

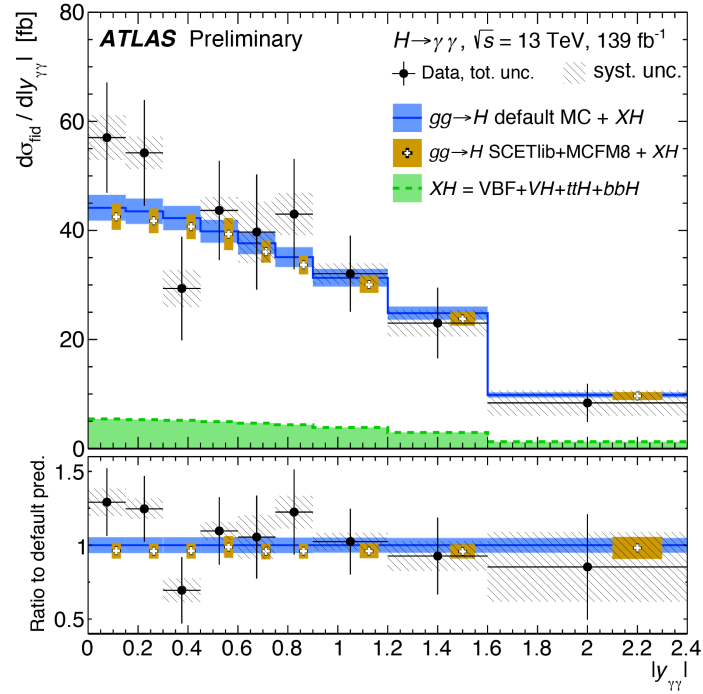
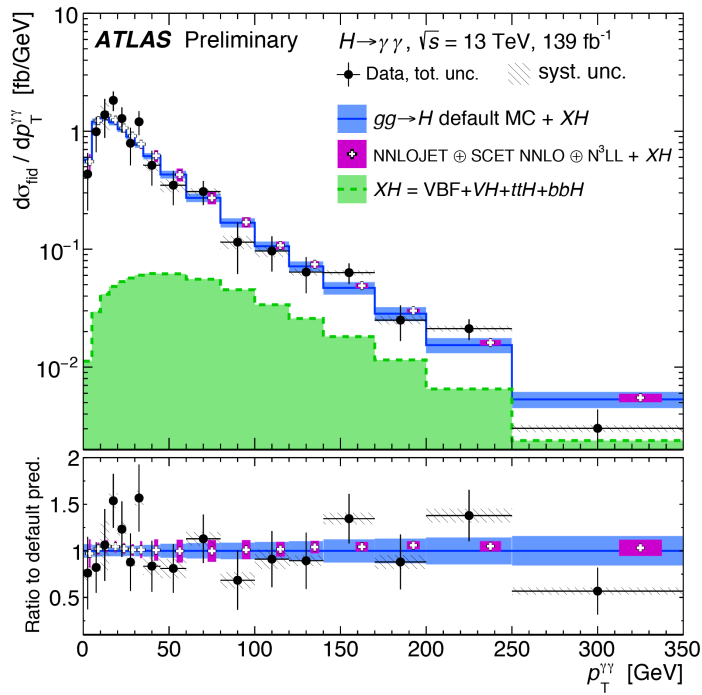
# Weekly Report

Xin Shuiting

2/Dec/2019

# 2HDM+S model signal work

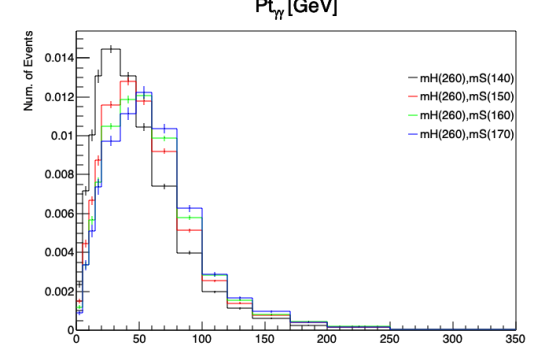
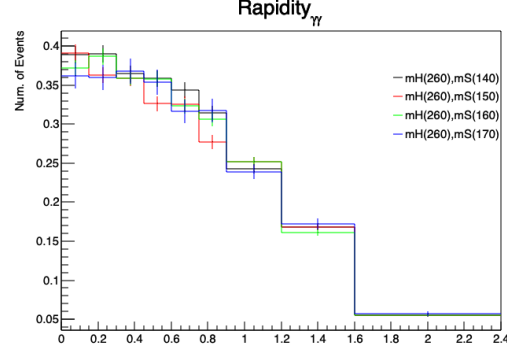
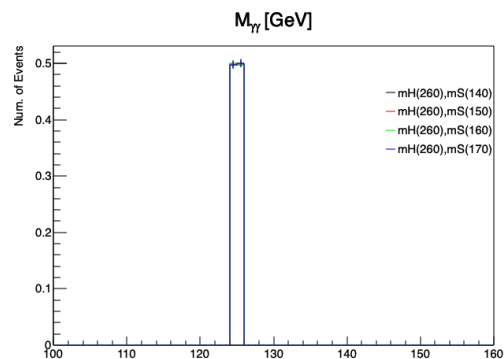
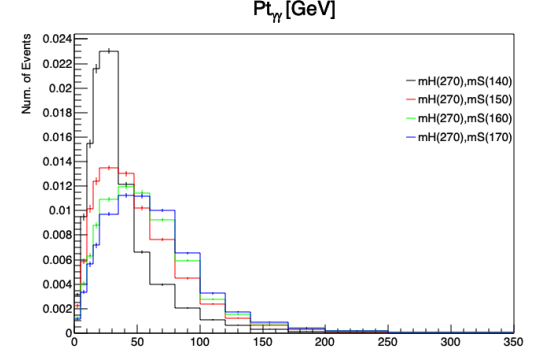
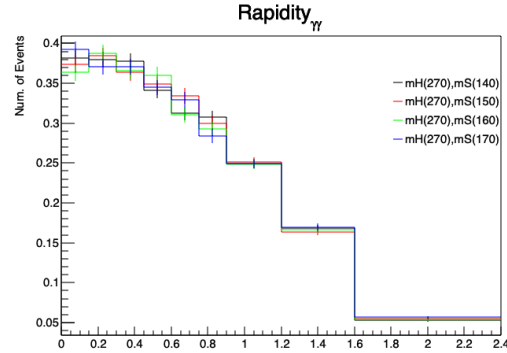
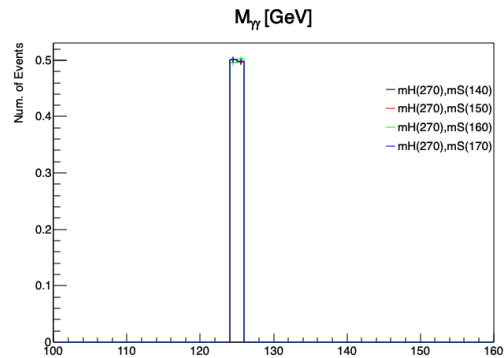
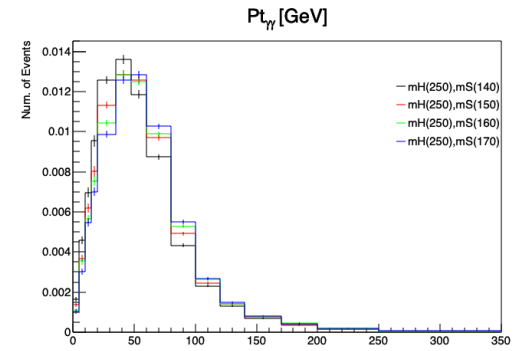
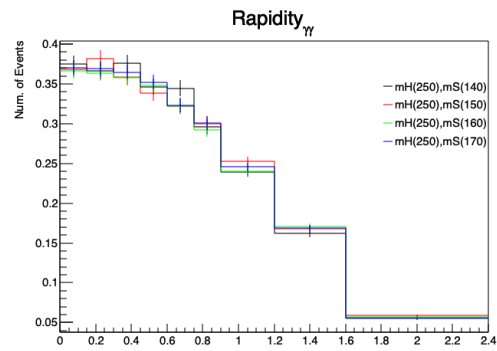
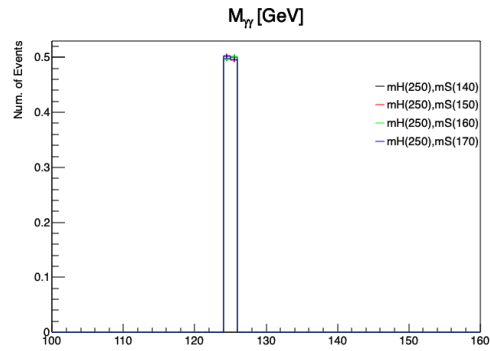
ATLAS-CONF-2019-029



data tends to be more central than prediction  $0 < |y| < 1$

# Higgs pt and $|\gamma|$ distributions

## ATLAS binning



Fix some bugs and increase more events

# Next step

- Draw with CMS binning
- fitting the Data from ATLAS and CMS plots with the SM + BSM