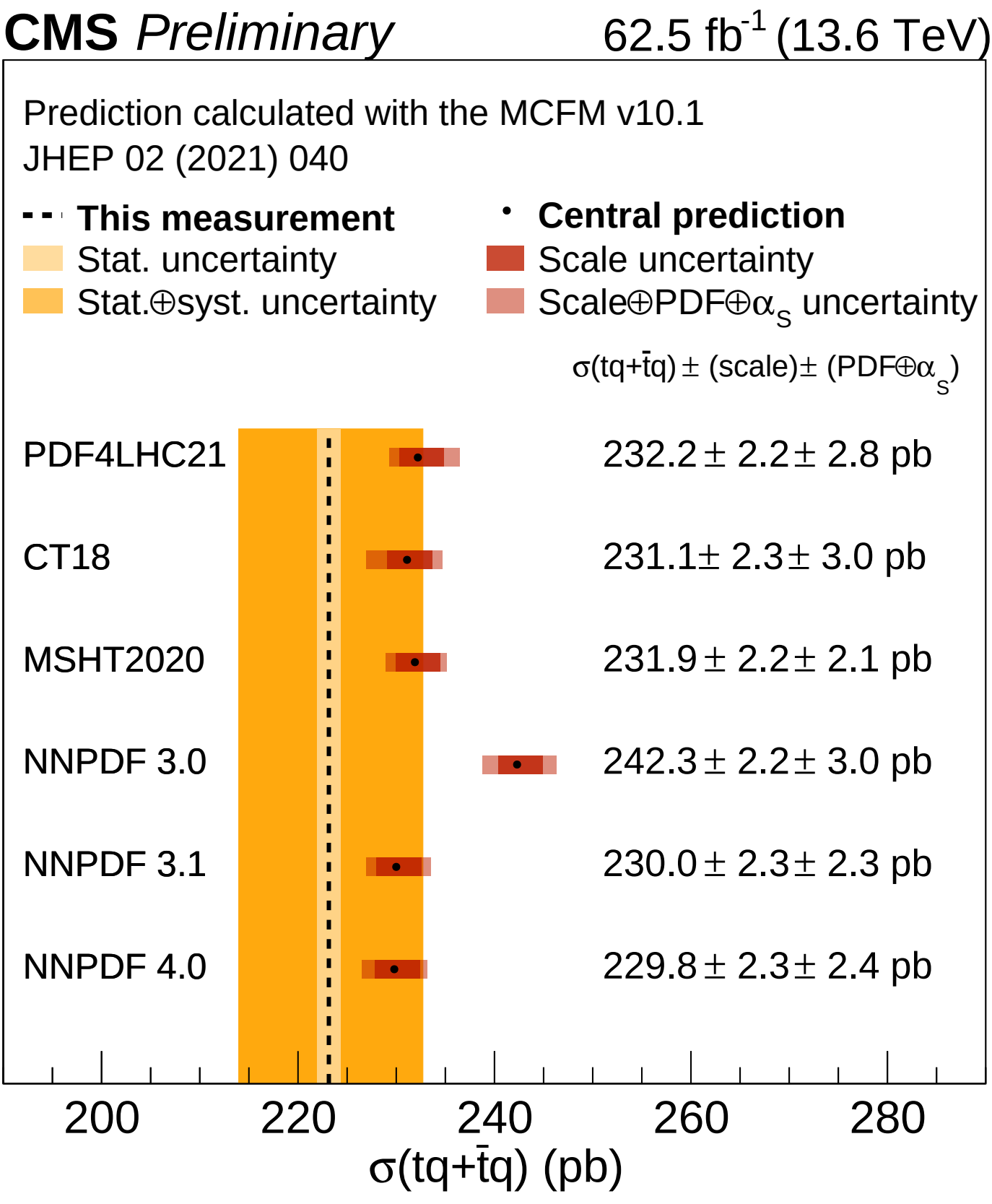

CMS Preliminary
62.5 fb-1 (13.6 TeV)
Prediction calculated with the MCFM v10.1
JHEP 02 (2021) 040
This measurement
Stat. uncertainty
Stat.⊕syst. uncertainty
Central prediction
Scale uncertainty
Scale⊕PDF⊕αS uncertainty
σ(tq+t̄q) ± (scale)± (PDF⊕αS)
PDF4LHC21
232.2 ± 2.2 ± 2.8 pb
CT18
231.1 ± 2.3 ± 3.0 pb
MSHT2020
231.9 ± 2.2 ± 2.1 pb
NNPDF 3.0
242.3 ± 2.2 ± 3.0 pb
NNPDF 3.1
230.0 ± 2.3 ± 2.3 pb
NNPDF 4.0
229.8 ± 2.3 ± 2.4 pb
200
220
240
260
280
σ(tq+t̄q) (pb)