

7000 GeV pp

Z (Drell-Yan)

 $p_T(Z)$  (muon channel, dressed)Rivet 3.1.0,  $\geq 6.9$ M events

mcplots.cern.ch [arXiv:1306.3436]

 $1/\sigma d\sigma/dp_T$  [GeV $^{-1}$ ]1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$ 

- ATLAS
- ▲ Pythia 8.165 default
- ◆ Sherpa 2.2.8 default

ATLAS\_2011\_S9131140

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $p_T(\mu\mu)$  [GeV]

1

10

 $10^2$ 