

7000 GeV pp

Jets

Gap fraction vs Q_0 for $70 < \sqrt{s} < 90$ 4 < $|\Delta y|$ < 5, Leading Jet

- ATLAS
- ▲ Pythia 8.135 default
- ◆ Sherpa 2.2.9 default

Gap fraction

 10^{12}
 10^{11}
 10^{10}
 10^9
 10^8
 10^7
 10^6
 10^5
 10^4
 10^3
 10^2
 10
 1
 10^{-1}
 10^{-2}

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.52
1
0.5 Q_0 [GeV]