7000 GeV pp

Jets

Gap fraction

Gap fraction vs Q_0 for $120 < \#\overline{P_T} < 150$ $4 < |\Delta y| < 5$, Fwd/Bwd

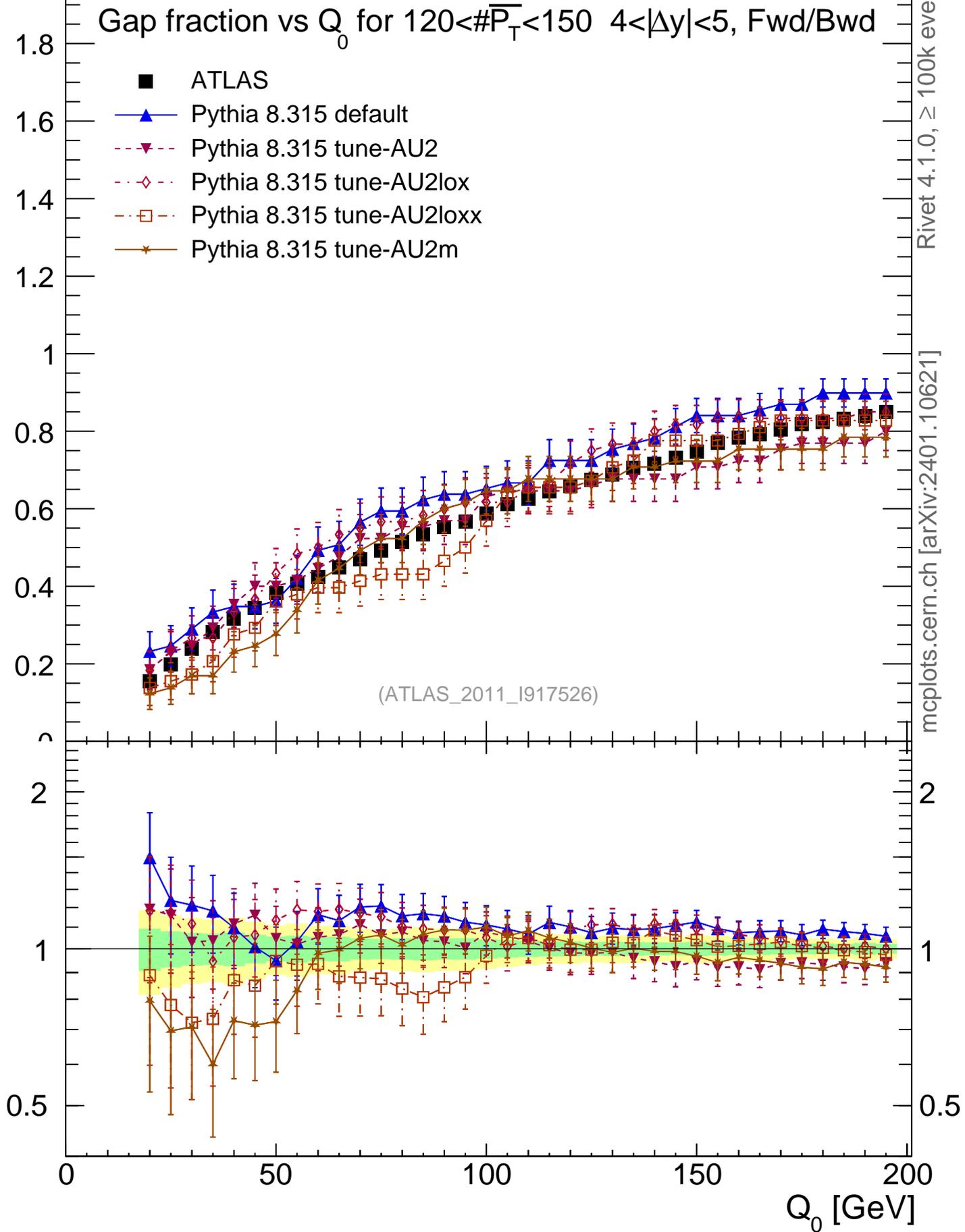- ATLAS
- Pythia 8.315 default
- Pythia 8.315 tune-AU2
- Pythia 8.315 tune-AU2lox
- Pythia 8.315 tune-AU2loxx
- Pythia 8.315 tune-AU2m

(ATLAS_2011_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

Q_0 [GeV]