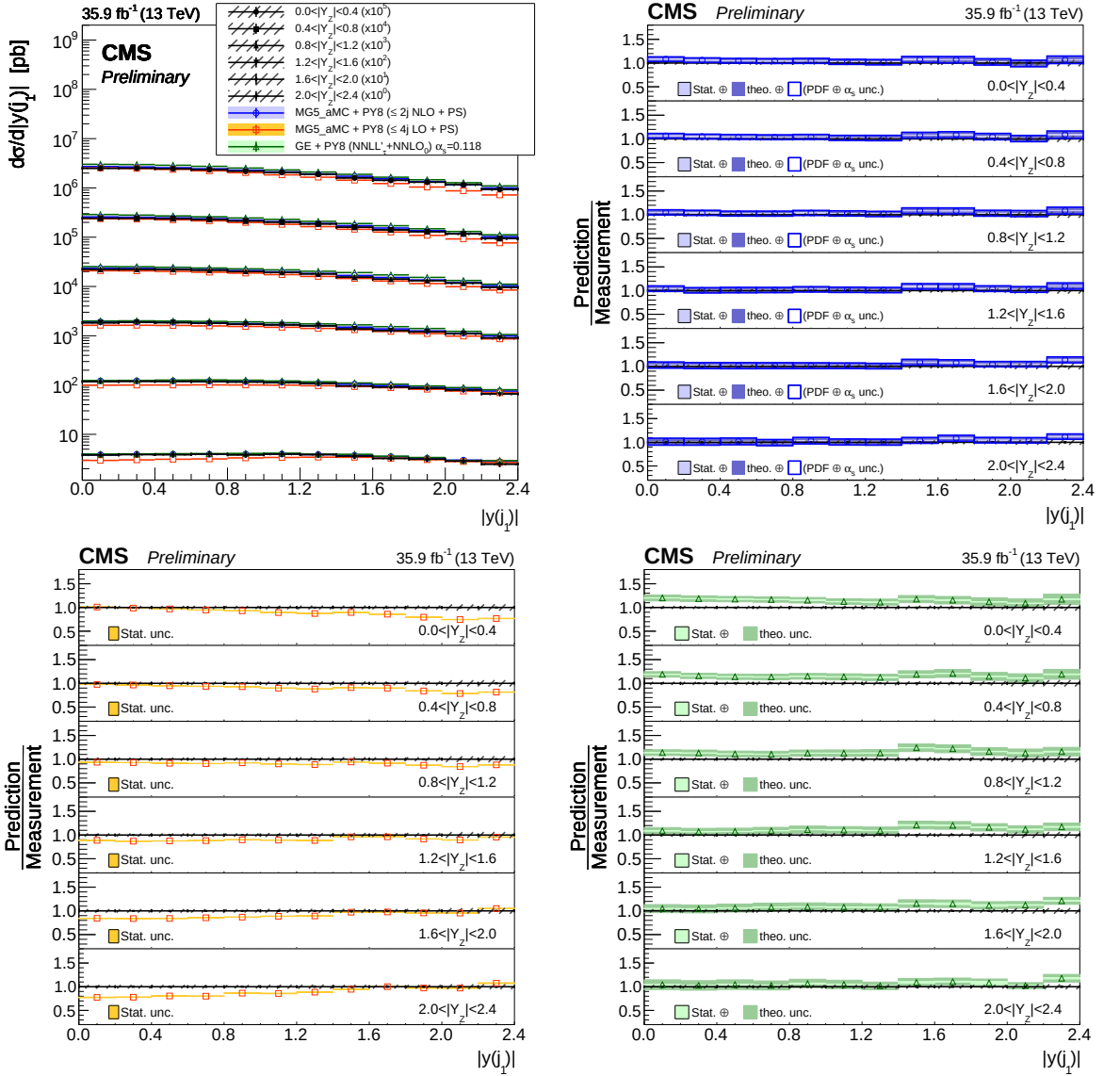
35.9 fb^{-1} (13 TeV)
CMS
Preliminary
0.0<|Y$_Z$|<0.4 (x10^5)
0.4<|Y$_Z$|<0.8 (x10^4)
0.8<|Y$_Z$|<1.2 (x10^3)
1.2<|Y$_Z$|<1.6 (x10^2)
1.6<|Y$_Z$|<2.0 (x10^1)
2.0<|Y$_Z$|<2.4 (x10^0)
MG5_aMC + PY8 (≤ 2j NLO + PS)
MG5_aMC + PY8 (≤ 4j LO + PS)
GE + PY8 (NNLL'$_t$+NNLO$_0$) α_s=0.118
dσ/d|y(j$_1$)| [pb]
|y(j$_1$)|
Prediction / Measurement
Stat. ⊕ theo. ⊕ (PDF ⊕ α_s unc.)
Stat. unc.
Stat. ⊕ theo. unc.