

Gap fraction

Gap fraction vs  $\Delta y$  (LJ) ( $150 < p_T < 180$ )

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.0 default
- ▲- Pythia 8.108.p1 default
- ◆- Sherpa 2.2.8 default

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

0

2

1

0.5

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

ATLAS\_2011\_S9126244

 $|\Delta y|$ 

Ratio to ATLAS