

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

Number of Events

CMS Preliminary

7000

6000

5000

4000

3000

2000

1000

0

0

20

40

60

80

100

120

140

Photon E_T [GeV]

- + 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