

7000 GeV pp

Jets

HT (anti- $k_T(0.4)$, $N_{\text{jet}} \geq 4$) $d\sigma(N_{\text{jet}} \geq 4) / dH_T$ [pb/GeV] 10^2

10

1

 10^{-1}

ATLAS

AlpGen + Pythia 6 (343.22)

Sherpa (Def)

ATLAS_2011_S9128077

AlpGen+Py6 2.1.4_6.426, Sherpa 2.1.1

Rivet 3.1.0, $\geq 21k$ events

mcplots.cern.ch (arXiv:1306.3436)

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

 H_T [GeV]