

pPb 173.4 nb<sup>-1</sup> $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$  $W^+ \rightarrow \mu^+ + \nu_\mu$ **CMS***Preliminary* $p_{\text{T}}^\mu > 25 \text{ GeV/c}$  $-2.60 \leq \eta_{\text{CM}}^\mu < -2.40$ 

Events / ( 2 GeV/c )

 $\frac{\text{Data}}{\text{Fit}}$ 

- Data
- W
- QCD
- Z/ $\gamma^*$
- $W \rightarrow \tau$
- Z/ $\gamma^* \rightarrow \tau$
- $t\bar{t}$

10<sup>3</sup>10<sup>2</sup>

10

1

2

0

0

20

40

60

 $p_{\text{T}}^{\text{miss}}$  (GeV/c) $\chi^2/\text{ndof} = 53 / 37$