

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

$\sqrt{s}=8$ TeV, $\mathcal{L}dt=19.7$ fb $^{-1}$

Number of Events

CMS Preliminary

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

10^4

10^3

10^2

10

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

$\Delta R(\gamma, e)$

