

Gap fraction

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

10

1

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

■

ATLAS

+

Epos 1.99.crmc.1.6.0 lhc

▼

Herwig 7.2.1 softTune

▲

Pythia 8.315 default

(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

 $\overline{P_T}$  [GeV]

7000 GeV pp

Jets