

Gap fraction

Gap fraction vs  $p_T(\text{LJ})$  ( $1 < \Delta y < 2$ )

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 1.2.2p default

2.5

2

1.5

1

0.5

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0.5

1

1.5

Ratio to ATLAS

0.5

1

1.5

 $\overline{P_T}$  [GeV]