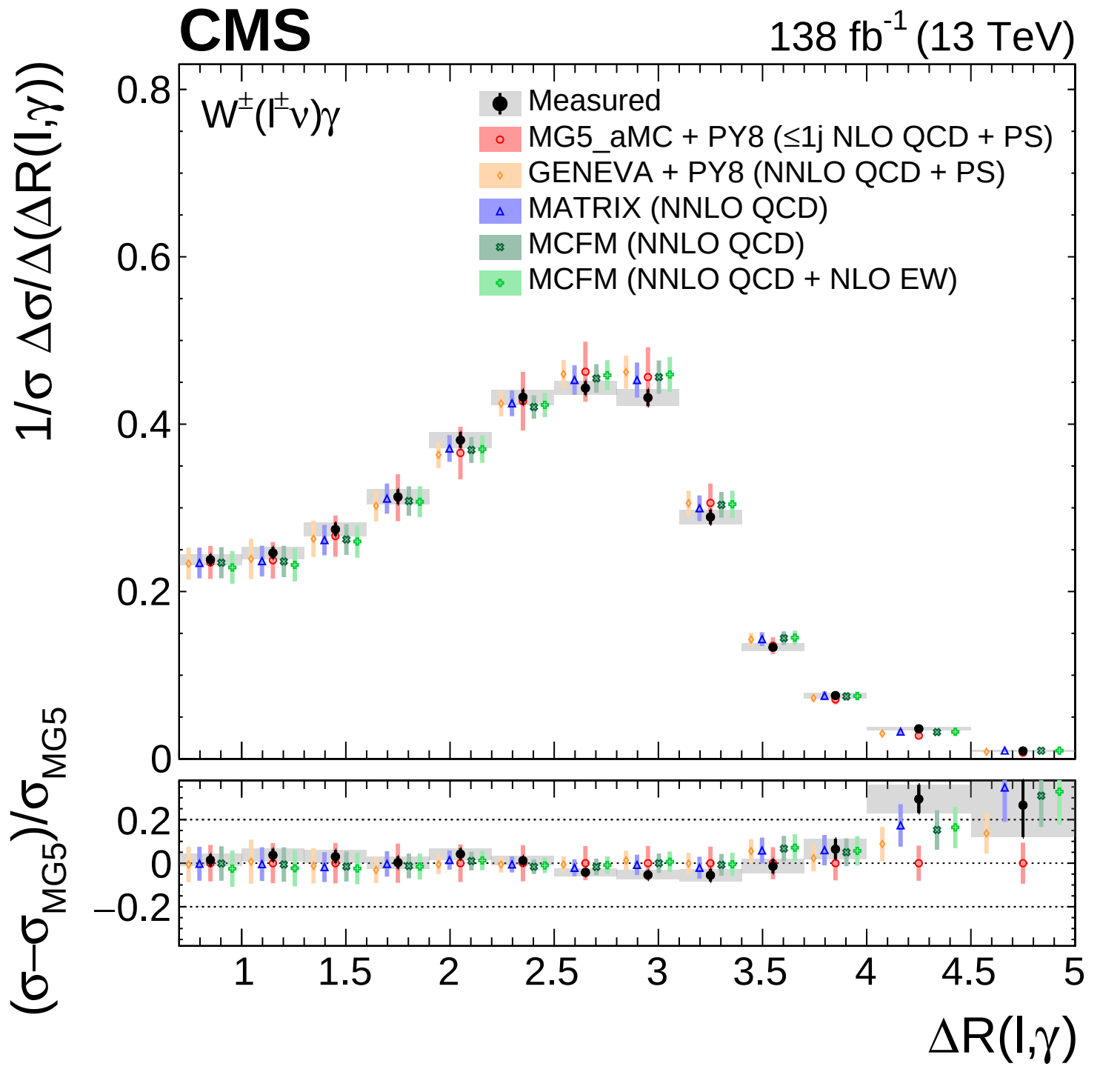
CMS
138 fb^{-1} (13 TeV)
$W^{\pm}(l^{\pm}\nu)\gamma$
Measured
MG5_aMC + PY8 (≤1j NLO QCD + PS)
GENEVA + PY8 (NNLO QCD + PS)
MATRIX (NNLO QCD)
MCFM (NNLO QCD)
MCFM (NNLO QCD + NLO EW)
$1/\sigma\ \Delta\sigma/\Delta(\Delta R(l,\gamma))$
$(\sigma-\sigma_{MG5})/\sigma_{MG5}$
$\Delta R(l,\gamma)$
0.8
0.6
0.4
0.2
0
0.2
0
−0.2
1
1.5
2
2.5
3
3.5
4
4.5
5