

7000 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- ...△ Pythia 6.428 373
- -○ Pythia 6.428 374
- ··○ Pythia 6.428 375
- -△ Pythia 6.428 381
- ··▽ Pythia 6.428 382

Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

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