

200 GeV pp

Soft QCD

Inclusive jet cross-section, minbias trigger

- STAR
- ▲ Pythia 8.315 default
- -▼ Pythia 8.315 tune-AU2
- · -◇ Pythia 8.315 tune-AU2lox
- · -□ Pythia 8.315 tune-AU2lox
- · -★ Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2006_I723509)

Ratio to STAR

 $1/(2\pi) \frac{d^2\sigma}{(d\eta dp_T)} [\text{pb/GeV}]$

2

1

0.5

jet p_T /GeV