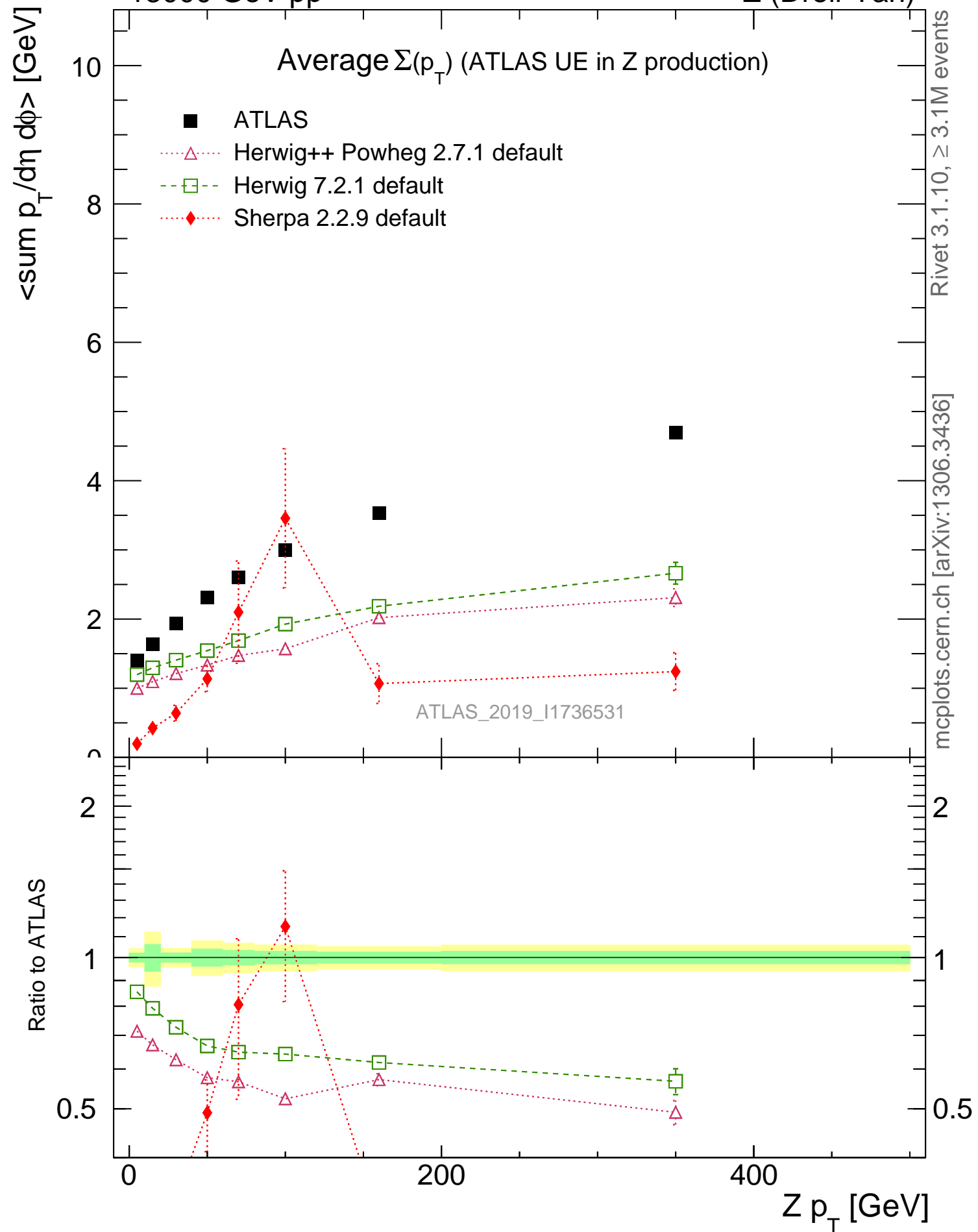


Average  $\Sigma(p_T)$  (ATLAS UE in Z production)

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



mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10,  $\geq 3.1$ M events

ATLAS\_2019\_I1736531