

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $210 < \sqrt{s} < 240$, Fwd/Bwd $Q_0 = \sqrt{s}$

Gap fraction

- ATLAS
- △— Pythia 6.428 370
- - □ - - Pythia 6.428 391
- - ■ - - Pythia 6.428 default
- ▲— Pythia 8.135 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 