

$\mu\mu, \geq 2 \text{ jets}, \geq 1 \text{ btags}$

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

Skim
Cleaning and HLT
Di-lepton Sel
 $m(Z)$ veto
 $\geq 1 \text{ jet}$
 $\geq 2 \text{ jets}$
 E_T cut
 $\geq 1 \text{ CSV b-tag}$
 $\geq 1 \text{ Photon Presel}$
 $\geq 1 \text{ Good Photon}$
Good Photon Postsel

selection step

