

# Huijun's status

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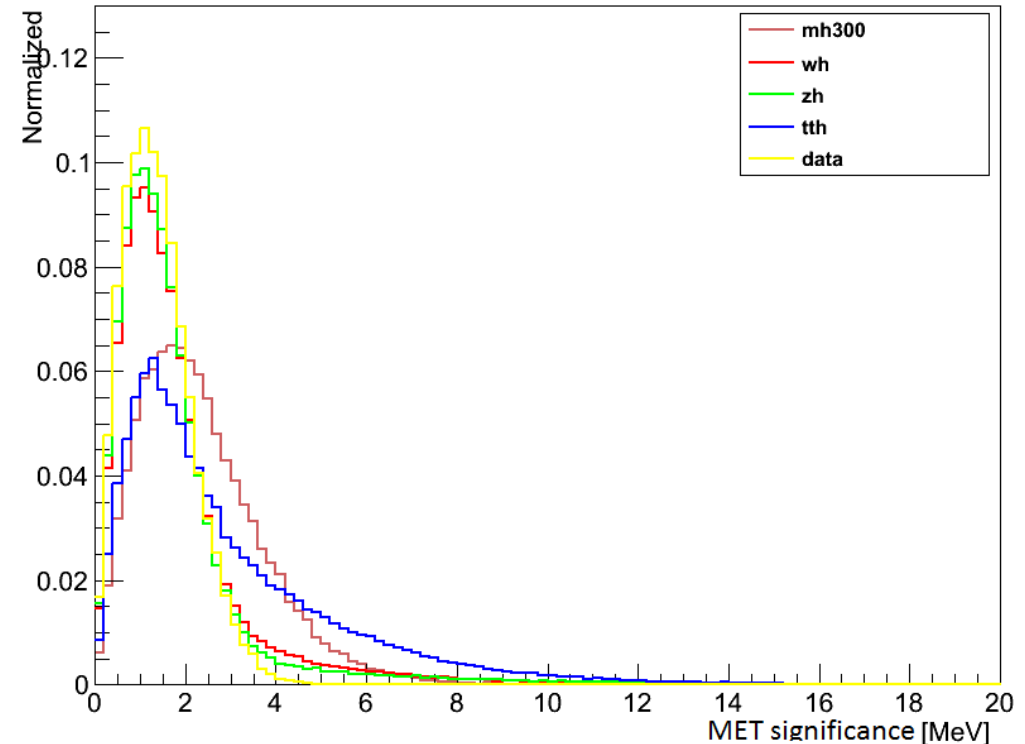
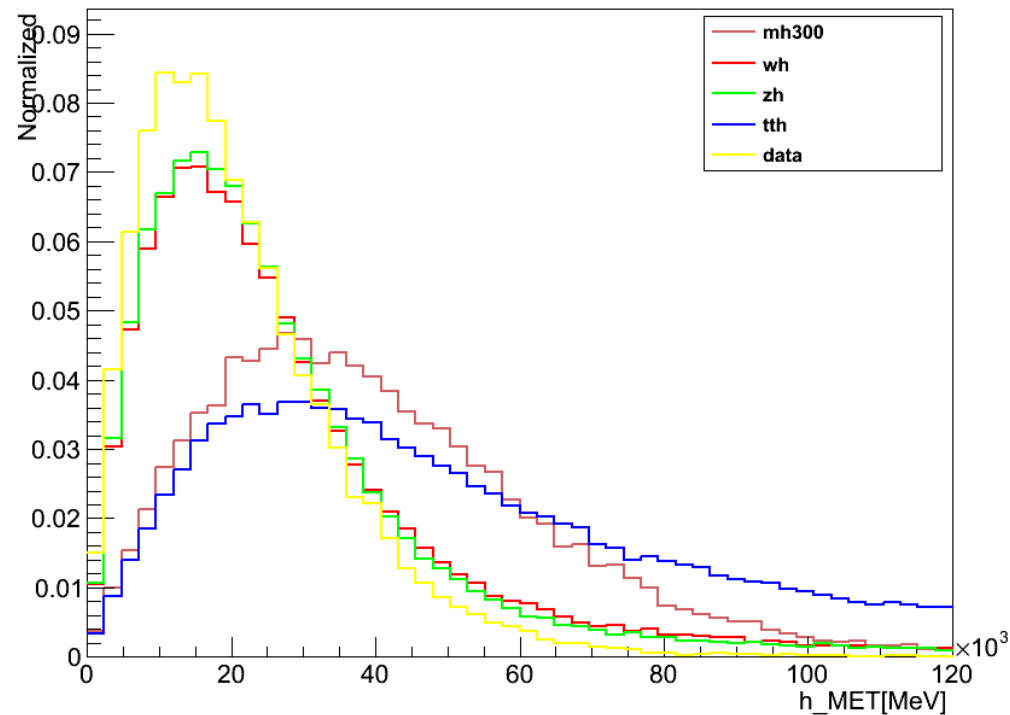
2014/11/19

# BSM $H \rightarrow hh \rightarrow W\gamma\gamma$ analysis

## CUT on MET

Instead of using MET we can use MET significance to avoid the problem of MET resolution

Also the rejection of ZH will be better if we use MET significance



# BSM $H \rightarrow hh \rightarrow W\gamma\gamma$ analysis

## Note status

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Most plots are done.

New systematics are running on atlasuqe

Tables of signal yields, systematics and the MET selection part will be done as soon as I get the new results after changing MET cut

Preparing a talk on Monday

# Pile-up study on vbf prospect study

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found some bugs in clone tree and jet\_phi