

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 vincia-default

Rivet 3.1.10,  $\geq 2.7$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2  
1  
0.5left| $\phi$ |right| (w.r.t. leading track) [rad]