

Gap fraction vs $\#P_T$ for $5.0 < |\Delta y| < 6.0$, Fwd/Bwd

Gap fraction

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

- 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

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $\#P_T$ [GeV]