

7000 GeV pp

Jets

3-to-2 jet ratio for $p_T^{\text{jets}} > 60\text{GeV}$ ($R=0.6$)

■ ATLAS

— Pythia 8.315 ropes

 $[\frac{d\sigma}{dp_T^{\text{lead} \geq 3}}] / [\frac{d\sigma}{dp_T^{\text{lead} \geq 2}}]$ 10^{-1} 10^{-2}

Ratio to ATLAS

0.5

200

400

600

800

 $p_T(\text{leading jet}) [\text{GeV}]$

(ATLAS_2011_I917599)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5