

Parton level

$$p_{\text{T}}^{\text{c jet}} > 30 \text{ GeV}, |\eta^{\text{c jet}}| < 2.4$$

$$p_{\text{T}}^{\text{l}} > 35 \text{ GeV}, |\eta^{\text{l}}| < 2.4$$

Data: 163.4 ± 0.5 (stat.) ± 6.2 (syst.) pb

CMPP predictions, NNLO NNPDF3.1:

$$\diamond \text{ LO QCD: } 137.4^{+17.4}_{-14.3} \text{ pb}$$

$$\nabla \text{ NLO QCD: } 178.3 \pm 11.6 \text{ pb}$$

$$\square \text{ NNLO QCD: } 174.7^{+7.0}_{-7.4} \text{ pb}$$

$$\circ \text{ NNLO QCD, NLO EW: } 171.1^{+7.0}_{-7.4} \text{ pb}$$

