

Gap fraction

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- \* Pythia 6.428 d6t
- Pythia 6.428 default
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0

2.5

2.0

1.5

1.0

0.5

0

0.5

0

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

0.5

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\overline{P_T}$  [GeV]