8.15-8.22工作汇报

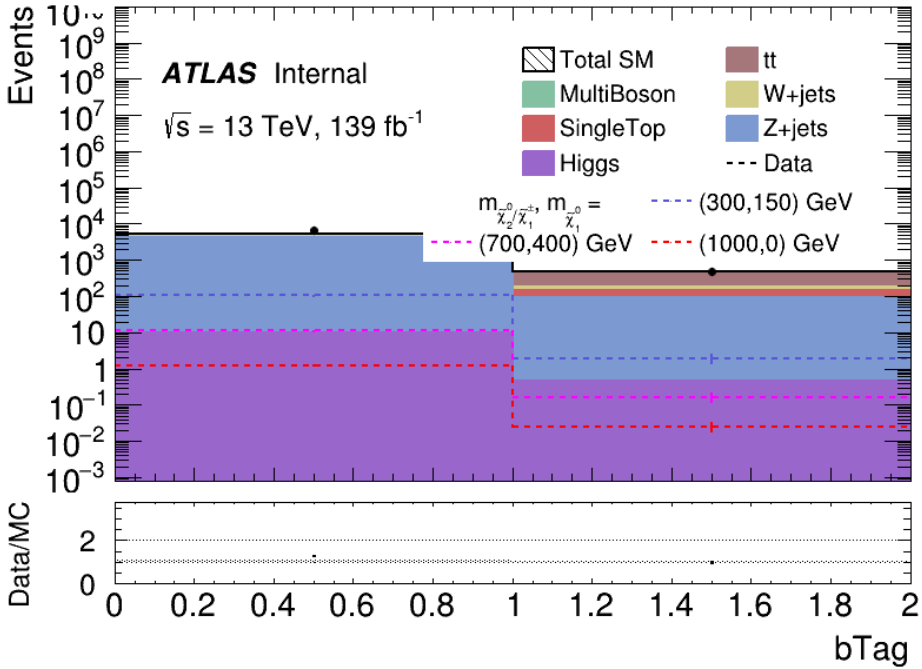
- Data/MC图绘制
- Signal/Bkg图初步绘制

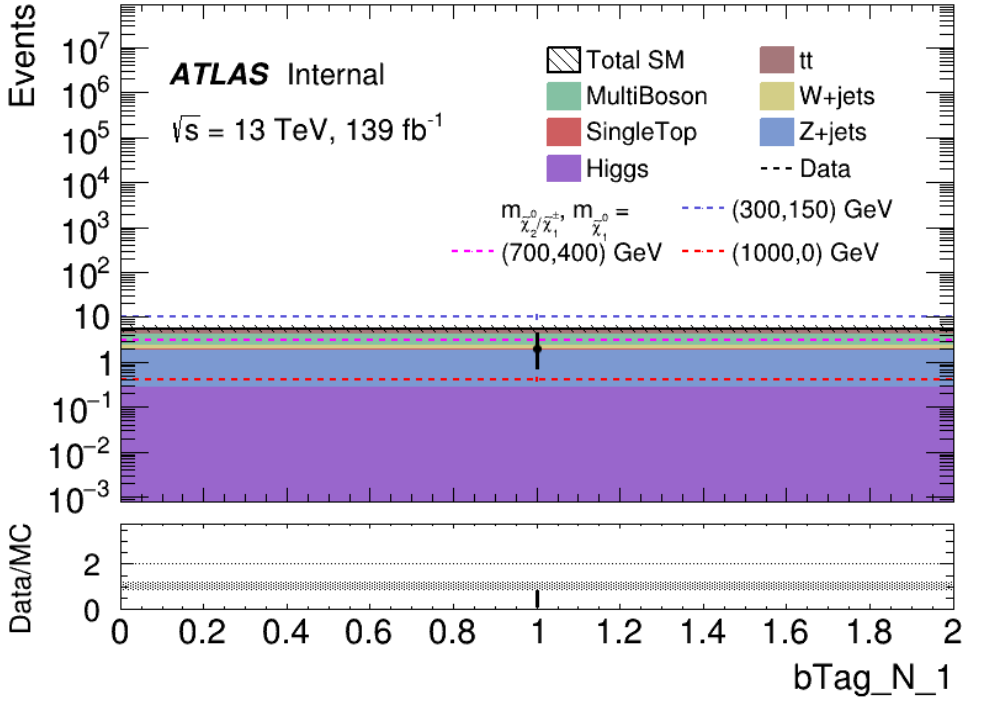
潘超钰

• Data/MC图

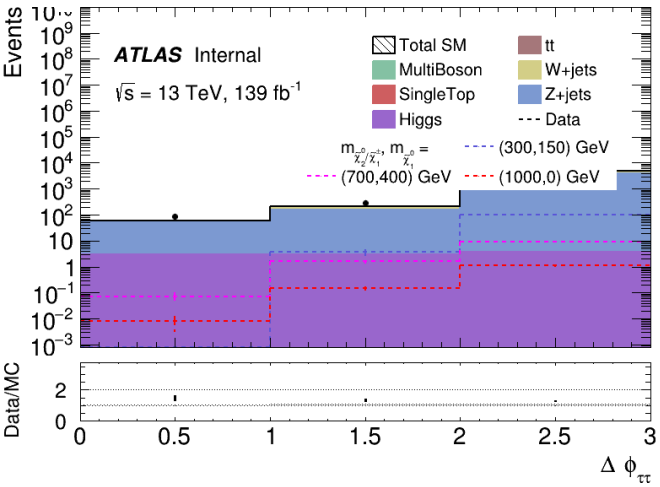
- bTag

bTag_N_1

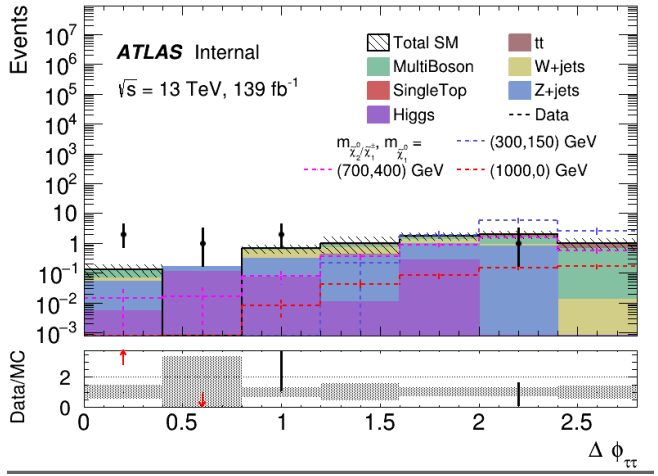




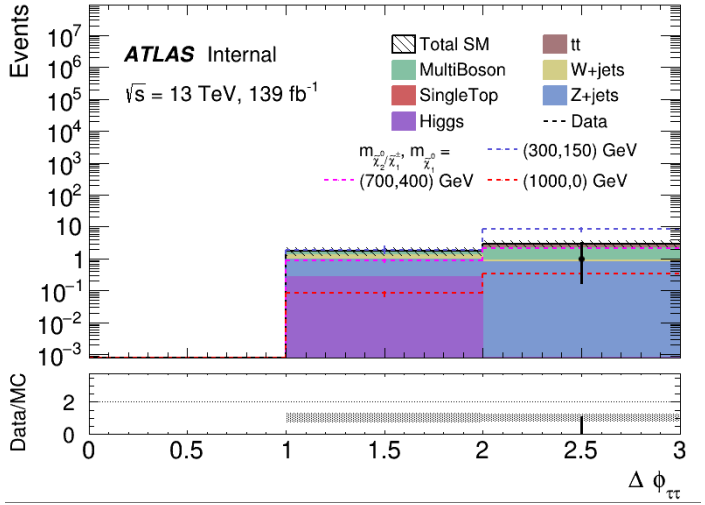
dPhitt



dPhitt_N_1



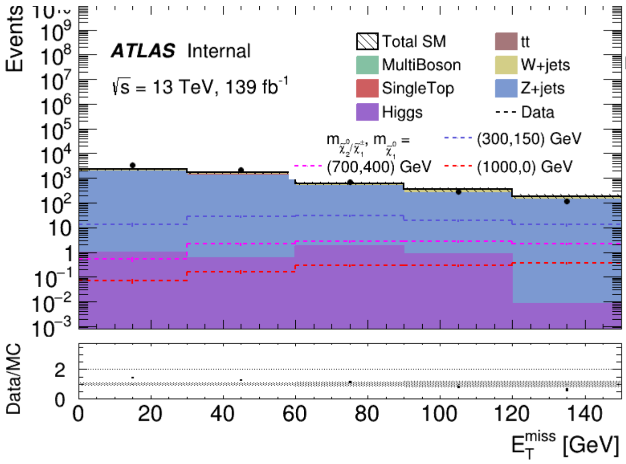
dPhitt_low

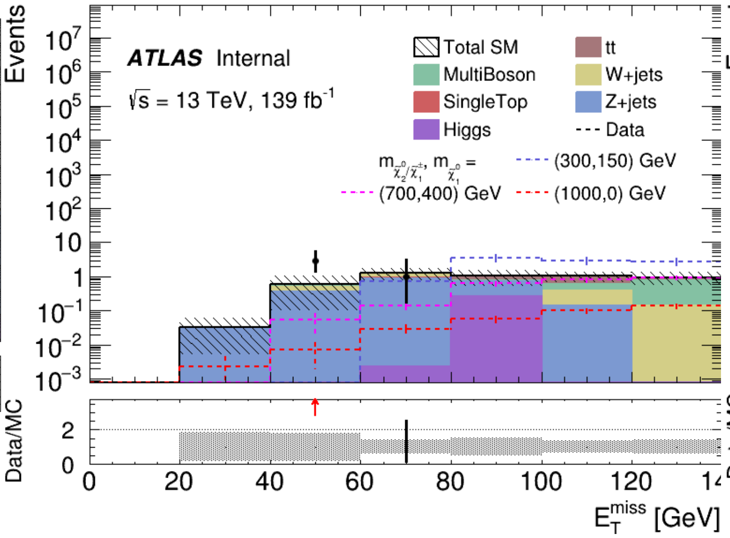


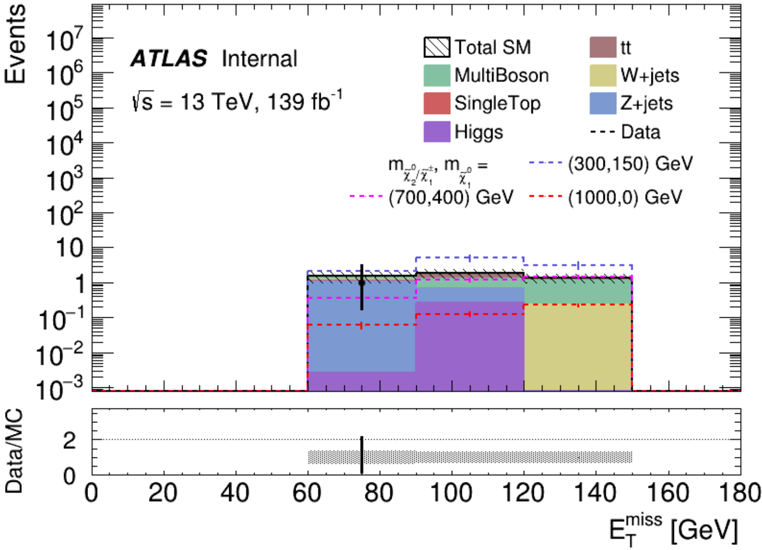
- MET

MET_N_1

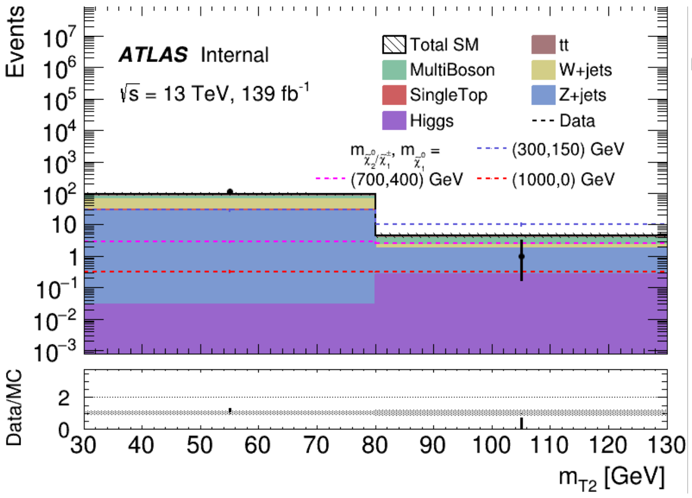
MET_low

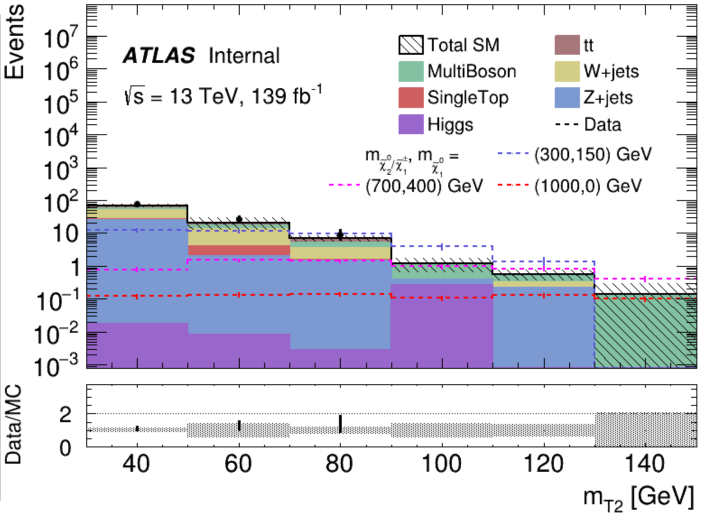


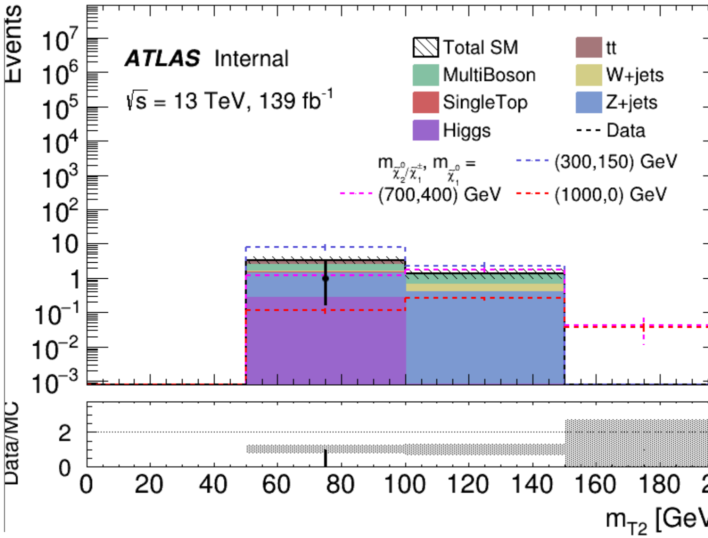




- MT2 MT2_N_1 MT2_low







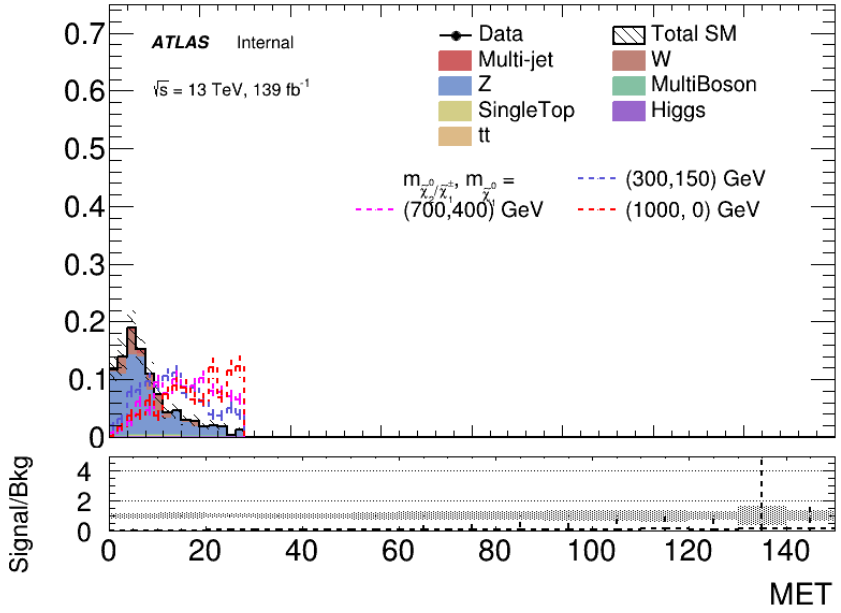
sharp

- 对各个本底归一化，得到相对应的占比。

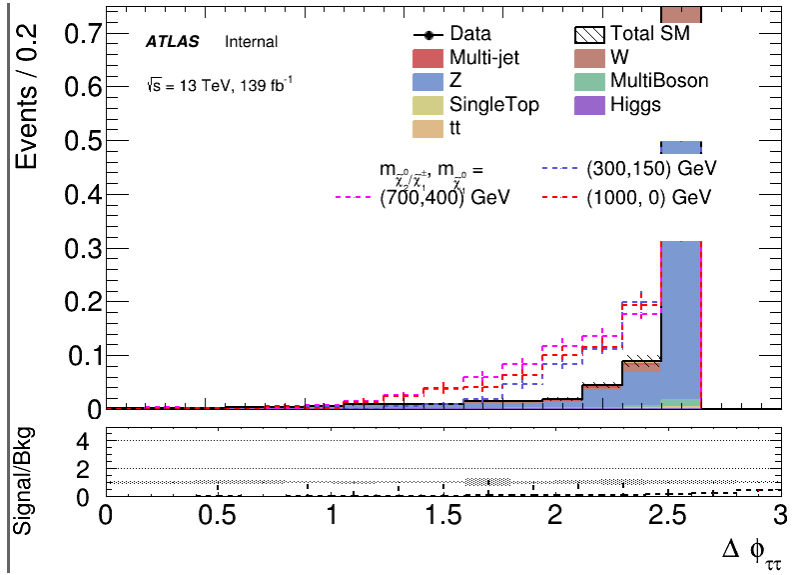
```
//归一化 normalized (bkg & signal)
histsig->Scale(1/histsig->Integral());
histsig2->Scale(1/histsig2->Integral());
histsig3->Scale(1/histsig3->Integral());
TH1F*histBkg = (TH1F*)histHiggs->Clone();
histBkg->Add(histTop);
histBkg->Add(histMultiBoson);
histBkg->Add(histZ);
histBkg->Add(histW);
histBkg->Add(histQCD);
histBkg->Add(histtt);
/  histBkg->Scale(1/histBkg->Integral());
histHiggs->Scale(1/histBkg->Integral());
histTop->Scale(1/histBkg->Integral());
histMultiBoson->Scale(1/histBkg->Integral());
histZ->Scale(1/histBkg->Integral());
histW->Scale(1/histBkg->Integral());
histQCD->Scale(1/histBkg->Integral());
histtt->Scale(1/histBkg->Integral());
std::cout<<"Scale"<<endl;
```

• Signal/Bkg图初步绘制

- MET



dPhitt



本周安排

- 对Signal/Bkg图的draw.C进一步修改完善。
- 修改DitauMET.cxx,尝试减少cut,绘制较loose的直方图。

Thanks.