

7000 GeV pp

Jets

R32 vs HT (anti- $k_T(0.4)$)

■ ATLAS
◆ Sherpa 2.2.9 default

 $[\frac{d\sigma}{dH_T^{(2)}}]_{\geq 3} / [\frac{d\sigma}{dH_T^{(2)}}]_{\geq 2}$ 10^{-1} 10^{-2}

Rivet 3.1.10, 100k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S9128077

Ratio to ATLAS

2

1

0.5

2

1

0.5

500

1000

 $H_T^{(2)}$ [GeV]