

Number of Events

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

$\sqrt{s} = 8$  TeV,

Ldt = 19.7 fb $^{-1}$

**CMS Preliminary**

0.07  
0.06  
0.05  
0.04  
0.03  
0.02  
0.01  
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

RhoCorrPFNeutralHadronIso(endcap)

0 2 4 6 8 10 12 14 16 18 20

0.022  
0.043