

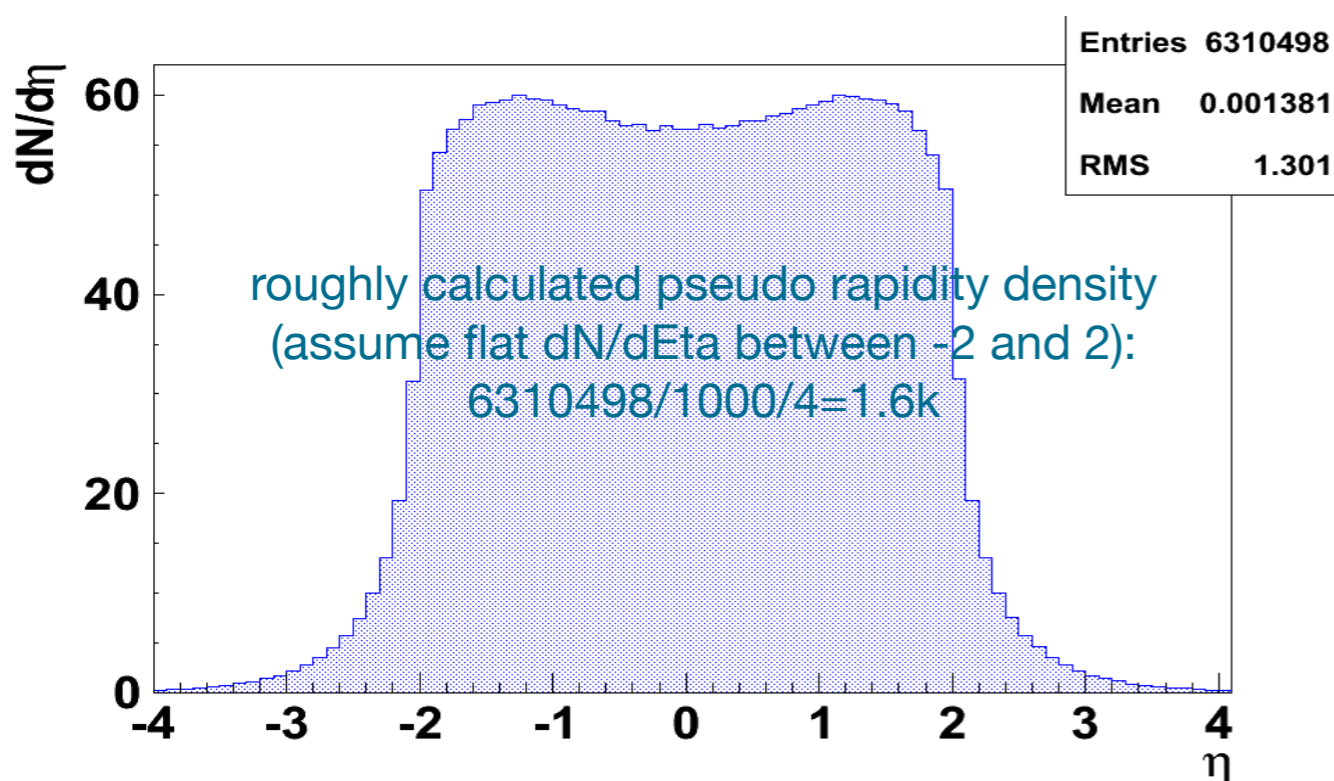
# Motivation of this Pb+Pb simulation

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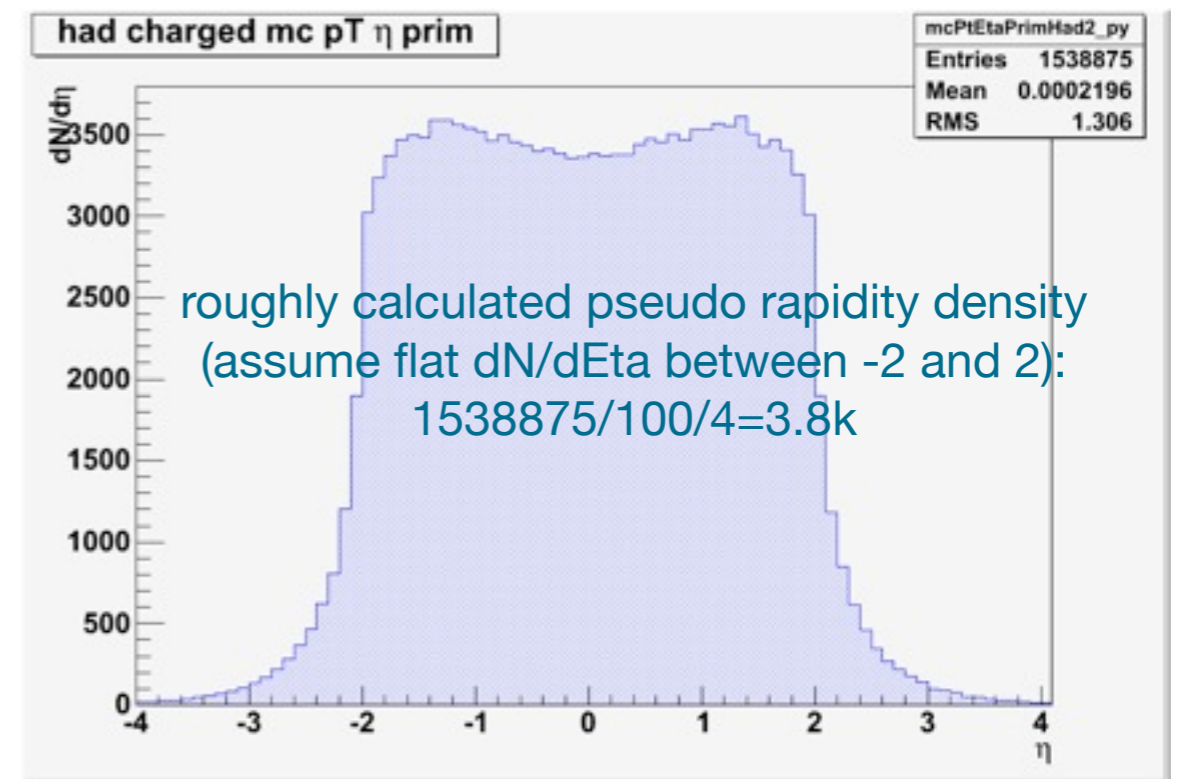
- For Global DAQ test before Heavy Ion Run, subsystems were required to provide configuration of detector electronics in order to generate a data volume equivalent to the one expected for a Pb+Pb collision with  $dn/dy \sim 2000$  (please see Yvonne's presentation in <http://indico.cern.ch/conferenceDisplay.py?confId=89390>)
- The idea discussed in the last meeting was use of noise run with different zero suppression threshold, and the threshold must be defined to produce same event size as  $dn/dy \sim 2000$  event. This can be checked by raw data from Pb+Pb simulation.

Johanna, here I put plots and number to be interested(as an example). You can rearrange and add as you like. I suggest to put the result from both centrality bins so that we have some idea about extrapolation if necessary.

### 20-30% centrality, 1k events



### 10-20% centrality, 0.1k events



- please put pseudo rapidity density( (average # of your charged hadron counts within  $|\eta|<0.9$  per event)/1.8) for both cases
- simulated raw data output location: /alidata20/alice\_u/jgramling/simrecondor1020/  
(Johanna, for your info. the events size of this raw data will be checked somebody else)