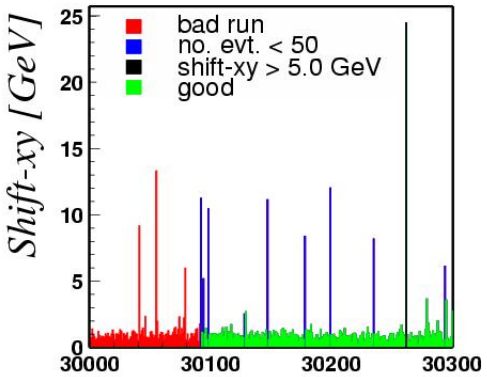
Calorimeter Data Quality

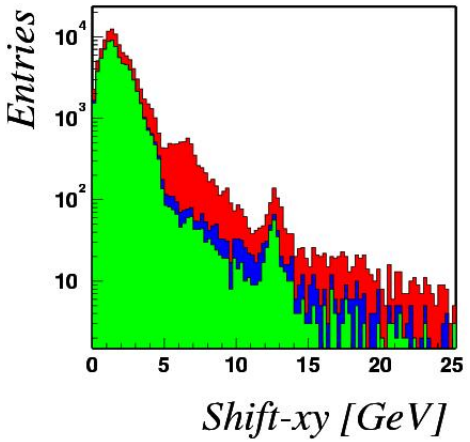
Data Quality on Luminosity basis

Using Min & Zero Bias Events



From last week:
criteria: shift-xy < 5 GeV
number of events > 50

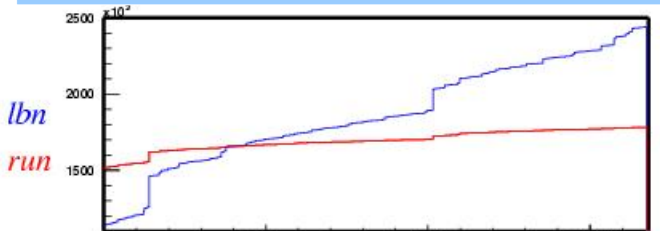
Total Lumi: 88.8 pb^{-1}
2785 bad lbn's

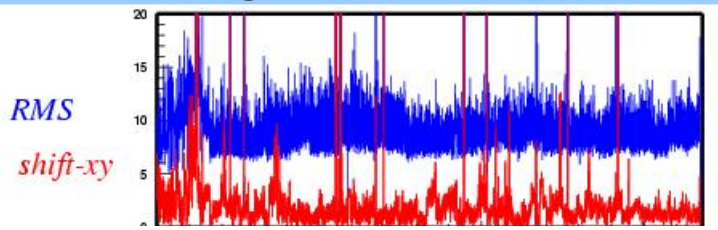


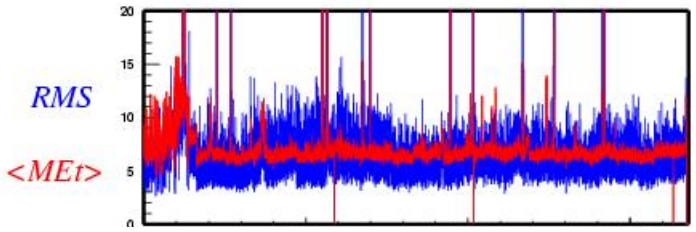
Data Quality in from Min & Zero Bias Events

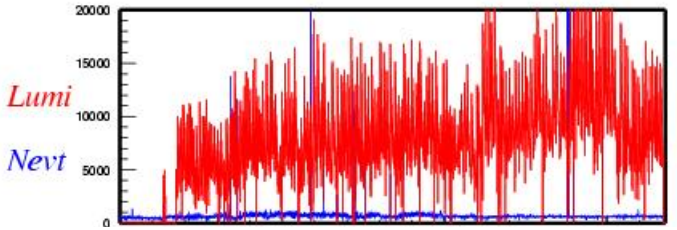
Data skimed by WZ-group (Marco)
Top-DQM tools (Jonas, Tobias, Arnulf & Markus)
Missing / Running: flag for Min or Zero Bias events and no. good jets
Combine 10 Luminosity blocks to have a sufficient
number of events in each bin
Typical rate: ~ 1 Hz.

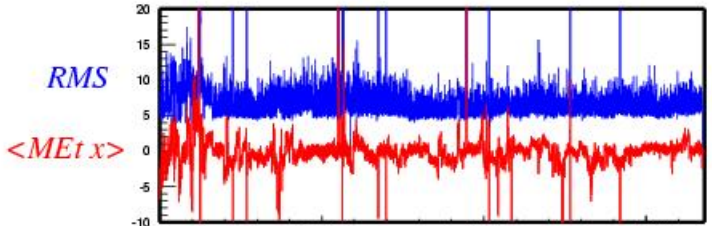
Study mean and rms per 10 Luminosity blocks for calorimeter properties

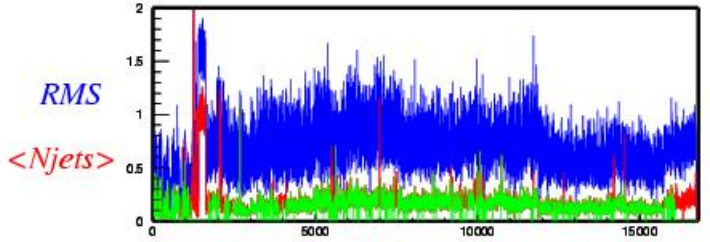


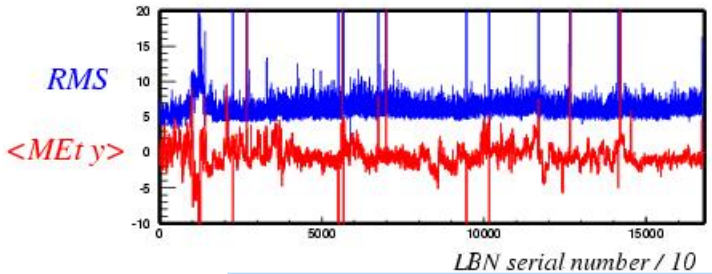








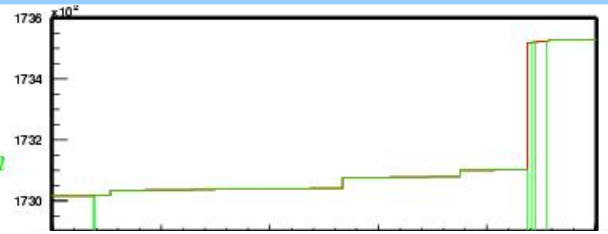




Ok - I don't expect you to read the details !!!

run

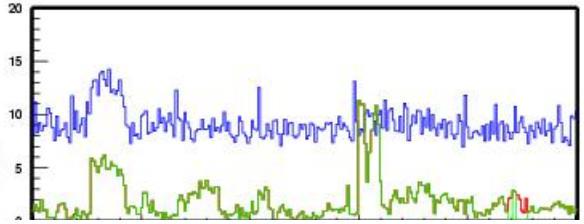
good run



RMS

shift-xy

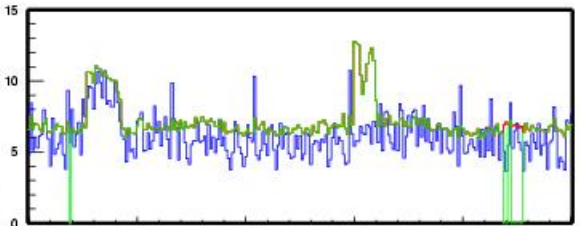
good run



RMS

<MEt>

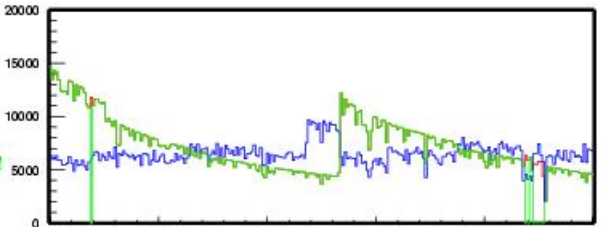
good run



Lumi

Nevt*10

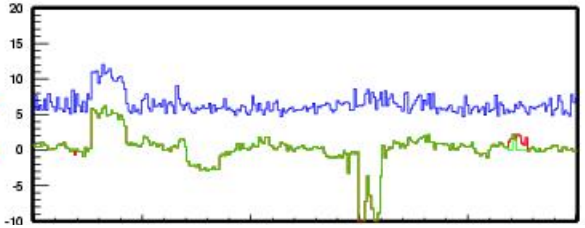
good run



RMS

<MEt x>

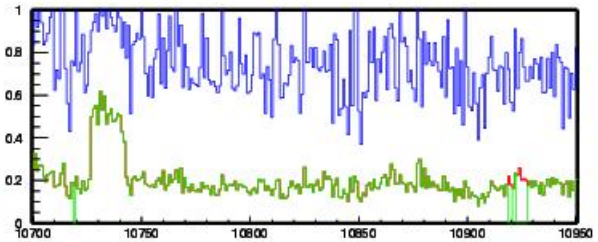
good run



RMS

<Njets>

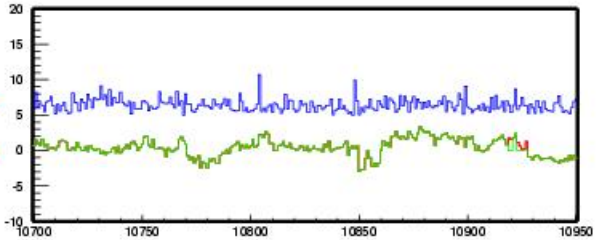
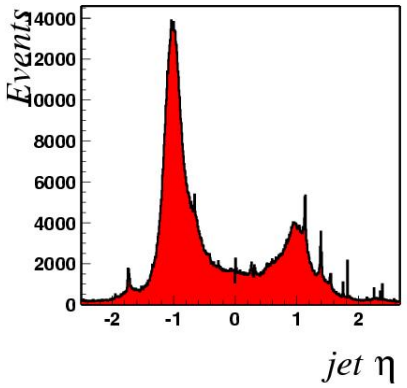
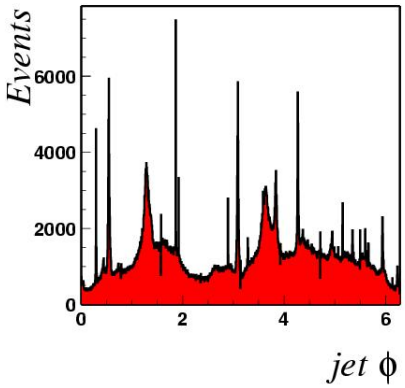
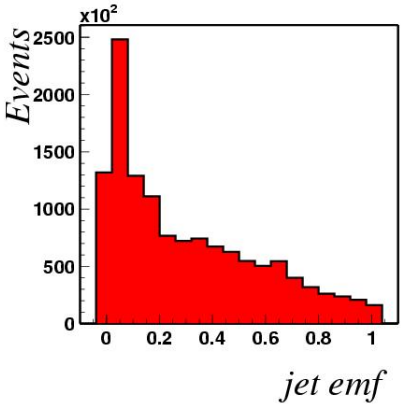
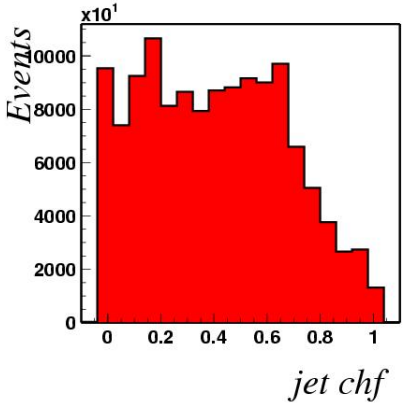
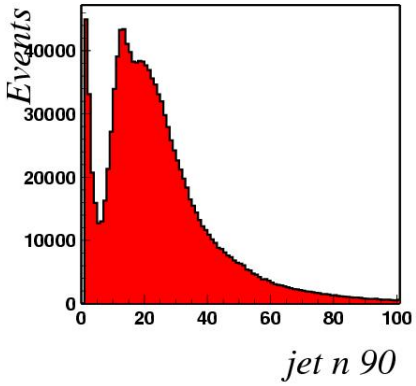
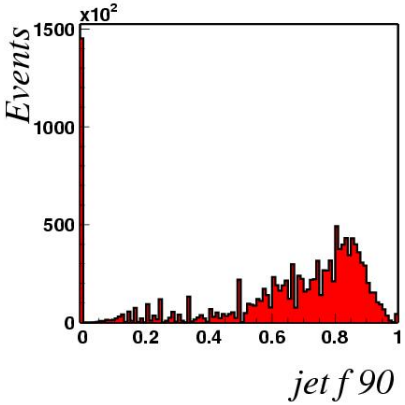
good run



RMS

<MEt y>

good run



Jets in Min and Zero Bias events