

Prediction calculated with the MCFM v10.1

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- - - **This measurement**

 Stat. uncertainty

 Stat.⊕syst. uncertainty

• **Central prediction**

 Scale uncertainty

 Scale⊕PDF⊕α_s uncertainty

$\sigma(tq+\bar{t}q) \pm (\text{scale}) \pm (\text{PDF}\oplus\alpha_s)$

PDF4LHC21     30.3 ± 0.4 ± 0.5 pb

CT18     30.3 ± 0.4 ± 0.6 pb

MSHT2020     30.1 ± 0.4 ± 0.3 pb

NNPDF 3.0     31.9 ± 0.4 ± 0.4 pb

NNPDF 3.1     29.5 ± 0.3 ± 0.4 pb

NNPDF 4.0     29.4 ± 0.3 ± 0.4 pb

15

20

25

30

35

40

45

$\sigma(tq+\bar{t}q)$ (pb)