

pPb 173.4 nb<sup>-1</sup> $\sqrt{s_{NN}} = 8.16$  TeV

$$W^+ \rightarrow \mu^+ + \nu_\mu$$

$$p_T^\mu > 25 \text{ GeV/c}$$

$$0.60 \leq \eta_{CM}^\mu < 0.80$$

**CMS***Preliminary*

Events / (2 GeV/c)

 $\frac{\text{Data}}{\text{Fit}}$ 10<sup>3</sup>10<sup>2</sup>

10

1

2

0

0

20

40

60

80

100

120

140

 $p_T^{\text{miss}}$  (GeV/c)

• Data

■ W

■ QCD

■ Z/ $\gamma^*$ ■ W $\rightarrow\tau$ ■ Z/ $\gamma^*\rightarrow\tau$ ■  $t\bar{t}$  $\chi^2/\text{ndof} = 49 / 43$