

pPb 173.4 nb⁻¹ $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$ $W^+ \rightarrow \mu^+ + \nu_\mu$ **CMS***Preliminary* $p_{\text{T}}^\mu > 25 \text{ GeV/c}$ $1.40 \leq \eta_{\text{CM}}^\mu < 1.60$ 10³10²

10

Events / (2 GeV/c)

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

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

 $\chi^2/\text{ndof} = 69 / 44$ $p_{\text{T}}^{\text{miss}} \text{ (GeV/c)}$

0

20

40

60

80

100

120

140