

7000 GeV pp

Jets

Gap fraction vs Q_0 for $120 < \sqrt{s} < 150$ $2 < |\Delta y| < 3$, Fwd/Bwd

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.315 default

Gap fraction

1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.52
1
0.50 50 100 150 200
 Q_0 [GeV]