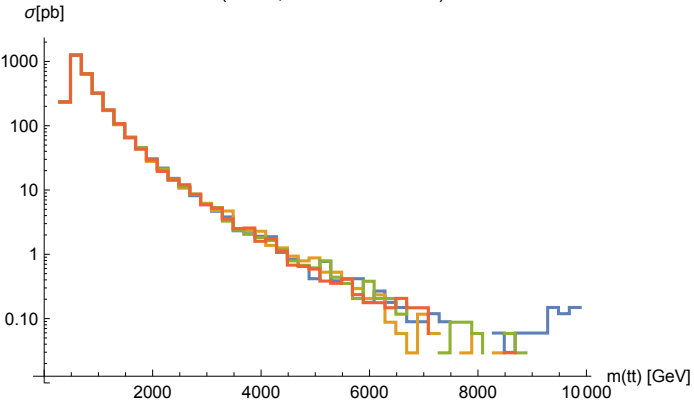


$t\bar{t}$ bar(nocut, mll and emi cuts)



— $\text{mumu} \rightarrow \text{ttmumu}$ (NO CUTS, not in Marco plot)

— $\text{mumu} \rightarrow \text{ttmumu}$ mll>200

— $\text{mupe} \rightarrow \text{ttmupe}$ emicut 2.5

— $\text{mupe} \rightarrow \text{ttmupe}$ emicut 5