

7000 GeV pp

Jets

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

Gap fraction

10

1

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

- ATLAS
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- -◇ Pythia 8.315 tune-AU2lox
- -□ Pythia 8.315 tune-AU2loxx
- -★ Pythia 8.315 tune-AU2m

(ATLAS_2011_I917526)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $|\Delta y|$ 