

8000 GeV pp

Jets

Average $N_{\text{ch}} (p_{\text{T}} > 0.5, \text{forward}, |\eta| < 2.1)$ $\langle n_{\text{charged}} \rangle$

50

40

30

20

10

0



ATLAS



Alpgen+Py6 2.1.4_6.426 z2-CTEQ6L1



Sherpa 2.2.8 default

ATLAS_2016_I1419070

Rivet 3.1.0, $\geq 21\text{k}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

500

1000

1500

Jet p_{T} [GeV]