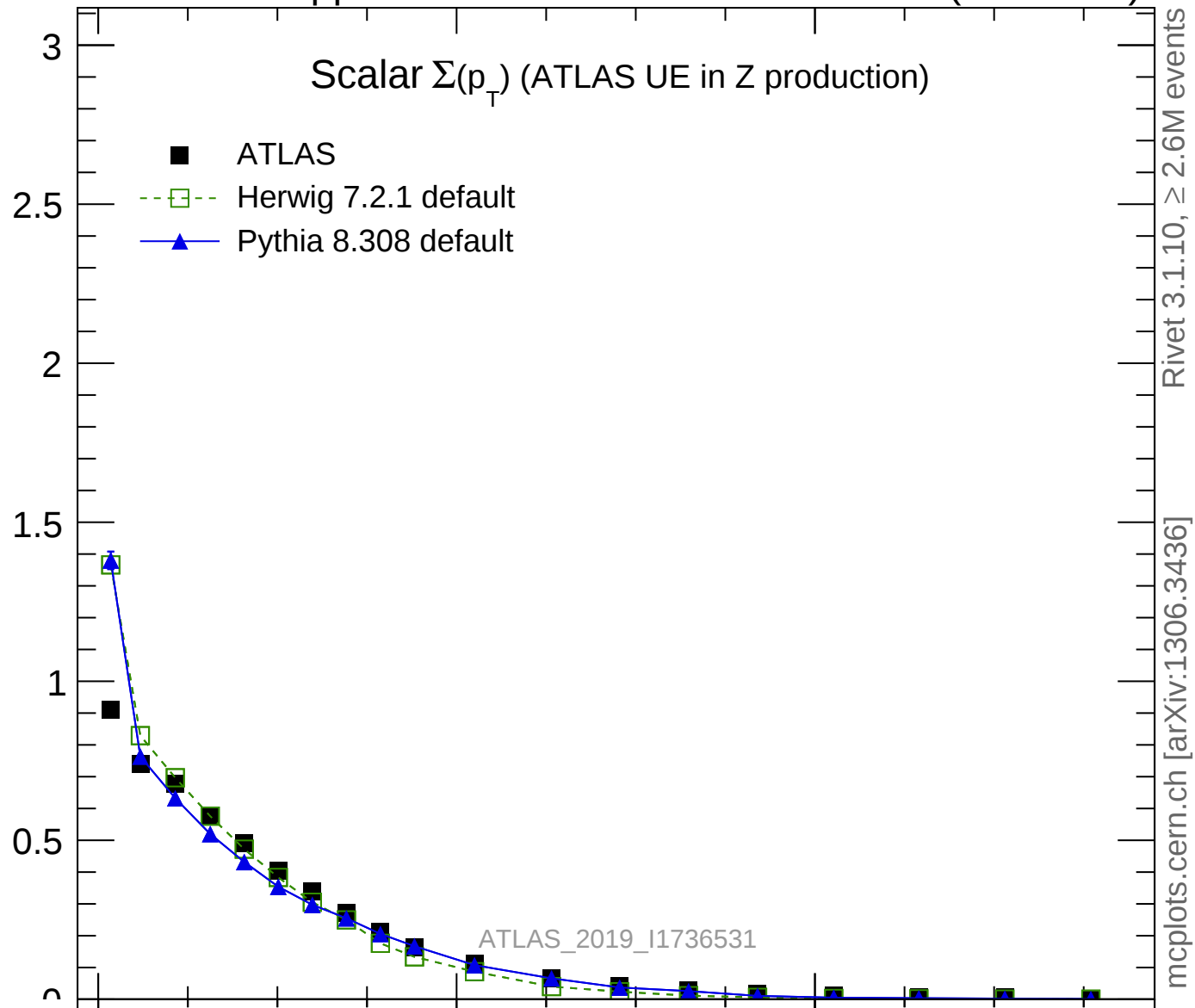


13000 GeV pp

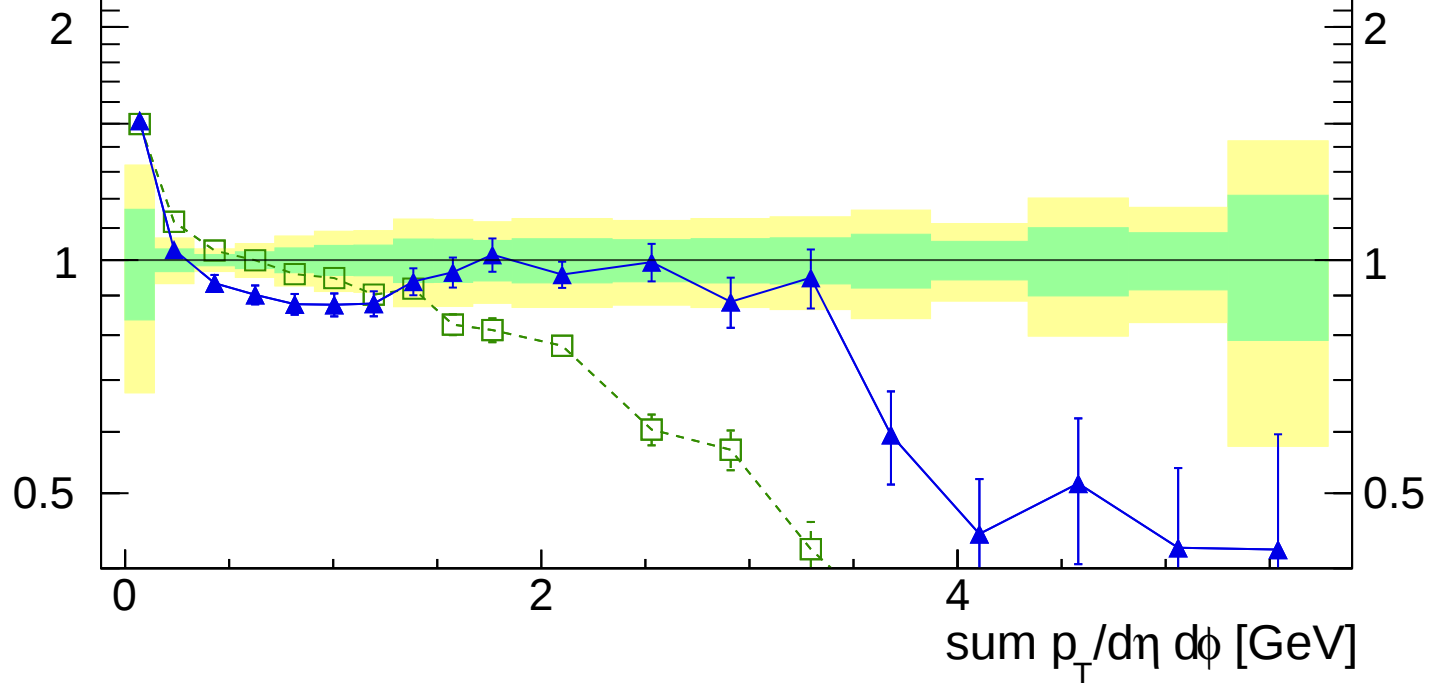
Z (Drell-Yan)

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

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 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, ≥ 2.6M events

mcplots.cern.ch [arXiv:1306.3436]