

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

- ATLAS
- △ Pythia 6.428 370
- - -■ Pythia 6.428 default
- ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 3.5\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2010\_S8894728

Ratio to ATLAS

0.5

1

2

0.5

1

2

0

1

2

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

2.5

2

1.5

1

0.5