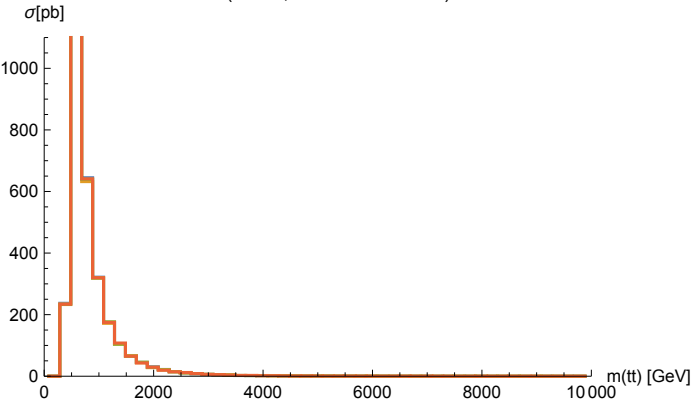


$t\bar{t}$ bar(nocut, mll and emi cuts)



— $\mu\mu \rightarrow t\bar{t}\mu\mu$ (NO CUTS, not in Marco plot)

— $\mu\mu \rightarrow t\bar{t}\mu\mu$ $m_{ll} > 200$

— $\mu\mu e \rightarrow t\bar{t}\mu e$ e miss cut 2.5

— $\mu\mu e \rightarrow t\bar{t}\mu e$ e miss cut 5