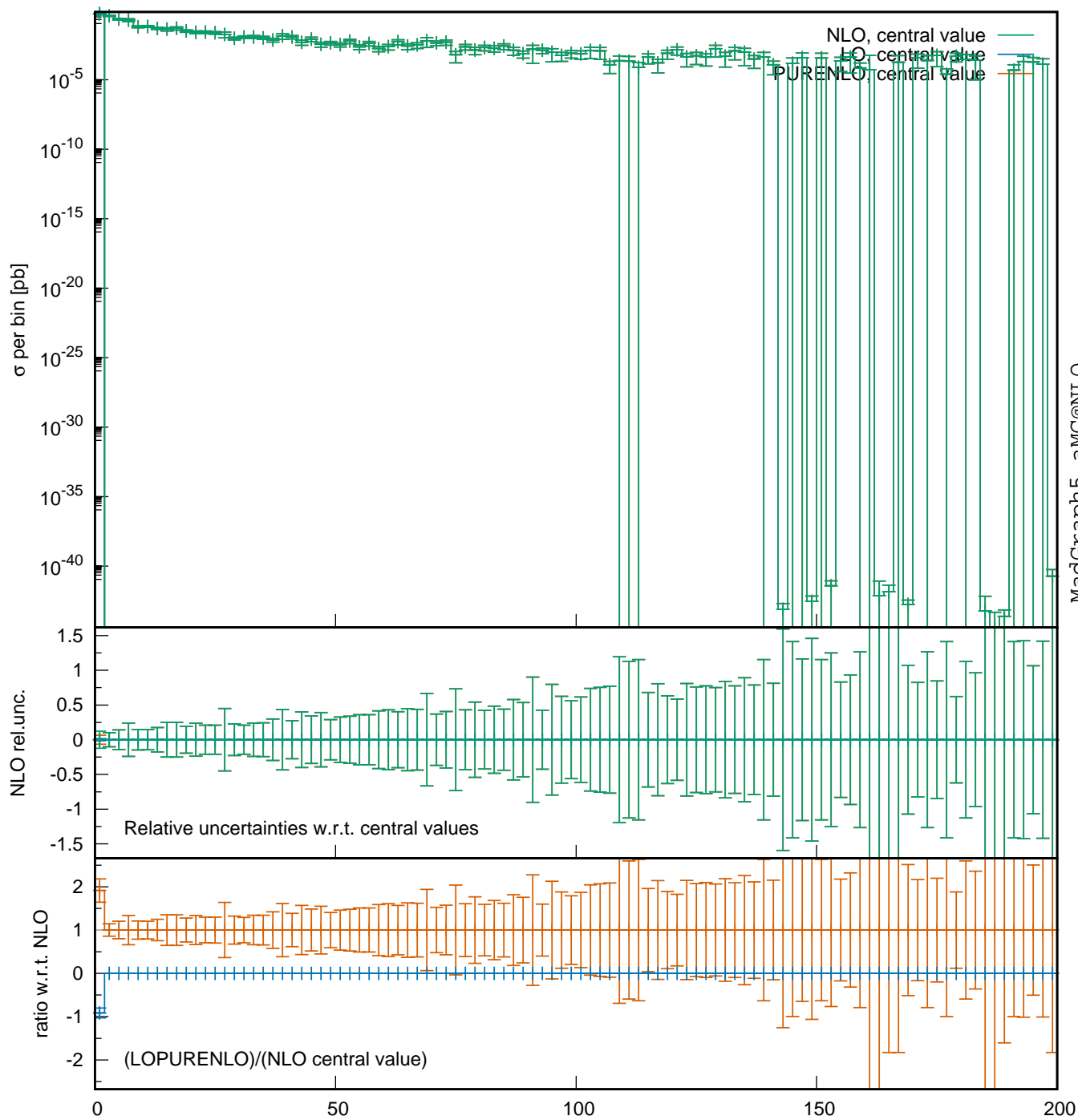
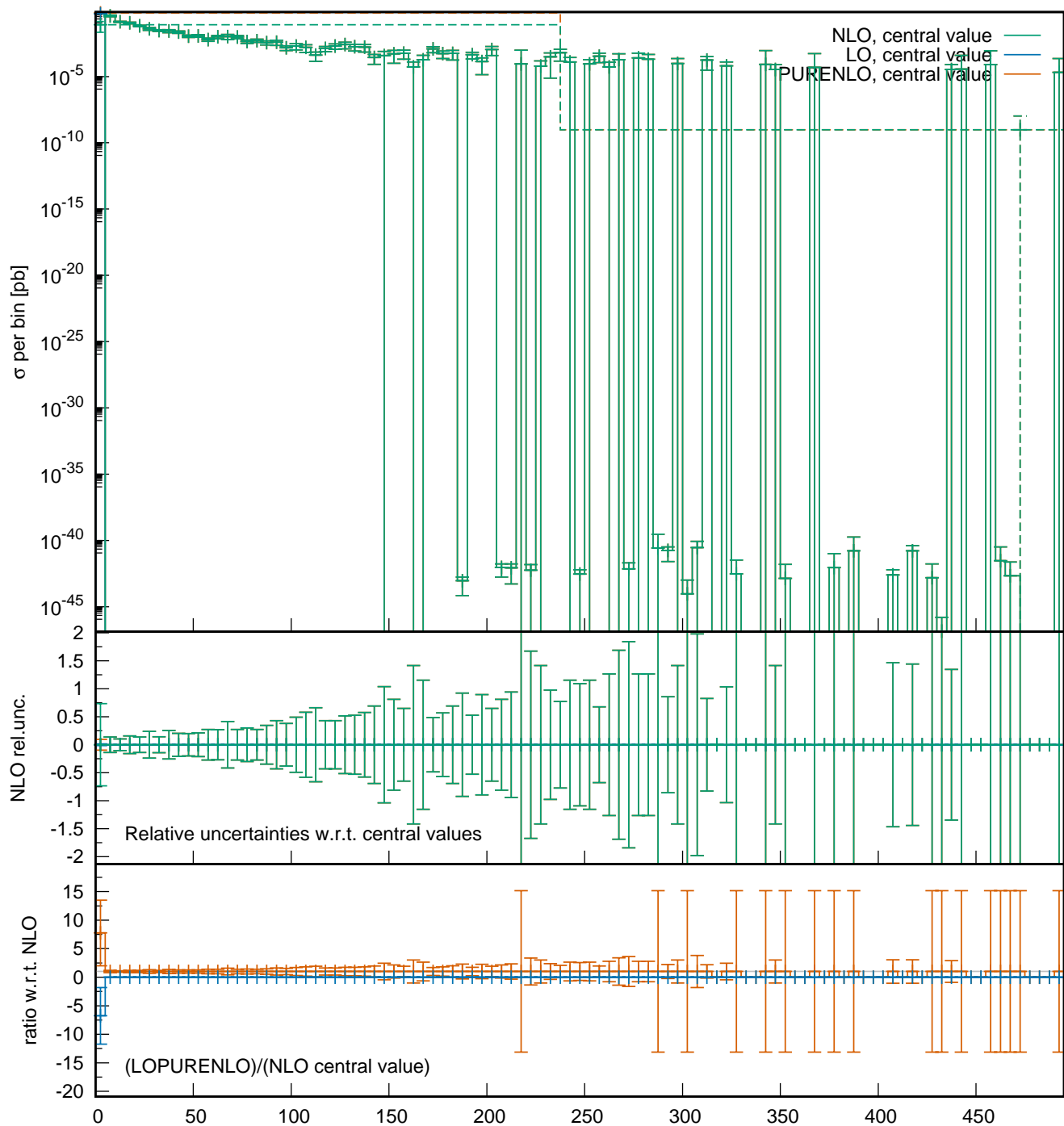


Higgs  $p_T, \text{abs}(y_H) < 2$

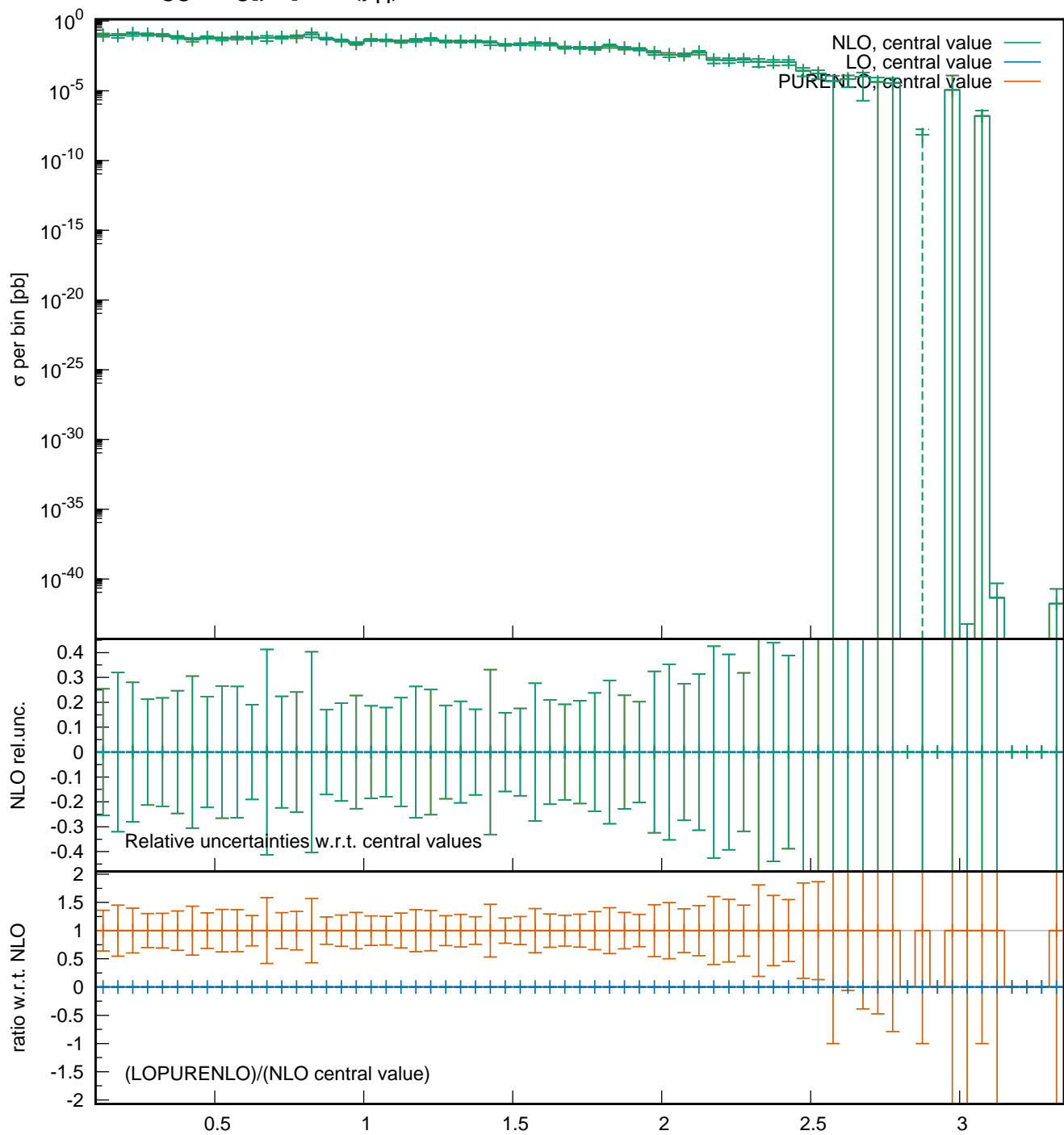


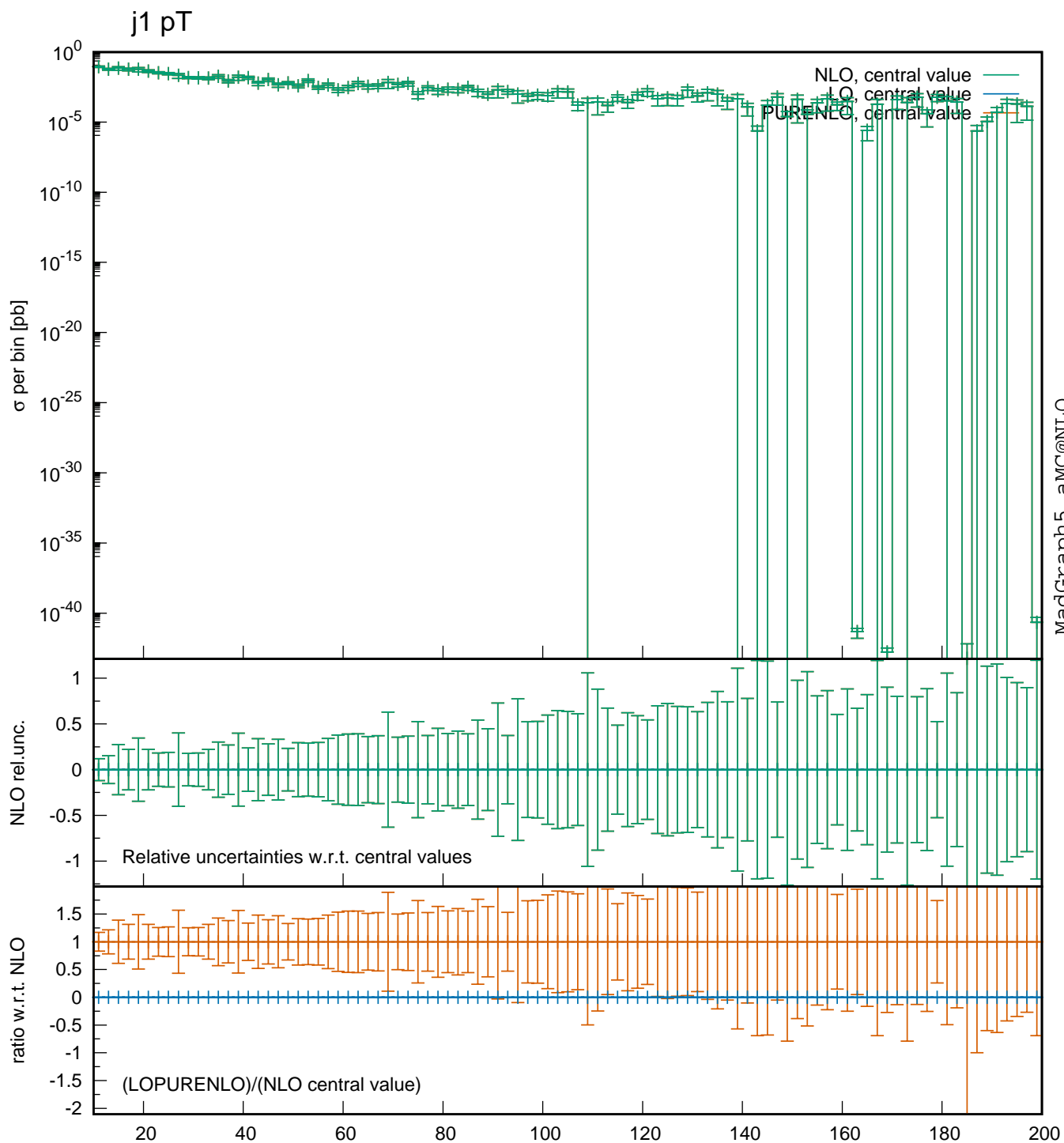
Higgs  $p_T, \text{abs}(y_H) < 2$

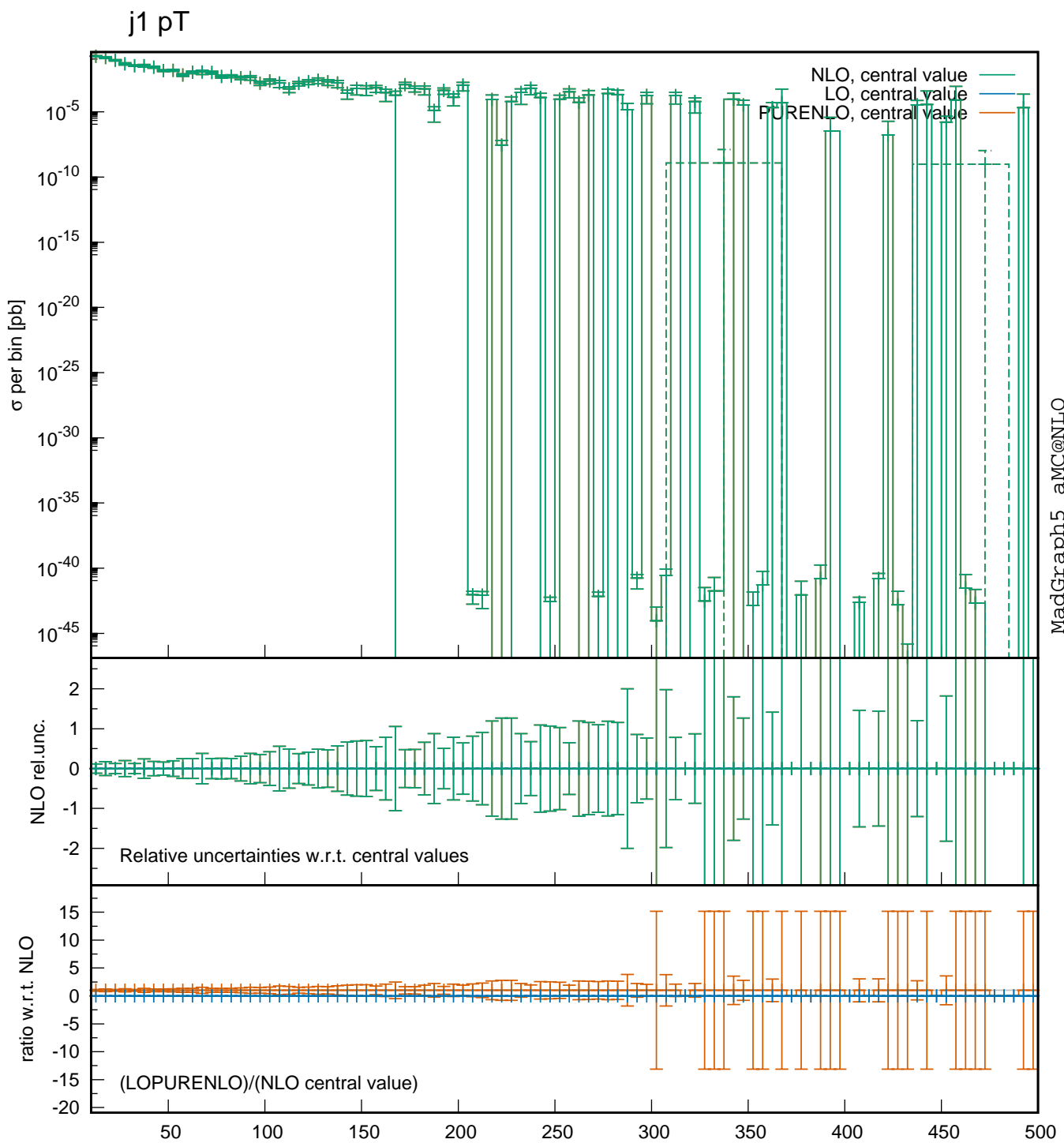


MadGraph5\_aMC@NLO

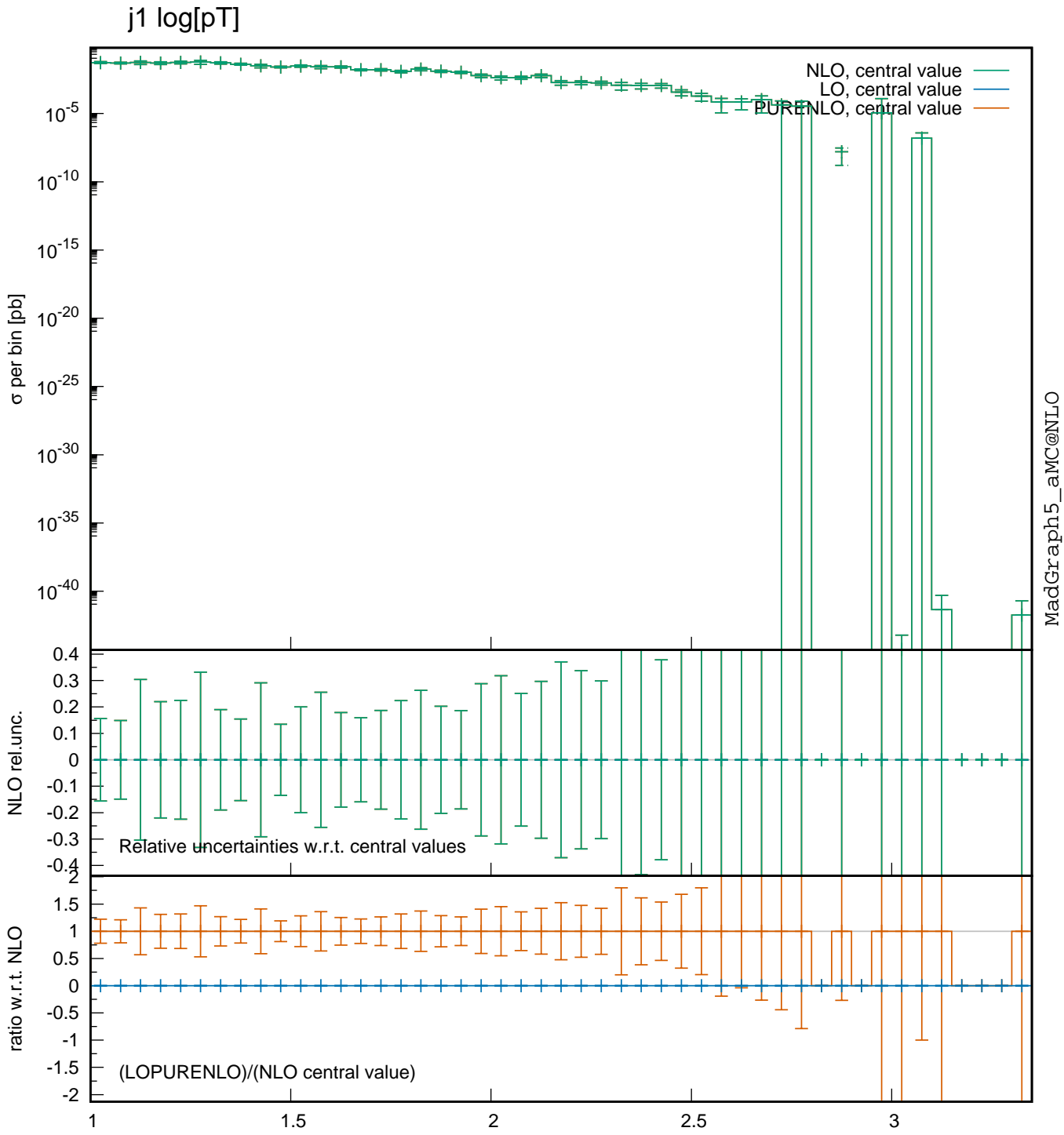
# Higgs $\log[p_T], \text{abs}(y_H) < 2$



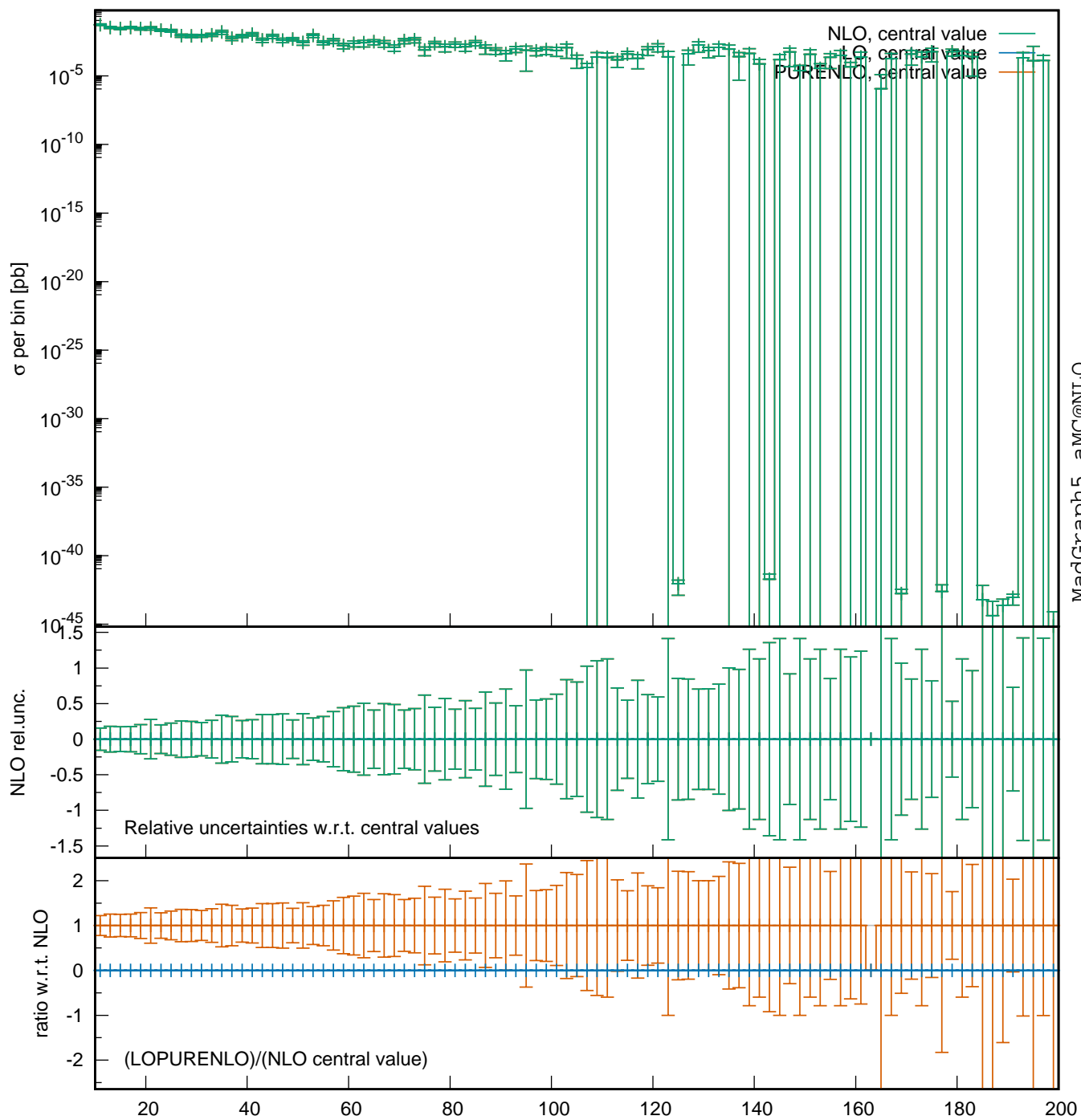




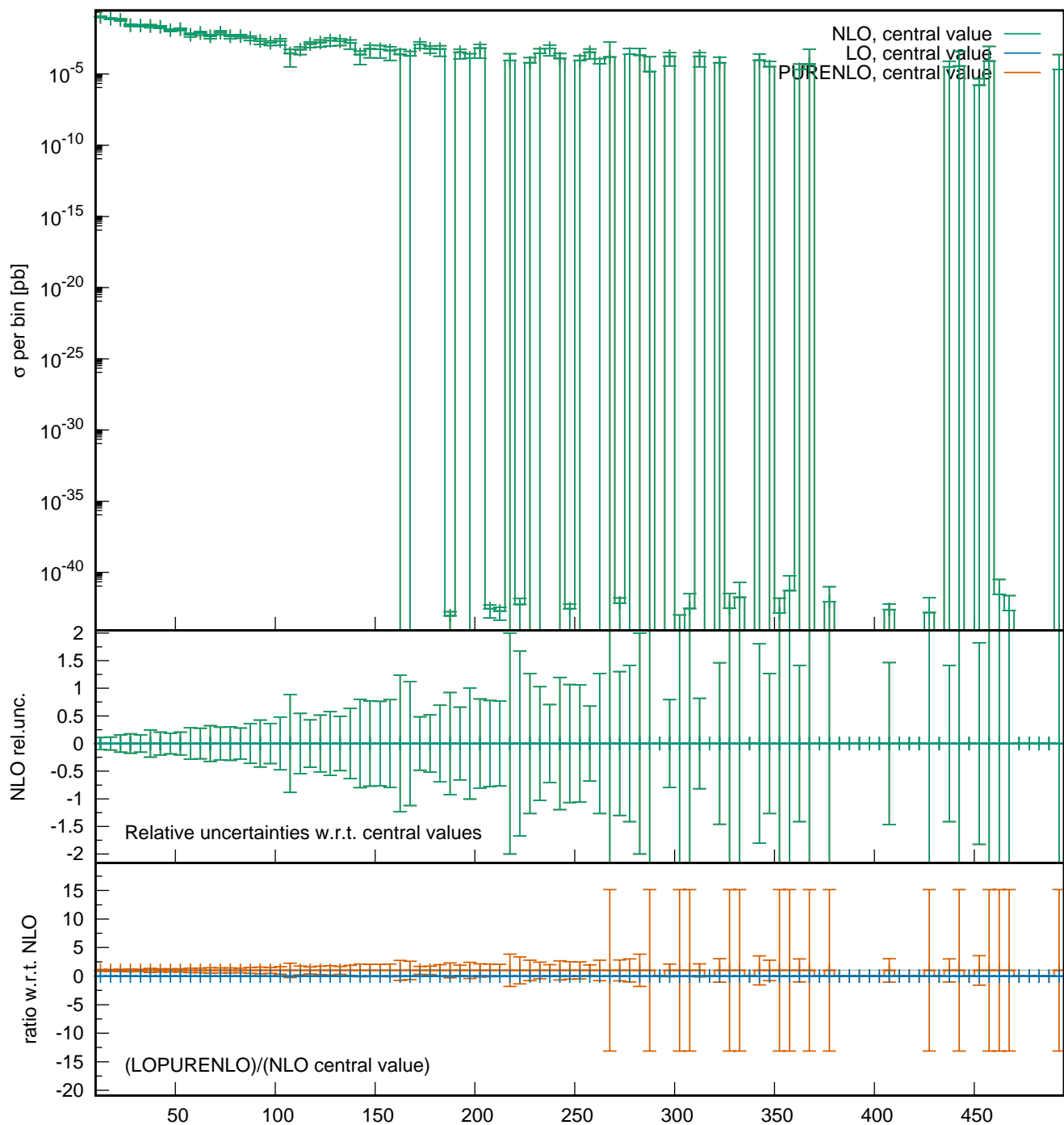




$j_1$  pT,  $\text{abs}(y_{j_1}) < 2$

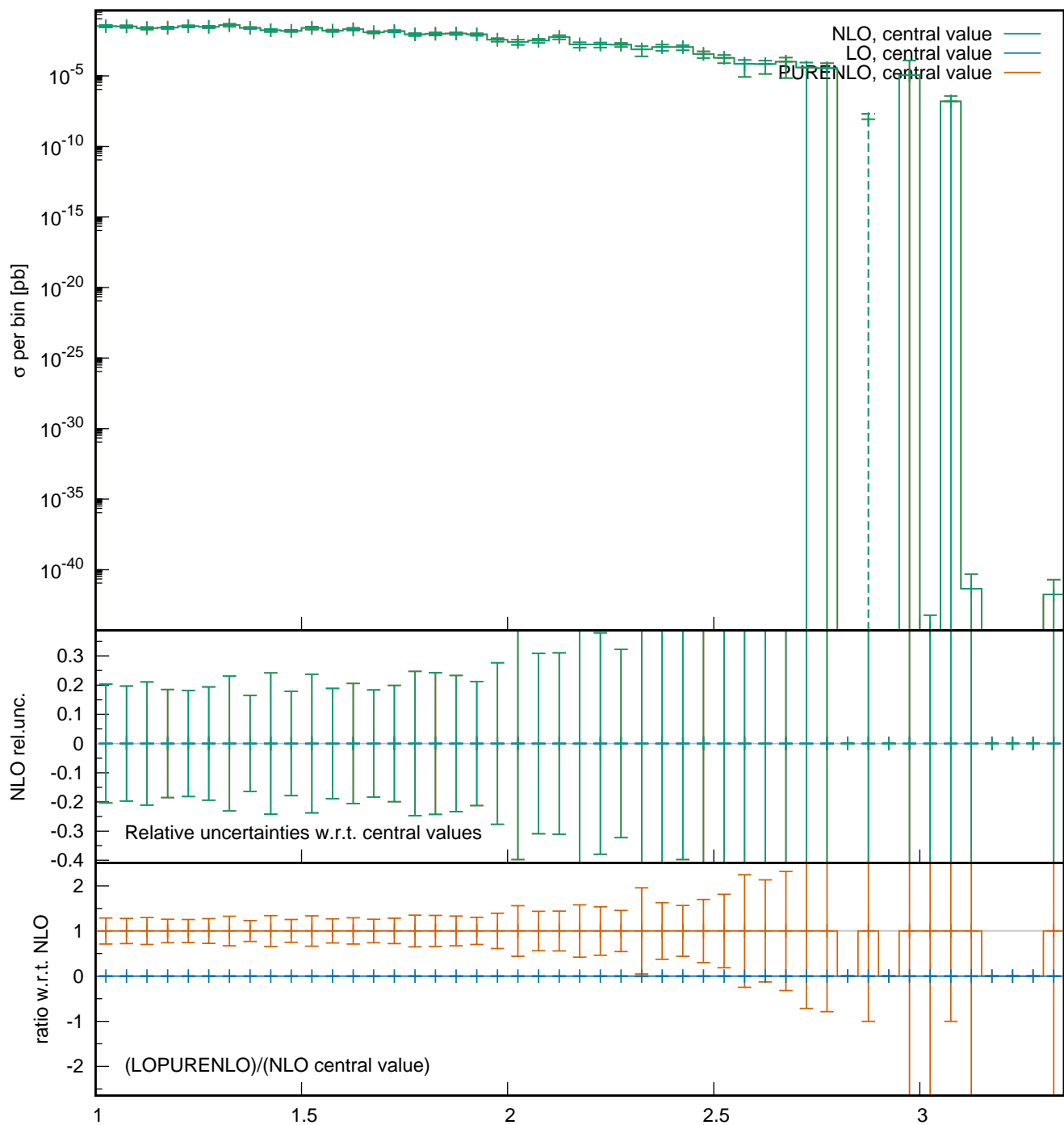


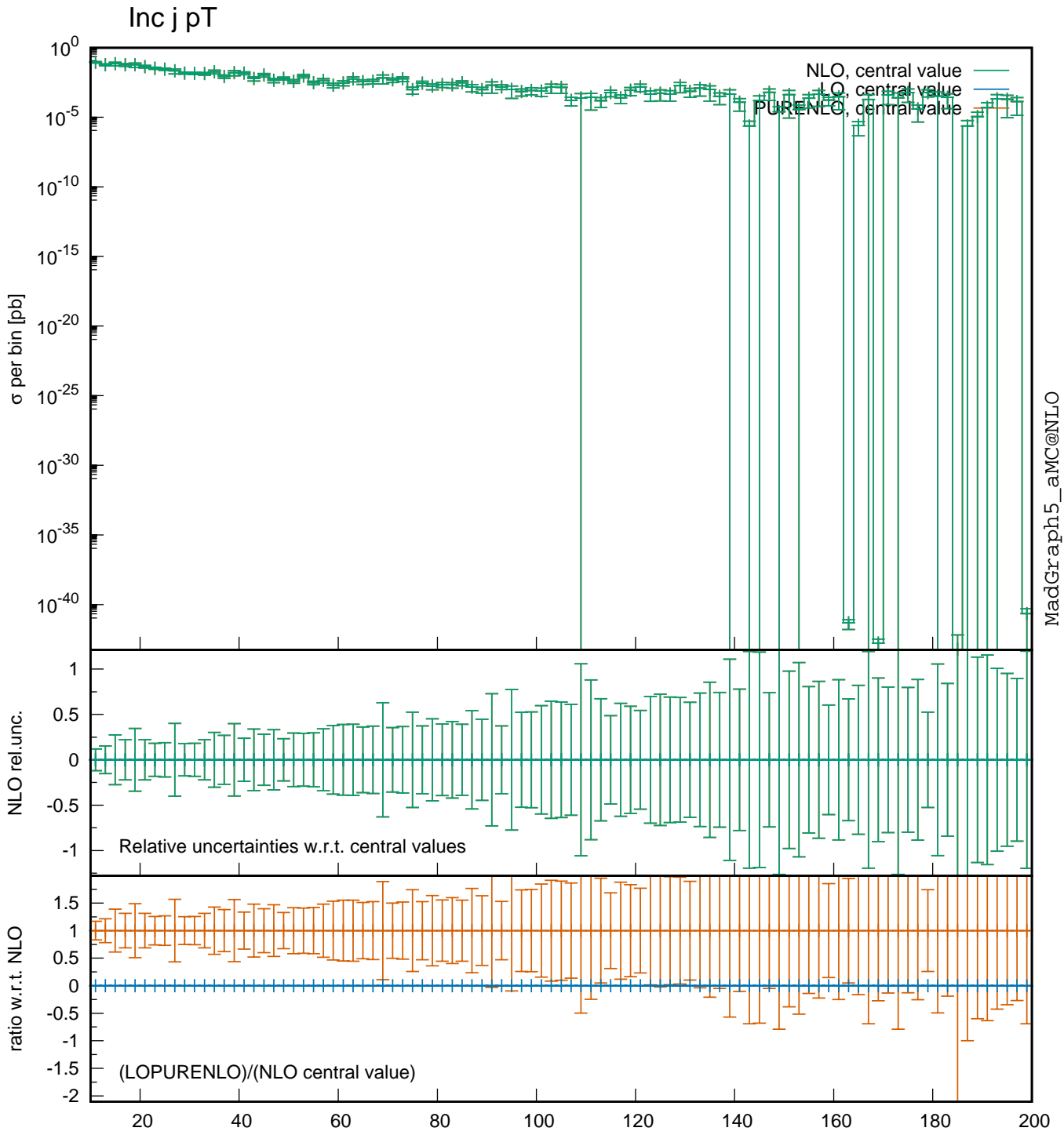
$j_1 \text{ pT, abs}(y_{j1}) < 2$



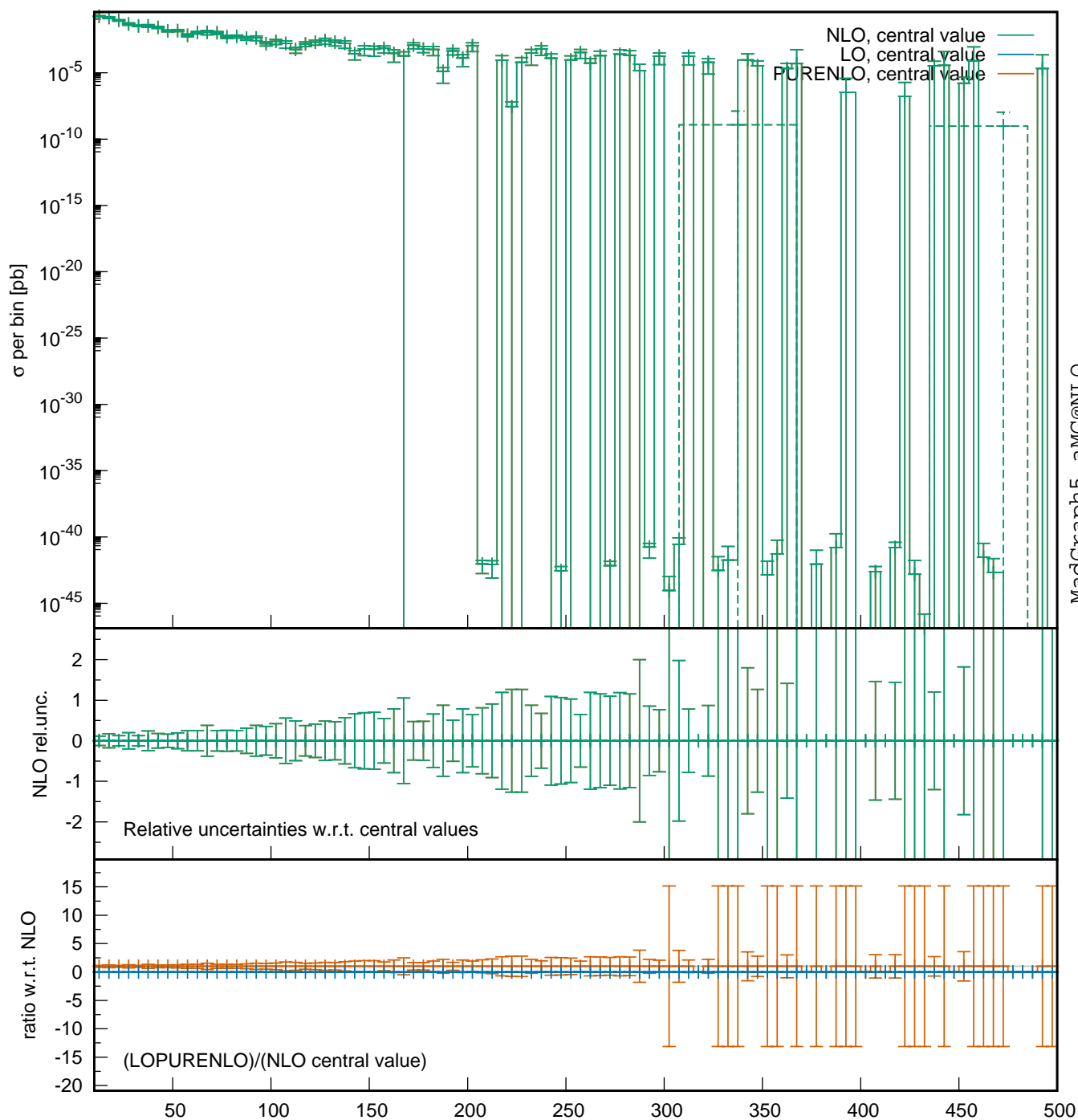
MadGraph5\_aMC@NLO

$j_1 \log[p_T], \text{abs}(y_{j1}) < 2$

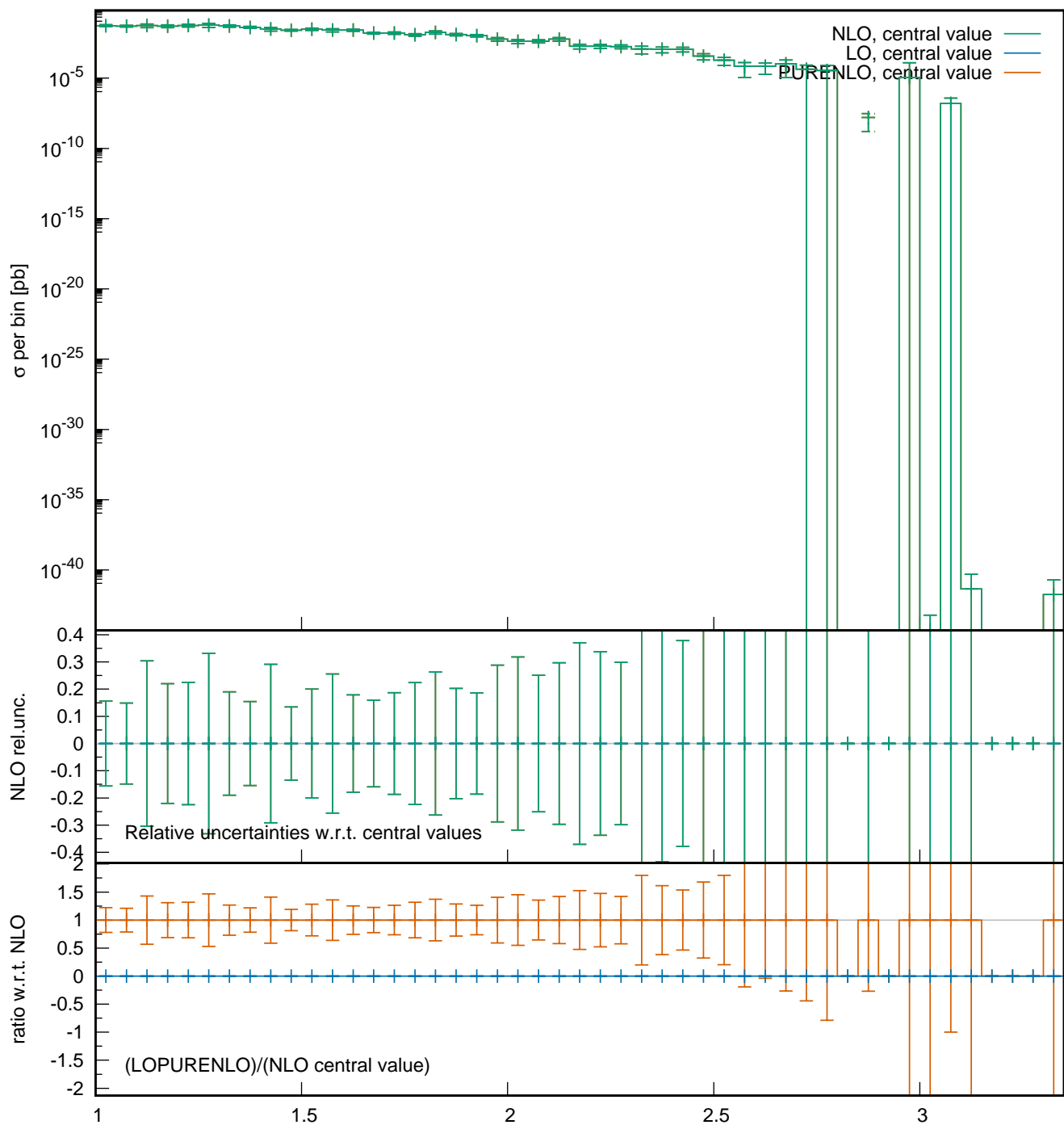




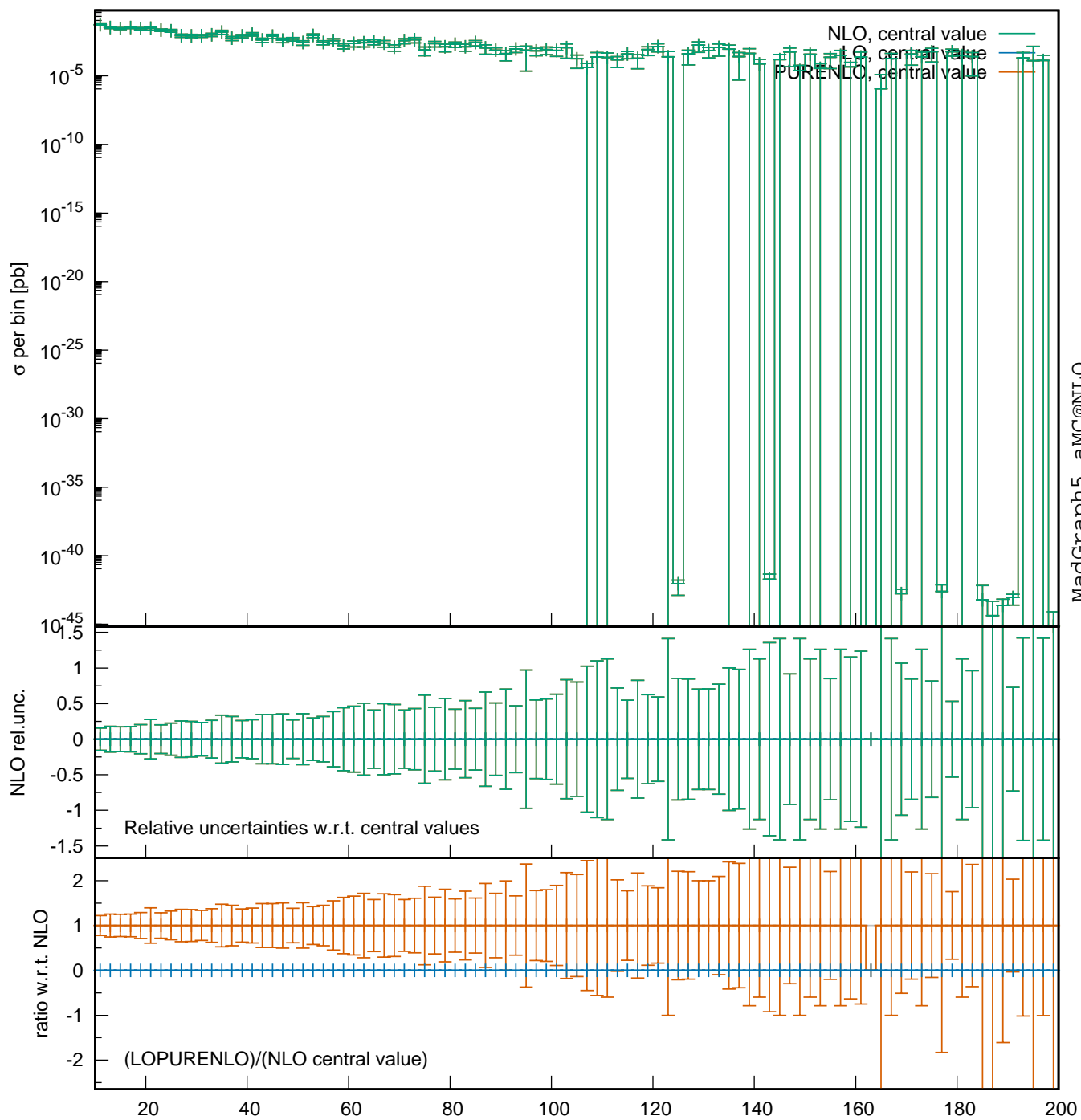
Inc j pT



Inc j log[pT]

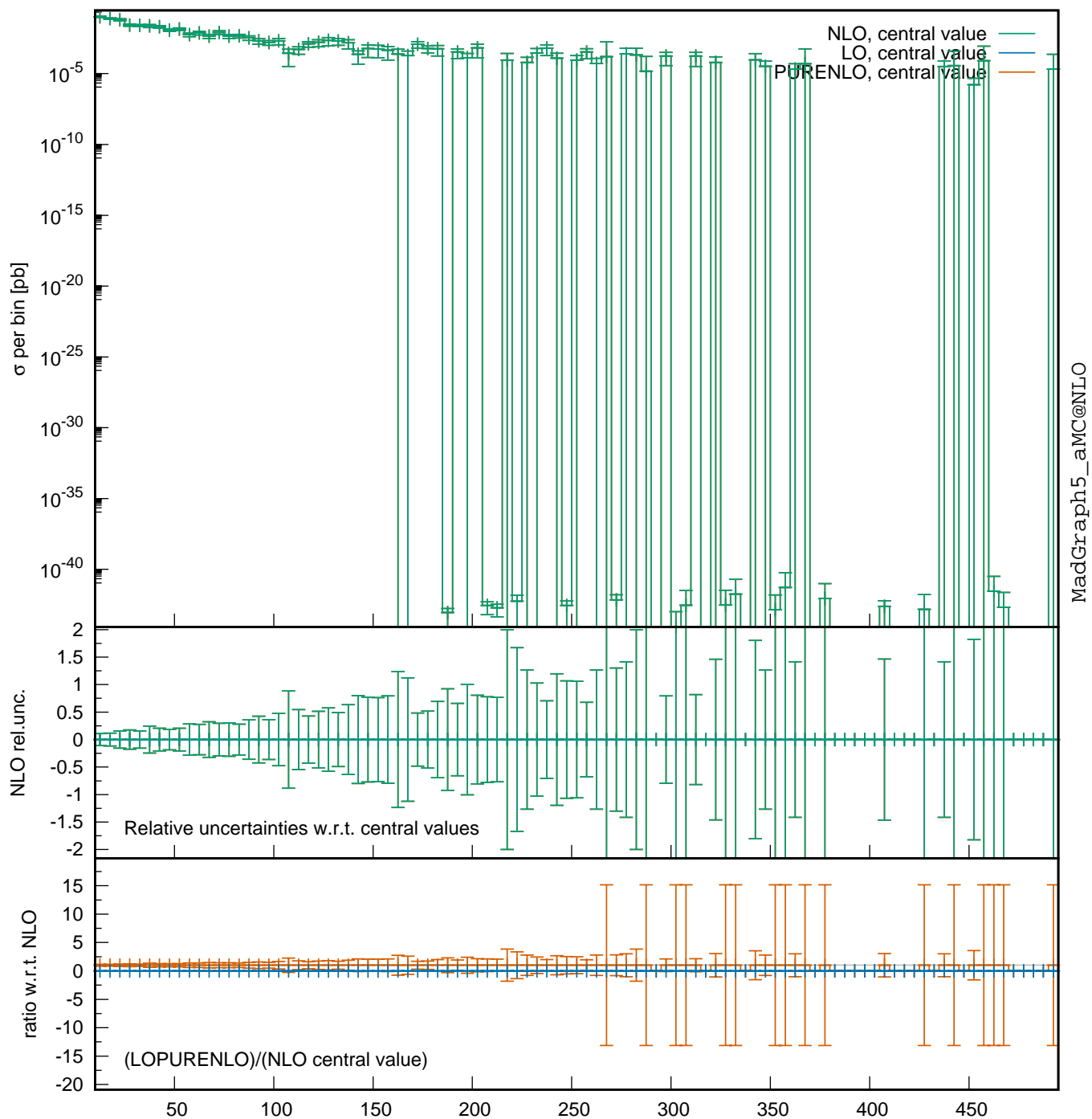


Inc j pT,abs(y<sub>lj</sub>)<2

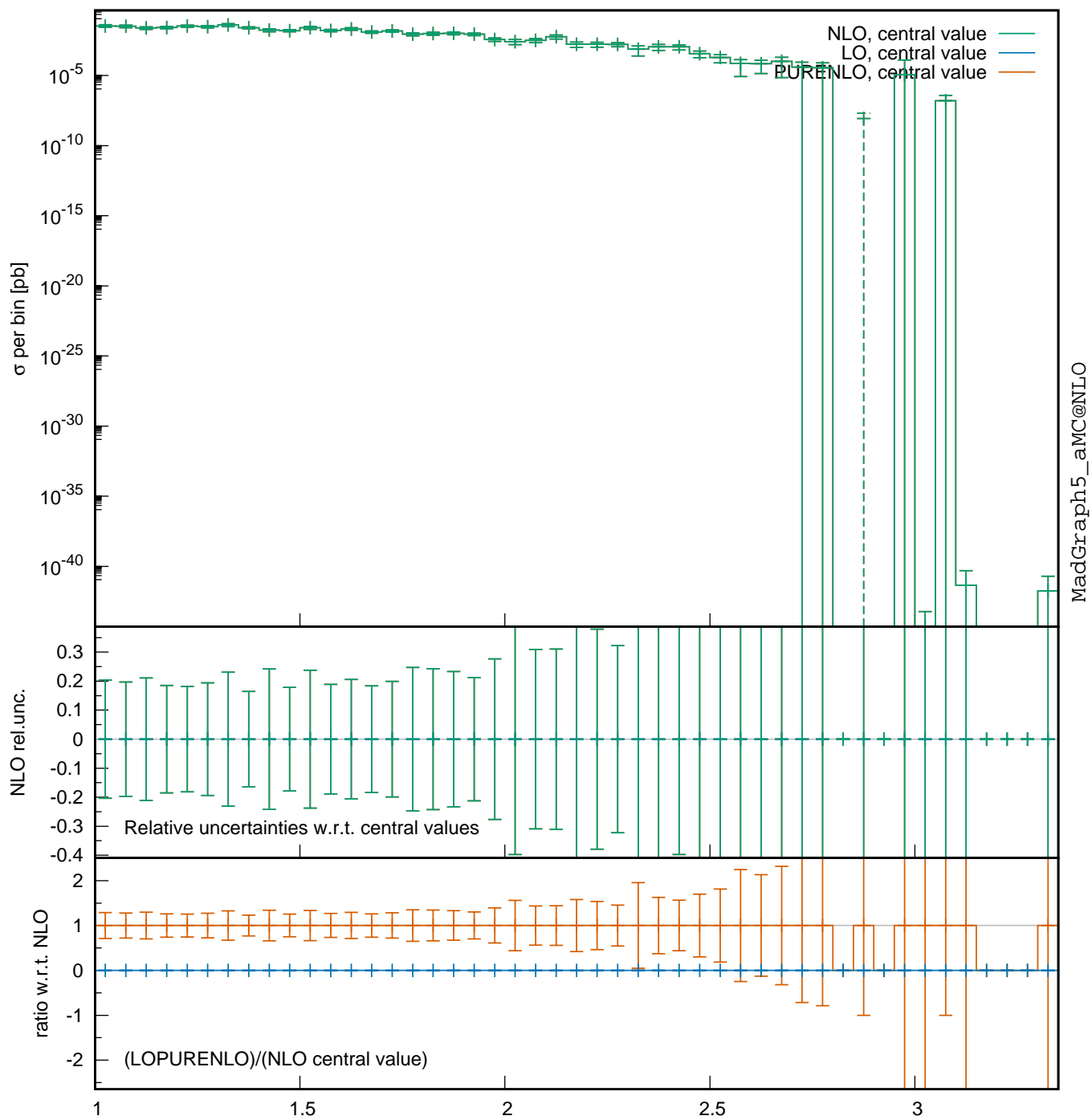




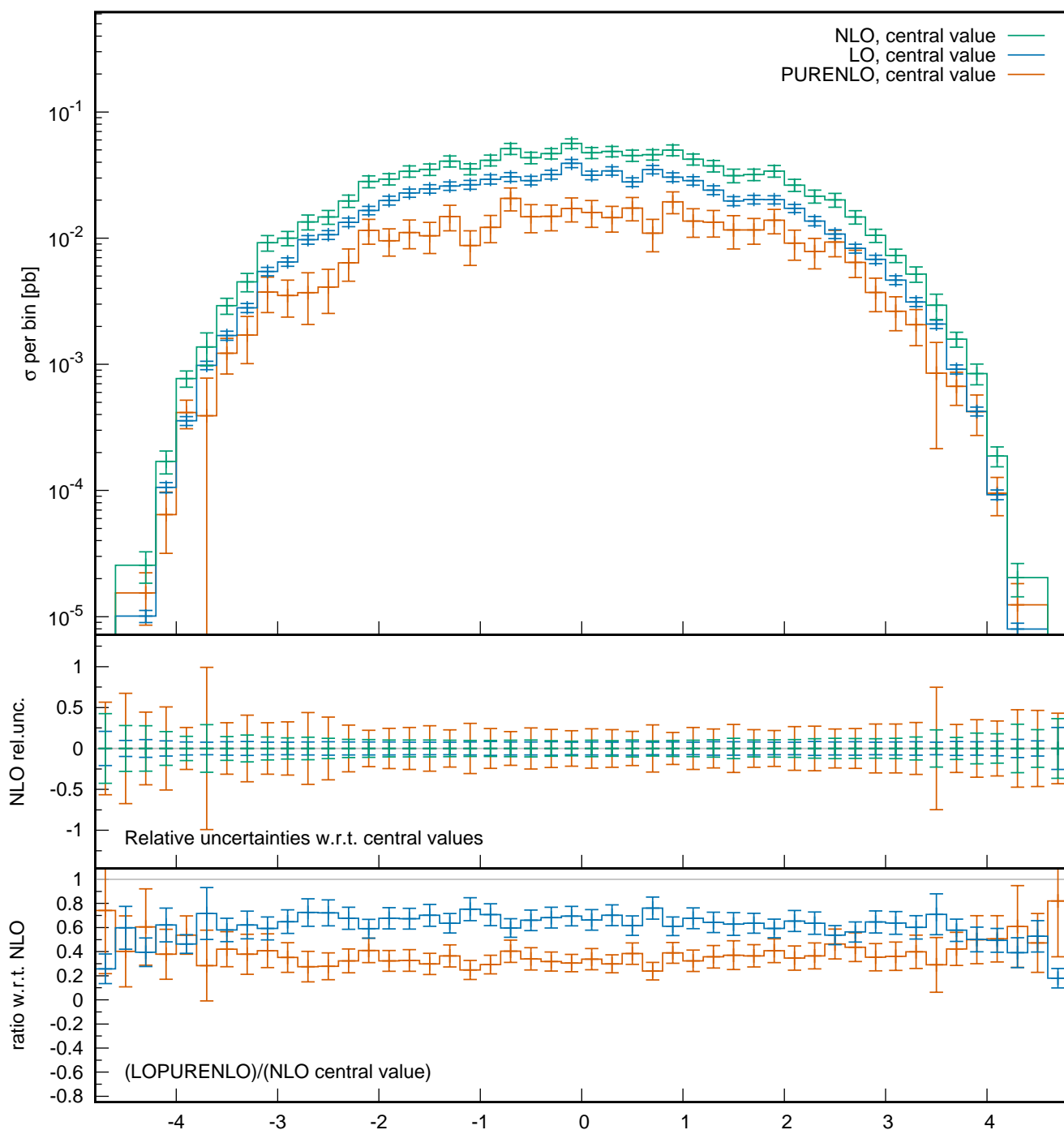
Inc j pT,abs(y<sub>lj</sub>)<2



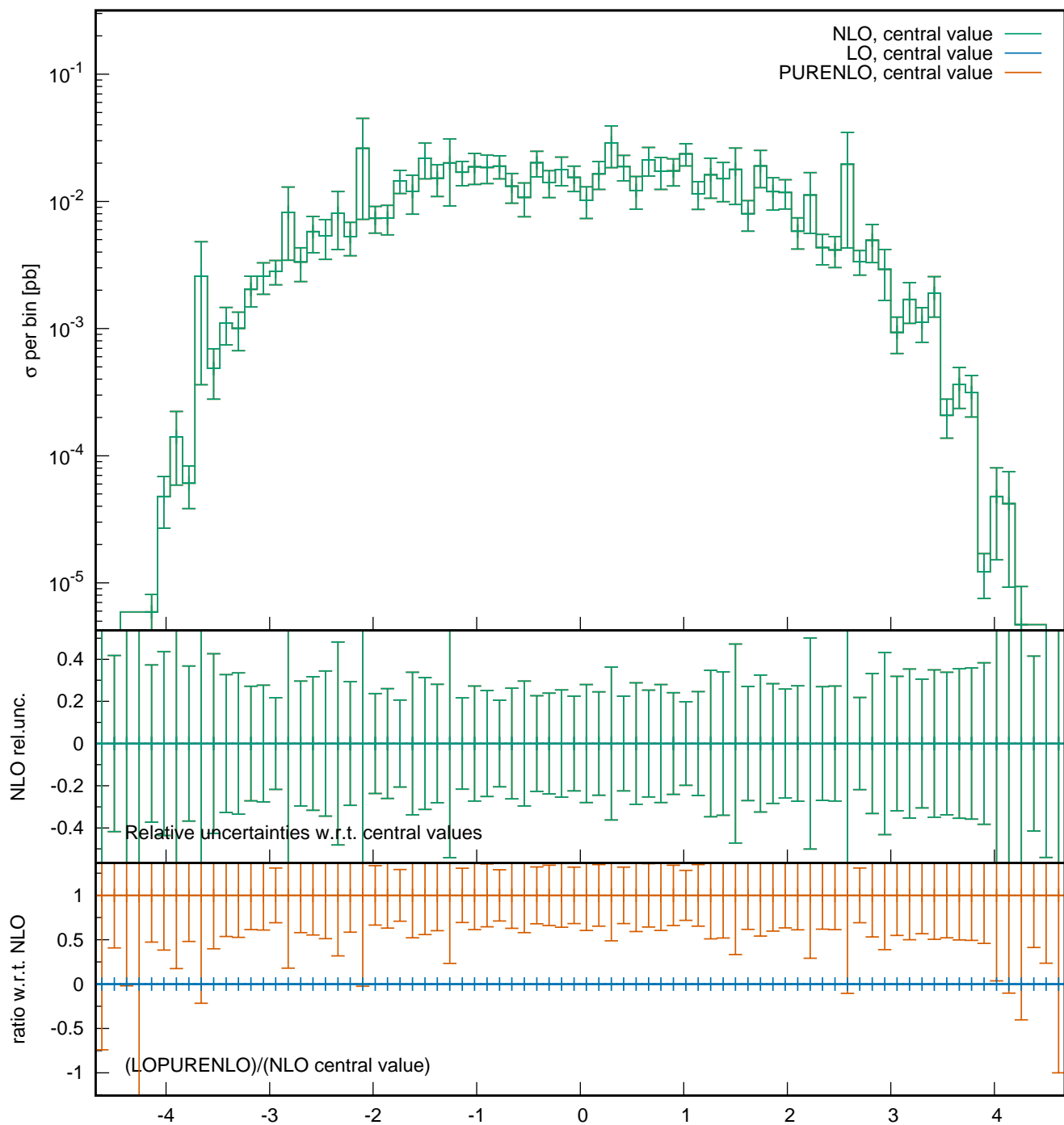
Inc j log[pT],abs(y<sub>lj</sub>)<2



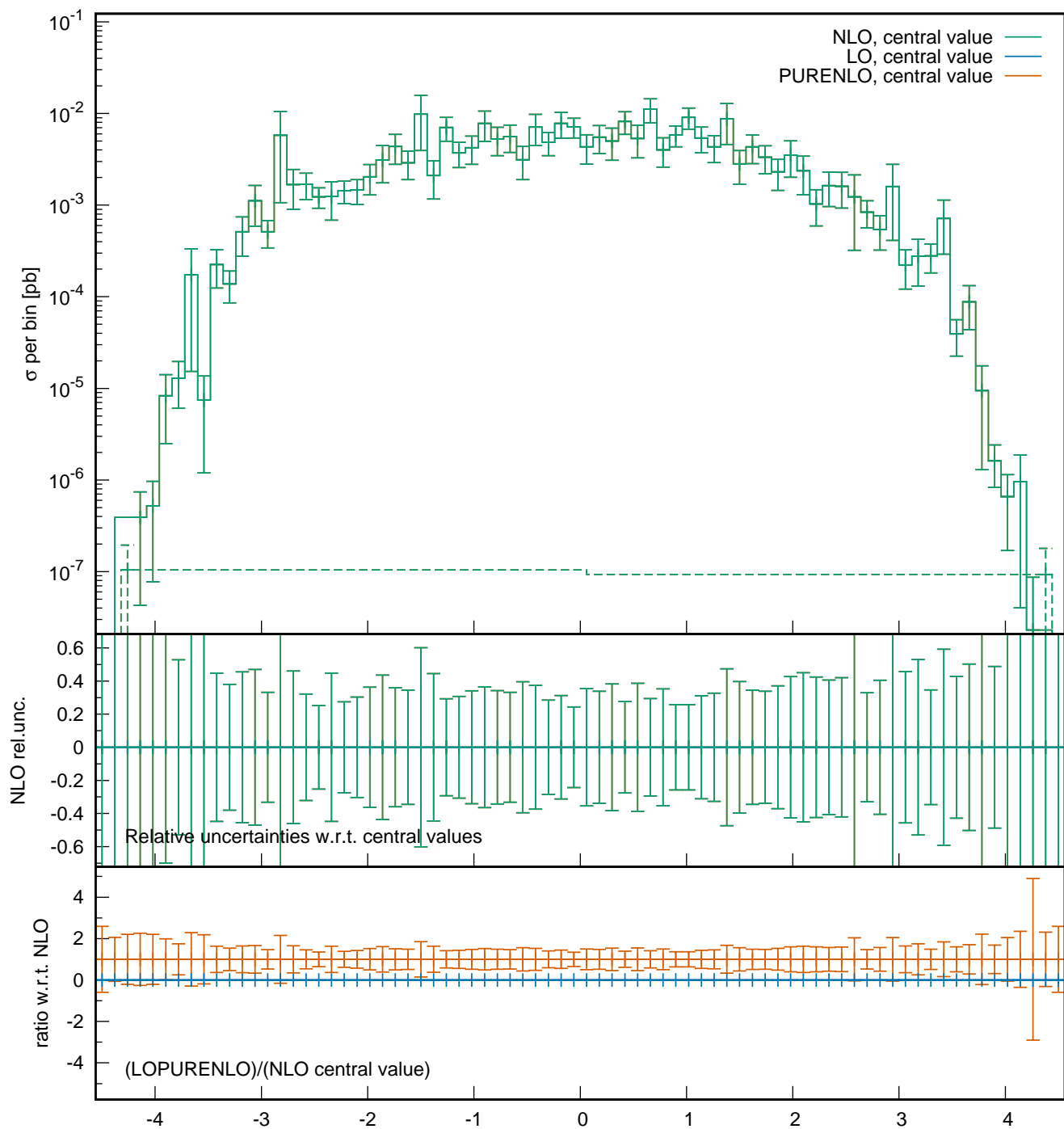
# Higgs $\gamma$



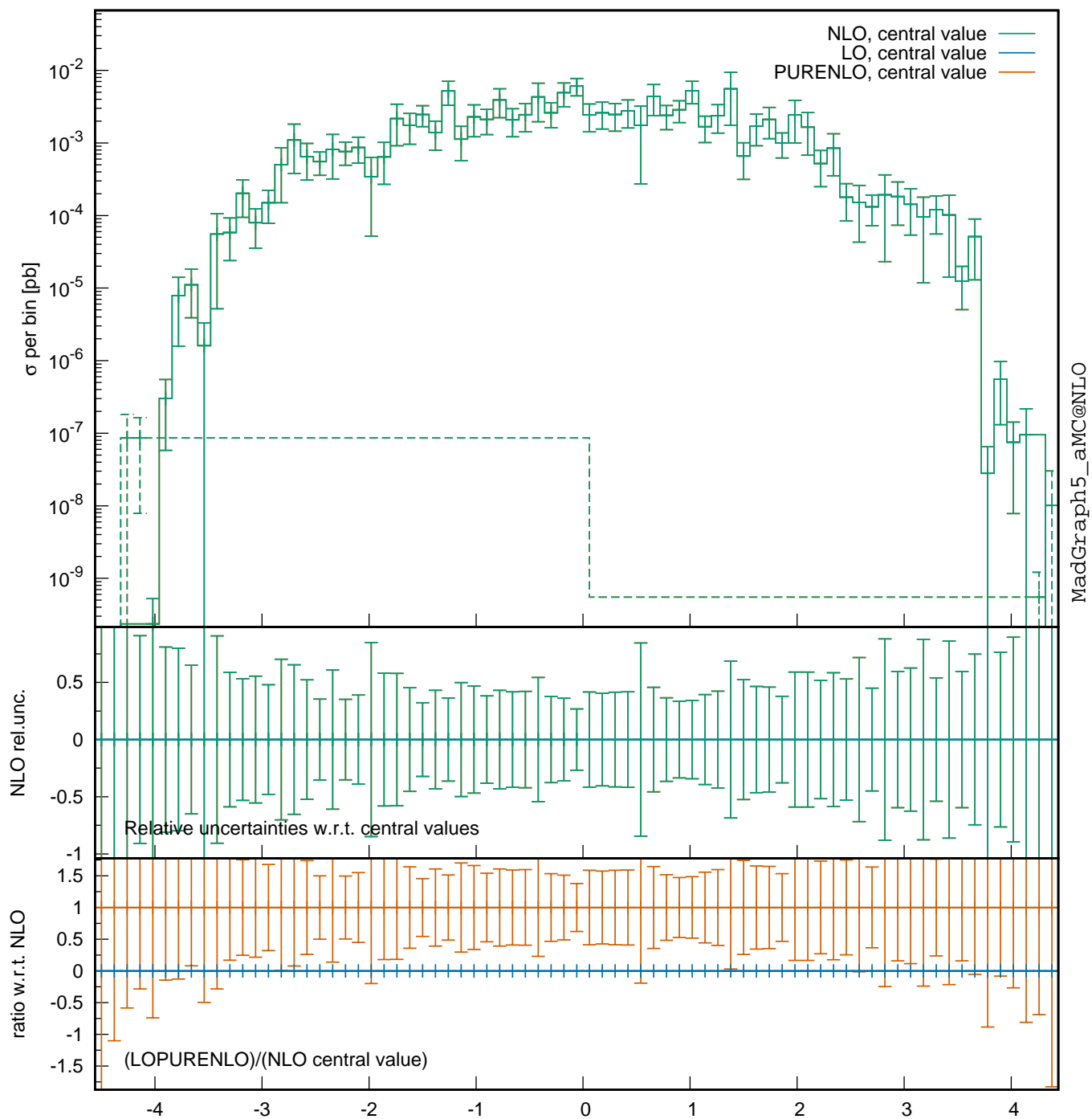
Higgs  $y, p_{T_H} > 10\text{GeV}$



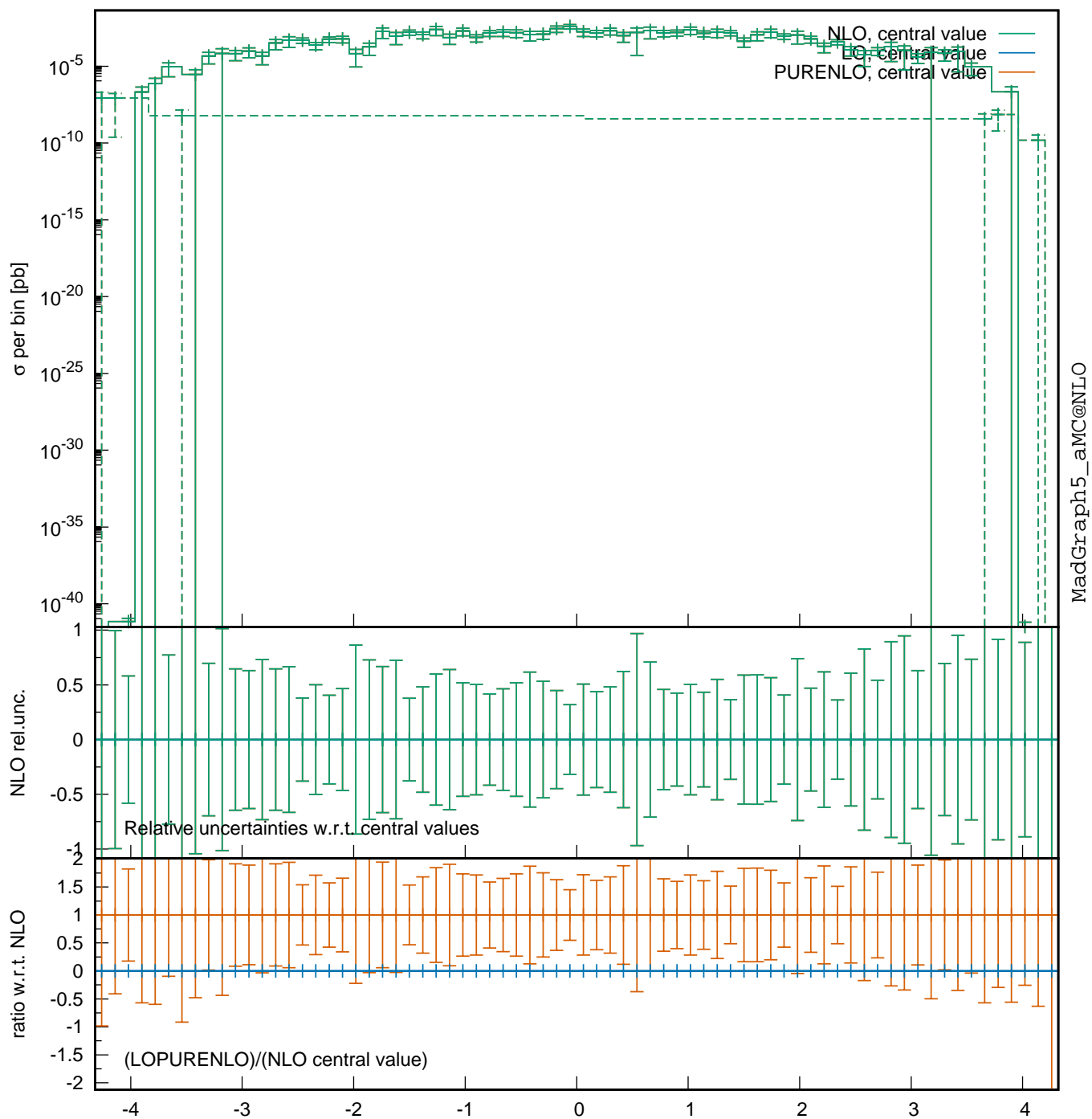
# Higgs $y, p_{T_H} > 30\text{GeV}$



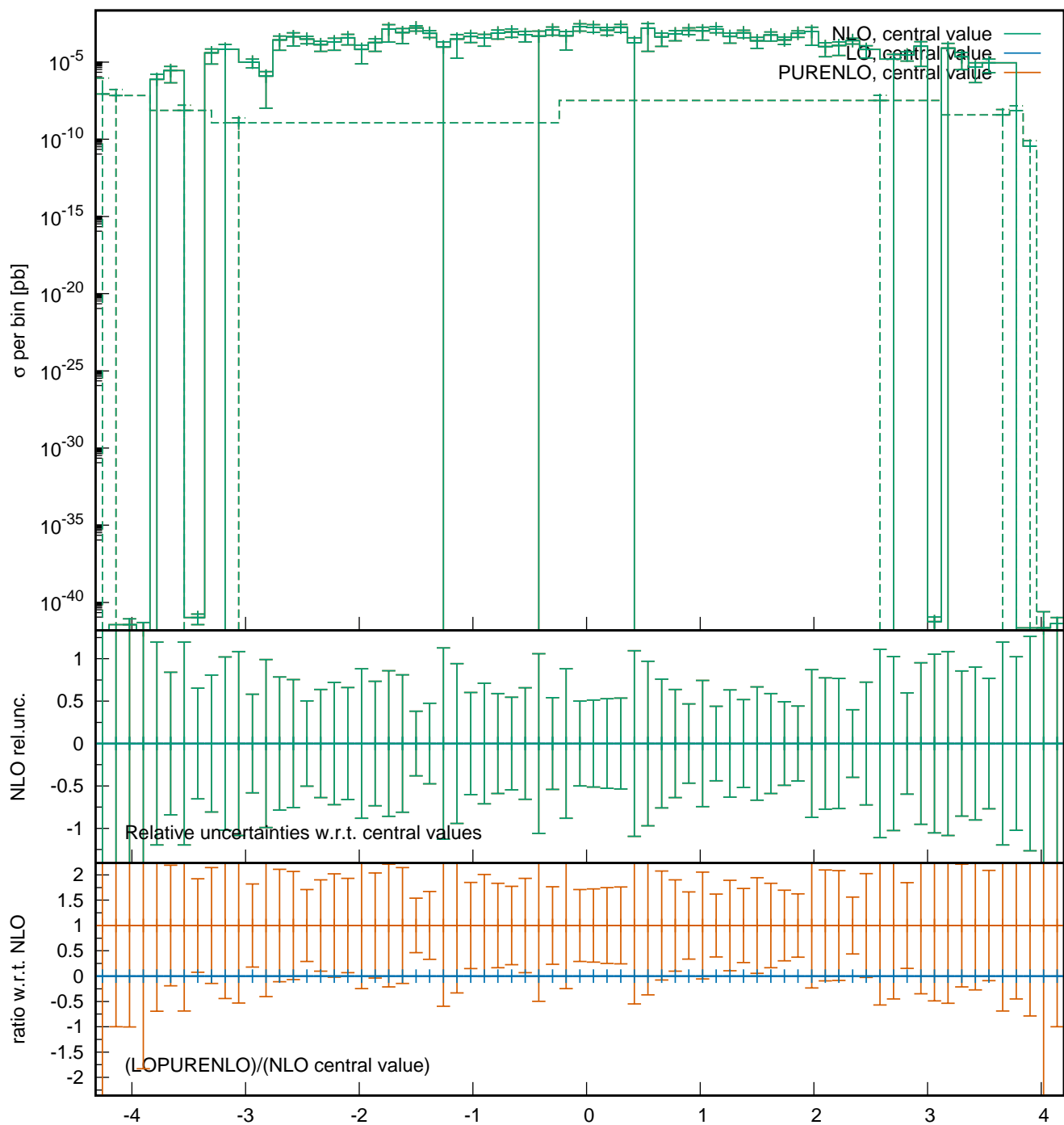
# Higgs $y, p_{T_H} > 50 \text{ GeV}$



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

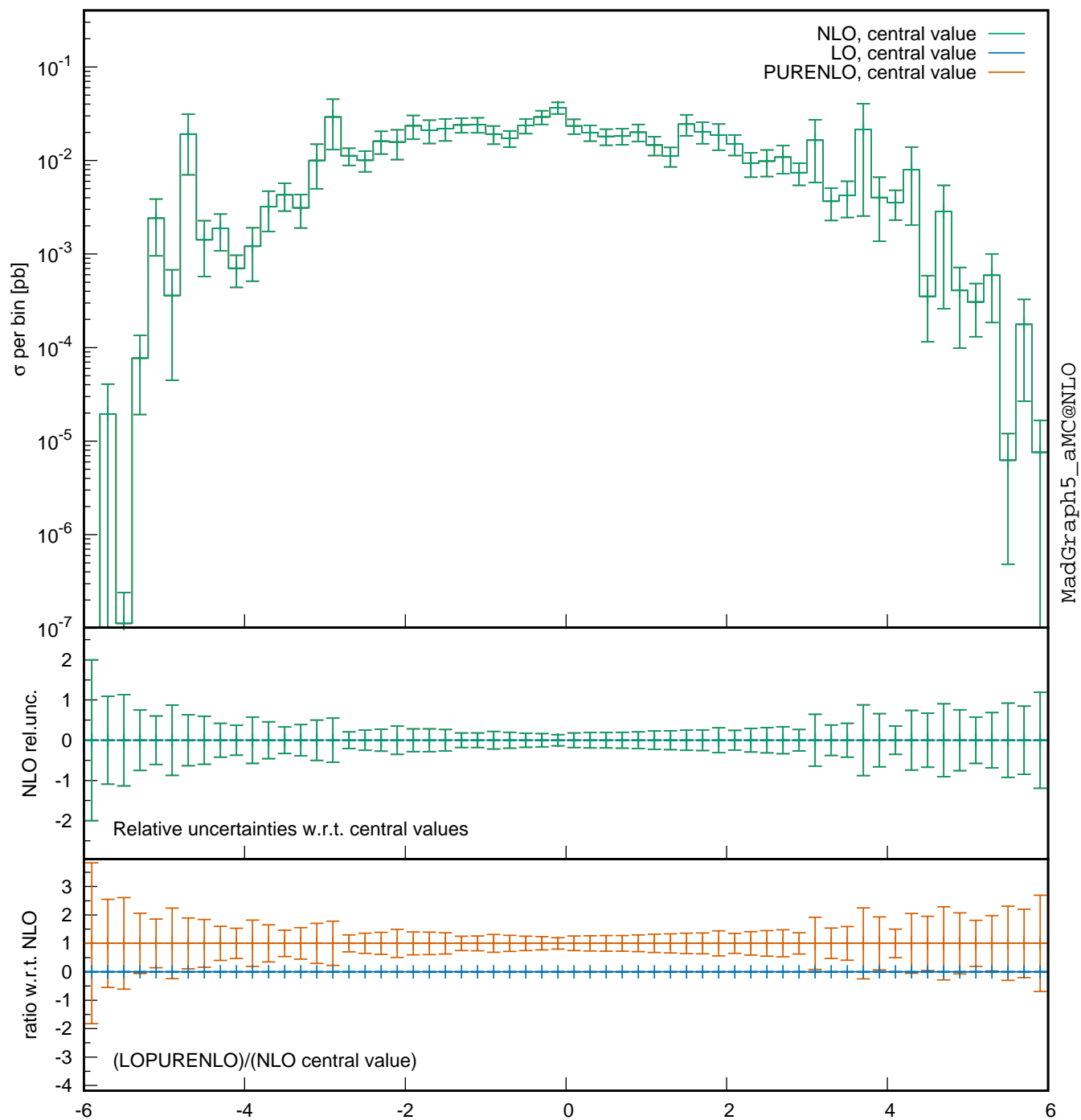


# Higgs $y, p_{T,H} > 90 \text{ GeV}$

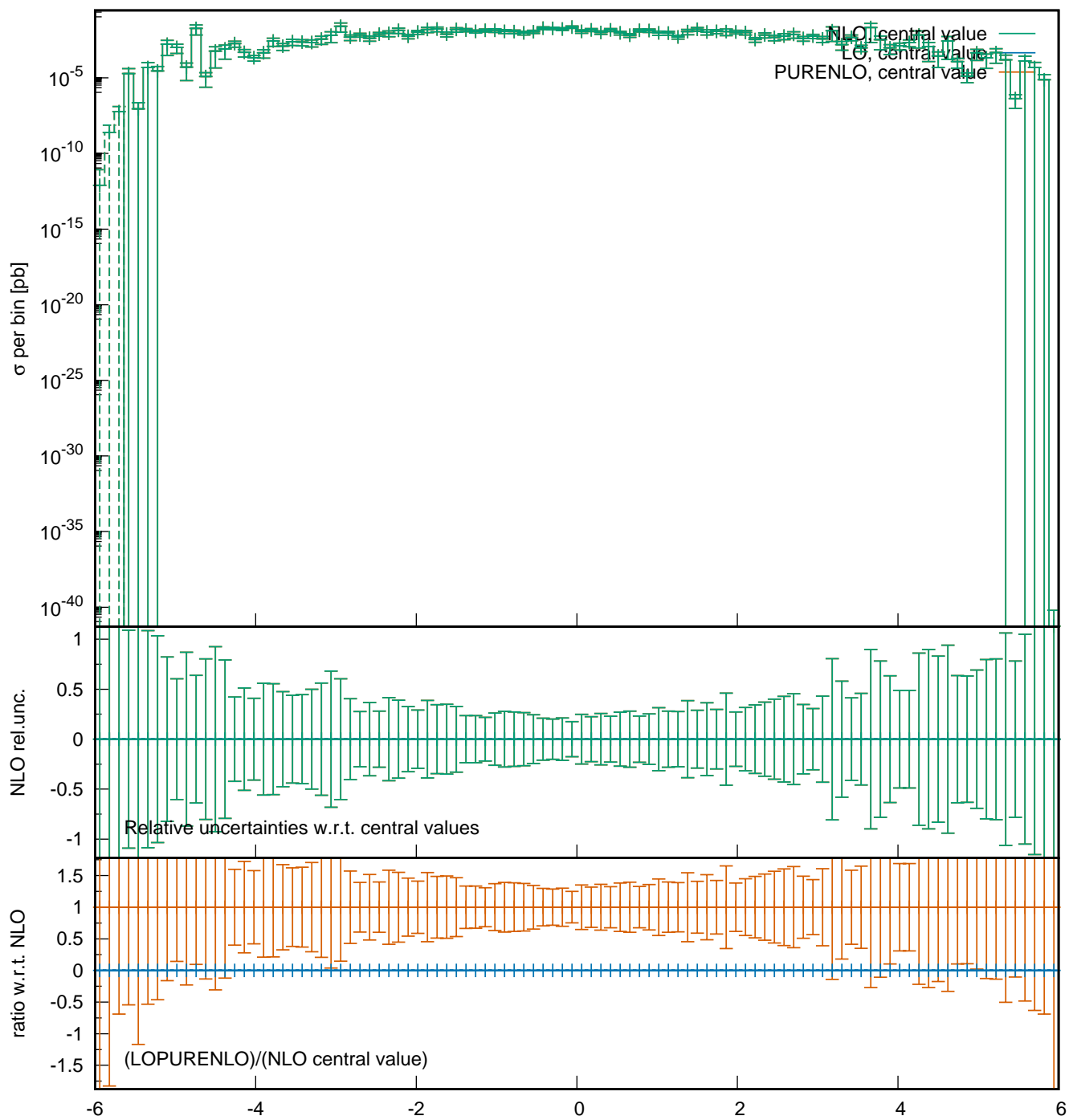




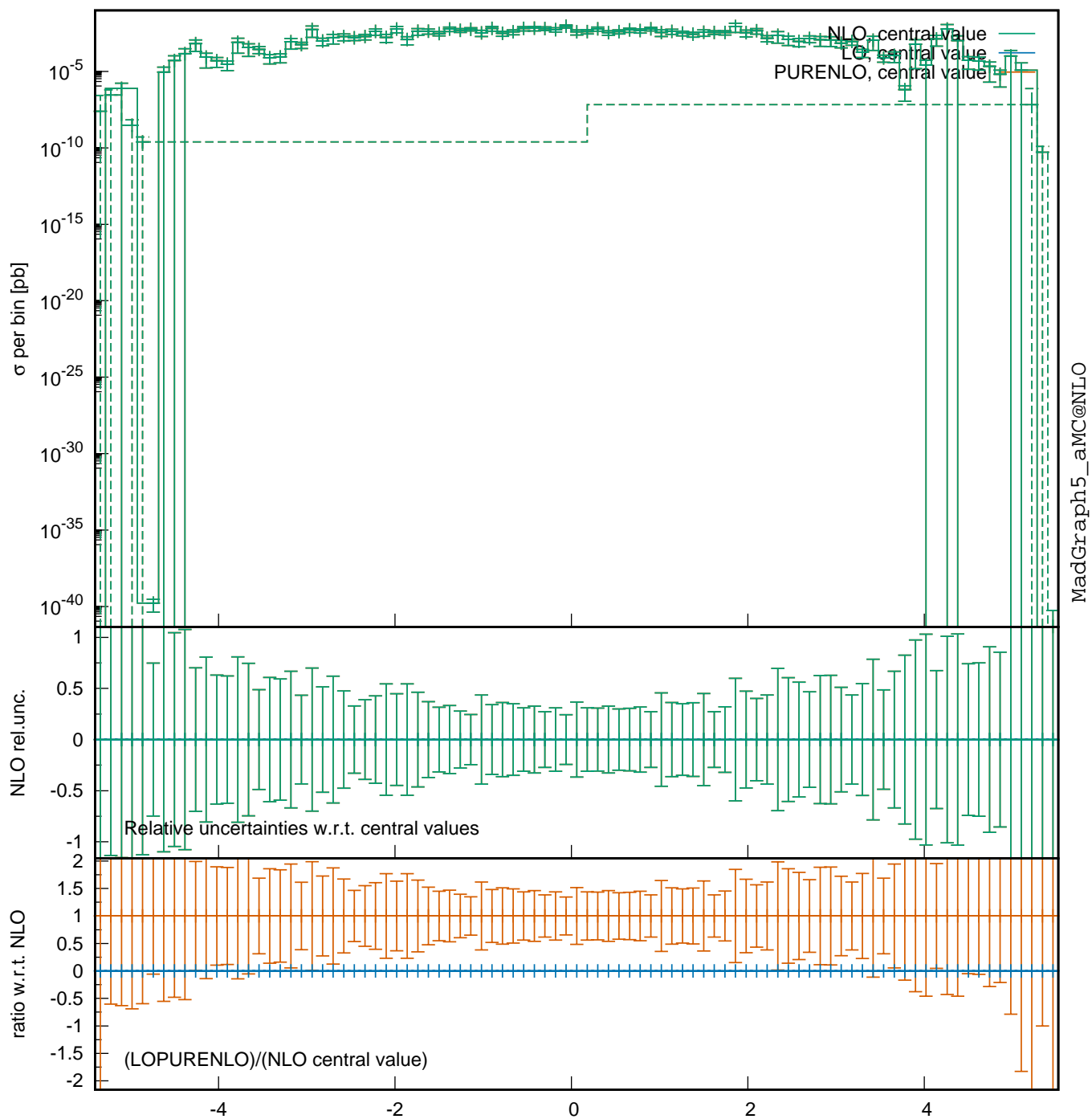
j1 y



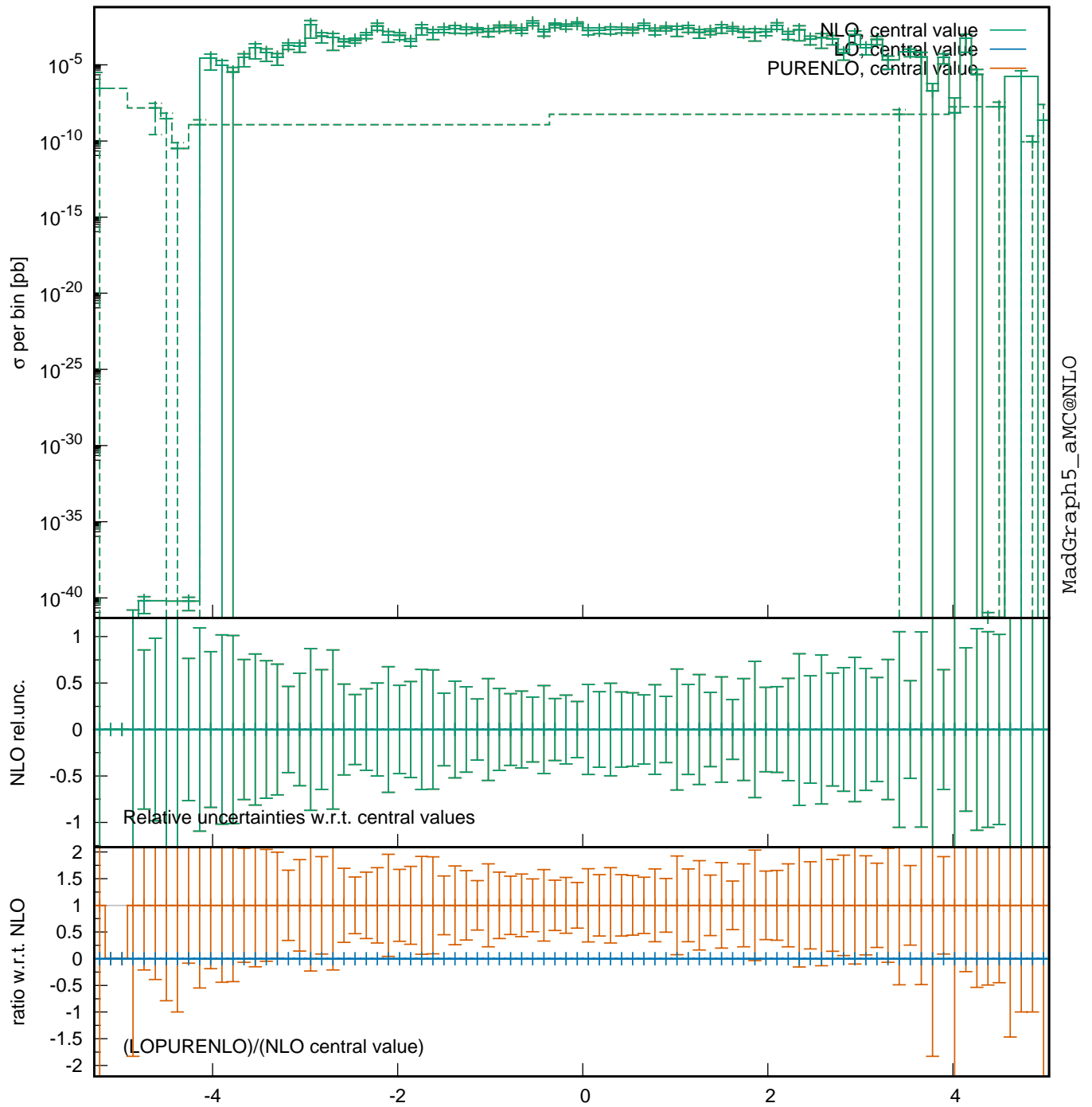
j1 y, pT<sub>j1</sub> > 10 GeV



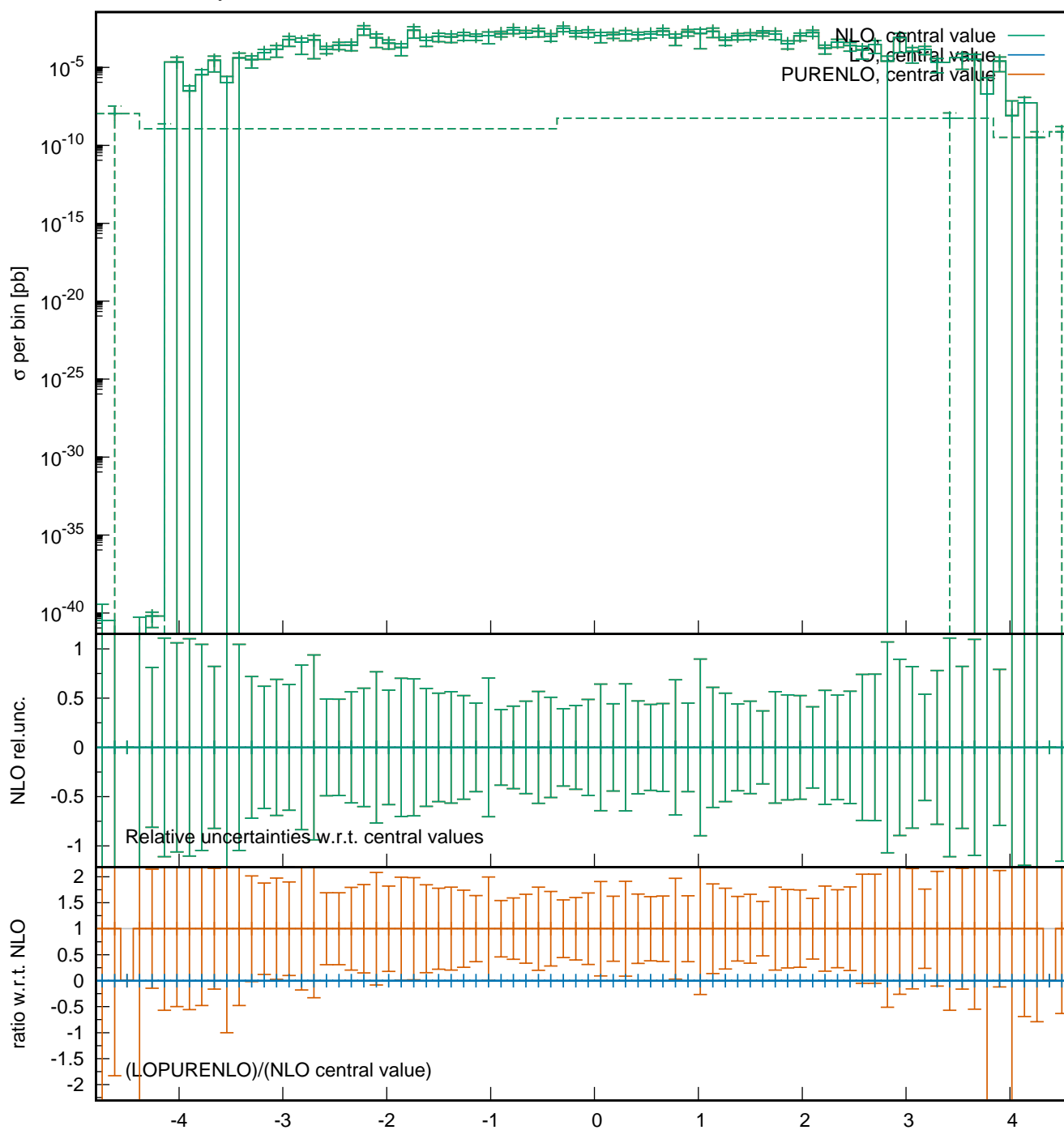
j1 y, pT<sub>j1</sub> > 30 GeV



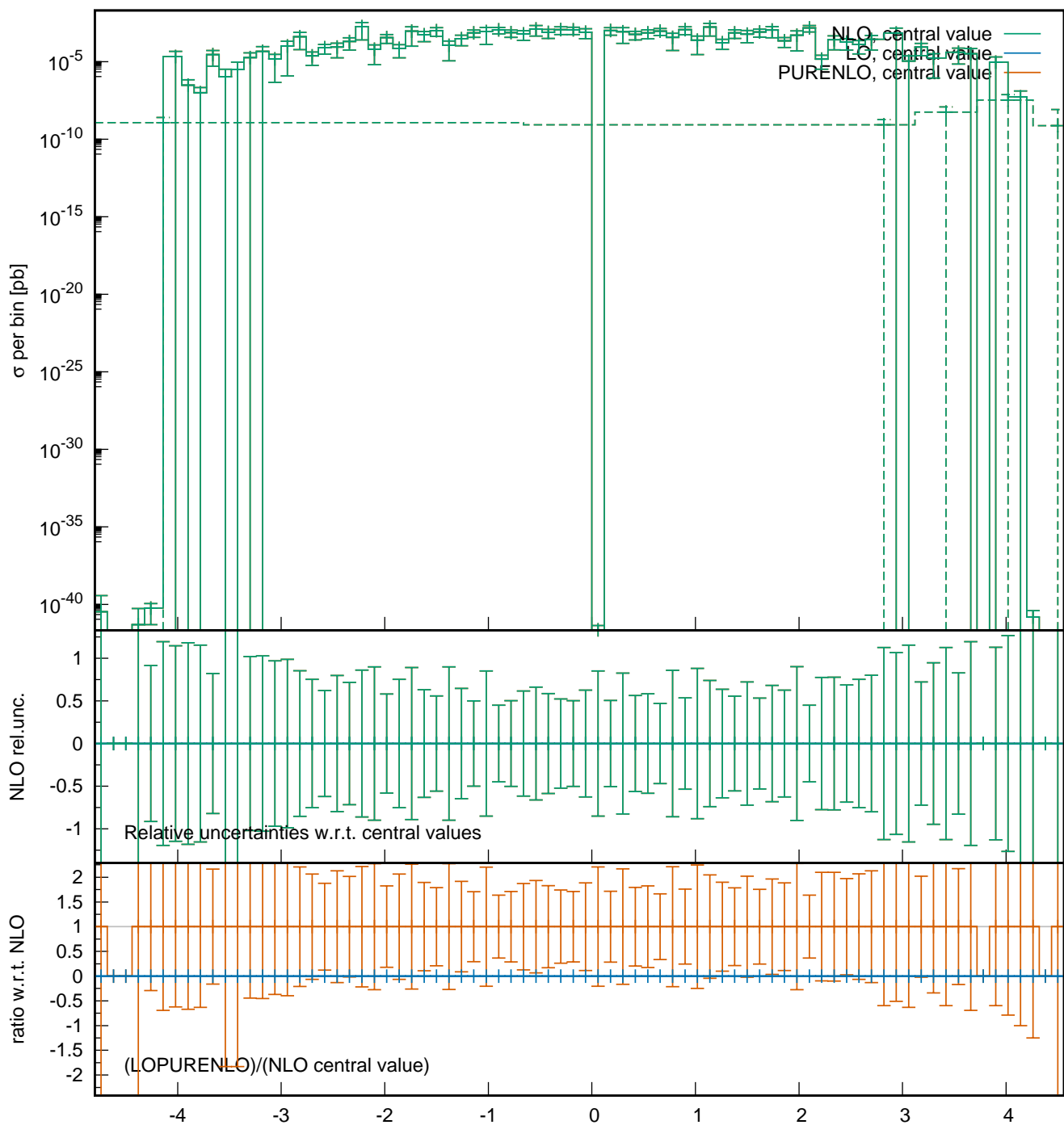
j1 y, pTj1 > 50 GeV



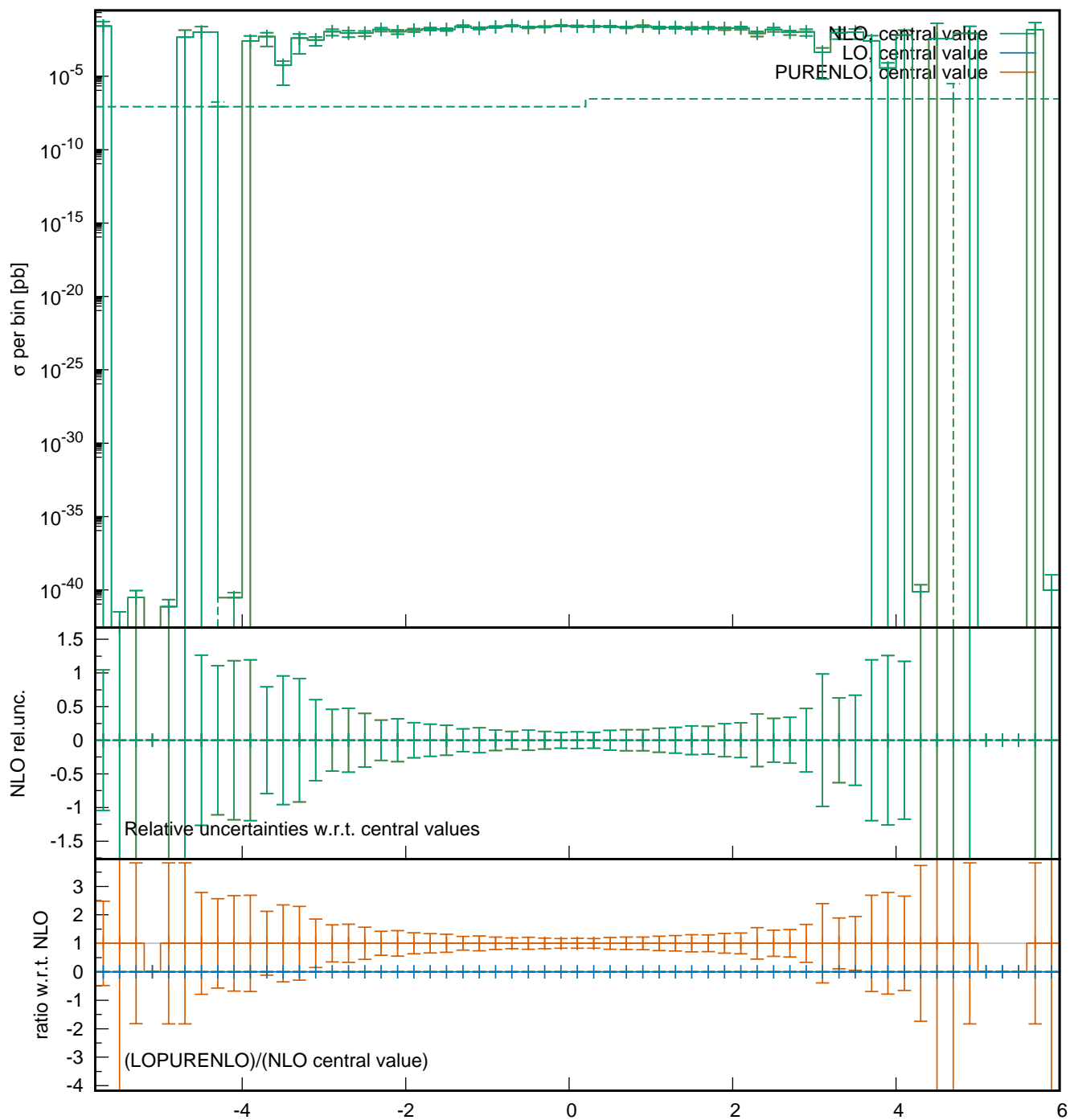
j1 y, pTj1 > 70 GeV



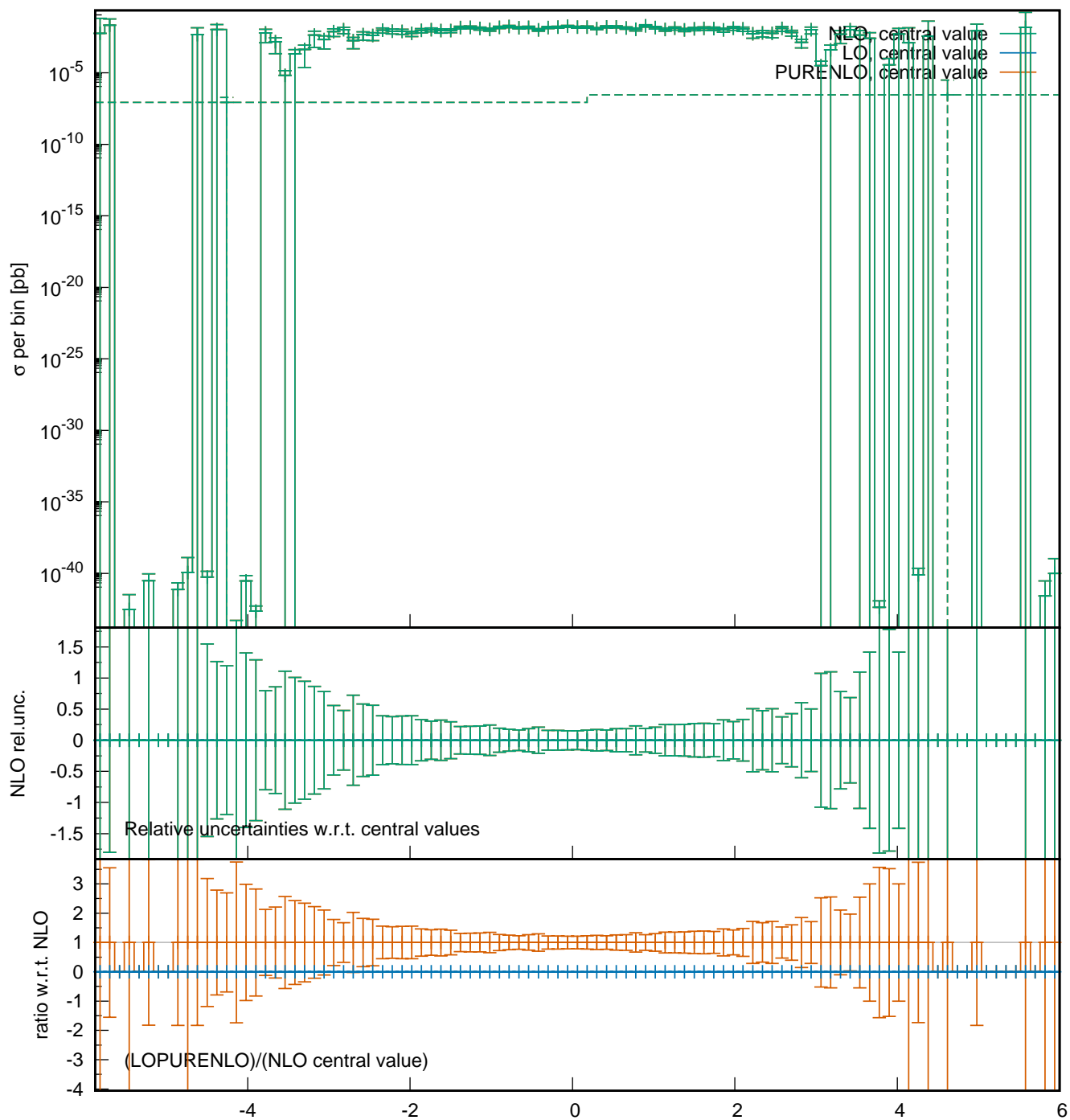
j1 y, pT,j1 > 90 GeV



H-j1 y

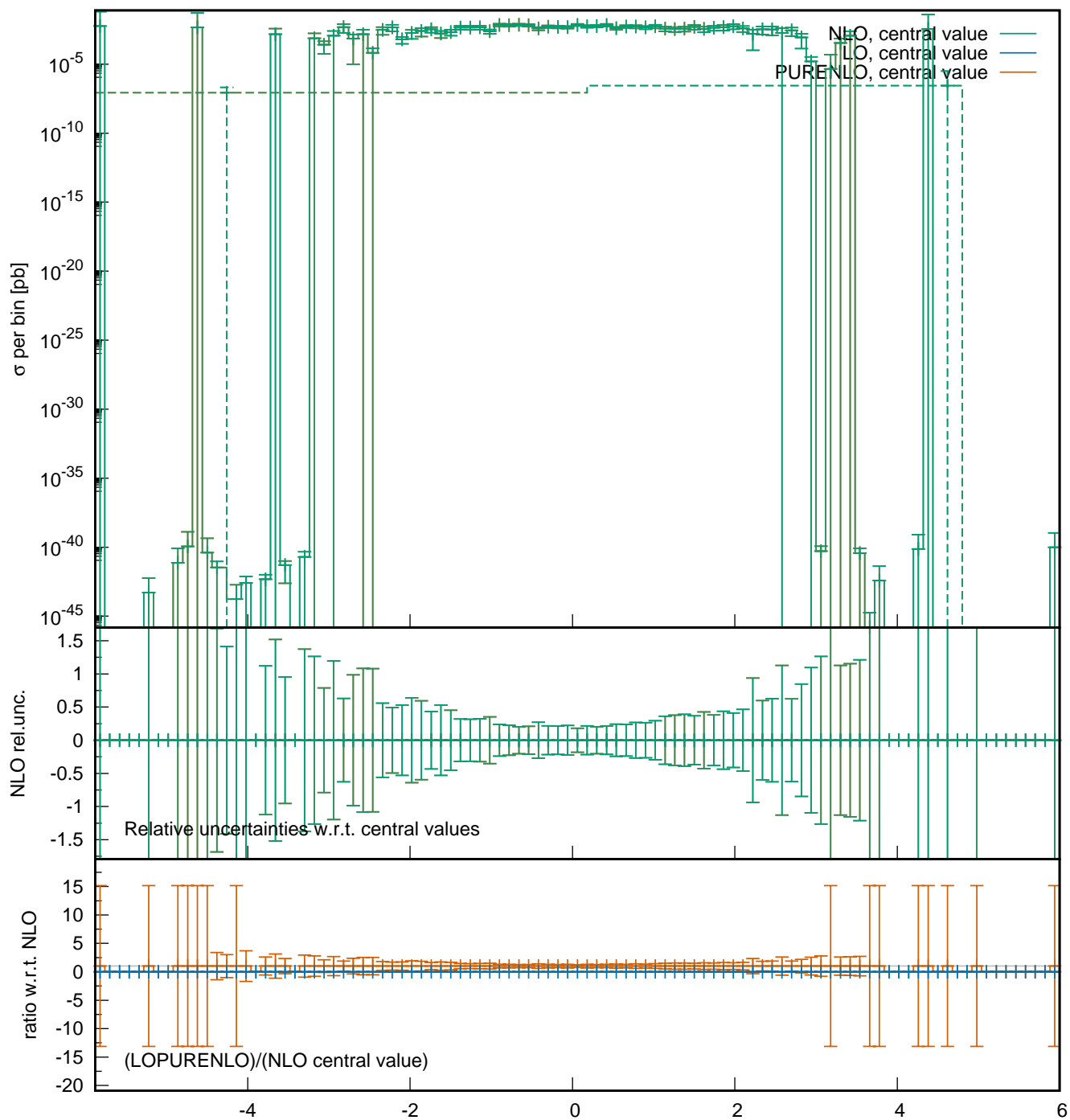


H-j1  $y, p_{Tj1} > 10\text{GeV}$

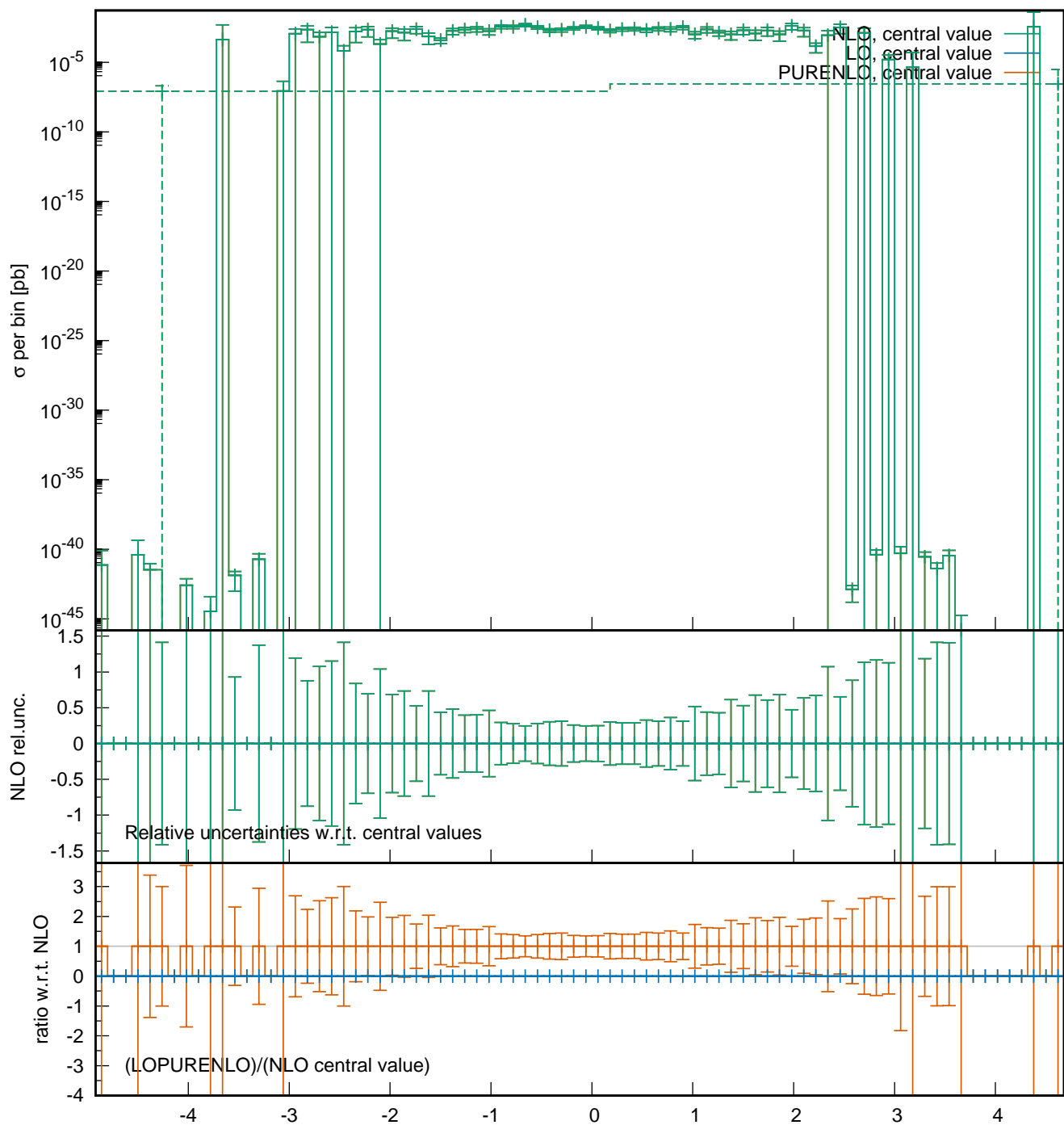




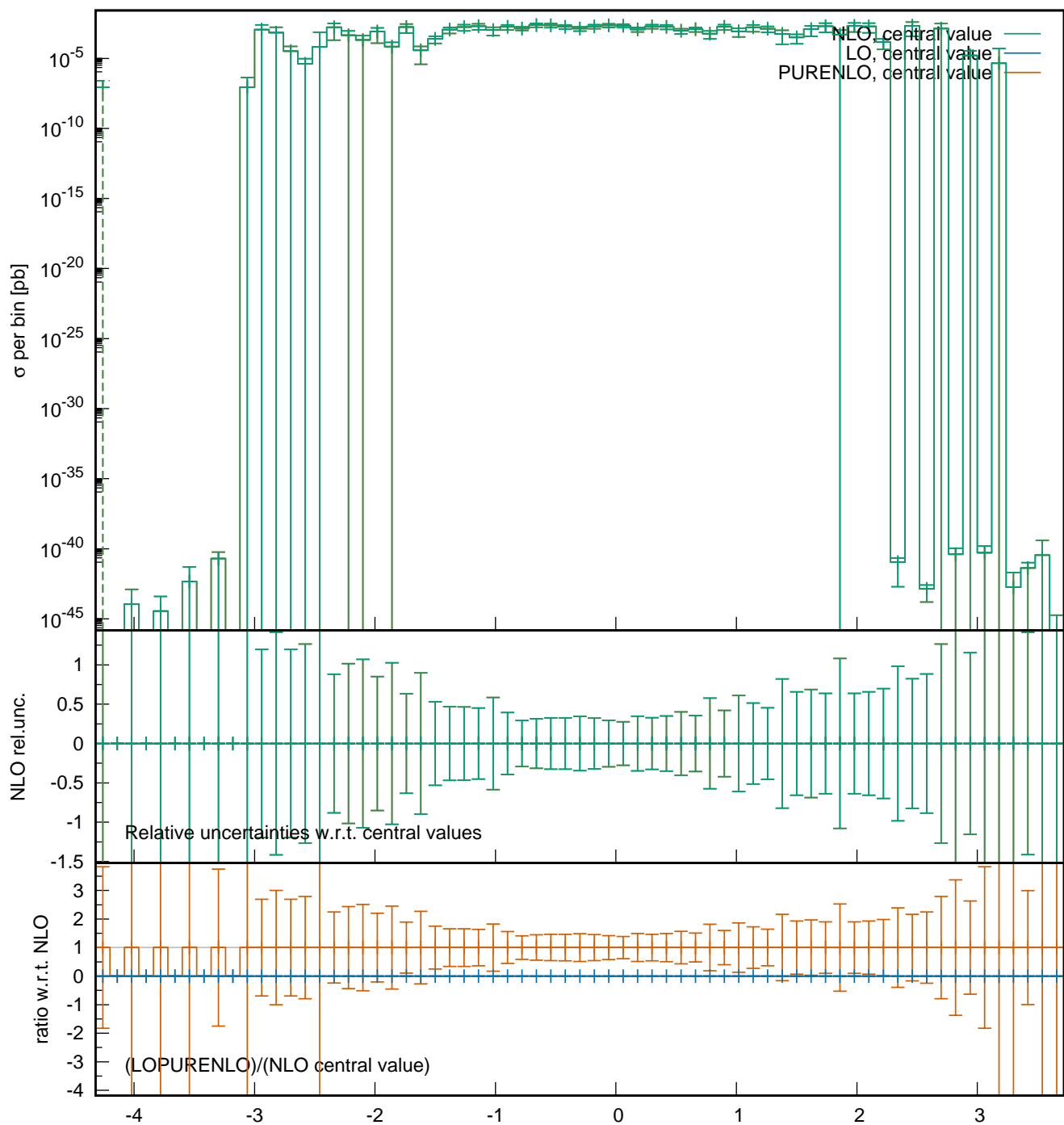
H-j1  $y, p_{Tj1} > 30 \text{ GeV}$



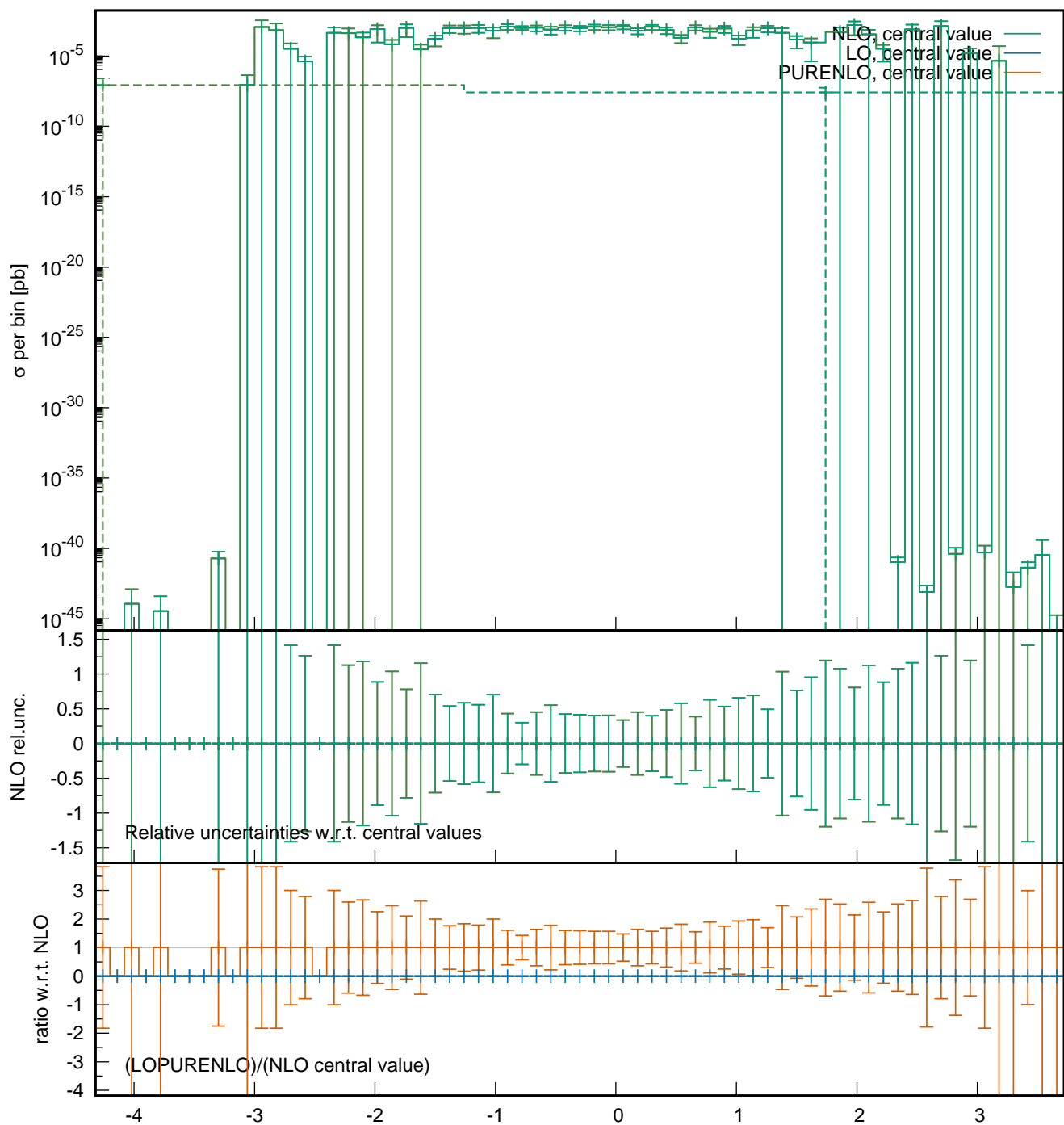
H-j1  $y, p_{Tj1} > 50 \text{ GeV}$



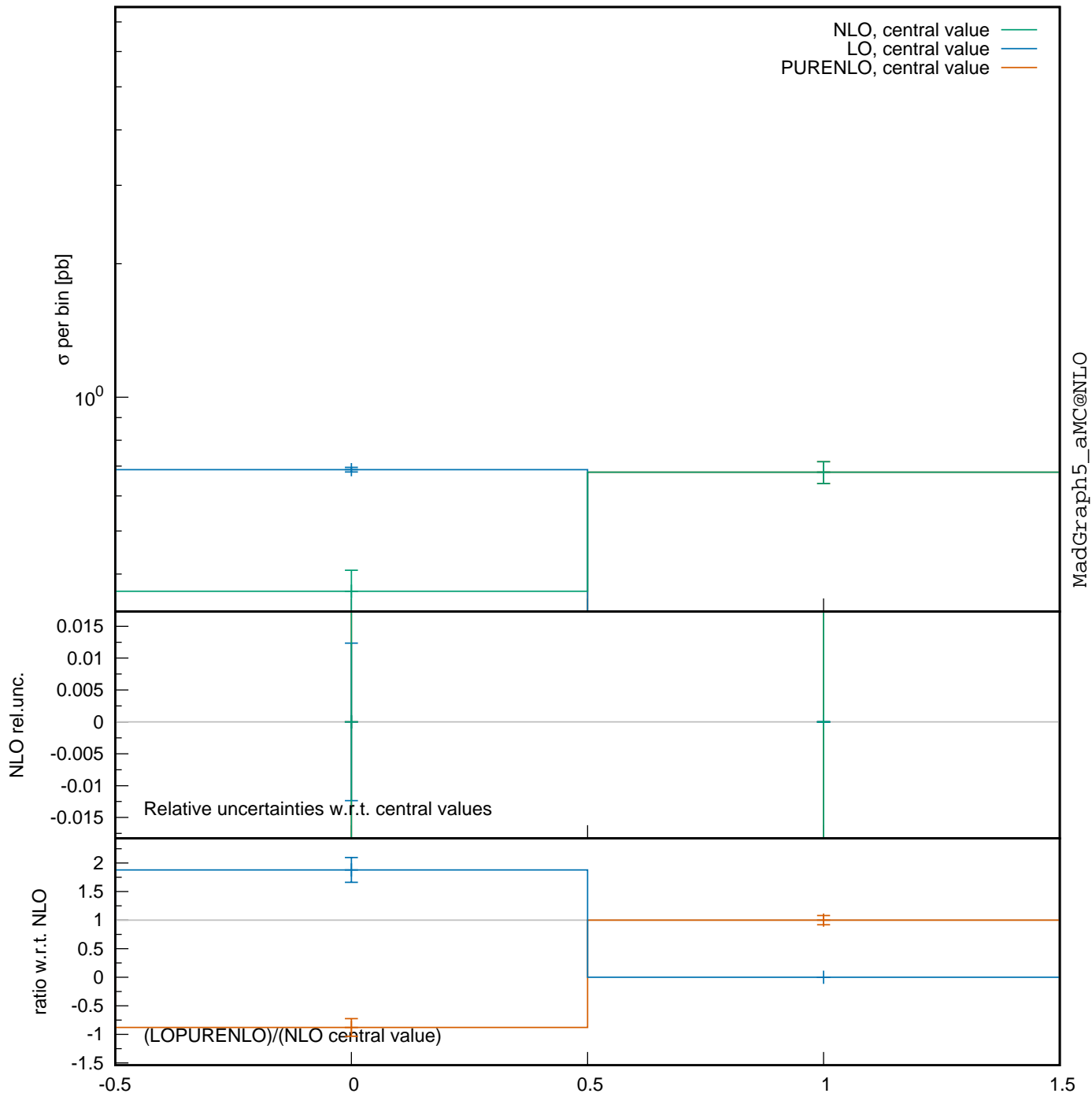
H-j1  $y, p_{Tj1} > 70 \text{ GeV}$



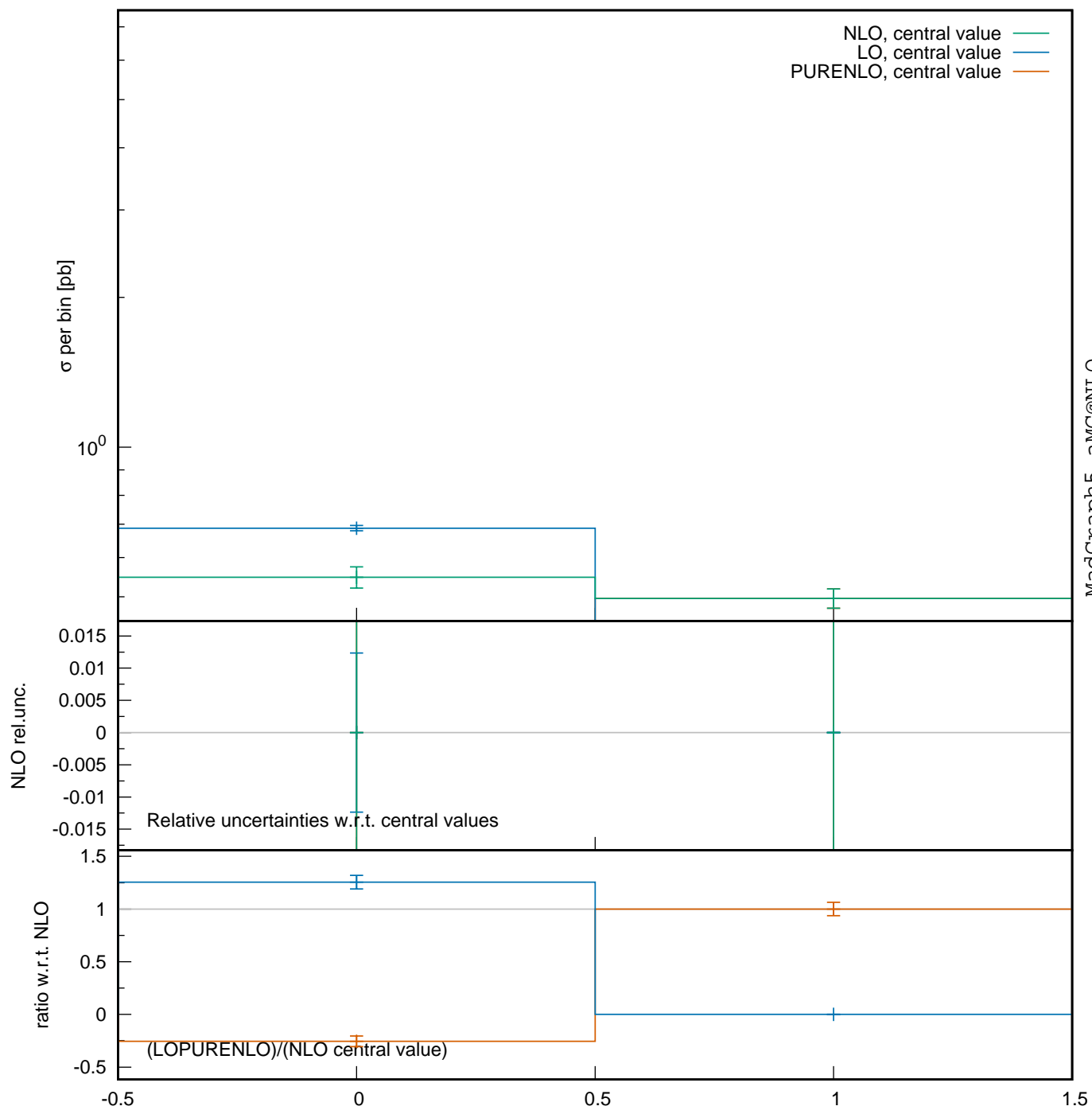
H-j1 y,  $p_{Tj1} > 90 \text{ GeV}$



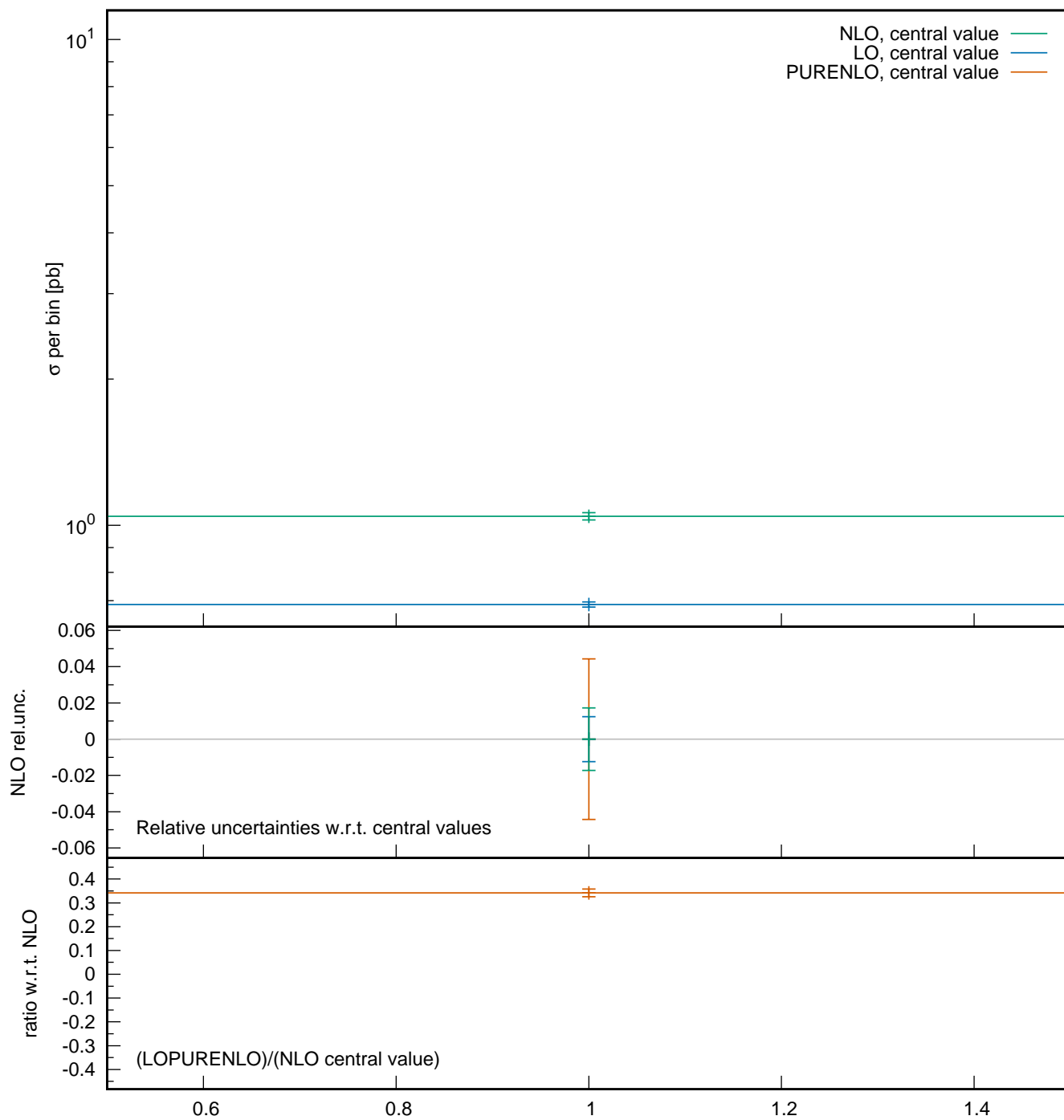
njets



njets,abs(y<sub>j</sub>)<2.5



xsec



# total rate

