

7000 GeV pp

 $t\bar{t}$ $t\bar{t}$ cross-section vs. 5th jet $\{p_T\}$ $d\sigma/dp_{T\{t\bar{t}\}}$ [pb/GeV]

- ATLAS
- △ 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

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

(ATLAS_2014_I1304688)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.52
1
0.5

50

100

150

5th jet $\{p_T\}$ [GeV]