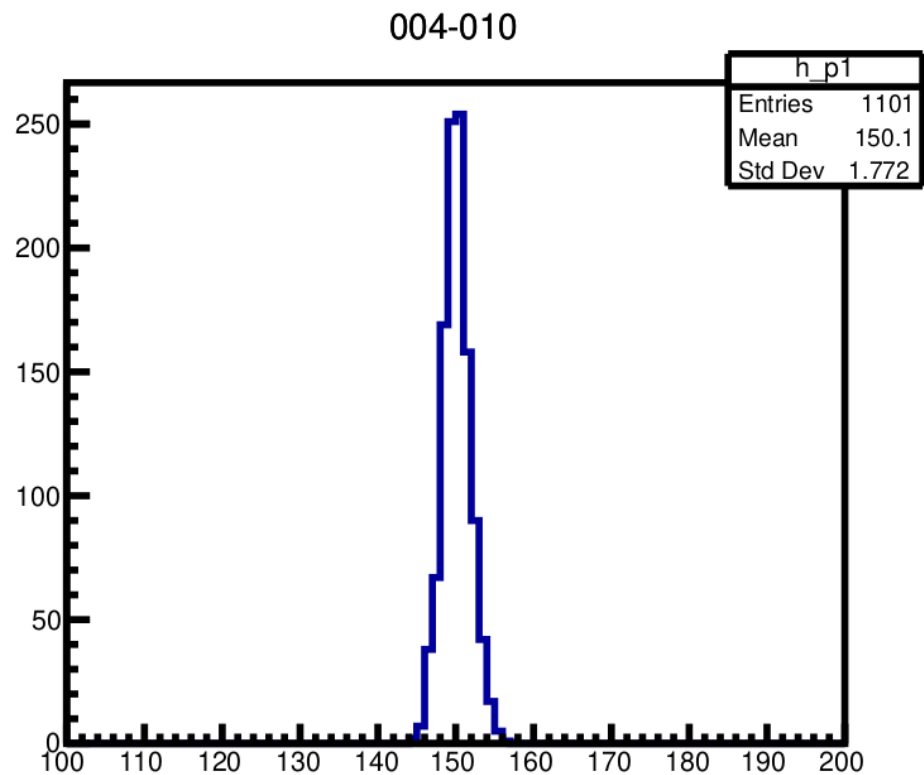
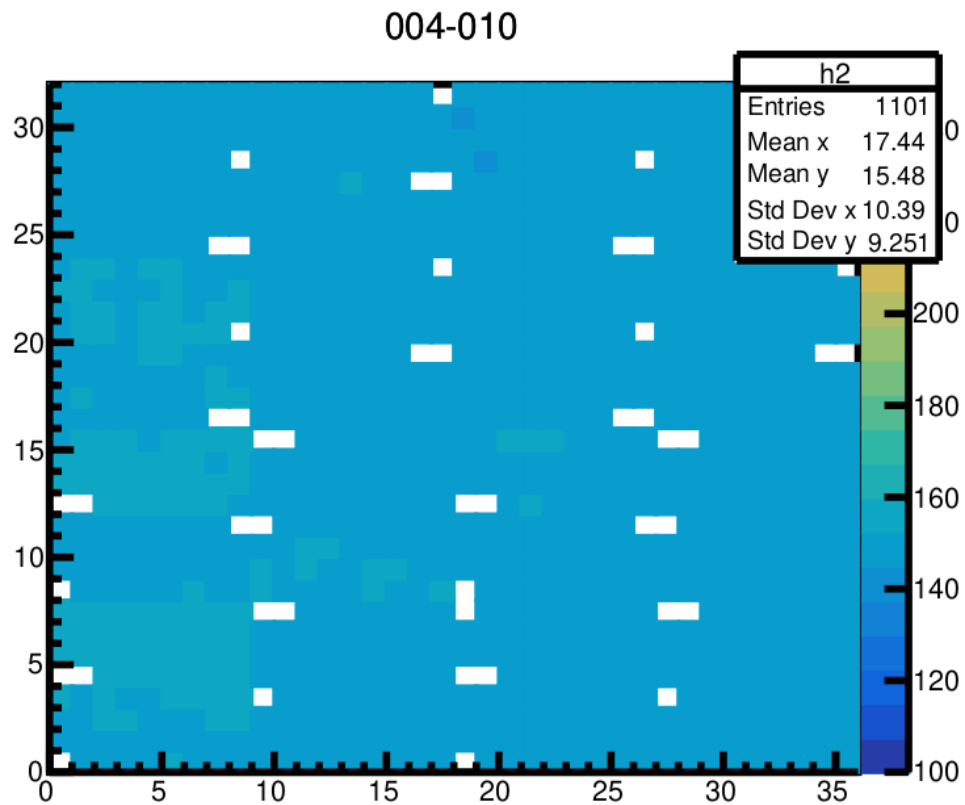


Electronics calibration data analysis

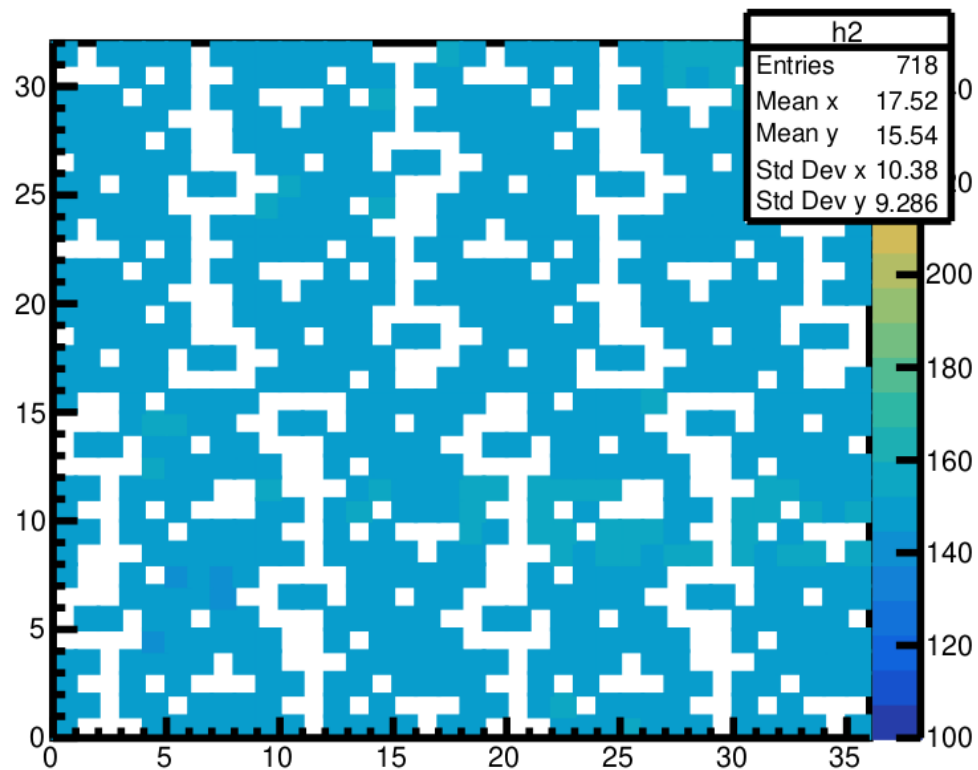
- The principle is to go through each pad of the FEC and find if there is a calibration signal,
- Each corresponding peak is then identified by the algorithm,
- The latter fits each peak thanks to a Gaussian function,
- The mean of each Gaussian distribution is then plotted as a function of the number of peaks
- The slope of the affine functions obtained are then plotted for each pad in a 2D map,

004-010

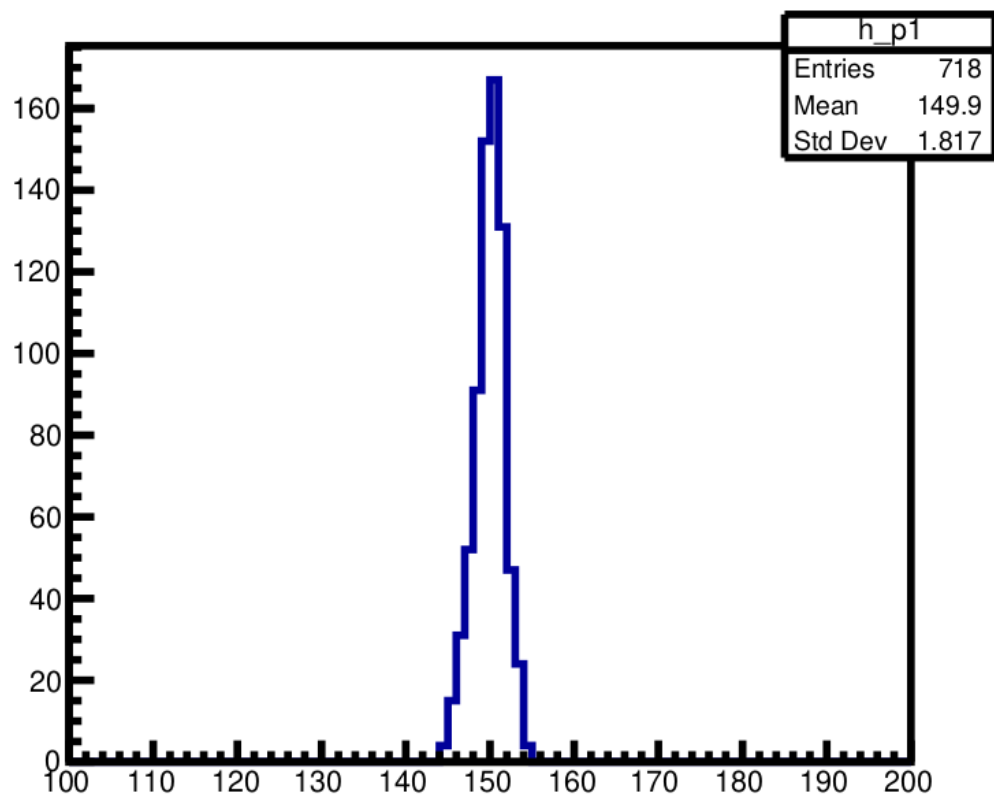


007-008

007-008

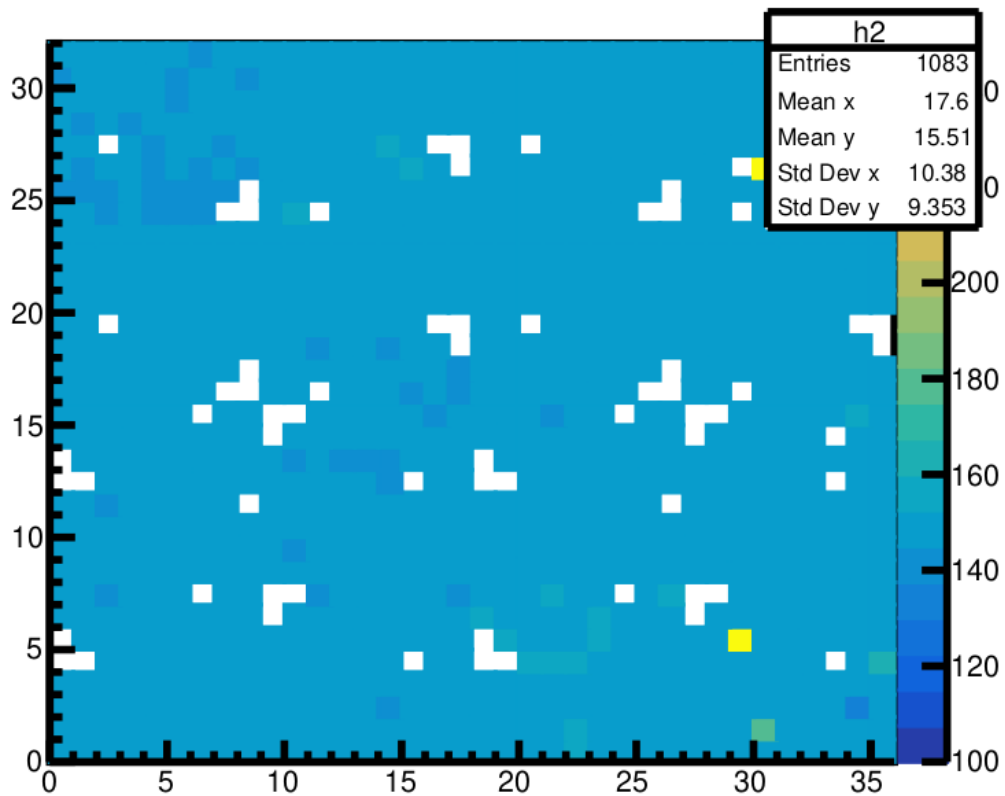


007-008

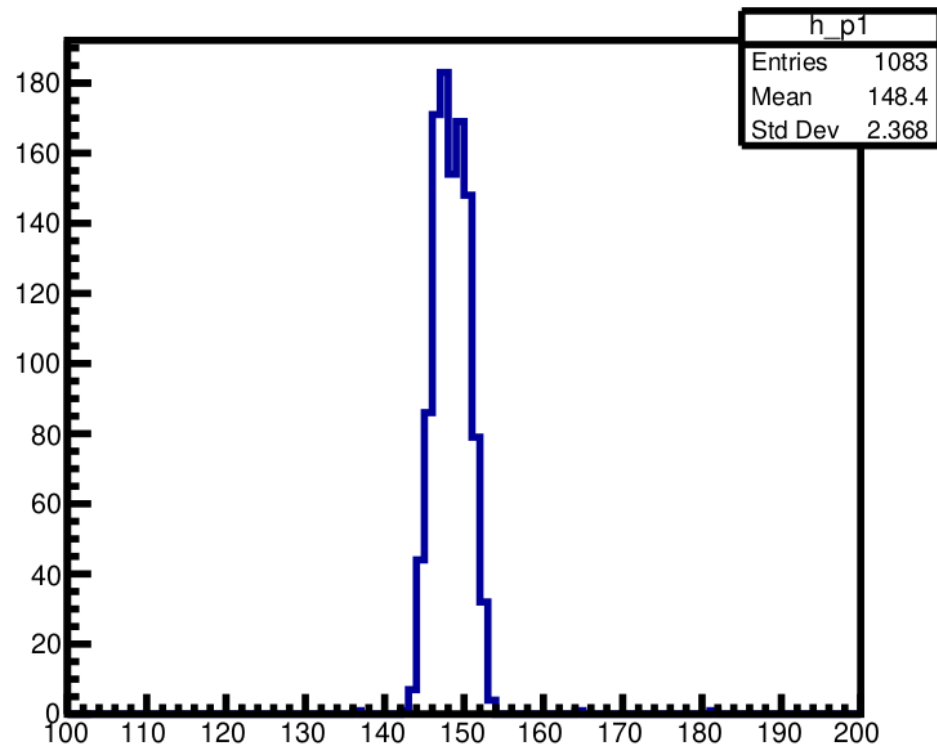


019-032

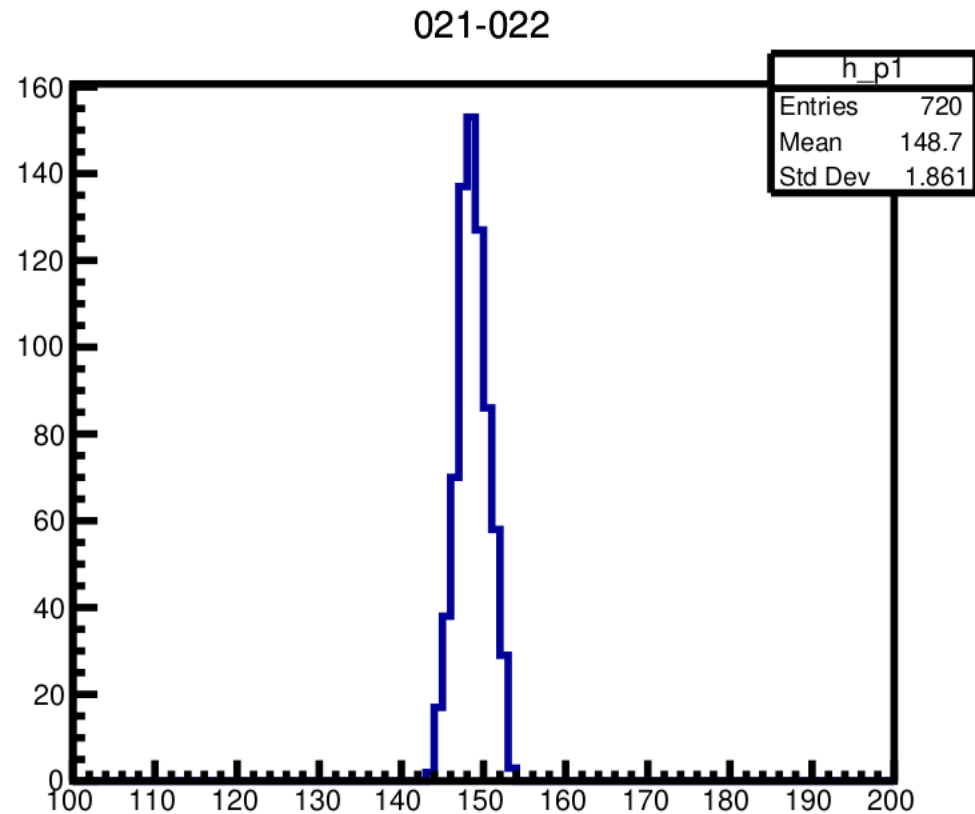
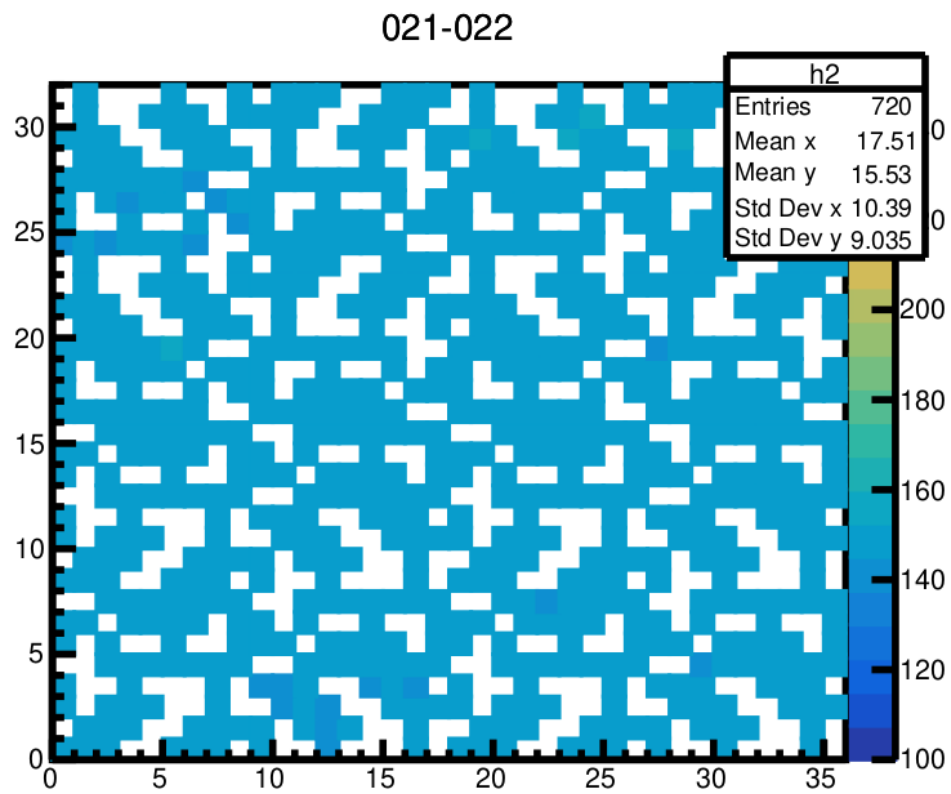
019-032



019-032

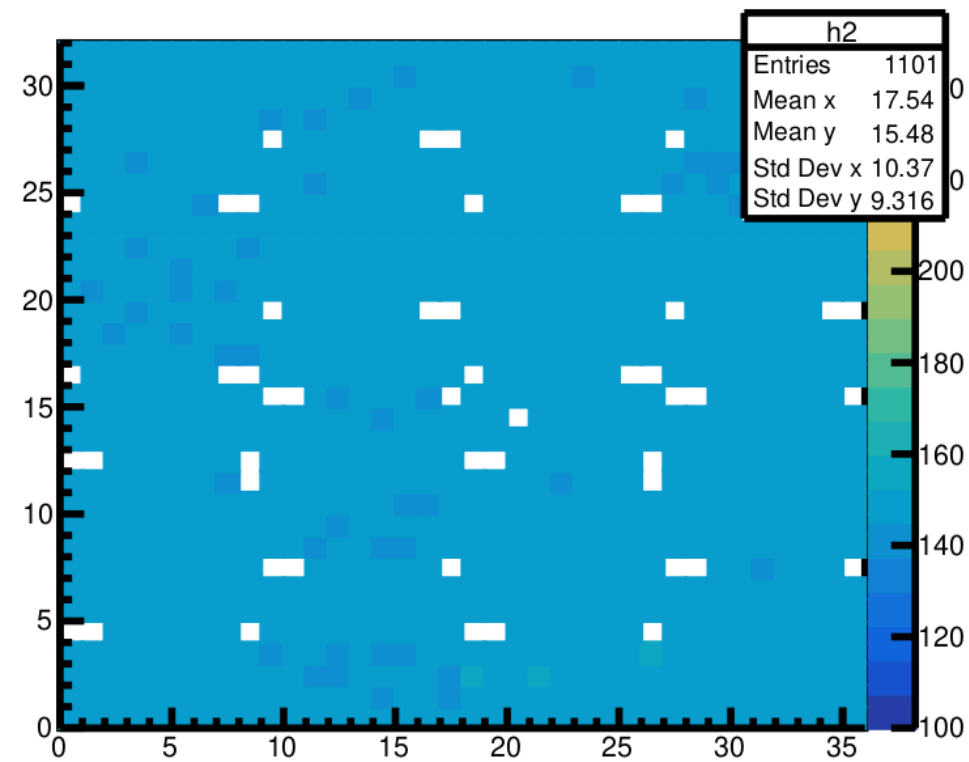


021-022

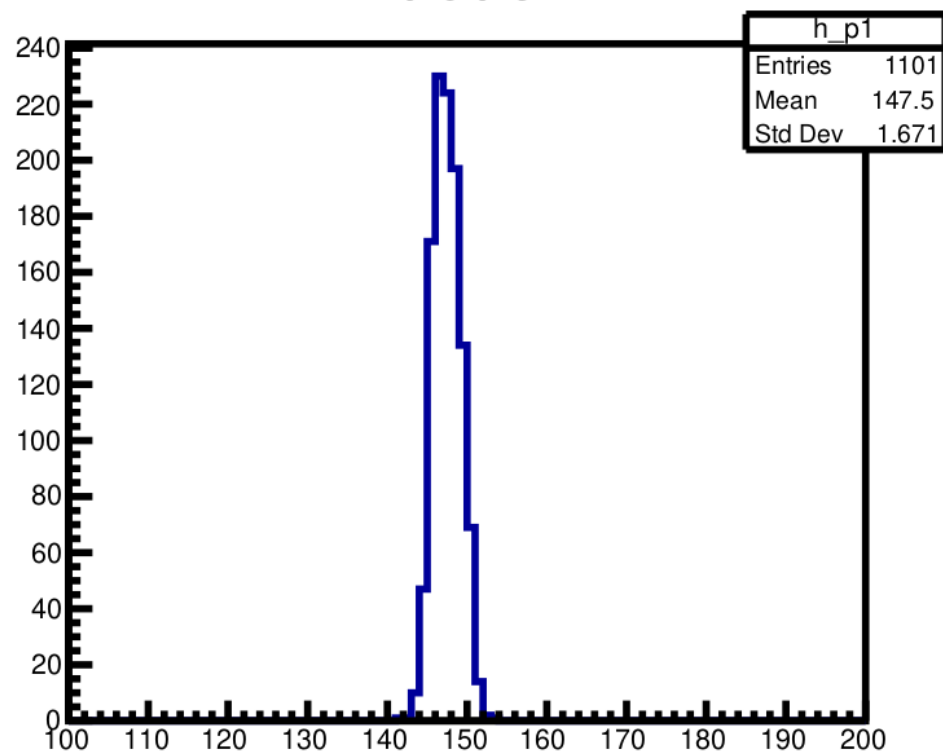


028-023

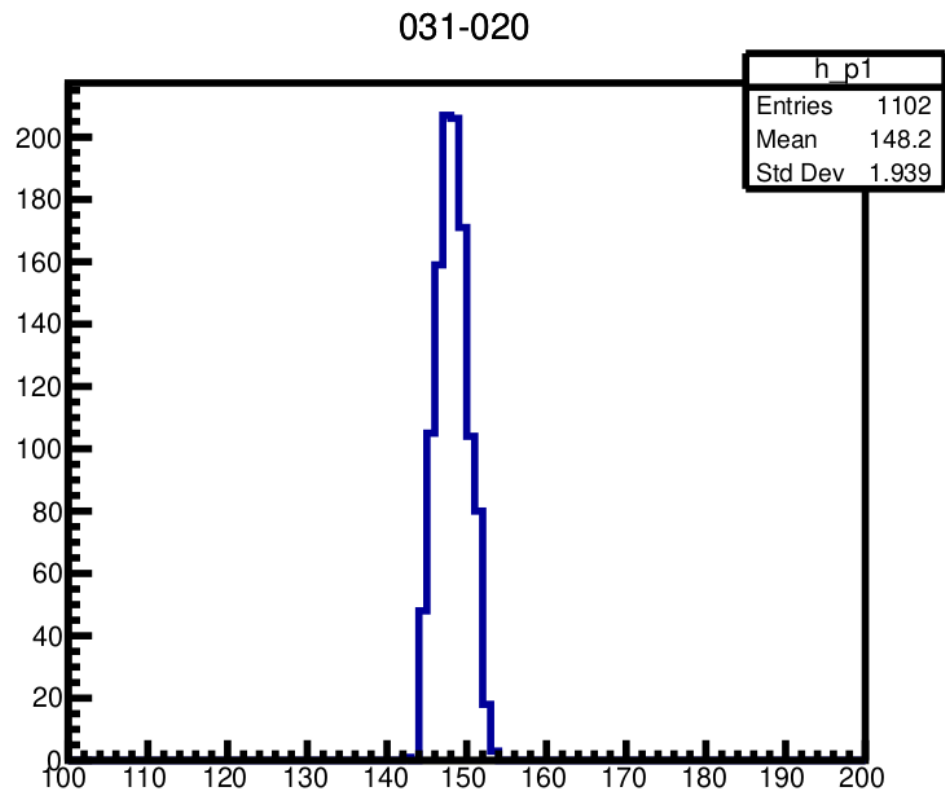
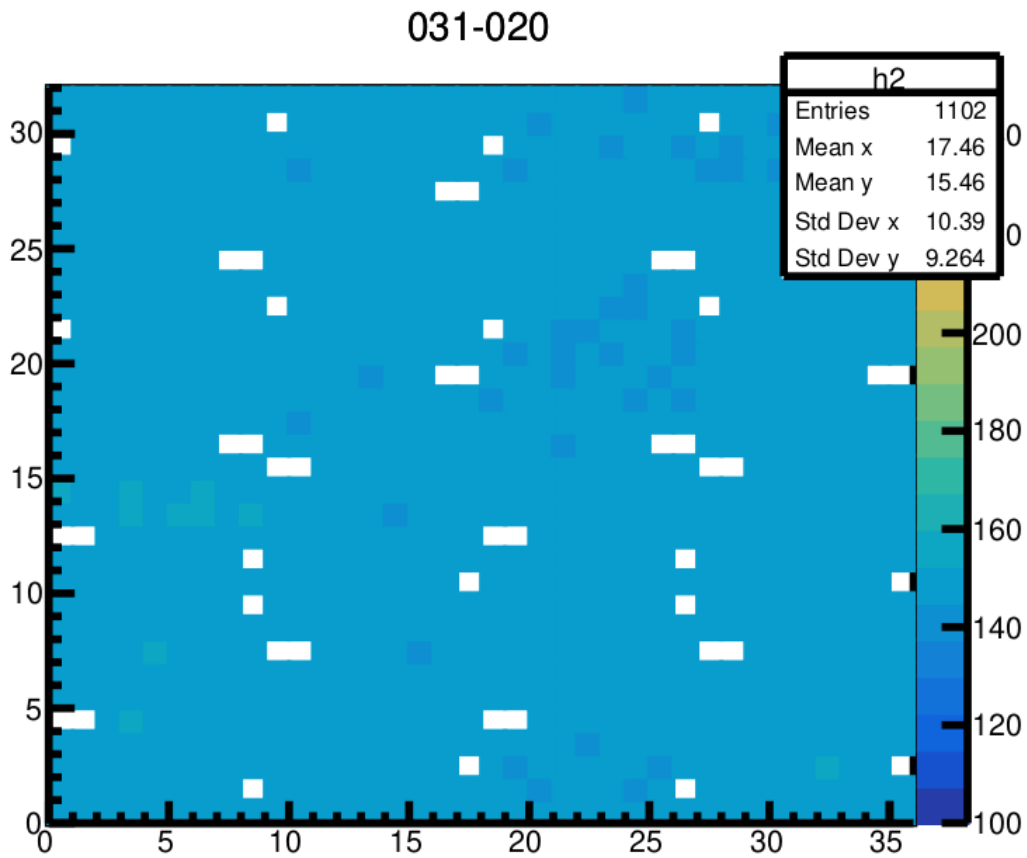
028-023



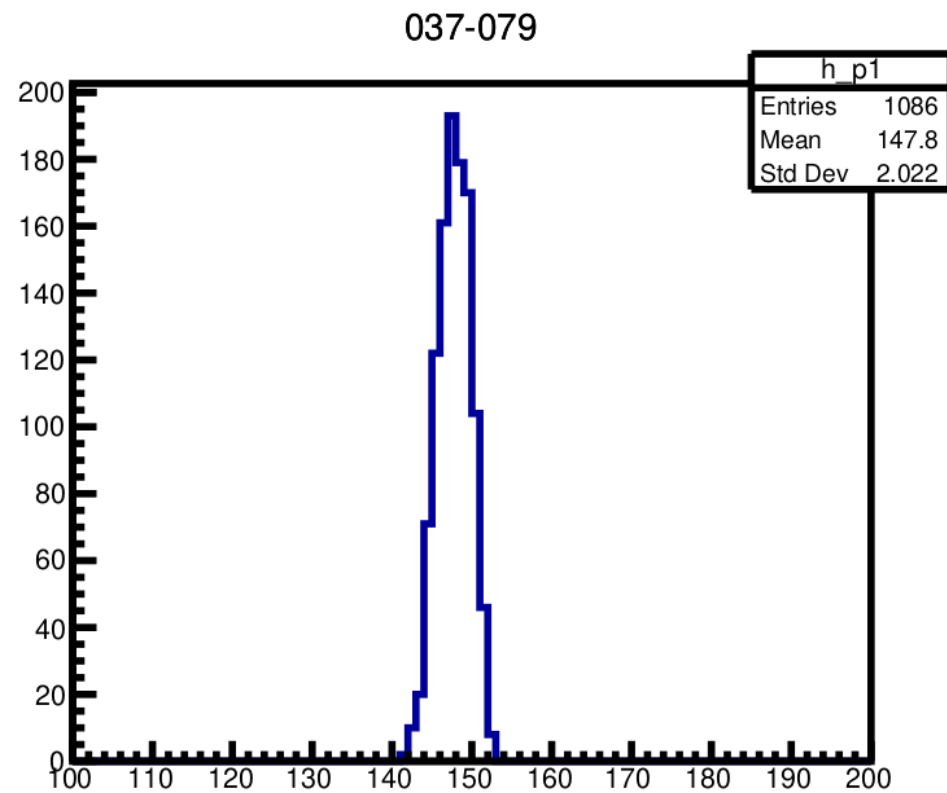
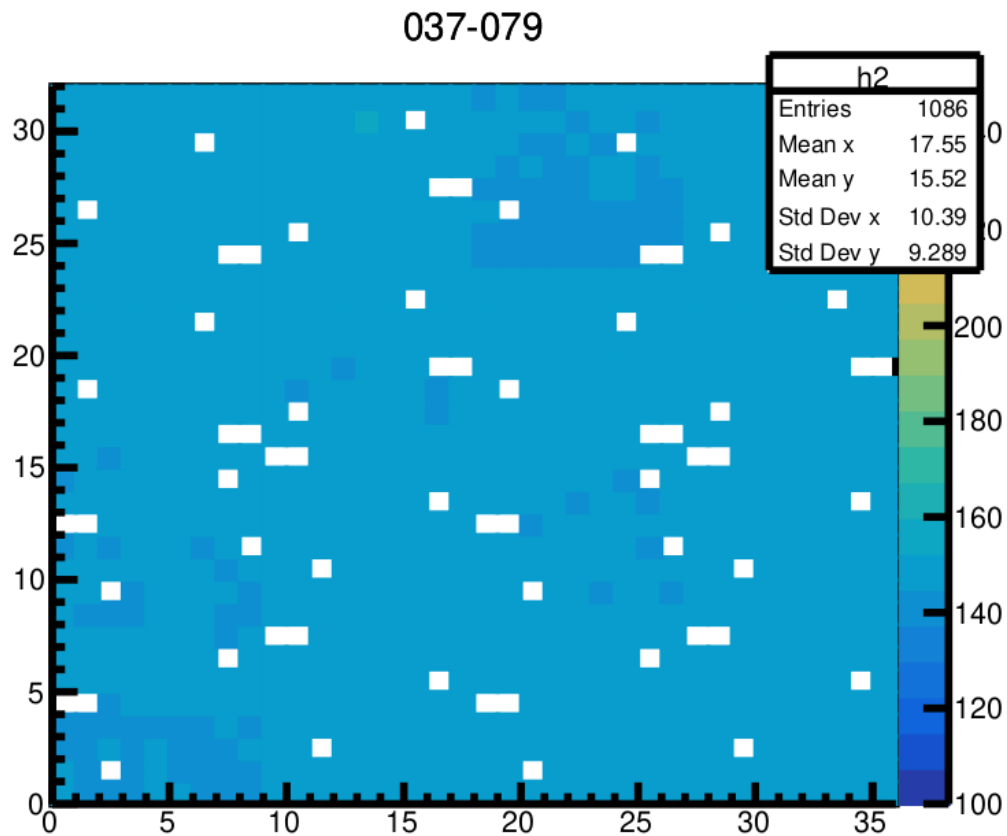
028-023



031-020

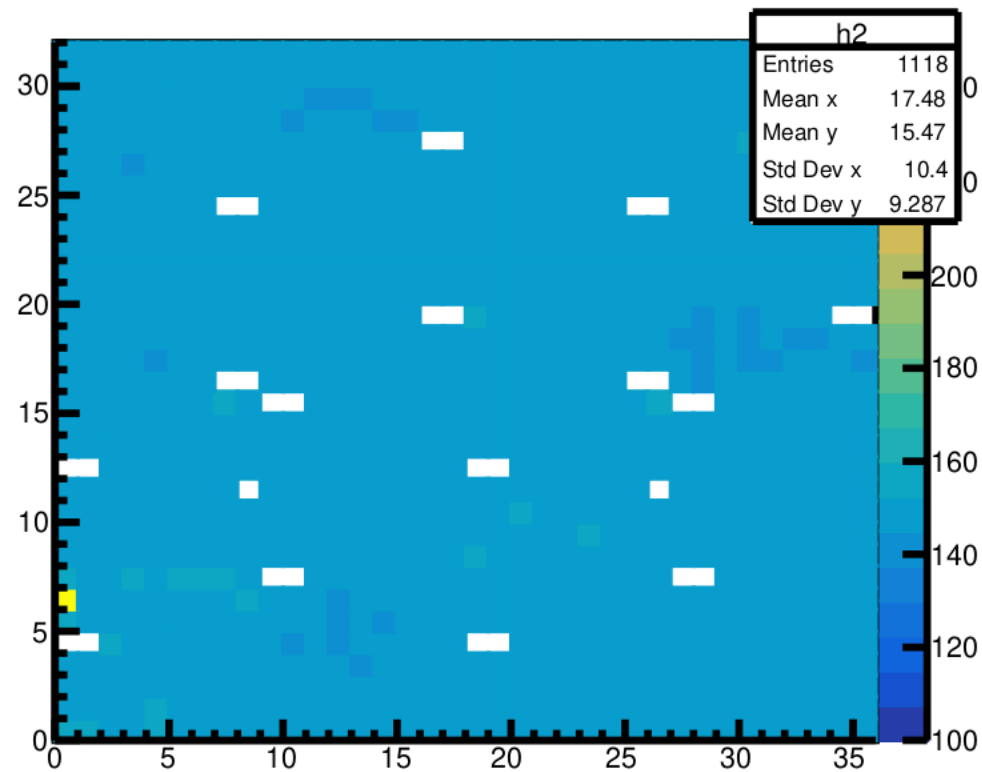


037-079

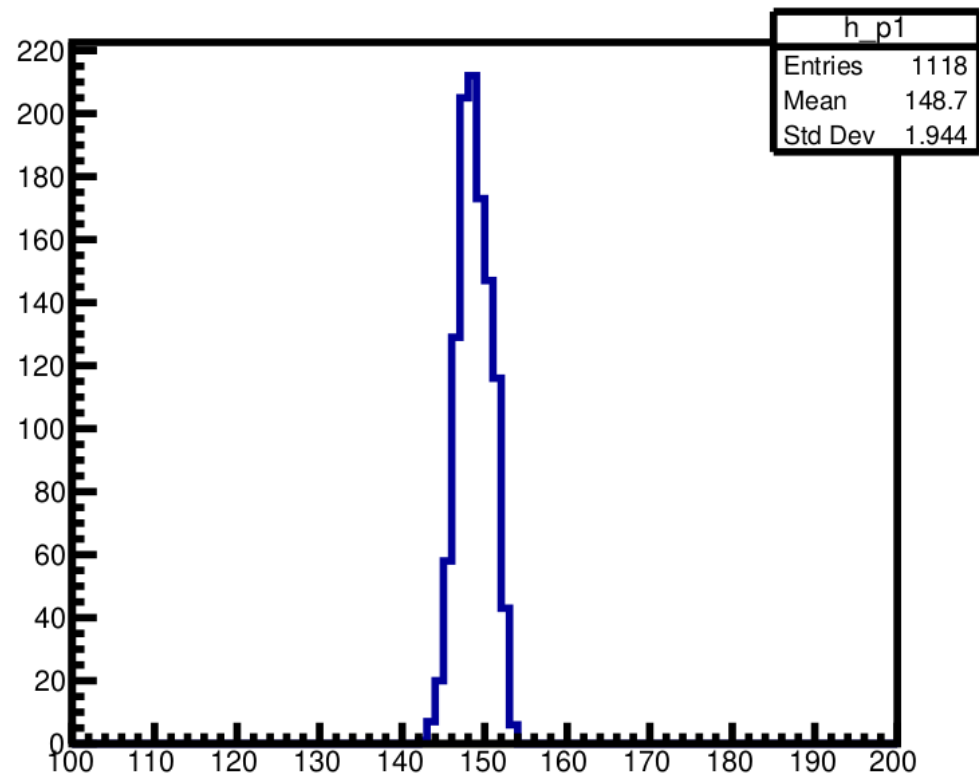


042-016

042-016

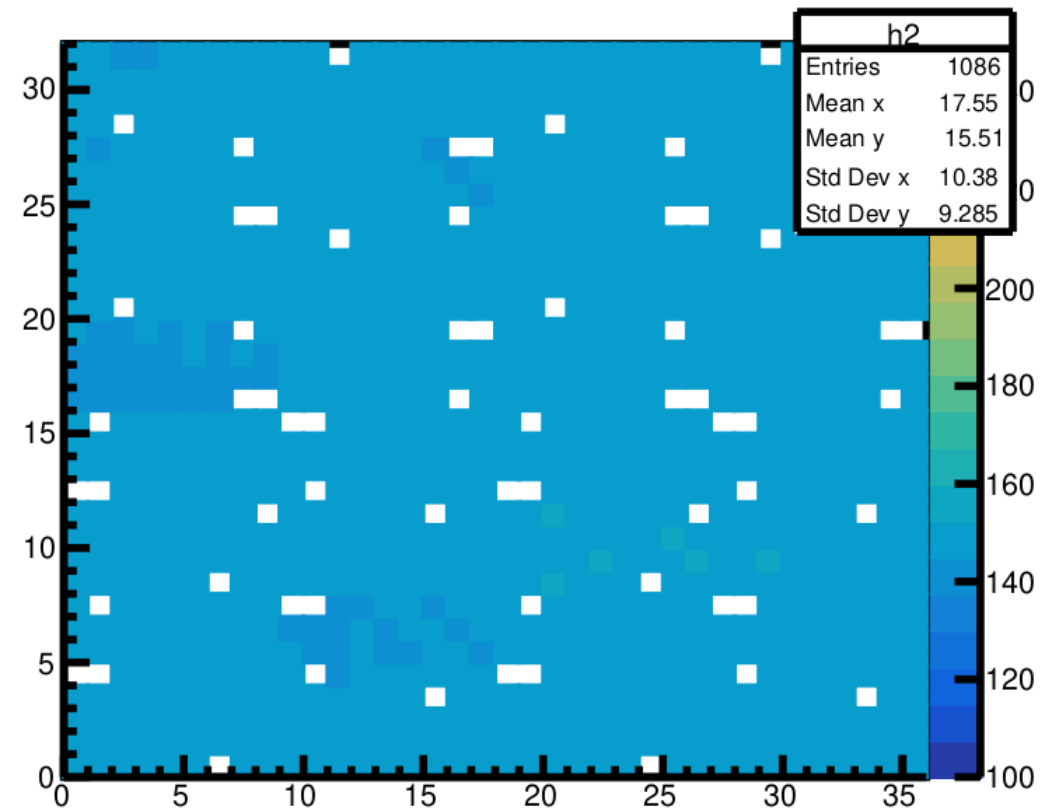


042-016

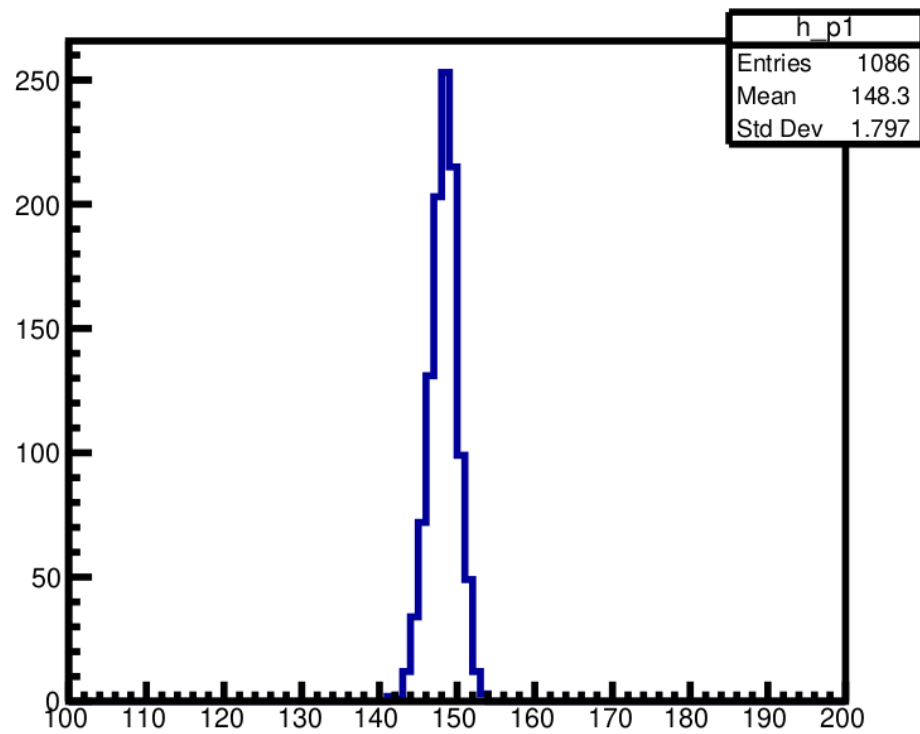


045-030

045-030

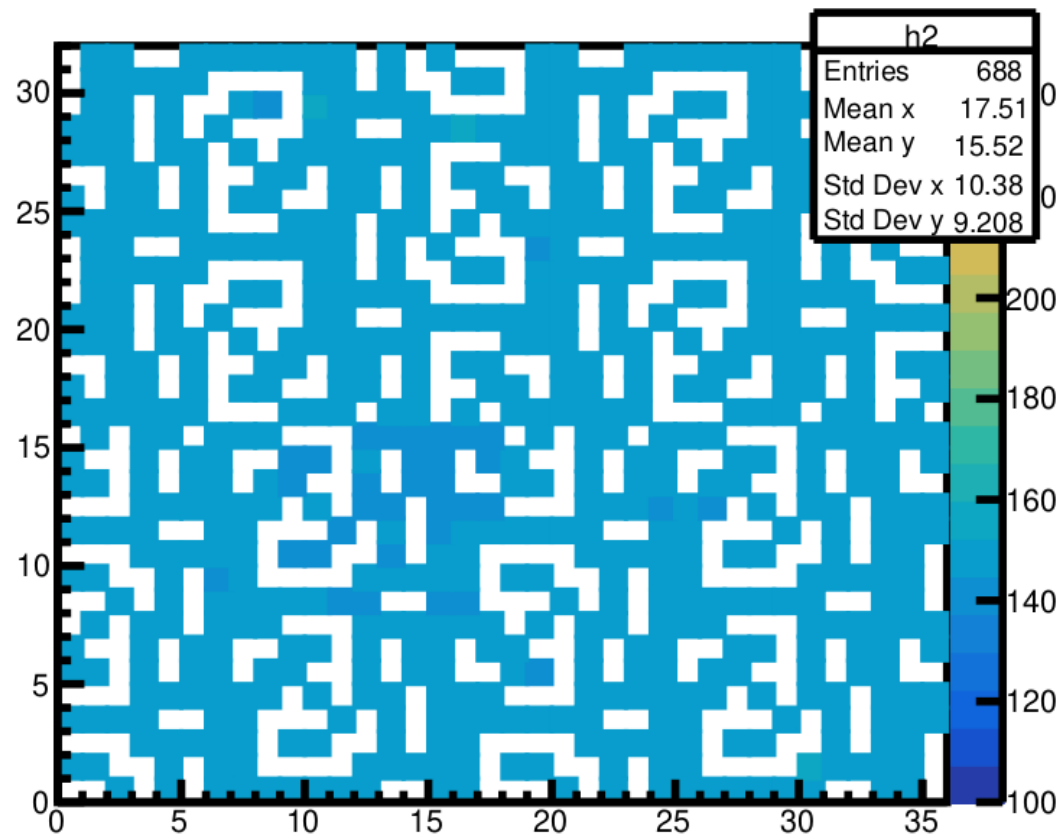


045-030

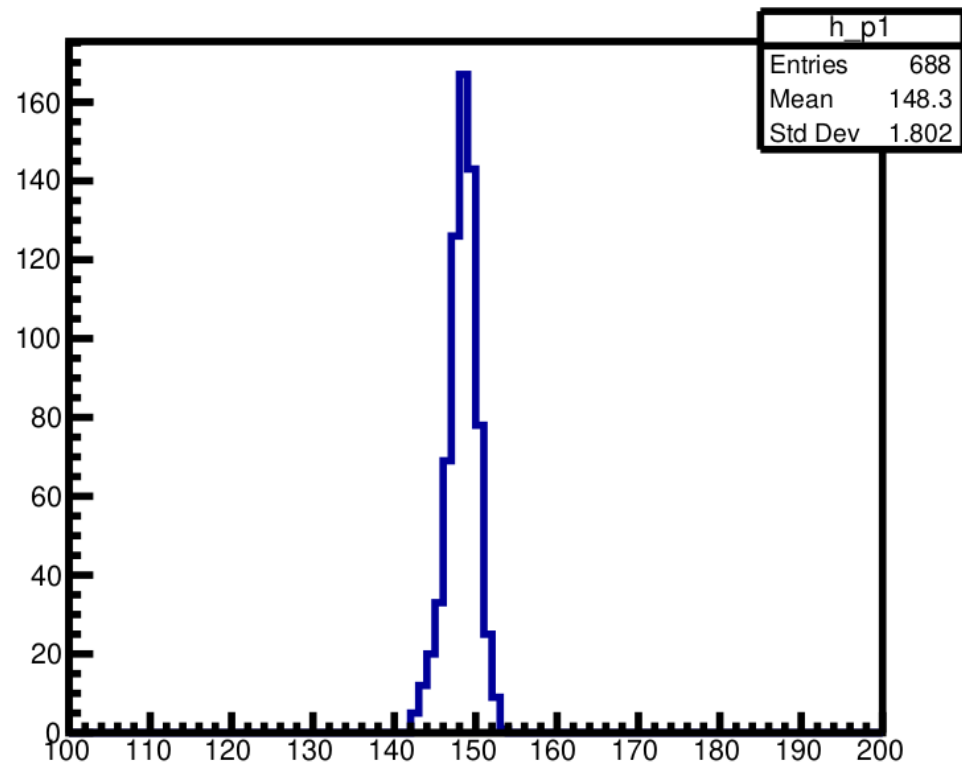


047-058

047-058

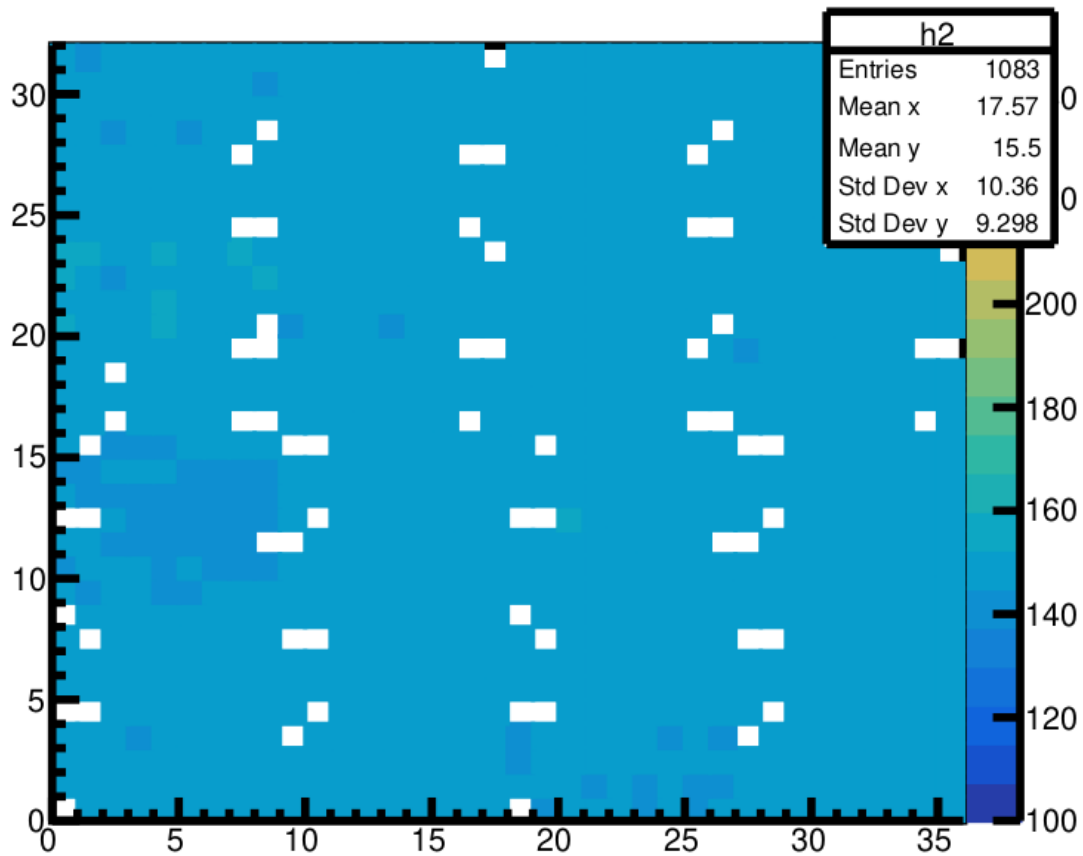


047-058

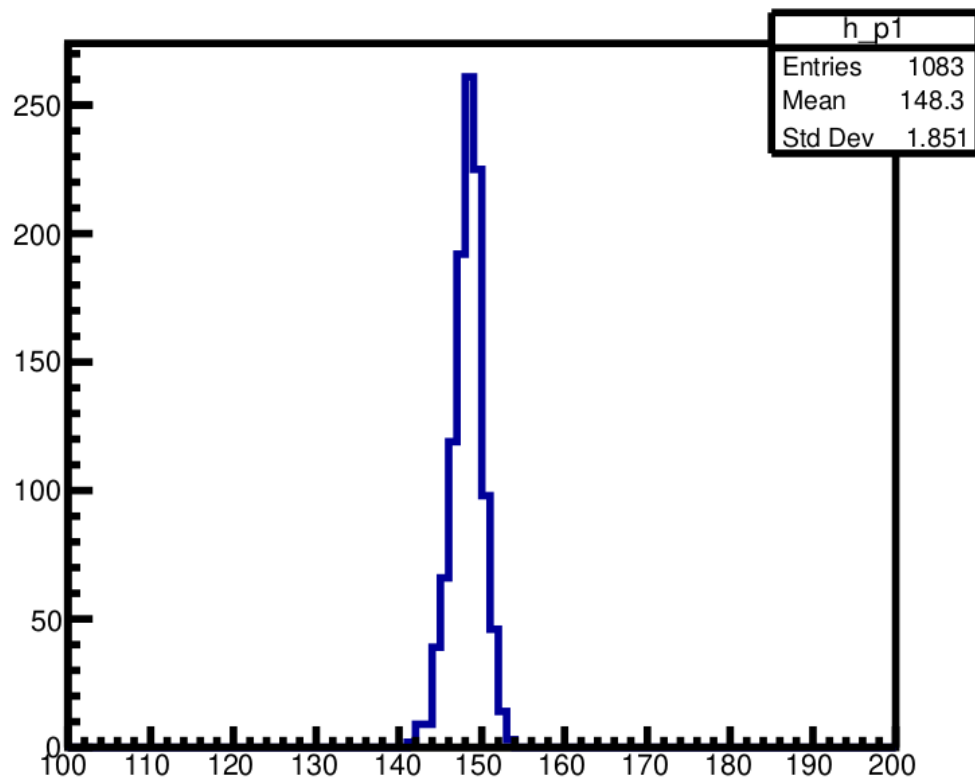


048-017

048-017

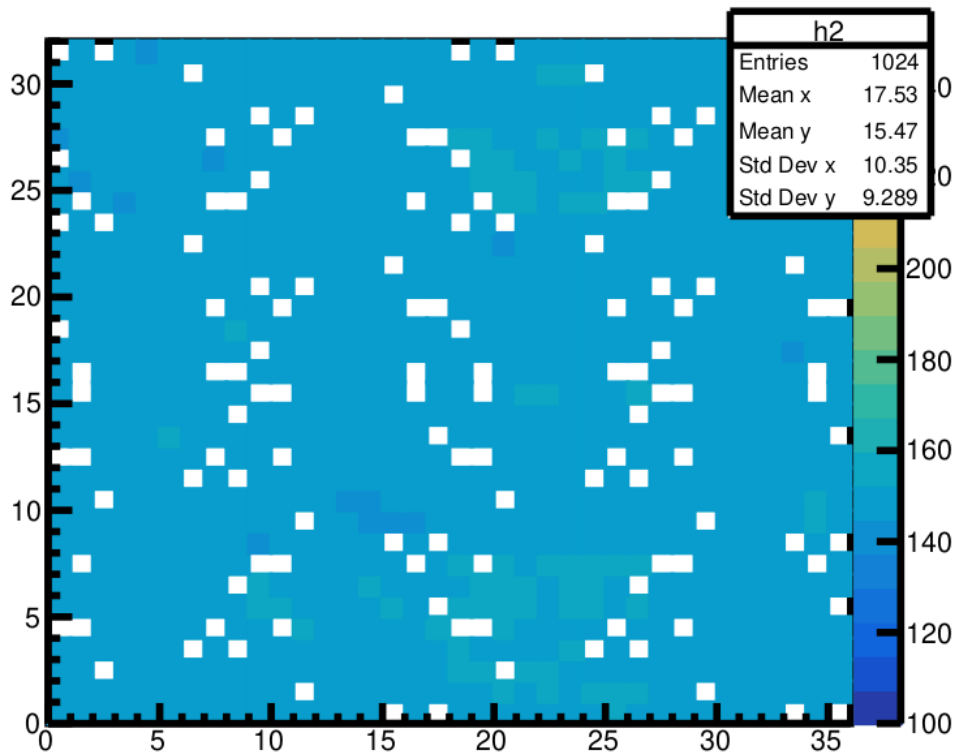


048-017

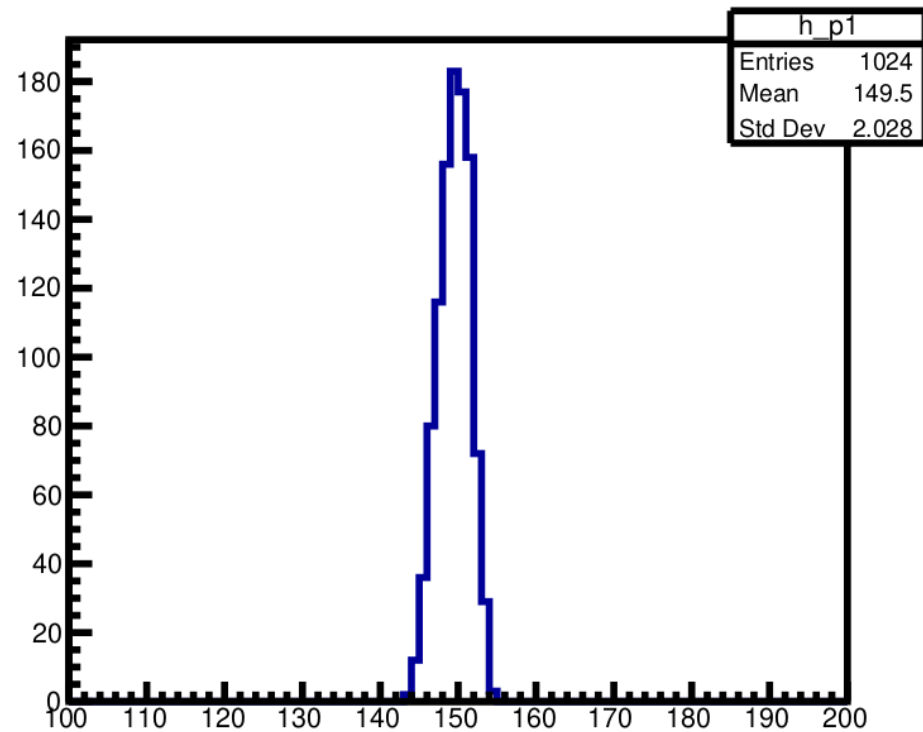


052-027

052-027

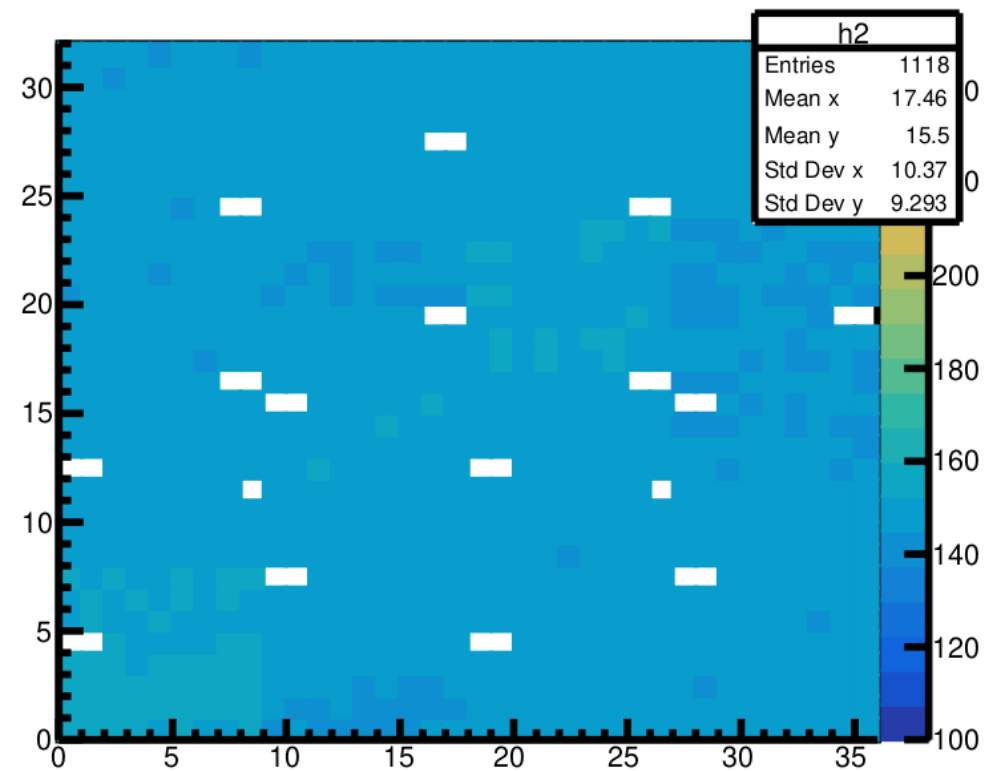


052-027

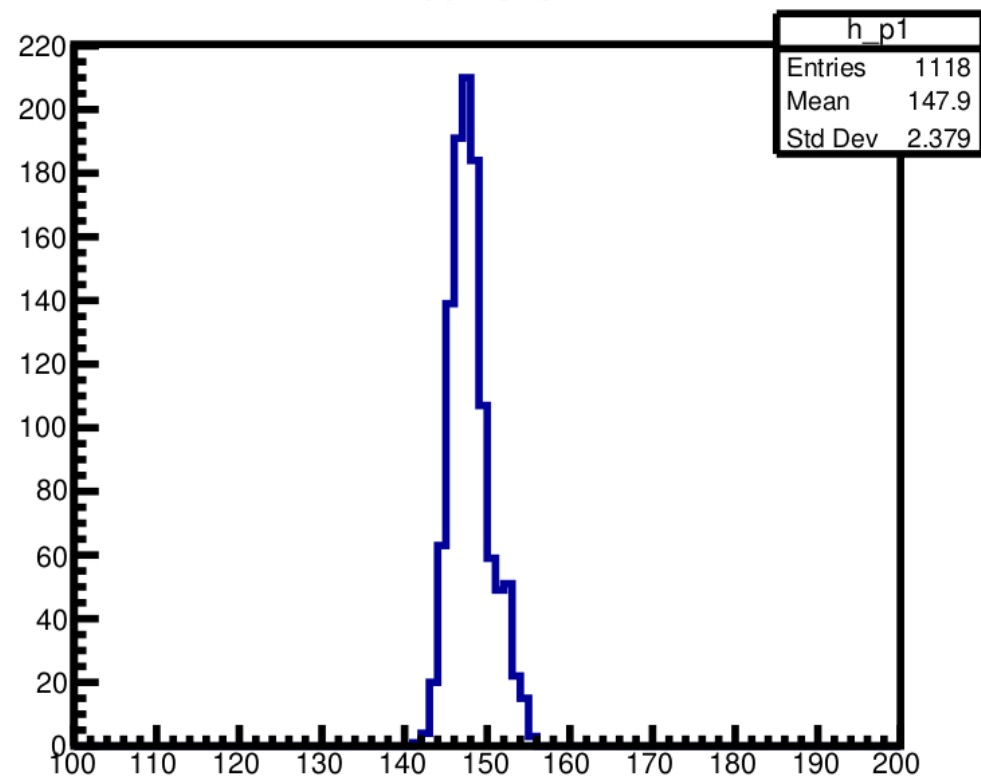


064-040

064-040

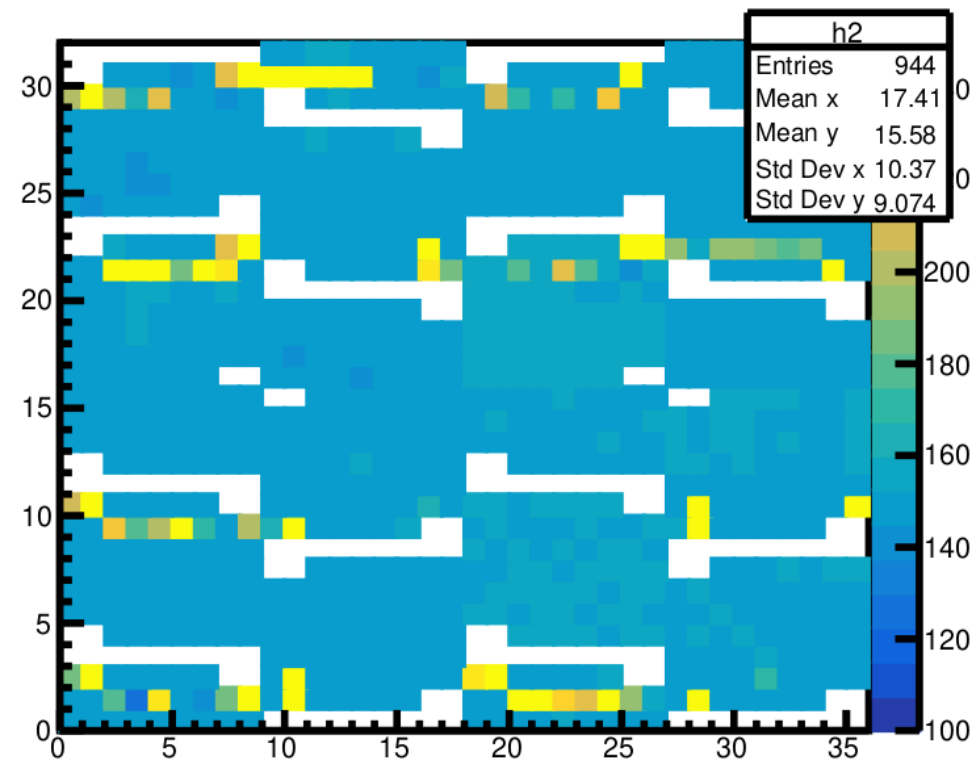


064-040

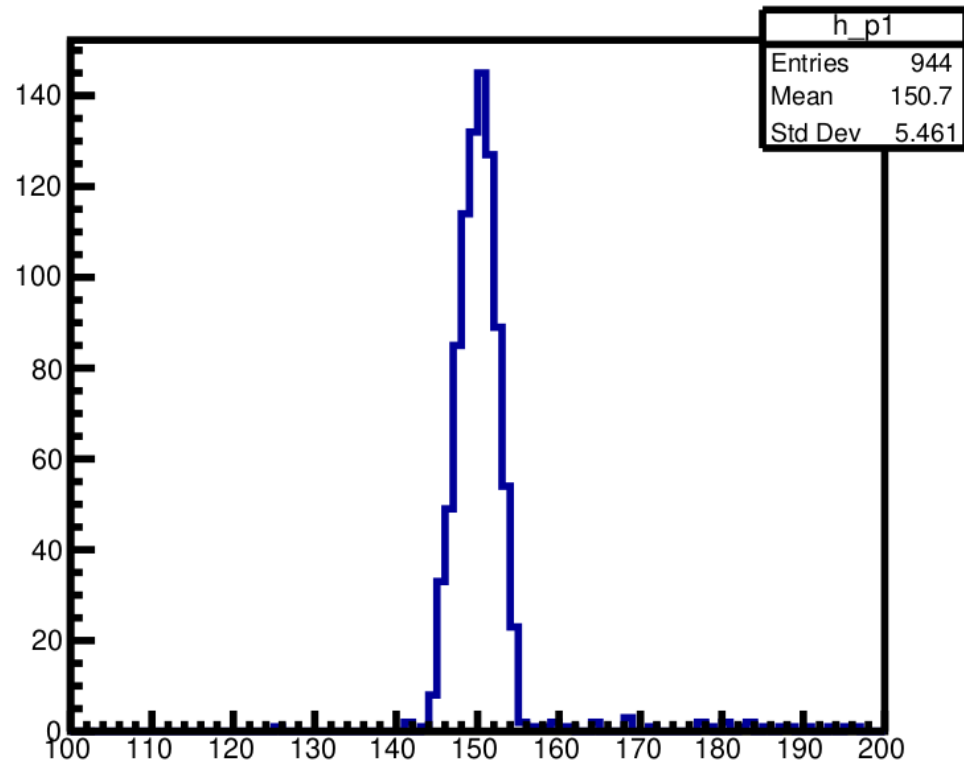


067-018

067-018

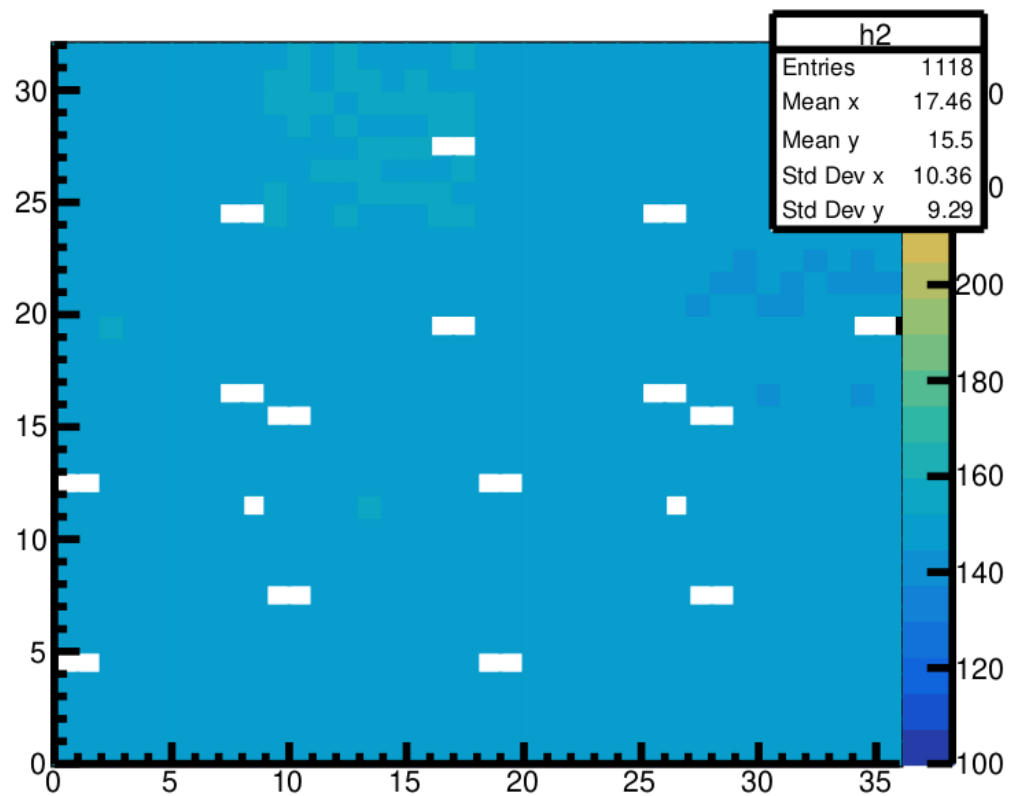


067-018

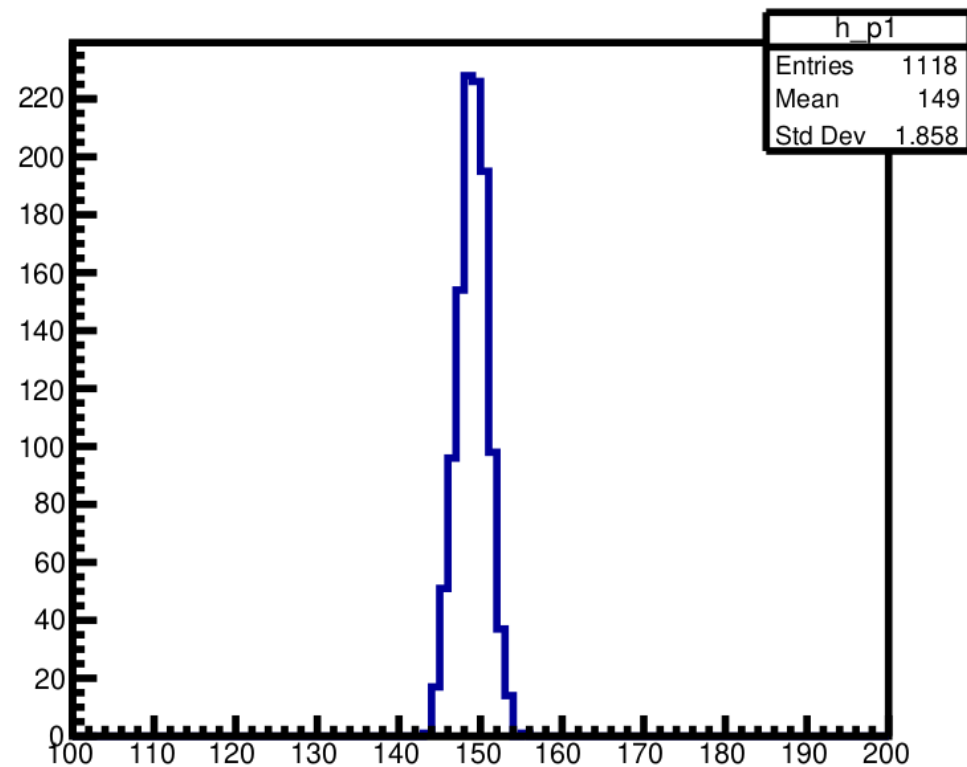


077-015

077-015



077-015



Some observations

- Some white holes misunderstood in the maps
- Standard deviations of the peaks seem to stay around 2
- Except for the 067-018 couple, where std is around 5
- For this latter, the map seems also not to behave the same as the other couples of cards