

900 GeV pp

Underlying Event

 $\Sigma(p_T)$ vs $\Delta\phi$ ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 1$ GeV)

- ATLAS
- - ○ - - Pythia 6.425 atlas-csc
- - * - - Pythia 6.425 d6t
- - □ - - Pythia 6.425 default
- - ▼ - - Pythia 6.425 dw
- - ○ - - Pythia 6.425 p0

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

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