

7000 GeV pp

Jets

3-to-2 jet ratio for $p_T^{\text{jets}} > 60 \text{ GeV}$ ($R=0.4$)

- ATLAS
- - ■ Pythia 6.425 default
- - * Pythia 6.425 pro-q2o

 $[\text{d}\sigma/\text{d}H_T^{(2)}]_{\geq 3} / [\text{d}\sigma/\text{d}H_T^{(2)}]_{\geq 2}$

1

 10^{-1} Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917599)

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

 $H_T^{(2)}$ [GeV]