

13000 GeV pp

Underlying Event

 $\Sigma(p_T)$ vs $\Delta\phi$ ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 10$ GeV)

- ATLAS
- Pythia 6.427 346
- △ Pythia 6.427 347
- ◇ Pythia 6.427 348
- ⊕ Pythia 6.427 349
- △ Pythia 6.427 370

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS-2017-1309919

Ratio to ATLAS

2

1

0.5

 $|\Delta\phi|$ [degrees]