

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

Number of Events

**CMS Preliminary**

10000

8000

6000

4000

2000

0

+ 2012 data

 $t\bar{t}+\gamma$  $t\bar{t} \text{ 0l}$  $t\bar{t} \text{ 1l}$  $t\bar{t} \text{ 2l}$ 

Single Top

Z+Jets

WW/ZZ/WZ

W+Jets

QCD

SCFR Charged Hadron Iso.

20

18

16

14

12

10

8

6

4

2

0