

7000 GeV pp

Jets

Gap fraction vs Δy (LJ) ($70 < p_T < 90$)

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- ⋯ Pythia 8.315 tune-A14-NNPDF2.3LO
- - Δ Pythia 8.315 tune-CUETP8S1

(ATLAS_2011_I917526)

Ratio to ATLAS

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

6

4

2

0

2.2

2

1.8

1.6

1.4

1.2

1

0.8

0.6

0.4

0.2

0

2

1

0.5