

7000 GeV pp

Top (parton level)

 $y(t\bar{t})$  ( $M_{t\bar{t}} > 450$   $dy > 0$ )

- Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- Pythia 8.235 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.428 370

10<sup>2</sup>

10

1

10<sup>-1</sup>

10<sup>-2</sup>

10<sup>-3</sup>

10<sup>-4</sup>

2

1

0.5

-2

0

2