

7000 GeV pp

Top (parton level)

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

- Pythia 6.427 370
- Pythia 6.427 371
- Pythia 6.427 372
- Pythia 6.427 376

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 6.427 370

 $(\sigma_{\text{BA_TTBAR}})$ 