

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

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- * Pythia 6.428 d6t
- Pythia 6.428 default
- ▽ Pythia 6.428 dw
- Pythia 6.428 p0

ATLAS_2010_S8894728

Rivet 3.1.10, $\geq 3.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

0.5

1

2

0.5

1

2

 p_T (leading track) [GeV]

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

6

5

4

3

2

1

0

0

1

2

3

4

5

6

0

5

10

15

20