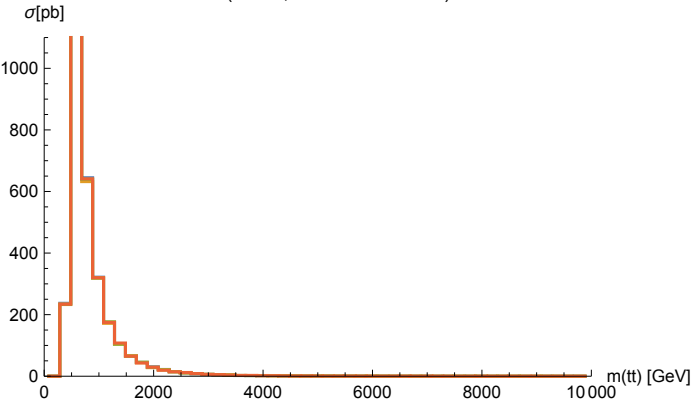


$t\bar{t}$ bar(nocut, mll and emi cuts)



— mumu \rightarrow ttmumu (NO CUTS, not in Marco plot)

— mumu \rightarrow ttmumu $m_{ll} > 200$

— $\mu\mu e e \rightarrow t\bar{t}\mu\mu e e$ emicut 2.5

— $\mu\mu e e \rightarrow t\bar{t}\mu\mu e e$ emicut 5