

8000 GeV pp

Jets

Average $N_{\text{ch}} (p_{\text{T}} > 2, \text{central+forward}, |\eta| < 2.1)$

- ATLAS
- ▲ Pythia 8.308 default
- -▲ Pythia 8.308 default-CD
- -▲ Pythia 8.308 default-DL
- ...▲ Pythia 8.308 default-MBR

 $\langle n_{\text{central}}^{\text{charged}} + n_{\text{forward}}^{\text{charged}} \rangle$ Rivet 3.1.10, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2016_I1419070

Ratio to ATLAS

2

1

0.5

Jet p_{T} [GeV]

0

500

1000

1500