

Gap fraction

Gap fraction vs  $p_T$  (FB) ( $3 < \Delta y < 4$ )

- ATLAS
- Herwig 7.2.0 default
- ▲ Pythia 8.170 default
- ◆ Sherpa 2.2.5 default

2.5

2.0

1.5

1.0

0.5

0

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

2

1

0.5

100

200

300

400

500

 $\overline{P}_T$  [GeV]