

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $90 < \sqrt{s} < 120$, Fwd/Bwd $Q_0 = \sqrt{s}$

- ATLAS
- ▲ Pythia 8.230 default
- -●- Pythia 8.230 tune-2c
- -○- Pythia 8.230 tune-2m

Gap fraction

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 