

pPb 173.4 nb⁻¹ $\sqrt{s_{NN}} = 8.16$ TeV $W^+ \rightarrow \mu^+ + \nu_\mu$ **CMS***Preliminary* $p_T^\mu > 25$ GeV/c $-1.80 \leq \eta_{CM}^\mu < -1.60$ 10³10²

10

1

0

Events / (2 GeV/c)

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

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

 $\chi^2/\text{ndof} = 36 / 41$ p_T^{miss} (GeV/c)