

8000 GeV pp

Jets

Average $\Delta N_{\text{ch}} (p_{\text{T}} > 0.5, \text{central-forward}, |\eta| < 2.1)$

- ATLAS
- Pythia 6.427 345
- Pythia 6.427 346
- △- Pythia 6.427 370
- Pythia 6.427 default
- ▲- Pythia 8.315 default

Ratio to ATLAS

(ATLAS_2016_I1419070)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

500

1000

1500

 10^2

10

1

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

2

1

0.5

0

500

1000

1500

 10^2

10

1

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

2

1

0.5