

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

- Pythia 6.428 345
- Pythia 6.428 346
- △--- Pythia 6.428 370
- △--- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.10,  $\geq 2.3M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 6.428 345

