

Gap fraction vs $|\Delta y|$ for $180 < \sqrt{s} < 210$, Leading Jet

Gap fraction

Ratio to ATLAS

 $|\Delta y|$

- ATLAS
- + Epos 1.99.crmc.1.3 lhc
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.315 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

6