

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

Gap fraction

- ATLAS
- +— Epos 1.99.crnc.1.6.0 lhc
- △— Pythia 6.428 370
- ▲— Pythia 8.315 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $\sqrt{s}$ [GeV]