

7000 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.212 default
- ◆ Sherpa 2.2.9 default

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

Ratio to ATLAS

2

1

0.5

 p_T (leading track) [GeV]

0 5 10 15 20

0

5

10

15

20