

7000 GeV pp

Jets

Gap fraction

Gap fraction vs  $\Delta y$  (FB) ( $70 < p_T < 90$  ( $Q_0 = \bar{p}_T$ ))

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.176 default
- ◆ Sherpa 1.4.0 default

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

0.5

0.5

1

1

2

2

0

2

4

6

 $|\Delta y|$ 