

13000 GeV pp

Underlying Event

 $\Sigma(p_T)$  vs  $\Delta\phi$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 10$  GeV)

- ATLAS
- ▲ Pythia 8.186 default
- ▲ Pythia 8.186 default-noCR

Rivet 3.1.10,  $\geq 300k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to ATLAS

 $|\Delta\phi|$  [degrees]