

900 GeV pp

Underlying Event

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

- ATLAS
- ▲ Pythia 8.183 default
- ◆ Sherpa 2.2.9 default

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]1  
0.8  
0.6  
0.4  
0.2  
0

ATLAS\_2010\_S8894728

Rivet 3.1.10,  $\geq 400k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2  
1  
0.52  
1  
0.5 $p_T$  (leading track) [GeV]

2 4 6 8 10

