

$\#e^+e^-$ ,  $\geq 2$  jets,  $\geq 1$  btag  $\geq 1 \gamma$  $\sqrt{s}=8$  TeV,  $\mathcal{L}_{\text{int}}=19.7$  fb $^{-1}$ 

Number of Events

CMS Preliminary

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

PFNeutralHadronIso(barrel)