

Gap fraction

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

- ATLAS
- △ Pythia 6 (370:P2012)
- Pythia 6 (306:ATLAS-CSC)
- * Pythia 6 (109:D6T)
- Pythia 6 (Def)
- Pythia 6 (320:P0)

Rivet 2.6.1, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0

ATLAS_2011_S9126244

Pythia 6.428

Ratio to ATLAS

2
1
0.5

2

0.5

100

200

300

 $\overline{P_T}$ [GeV]