

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $240 < p_T < 270$ )

- ATLAS
- - □ Herwig 7.0.2 default
- - ▲ Pythia 8.180 default
- - ◆ Sherpa 2.2.6 default

2

1.5

1

0.5

0

0

0

0

0

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

1

0.5

0.5

0.5

0.5

0

2

4

6

 $|\Delta y|$ 