

7000 GeV pp

Jets

Gap fraction vs  $Q_0$  for  $120 < \sqrt{s} < 150$   $4 < |\Delta y| < 5$ , Leading Jet

■ ATLAS  
—▲ Pythia 8.135 default

Gap fraction

2.2  
2  
1.8  
1.6  
1.4  
1.2  
1  
0.8  
0.6  
0.4  
0.2  
0Rivet 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]