

7000 GeV pp

Jets

Gap fraction

Gap fraction vs $\# \overline{P}_T$ for $1.0 < |\Delta y| < 2.0$, 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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $\# \overline{P}_T$ [GeV]