

8000 GeV pp

Jets

Dijets, more forward jet,  $p_T^{\min} > 500$  MeV $\langle n_{\text{charged}} \rangle$ 

- ATLAS
- ▲ Pythia 8.315 default
- -▲ Pythia 8.315 default-CD
- -▲ Pythia 8.315 default-DL
- ...▲ Pythia 8.315 default-MBR

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2016\_I1419070)

Ratio to ATLAS

2

1

0.5

Jet  $p_T$  [GeV]