

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

Number of Events

**CMS Preliminary**

6000

5000

4000

3000

2000

1000

0

0

20

40

60

80

100

120

140

+ 2012 data

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

Single Top

Z+Jets

Z+ $\gamma$ 

WW/ZZ/WZ

W+Jets

W+ $\gamma$ 

QCD

 $E_T^{\text{miss}}$  significance