

Number of Events

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

$\sqrt{s} = 8$ TeV,

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

CMS Preliminary

10000

8000

6000

4000

2000

0

0

5

10

15

20

Random Cone Iso_{Ch.had} (barrel)

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