

7000 GeV pp

Underlying Event

 $\Sigma(p_T)$  vs  $\Delta\phi$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 3$  GeV)

- ATLAS
- Herwig 7.2.1 default
- ▲— Pythia 8.180 default

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $|\phi_{\text{left}} - \phi_{\text{right}}|$  (w.r.t. leading track) [rad]