

pPb 173.4 nb⁻¹ $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$ $W^+ \rightarrow \mu^+ + \nu_\mu$ **CMS***Preliminary* $p_{\text{T}}^\mu > 25 \text{ GeV/c}$ $-1.00 \leq \eta_{\text{CM}}^\mu < -0.80$

Events / (2 GeV/c)

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

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

10³10²

10

1

2

0

0

20

40

60

80

100

120

140

 $p_{\text{T}}^{\text{miss}} \text{ (GeV/c)}$ $\chi^2/\text{ndof} = 45 / 42$