

7000 GeV pp

W

Jet multiplicity ( $(E_{T_j} > 20, |\eta_j| < 2.8, E_{T_\mu} > 20, |\eta_\mu| < 2.4, p_T^{\# \nu} > 25, M_T > 40, \Delta R_{e_j} > 0.5)$ )

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

Rivet 3.1.10,  $\geq 400k$  events

$10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10$   
 $1$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.301 default

ATLAS\_2010\_S8919674

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

$N_{jet}$

