

Gap fraction vs $\sqrt{s}$ for $3.0 < |\Delta y| < 4.0$, Leading Jet

Gap fraction

Ratio to ATLAS

- 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)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $\sqrt{s}$ [GeV]