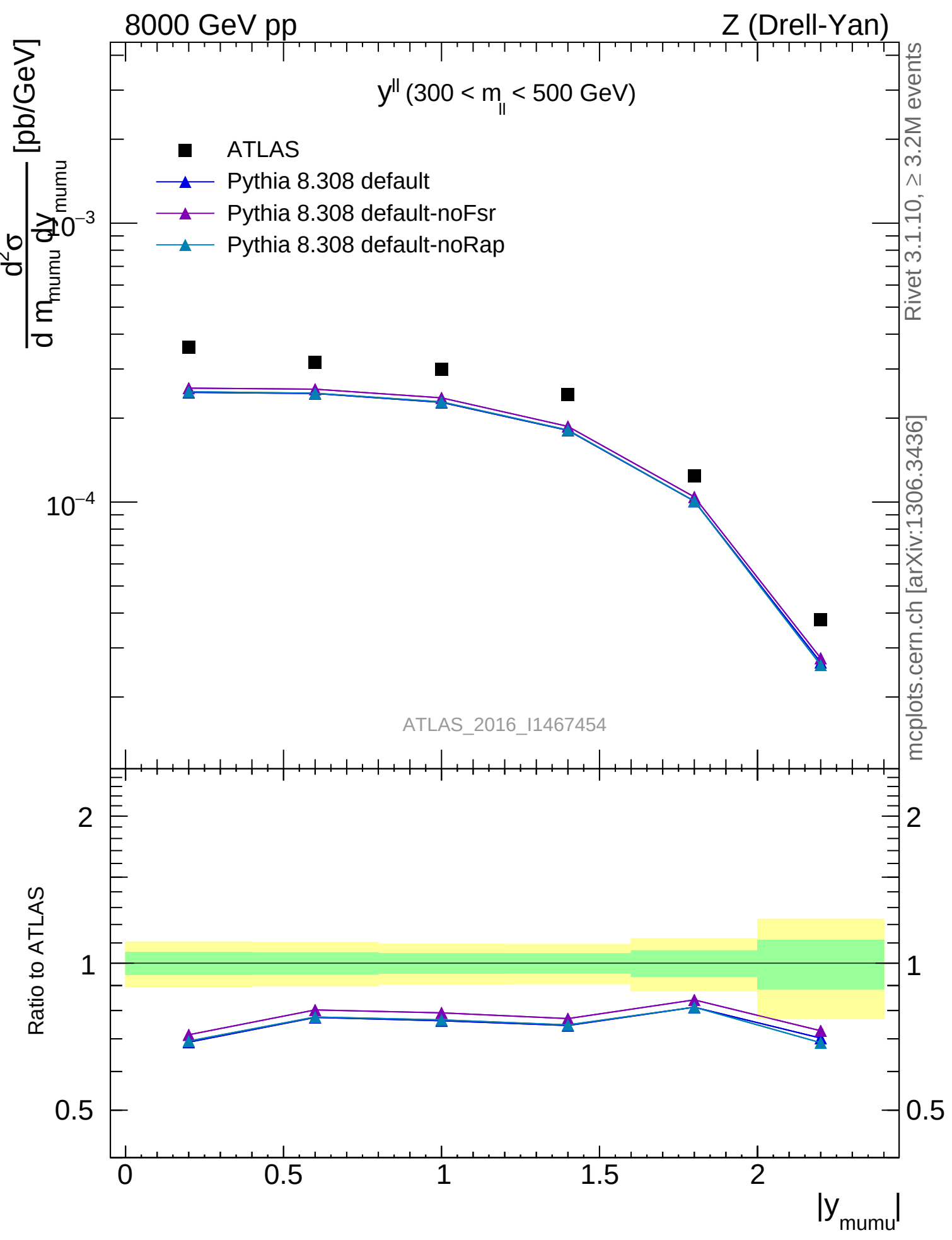
8000 GeV pp
Z (Drell-Yan)
y^{ll} (300 < m_{ll} < 500 GeV)
ATLAS
Pythia 8.308 default
Pythia 8.308 default-noFsr
Pythia 8.308 default-noRap
$\frac{d^2\sigma}{d\,m_{mumu}\,dy_{mumu}}$ [pb/GeV]
10^{-3}
10^{-4}
ATLAS_2016_I1467454
Rivet 3.1.10, ≥ 3.2M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
0.5
1
1.5
2
$|y_{mumu}|$