

1960 GeV ppbar

Underlying Event

Average $\Sigma(p_T)$ vs p_T^{lead} ($|\eta| < 1$, $p_T > 0.5$ GeV)

- CDF
- ▼ Herwig 7.2.1 softTune
- △ Pythia 6.428 370
- ▲ Pythia 8.170 default

CDF_2010_S8591881_QCD

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CDF

0.5

1

2

0.5

1

2

 $p_T(\text{leading jet}) / \text{GeV}$ $\langle \text{sum } p_T^{\text{track}} \rangle / d\eta, d\phi / \text{GeV}$ 