

7000 GeV pp

Top (parton level)

 $\Delta\phi$ (ttbar) ($p_{Tt\bar{t}} < 50$ $dy < 0$)

- \triangle Pythia 6.428 370
- - - \circ Pythia 6.428 atlas-csc
- - - $*$ Pythia 6.428 d6t
- - - \square Pythia 6.428 default
- - - ∇ Pythia 6.428 dw
- \circ Pythia 6.428 p0

 10^3 10^2

10

1

 10^{-1} Rivet 3.1.10, $\geq 2.3M$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_FBA_TTBAR)

2

2

1

1

0.5

0.5

0

1

2

3

Ratio to Pythia 6.428 370

0

1

2

3