

Gap fraction

Gap fraction vs pT (FB) ($5 < \Delta y < 6$)

0.8

0.6

0.4

0.2

0

ATLAS

Pythia 6 (370:P2012)

Pythia 6 (391:ICT6L)

Pythia 6 (Def)

Pythia 6 (129:Pro-Q2O)

ATLAS_2011_S9126244

Pythia 6.428

Rivet 3.1.0, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2

1

0.5

2

1

0.5

100

200

300

 $\overline{p_T}$ [GeV]