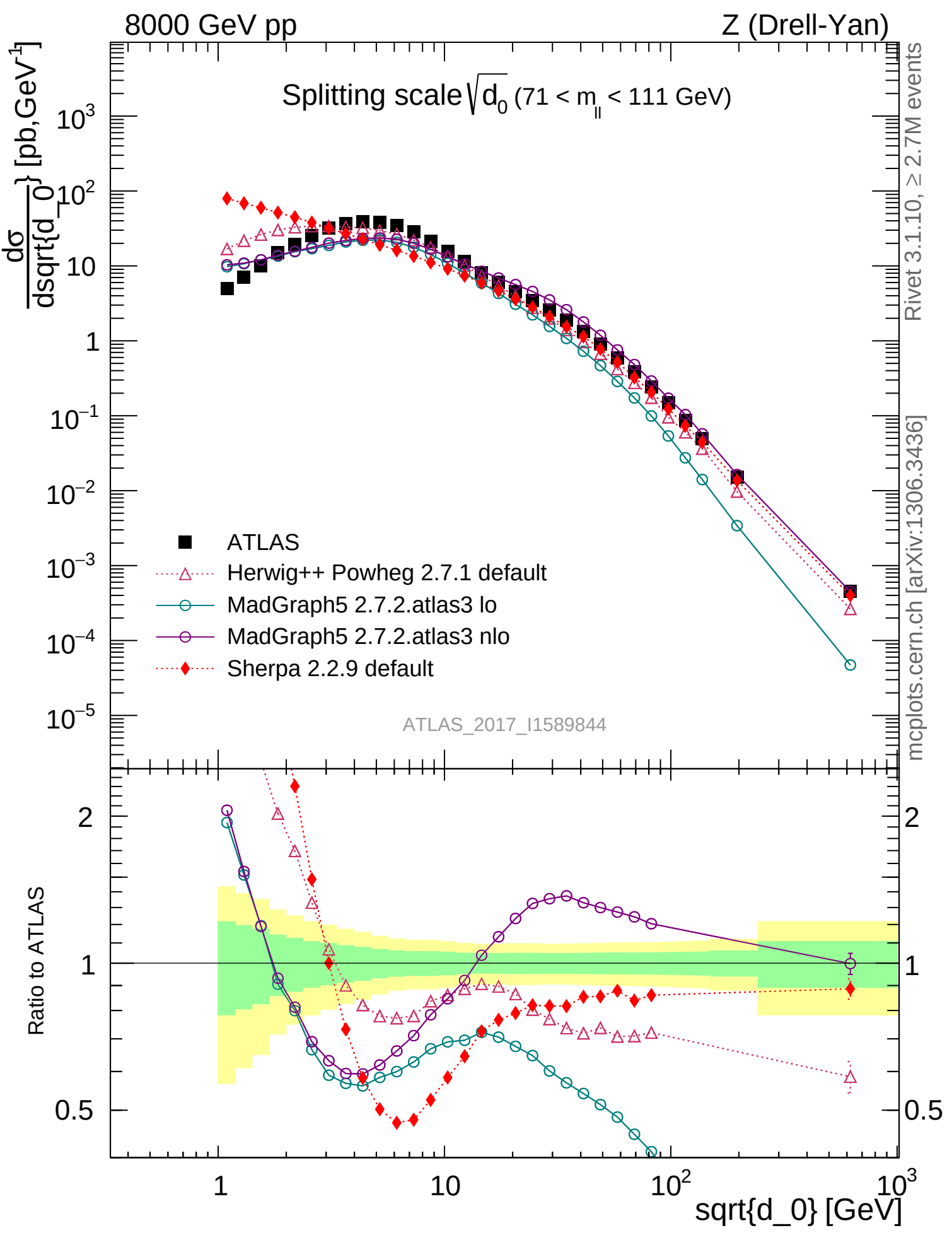
8000 GeV pp
Z (Drell-Yan)
Splitting scale $\sqrt{d_0}$ (71 < m_{ll} < 111 GeV)
$\frac{d\sigma}{d\mathrm{sqrt}\{d_0\}}$ [pb,GeV^{-1}]
ATLAS
Herwig++ Powheg 2.7.1 default
MadGraph5 2.7.2.atlas3 lo
MadGraph5 2.7.2.atlas3 nlo
Sherpa 2.2.9 default
ATLAS_2017_I1589844
Rivet 3.1.10, ≥ 2.7M events
mcplots.cern.ch [arXiv:1306.3436]
Ratio to ATLAS
sqrt{d_0} [GeV]