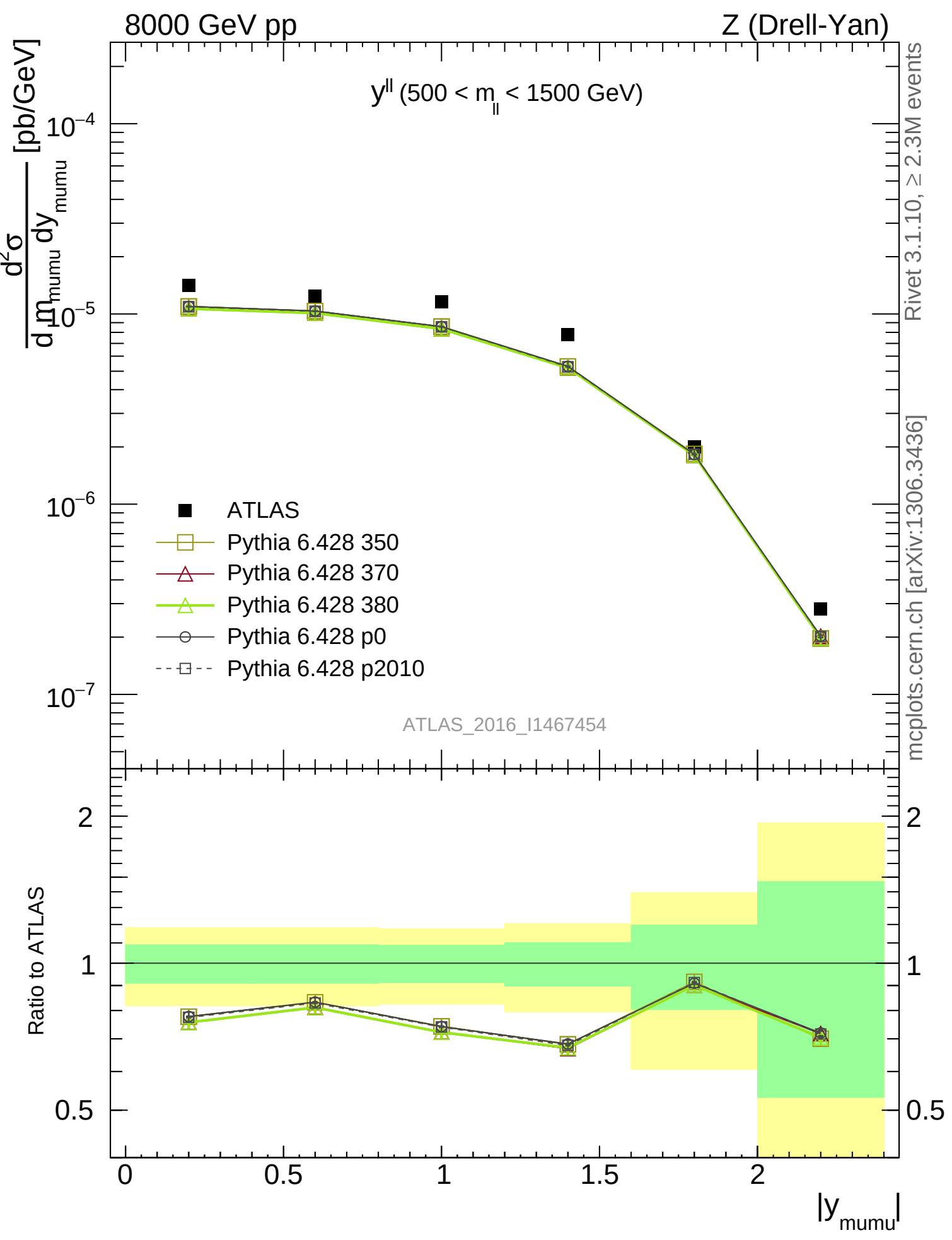
8000 GeV pp
Z (Drell-Yan)
y^{ll} (500 < m_{ll} < 1500 GeV)
$\frac{d^2\sigma}{d\,m_{mumu}\,dy_{mumu}}$ [pb/GeV]
10^{-4}
10^{-5}
10^{-6}
10^{-7}
ATLAS
Pythia 6.428 350
Pythia 6.428 370
Pythia 6.428 380
Pythia 6.428 p0
Pythia 6.428 p2010
ATLAS_2016_I1467454
Rivet 3.1.10, ≥ 2.3M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
0.5
1
1.5
2
$|y_{mumu}|$