

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

Number of Events

CMS Preliminary

- + 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

0

2000

4000

6000

8000

10000

0

1

2

3

4

5

6

7

8

9

10

RhoCorrPFChargedHadronIso(endcap)