

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

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

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

CMS Preliminary

Number of Events

800

700

600

500

400

300

200

100

0



data/MC

2

1.5

1

0.5

0

$E_T^{\text{miss}} \phi$