

13000 GeV pp

Jets

Average N_{ch} (ATLAS jet fragmentation) $\langle N_{\text{textrm}\{\text{ch}\}} \rangle$

- ATLAS
- △ Pythia 6.428 370
- -□ Pythia 6.428 391
- -■ Pythia 6.428 default
- ▲ Pythia 8.170 default

50

40

30

20

10

ATLAS_2019_I1740909

Rivet 3.1.10, $\geq 500k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

1000

2000

 $p_{\text{textrm}\{\text{T}\}}^{\text{textrm}\{\text{jet}\}} [\text{GeV}]$ 