

$\Sigma(p_T) \text{ vs } \eta^{\text{lead}} (|\eta| < 2.5, p_T > 0.1 \text{ GeV})$ 

- ATLAS
- - □ - - Herwig 7.0.0 default
- - ▲ - - Pythia 8.308 default

Rivet 3.1.10,  $\geq 500k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

2

1

0.5

 $|\eta|$  (leading track) $\langle d^2 \text{ sum } p_T / d\eta d\phi \rangle [\text{GeV}]$ 

3

2.5

2

1.5

1

0.5

0

1

2

0

1

2