

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.308 default
- - ▼ Pythia 8.308 tune-AU2
- · · ◇ Pythia 8.308 tune-AU2lox
- · · □ Pythia 8.308 tune-AU2loxx
- · · ★ Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 2.5 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

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