

7000 GeV pp

Jets

3-to-2 jet ratio for $p_T^{\text{jets}} > 110 \text{ GeV}$ ($R=0.4$)

■ ATLAS

— Pythia 8.315 ropes

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

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917599)

Ratio to ATLAS

2
1
0.52
1
0.5

200

400

600

800

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