

e^+e^- , ≥ 2 jets, ≥ 1 btag $\geq 1 \gamma$ $\sqrt{s} = 8$ TeV,Ldt = 19.7 fb $^{-1}$

Number of Events

CMS Preliminary

8000

7000

6000

5000

4000

3000

2000

1000

0

+ 2012 data

 $t\bar{t} + \gamma$ $t\bar{t}$ 0l $t\bar{t}$ 1l $t\bar{t}$ 2l

Single Top

Z+Jets

Z+ γ

WW/ZZ/WZ

W+Jets

W+ γ

QCD

0

20

40

60

80

100

120

140

Photon E_T [GeV]