

900 GeV pp

Underlying Event

 $\Sigma(p_T)$ vs $\Delta\phi$ ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1.5$ GeV)

- ATLAS
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.308 default
- - ◆ - - Sherpa 2.2.9 default

Rivet 3.1.10, ≥ 3.2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

Ratio to ATLAS

2

1

0.5

left|ϕright| (w.r.t. leading track) [rad]

