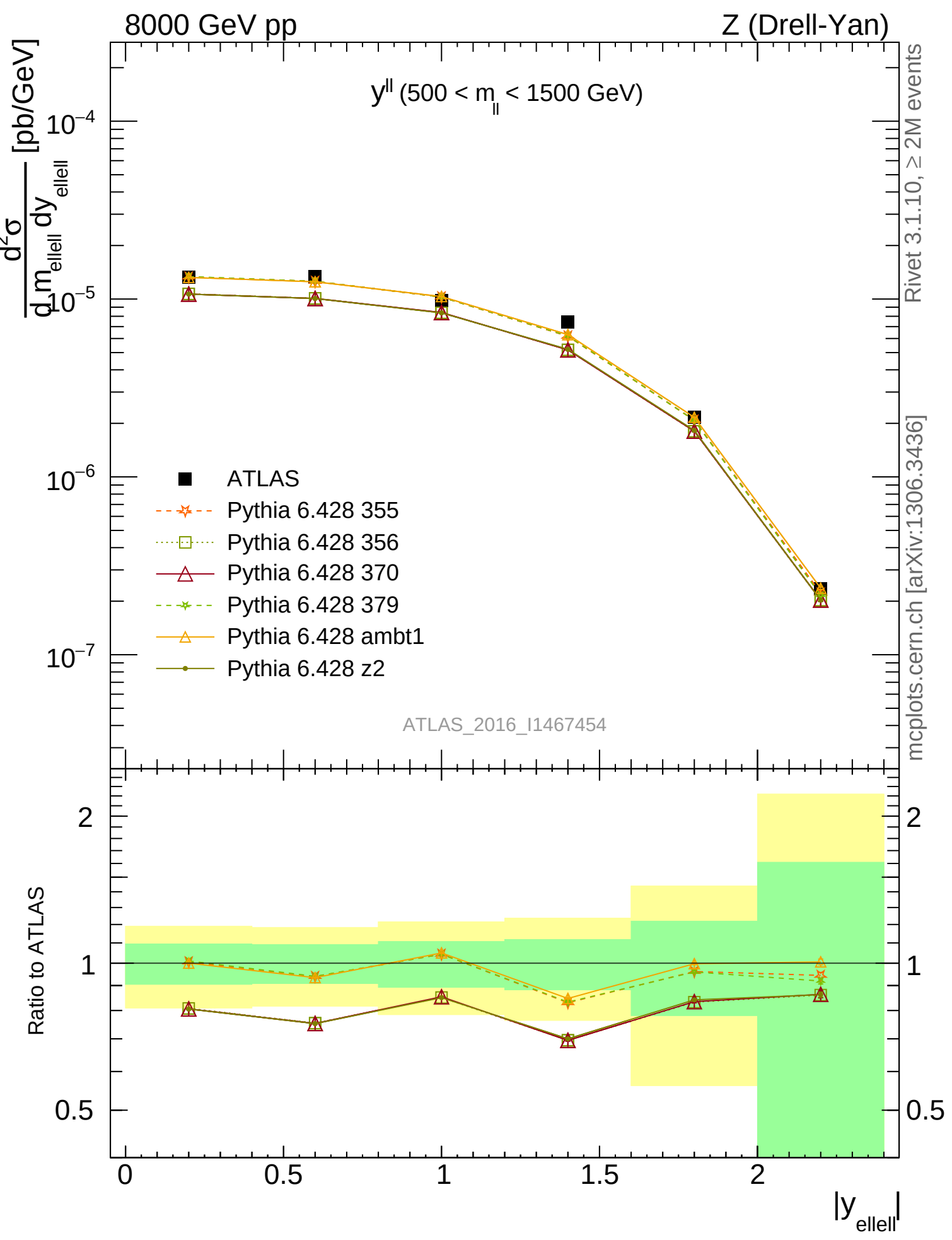
8000 GeV pp
Z (Drell-Yan)
y^{ll} (500 < m_{ll} < 1500 GeV)
$\frac{d^2\sigma}{dm_{ellell}dy_{ellell}}$ [pb/GeV]
10^{-4}
10^{-5}
10^{-6}
10^{-7}
ATLAS
Pythia 6.428 355
Pythia 6.428 356
Pythia 6.428 370
Pythia 6.428 379
Pythia 6.428 ambt1
Pythia 6.428 z2
ATLAS_2016_I1467454
Rivet 3.1.10, ≥ 2M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
0.5
1
1.5
2
$|y_{ellell}|$