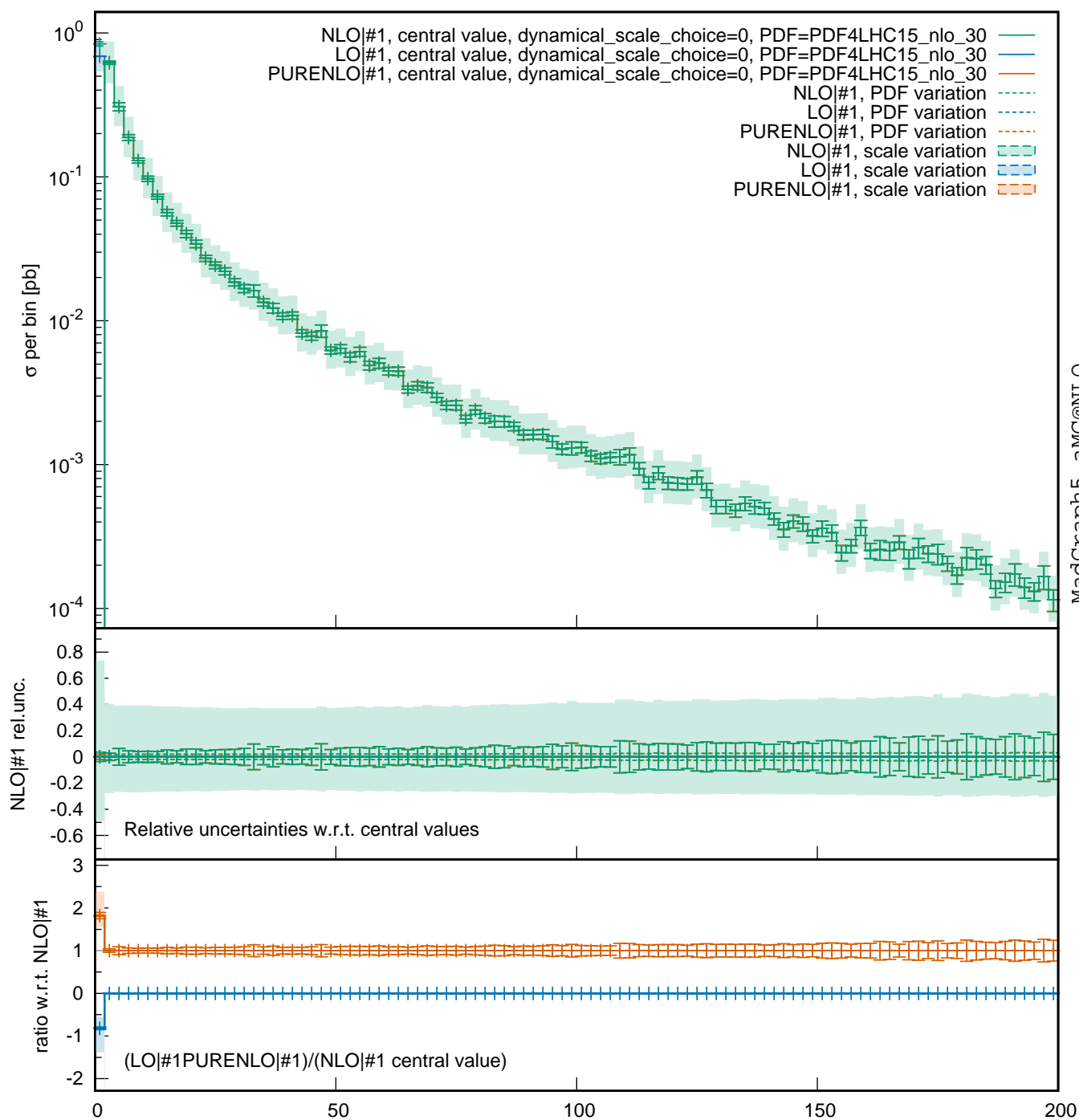
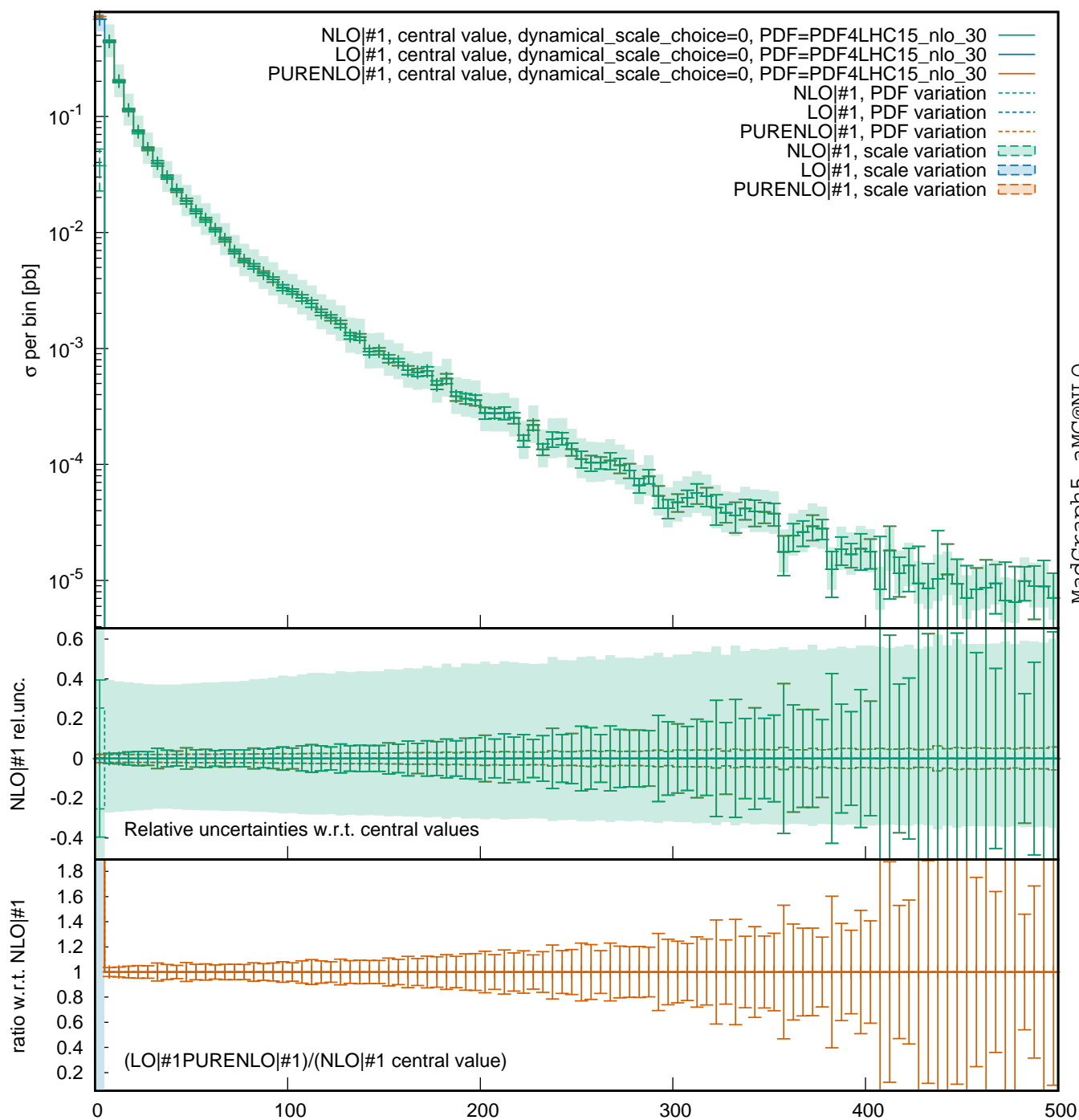


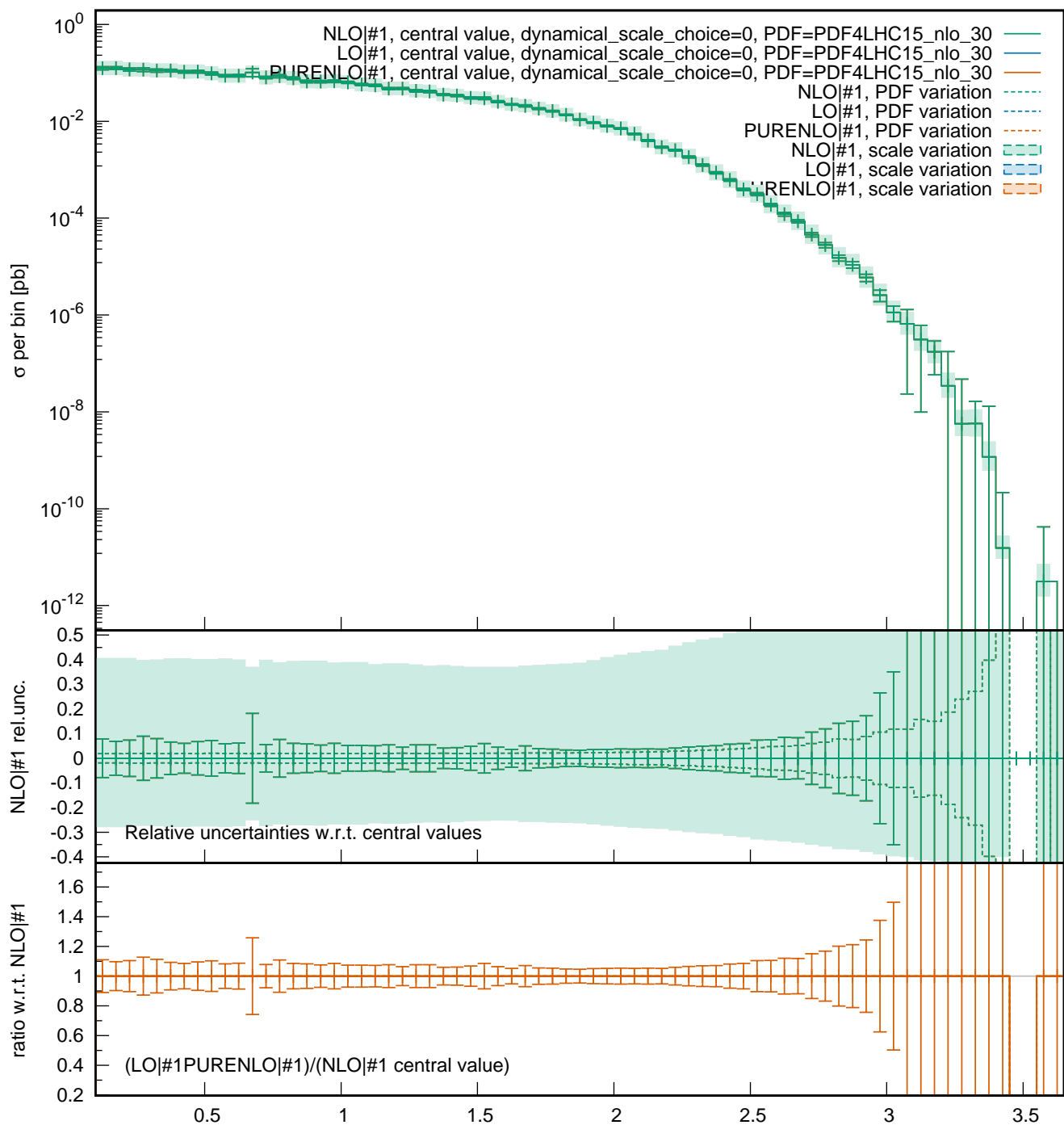
# Higgs pT



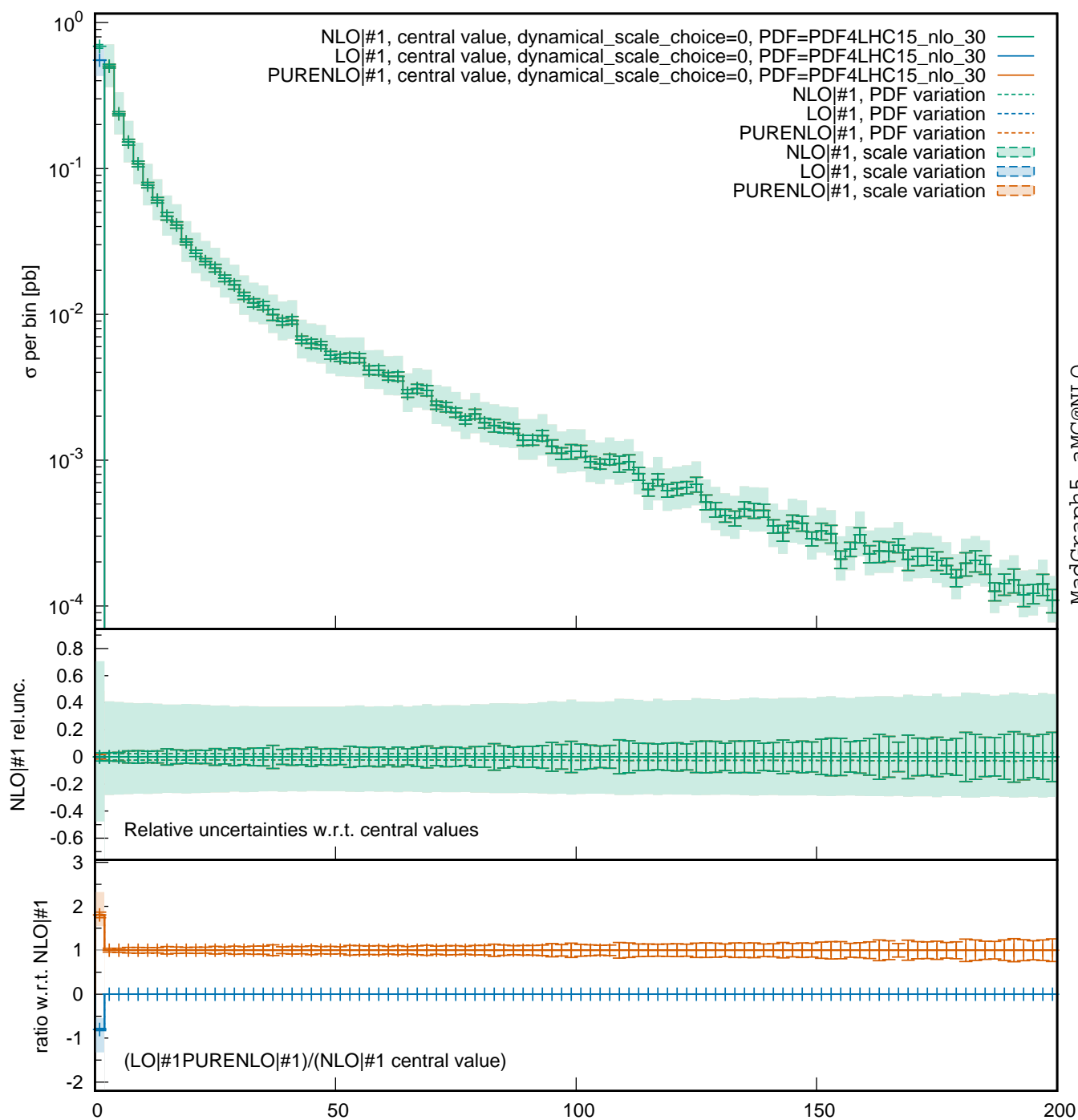
# Higgs pT



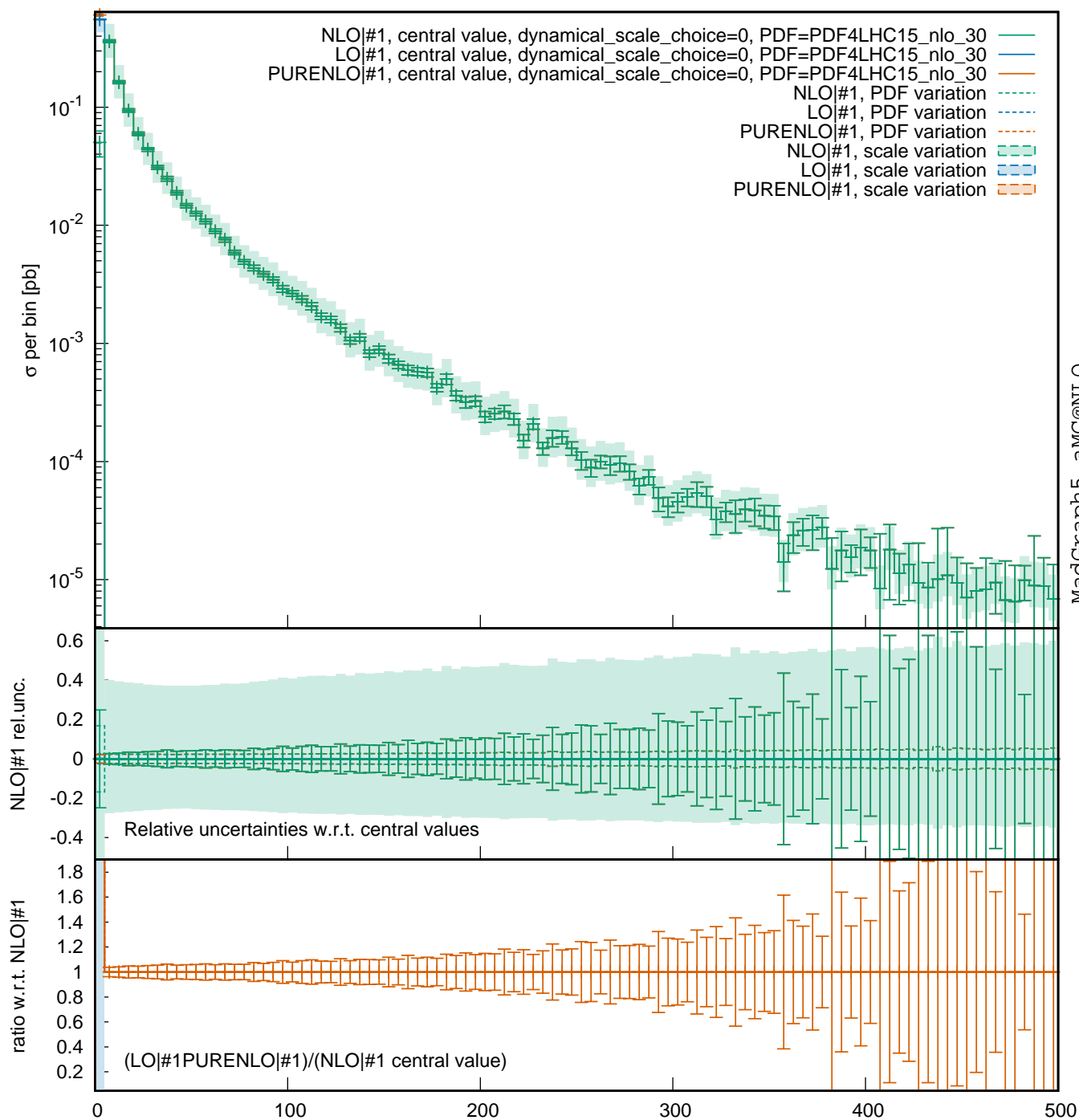
# Higgs log[pT]



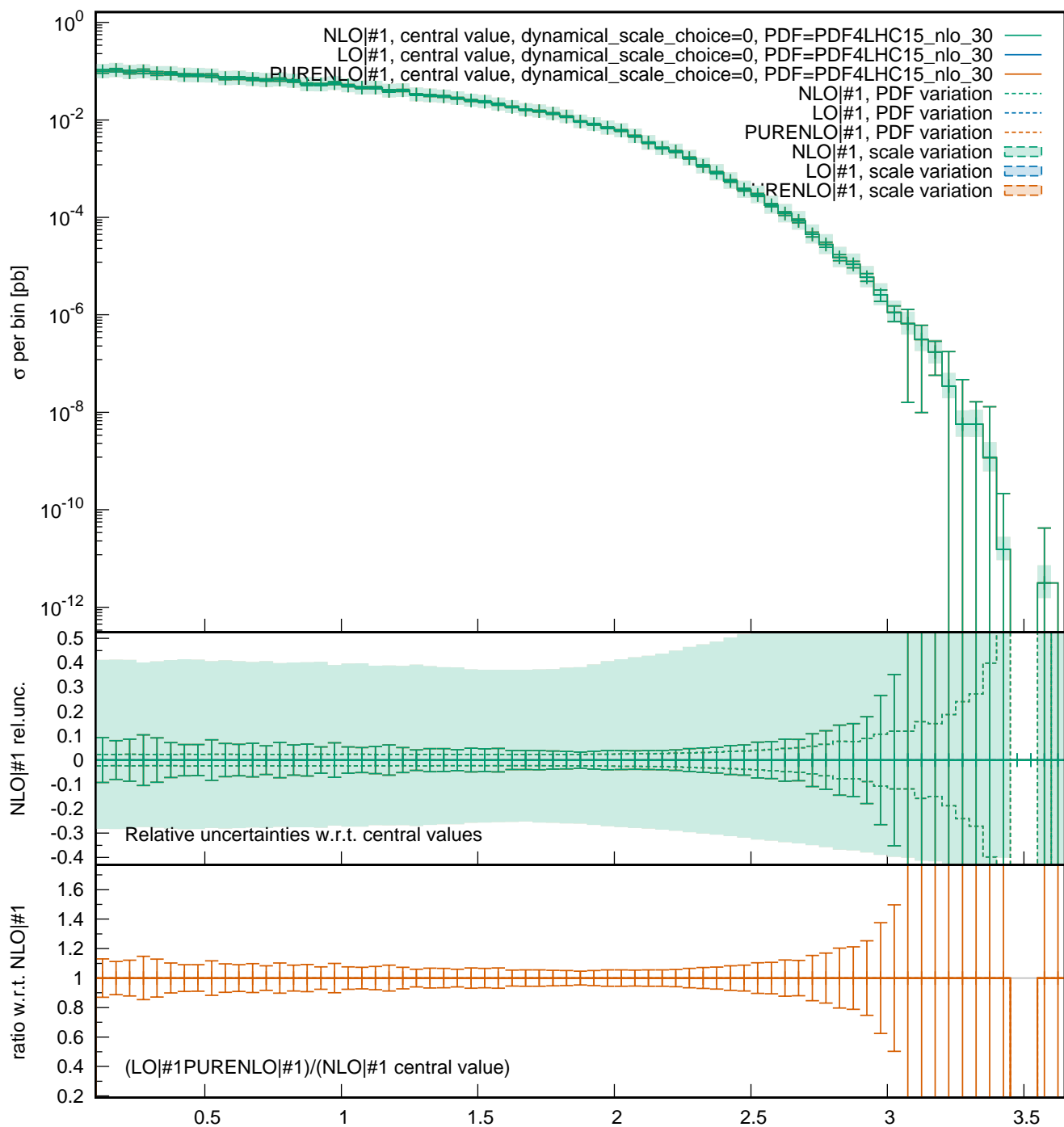
# Higgs pT,abs(y<sub>H</sub>)<2



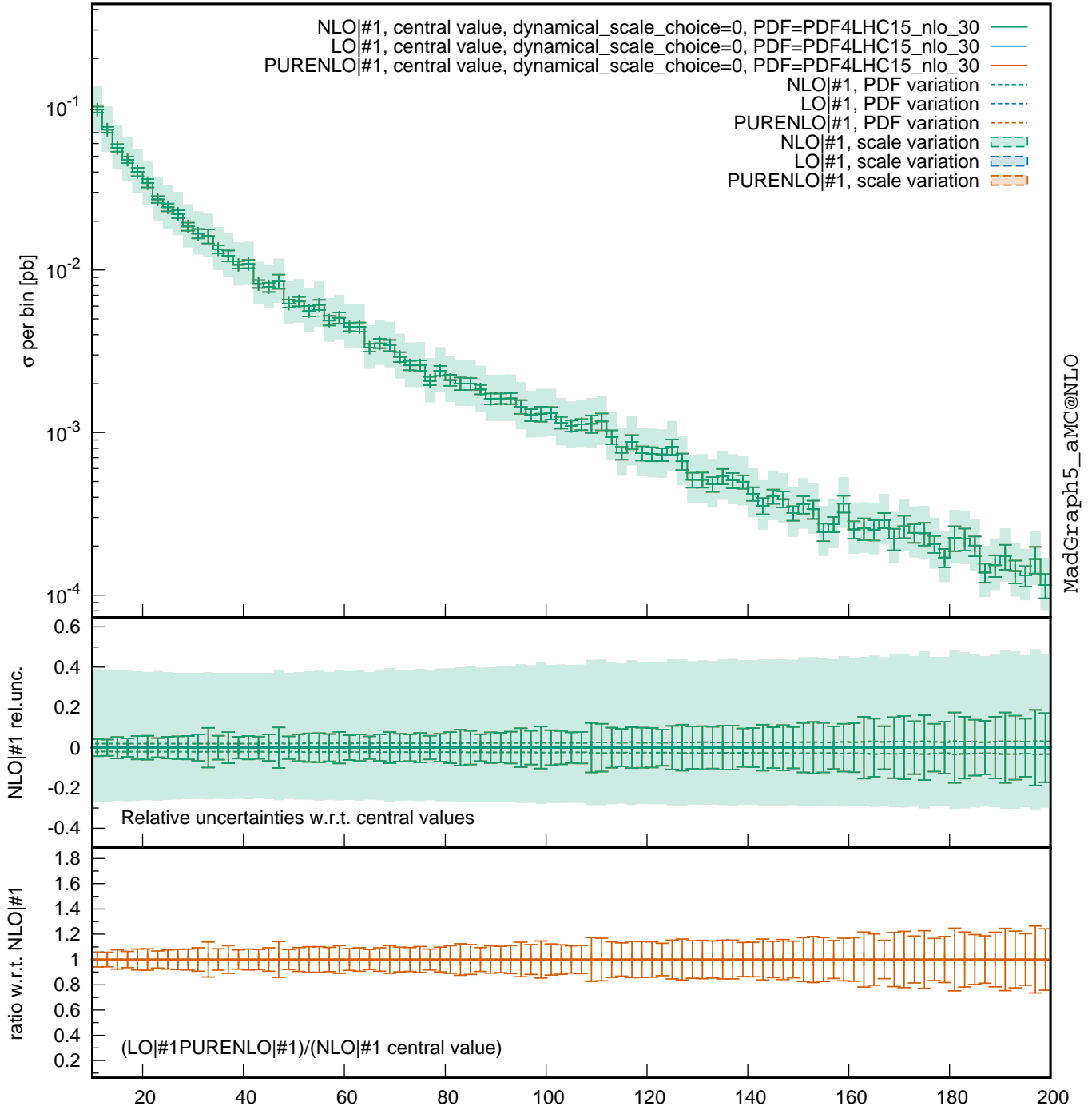
Higgs  $p_T, \text{abs}(y_H) < 2$



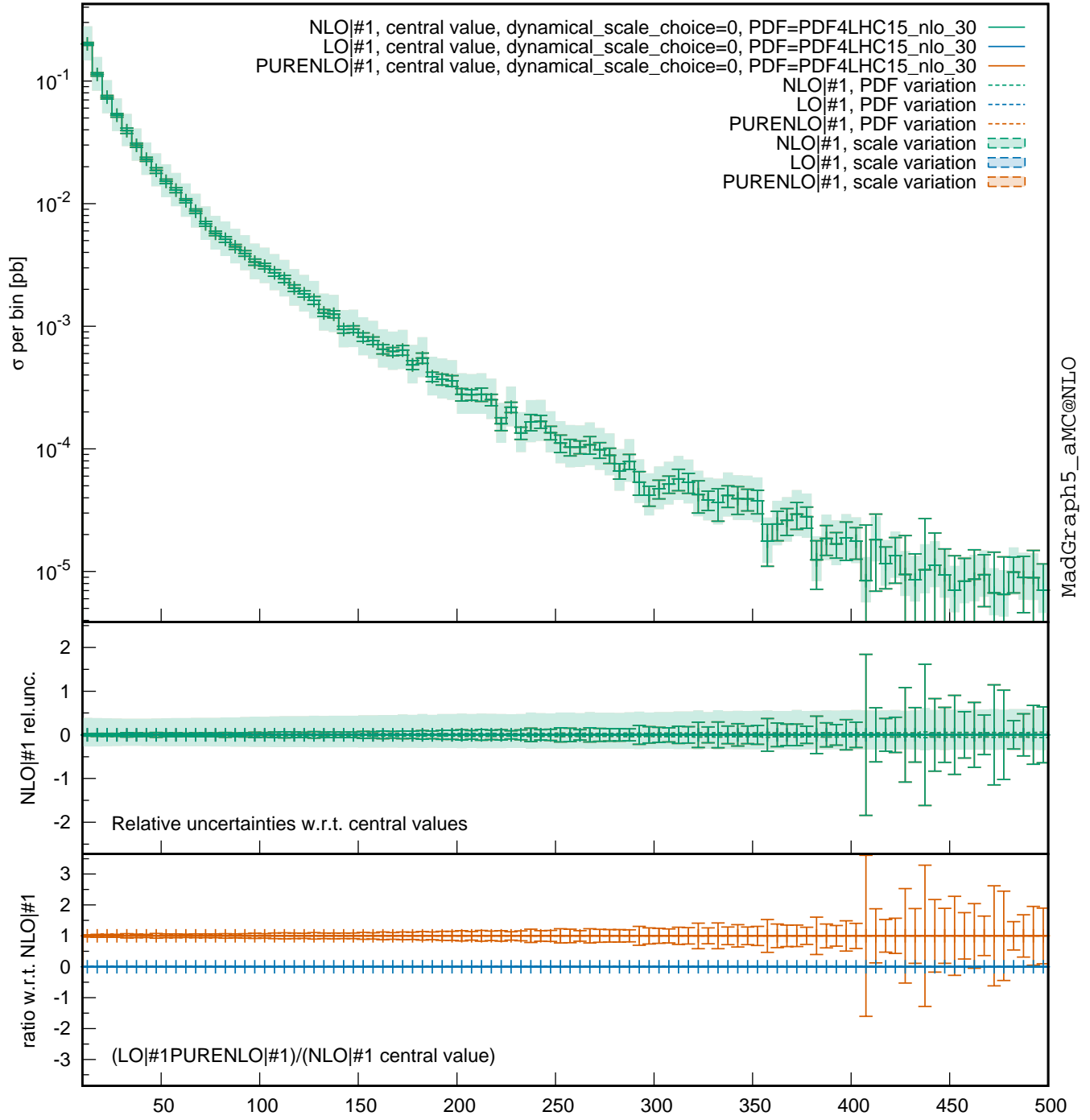
# Higgs $\log[p_T], \text{abs}(y_H) < 2$



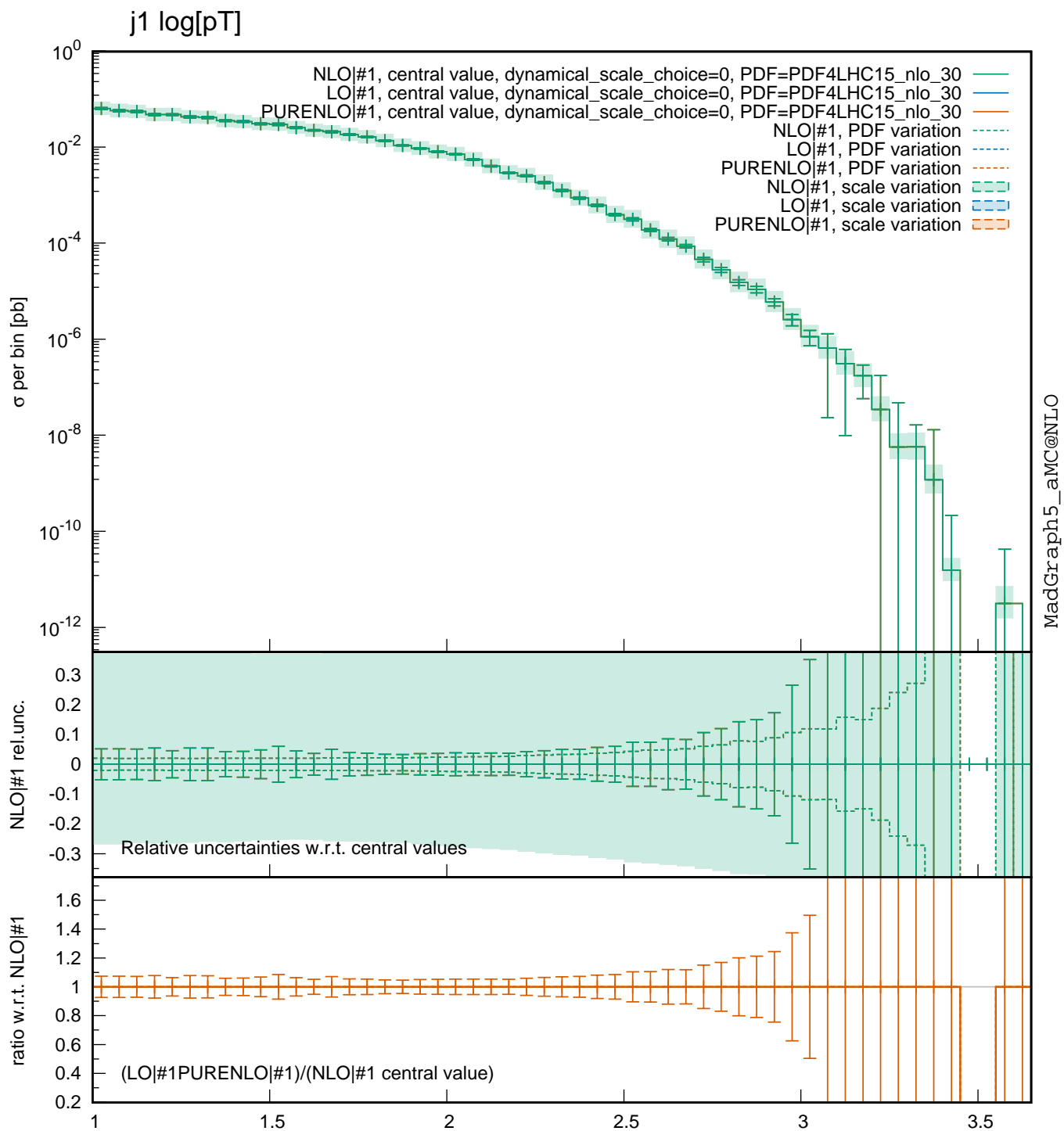
j1 pT



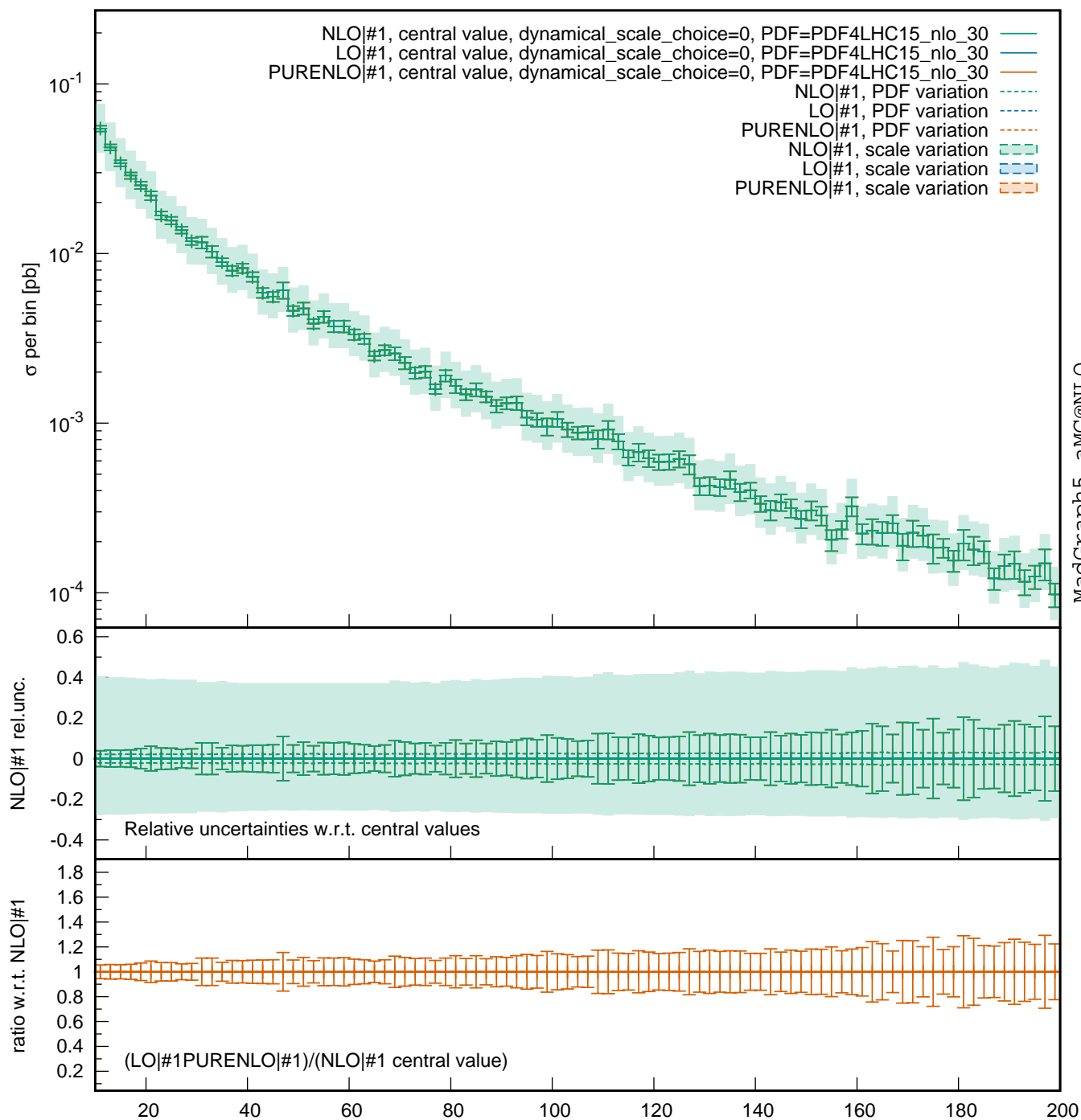
j1 pT



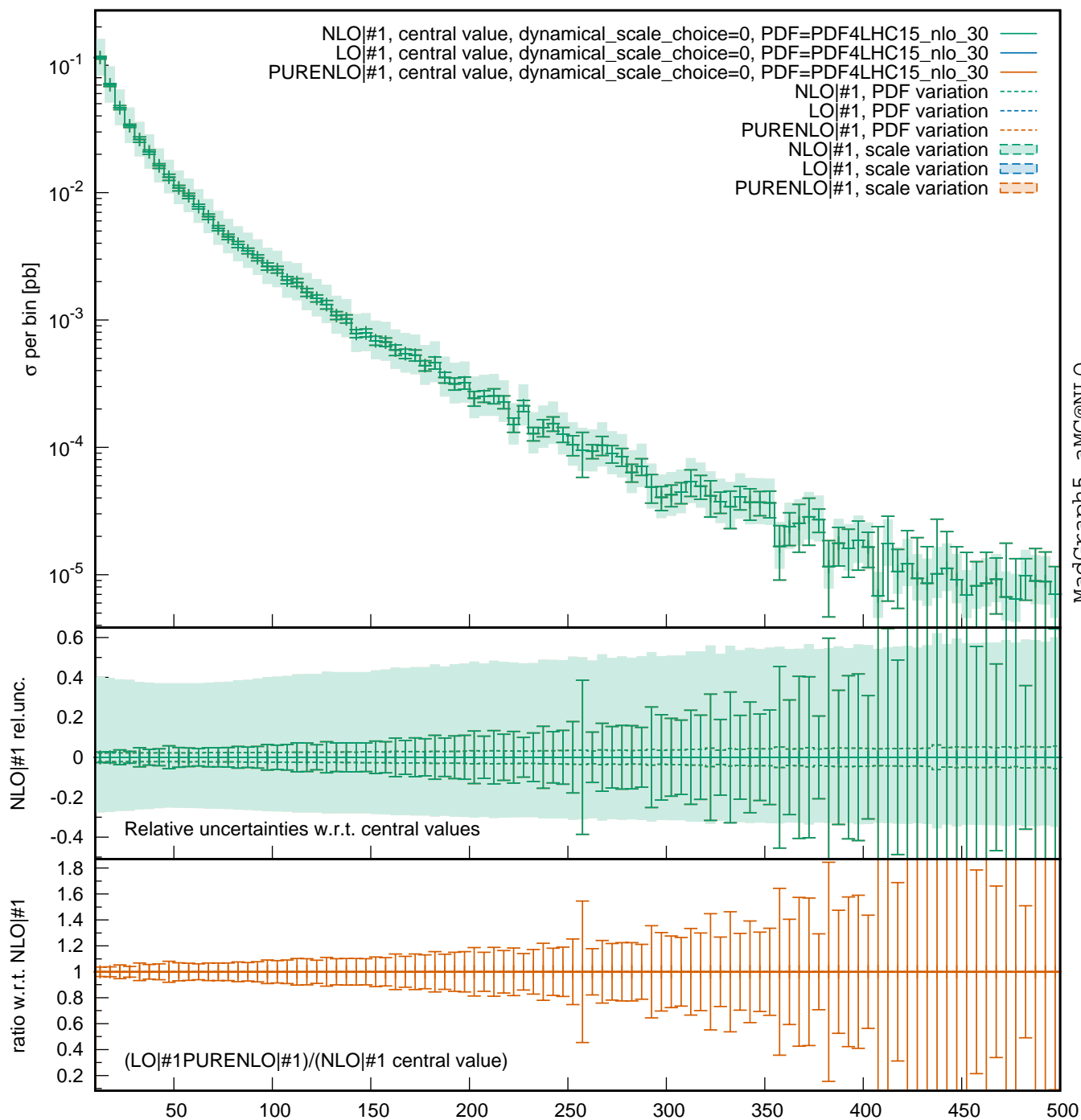




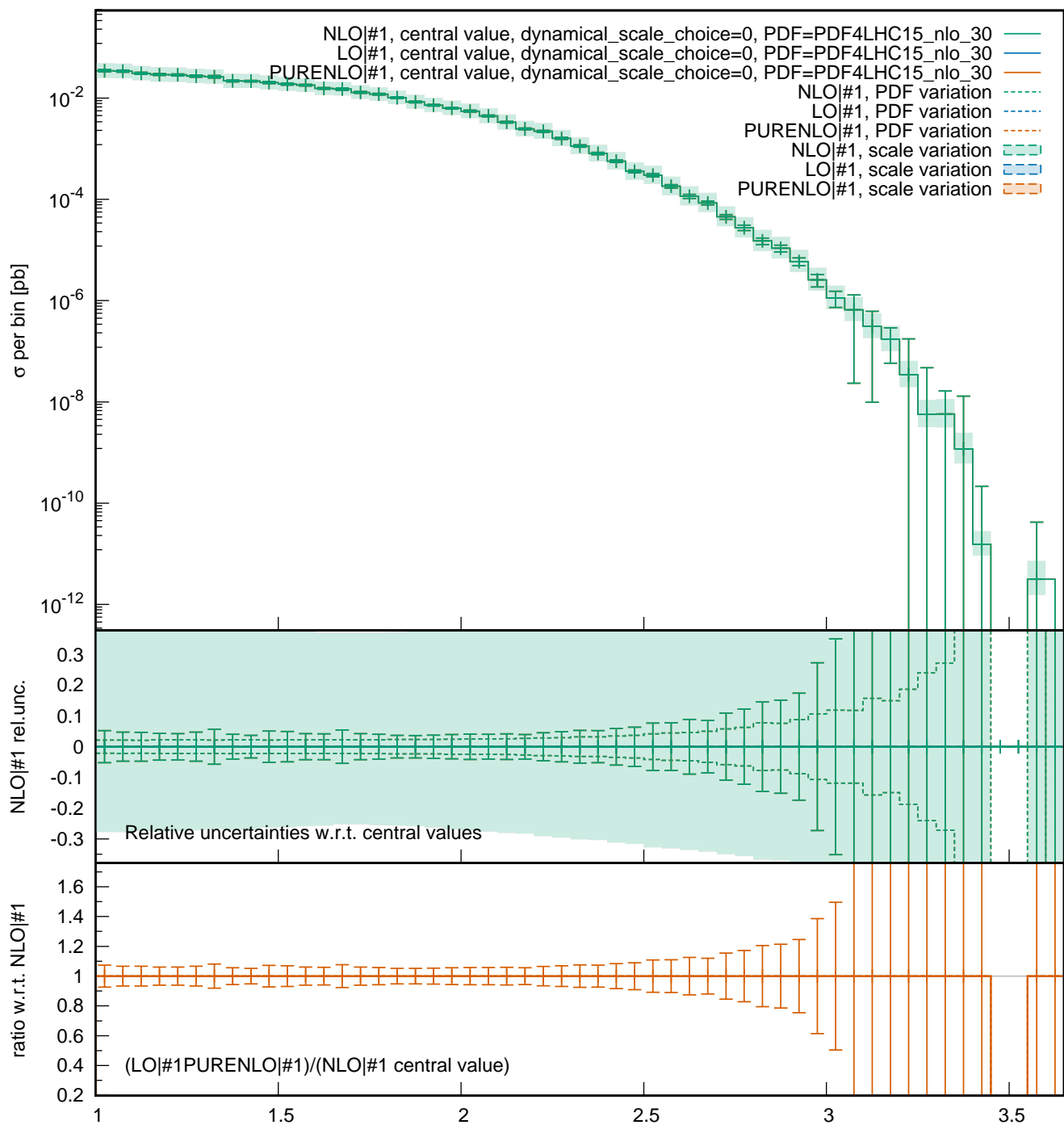
j1 pT,abs(y<sub>j1</sub>)<2



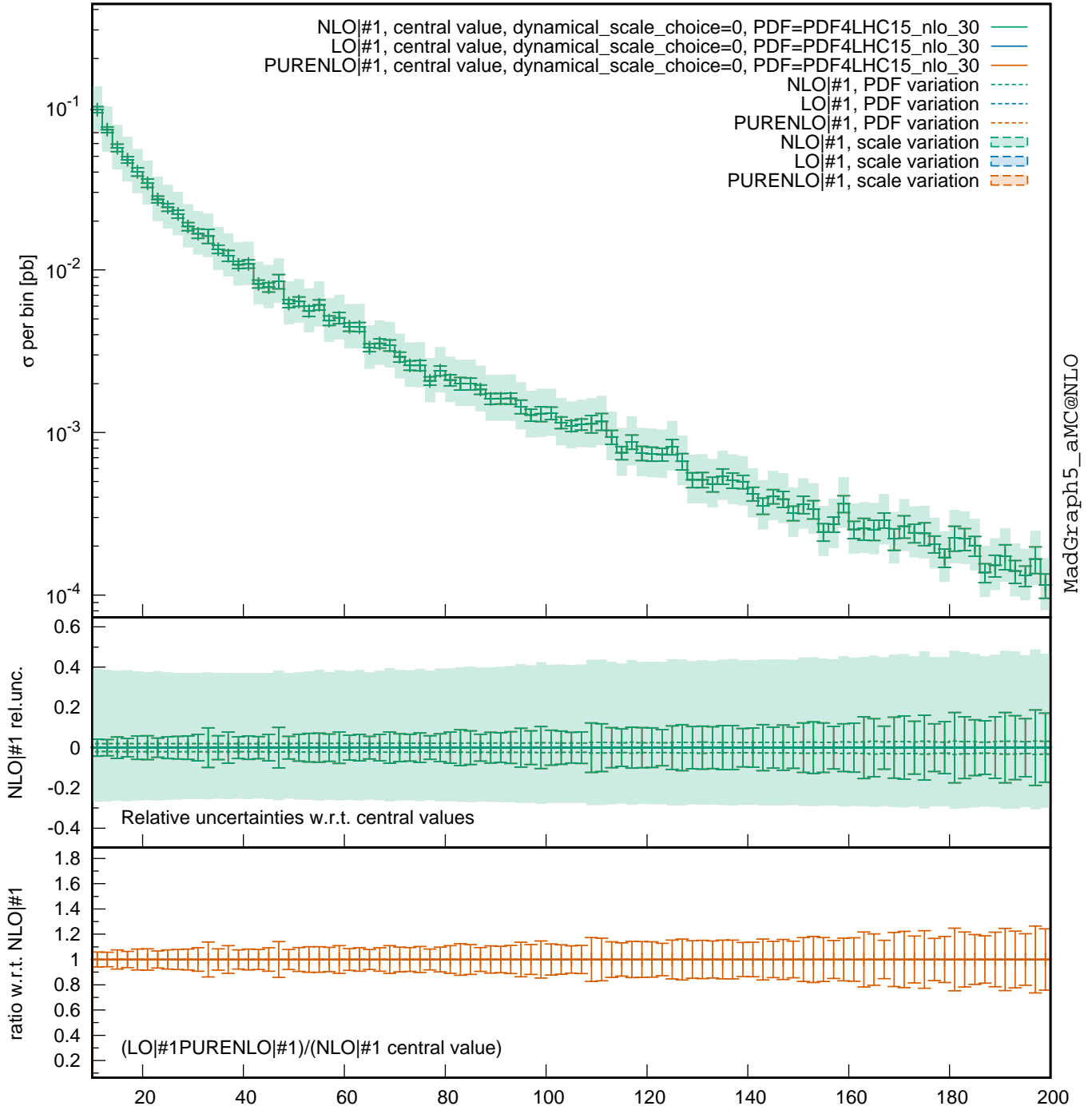
j1 pT,abs(y<sub>j1</sub>)<2



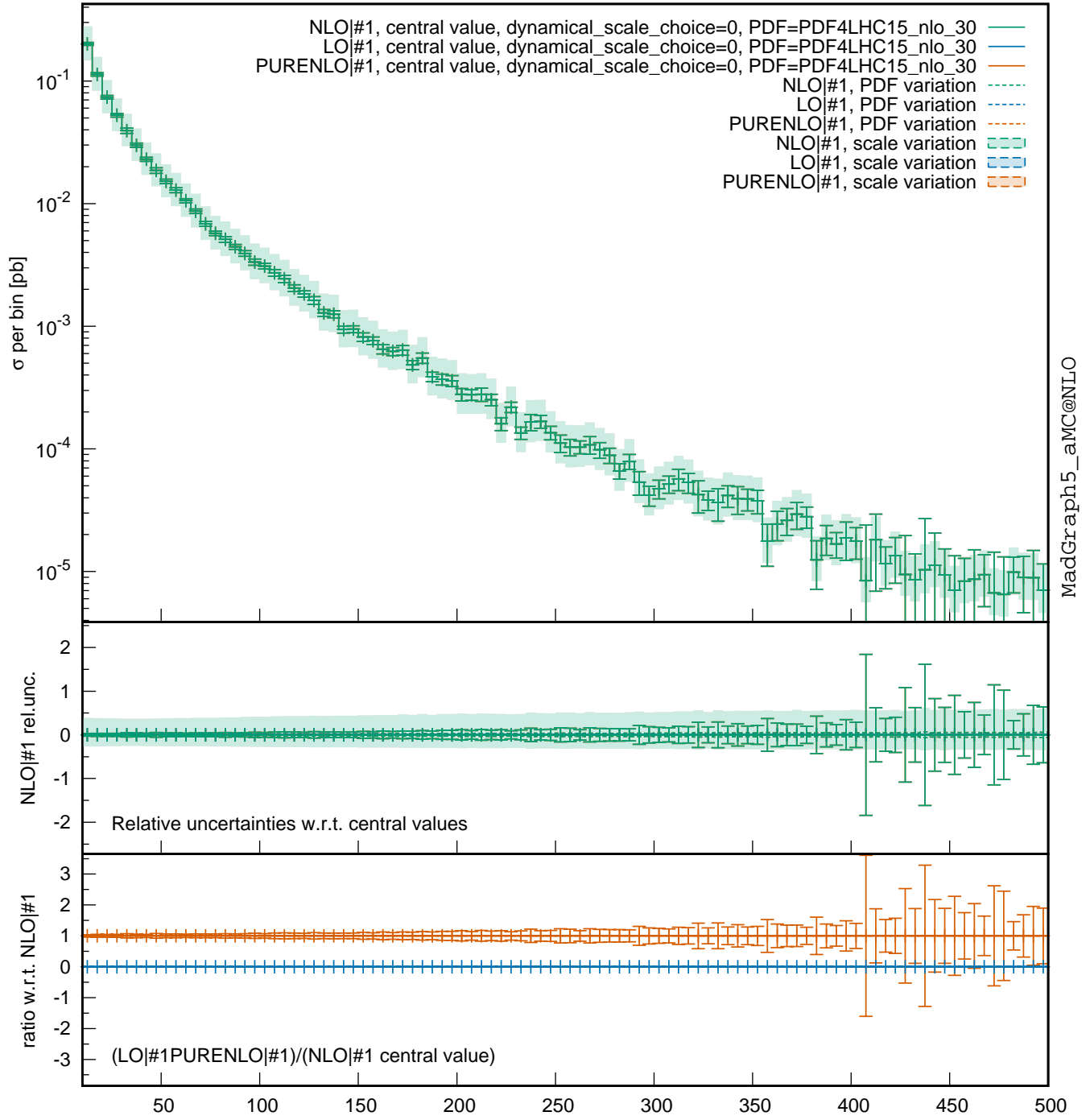
$j1 \log[pT], \text{abs}(y_{j1}) < 2$

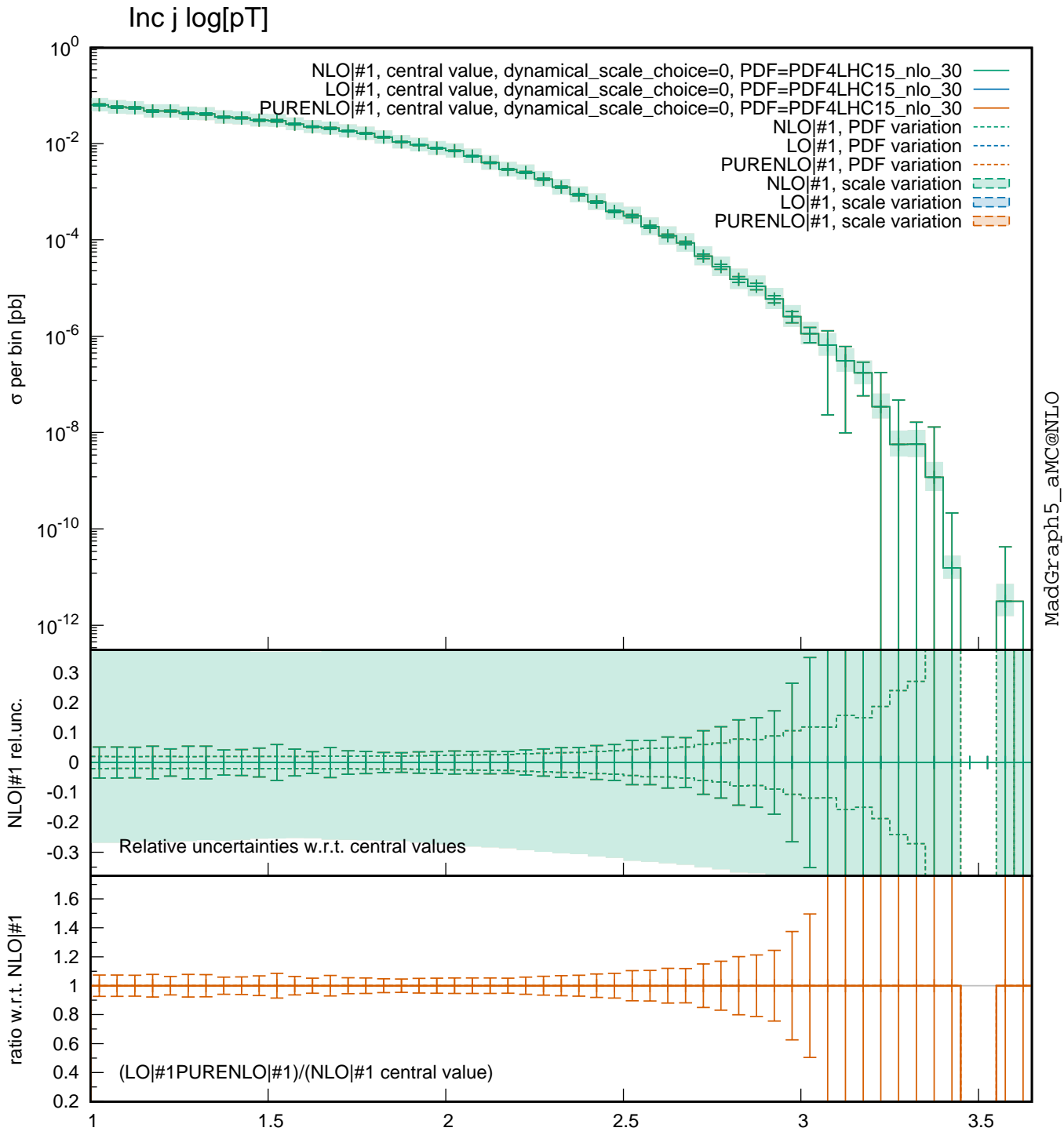


Inc j pT

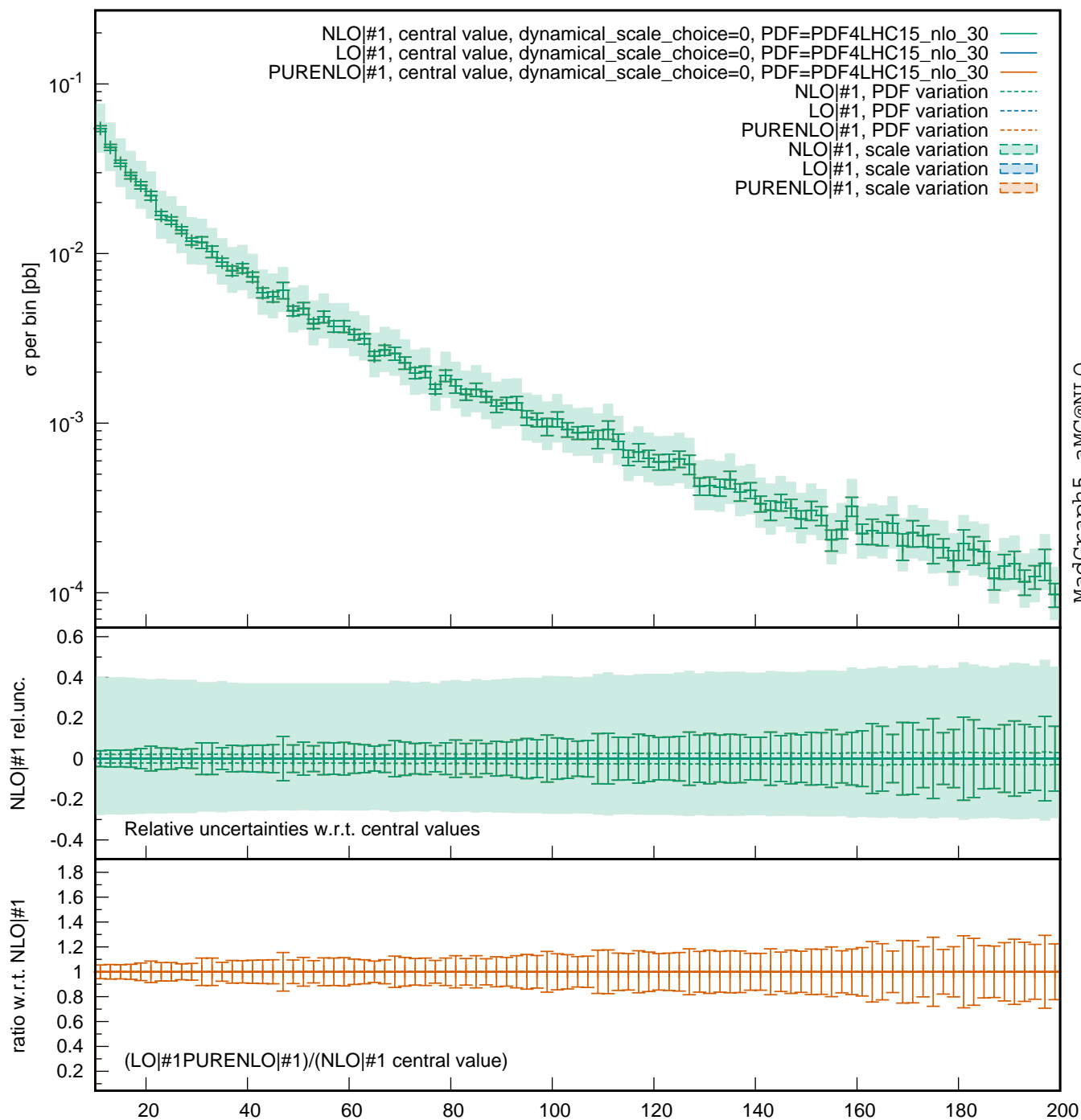


Inc j pT



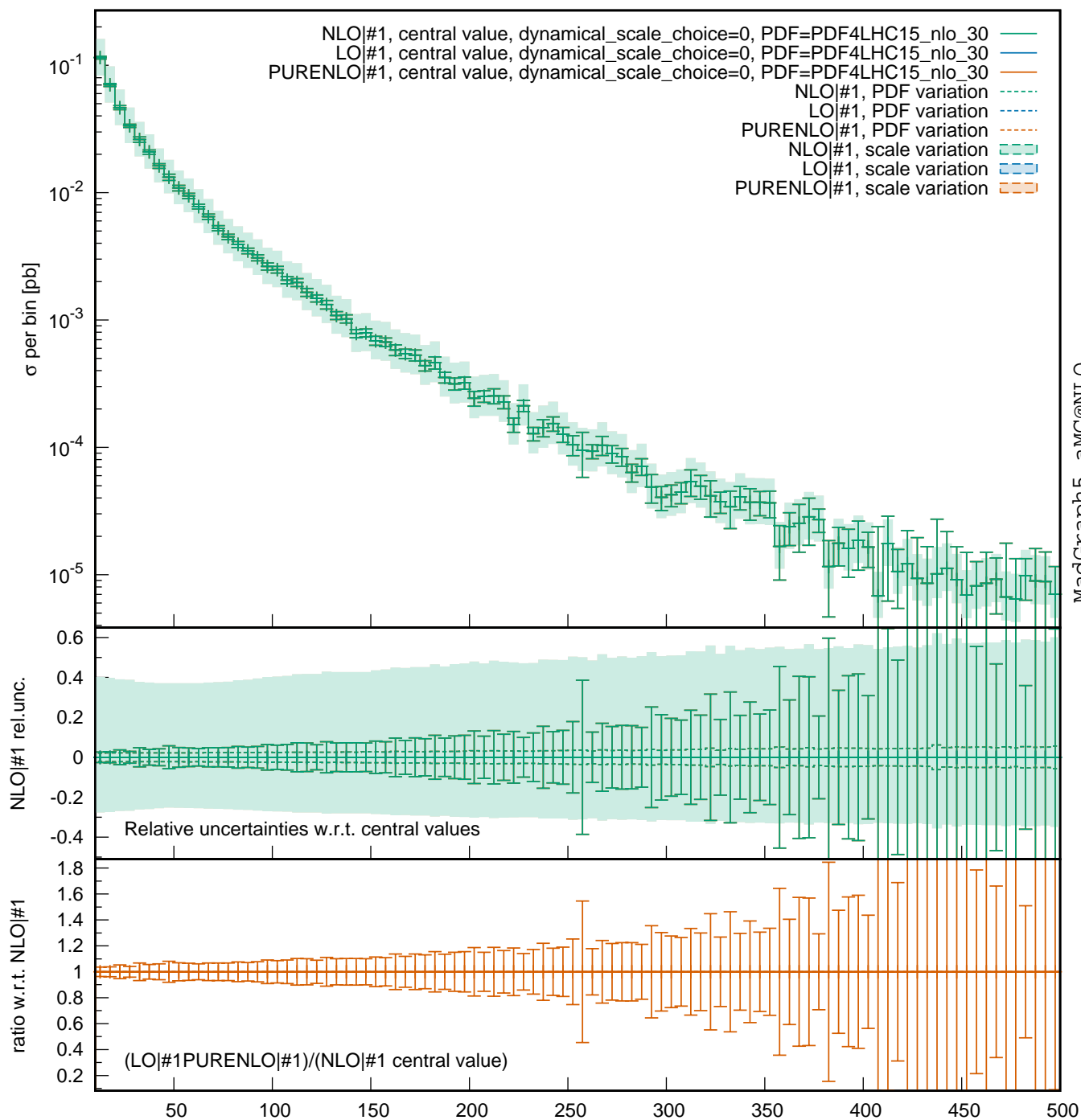


Inc j pT,abs(y<sub>lj</sub>)<2

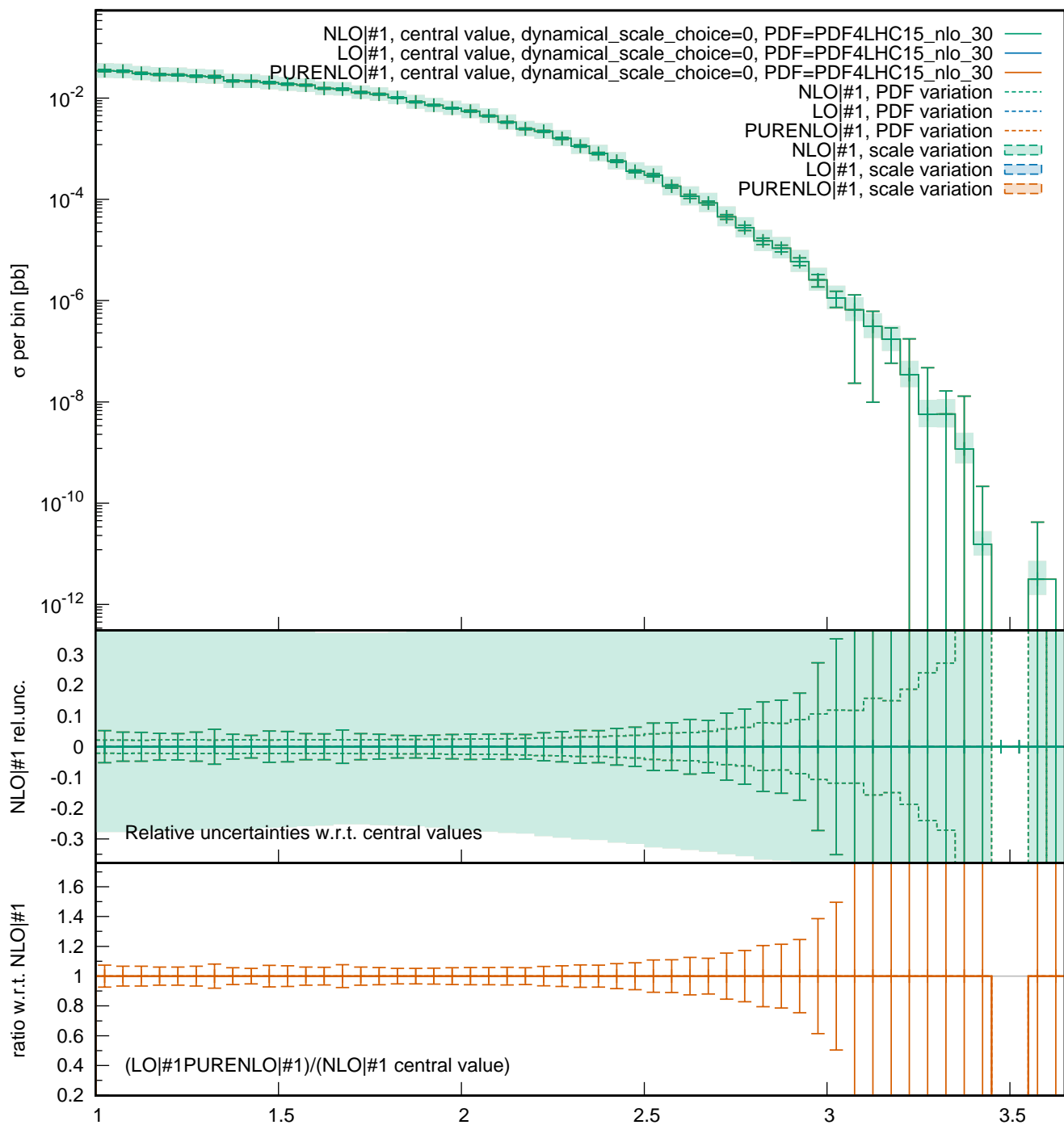




Inc j pT,abs(y<sub>lj</sub>)<2

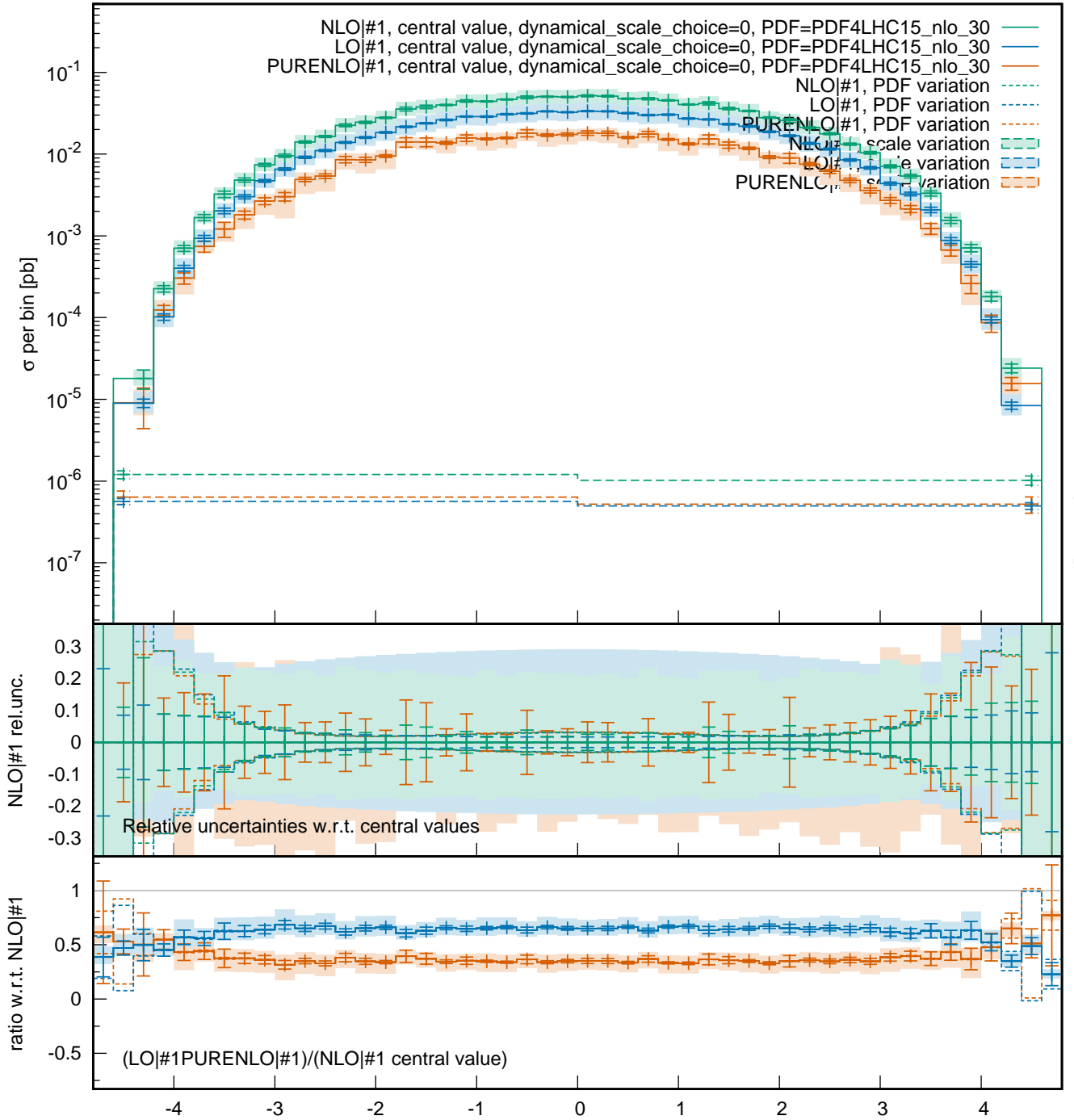


Inc j log[pT],abs(y<sub>lj</sub>)<2

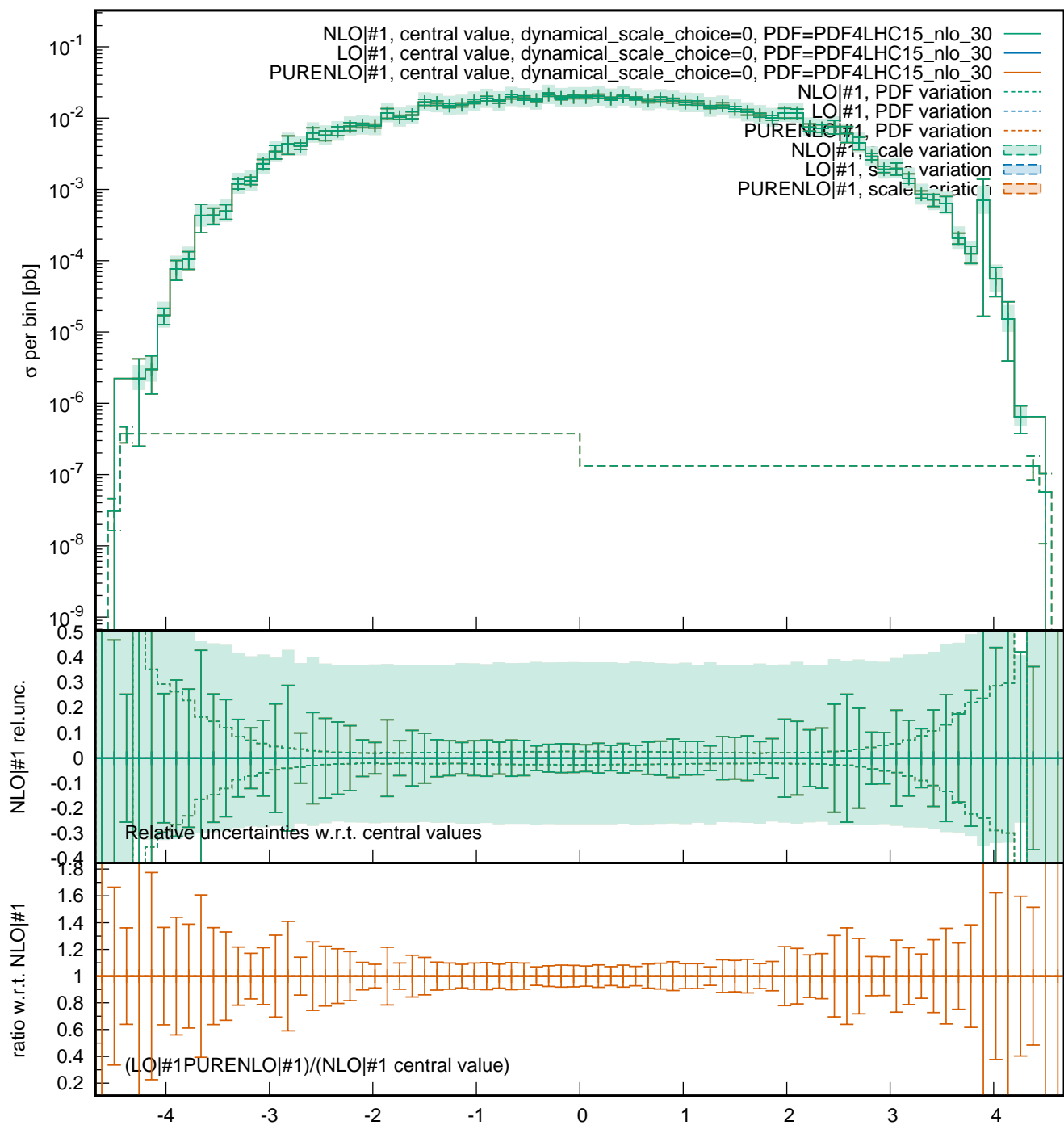


MadGraph5\_aMC@NLO

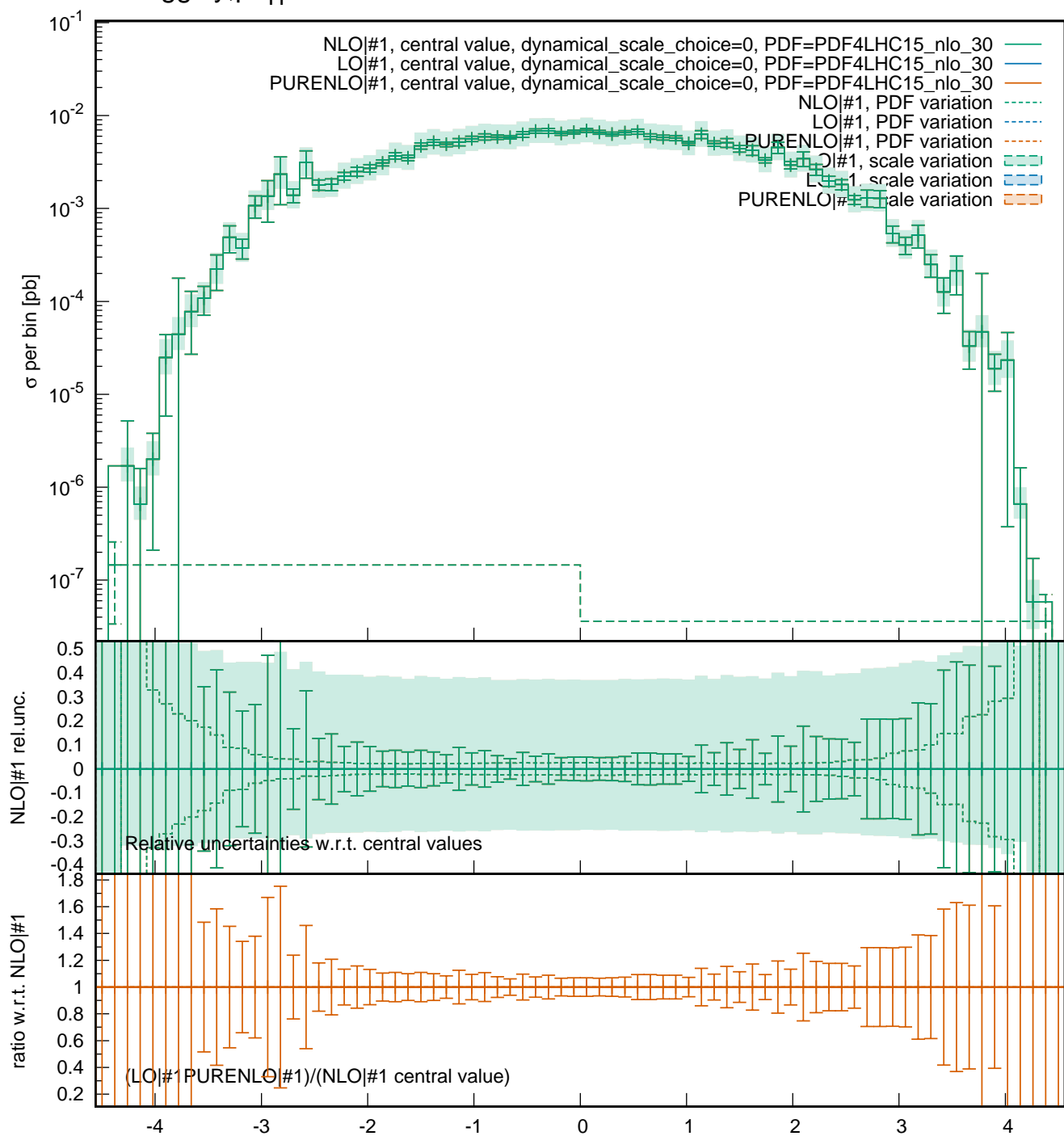
# Higgs $\gamma$



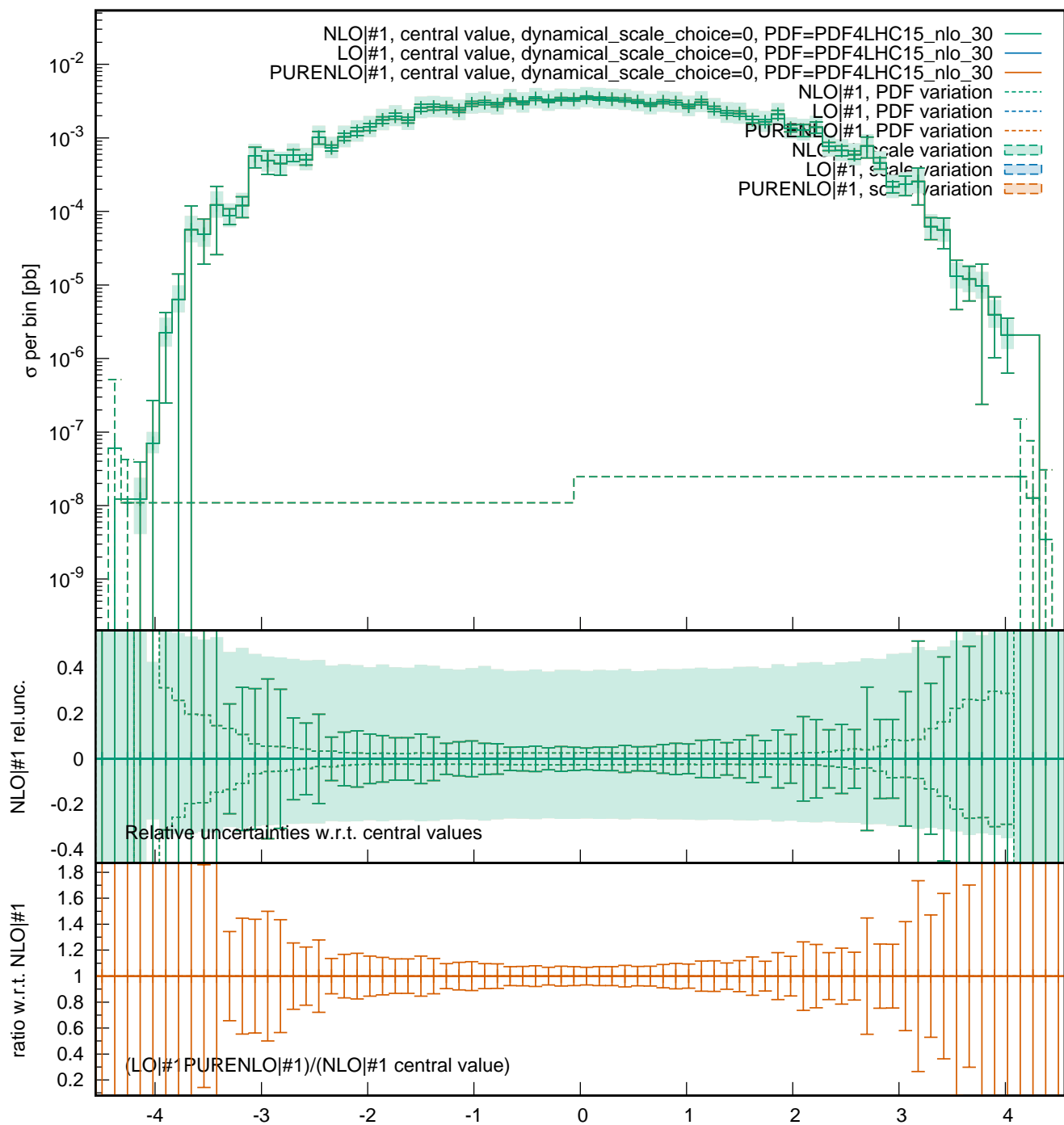
# Higgs $y, pT_H > 10\text{GeV}$



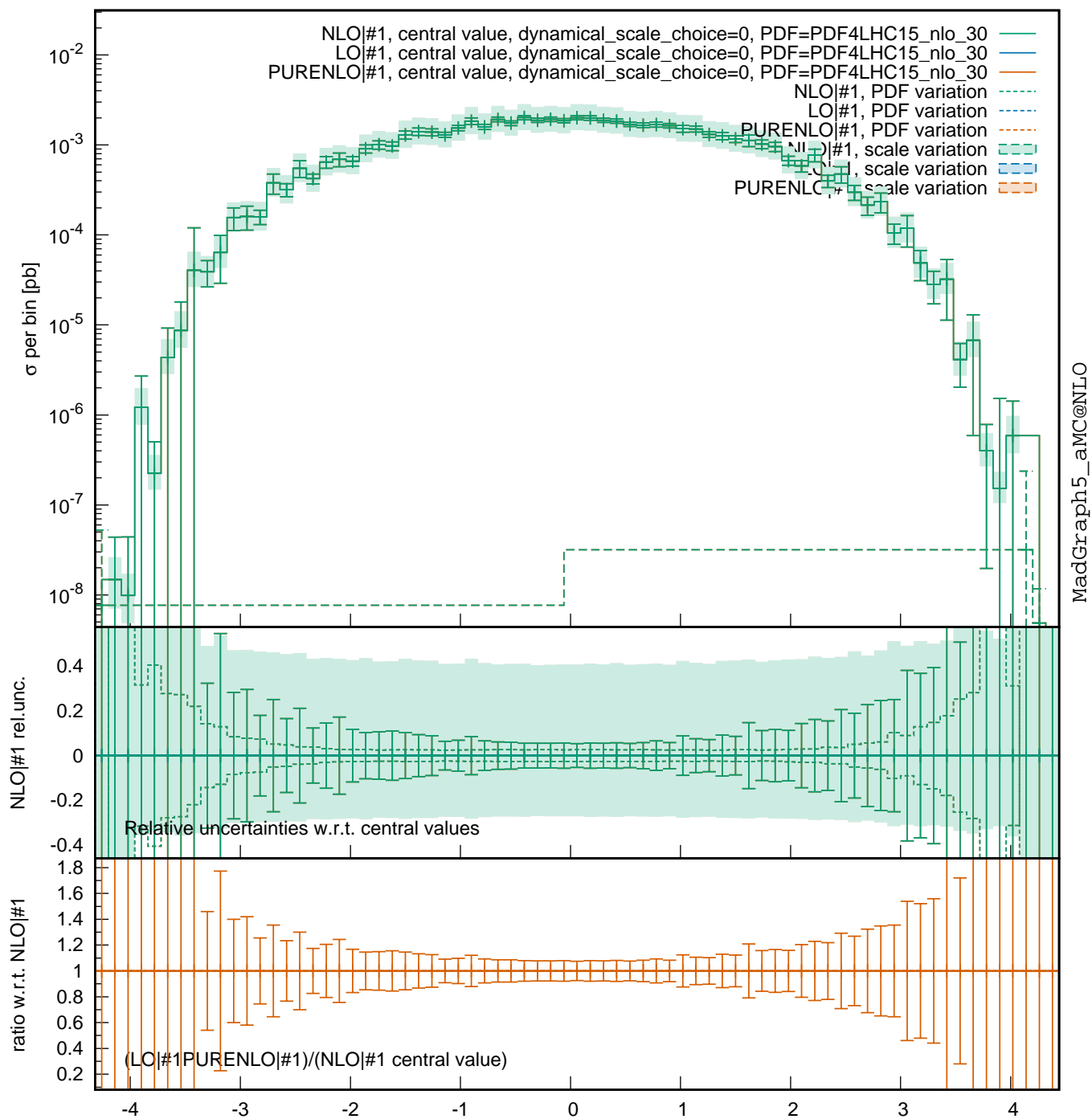
# Higgs $y, p_{T_H} > 30 \text{ GeV}$



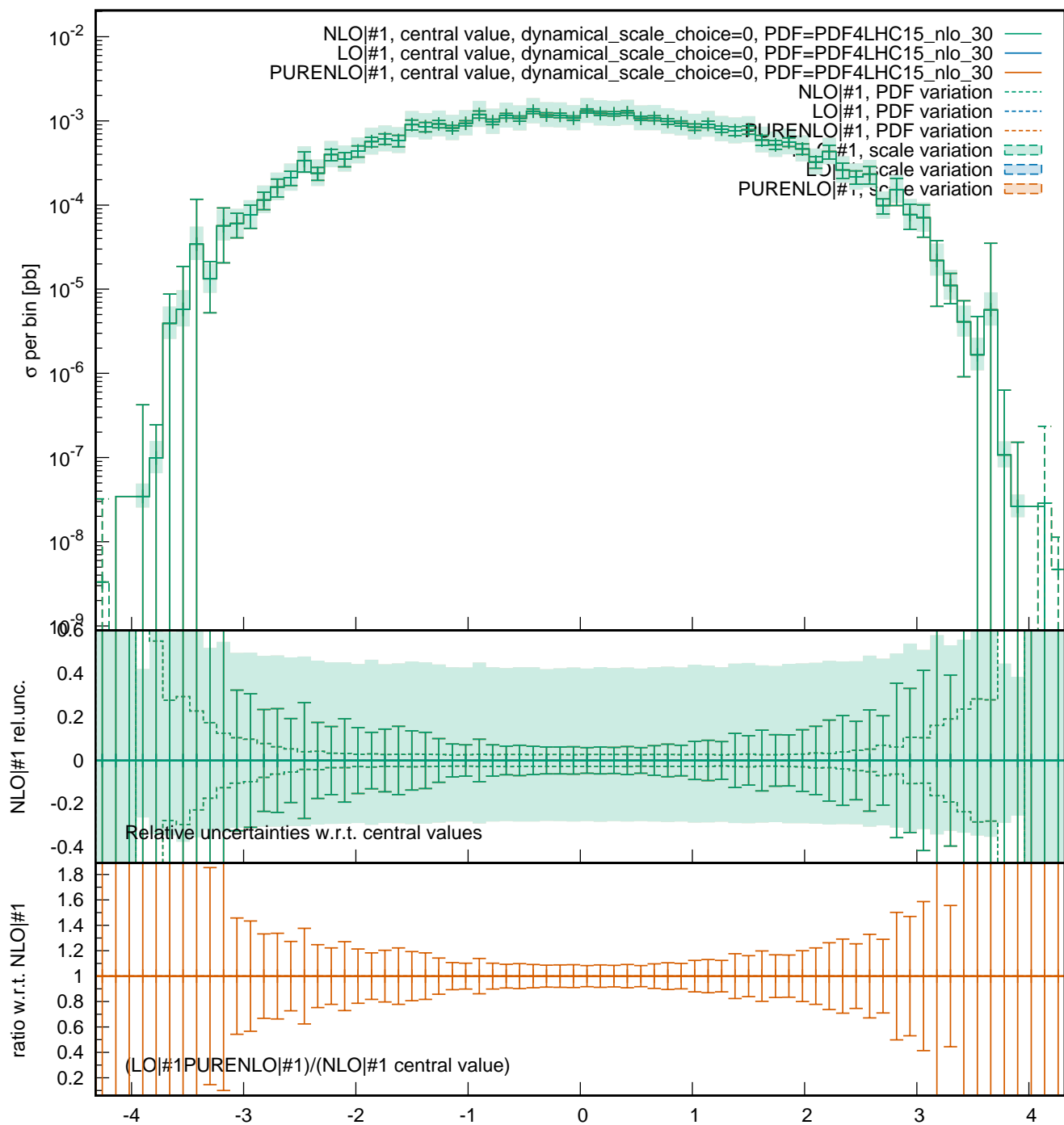
# Higgs $y, pT_H > 50\text{GeV}$



# Higgs $y, p_{T_H} > 70 \text{ GeV}$

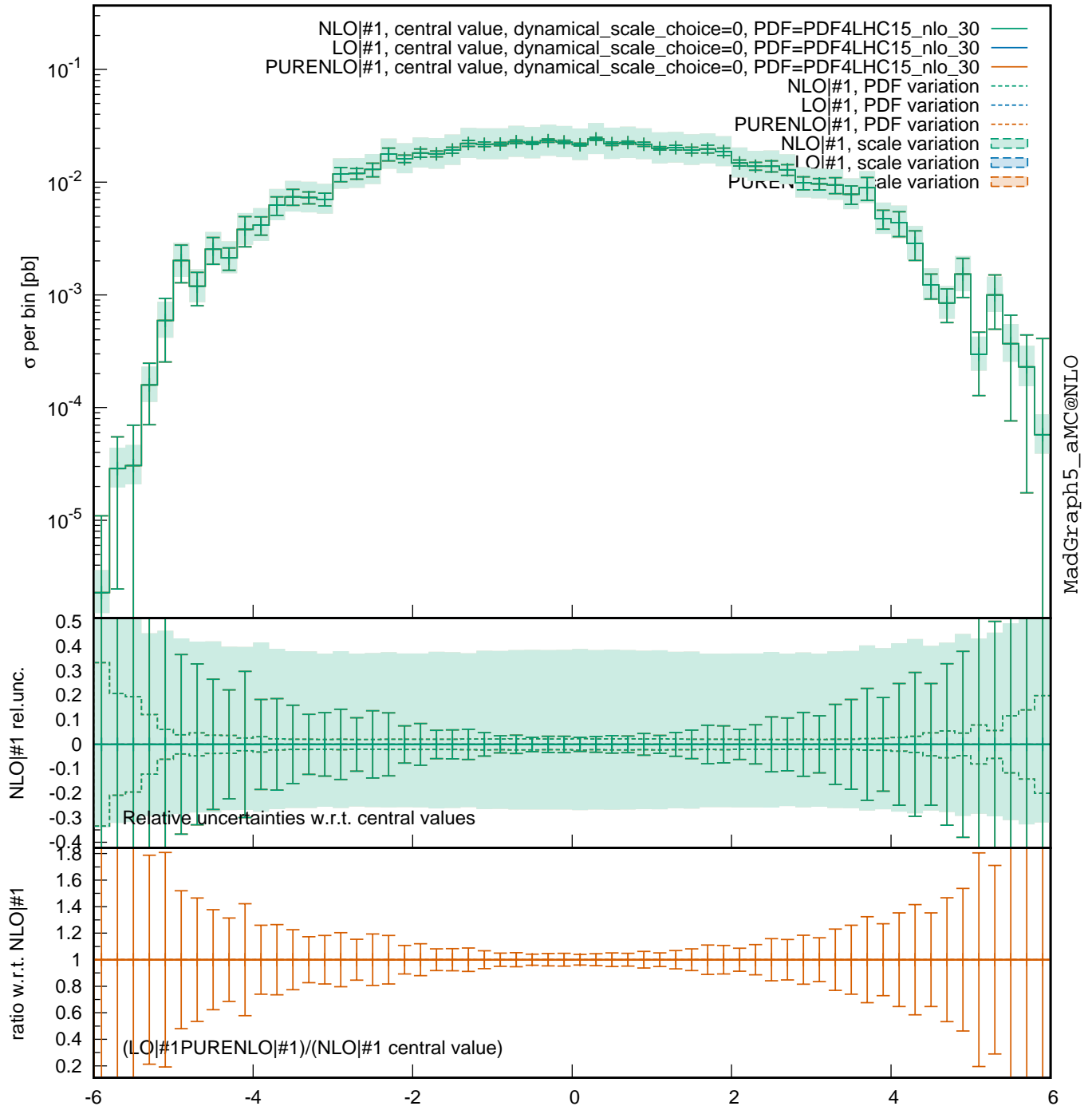


# Higgs $y, p_{T_H} > 90 \text{ GeV}$

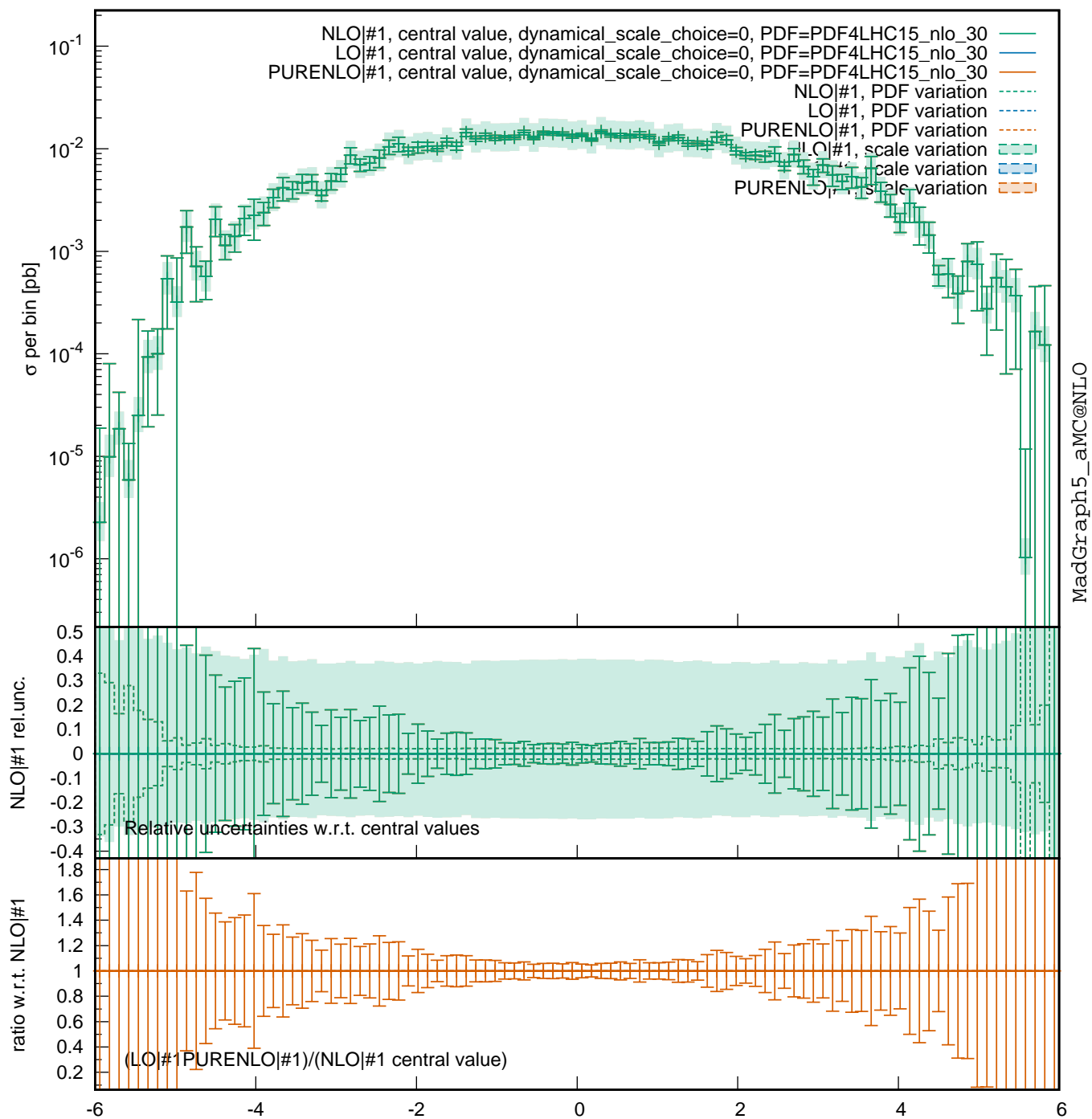




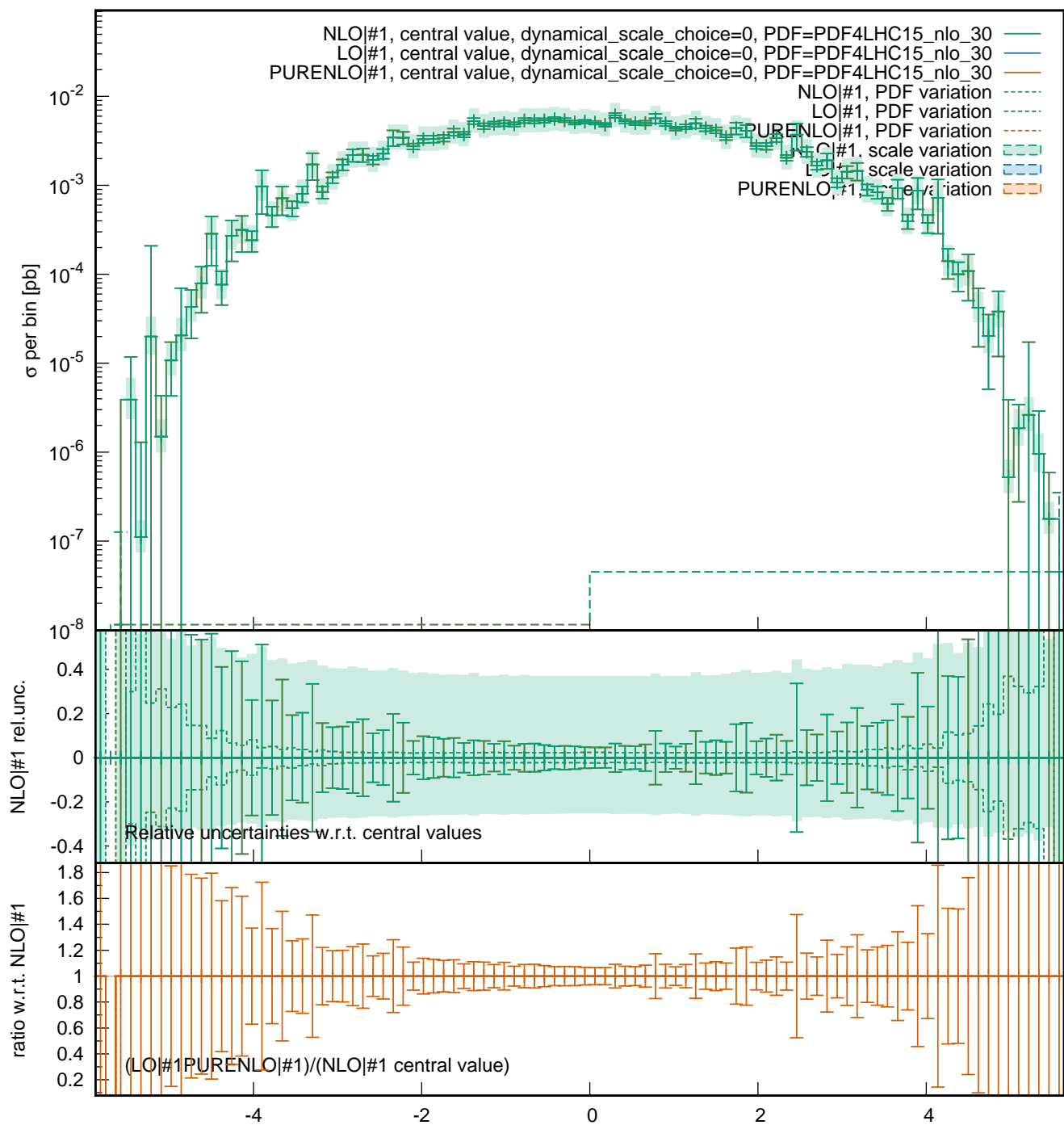
j1 y



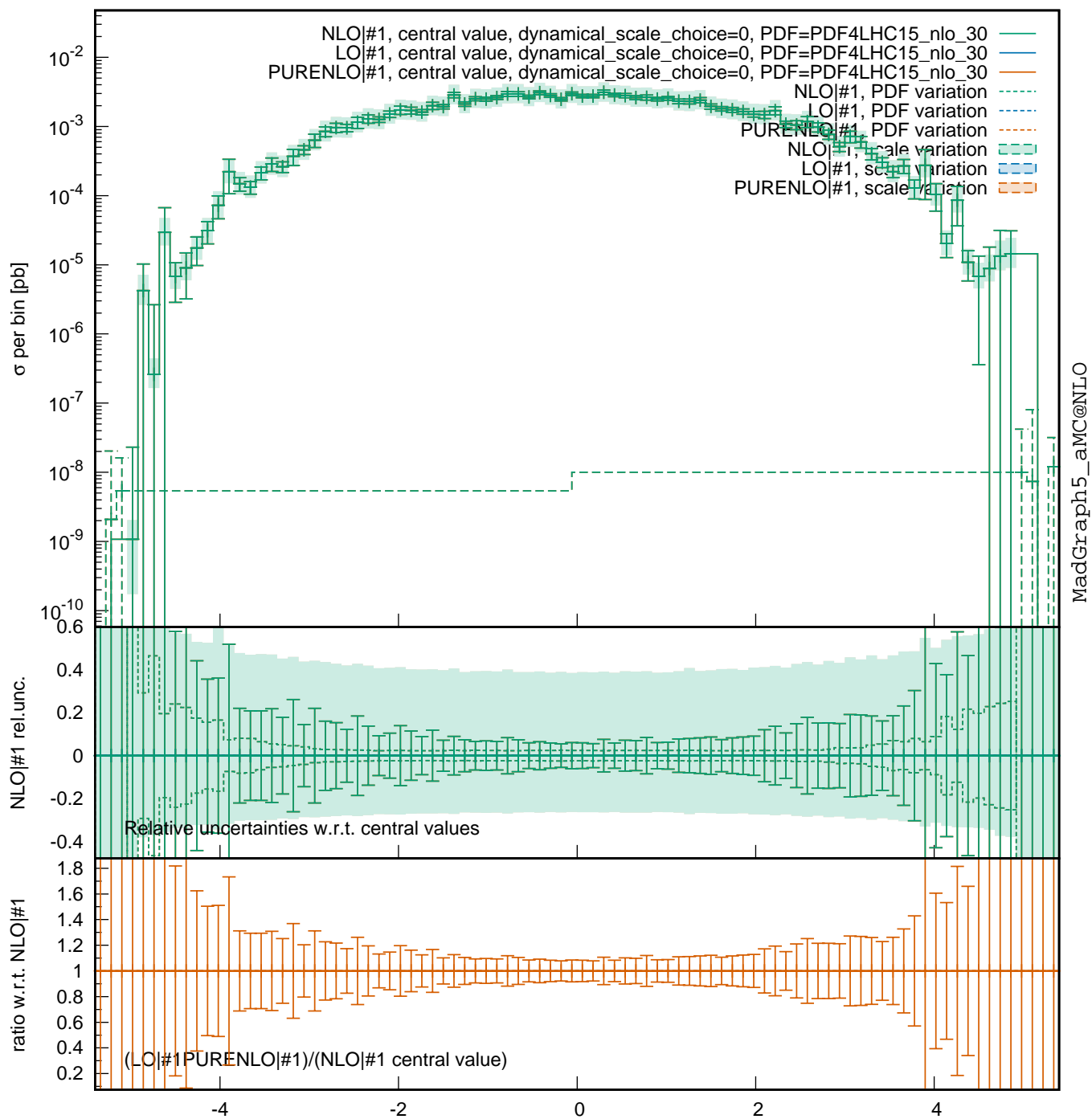
j1 y, pTj1 > 10 GeV



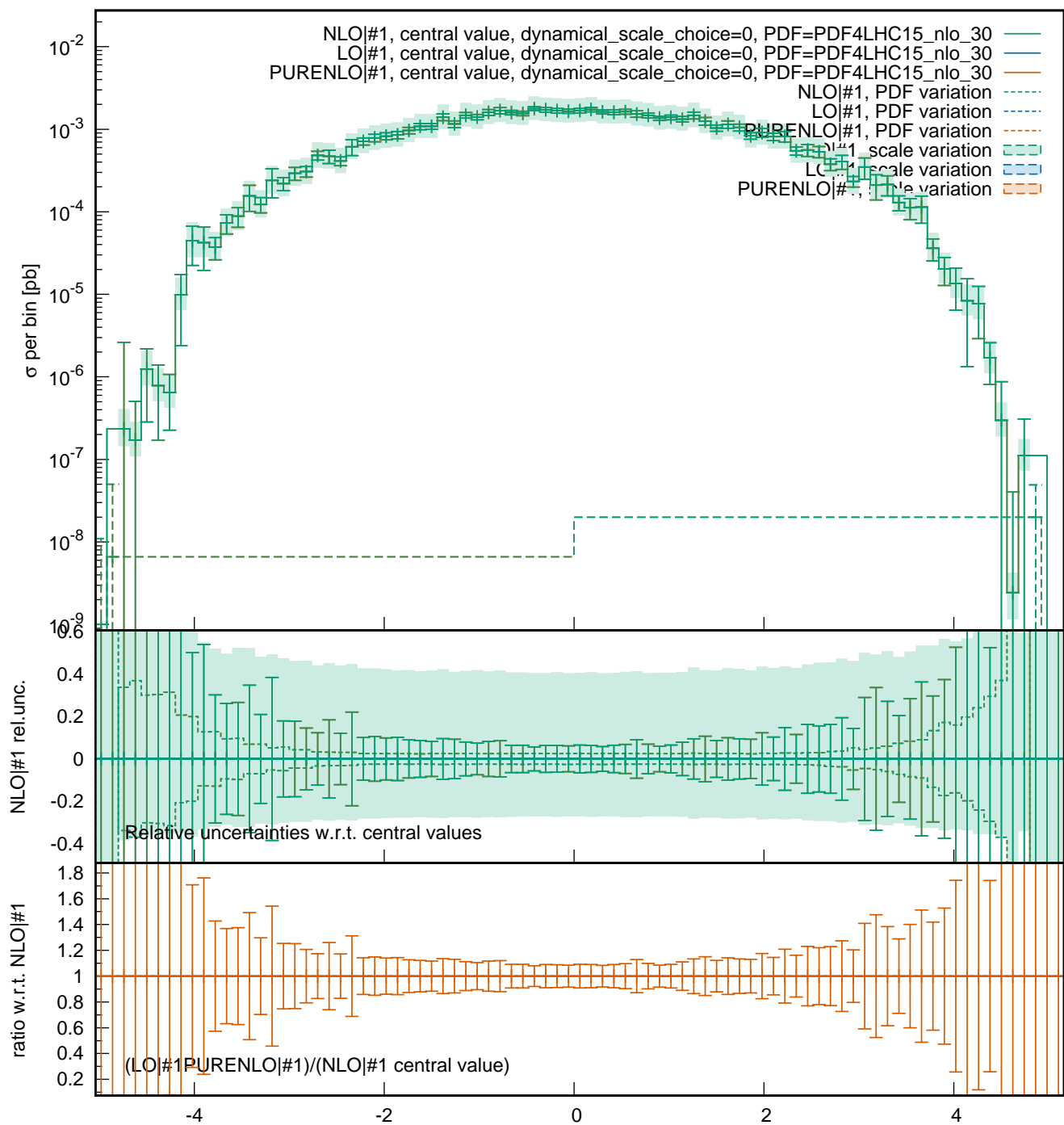
$j_1$  y,  $p_{T,j_1} > 30 \text{ GeV}$



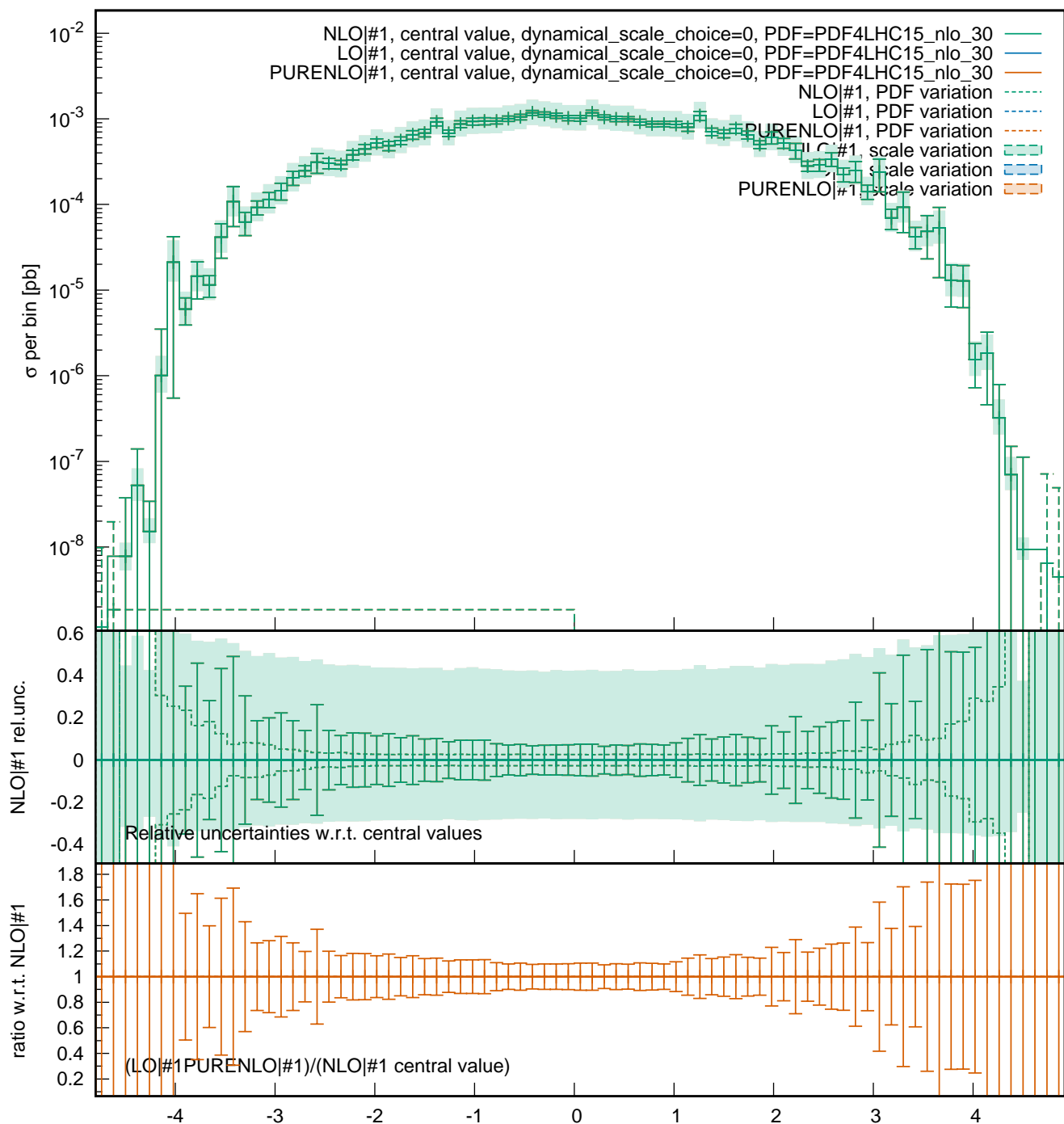
$j1, pT_{j1} > 50 \text{ GeV}$



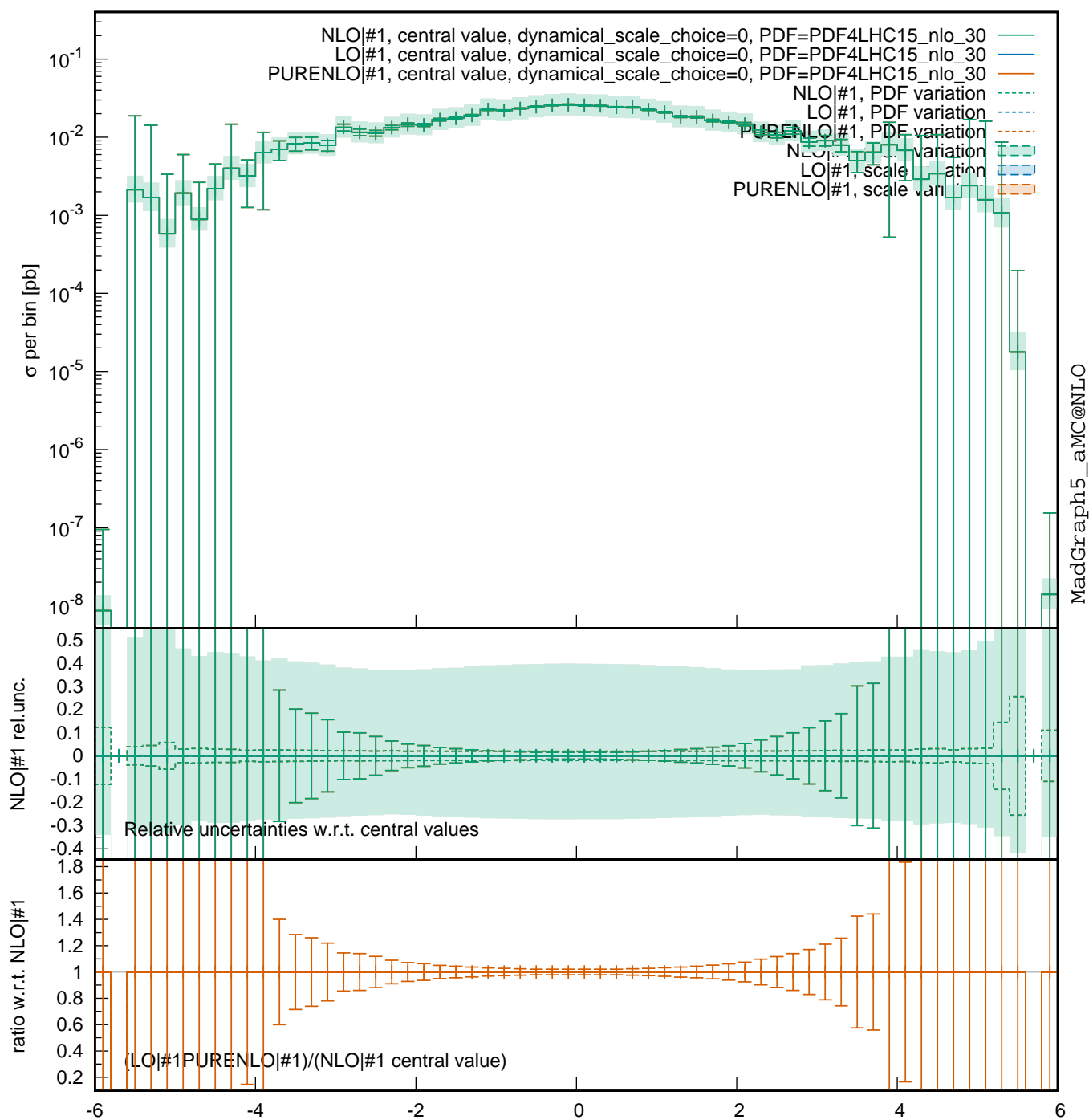
j1 y, pT<sub>j1</sub> > 70 GeV



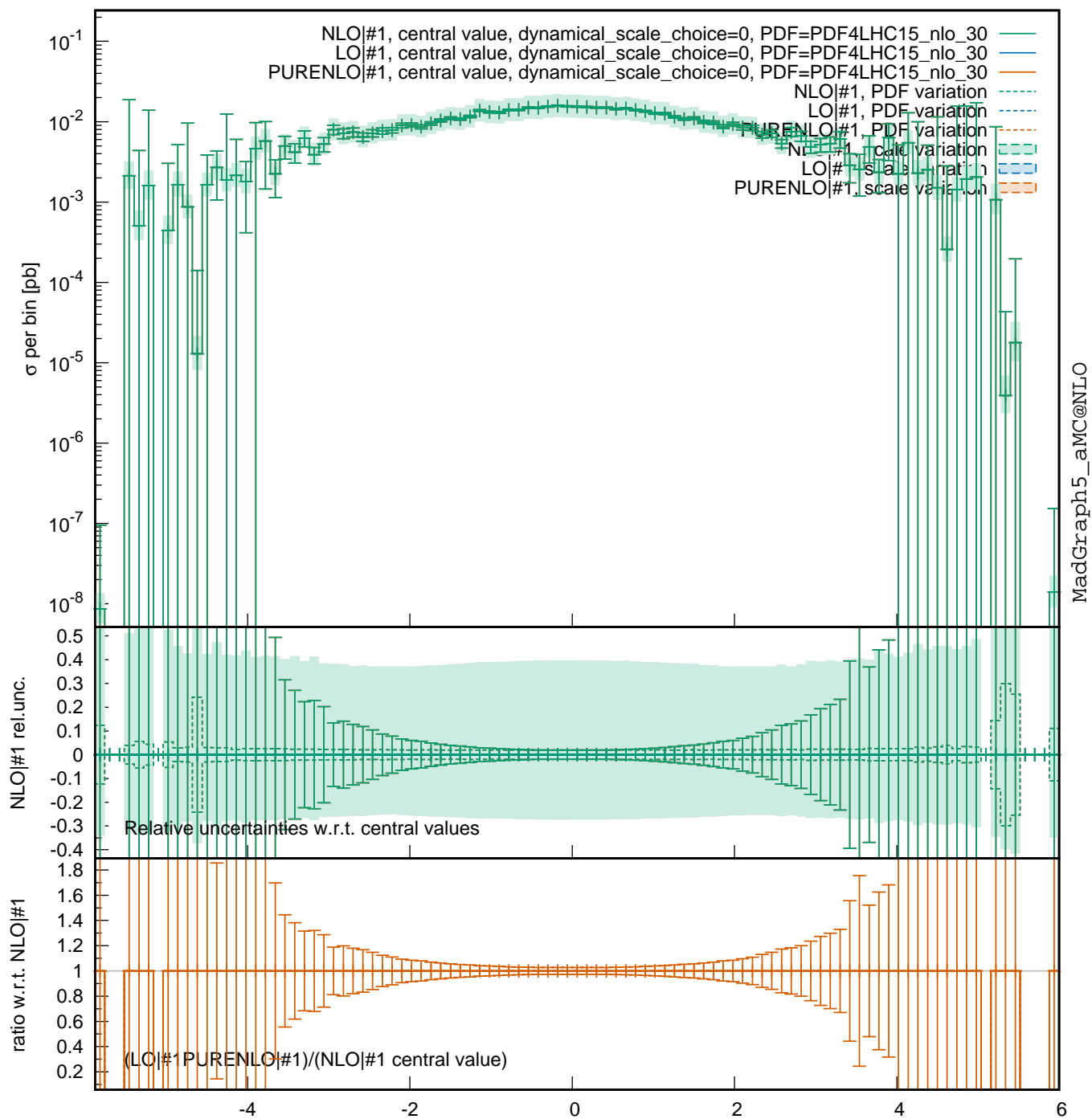
j1 y, pT<sub>j1</sub> > 90 GeV



H-j1 y

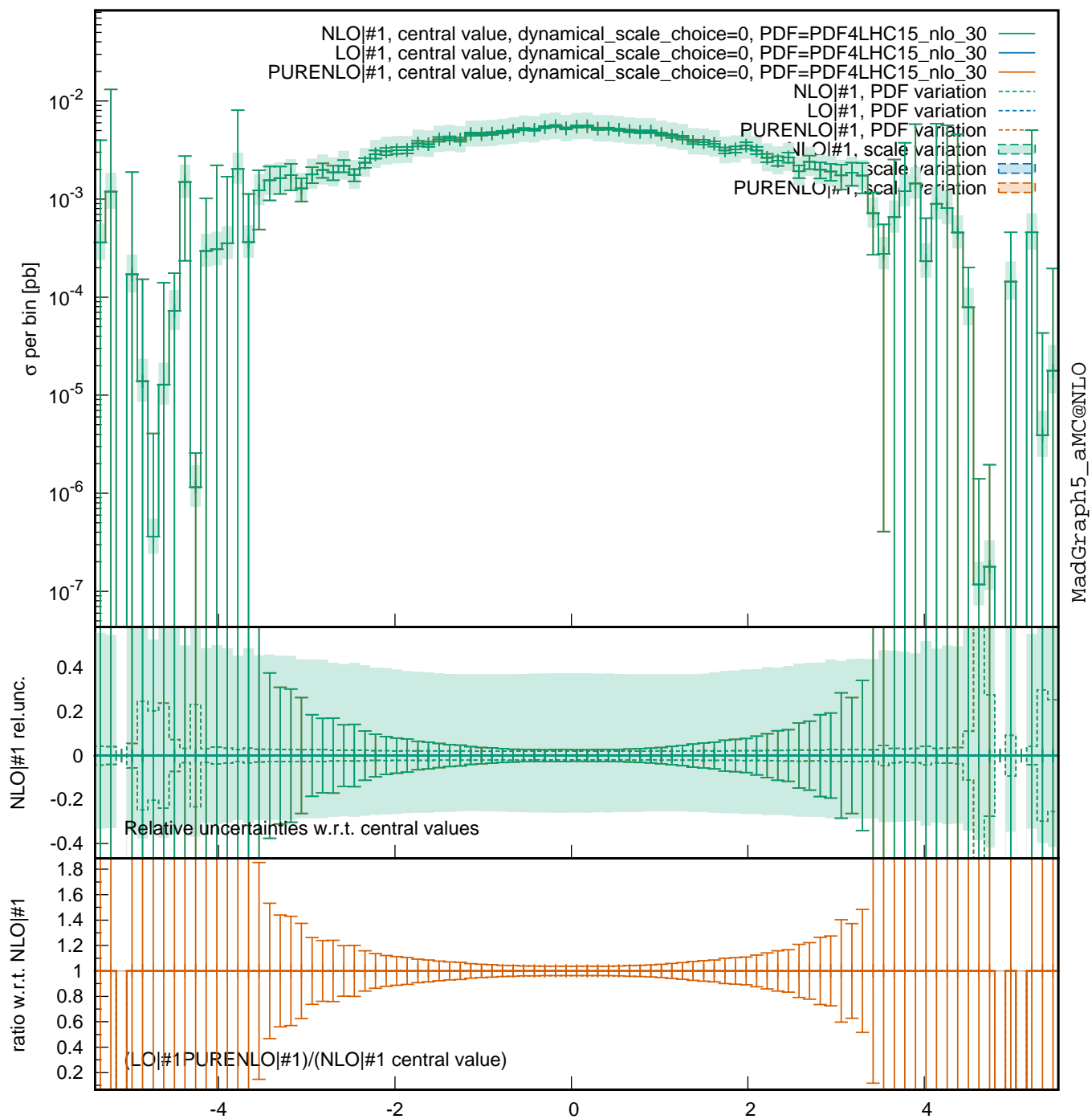


H-j1 y,pT<sub>j1</sub>>10GeV

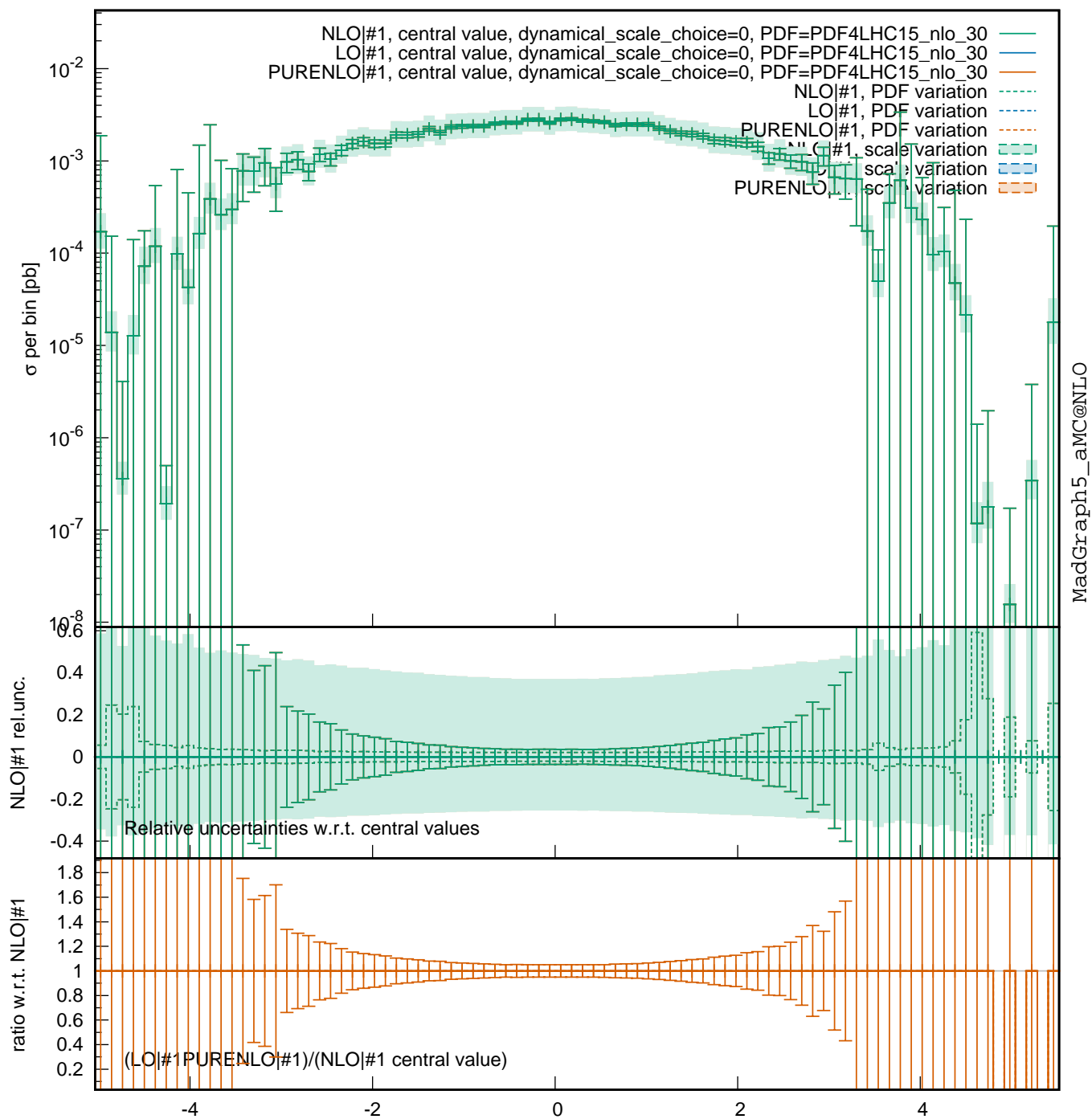




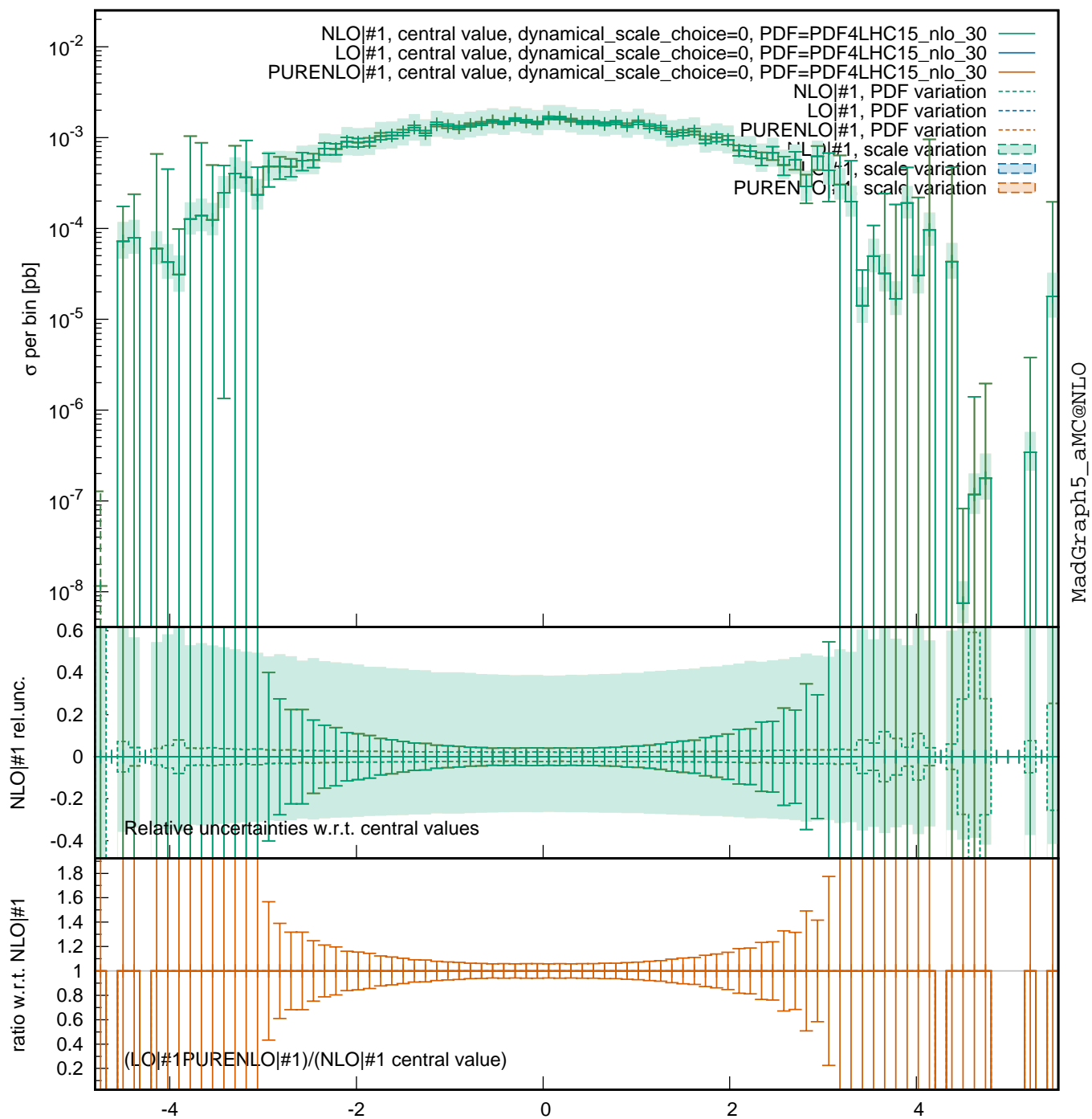
H-j1  $y, p_{Tj1} > 30 \text{ GeV}$



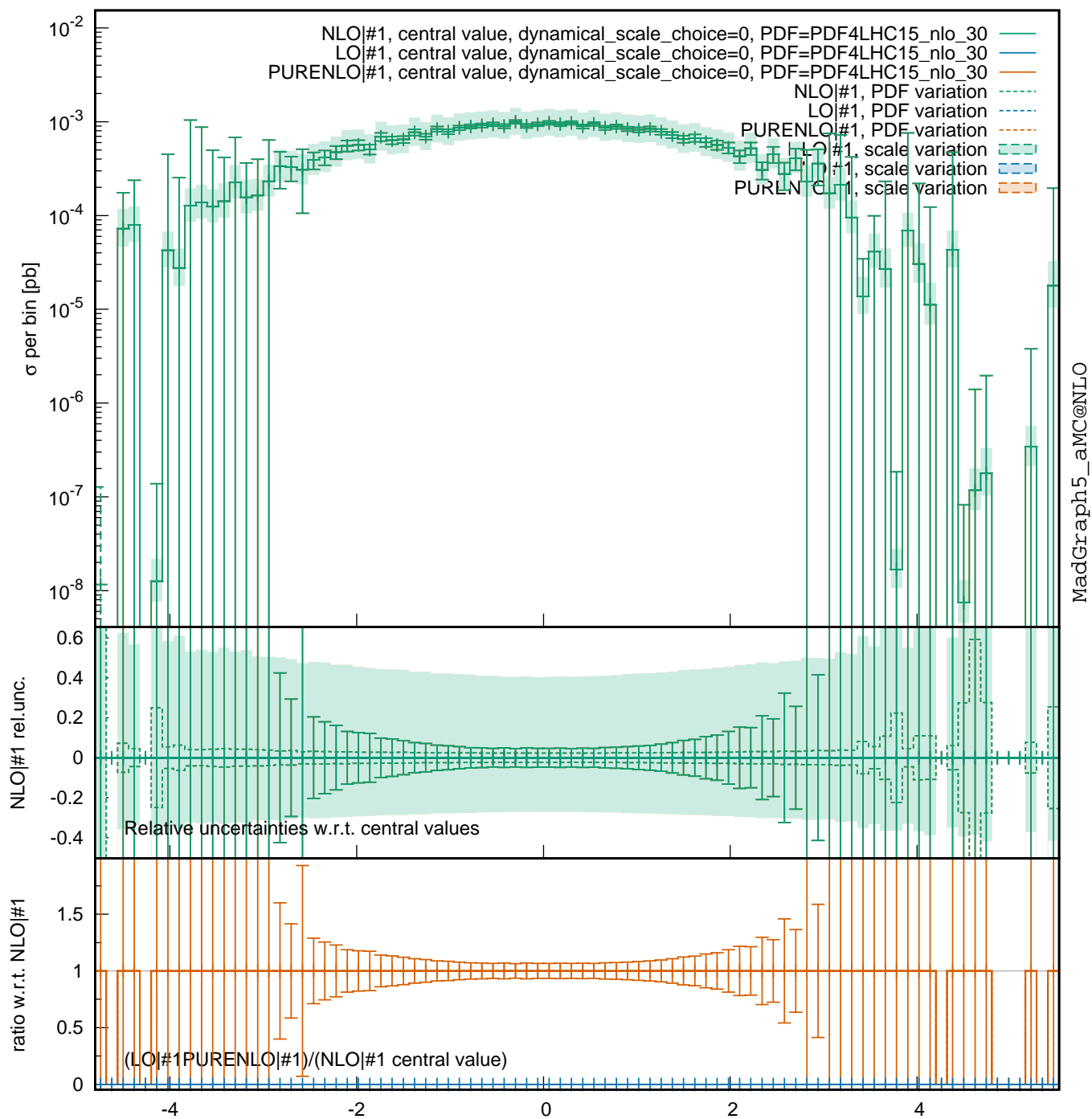
H-j1  $y, p_{Tj1} > 50 \text{ GeV}$



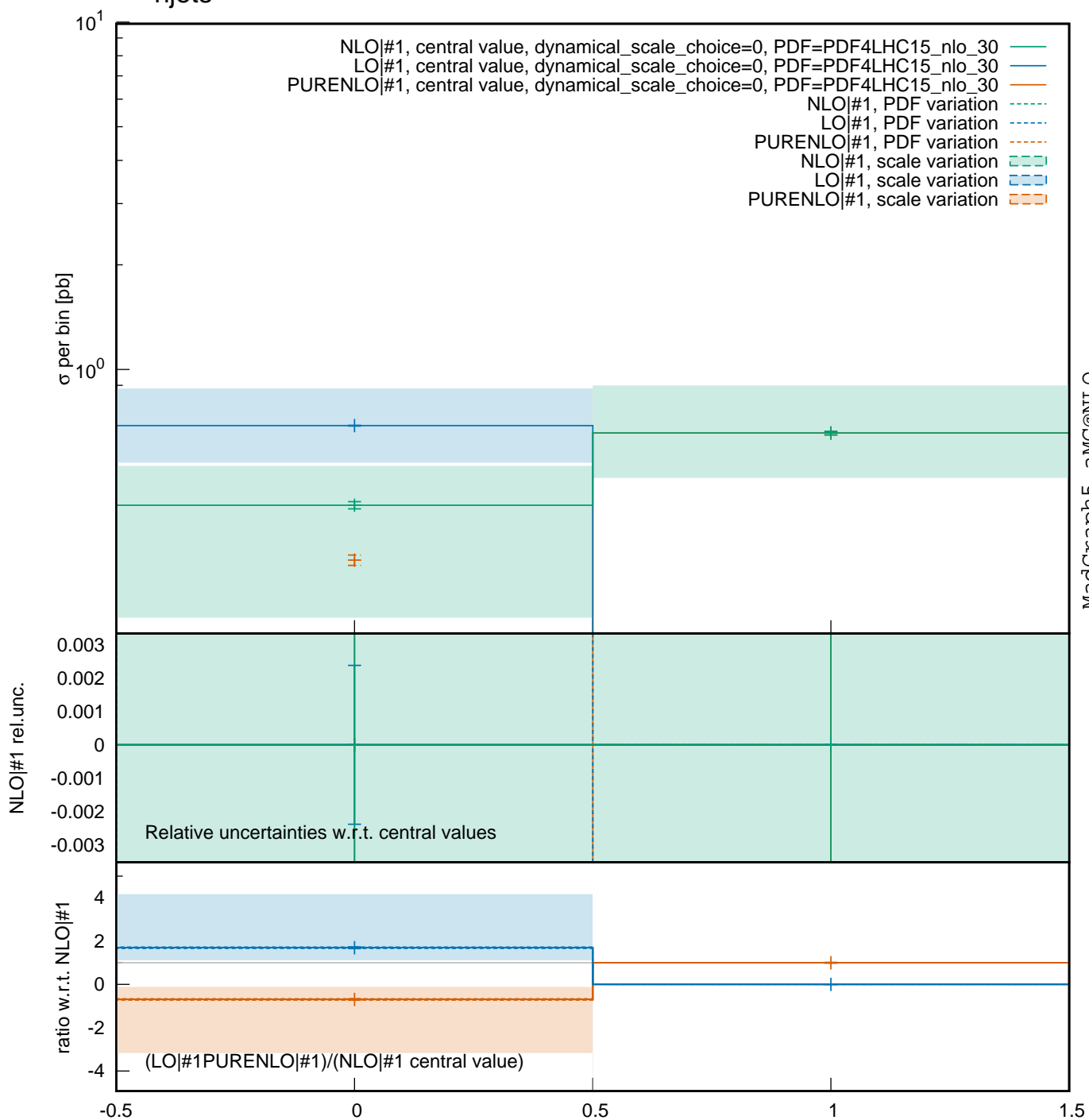
H-j1  $y, p_{Tj1} > 70 \text{ GeV}$



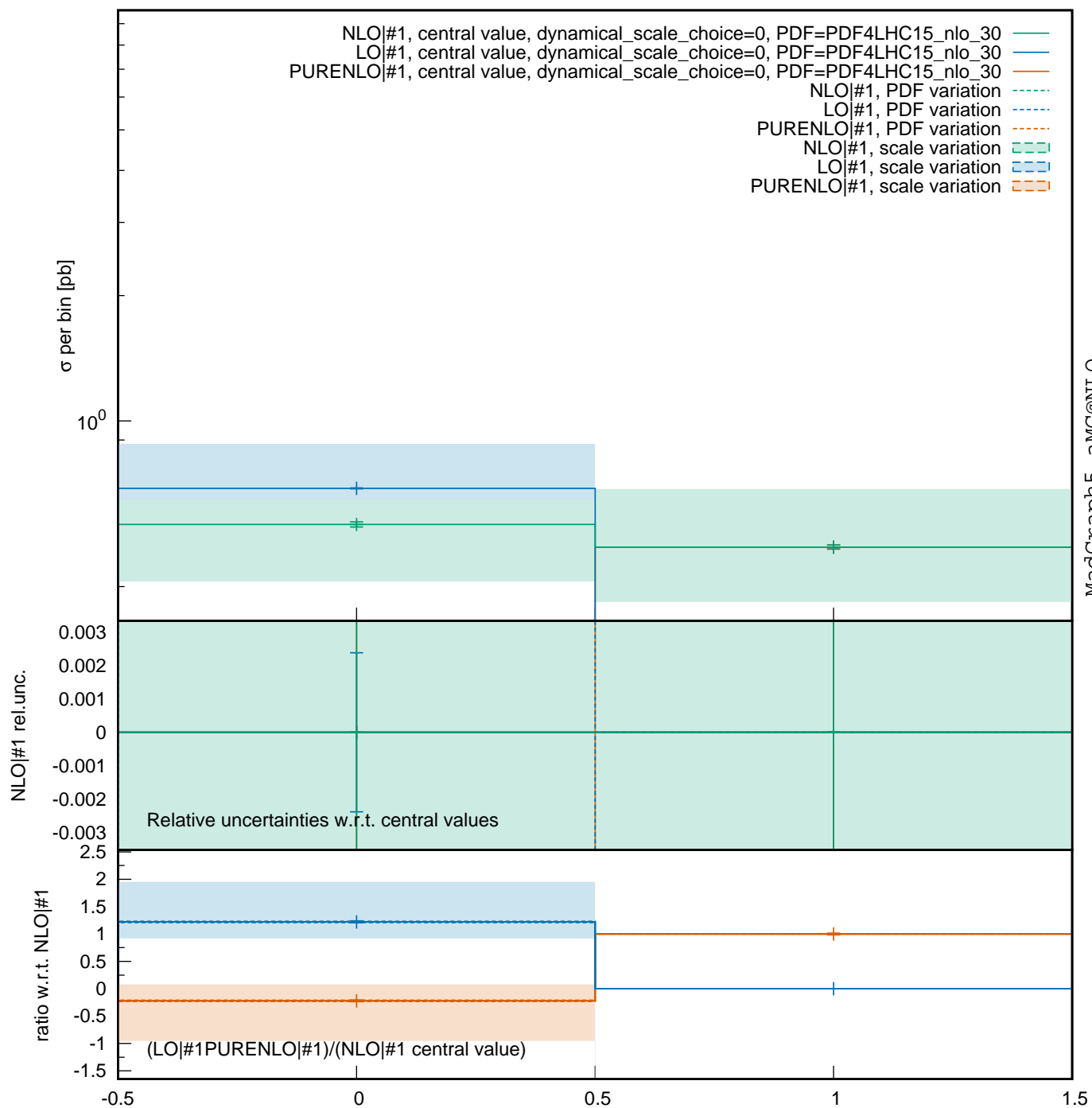
H-j1  $y, p_{T,j1} > 90 \text{ GeV}$



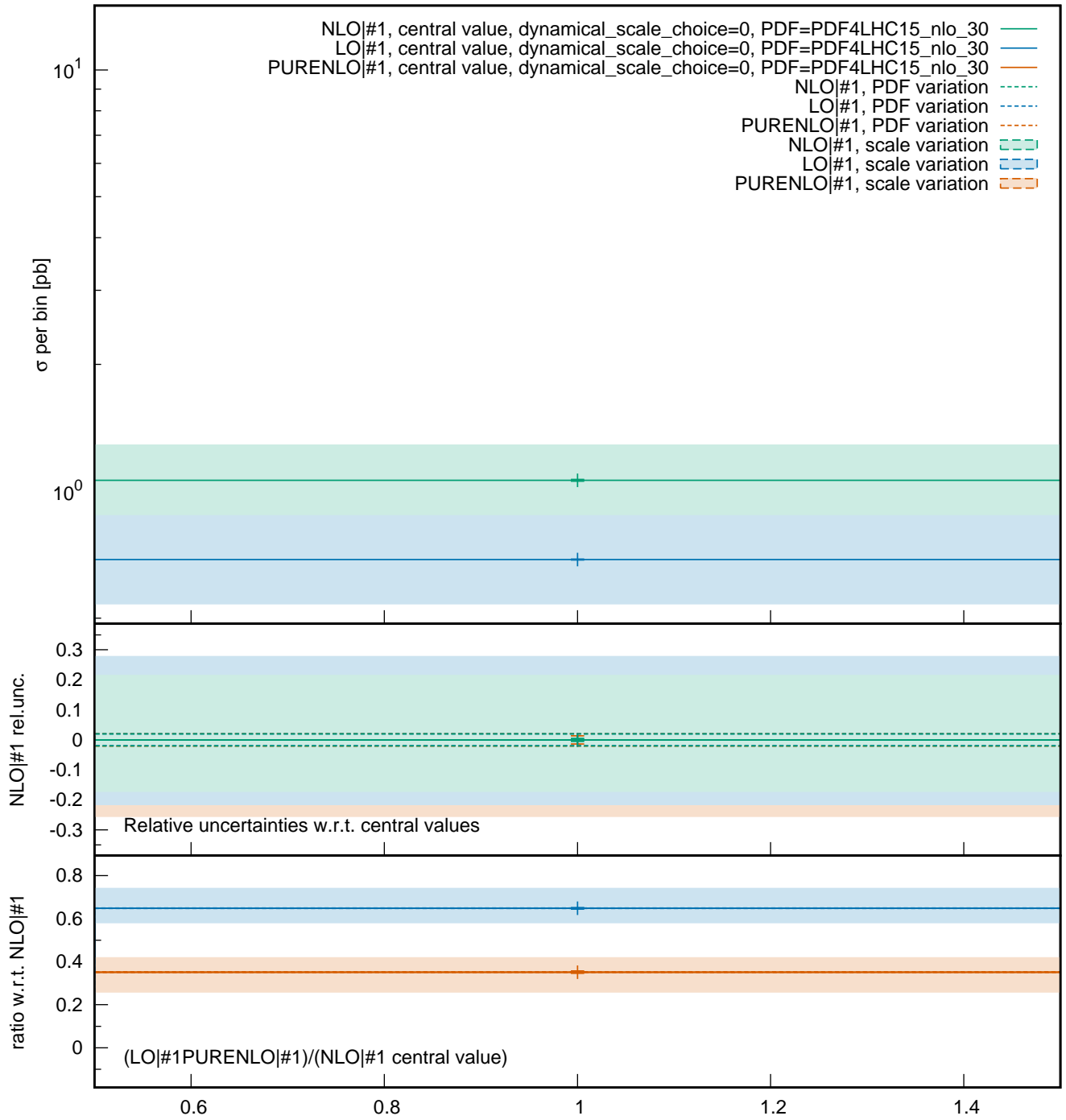
njets



$n_{\text{jets}}, \text{abs}(y_j) < 2.5$



xsec



# total rate

