

7000 GeV pp

W

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

■ ATLAS
○ Herwig++ (Def)

 $\sigma(W + \geq N_{\text{jet}}) [\text{pb}]$
 10^4
 10^3
 10^2

10

2

0.5

ATLAS_2010_S8919674

Herwig++ 2.7.1

Rivet 2.4.0, $\geq 57\text{M}$ events

mcplots.cern.ch

×2

+50%

+20%

+10%

-10%

-50%

Ratio to ATLAS

0

1

2

3

 N_{jet}
