

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

- ATLAS
- Alpgen+Py6 2.1.4\_6.426 z2-CTEQ6L1
- - □ - - Herwig 7.2.0 default
- ▲— Pythia 8.201 default
- · · · ◆ · · · Sherpa 2.2.8 default

Rivet 3.1.0,  $\geq 26k$  events

mcplots.cern.ch [arXiv:1306.3436]

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

0.09

0.08

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

50

100

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

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0