

Gap fraction

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

10

1

 10^{-1} 10^{-2} 10^{-3}

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- - ◆ - - Sherpa 1.4.5 default

(ATLAS_2011_0917526)

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5