

13000 GeV pp

Underlying Event

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

■ ATLAS  
- - - ◆ Sherpa 1.4.5 default

 $\langle \text{sum } p_T / \Delta\eta \text{ delta}\phi \rangle$ 

Rivet 3.1.10, 400k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2017\_I1509919

Ratio to ATLAS

2

1

0.5

 $|\Delta\phi|$  [degrees]