

7000 GeV pp

W

Jet multiplicity ($(E_{T_j} > 20, |\eta_j| < 2.8, E_{T_e} > 20, |\eta_e| < 2.47^*, p_T^{\# \nu} > 25, M_T > 40, \Delta R_{\mu j} > 0.5)$)

- ATLAS
- Alpgen+Py6 2.1.4_6.426 350-CTEQ5L
- ▲ Alpgen+Py6 2.1.4_6.426 351-CTEQ5L
- Alpgen+Py6 2.1.4_6.426 352-CTEQ5L
- Alpgen+Py6 2.1.4_6.426 356-CTEQ6L1

 10^4 10^3 10^2

10

2

0.5

0

1

2

3

 N_{jet} Rivet 3.1.0, $\geq 66k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8919674

Ratio to ATLAS

2

1

0.5

 $\sigma(W + \geq N_{jet})$ [pb]

Ratio to ATLAS