

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $150 < \sqrt{s} < 180$, Fwd/Bwd $Q_0 = \sqrt{s}$

Gap fraction

Ratio to ATLAS

 $|\Delta y|$

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.315 default
- - - ▼ Pythia 8.315 vincia-default
- ...◆ Sherpa 2.2.9 default

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5