

 **Total uncertainty**  
 **Statistical uncertainty**

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

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

**Data:  $0.950 \pm 0.005 \pm 0.010$**

CMPP predictions, NNLO NNPDF3.1:

$\diamond$  LO QCD:  $0.945^{+0.022}_{-0.022}$

$\nabla$  NLO QCD:  $0.939^{+0.022}_{-0.023}$

$\square$  NNLO QCD:  $0.936^{+0.026}_{-0.026}$

0.4

0.6

0.8

1

 $\sigma(W^+ + \bar{c}) / \sigma(W^- + c)$ 