

1960 GeV ppbar

Top (parton level)

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

- Pythia 8 (Def)
- Pythia 8 (AU2)
- Pythia 8 (AU2LOX)
- Pythia 8 (AU2LOXX)
- Pythia 8 (AU2M)

1

 10^{-1} 10^{-2}

Pythia 8.240

Rivet 2.6.1, $\geq 100k$ events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to Pythia 8 (Def)

2

1

0.5

2

1

0.5

0

1

2

3

