

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

Gap fraction

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.165 default

2.5

2.0

1.5

1.0

0.5

0

ATLAS\_2011\_S9126244

2

1

0.5

Ratio to ATLAS

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

100

200

300

400

500

 $\overline{P}_T$  [GeV]