

Gap fraction vs  $\overline{P}_T$  for  $5.0 < |\Delta y| < 6.0$ , Leading Jet

Gap fraction

- ATLAS
- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- - -○- - - Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- - -△- - - Pythia 6.428 381
- - -▽- - - Pythia 6.428 382

1

0.8

0.6

0.4

0.2

0

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

100

200

300

 $\overline{P}_T$  [GeV]