

7000 GeV pp

Jets

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

■ ATLAS
— Pythia 8.315 qcdcr0

Gap fraction

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

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.5

0

2

4

6

 $|\Delta y|$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5