

Gap fraction vs $|\Delta y|$ for $150 < \# \overline{P}_T < 180$, Leading Jet

Gap fraction

2.5
2
1.5
1
0.5
0

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

(ATLAS_2011_I917526)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.5

0

2

4

6

 $|\Delta y|$

2

1

0.5