

pPb 173.4 nb<sup>-1</sup> $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$  $W^- \rightarrow \mu^- + \bar{\nu}_\mu$  $p_{\text{T}}^\mu > 25 \text{ GeV/c}$  $-2.86 \leq \eta_{\text{CM}}^\mu < 1.93$ **CMS***Preliminary*

Events / (2 GeV/c)

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

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

 $\chi^2/\text{ndof} = 57 / 38$  $p_{\text{T}}^{\text{miss}} \text{ (GeV/c)}$ 