

Average  $N_{\text{ch}}$  ( $p_{\text{T}} > 0.5$ , central,  $|\eta| < 2.1$ )

- ATLAS
- Alpgen+Py6 2.1.3e\_6.426 350-CTEQ5L
- ▲- Alpgen+Py6 2.1.3e\_6.426 351-CTEQ5L
- Alpgen+Py6 2.1.3e\_6.426 352-CTEQ5L
- Alpgen+Py6 2.1.3e\_6.426 356-CTEQ6L1

Rivet 3.1.0,  $\geq 21$ k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2016\_I1419070

Ratio to ATLAS

0.5

2

1

0

5

10

15

20

25

30

35

40

45

0.5

2

1

0

5

10

15

20

25

30

35

40

45

0

500

1000

1500

Jet  $p_{\text{T}}$  [GeV]