

Gap fraction vs $\#P_T$ for $3.0 < |\Delta y| < 4.0$, Leading Jet

Gap fraction

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-CD
- ▲ Pythia 8.315 default-DL
- ▲ Pythia 8.315 default-MBR

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2
1
0.5

2
1
0.5

100

200

300

400

500

 $\#P_T$ [GeV]