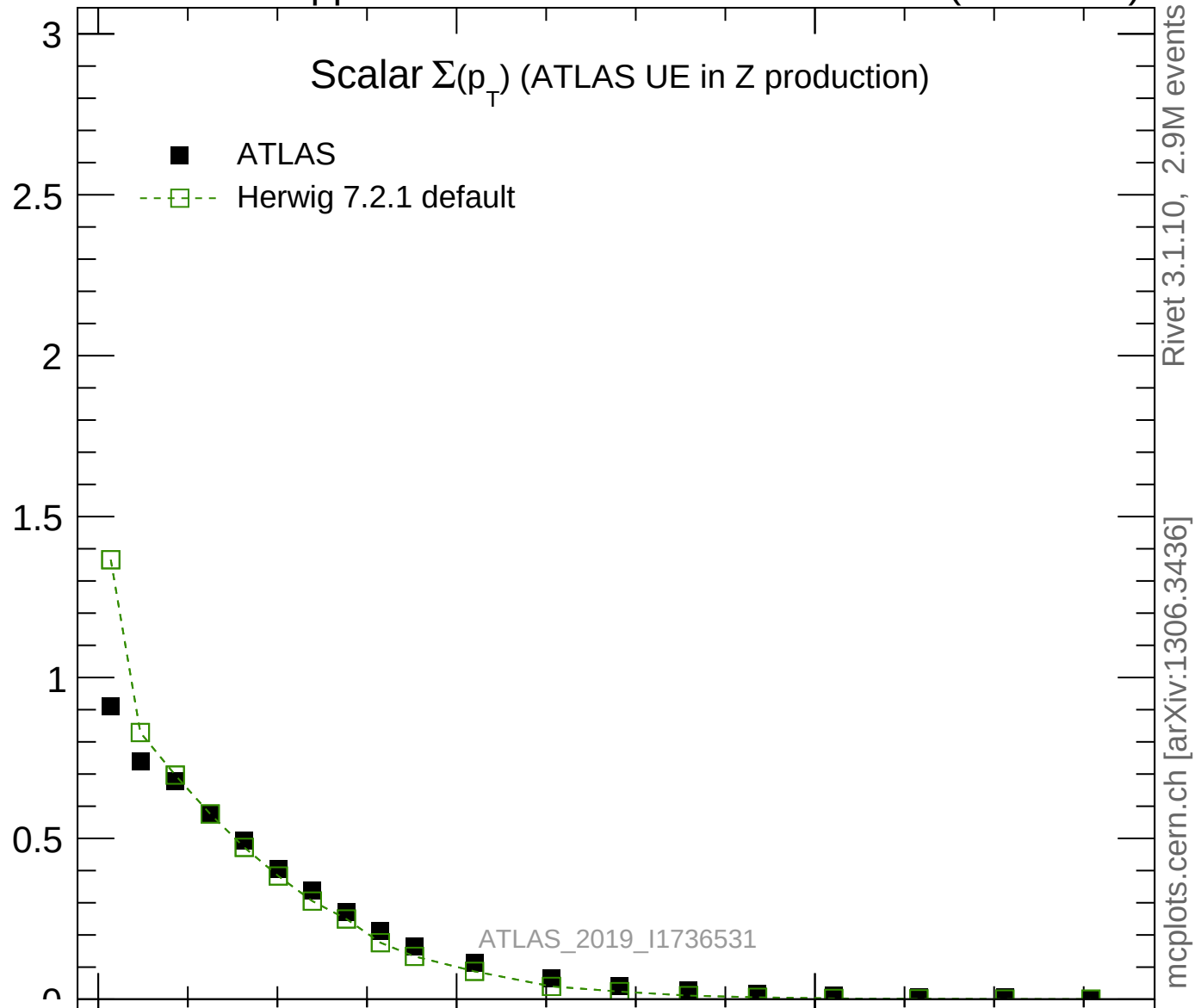


13000 GeV pp

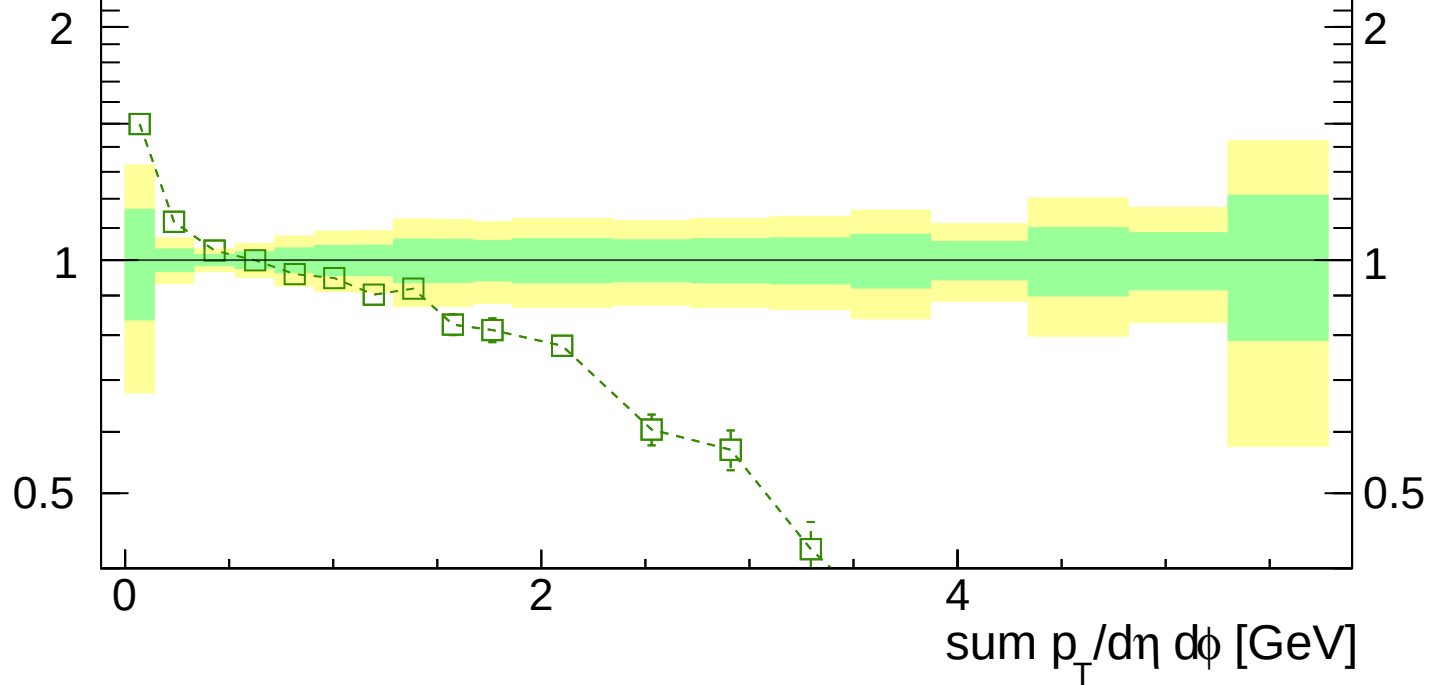
Z (Drell-Yan)

Scalar $\Sigma(p_T)$ (ATLAS UE in Z production)

- ATLAS
--□ Herwig 7.2.1 default

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

Ratio to ATLAS



Rivet 3.1.10, 2.9M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\text{sum } p_T/d\eta d\phi \text{ [GeV]}$