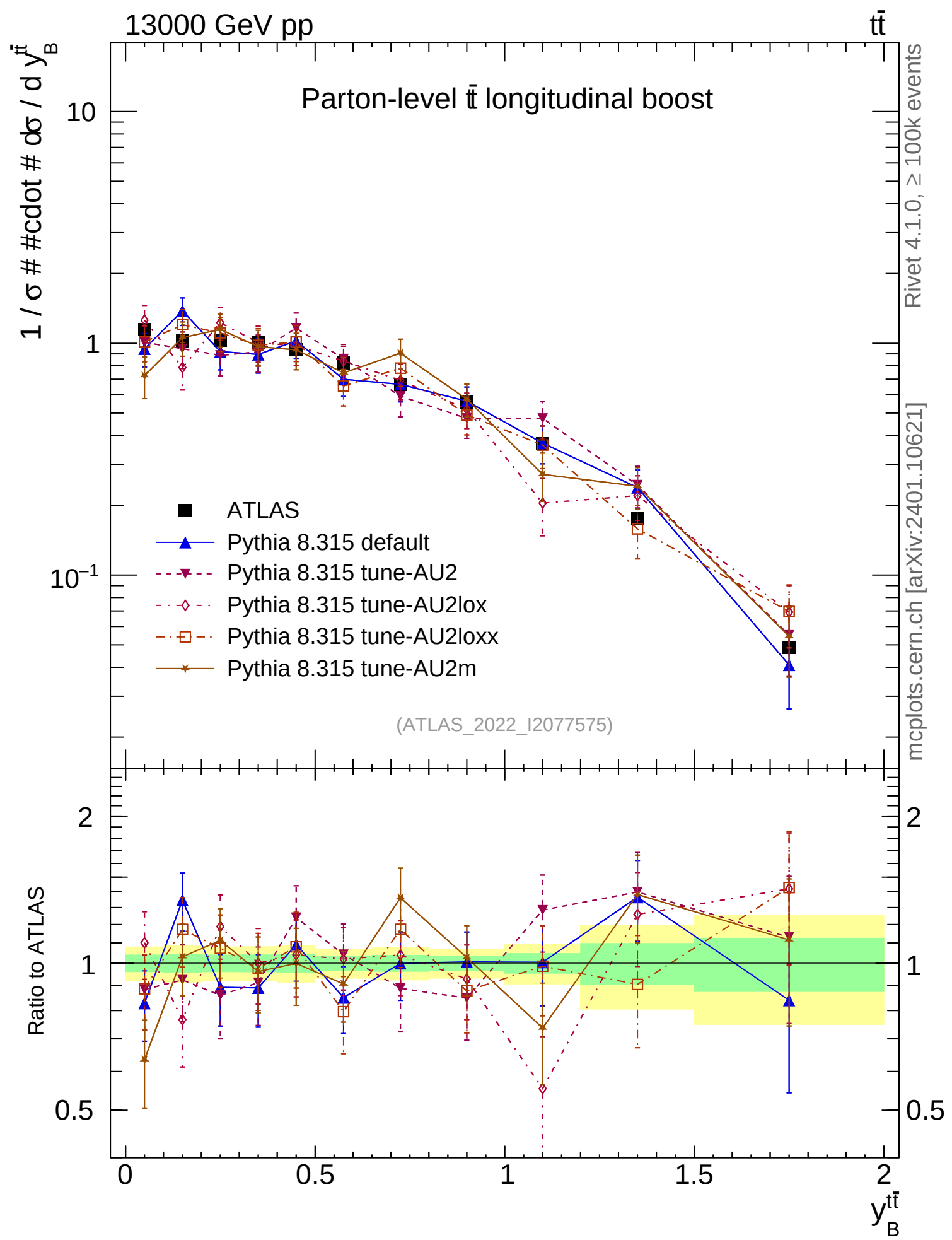
13000 GeV pp
tt̄
Parton-level tt̄ longitudinal boost
1 / σ # #cdot # dσ / d y_B^tt̄
10
1
10^−1
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-AU2
Pythia 8.315 tune-AU2lox
Pythia 8.315 tune-AU2loxx
Pythia 8.315 tune-AU2m
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
0
0.5
1
1.5
2
y_B^tt̄