

pPb 173.4 nb⁻¹ $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$ $W^- \rightarrow \mu^- + \bar{\nu}_\mu$ **CMS***Preliminary* $p_{\text{T}}^\mu > 25 \text{ GeV/c}$ $-1.20 \leq \eta_{\text{CM}}^\mu < -1.00$

Events / (2 GeV/c)

10³10²

10

0

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

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

4

2

1

0

 $p_{\text{T}}^{\text{miss}} \text{ (GeV/c)}$ $\chi^2/\text{ndof} = 52 / 41$ 