Splitting scale $\sqrt{d_{12}}$ (anti-$k_T$(1.0), 500< $p_T$ < 600, |y| < 2.0)

ATLAS

Pythia 6.424 default

Pythia 8.226 default

7000 GeV pp

Jets

Rivet 3.1.0, ≥ 7.2M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2012_I1094564

$1/\sigma \, d\sigma/dsqrt\{d_{12}\}$ [GeV$^{-1}$]

Ratio to ATLAS

sqrt$\{d_{12}\}$ [GeV]