

7000 GeV pp

Top (parton level)

 $p_T$  (ttbar) ( $M_{tt} < 450$   $\Delta y < 0$ )Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$ 

- △— Pythia 6.428 370
- -○- - Pythia 6.428 atlas-csc
- -\* - - Pythia 6.428 d6t
- -□- - Pythia 6.428 default
- -▽- - Pythia 6.428 dw
- Pythia 6.428 p0

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.428 370

2  
1  
0.52  
1  
0.5

0

100

200

300