

$t\bar{t}$ bar(nocut and  $m_{ll} > 200$ ) (Linear)



- mumu  $\rightarrow$   $t\bar{t}$  mumu
- mumu  $\rightarrow$   $t\bar{t}$  mumu Only QED
- mumu  $\rightarrow$   $t\bar{t}$  mumu No QED
- mumu  $\rightarrow$   $t\bar{t}$  mumu mll > 200
- mumu  $\rightarrow$   $t\bar{t}$  mumu Only QED mll > 200
- mumu  $\rightarrow$   $t\bar{t}$  mumu No QED mll > 200
- mue  $\rightarrow$   $t\bar{t}$  mue No QED (no mll cut)