

Weekly Meeting

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IHEP

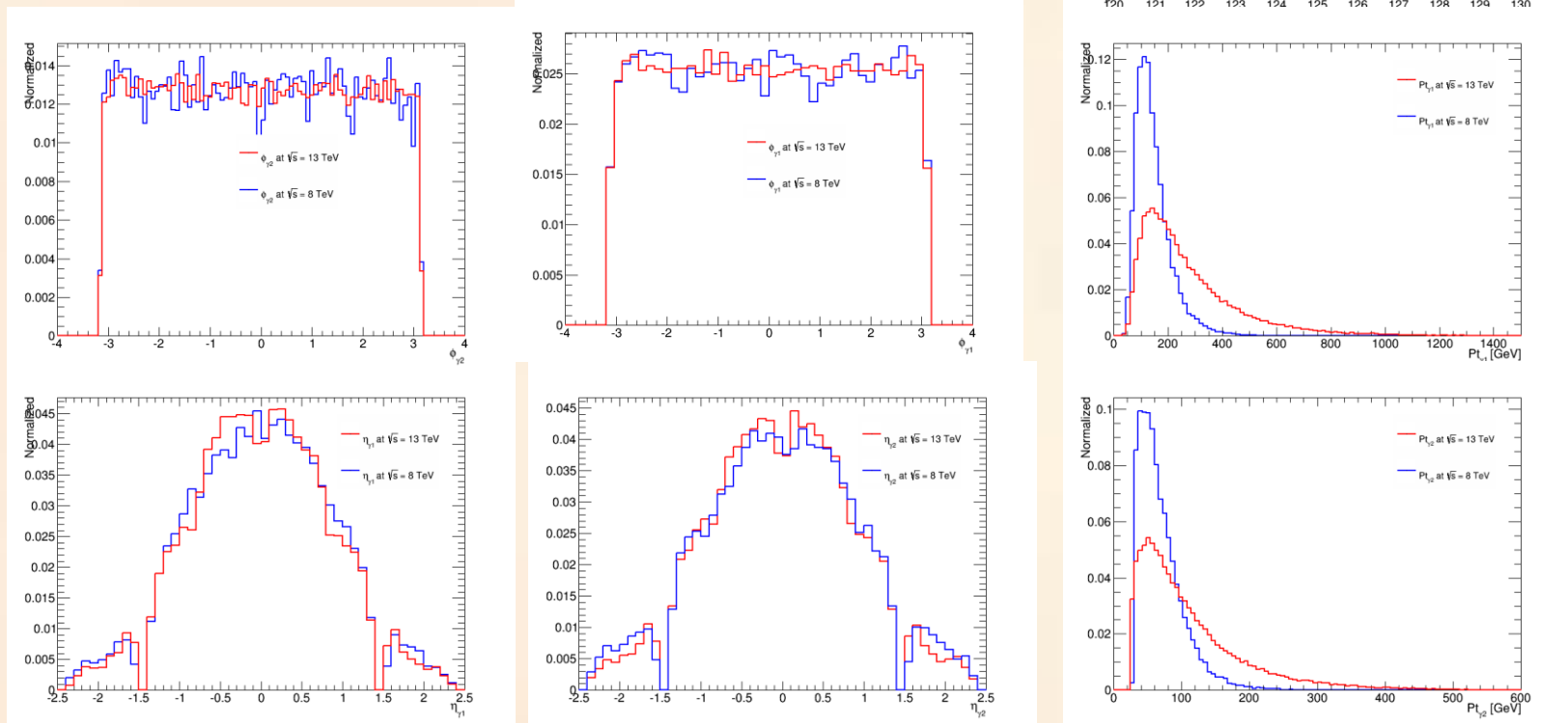
11/30/2015

$pp \rightarrow hh \rightarrow \gamma\gamma WW \rightarrow \gamma\gamma jjjj$

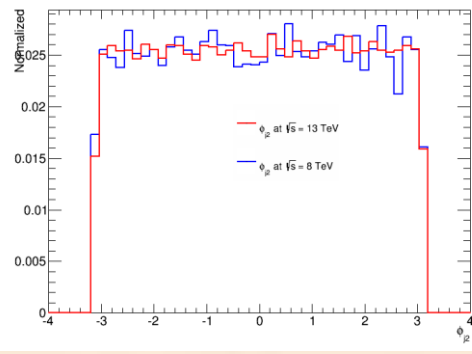
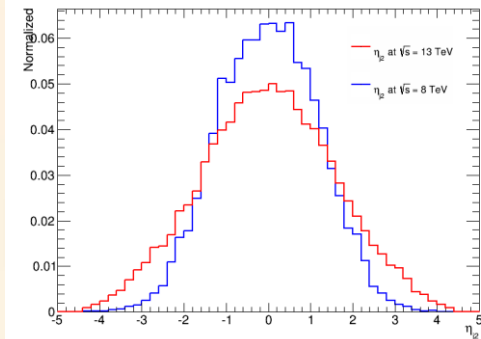
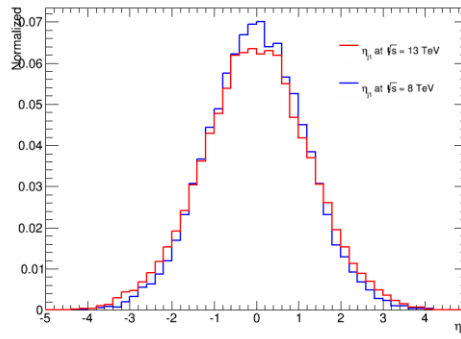
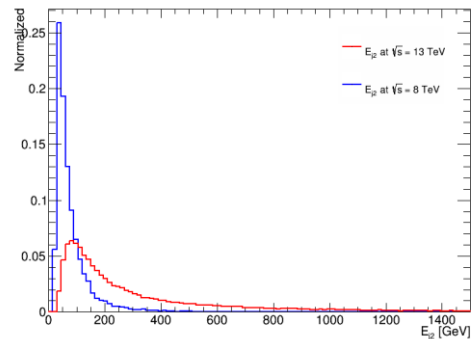
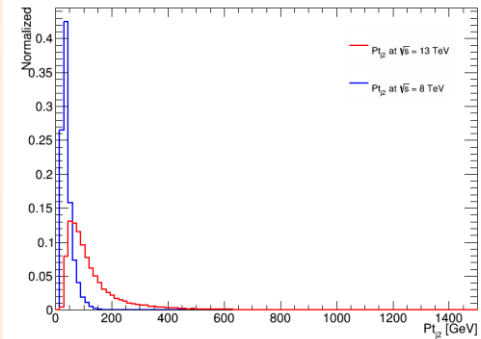
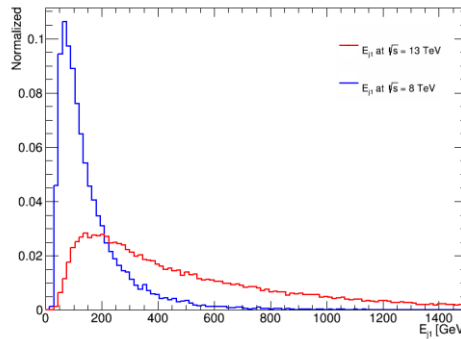
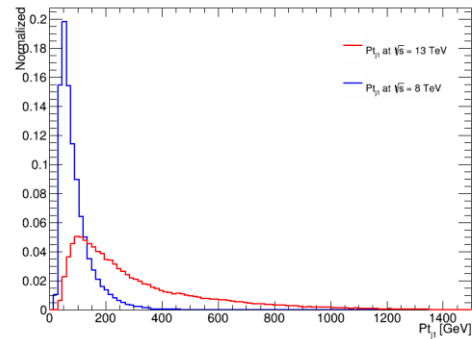
- $Pt(\text{muon}) > 4\text{GeV}$
- $Pt(\text{elec}) > 7\text{GeV}$
- $Pt(\text{leading}) \geq 0.35$ and ≥ 0.25 (subleading) of $m_{\gamma\gamma}$
- Others are same as what are defined in the HGamma Analysis framework.

Comparison between 8TeV and 13TeV

- $\text{abs}(m_{\gamma\gamma}-0.15-125.6)<3.2$
- Non-res MC signal sample



Comparison between 8TeV and 13TeV



Compare Jets

