

7000 GeV pp

Jets

Gap fraction vs  $p_T$  (LJ) ( $5 < \Delta y < 6$ )

Gap fraction

- ATLAS
- - □ Herwig 7.1.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.8 default

2.5

2

1.5

1

0.5

0

2

1

0.5

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

ATLAS\_2011\_S9126244

Ratio to ATLAS

100

200

300

 $\overline{P}_T$  [GeV]