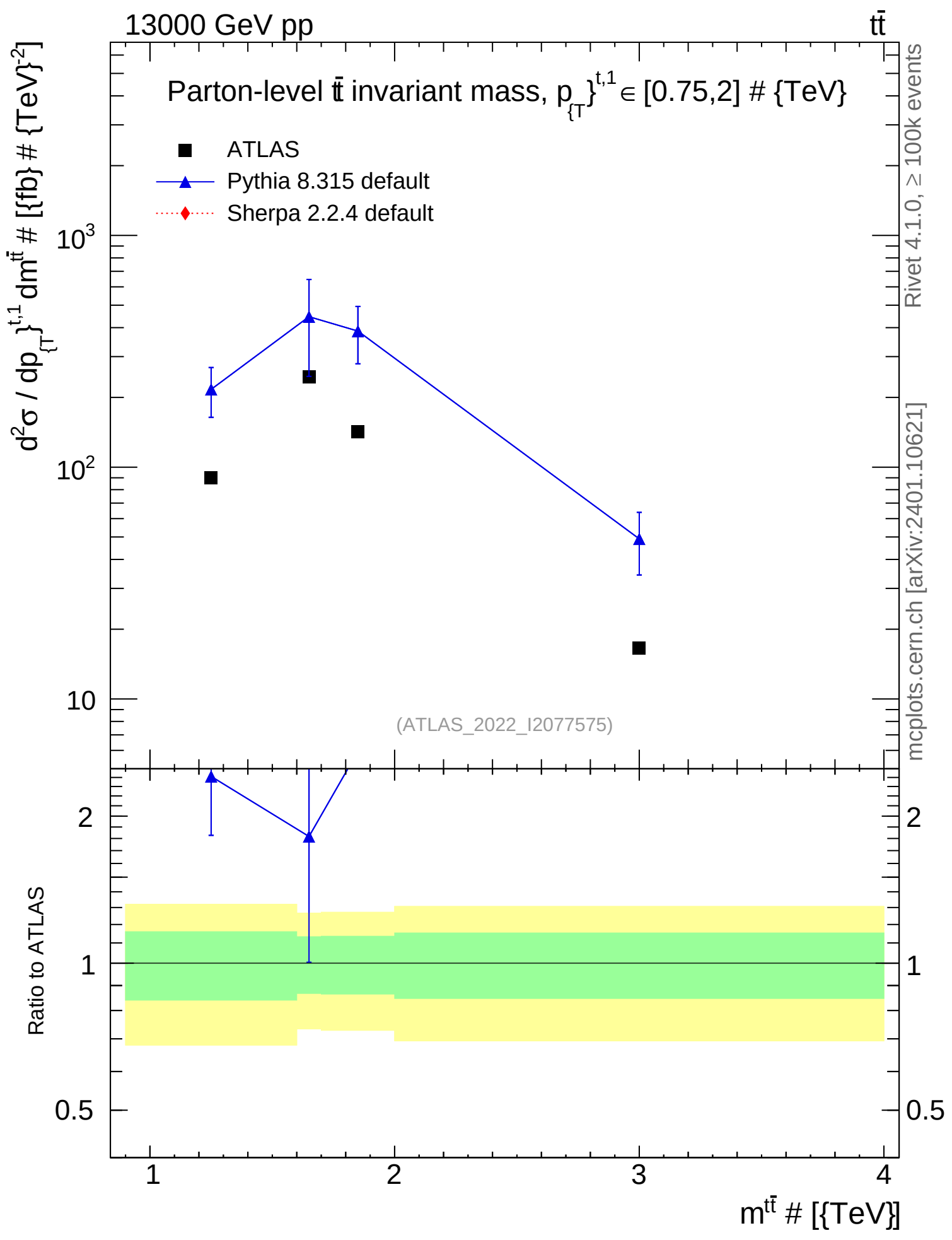
13000 GeV pp
tt̄
Parton-level tt̄ invariant mass, p_{T}^{t,1} ∈ [0.75,2] # {TeV}
ATLAS
Pythia 8.315 default
Sherpa 2.2.4 default
d²σ / dp_{T}^{t,1} dm^{tt̄} # [{fb} # {TeV}^{-2}]
10³
10²
10
(ATLAS_2022_I2077575)
Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:2401.10621]
Ratio to ATLAS
2
1
0.5
1
2
3
4
m^{tt̄} # [{TeV}]