

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

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

selection step

Skim

Cleaning and HLT

Di-lepton Sel

$m(Z)$ veto

$\geq 1 \text{ jet}$

$\geq 2 \text{ jets}$

E_T cut

$\geq 1 \text{ CSV b-tag}$

$\geq 1 \text{ Photon Pre}$

10⁶
10⁵
10⁴
10³
10²
10¹

1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0