

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

- CDF
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-AU2
- ◇ Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2loxx
- ★ Pythia 8.308 tune-AU2m

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

mcplots.cern.ch [arXiv:1306.3436]

CDF_2010_S8591881_QCD

Ratio to CDF

0.5

1

2

0.5

1

2

0 100 200 300 400

$p_T(\text{leading jet}) / \text{GeV}$

$\langle p_T^{\text{rack}} \rangle / \text{GeV}$

7

6

5

4

3

2

1

0