

13000 GeV pp

Underlying Event

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

- ATLAS
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- . - . ■ Pythia 6.428 default
- ▲ Pythia 8.244 default

10

1

(ATLAS_2017_I1509919)

2

Ratio to ATLAS

1

0.5

0

10

20

30

Rivet 4.1.0, ≥ 300k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5