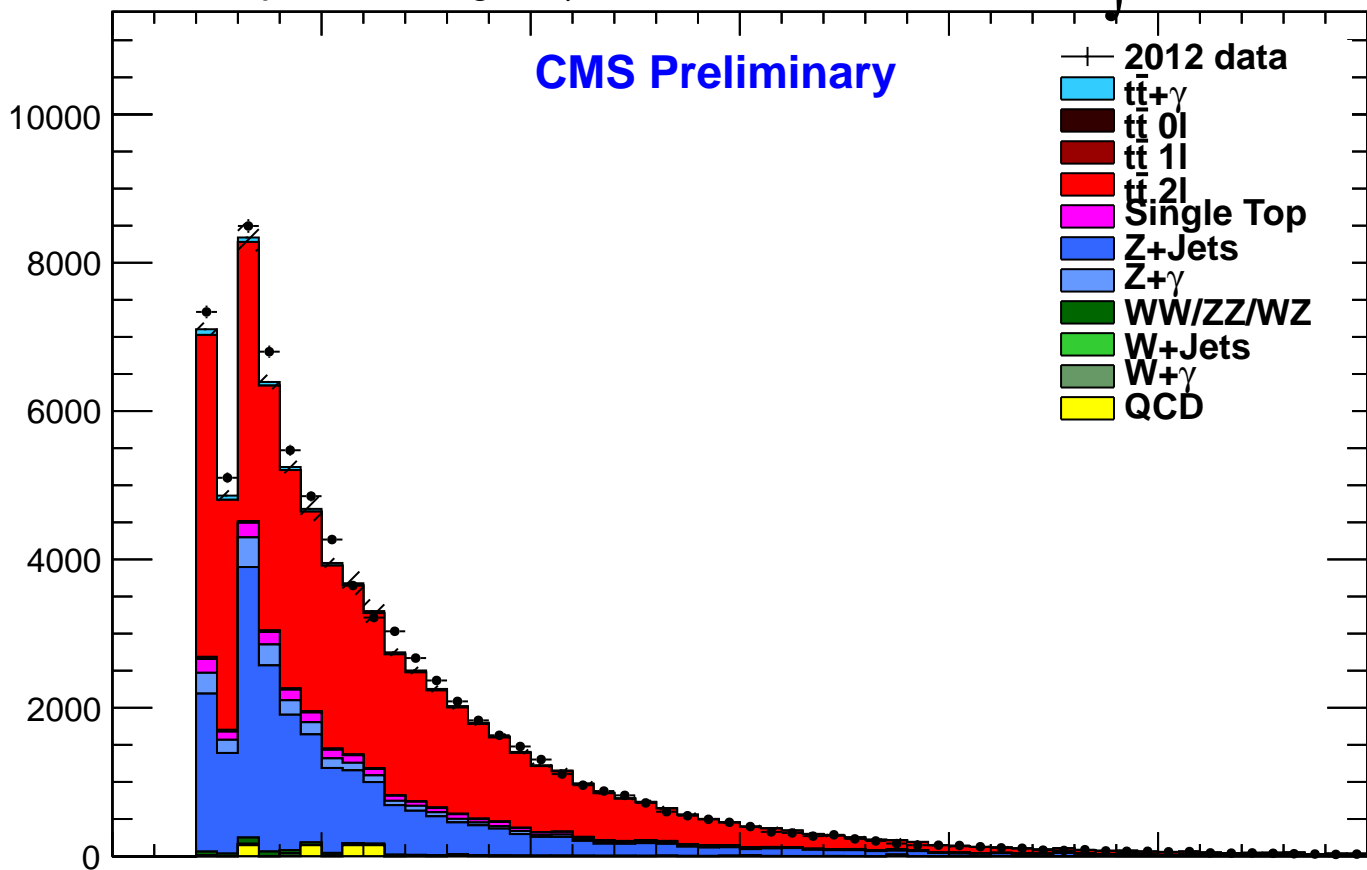


$e^+e^-$ ,  $\geq 2$  jets,  $\geq 1$  btag  $\geq 1 \gamma$

$\sqrt{s} = 8 \text{ TeV}$ ,

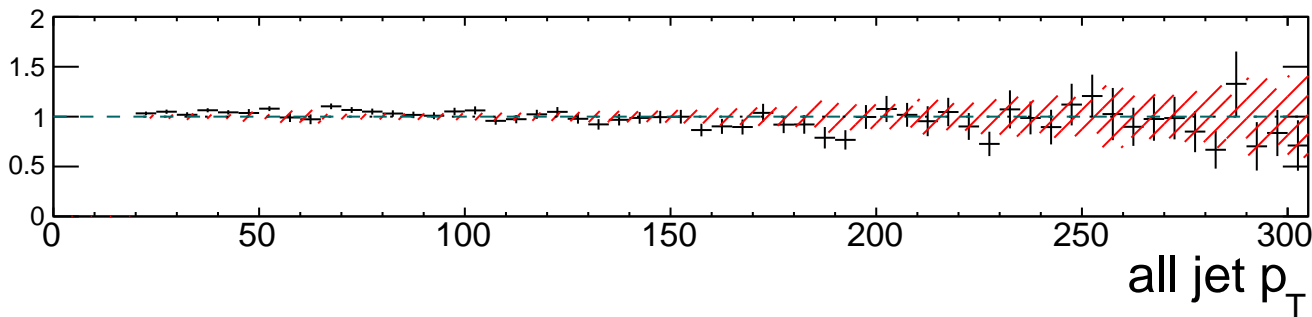
$\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$

**CMS Preliminary**



- 2012 data
- $t\bar{t} + \gamma$
- $t\bar{t}$  0l
- $t\bar{t}$  1l
- $t\bar{t}$  2l
- Single Top
- Z+Jets
- Z+ $\gamma$
- WW/ZZ/WZ
- W+Jets
- W+ $\gamma$
- QCD

data/MC



all jet  $p_T$