

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $210 < \sqrt{s} < 240$, Fwd/Bwd

Gap fraction

10

1

10^{-1}

10^{-2}

10^{-3}

2

1

0.5

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.244 default

(ATLAS_2011_I917526)

Ratio to ATLAS

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

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

2

4

6