

7000 GeV pp

Jets

Gap fraction vs $\sqrt{s}$ for $5.0 < |\Delta y| < 6.0$, Leading Jet

Gap fraction

- ATLAS
- Pythia 6.428 391
- + Pythia 6.428 393
- Pythia 6.428 394
- ▼ Pythia 6.428 395

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

100

200

300

 $\sqrt{s}$ [GeV]