

1960 GeV ppbar

Underlying Event

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

- CDF
- ▲ Pythia 8.308 default
- Pythia 8.308 tune-A14-CTEQL1
- - - Pythia 8.308 tune-A14-MSTW2008LO
- ... Pythia 8.308 tune-A14-NNPDF2.3LO
- - △ Pythia 8.308 tune-CUETP8S1

CDF_2010_S8591881_QCD

Rivet 3.1.10, ≥ 1.9 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CDF

0.5

1

2

0.5

1

2

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