

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

Number of Events

**CMS Preliminary**

1000

800

600

400

200

0

-4

-3

-2

-1

0

1

2

3

4

- + 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

 $\eta(\text{leading jet})$