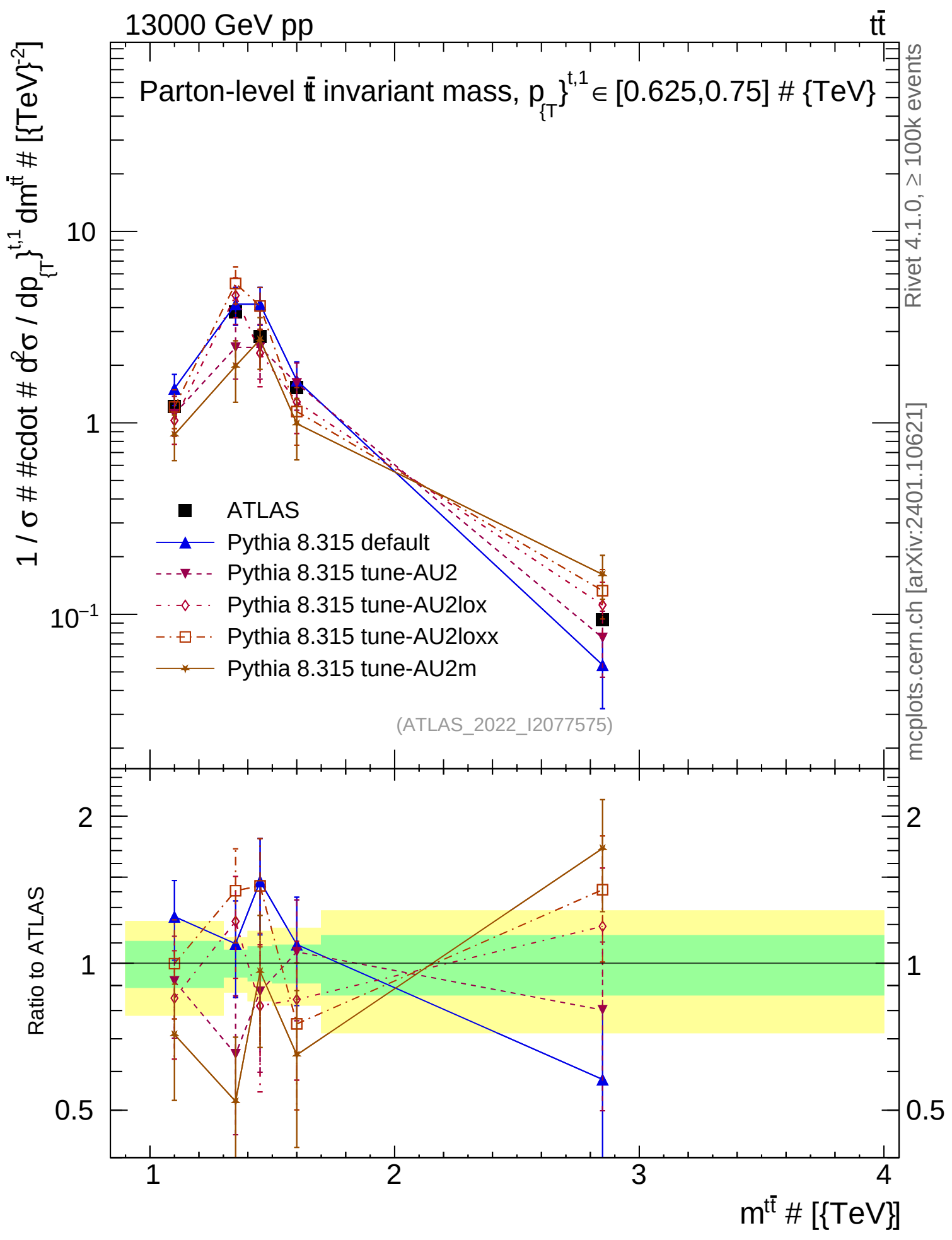
13000 GeV pp
$t\bar{t}$
Parton-level $t\bar{t}$ invariant mass, $p_{\{T\}}^{t,1} \in [0.625,0.75]$ # {TeV}
$1 / \sigma$ # #cdot # $d^2\sigma / dp_{\{T\}}^{t,1} dm^{t\bar{t}}$ # [{TeV}$^{-2}$]
10
1
10^{-1}
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-AU2
Pythia 8.315 tune-AU2lox
Pythia 8.315 tune-AU2loxx
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
1
2
3
4
$m^{t\bar{t}}$ # [{TeV}]