

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

- ATLAS
- ▲ Pythia 8.308 default
- ▲ Pythia 8.308 default-noFsr
- ▲ Pythia 8.308 default-noRap

Rivet 3.1.10, $\geq 3.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

 $\langle d^2 \text{ sum } p_T / d\eta d\phi \rangle [\text{GeV}]$
2.5
2
1.5
1
0.5

Ratio to ATLAS

2
1
0.5

0

1

2

 $|\eta|$ (leading track)
