

13000 GeV pp

Jets

Forward jets,  $600 < p_{\text{T}}^{\text{jet}} < 700$  [GeV]

fraction/bin

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$ 

■ ATLAS

-○- Pythia 6.428 345

-□- Pythia 6.428 346

-△- Pythia 6.428 370

-△- Pythia 6.428 ambt1

-●- Pythia 6.428 z1

-●- Pythia 6.428 z2

(ATLAS\_2019\_I1740909)

Rivet 4.1.0,  $\geq 2.2$  M events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

 $N_{\text{ch}}$ 

0

20

40

60