

$e\mu, \geq 2 \text{ jets}, \geq 1 \text{ btags}, \geq 1 \gamma$

$\sqrt{s}=8 \text{ TeV}, \text{ Ldt}=19.7 \text{ fb}^{-1}$

Number of Events

CMS Preliminary

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

data/MC

2.5
2
1.5
1
0.5
0

0

20

40

60

80

100

120

Events

2

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

