

Gap fraction

2.5

2

1.5

1

0.5

0

Gap fraction vs  $\Delta y$  (LJ) ( $70 < p_T < 90$ )

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 2.2.4 default

ATLAS\_2011\_S9126244

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

2

4

6

 $|\Delta y|$ 