

$(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$

- ▲ Pythia 8.180 default
- ◻ Pythia 8.180 tune-4cx

 $1/N_{ev}, dE_T/d\eta [\text{GeV}]$

10

8

6

4

2

0

Ratio to Pythia 8.180 default

2

1

0.5

-5

0

5

 η Rivet 3.1.0, $\geq 7.4\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5