEMs at 360V;
- Analysis of Tiger acquisition with 5 different cuts and GEMs at 360V.

# Cluster\_Charge Apv Acquisition, HV 360V

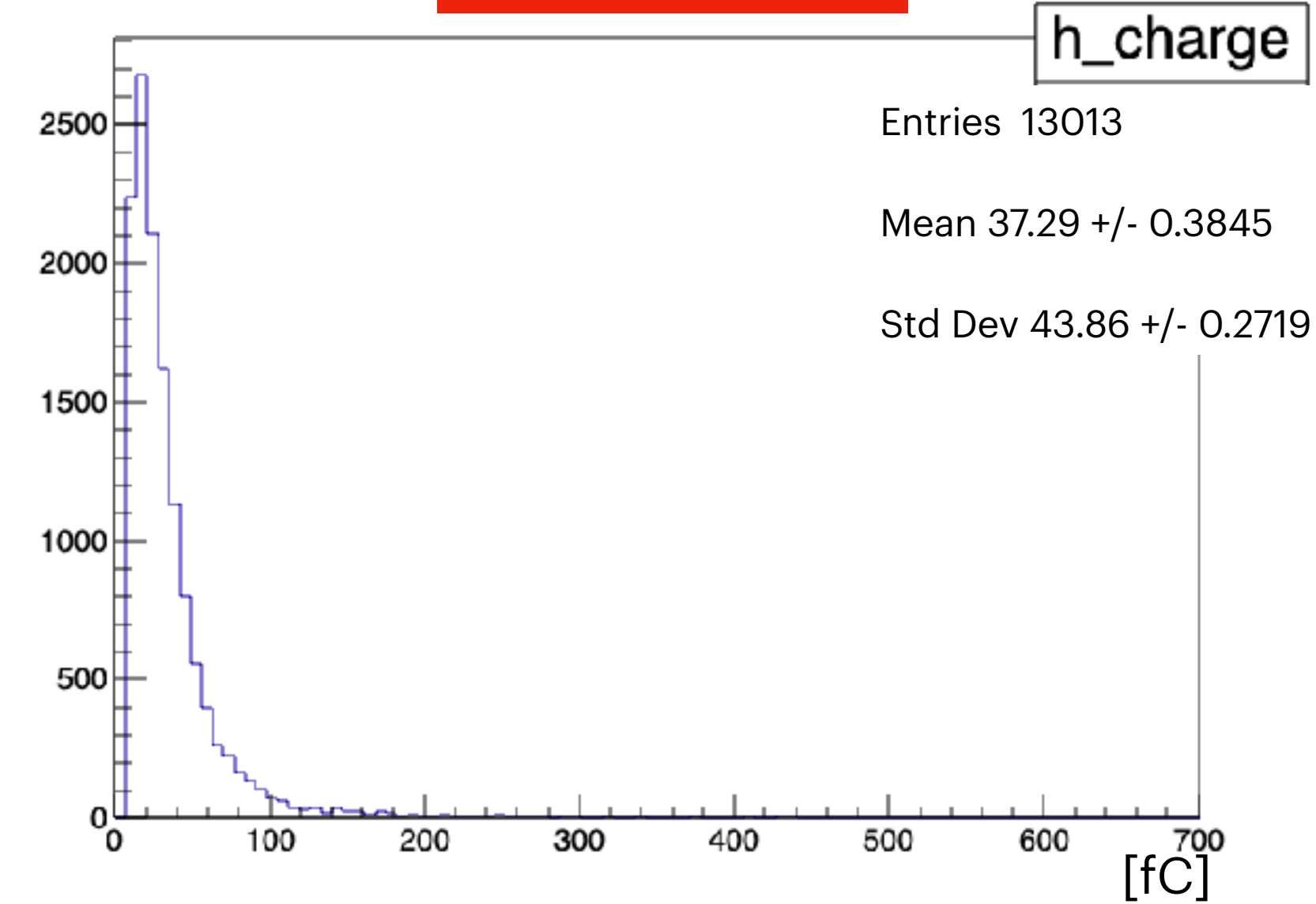
Cut1



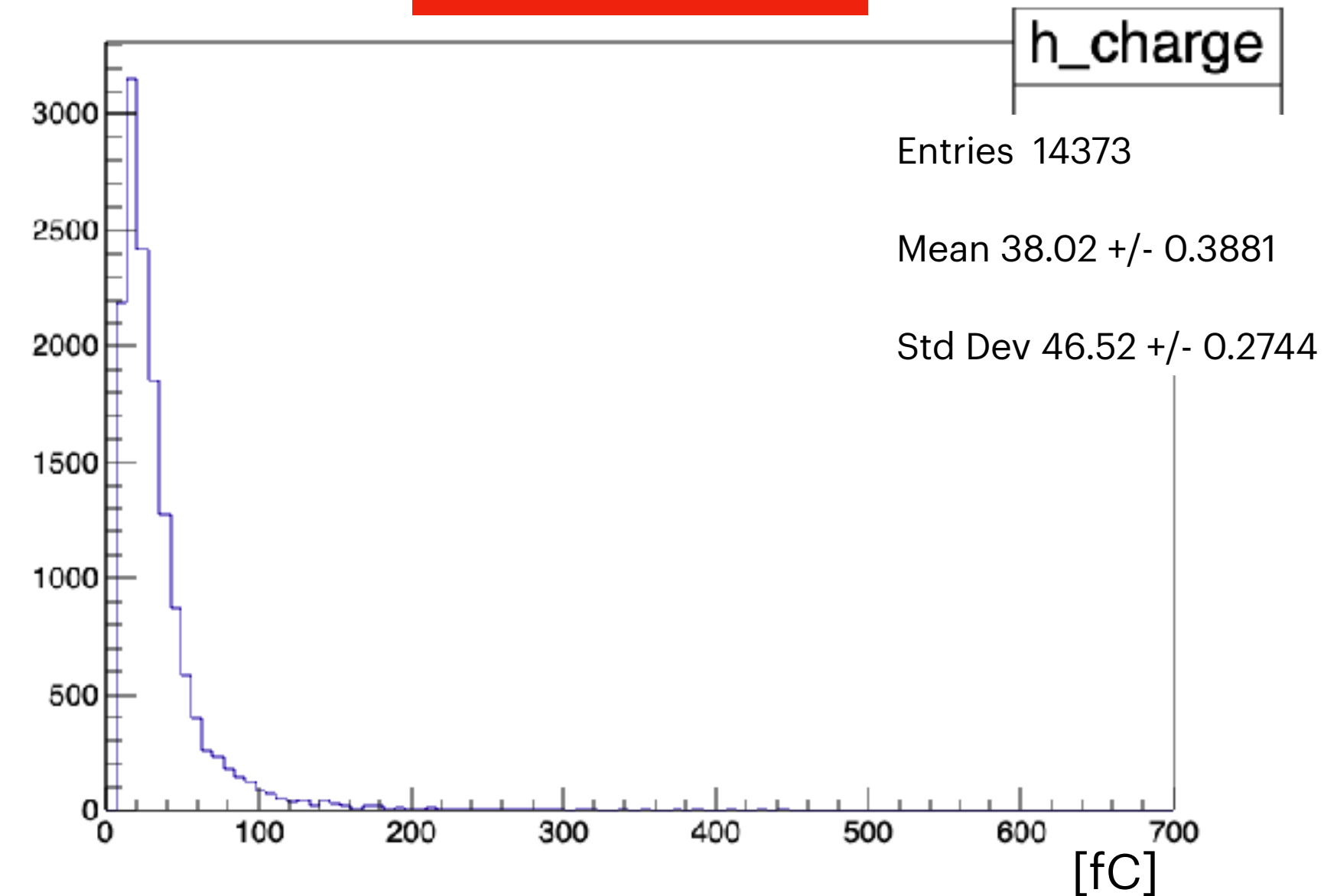
Cut3



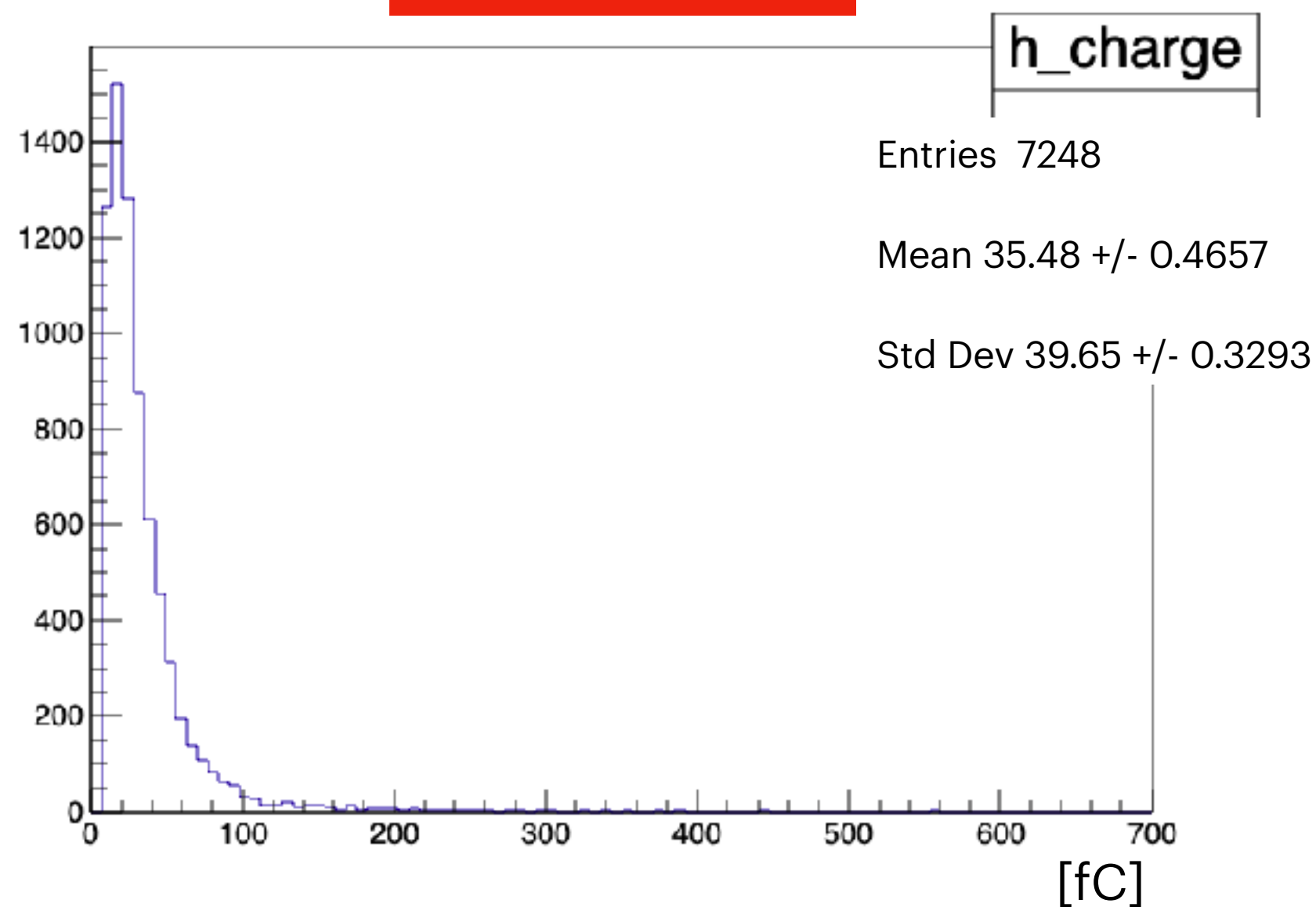
Cut5



Cut2



Cut4



**Cut1:** At least events detected by chamber 2;

**Cut2:** Chamber2's events seen from view X and Y;

**Cut3:** At least events detected by chamber 2, and GemCluster1d\_nHiit >1;

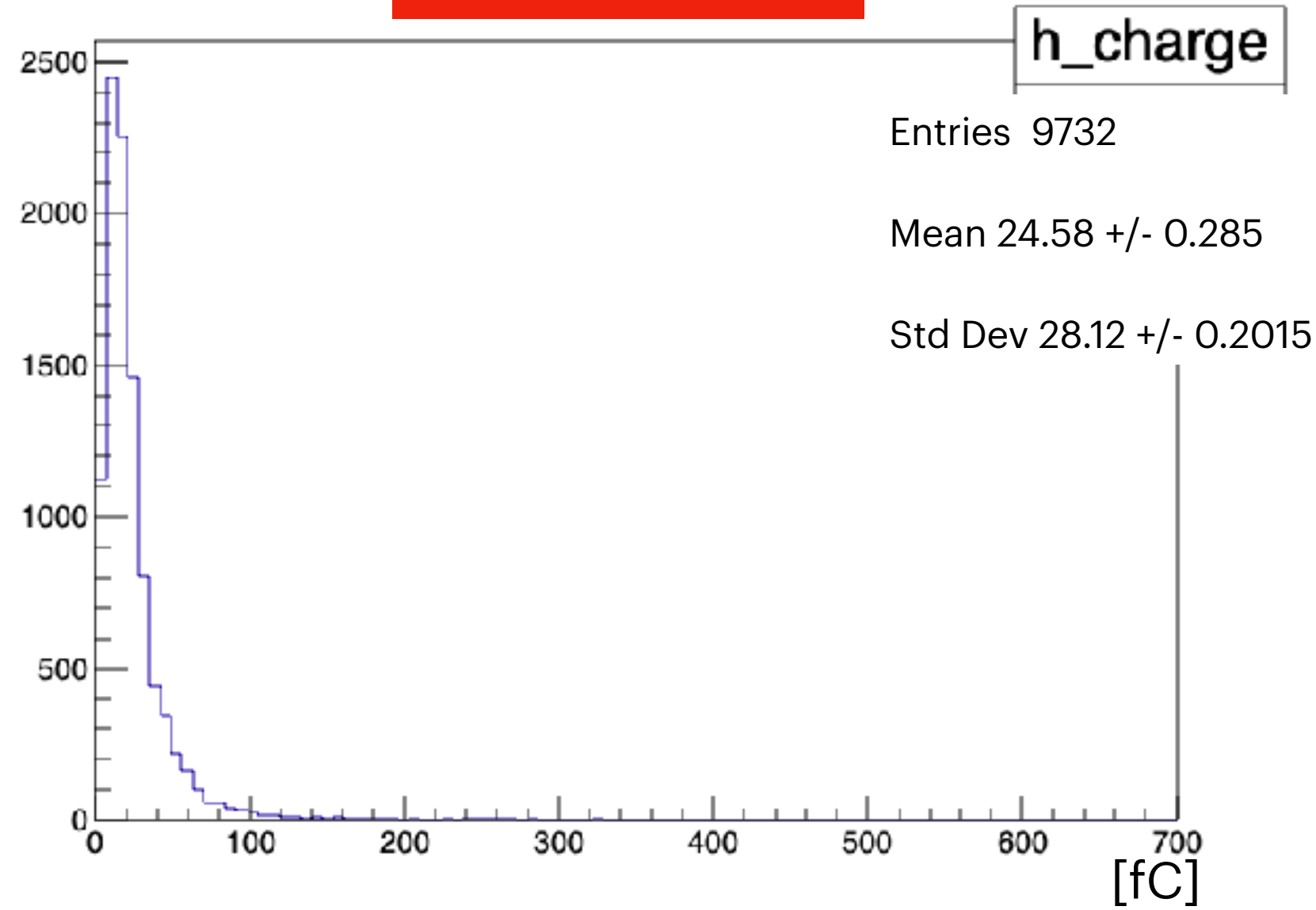
**Cut4:** At least events detected by chambers 1, 2 and 3;

**Cut5:** At least events detected by chambers 2 and 3;

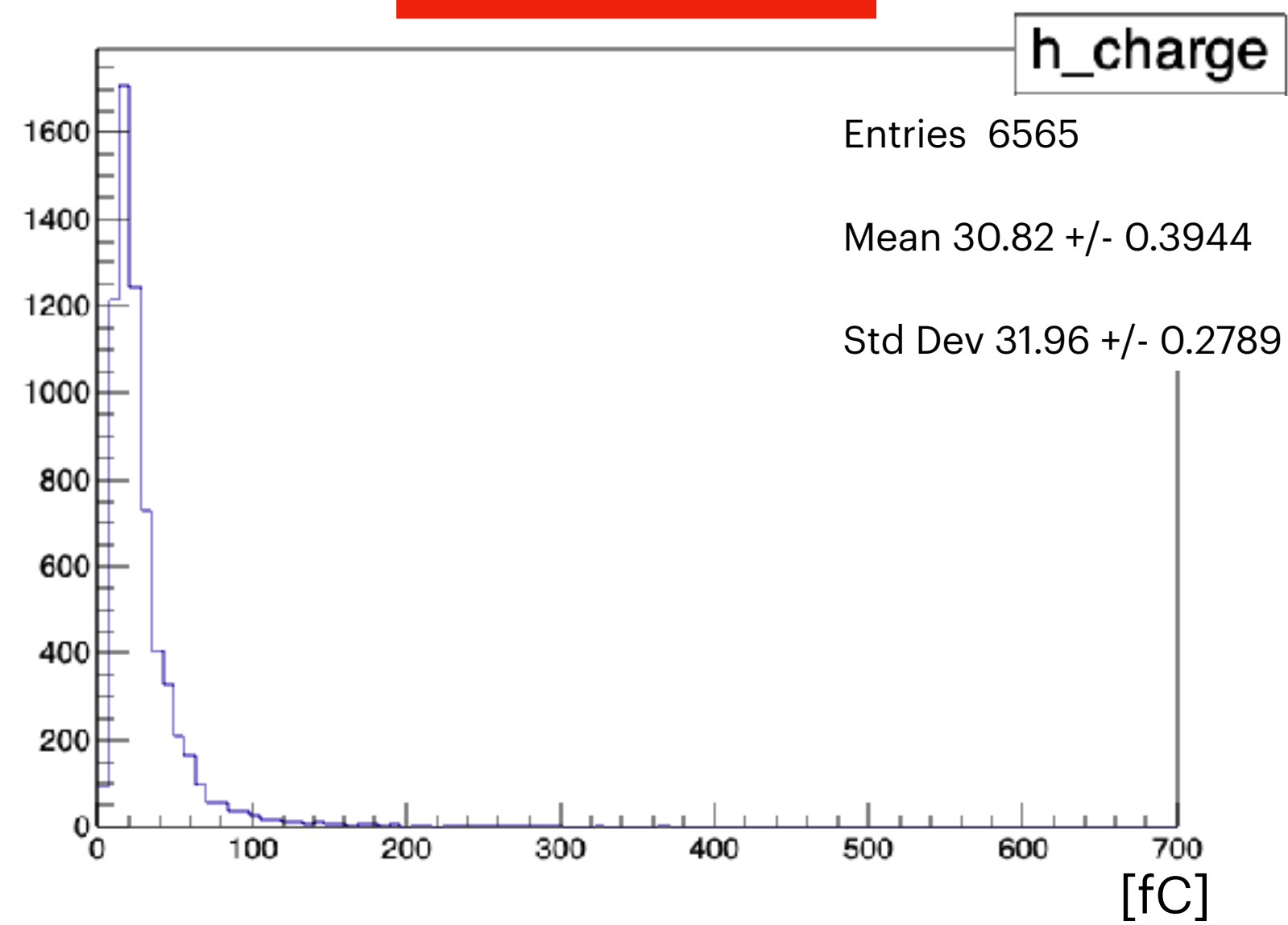
Unit of Measure of charge : [fC]

# Cluster\_Charge Tiger Acquisition, HV 360V

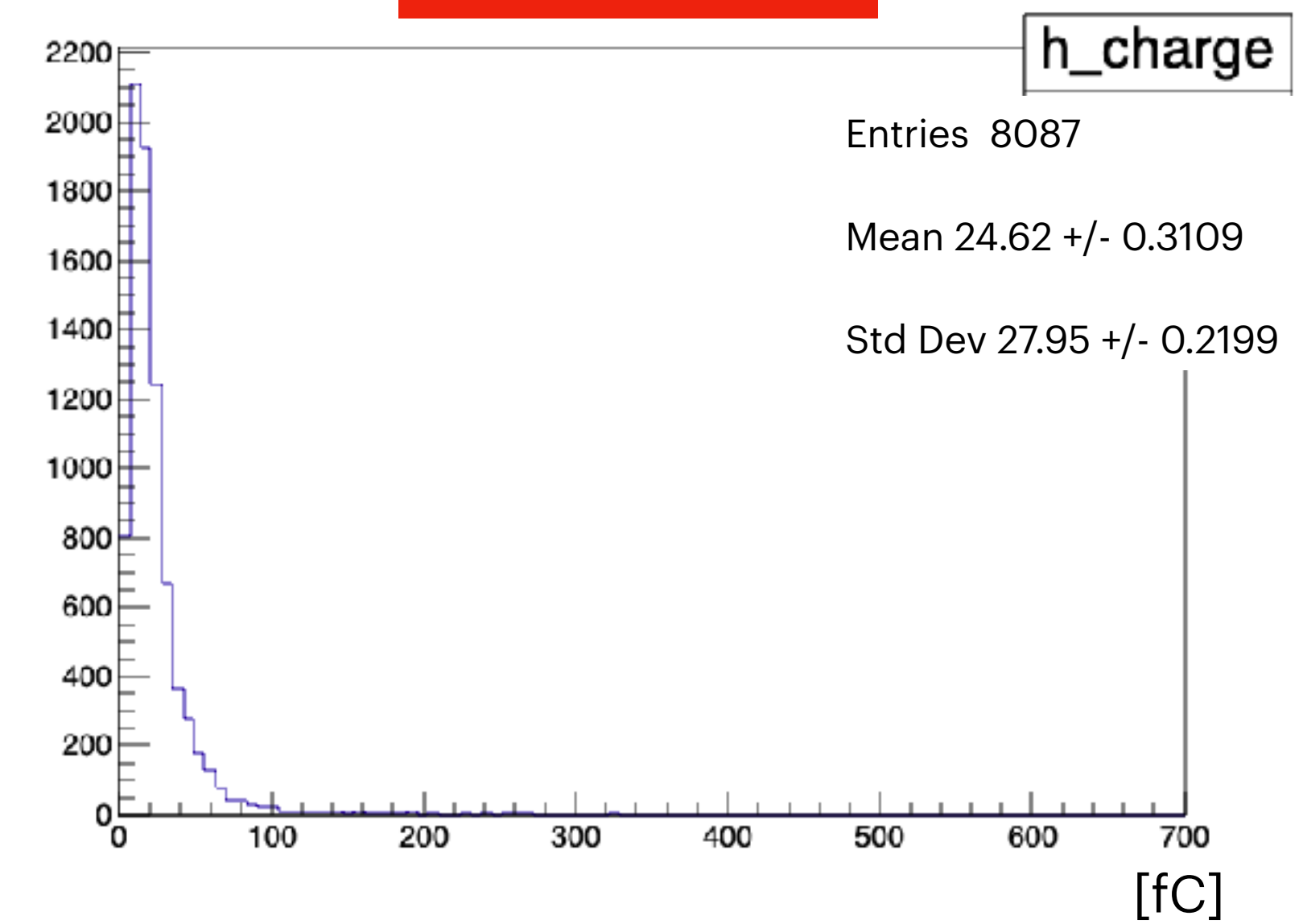
**Cut1**



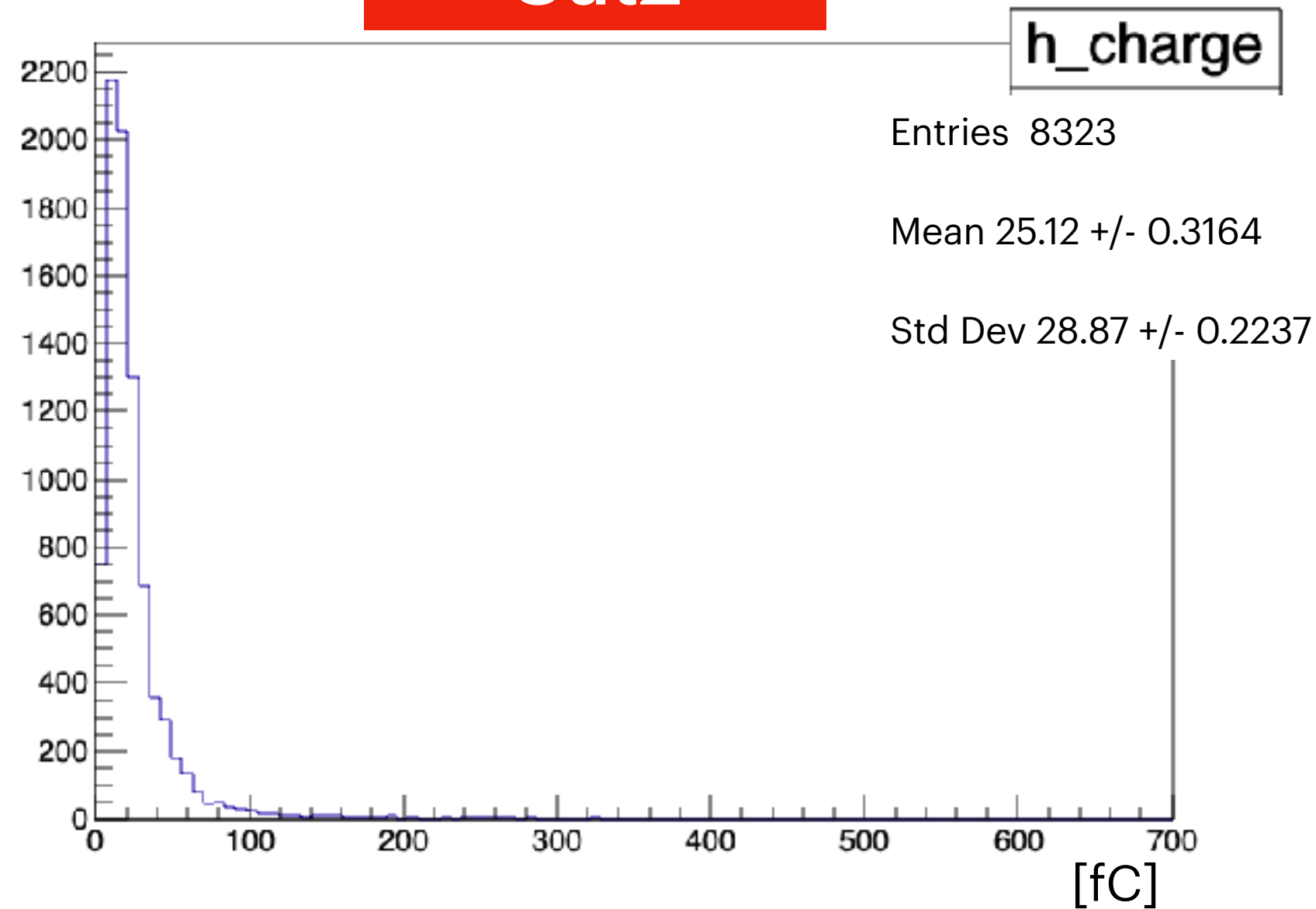
**Cut3**



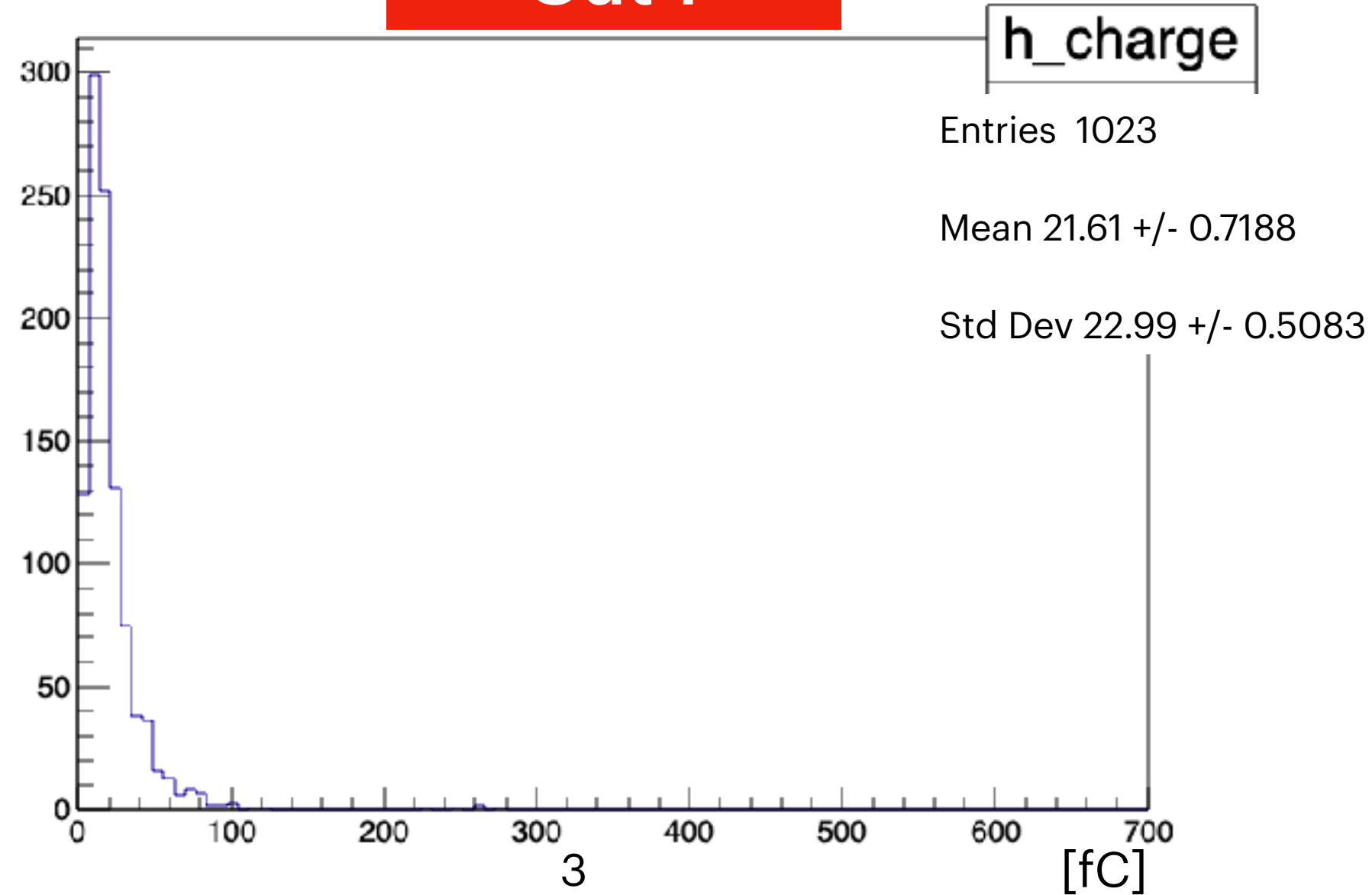
**Cut5**



**Cut2**



**Cut4**



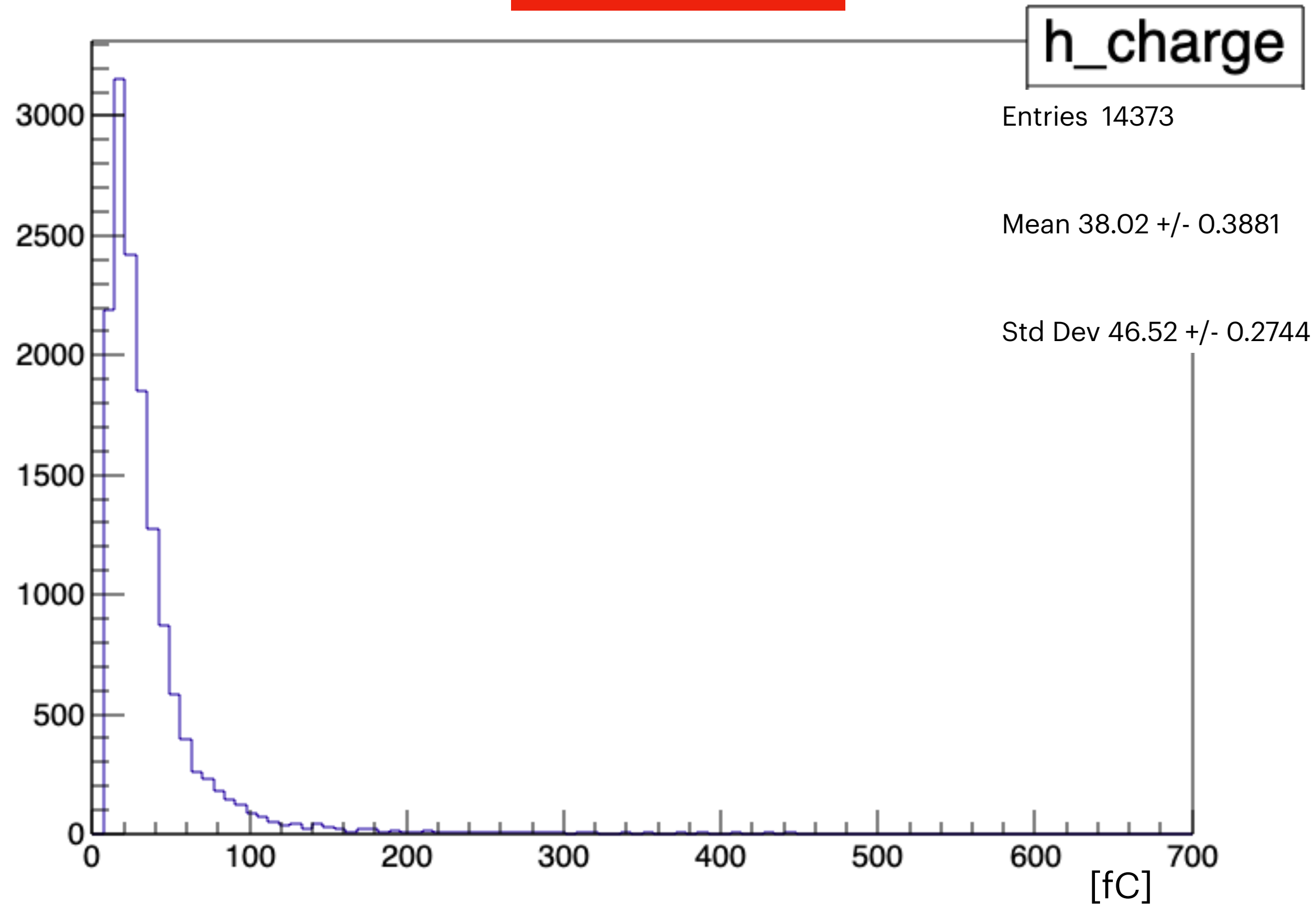
- Cut1:** At least events detected by chamber 2;
  - Cut2:** Chamber2's events seen from view X and Y;
  - Cut3:** At least events detected by chamber 2, and GemCluster1d\_nHiit >1;
  - Cut4:** At least events detected by chambers 1, 2 and 3;
  - Cut5:** At least events detected by chambers 2 and 3;
- Unit of Measure of charge : [fC]

# Cut2: Chamber2's events seen from view X and Y

Unit of Measure of charge : [fC]

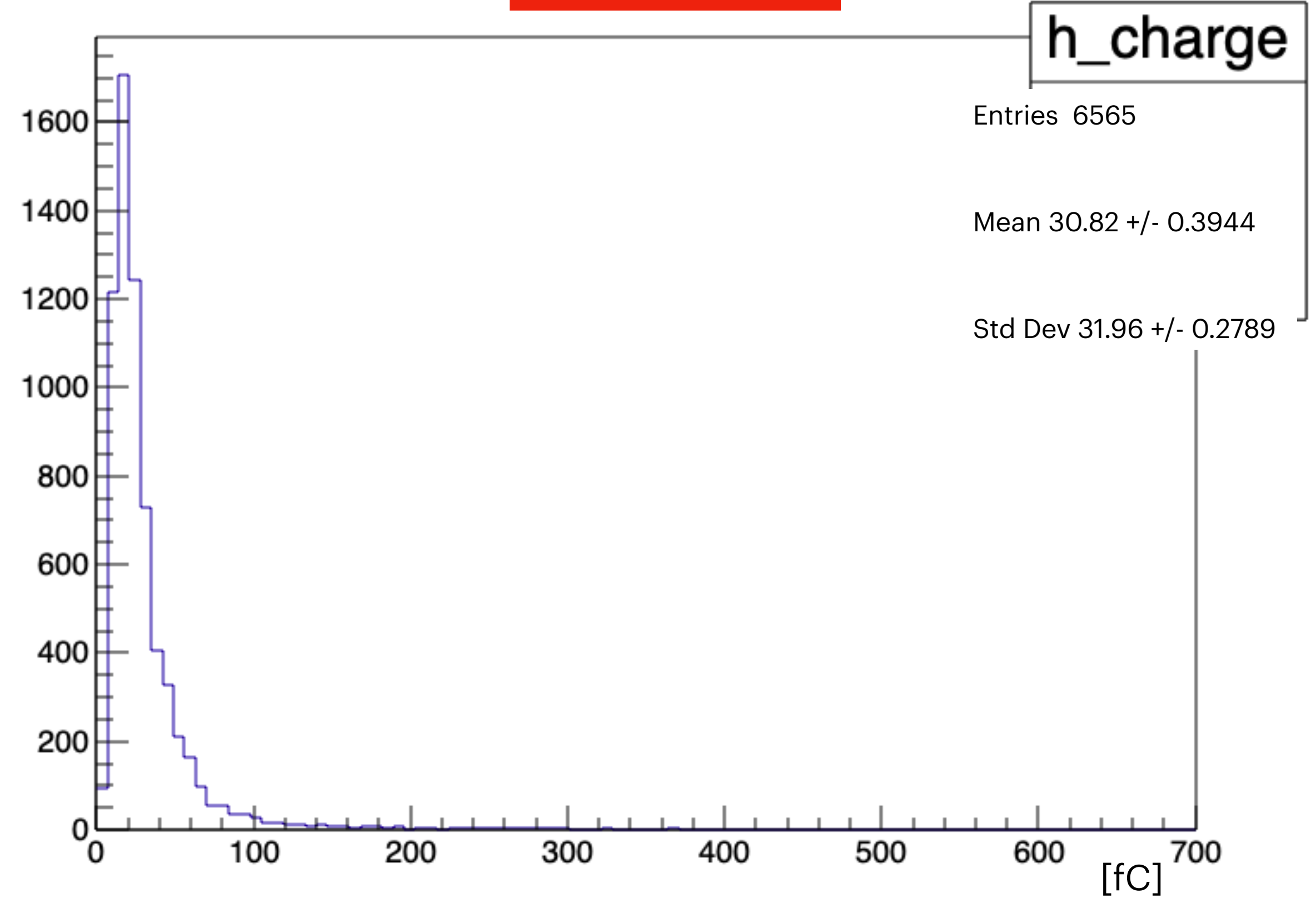
## Cluster\_Charge APV Acquisition

Cut2



## Cluster\_Charge Tiger Acquisition

Cut2



# Comments:

- **Results** observed with **cuts** on select events (except cut2), both for **APV and TIGER** acquisition, are **similar**;
- Apv and Tiger acquisition **didn't present big difference in charge**, except the results with the cut3 (At least events detected by chamber 2, and GemCluster1d\_nHiit >1);
- The charge is measured in fC.