

8000 GeV pp

Z (Drell-Yan)

 $y^Z$  ( $500 < m_{\parallel} < 1500$  GeV) $10^{-4}$  $10^{-5}$  $10^{-6}$  $10^{-7}$ 

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

(ATLAS\_2016\_I1467454)

Rivet 4.1.0,  $\geq 2$ M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

0.5

1

1.5

2