

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $180 < \sqrt{s} < 210$, Fwd/Bwd $Q_0 = \sqrt{s}$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.301 default
- - ◆ Sherpa 2.2.9 default

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

 $|\Delta y|$ 