

Number of Events

$\mu^+\mu^-; \geq 2 \text{ jets}, \geq 1 \text{ btag}, \geq 1 \gamma$

$\sqrt{s} = 8 \text{ TeV},$

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

**CMS Preliminary**

9000  
8000  
7000  
6000  
5000  
4000  
3000  
2000  
1000  
0

- + 2012 data
- $t\bar{t} + \gamma$
- $t\bar{t} 0\ell$
- $t\bar{t} 1\ell$
- $t\bar{t} 2\ell$
- Single Top
- Z+Jets
- Z+ $\gamma$
- WW/ZZ/WZ
- W+Jets
- W+ $\gamma$
- QCD

0

50

100

150

200

250

300

$E_{\text{T}}^{\text{miss}}$

