



$$p_{\text{T}}^{\text{jet}} > 25 \text{ GeV}, |\eta^{\text{jet}}| < 2.5$$

$$p_{\text{T}}^{\text{l}} > 35 \text{ GeV}, |\eta^{\text{l}}| < 2.1$$

Predictions:
NLO MCFM + NNLO PDF

CMS 2011
 $0.938 \pm 0.019 \text{ (stat.)} \pm 0.006 \text{ (syst.)}$

■ MSTW08
 $0.904^{+0.018}_{-0.024} \text{ PDF}$

● CT10
 $0.942 \pm 0.004 \text{ PDF}$

▼ NNPDF23
 $0.923 \pm 0.015 \text{ PDF}$

▲ NNPDF23_{coll}
 $0.936 \pm 0.022 \text{ PDF}$

0.4

0.6

0.8

1

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