

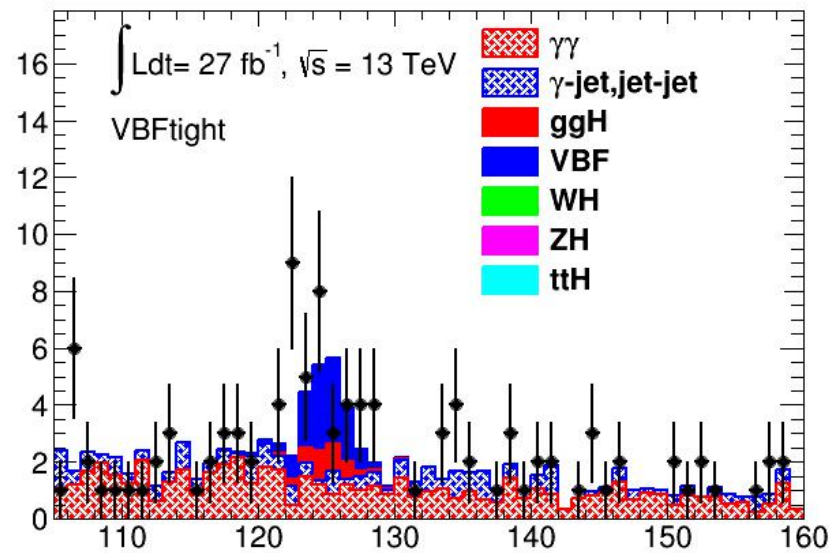
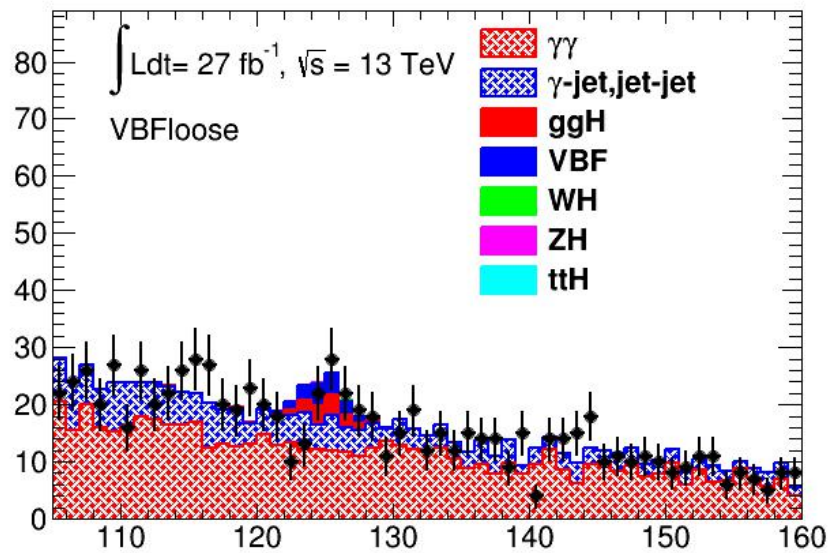
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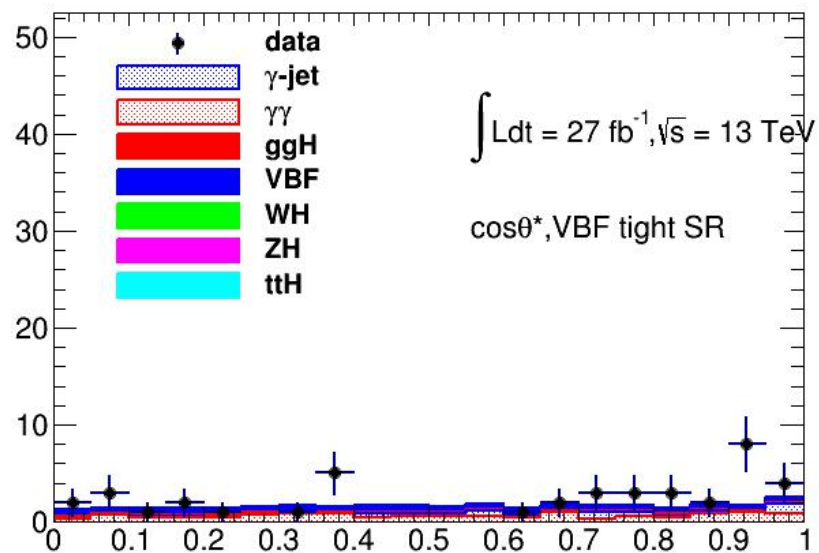
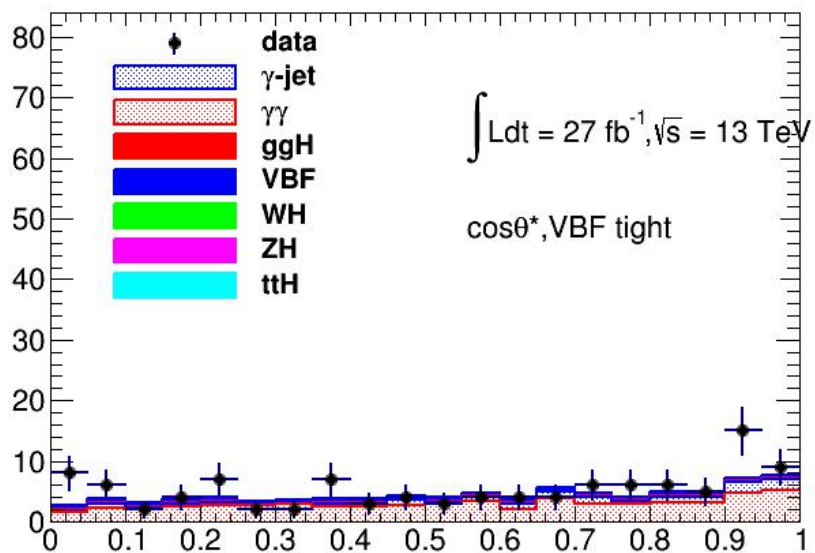
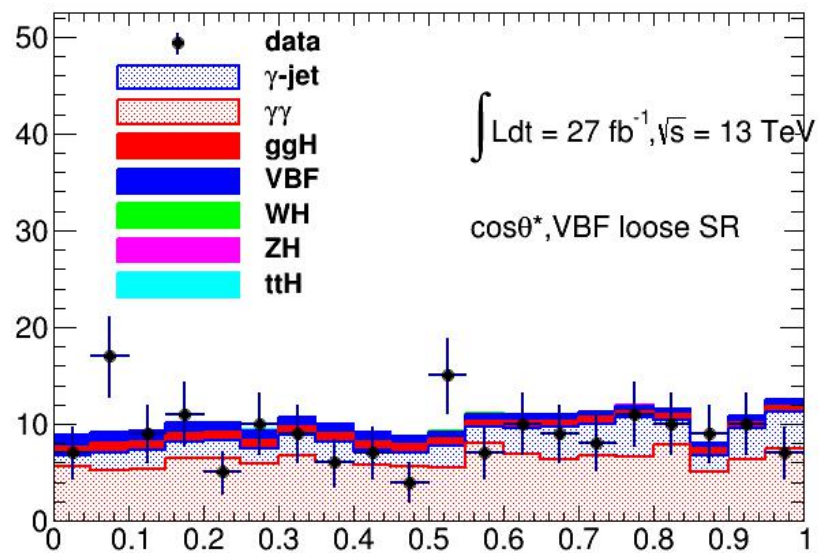
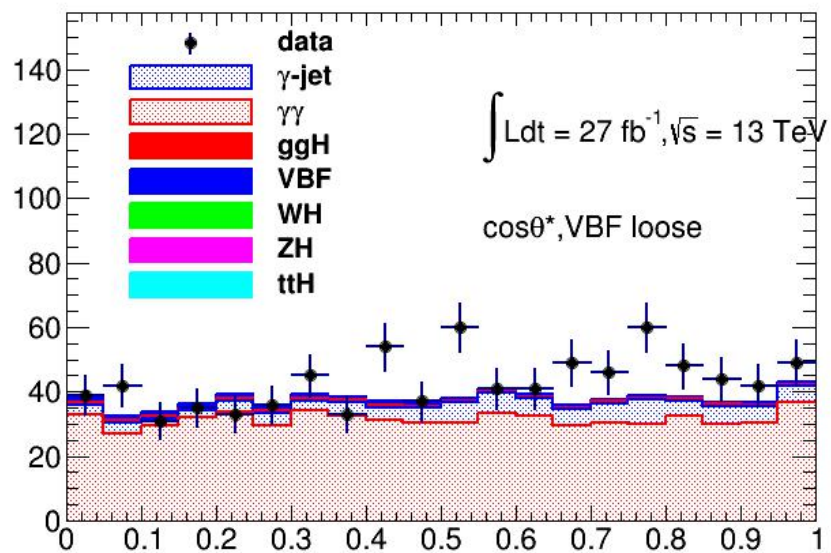
1

- $\cos\theta^*$ in VBF tight and loose
- my shape in different slice
 - split VBF tight events into different slices

data/mc comparison

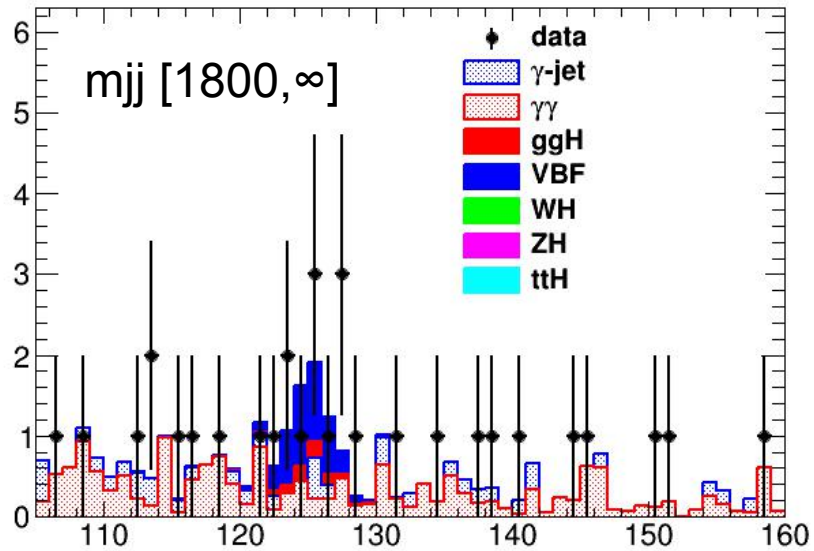
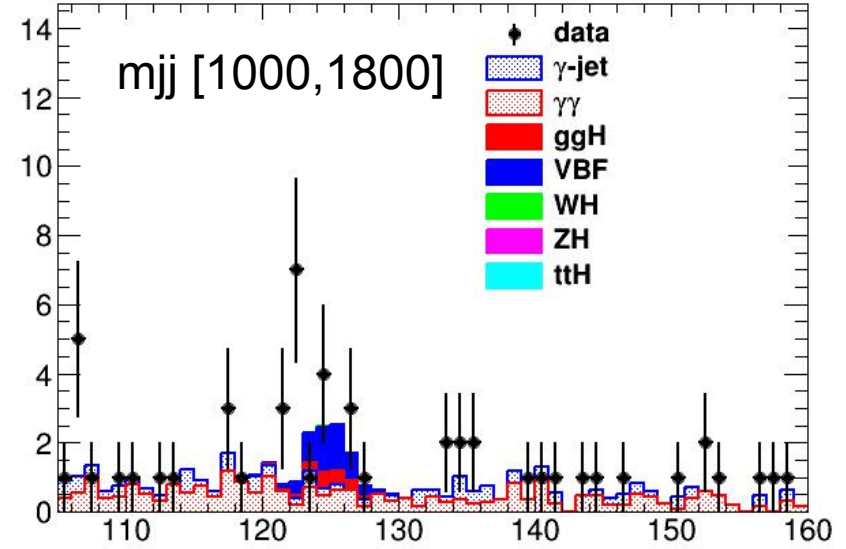
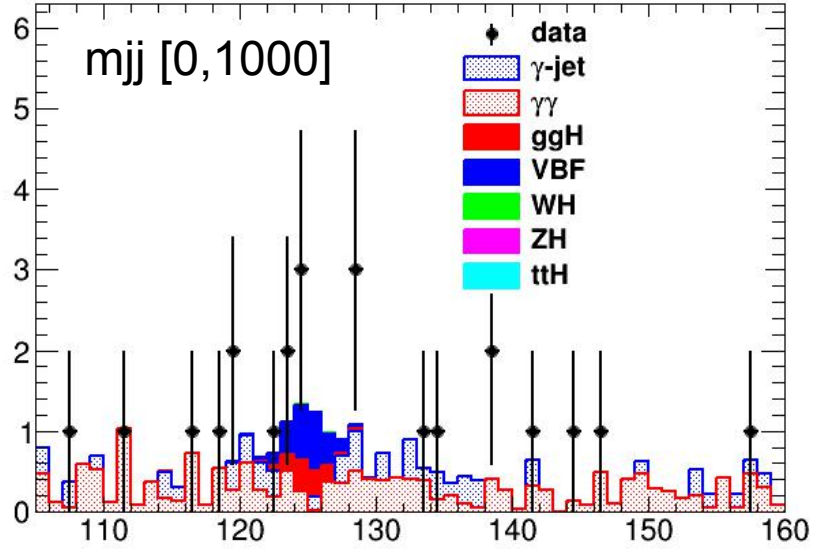
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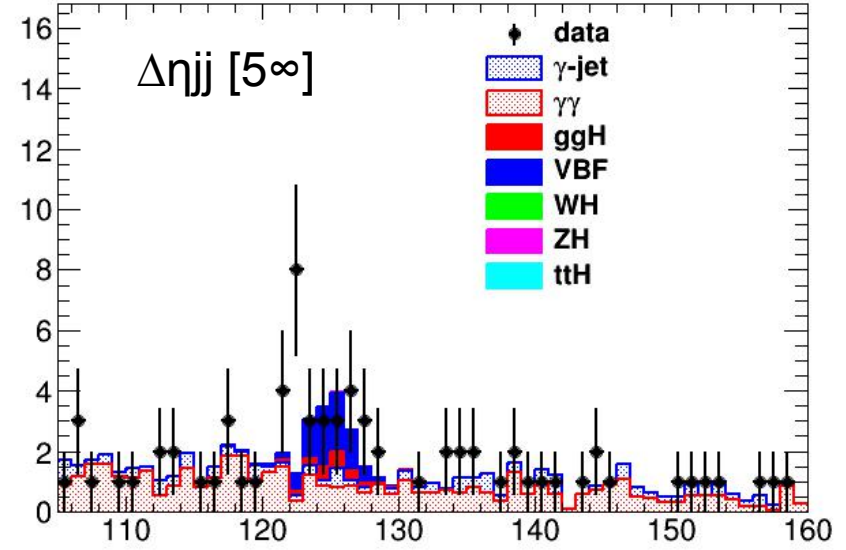
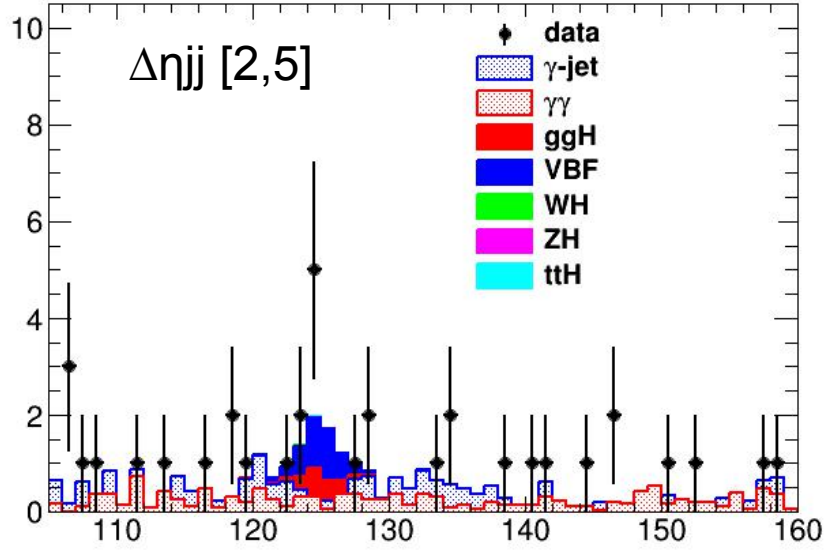
mjj slice

4

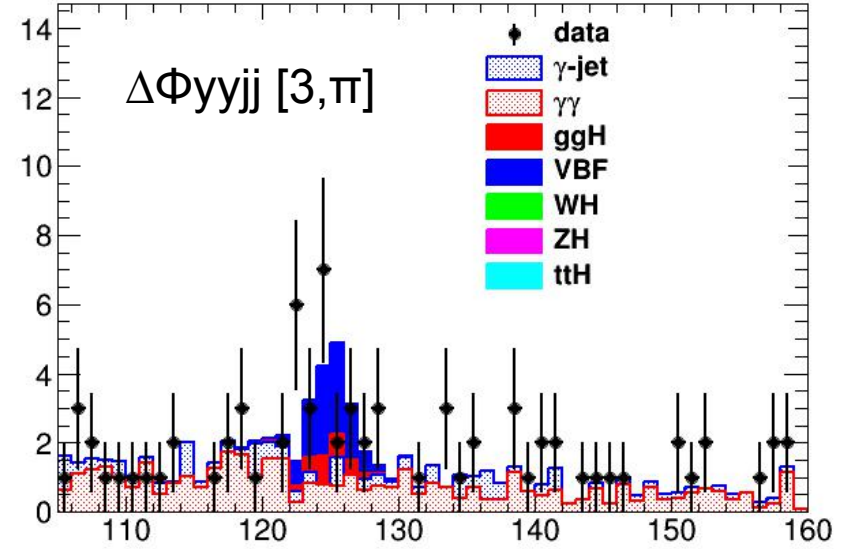
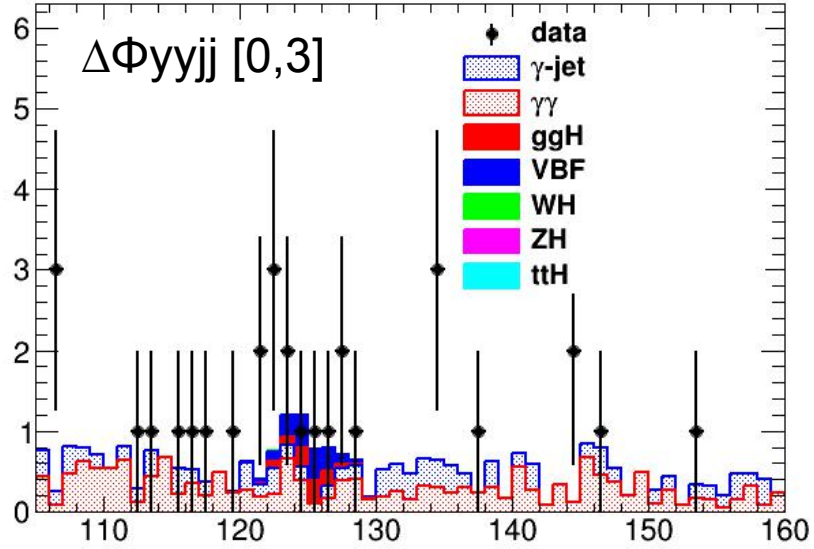


$\Delta\eta_{jj}$ slice

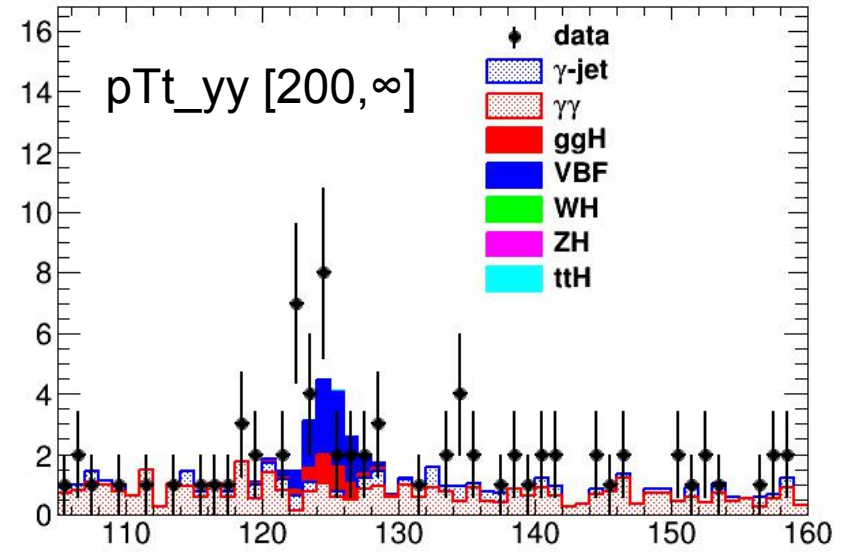
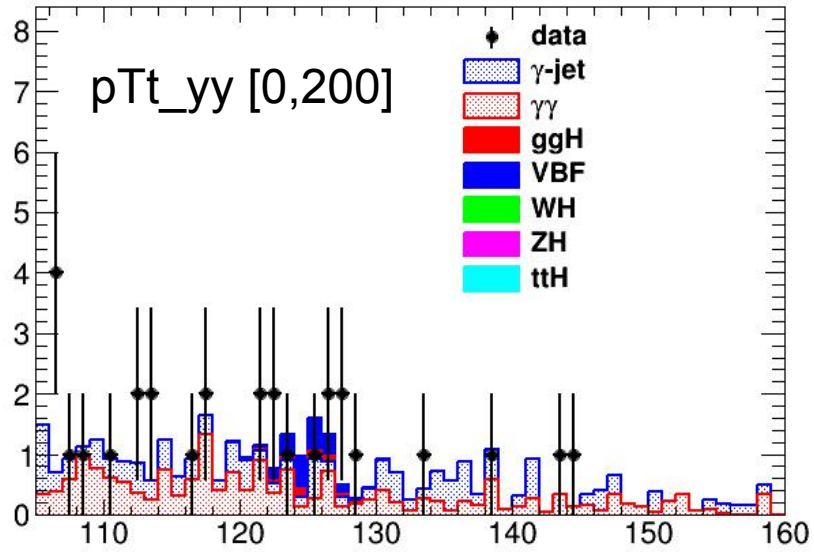
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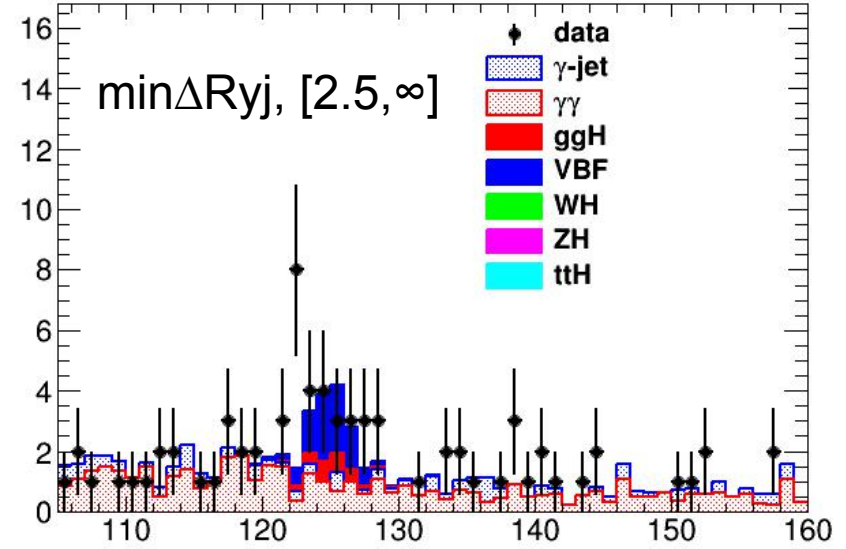
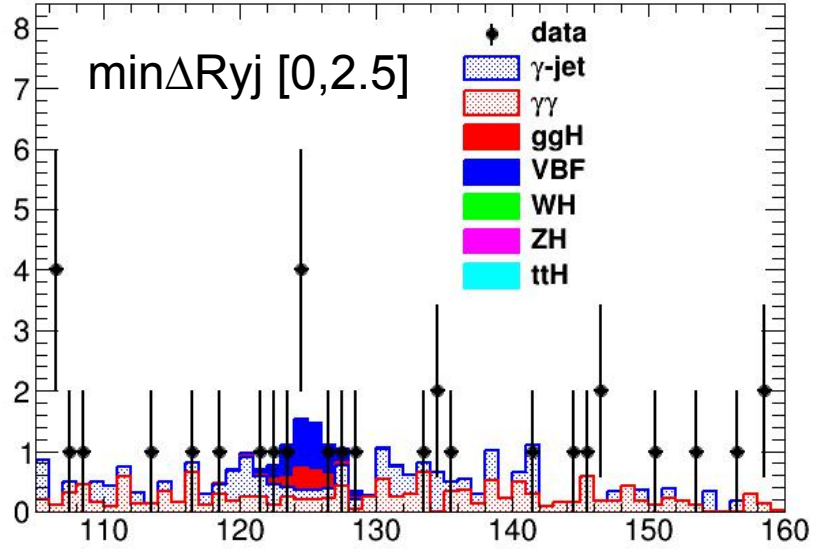
$\Delta\Phi_{yyjj}$ slice



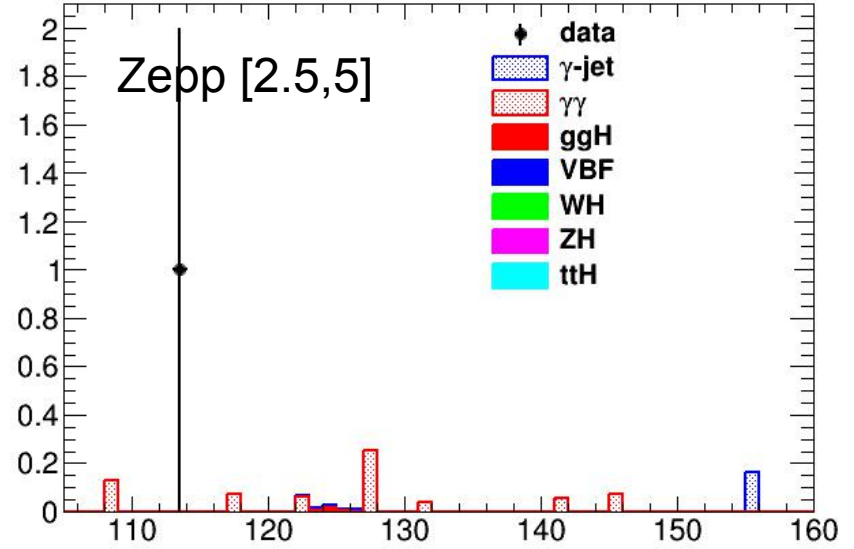
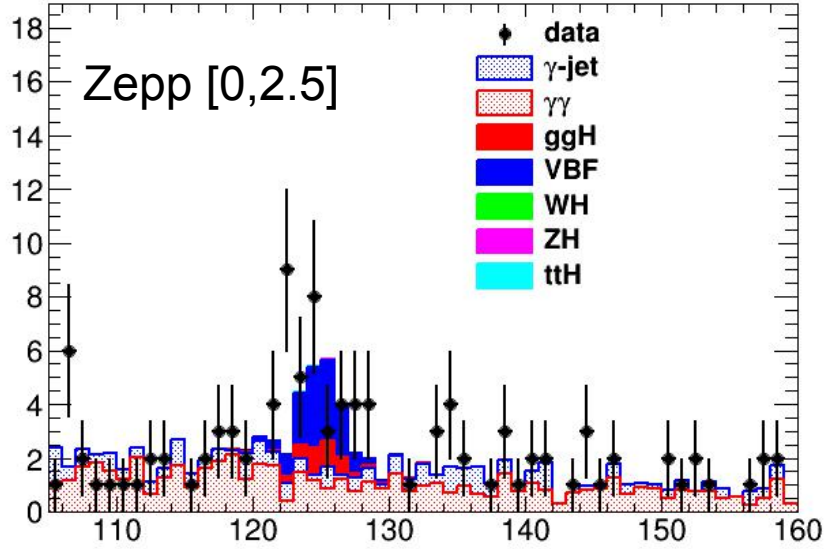
pTt_yy



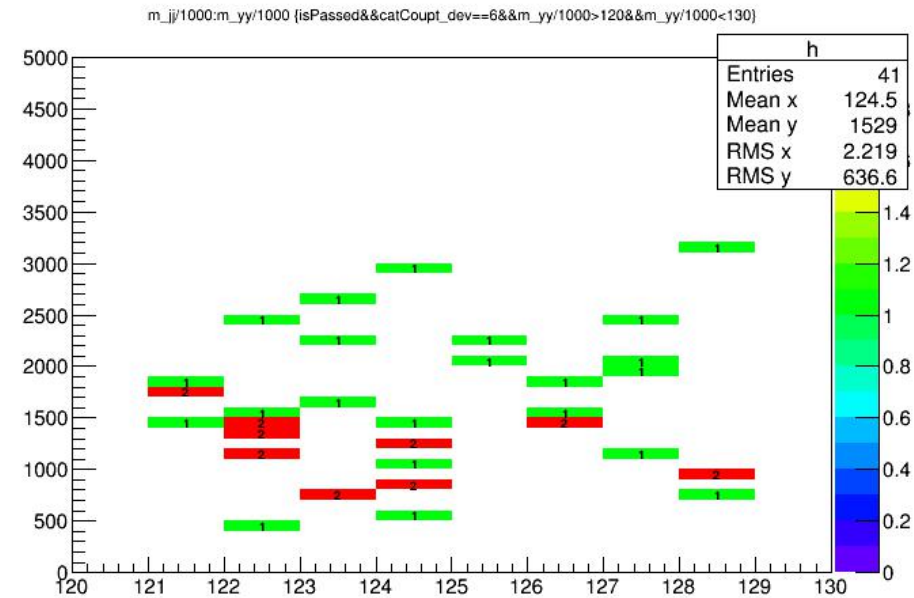
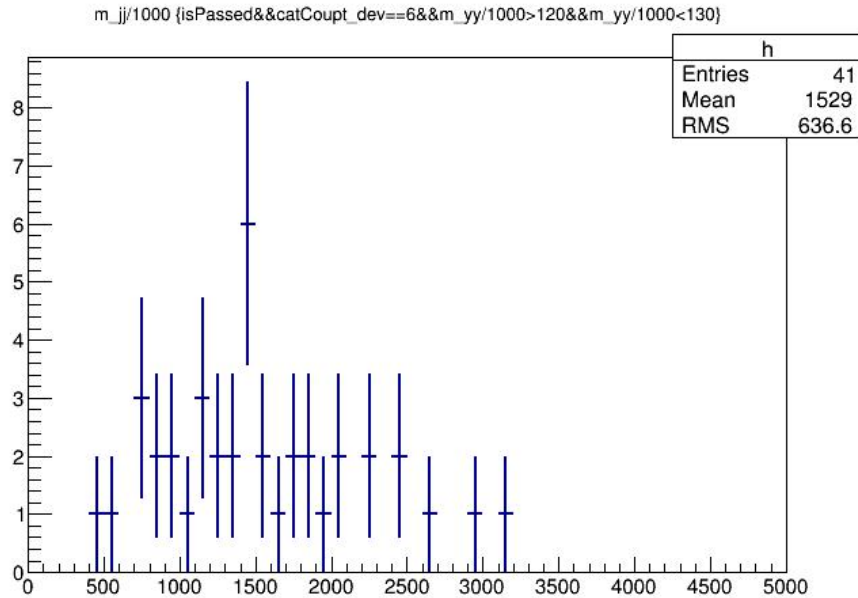
min ΔR_{yj} slice



Zepp slice

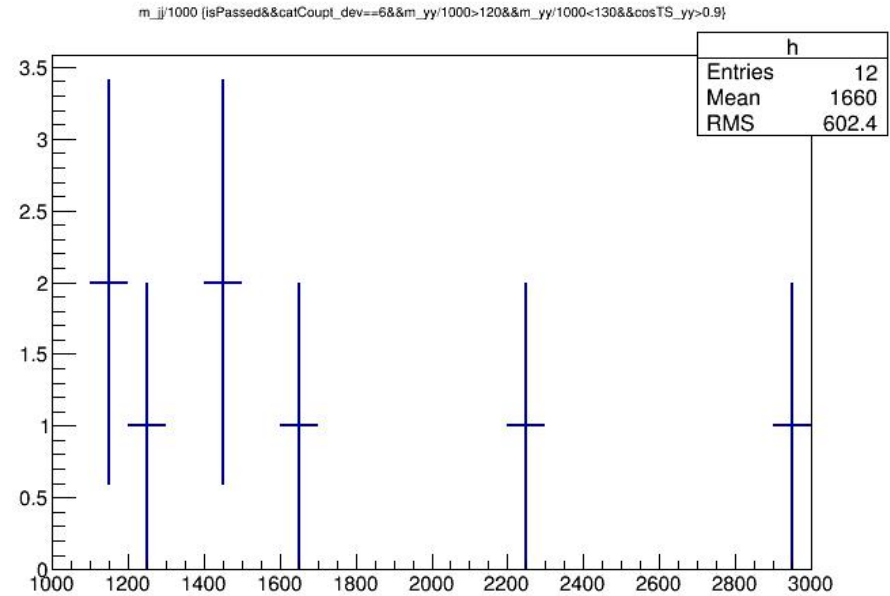
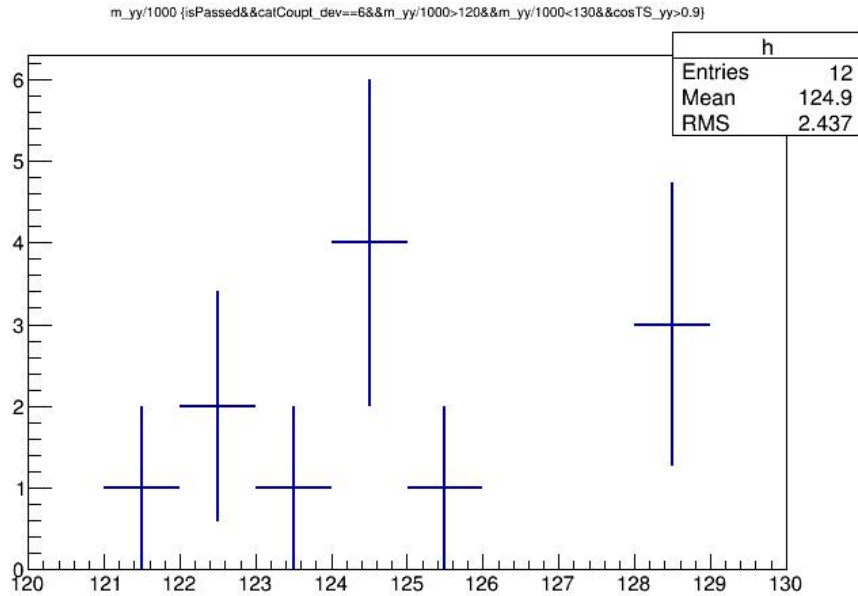


- left : mjj in VBF tight in myy [120,130]GeV
- right : mjj vs myy in VBF tight



$\cos\theta^* > 0.9$ SR VBF tight

- left : myy right : mjj



- slide 2 : in VBF tight, 124 peak is within 2sigma error bar but 122 peak is not expected
- slide 3 : in high $\cos\Theta_{\text{Star}}$ region, stable 6~8 events excess
- slide 4 : 122 GeV events mostly come from m_{jj} [1000,1500]GeV
- slide 5~9 : myy shape in different slices
- slide 10 : m_{jj} and 2D m_{jj} vs myy plot
- slide 11 : low statistic in high $\cos\Theta_{\text{Star}}$ region
- hard to conclude but a rough impression
- Any suggestions?