

7000 GeV pp

Top (MC only)

$M(t\bar{t}b\bar{a})$  ( $p_{Tt\bar{t}} < 50$   $d_{y < 0}$ )

- Herwig++ (Def)
- Pythia 6 (Def)
- Pythia 8 (Def)
- Sherpa (Def)

Rivet 2.4.0,  $\geq 6.2M$  events

mcplots.cern.ch

Herwig++ 2.7.1, Pythia 6.428, Pythia 8.212, Sherpa 2.2.0

Ratio to Herwig++ (Def)



2

1

0.5

$\times 2$

+50%

+10%

-10%

-50%

200

400

600

800

1000