

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

Number of Events

CMS Preliminary

100

80

60

40

20

0

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

 $\Delta R(\gamma, \text{jets})$ 