

Gap fraction vs $\#P_T$ for $5.0 < |\Delta y| < 6.0$, Fwd/Bwd

Gap fraction

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

10
1
 10^{-1}
 10^{-2}
 10^{-3}

- ATLAS
- ⊕ Epos 1.99.crmc.1.2 lhc
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.5

100

200

300

 $\#P_T$ [GeV]