

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

Number of Events

**CMS Preliminary**

50000

40000

30000

20000

10000

0

0

2

4

6

8

10

12

14

16

18

20

Random Cone Iso<sub>Nu.had</sub> (barrel)

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