

Gap fraction vs $\sqrt{s}$ for $5.0 < |\Delta y| < 6.0$, Fwd/Bwd

Gap fraction

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

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

- ATLAS
- +— Epos 1.99.crnc.1.6.0 lhc
- - □ Herwig 7.2.1 default
- - △ Pythia 6.428 370
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 2.2.9 default

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.52
1
0.5

100

200

300

 $\sqrt{s}$ [GeV]