

7000 GeV pp

Top (parton level)

 $p_T$  (top) ( $M_{tt} < 450$ )Rivet 3.1.10,  $\geq 2.6M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 6.428 370

(MC\_FBA\_TTBAR)

10  
1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$   
 $10^{-6}$   
 $10^{-7}$ 

- $\triangle$  Pythia 6.428 370
- $\circ$  Pythia 6.428 atlas-csc
- $*$  Pythia 6.428 d6t
- $\square$  Pythia 6.428 default
- $\nabla$  Pythia 6.428 dw
- $\circ$  Pythia 6.428 p0

2

1

0.5

2

1

0.5

0

100

200

300

400