

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

$\sqrt{s} = 8$  TeV,

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

**CMS Preliminary**

Number of Events

50000  
40000  
30000  
20000  
10000  
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

data/MC

2  
1.5  
1  
0.5  
0

SCFR Charged Hadron Iso.

0 2 4 6 8 10 12 14 16 18 20 22

