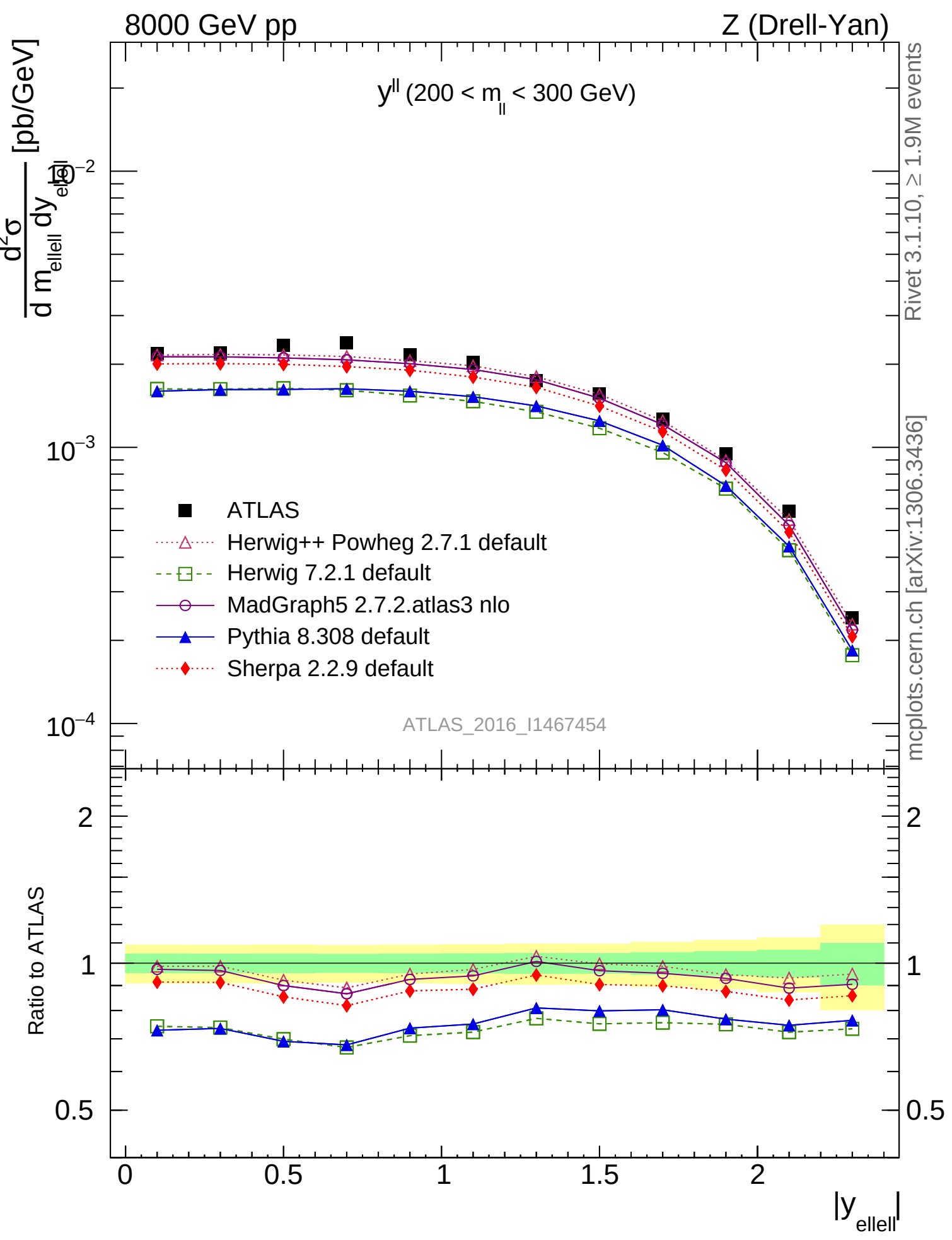
8000 GeV pp
Z (Drell-Yan)
y^{ll} (200 < m_{ll} < 300 GeV)
$\frac{d^2\sigma}{d\,m_{ellell}\,dy_{ellell}}$ [pb/GeV]
10^{-2}
10^{-3}
10^{-4}
ATLAS
Herwig++ Powheg 2.7.1 default
Herwig 7.2.1 default
MadGraph5 2.7.2.atlas3 nlo
Pythia 8.308 default
Sherpa 2.2.9 default
ATLAS_2016_I1467454
Rivet 3.1.10, ≥ 1.9M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
2
1
0.5
0
0.5
1
1.5
2
$|y_{ellell}|$