

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

Gap fraction

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △ Pythia 6.428 370
- △ Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS_2011_I917526)

Ratio to ATLAS

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

 $\sqrt{s}$ [GeV]