

pPb 173.4 nb⁻¹ $\sqrt{s_{\text{NN}}} = 8.16 \text{ TeV}$ $W^- \rightarrow \mu^- + \bar{\nu}_\mu$ **CMS***Preliminary* $p_T^\mu > 25 \text{ GeV}/c$ $0.00 \leq \eta_{\text{CM}}^\mu < 0.20$

Events / (2 GeV/c)

10³10²

10

0

 $p_T^{\text{miss}} \text{ (GeV}/c\text{)}$

• Data

■ W

■ QCD

■ Z/ γ^* ■ W $\rightarrow\tau$ ■ Z/ $\gamma^*\rightarrow\tau$ ■ $t\bar{t}$ $\frac{\text{Data}}{\text{Fit}}$

4

2

1

0

 $\chi^2/\text{ndof} = 53 / 42$