

7000 GeV pp

Jets

3-to-2 jet ratio for $p_T^{\text{jets}} > 80 \text{ GeV}$ ($R=0.4$)

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.235 default

 $[\frac{d\sigma}{dp_T}]^{\text{lead} \geq 3} / [\frac{d\sigma}{dp_T}]^{\text{lead} \geq 2}$ 10
 1
 10^{-1} Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2011_I917599)

Ratio to ATLAS

 2
 1
 0.5 2
 1
 0.5 $p_T(\text{leading jet}) [\text{GeV}]$
 200
 400
 600
 800 