

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

$\sqrt{s} = 8$ TeV,

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

CMS Preliminary

Number of Events

25000

20000

15000

10000

5000

0

- + 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

data/MC

2

1.5

1

0.5

0

Random Cone Iso_{Ch.had} (barrel)

0

5

10

15

20