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

7000 GeV pp

Jets

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

■ ATLAS
▲ Pythia 8.315 default
▲ Pythia 8.315 default-noCR

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917599)

Ratio to ATLAS

p_T(leading jet) [GeV]