

13000 GeV pp

Jets

Forward jets,  $1000 < p_{\text{T}}^{\text{jet}} < 1200$  [GeV]

■ ATLAS

— POWHEG BOX r3744 default

—▲ Pythia 8.135 default

fraction/bin

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ Rivet 4.1.0,  $\geq 700k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2019\_I1740909)

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

0

20

40

60

 $N_{\text{ch}}$ 