

pPb 173.4 nb<sup>-1</sup> $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$  $W^- \rightarrow \mu^- + \bar{\nu}_\mu$ **CMS***Preliminary* $p_{\text{T}}^\mu > 25 \text{ GeV/c}$  $-1.93 \leq \eta_{\text{CM}}^\mu < -1.80$ 

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

Events / (2 GeV/c)

 $\frac{\text{Data}}{\text{Fit}}$ 10<sup>3</sup>  
10<sup>2</sup>  
10  
1 $p_{\text{T}}^{\text{miss}}$  (GeV/c) $\chi^2/\text{ndof} = 41 / 37$ 