

# July FD Shift Executive Report

## Period

6th July 2015 to 26th July 2015

## Shifters

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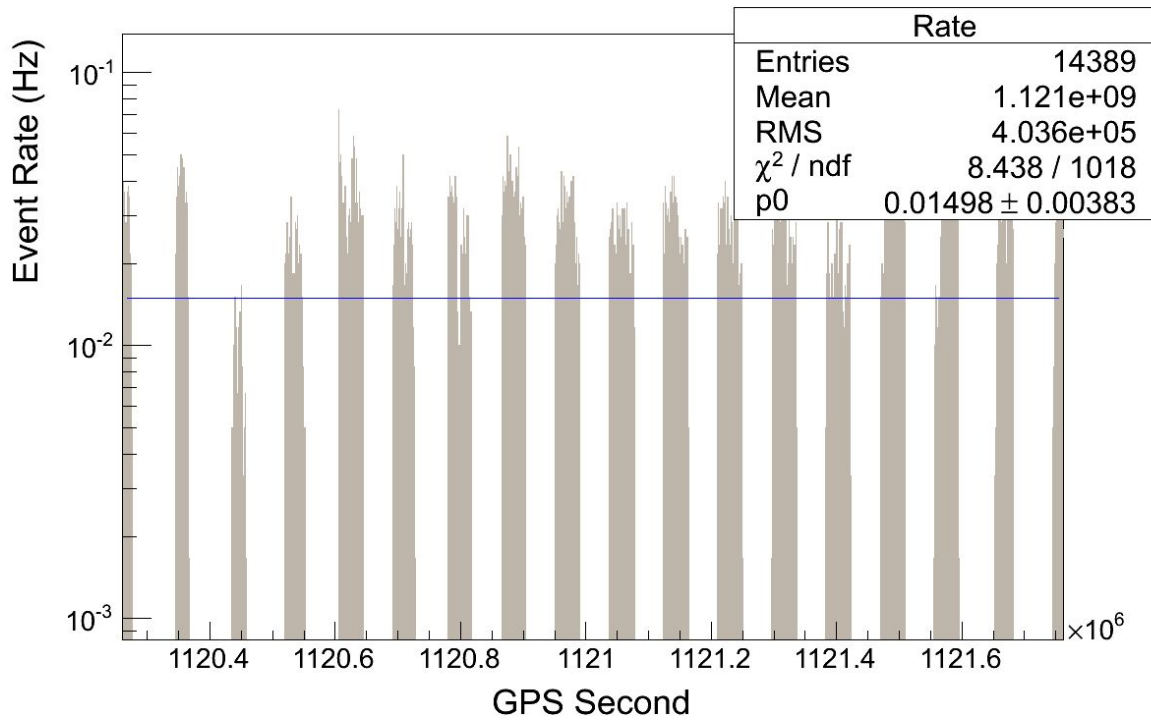
## Main issues

- HEAT was not operative for a few days due to a problem in the firmware.
- The lidar in Los Leones gave continuously retriggering problems.
- Power cut at LA and CO on the 8th July. HEAT, LA and CO FDs not in use this day.
- Problems with rain and wind the first week.
- 12th July: lidar affected T2 and T3 rates of LL. Lidar stopped at 02:48.
- 12th July: fog. It may be the cause of unexpected closure and malfunctioning of bays 3 and 4 in LA.
- 13th July: LA lidar not operated because it was impossible to open the cover.
- 13th July: bay 6 of LA went to dead state (with the shutter opened).
- 16th July: power cut in LA at 02:00. Some systems down all night (FD and lidar not operated)
- 17th July: windspeed sensor CO+HE broke. They were not operated for some nights.
- 19th July: power cut at 23:45. After the power cut, everything restarted successfully except bay 3 of LL (HV camera problem).
- CO is often found not parked. It moves without human interaction.

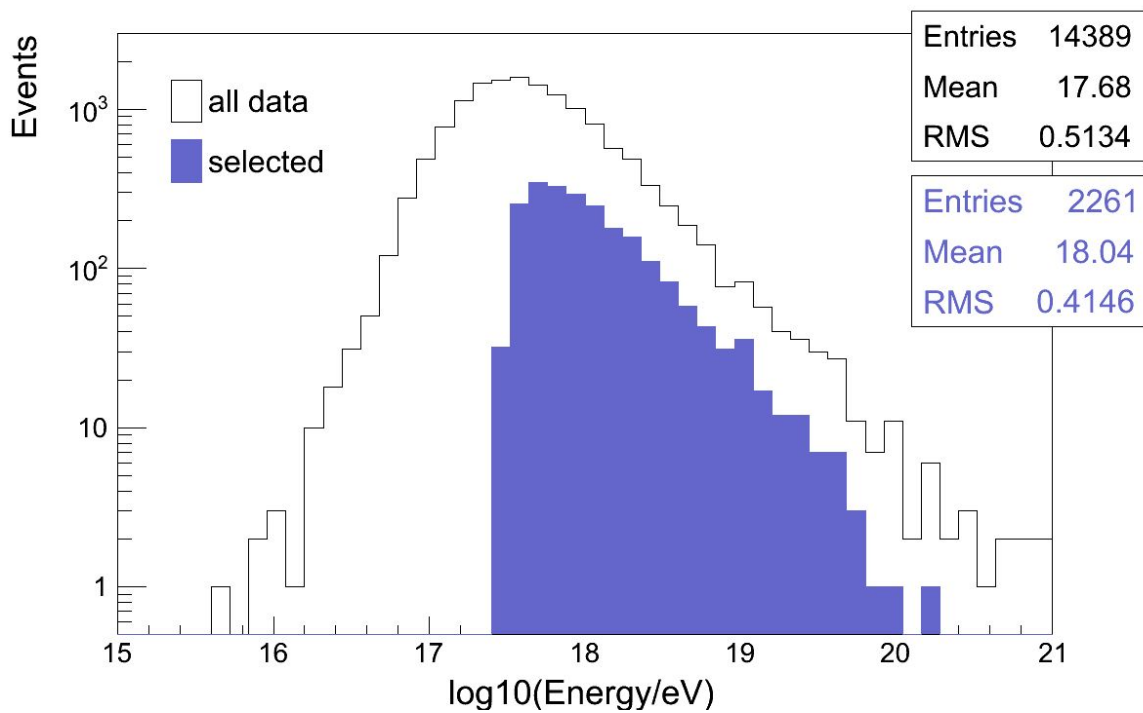
## Extra activities during the shift

- RAMAN shots from 1:25am to 1:55am.

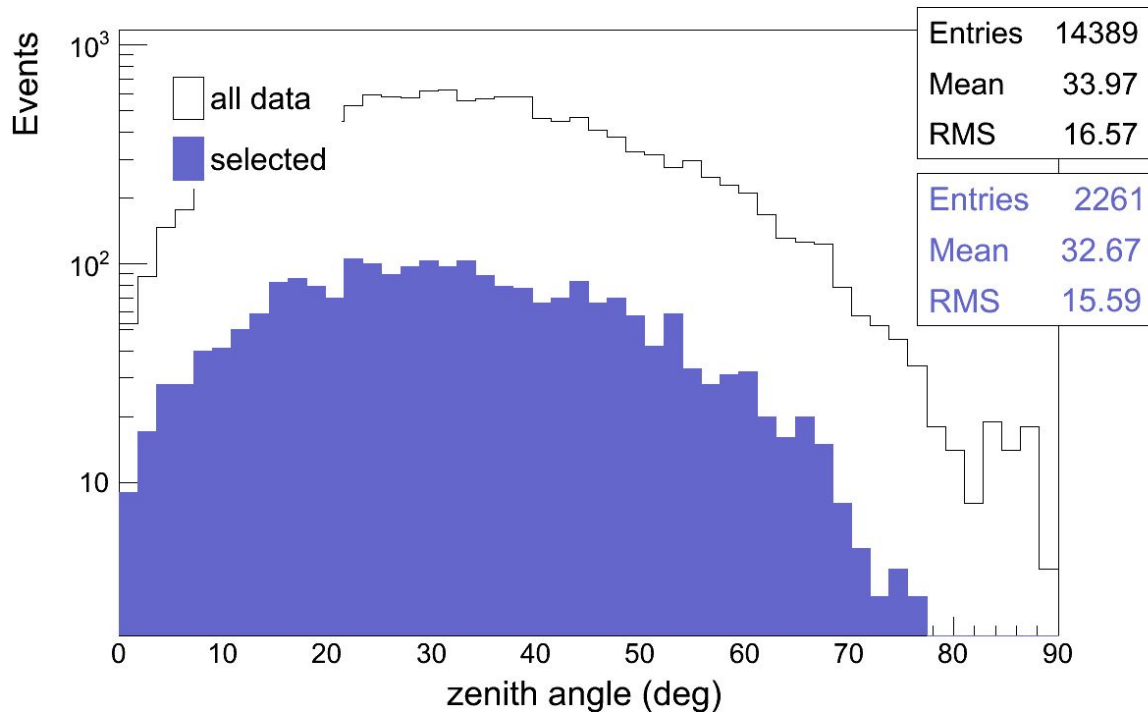
### T3 Event Rate



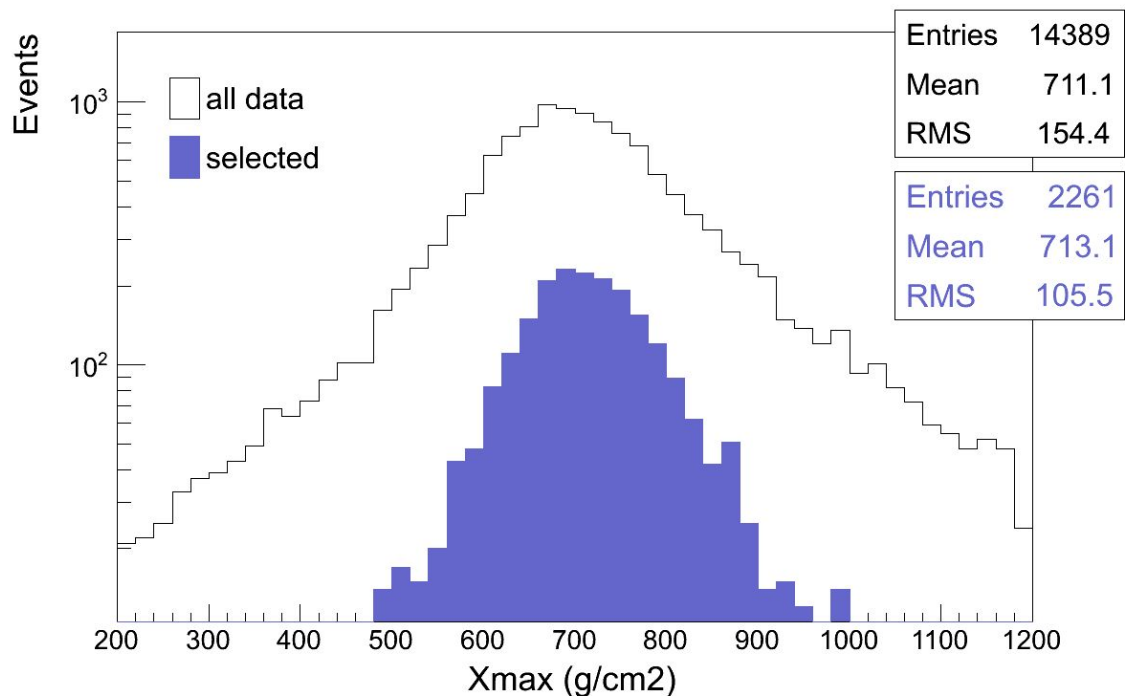
### Energy distribution



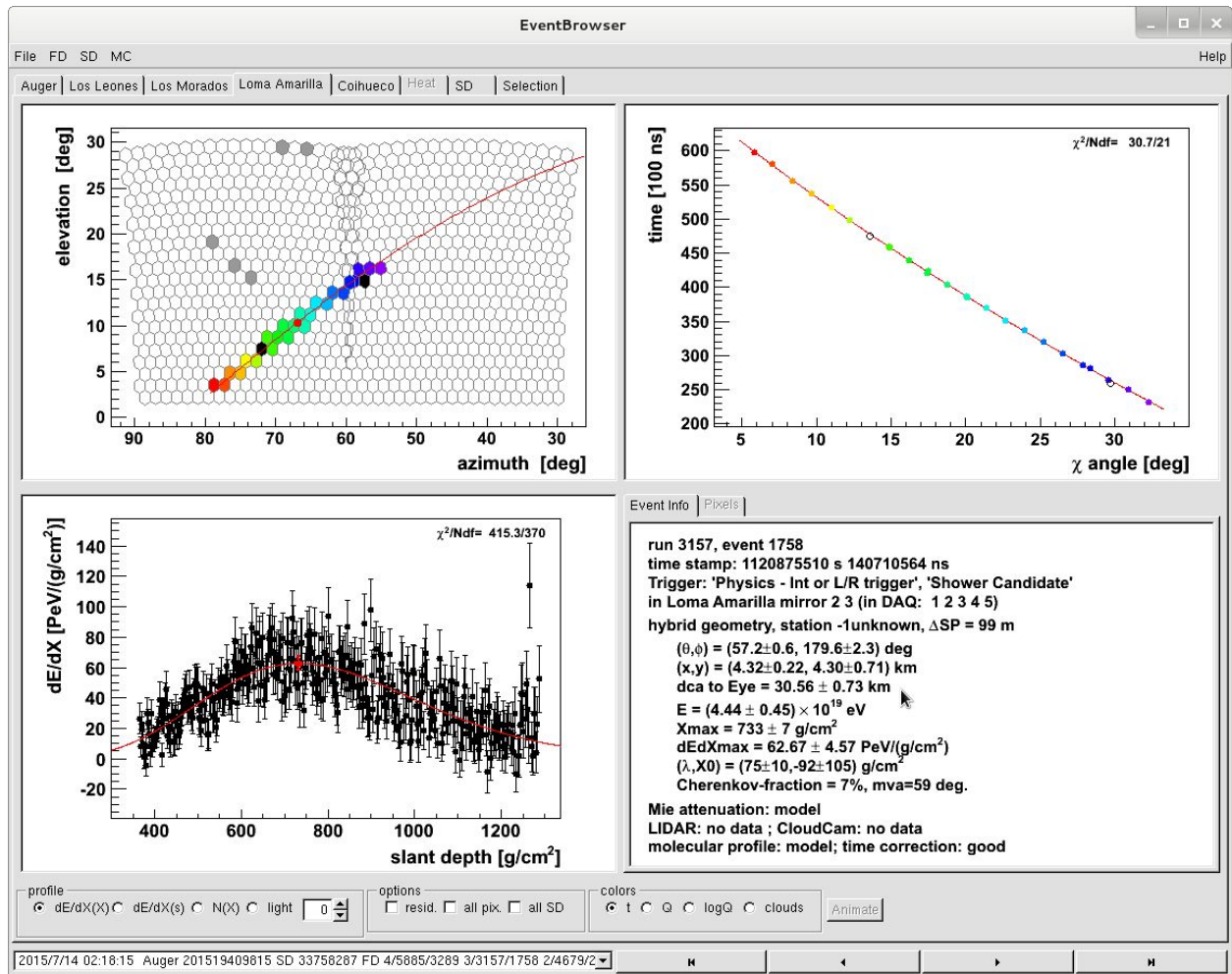
## Angle distribution



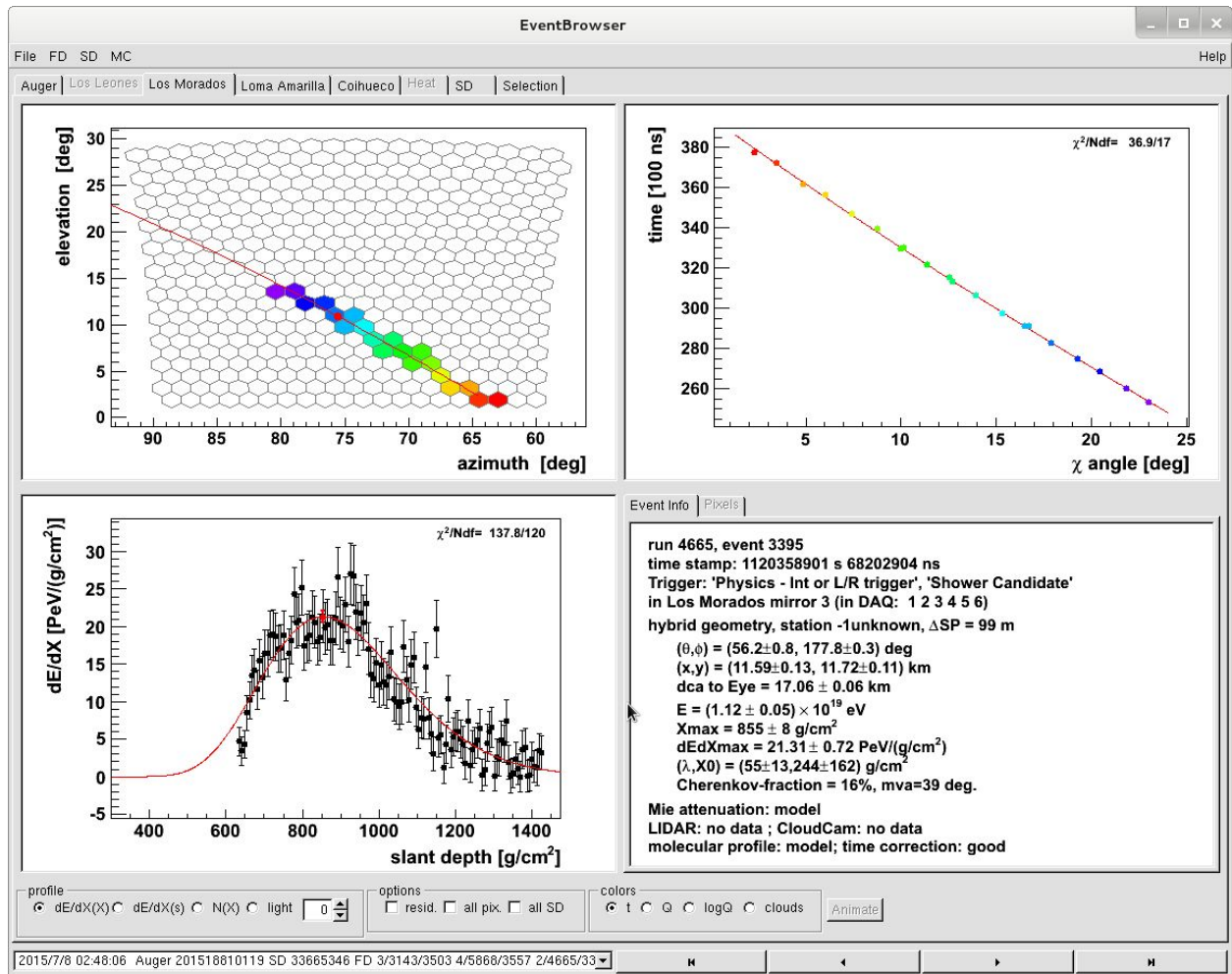
## Xmax distribution



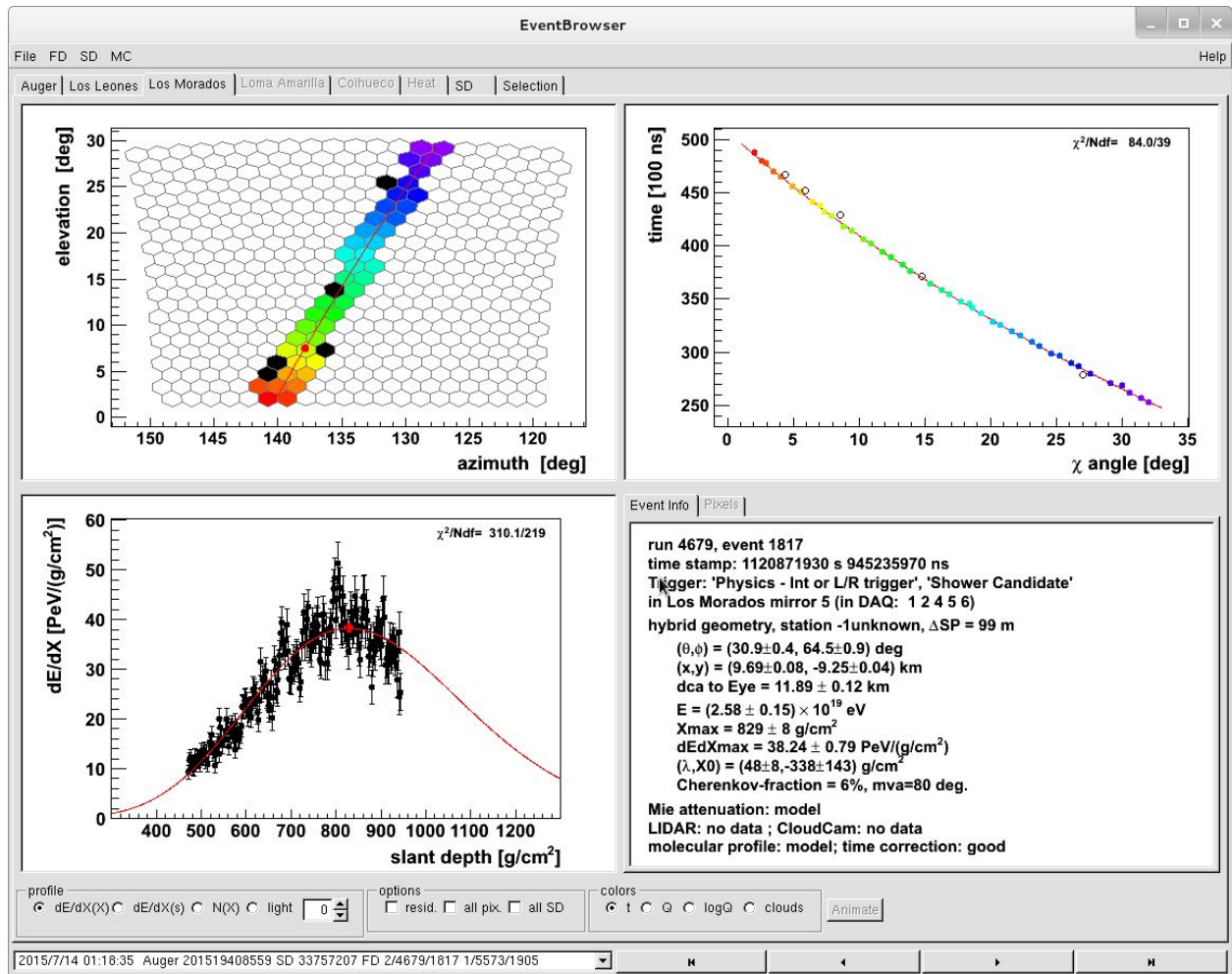
# Event 1



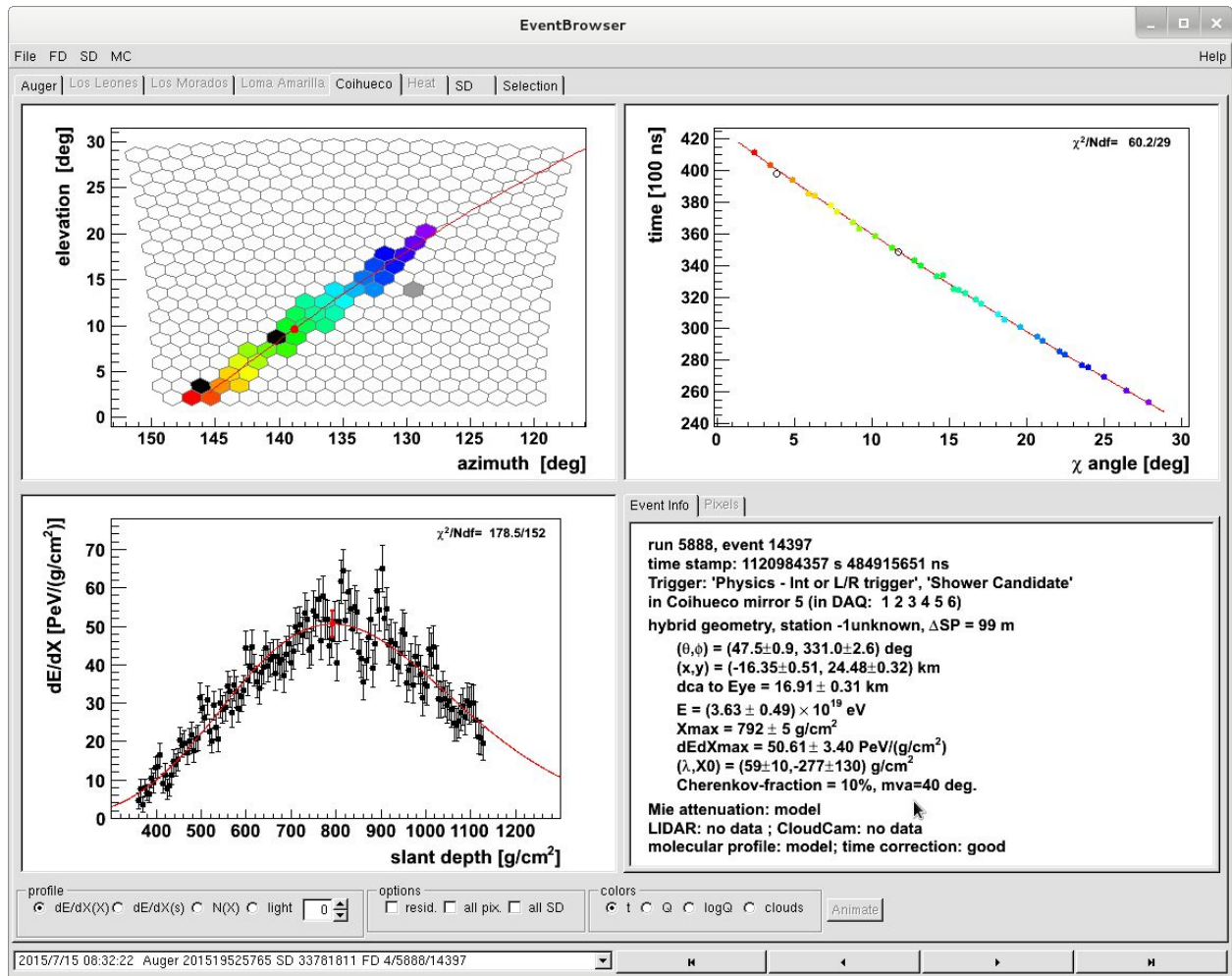
## Event 2



## Event 3



## Event 4





## Event 5

