

1960 GeV ppbar

Top (parton level)

 $\Delta\phi$  (ttbar) ( $p_{Ttt} > 50$ )

- $\triangle$  Pythia 6.428 370
- - -  $\blacktriangle$  Pythia 6.428 371
- - -  $\blacktriangledown$  Pythia 6.428 372
- - -  $\bullet$  Pythia 6.428 376

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.428 370

0 0.5 1 2

0 1 2 3

0.8

0.6

0.4

0.2

0

-0.2

-0.4

-0.6

-0.8

2

1

0.5