

Gap fraction vs \overline{P}_T for $4.0 < |\Delta y| < 5.0$, Leading Jet

Gap fraction

2.5
2.0
1.5
1.0
0.5
0

2
1
0.5

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - - △ Pythia 8.315 tune-CUETP8S1

(ATLAS_2011_I917526)

Ratio to ATLAS

100

200

300

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

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5