

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default

Rivet 3.1.10,  $\geq 3.6$ M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$  [GeV]7  
6  
5  
4  
3  
2  
1  
0

Ratio to ATLAS

2  
1  
0.52  
1  
0.50 5 10 15 20  
 $p_T$  (leading track) [GeV]