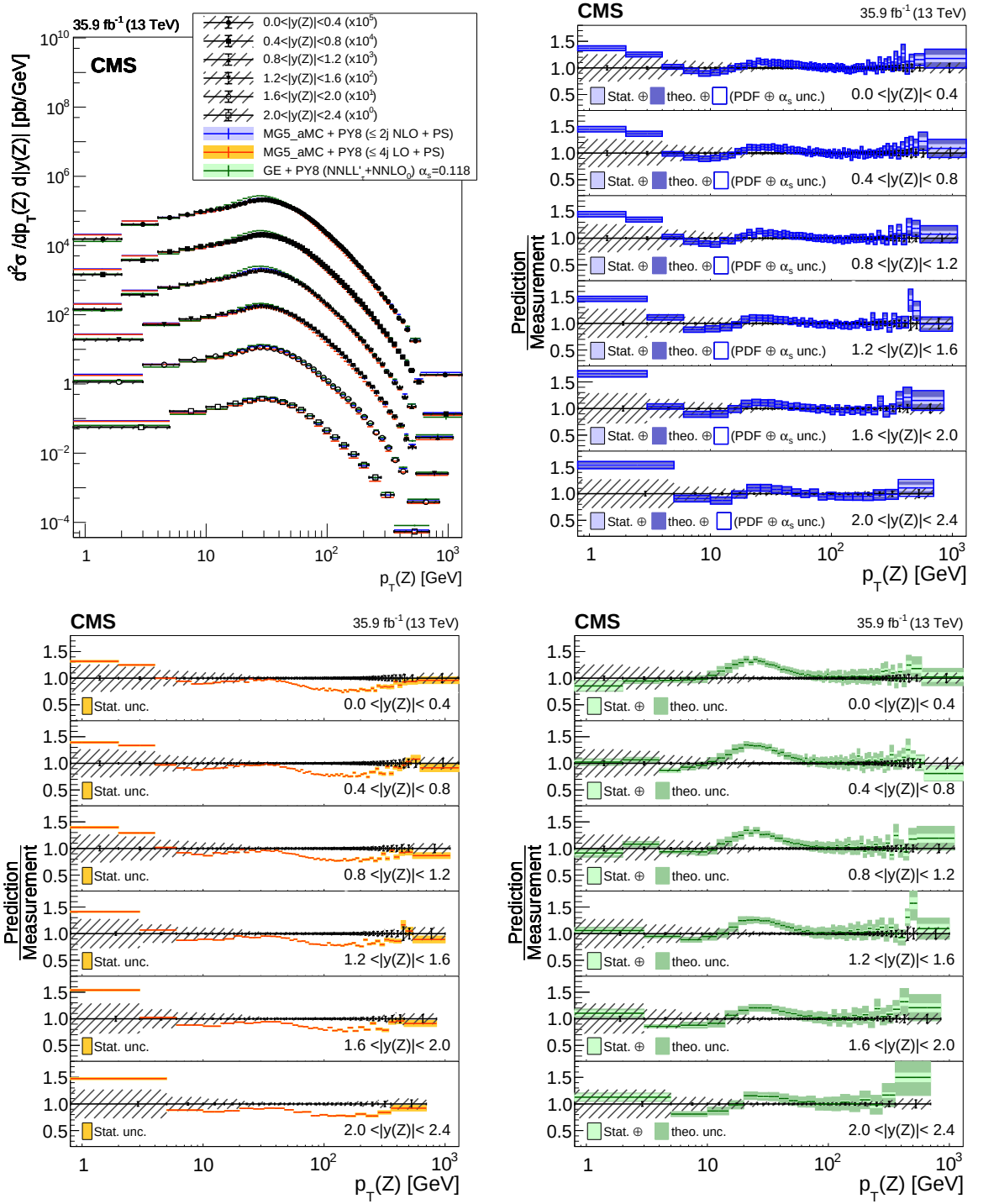
CMS
35.9 fb-1 (13 TeV)
0.0<|y(Z)|<0.4 (x10^5)
0.4<|y(Z)|<0.8 (x10^4)
0.8<|y(Z)|<1.2 (x10^3)
1.2<|y(Z)|<1.6 (x10^2)
1.6<|y(Z)|<2.0 (x10^1)
2.0<|y(Z)|<2.4 (x10^0)
MG5_aMC + PY8 (≤ 2j NLO + PS)
MG5_aMC + PY8 (≤ 4j LO + PS)
GE + PY8 (NNLL'T+NNLO0) αs=0.118
d2σ /dpT(Z) d|y(Z)| [pb/GeV]
pT(Z) [GeV]
Prediction / Measurement
Stat. ⊕ theo. ⊕ (PDF ⊕ αs unc.)
0.0 <|y(Z)|< 0.4
0.4 <|y(Z)|< 0.8
0.8 <|y(Z)|< 1.2
1.2 <|y(Z)|< 1.6
1.6 <|y(Z)|< 2.0
2.0 <|y(Z)|< 2.4
Stat. unc.
Stat. ⊕ theo. unc.