

13000 GeV pp

Underlying Event

 $\Sigma(p_T)$  vs  $\Delta\phi$  ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 5$  GeV)

- ATLAS
- - □ Herwig 7.2.1 default

5

4

3

2

1

0

2

1

0

ATLAS\_2017\_I1509919

Ratio to ATLAS

0.5

1

2

0

50

100

150

 $|\Delta\phi|$  [degrees]

Rivet 3.1.10, 3.3M events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5