

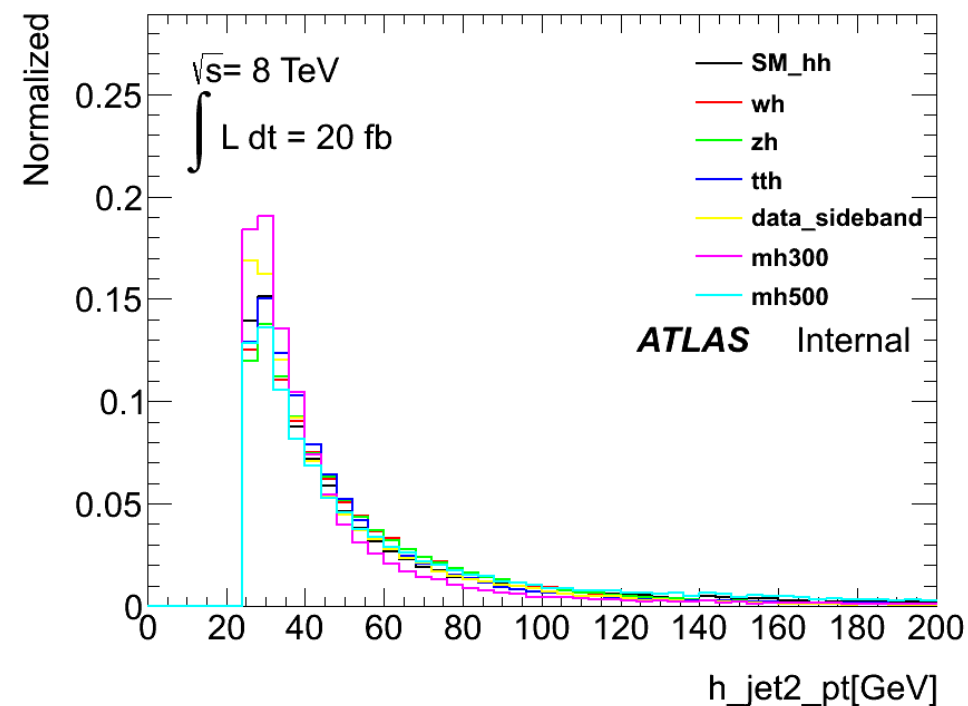
Huijun's status

2014/12/03

- is the BCH cleaning applied? Is that the l162?
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Answering the questions from EB

1. Remake all the plots to fit their requirement
2. The optimization of high mass point is done, calculating
3. Investigating the MET_significance

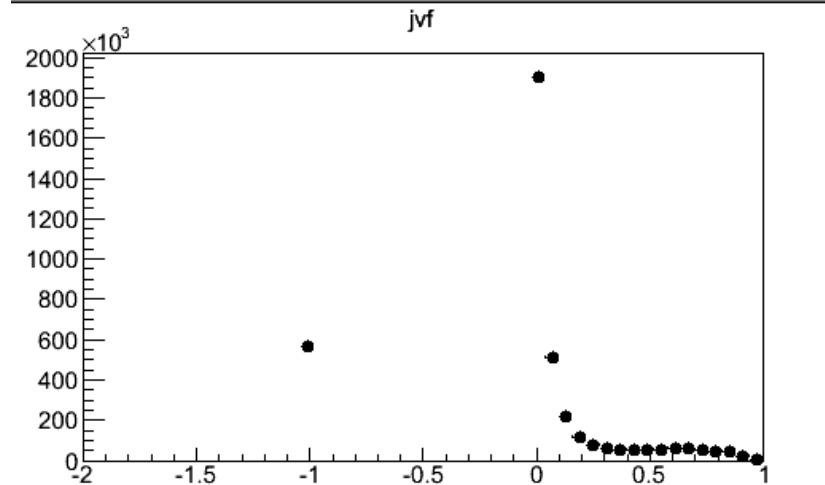
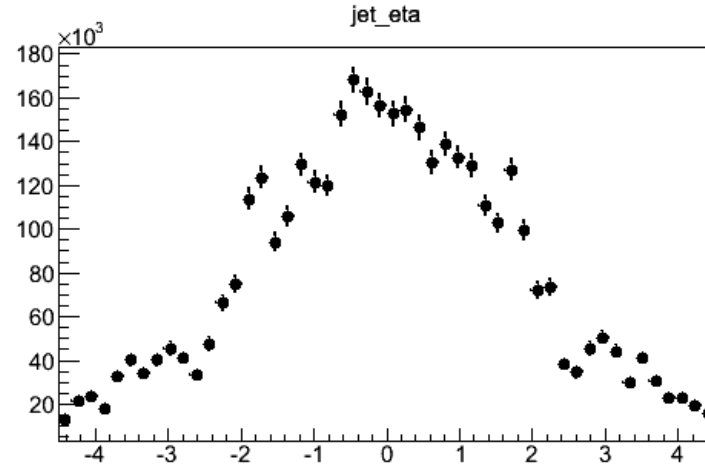
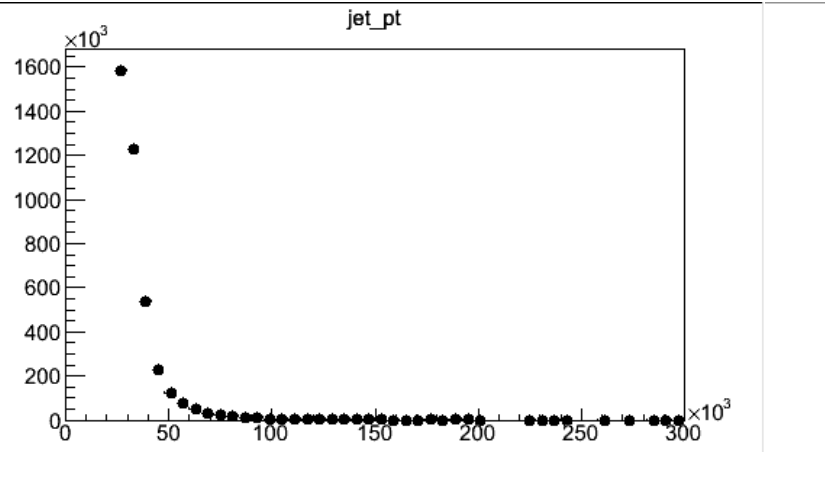


Pile-up study on VBF prospect study

Sample related to next run is done.

Thinking of adding tracking confirmation

Pile-up study on VBF prospect study



Pile-up study on vbf prospect study

At the moment we do not have jet mass

I don't think it's a problem if we consider most pile-up jets are light jet if we use them to reconstruct M_{jj}

Since the mass of jets are much more less than 1 GeV while or jets_pt are over 25GeV

if $E \approx P \gg m$

Then $M_{12}^2 = m_1^2 + m_2^2 + 2p_1 p_2 (1 - \cos \Delta\theta)$