

7000 GeV pp

Jets

Gap fraction

Gap fraction vs $|\Delta y|$ for $150 < \sqrt{s} < 180$, Fwd/Bwd

10

1

 10^{-1} 10^{-2} 10^{-3}

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

(ATLAS_2011_0917526)

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5