

NNLO, FEWZ+MSTW08 prediction
[with PDF4LHC 68% CL uncertainty]

4.29 ± 0.23 nb

$W^- \rightarrow e^- \bar{\nu}$

$4.27 \pm 0.02_{\text{stat}} \pm 0.10_{\text{syst}} \pm 0.47_{\text{lumi}}$ nb

$W^- \rightarrow \mu^- \bar{\nu}$

$4.16 \pm 0.02_{\text{stat}} \pm 0.08_{\text{syst}} \pm 0.46_{\text{lumi}}$ nb

$W^- \rightarrow l^- \bar{\nu}$ (combined)

$4.19 \pm 0.01_{\text{stat}} \pm 0.08_{\text{syst}} \pm 0.46_{\text{lumi}}$ nb

$\sigma(\text{pp} \rightarrow W^- X) \times B(W^- \rightarrow l^- \bar{\nu})$ [nb]

