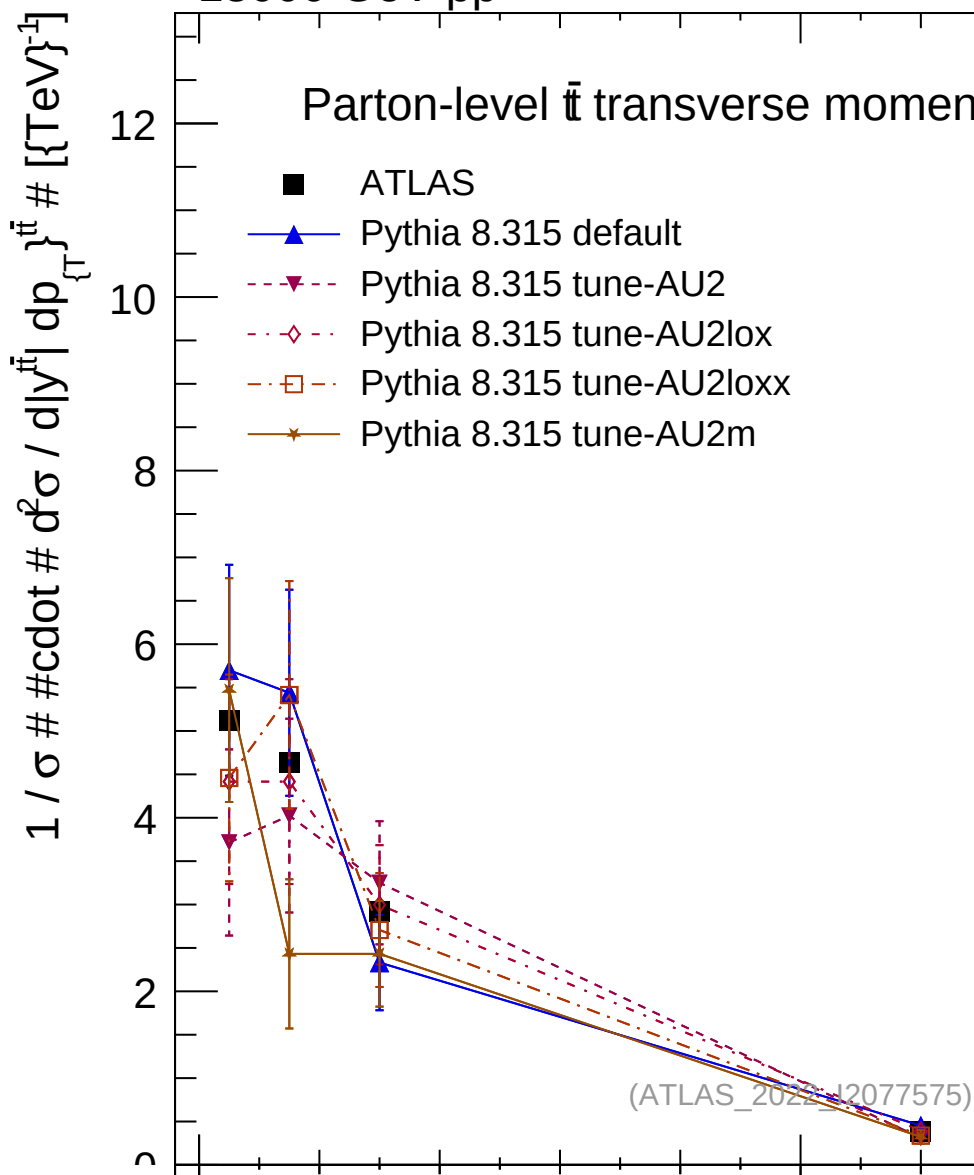


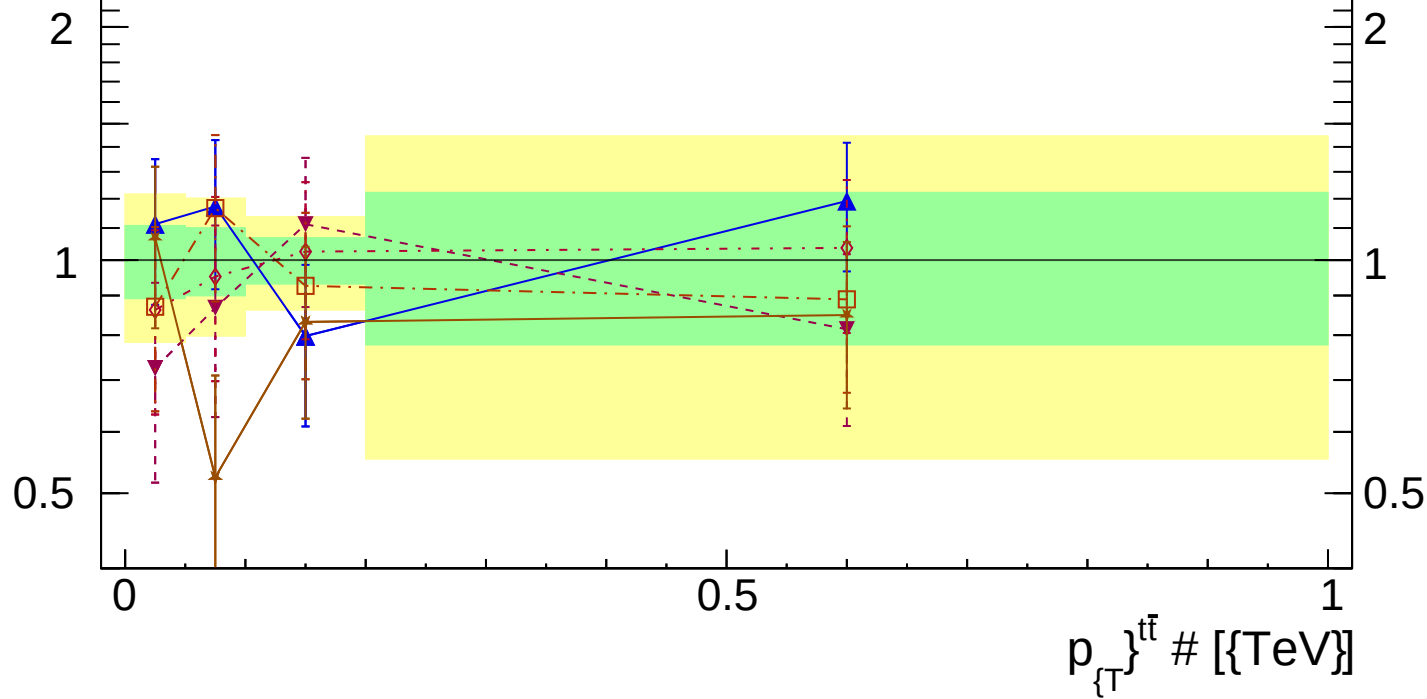
13000 GeV pp

 $t\bar{t}$ Parton-level  $t\bar{t}$  transverse momentum,  $|\vec{y}| \in [0, 0.2]$ 

- 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



Ratio to ATLAS



Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5