

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

Number of Events

CMS Preliminary

1000

800

600

400

200

0

-4

-3

-2

-1

0

1

2

3

4

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

- + 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