

13000 GeV pp

Z (Drell-Yan)

&lt;pT&gt; (ATLAS UE in Z production)

 $1/N_{\text{ch}} dN_{\text{ch}}/dp_T [\text{GeV}]$ 

- ATLAS
- △ Herwig++ Powheg 2.7.1 default
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ◆ Sherpa 2.2.9 default

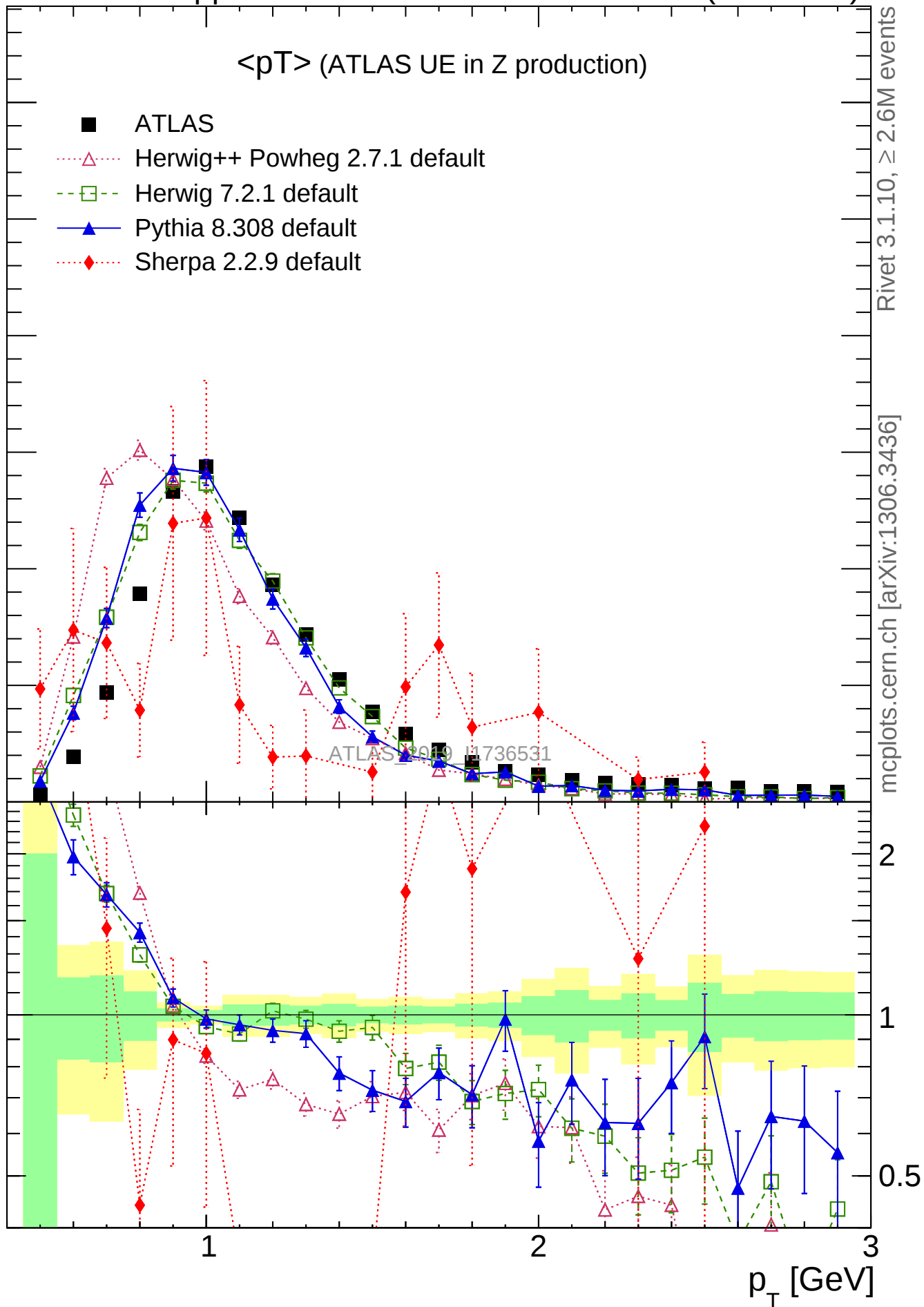
Rivet 3.1.10, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

3  
2.5  
2  
1.5  
1  
0.5  
0

2  
1  
0.5

 $p_T [\text{GeV}]$