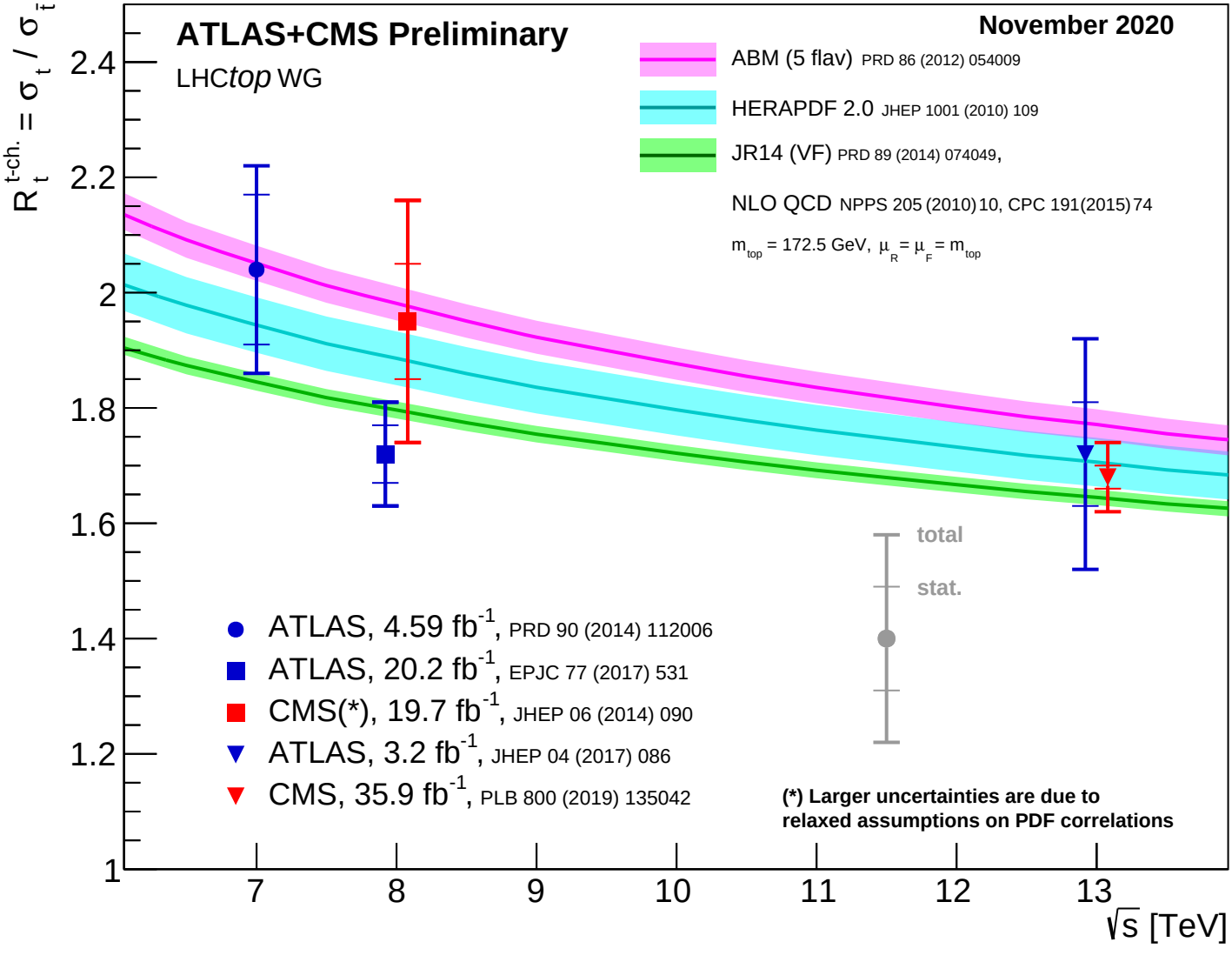
ATLAS+CMS Preliminary
LHCtop WG
November 2020
ABM (5 flav) PRD 86 (2012) 054009
HERAPDF 2.0 JHEP 1001 (2010) 109
JR14 (VF) PRD 89 (2014) 074049,
NLO QCD NPPS 205 (2010) 10, CPC 191(2015) 74
m_top = 172.5 GeV, μ_R = μ_F = m_top
total
stat.
ATLAS, 4.59 fb^-1, PRD 90 (2014) 112006
ATLAS, 20.2 fb^-1, EPJC 77 (2017) 531
CMS(*), 19.7 fb^-1, JHEP 06 (2014) 090
ATLAS, 3.2 fb^-1, JHEP 04 (2017) 086
CMS, 35.9 fb^-1, PLB 800 (2019) 135042
(*) Larger uncertainties are due to relaxed assumptions on PDF correlations
R_t^t-ch. = σ_t / σ_t̄
√s [TeV]
1
1.2
1.4
1.6
1.8
2
2.2
2.4
7
8
9
10
11
12
13