

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

50000
40000
30000
20000
10000
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

SCFR Charged Hadron Iso.

0 2 4 6 8 10 12 14 16 18 20 22