

Gap fraction

Gap fraction vs $\#\overline{P}_T$ for $3.0 < |\Delta y| < 4.0$, 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

2.5

2.0

1.5

1.0

0.5

0

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

100

200

300

400

500

 $\#\overline{P}_T$ [GeV]Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5