

$e^+e^- \rightarrow \gamma^* \rightarrow e^+e^-$, ≥ 2 jets, ≥ 1 btagsCMS 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

 10^6
 10^5
 10^4
 10^3
 10^2
10

Skim

Cleaning and HLT

Di-lepton Sel

 $m(Z)$ veto ≥ 1 jet ≥ 2 jets \not{E}_T cut ≥ 1 CSV b-tag ≥ 1 Photon Presel ≥ 1 Good Photon

1 Good Photon Postsel

selection step

