

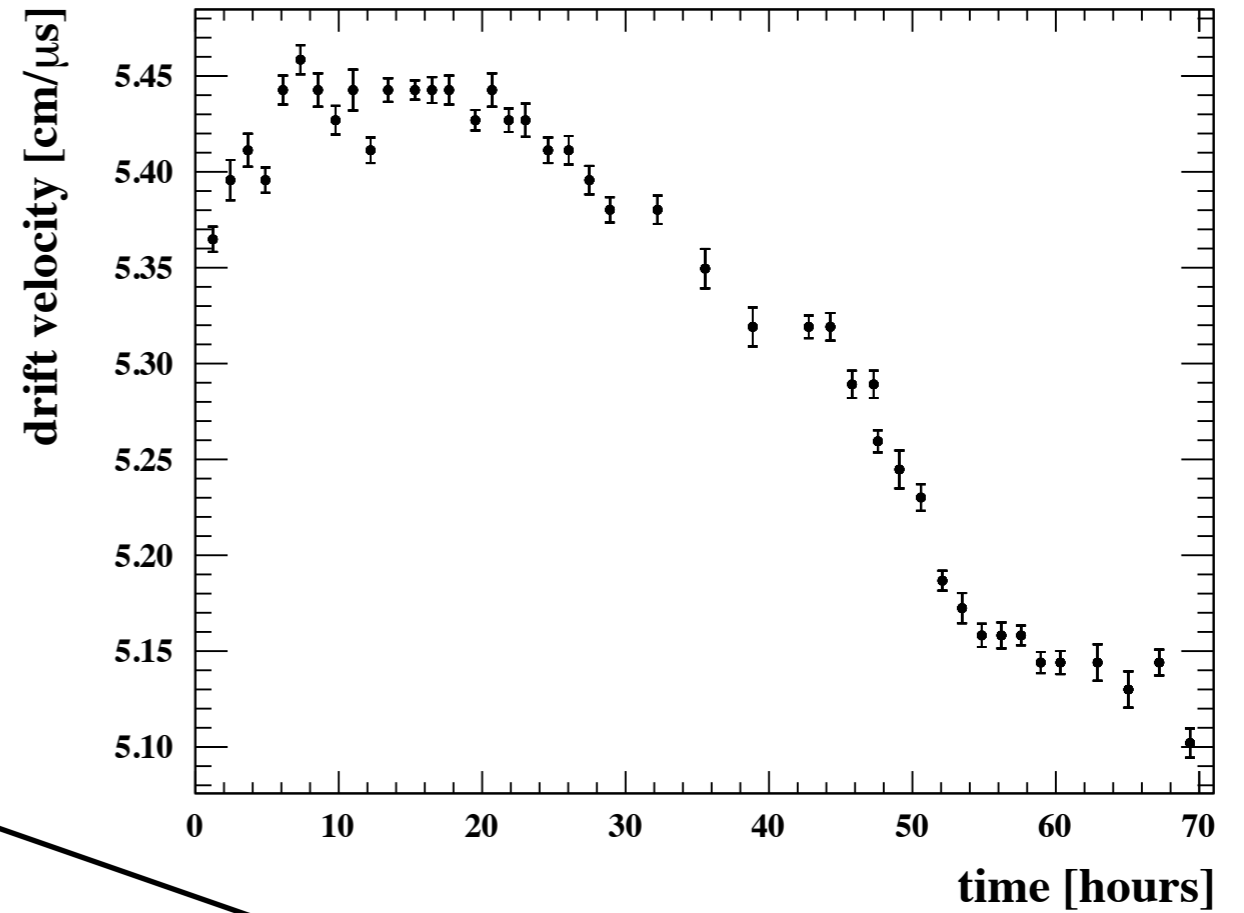
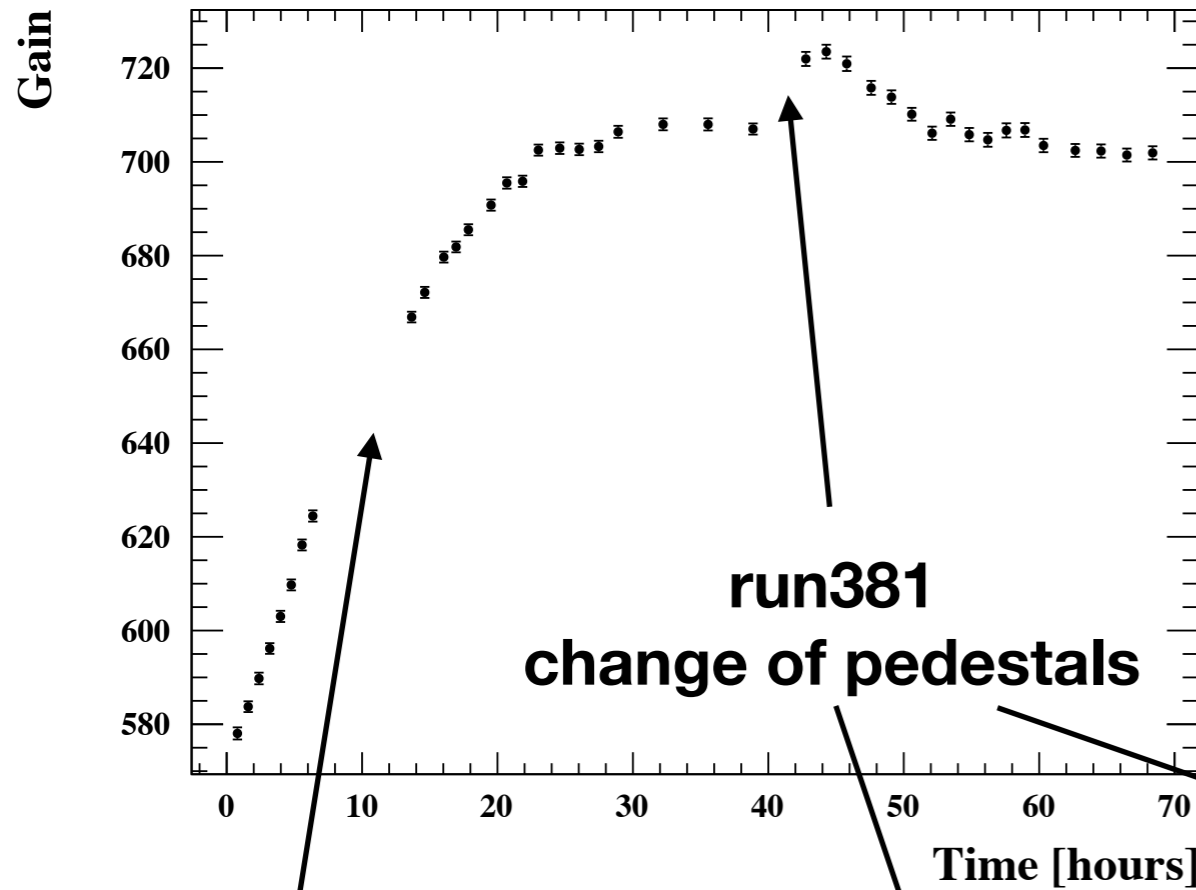
13-12-2018

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Group Meeting

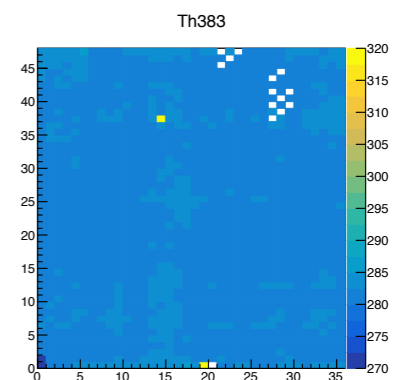
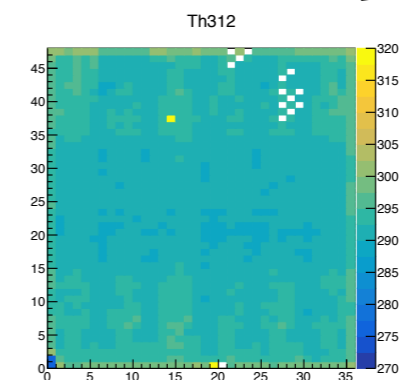
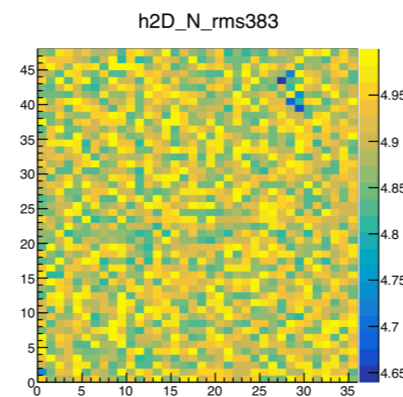
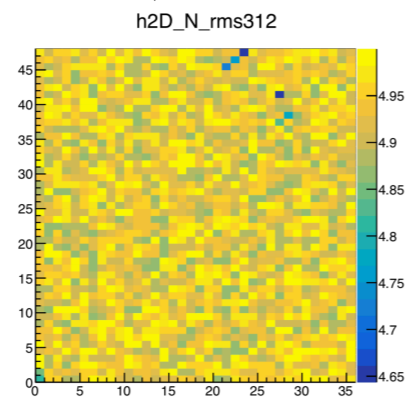
short summary

We have 1 data point every 25k events



$$\text{Threshold} = \text{RMS} * N + \text{EQ}$$

DAQ suddenly stopped during first night. Nobody was on night shift.



Other activities

- Contacted Gianmaria to ask for ‘special runs’ taken at the end of the Beam Test. -> Thinking about doing something fancy with them.
 - Contacted SFGD to evaluate the status of their analysis in order to inspect the hodoscope context (runs in coordination with SFGD) as an independent paper.
 - Their analysis framework is still not mature.
 - Joining SFGD beam test data analysis... why not?
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- On the other hand, I have been learning some python skills while trying to face a classical problem (NxN Queen problem). In how many configurations could you place N Queens in a NxN chessboard? It is a very well known system applied in other research fields as chemistry and biology since many years. It is possible to apply it to particle physics?
 - I looked some basics of R language. Very extended in other fields, focused on statistics and large data analysis. Similar sintaxis to python. It is possible to extract some of its power in particle physics?
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Apple notified they have to repair my laptop... good opportunity to reinstall and make thinks more elegant and to built a decent backup.