

13000 GeV pp

Z+Jet

 $\langle p_T \rangle$  (ATLAS UE in Z production)

- ATLAS
- Herwig++ 2.6.1a default
- Herwig 7.2.1 default

 $1/N_{\text{ev}} dN_{\text{ev}}/d \text{ mean } p_T [\text{GeV}]^{-1}$ 

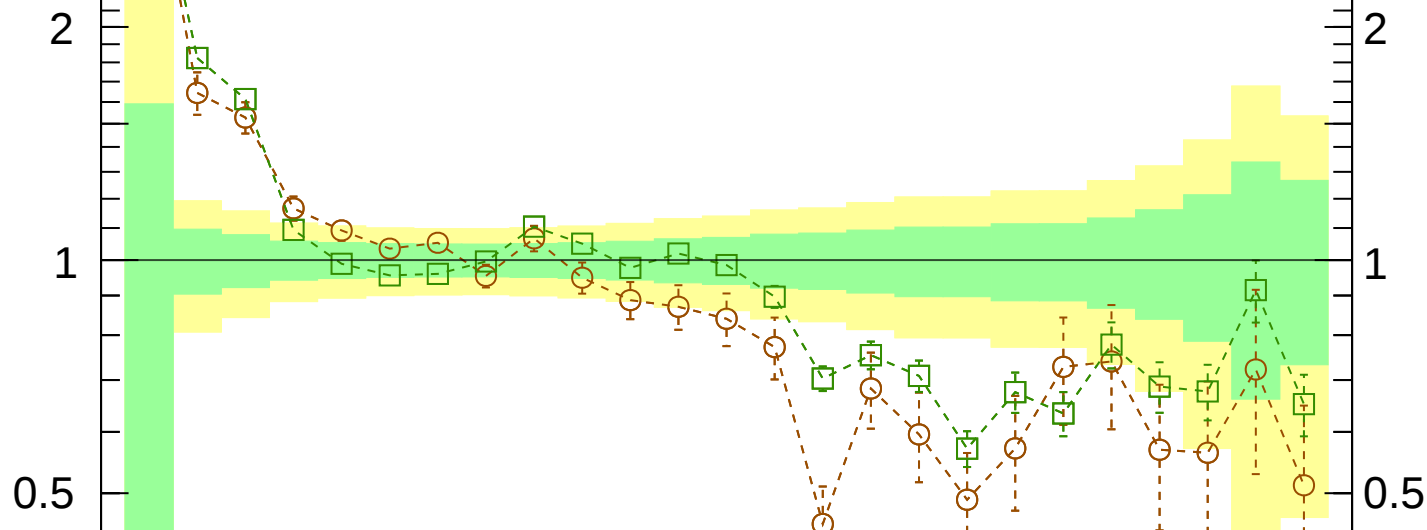
3  
2.5  
2  
1.5  
1  
0.5  
0

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2009\_11736531

Ratio to ATLAS

Mean  $p_T/d\eta d\phi$