

7000 GeV pp

Top (parton level)

 $M(t\bar{t}b\bar{a})$  ( $d\gamma < 0$ )

Pythia 6.425 ambt1  
Pythia 6.425 z2

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.425 ambt1

