

NNLO, FEWZ+MSTW08 prediction, 60-120 GeV
[with PDF4LHC 68% CL uncertainty]

0.97 ± 0.04 nb

Z \rightarrow ee

$0.980 \pm 0.011_{\text{stat}} \pm 0.023_{\text{syst}} \pm 0.108_{\text{lumi}}$ nb

Z \rightarrow $\mu\mu$

$0.961 \pm 0.008_{\text{stat}} \pm 0.019_{\text{syst}} \pm 0.106_{\text{lumi}}$ nb

Z \rightarrow ll (combined)

$0.966 \pm 0.006_{\text{stat}} \pm 0.018_{\text{syst}} \pm 0.106_{\text{lumi}}$ nb

$\sigma(\text{pp} \rightarrow \text{ZX}) \times \text{B}(\text{Z} \rightarrow \text{ll})$ [nb]