

900 GeV pp

Underlying Event

 $\langle p_T \rangle$  density wrt  $\phi$  of leading track ( $|\eta| < 2.5$ ,  $p_T > 0.5$  GeV,  $p_{T1} > 2$  GeV)

ATLAS  
 Sherpa 2.1.1 default

Rivet 3.1.0, 6.9M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0

0.2

0.4

0.6

0.8

1.0

1.2

0.5

1

2

0

1

2

3

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