

Gap fraction vs pT (FB) ( $4 < \Delta y < 5$ )

Gap fraction

- ATLAS
- Pythia 6.428 359
- △ Pythia 6.428 370
- ▲ Pythia 6.428 a
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0
- ★ Pythia 6.428 pro-q2o

2.5

2

1.5

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

100

200

300

 $\overline{P_T}$  [GeV]Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

0.5

0.5

0.5

0.5

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

2

1

1

0.5

0.5

0.5

0.5

0.5

0.5

0.5