

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $90 < \sqrt{s} < 120$, Fwd/Bwd $Q_0 = \sqrt{s}$

Gap fraction

Ratio to ATLAS

 $|\Delta y|$

2.4

2.2

2.0

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

2

1

0.5



ATLAS

Pythia 6.428 370

Pythia 6.428 391

Pythia 6.428 default

Pythia 8.315 default

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

6

0

2

4

6