

$e^+e^-$ ,  $\geq 2$  jets,  $\geq 1$  btag  $\geq 1 \gamma$

$\sqrt{s} = 8$  TeV,

$\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$

**CMS Preliminary**

Number of Events

3500

3000

2500

2000

1500

1000

500

0

- + 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

2

1.5

1

0.5

0

$M_{ll}$

400

350

300

250

200

150

100

50

0

Number of Events

data/MC