

Gap fraction vs $\#P_T$ for $4.0 < |\Delta y| < 5.0$, Fwd/Bwd

Gap fraction

- 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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2.5

2

1.5

1

0.5

0

2

1

0.5

100

200

300

 $\#P_T$ [GeV]

(ATLAS_2011_1917526)

