

$e^+e^-$ ,  $\geq 2$  jets,  $\geq 1$  btags

CMS Preliminary,  $L = 19.7 \text{ fb}^{-1}$

Number of Events

- + 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

data/MC

selection step

Skim

Cleaning and HLT

Di-lepton Sel

$m(Z)$  veto

$\geq 1$  jet

$\geq 2$  jets

$E_T$  cut

$\geq 1$  CSV b-tag

$\geq 1$  Photon Presel

$\geq 1$  Good Photon Presel

Good Photon Postsel

H...ÄH%ÇuÄ

