Uncertainties on charge asymmetry for $W_{\text{left}} \rightarrow l\nu \not{p}_{T}\in [26, 45] \text{GeV}$

- lepton scale
- efficiency stat.
- luminosity
- efficiency syst.
- other bkg
- fakes
- FSR
- $\mu_{F}, \mu_{R}, \mu_{F}, \mu_{R}$
- PDFs $\oplus \alpha_{S}$
- other experimental
- statistical
- MC statistics

Total uncertainty

CMS Preliminary

$35.9 \text{ fb}^{-1} (13 \text{ TeV})$