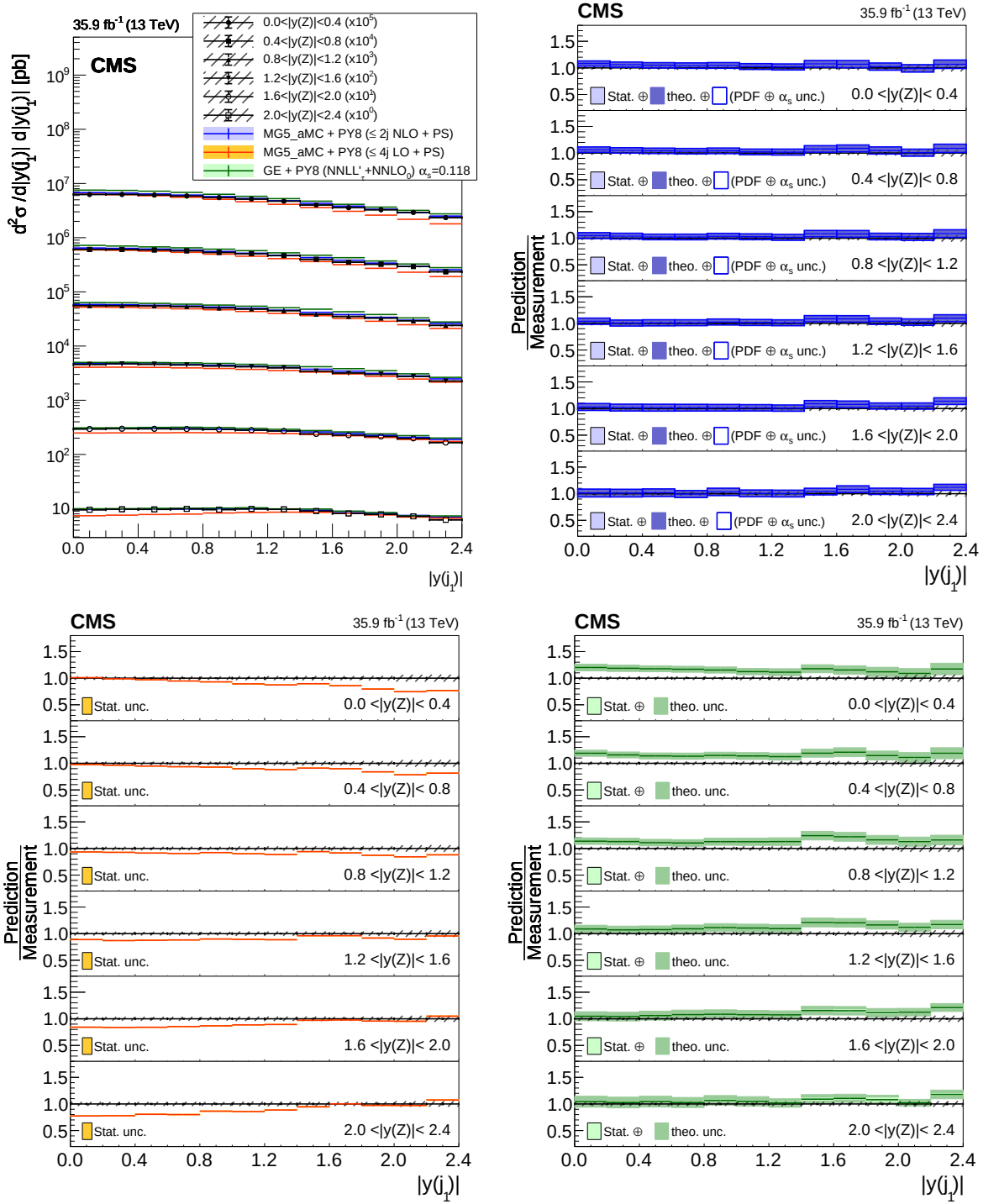
CMS
35.9 fb^{-1} (13 TeV)
0.0<|y(Z)|<0.4 (x10^5)
0.4<|y(Z)|<0.8 (x10^4)
0.8<|y(Z)|<1.2 (x10^3)
1.2<|y(Z)|<1.6 (x10^2)
1.6<|y(Z)|<2.0 (x10^1)
2.0<|y(Z)|<2.4 (x10^0)
MG5_aMC + PY8 (≤ 2j NLO + PS)
MG5_aMC + PY8 (≤ 4j LO + PS)
GE + PY8 (NNLL'$_\tau$+NNLO$_0$) α_s=0.118
$d^2\sigma/d|y(j_1)|\,d|y(j_1)|$ [pb]
$|y(j_1)|$
Prediction / Measurement
Stat. ⊕ theo. ⊕ (PDF ⊕ α_s unc.)
Stat. ⊕ theo. unc.
Stat. 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