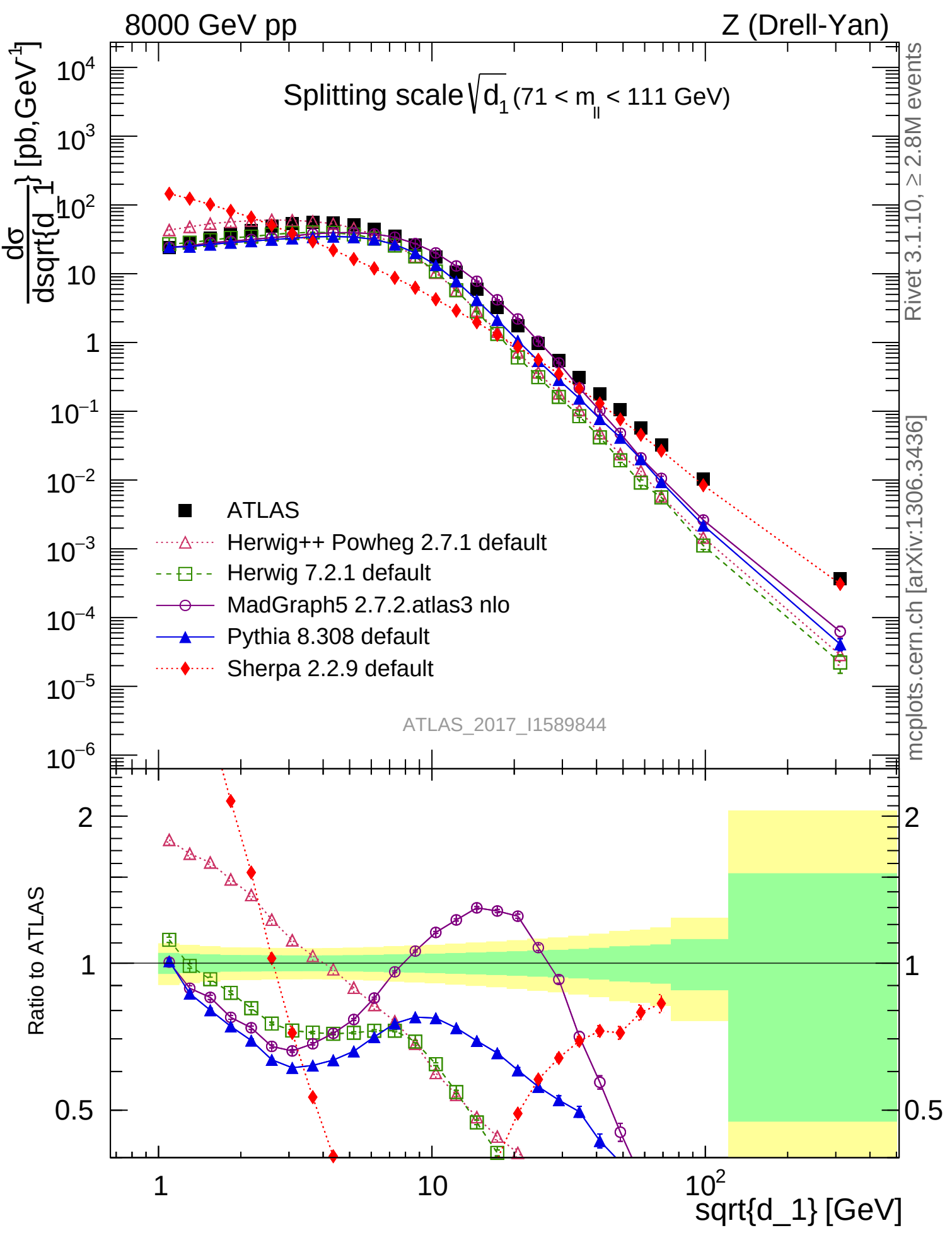
8000 GeV pp
Z (Drell-Yan)
Splitting scale $\sqrt{d_1}$ (71 < m_{ll} < 111 GeV)
$\frac{d\sigma}{d\mathrm{sqrt}\{d_1\}}$ [pb,GeV^{-1}]
ATLAS
Herwig++ Powheg 2.7.1 default
Herwig 7.2.1 default
MadGraph5 2.7.2.atlas3 nlo
Pythia 8.308 default
Sherpa 2.2.9 default
ATLAS_2017_I1589844
Rivet 3.1.10, ≥ 2.8M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
sqrt{d_1} [GeV]