

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

$\sqrt{s} = 8 \text{ TeV},$

$\int \mathcal{L} dt = 19.7 \text{ fb}^{-1}$

CMS Preliminary

Number of Events

2500

2000

1500

1000

500

0



all jet ϕ

data/MC

2

1.5

1

0.5

0

-3

-2

-1

0

1

2

3