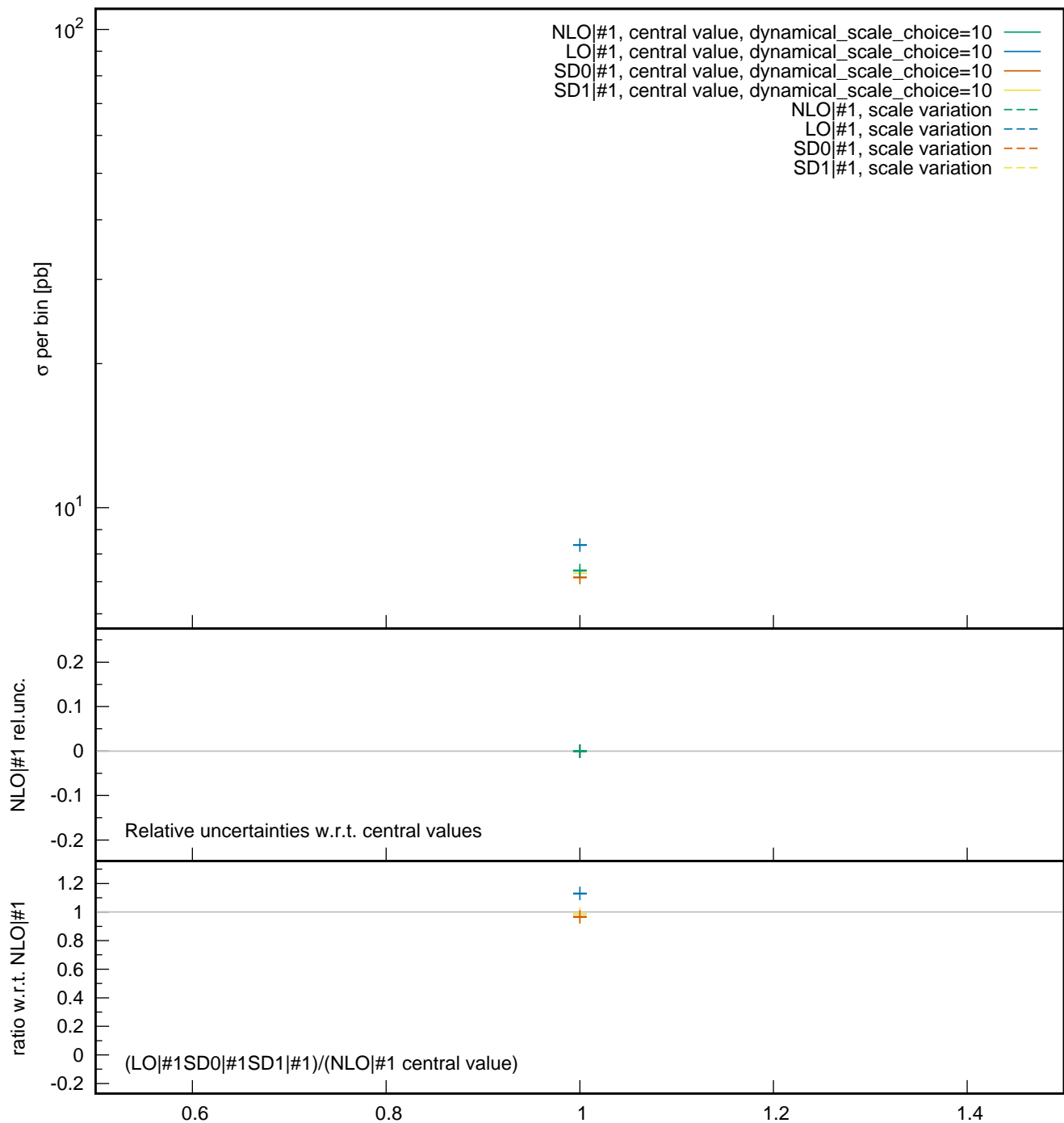


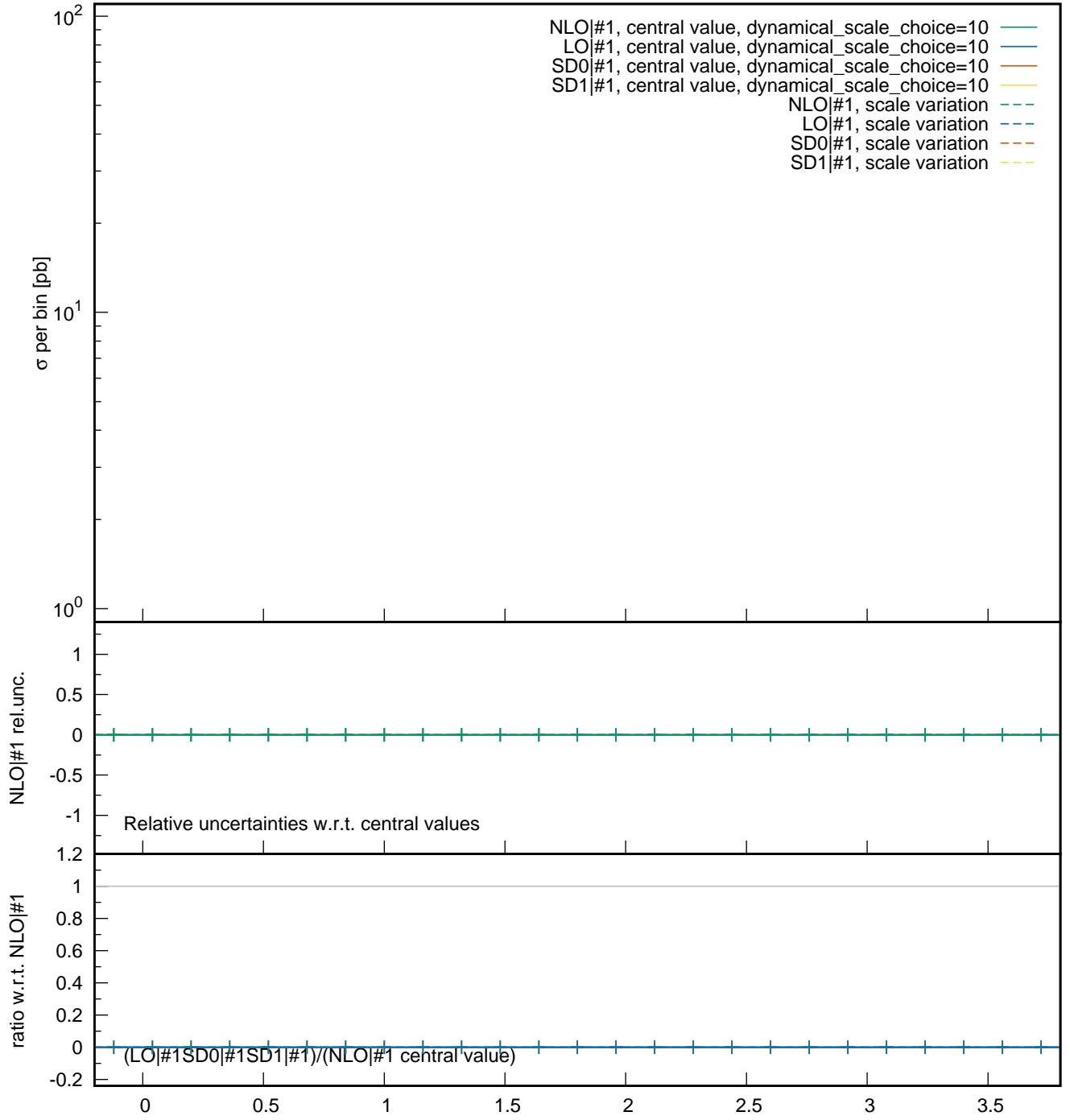
# total rate



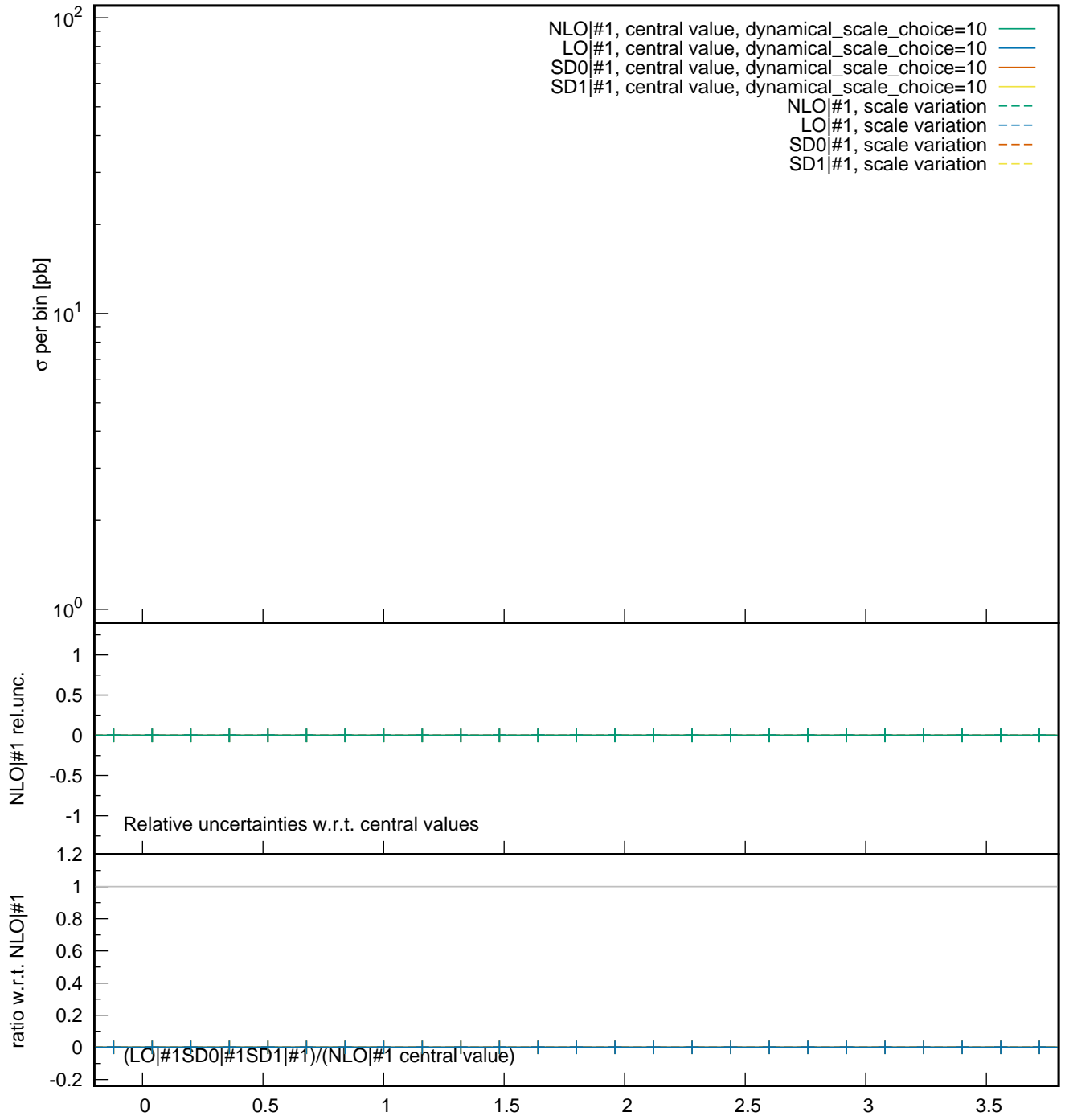
# 1st charged lepton log pT



# 2nd charged lepton log pT



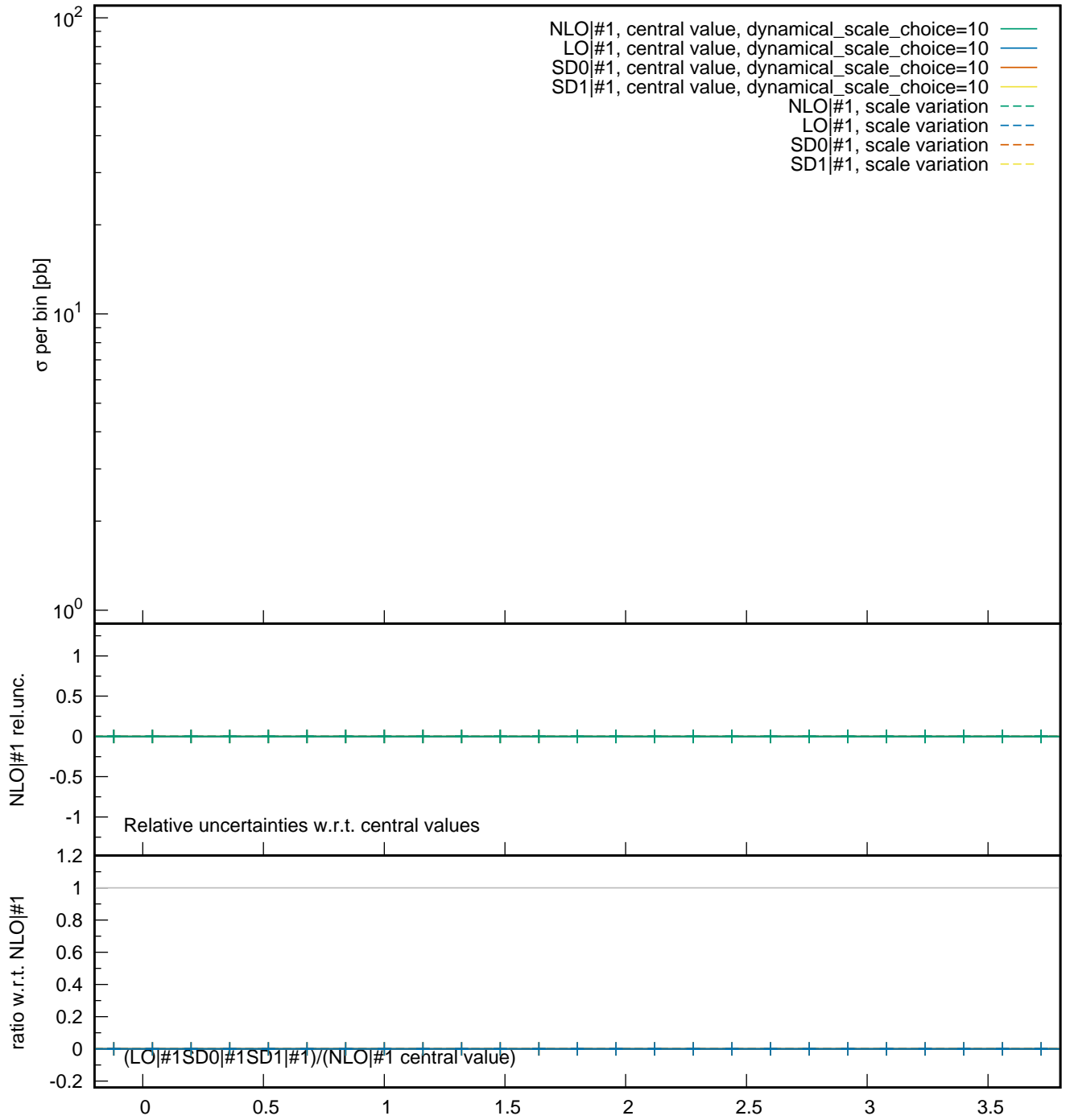
# 3rd charged lepton log pT



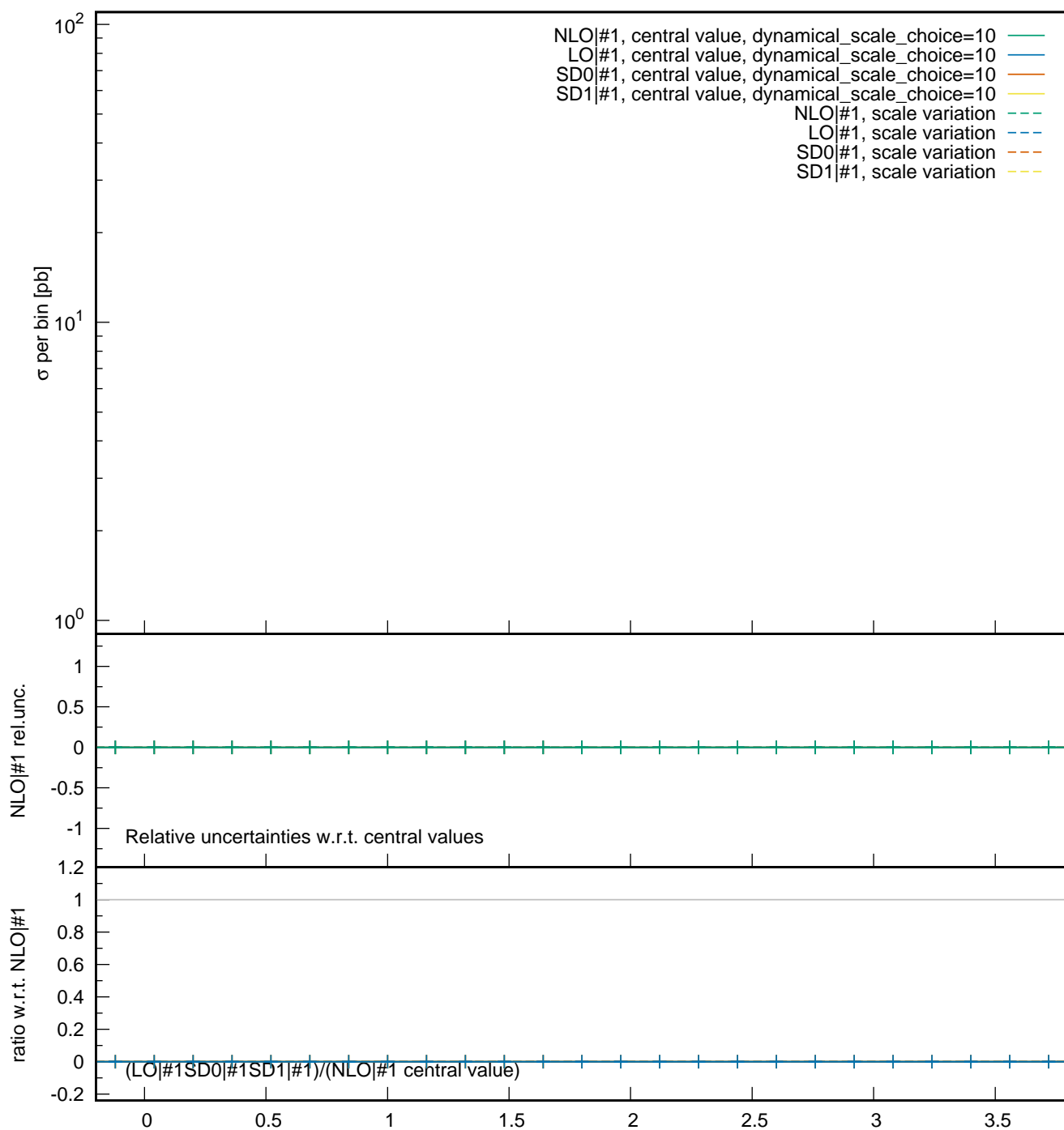
# 4th charged lepton log pT



electron log pT



positron log pT



# mu-plus log pT

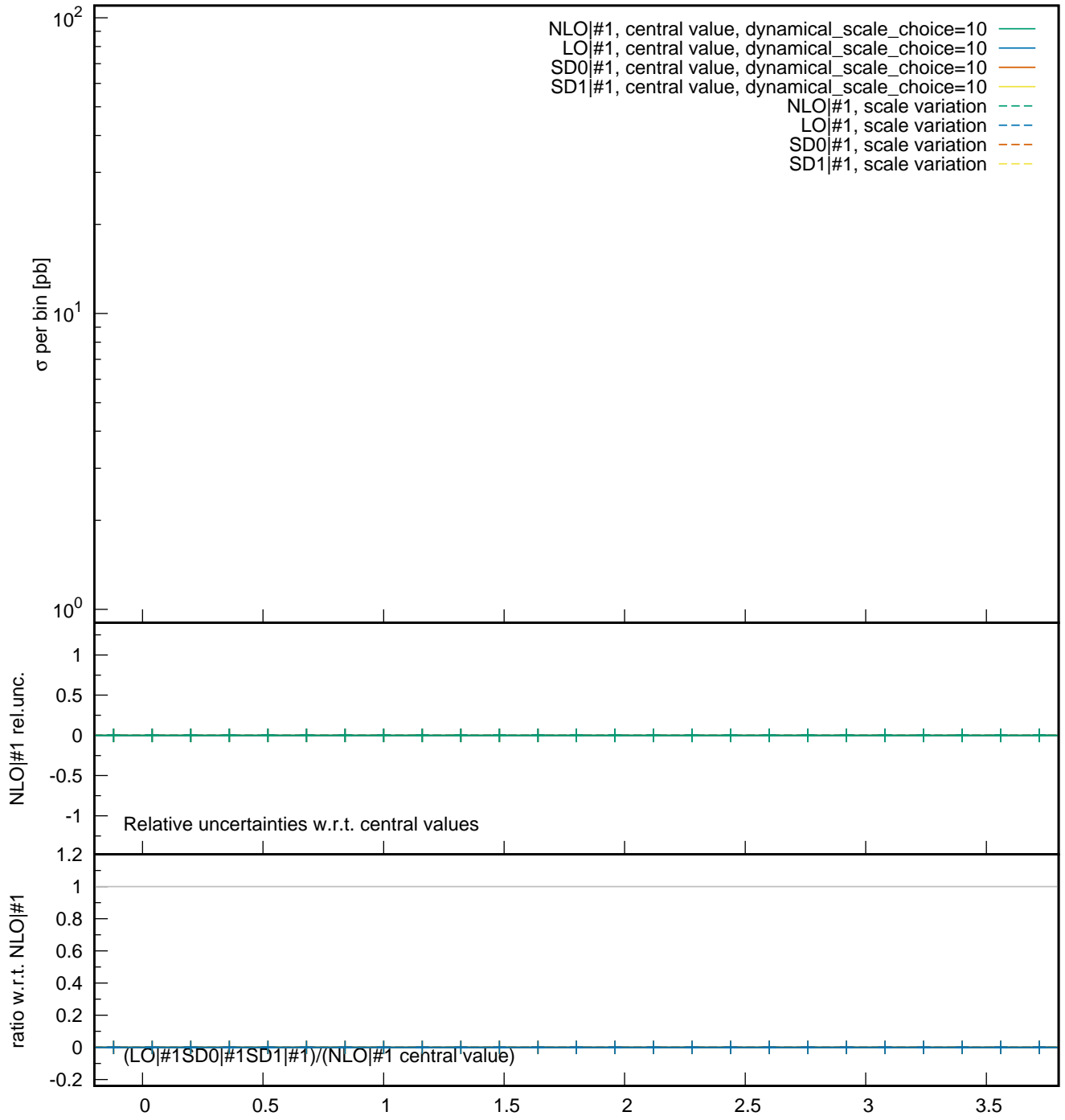




mu-minus log pT



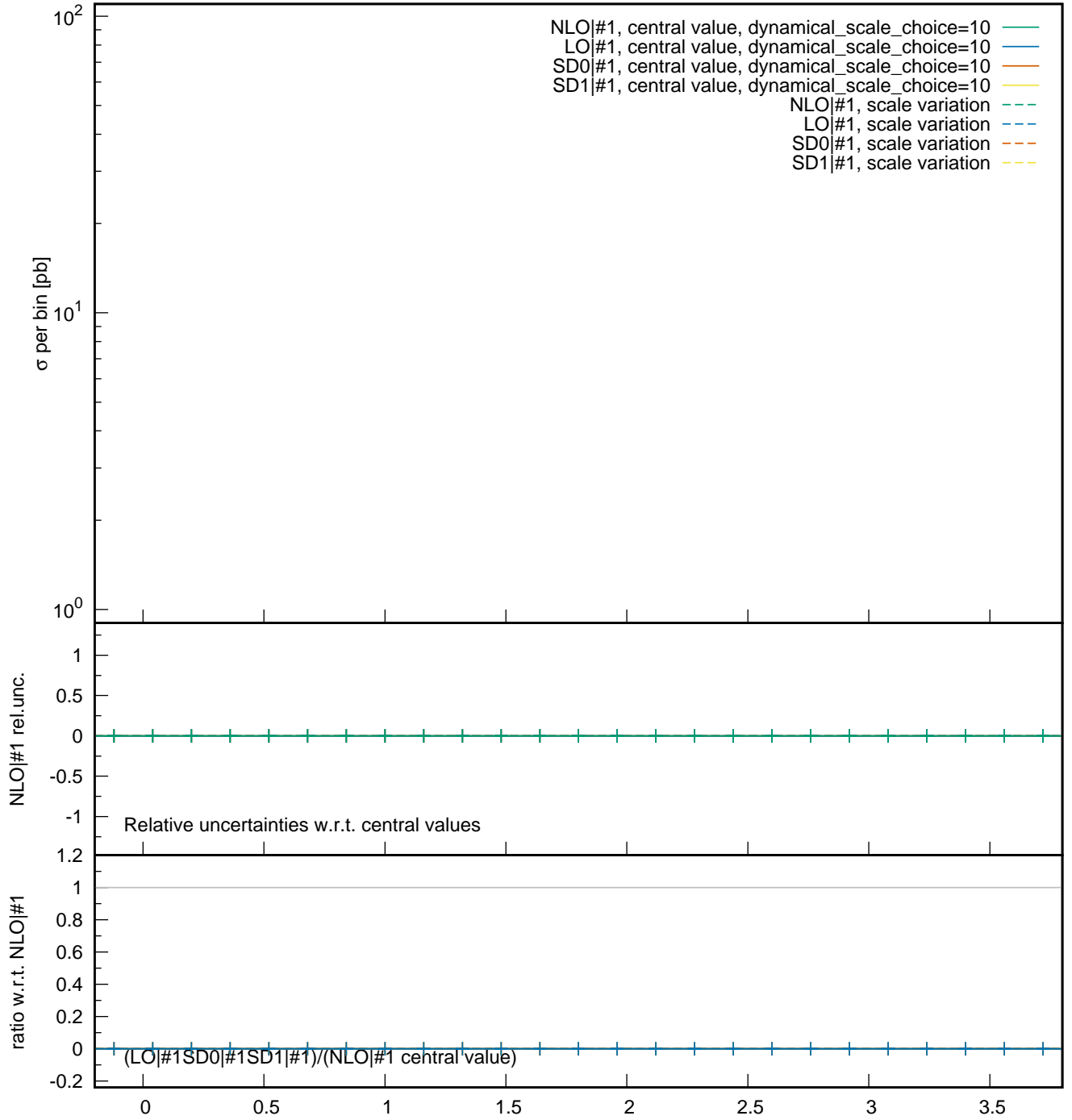
epem log pT



mupmum log pT



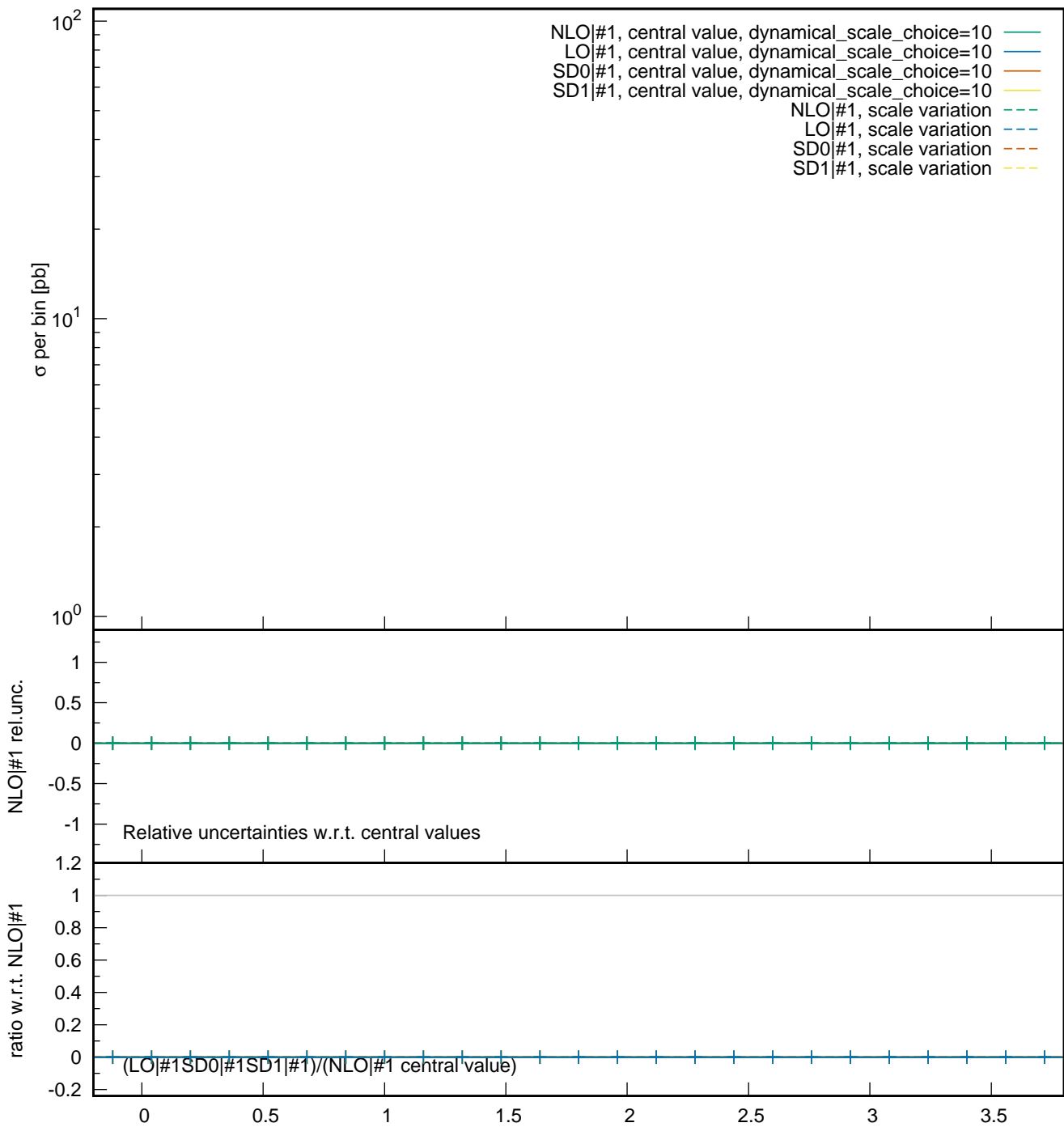
# 1st OSSF lep pair log pT



# 2nd OSSF lep pair log pT



epve log pT



mumvm log pT



# 1st SF lep-neu pair log pT





# 2nd SF lep-neu pair log pT



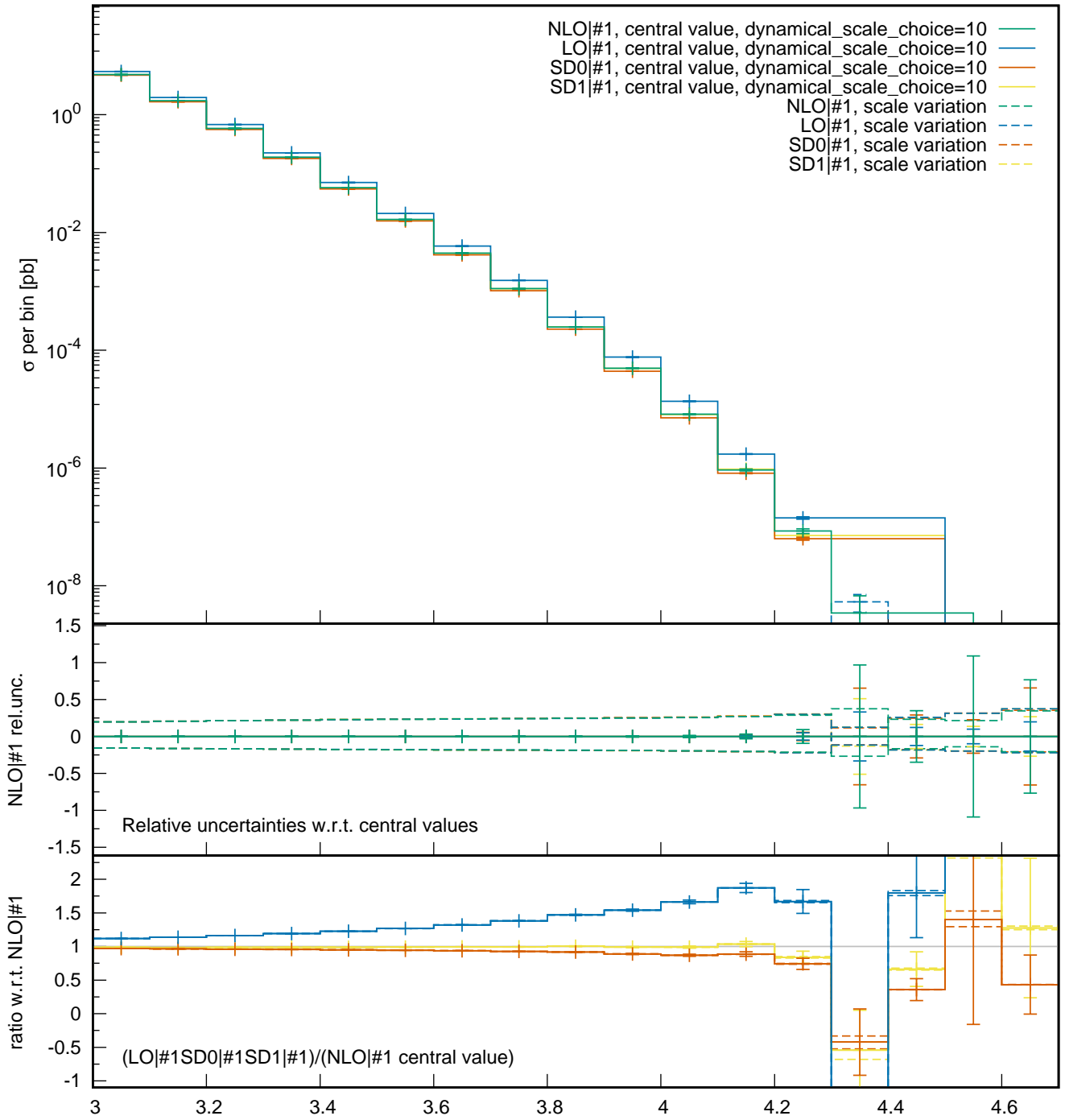
# epemmupmum log pT



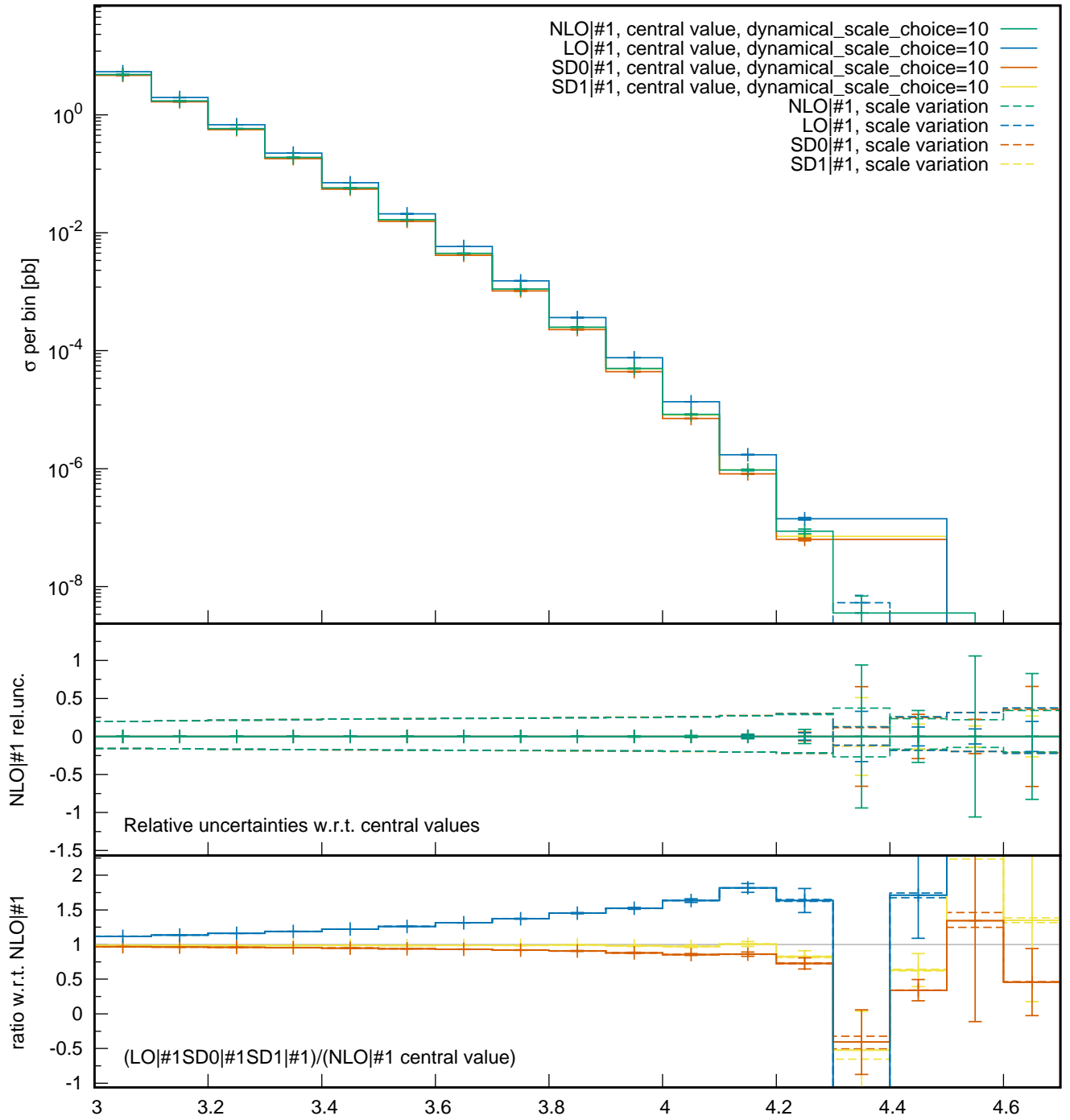
epvemunvm log pT



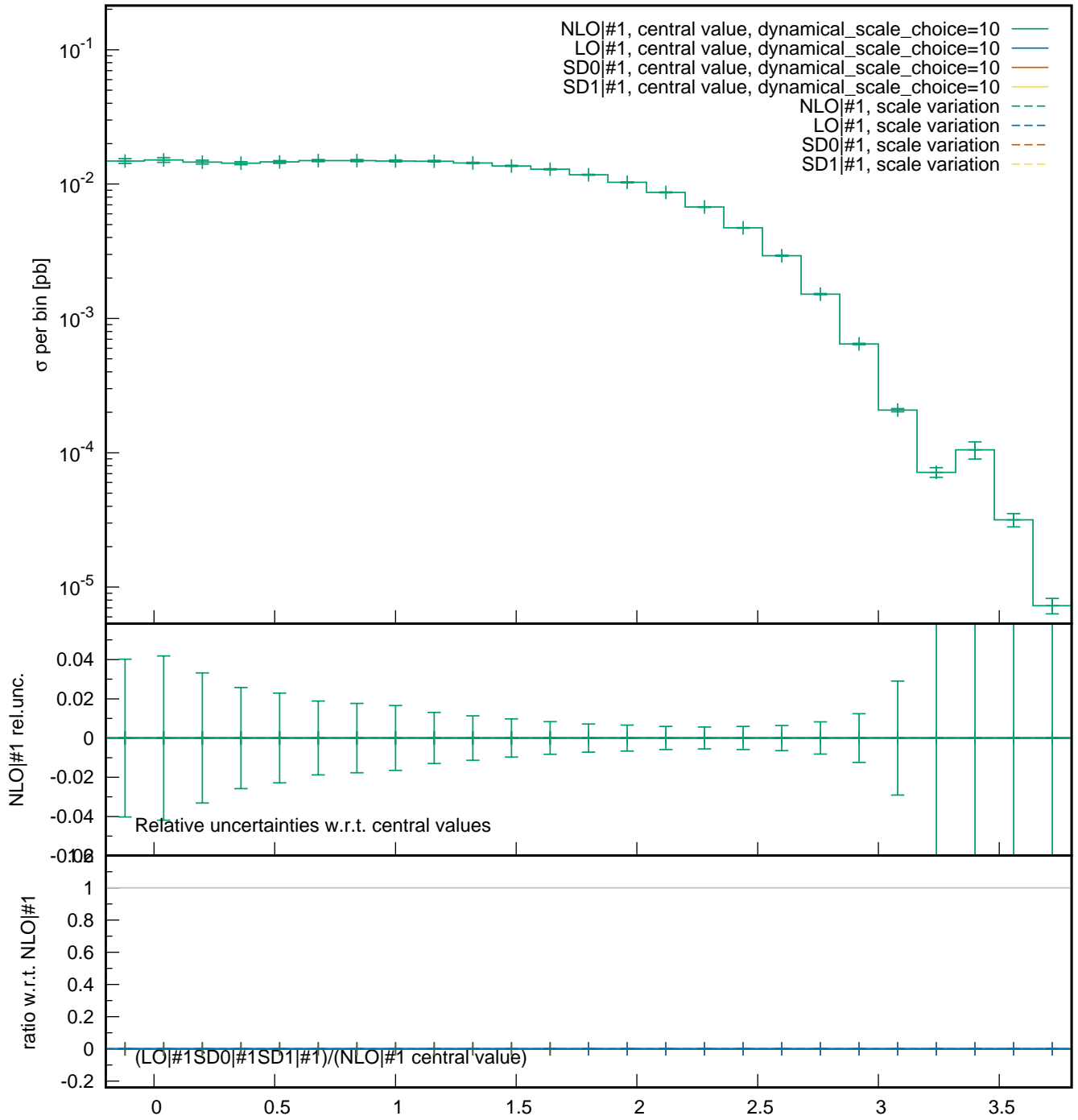
# top quark log pT



# anti-top quark log pT



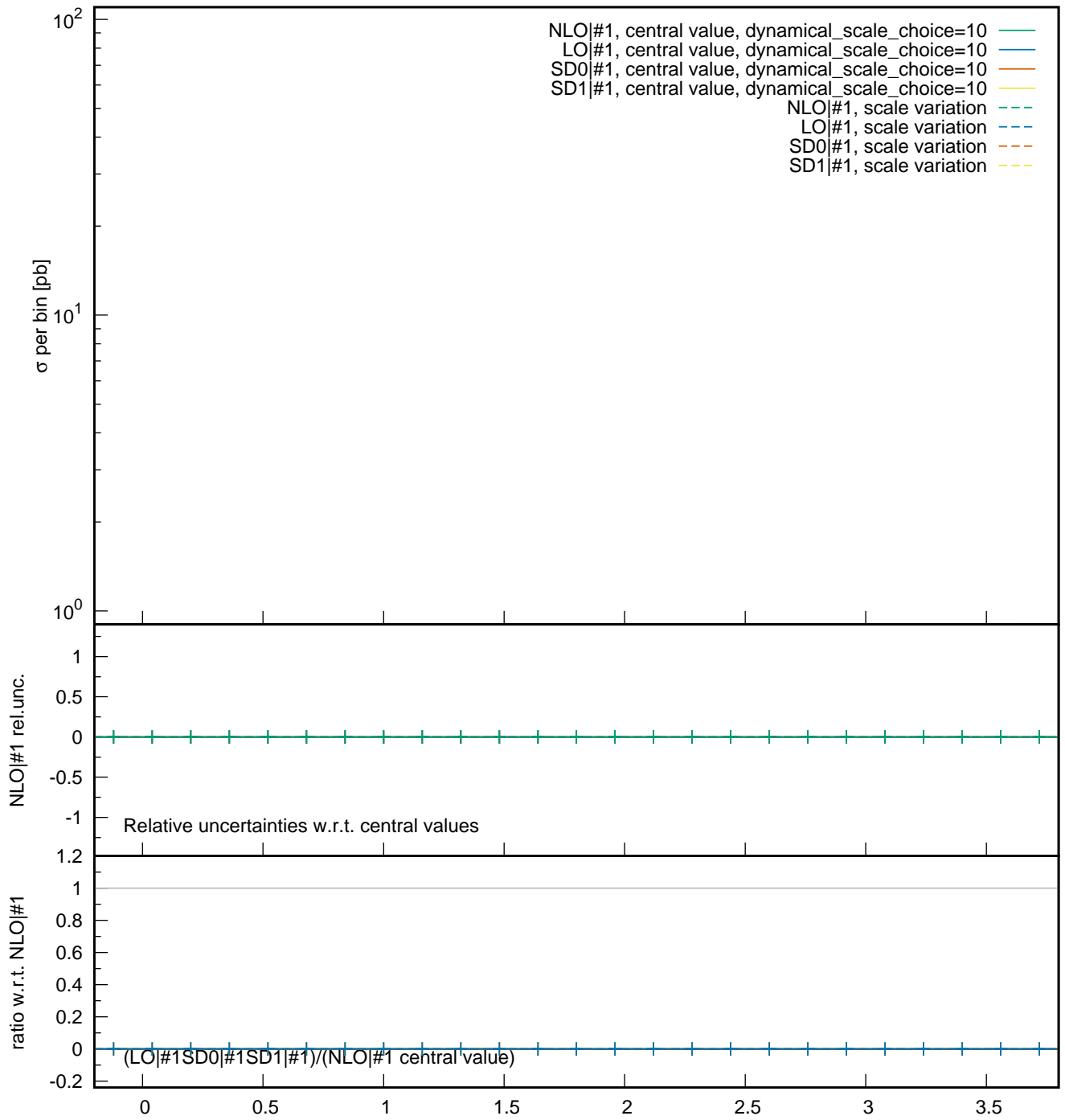
$t\bar{t}$  log pT



log missing Et (neutrinos)

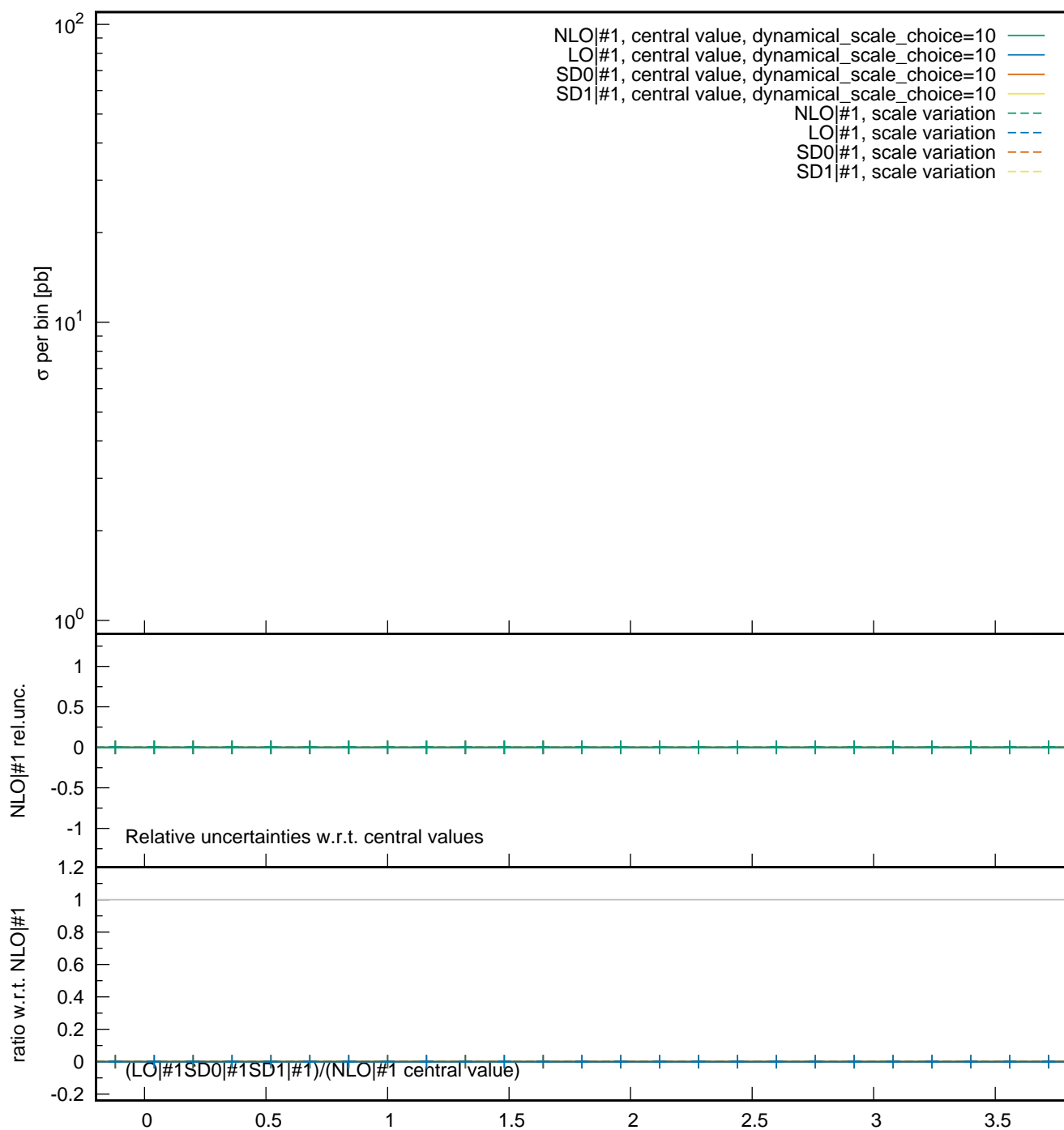


# 1st higgs log pT

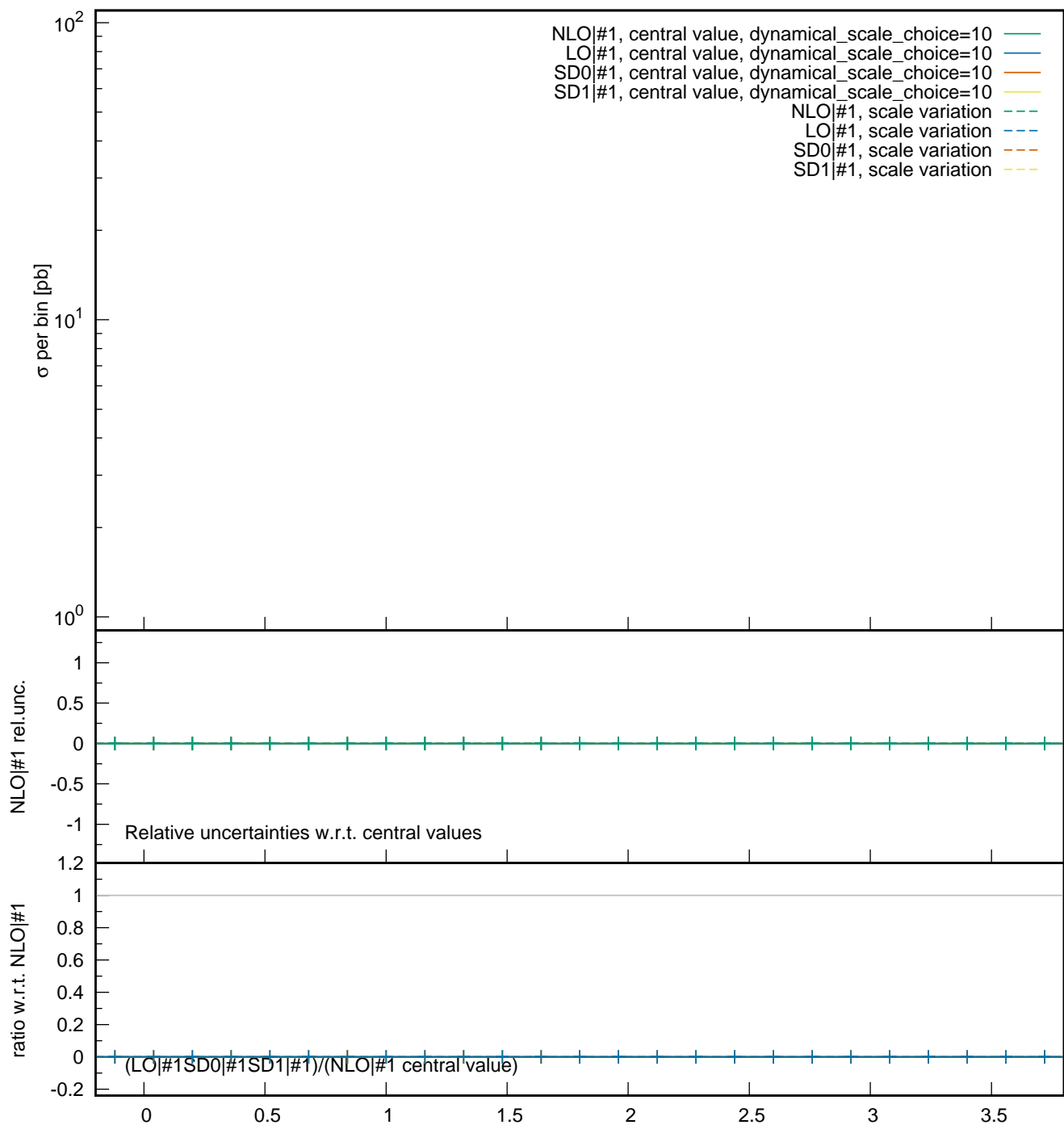




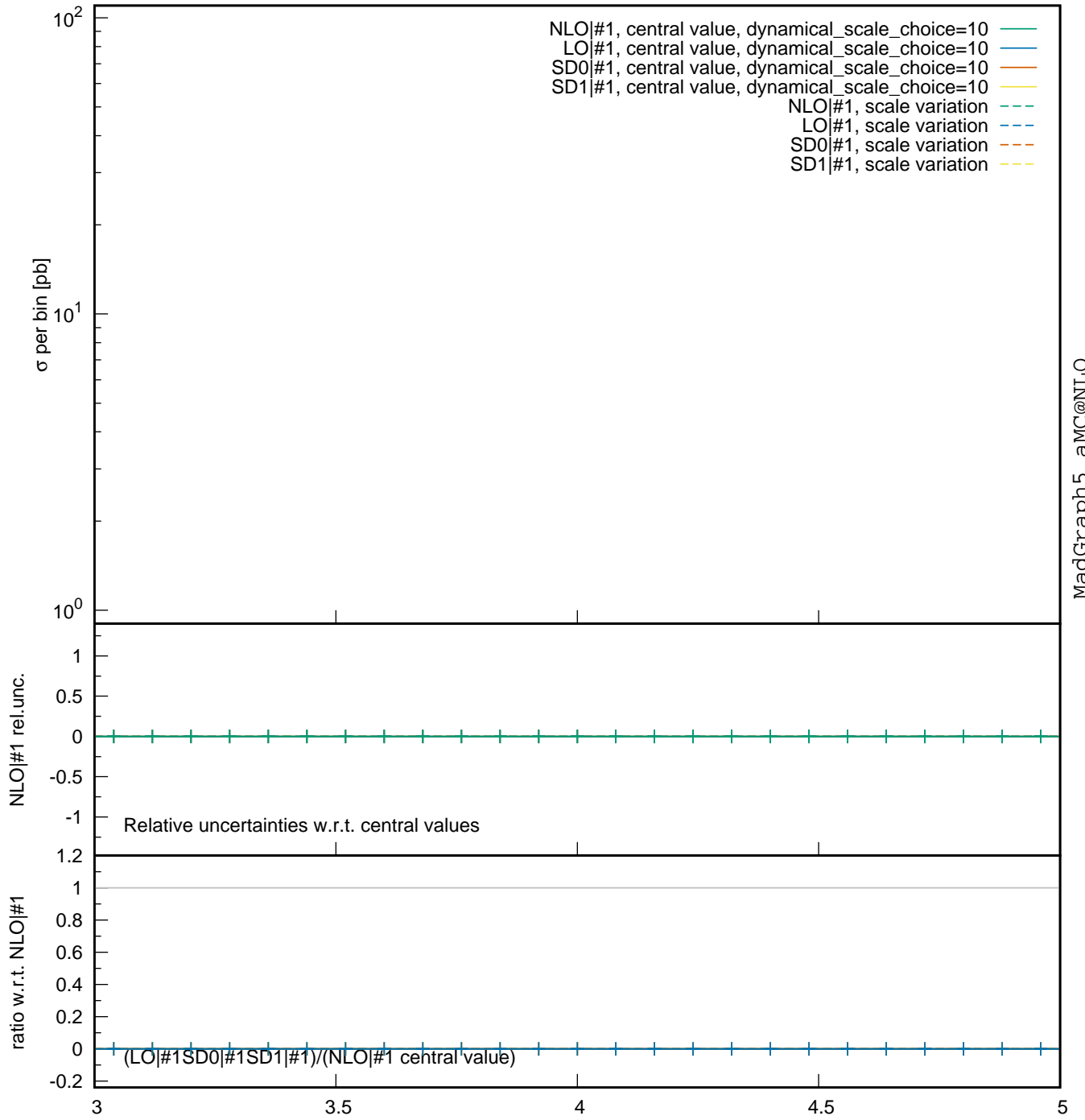
## 2nd higgs log pT



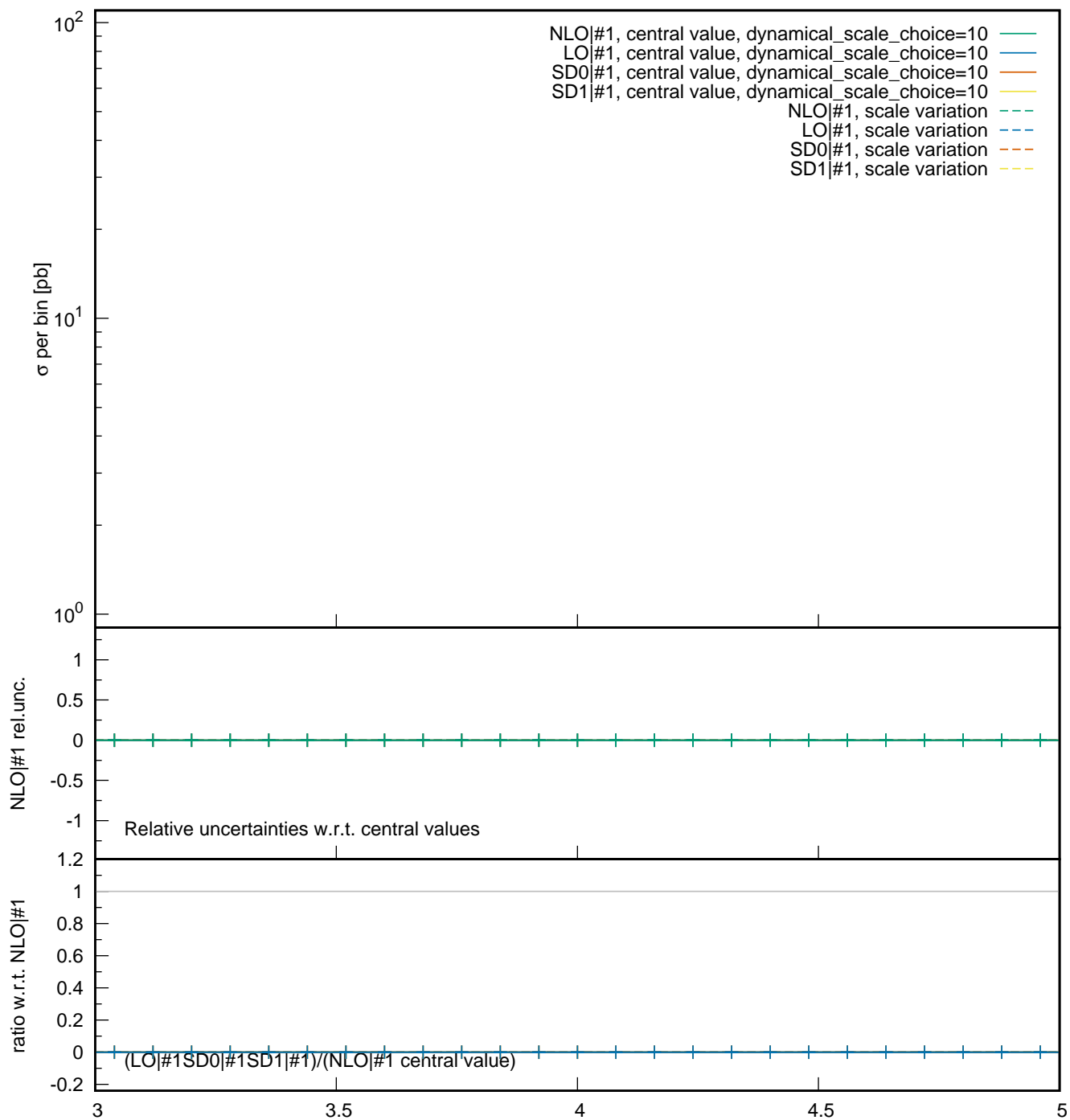
# higgs-pair log pT



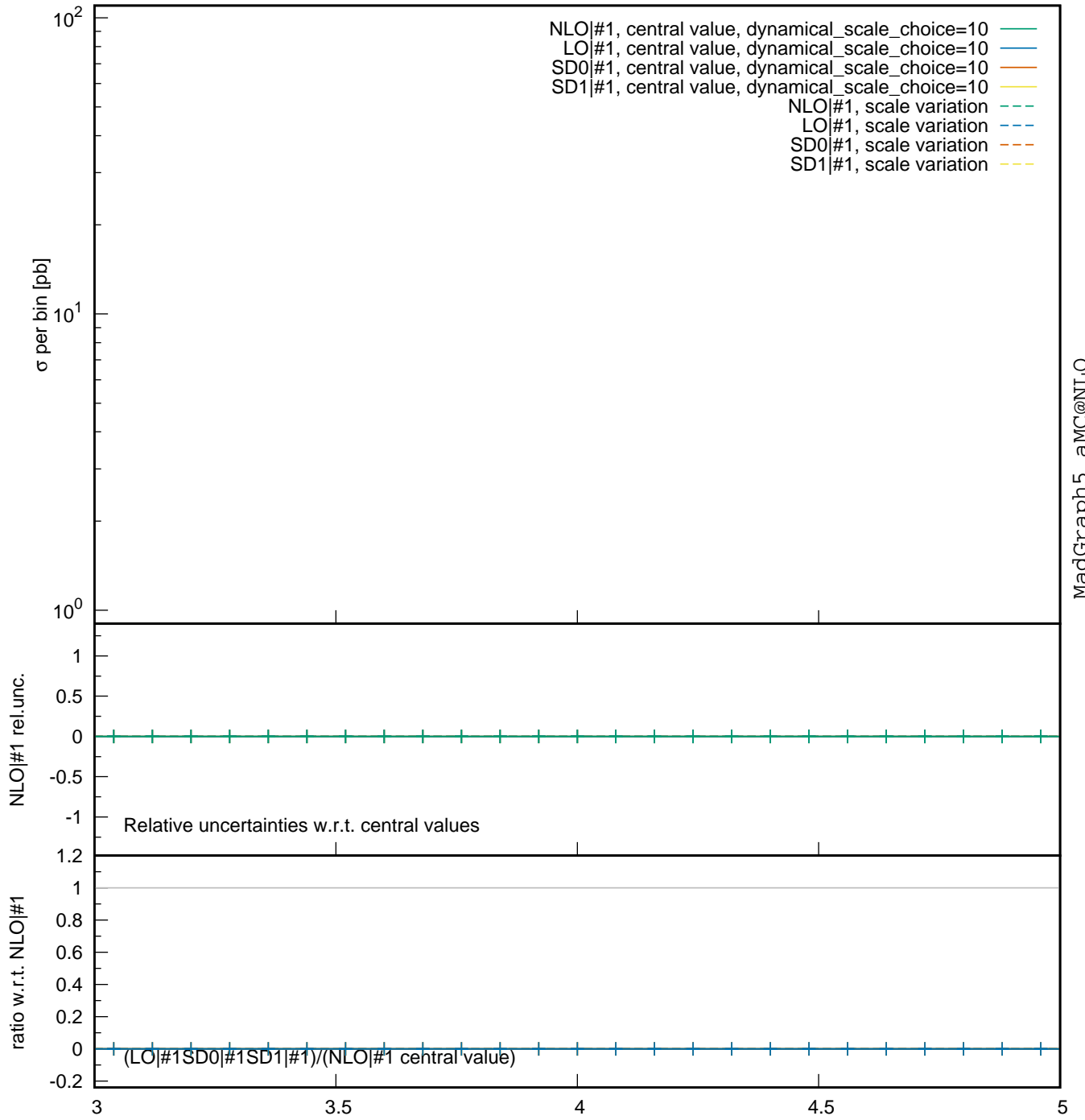
# 1st V-boson log pT



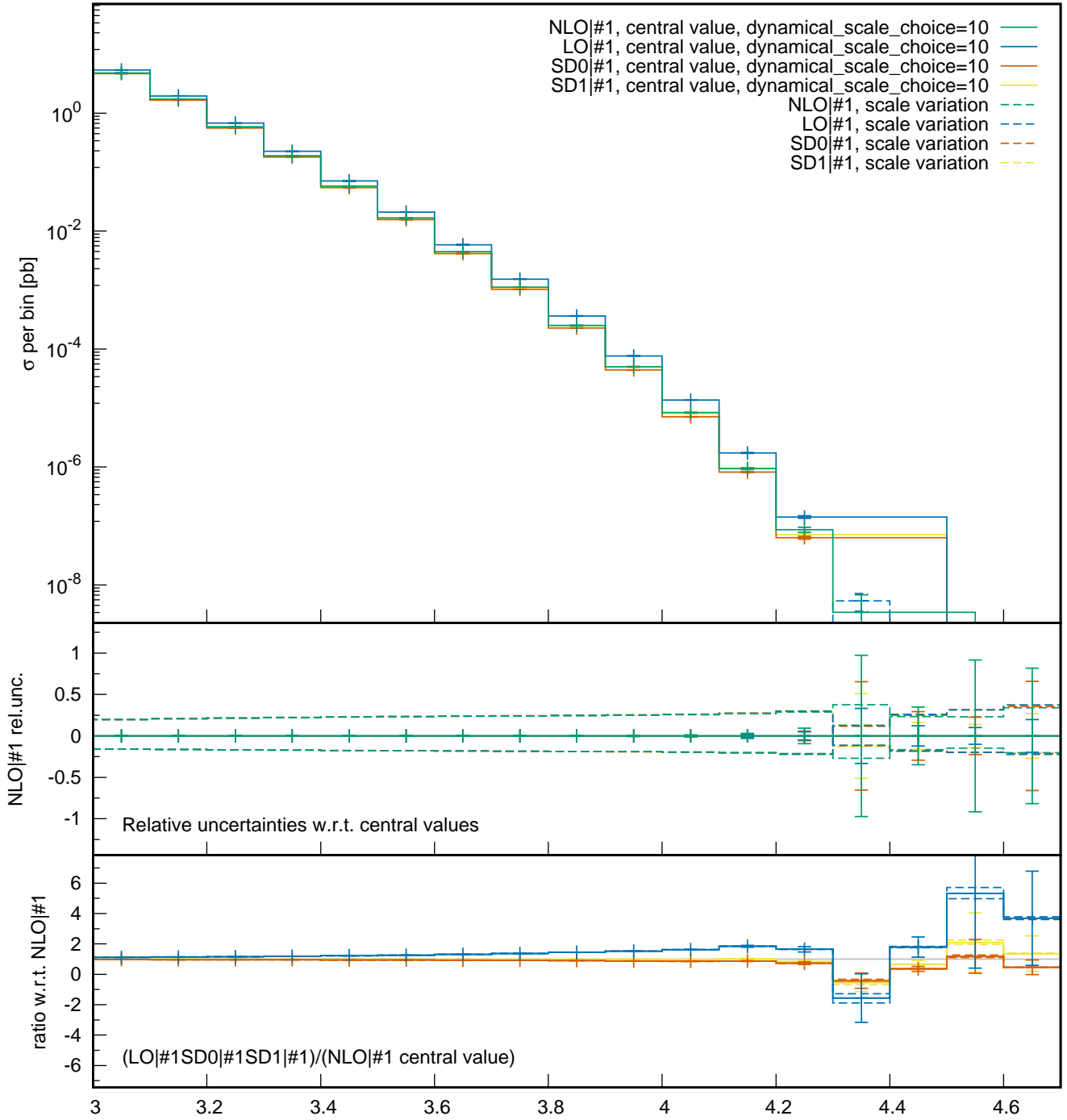
# 2nd V-boson log pT



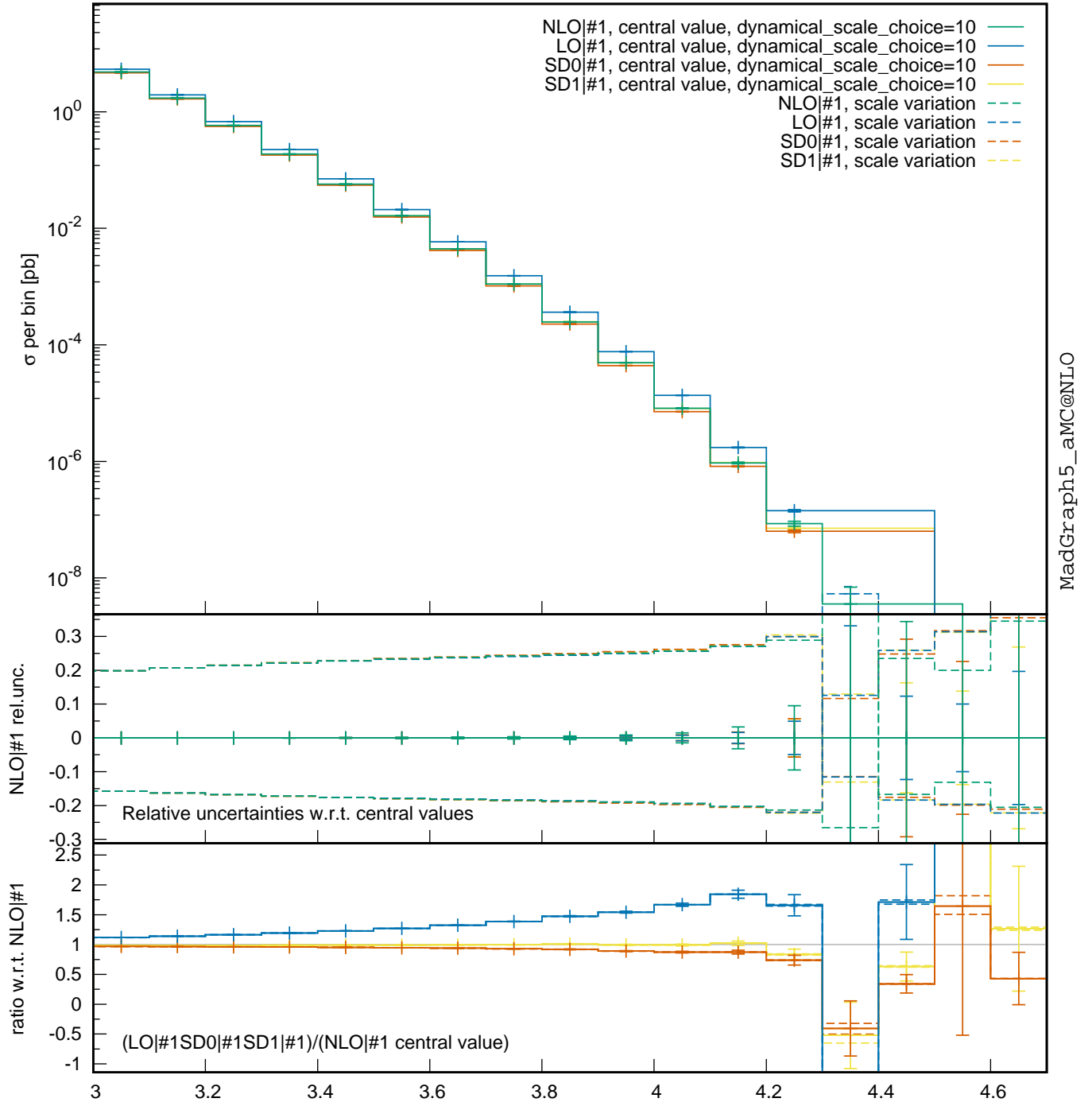
# 3rd V-boson log pT



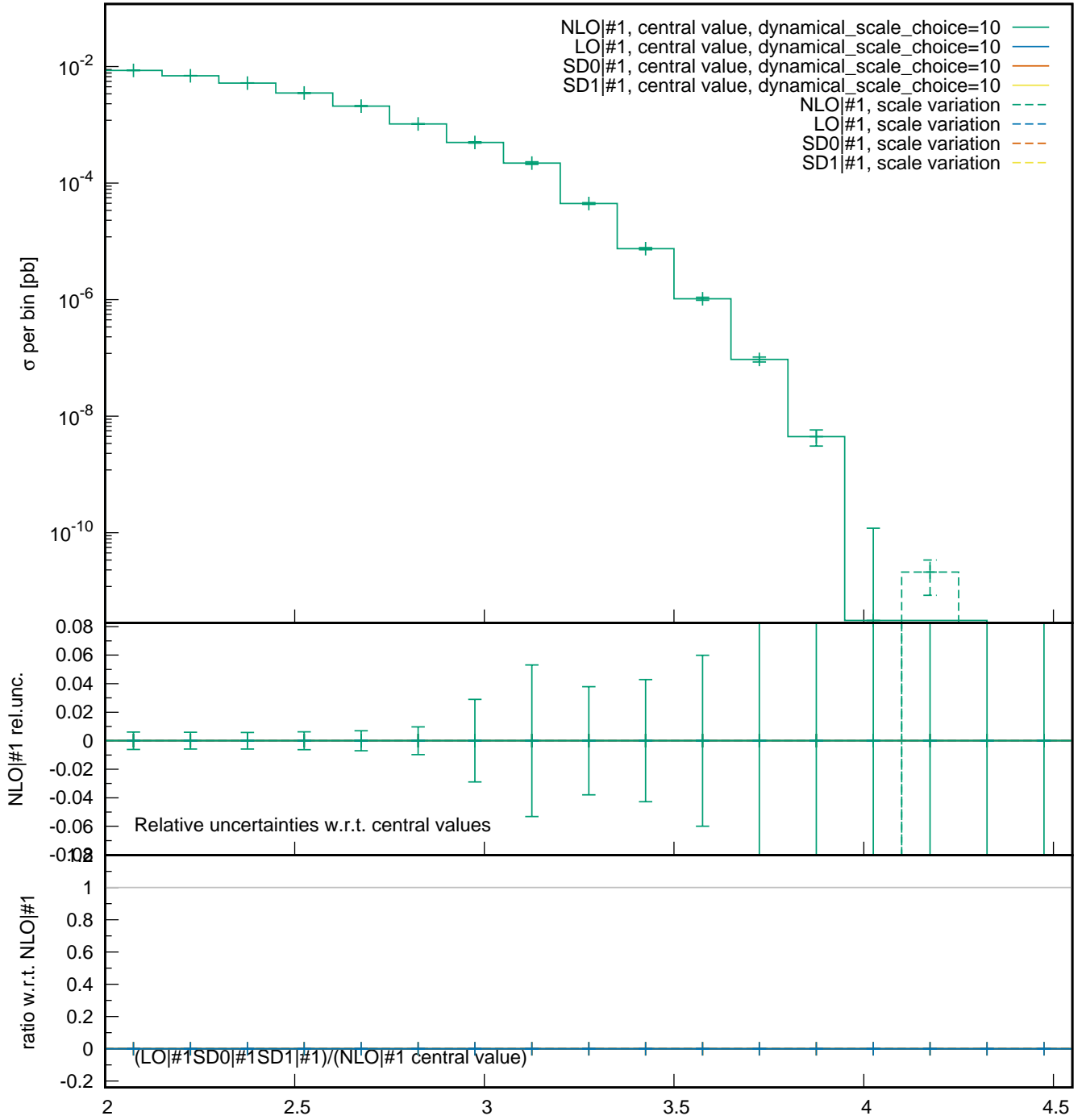
1st jet log pT



## 2nd jet log pT

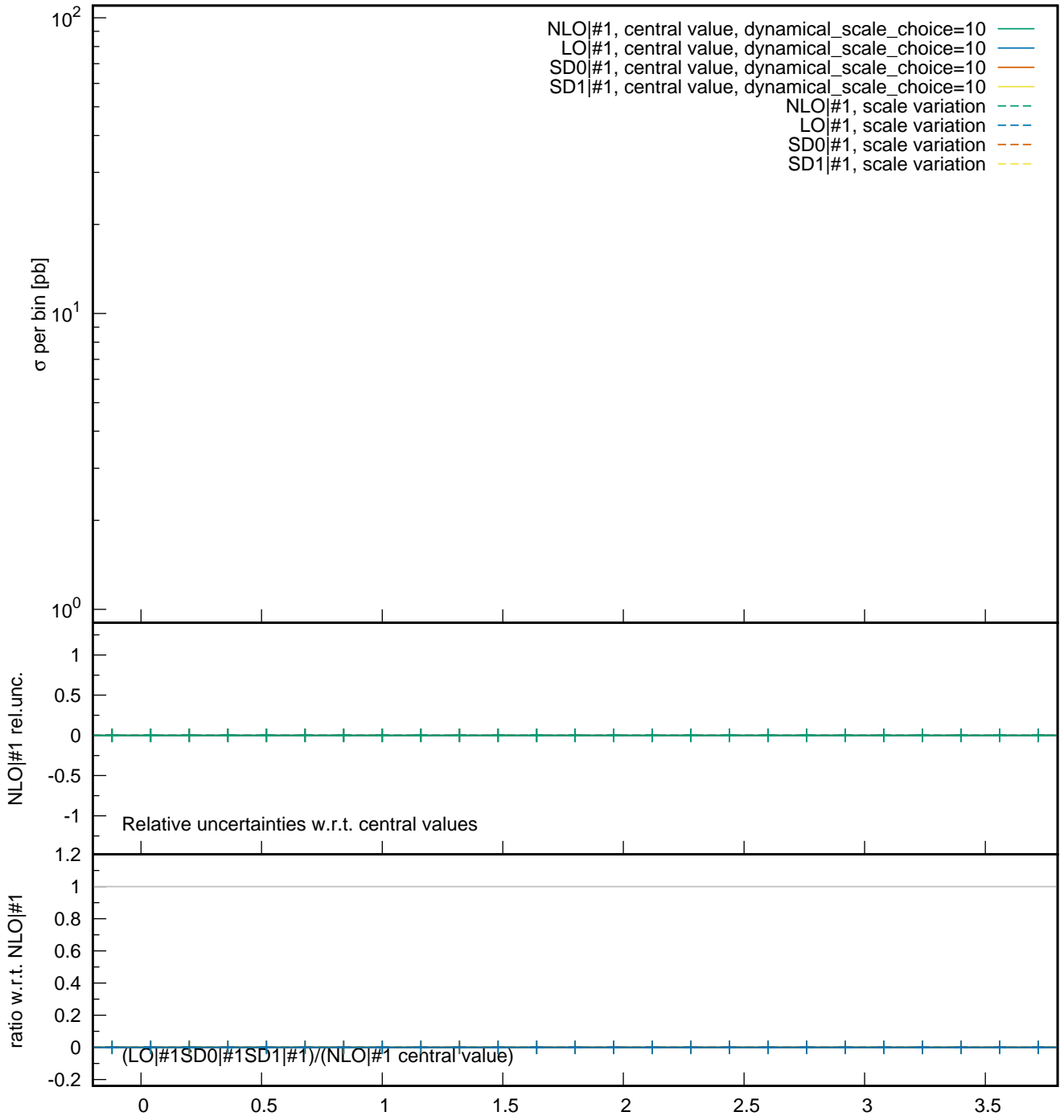


# 3rd jet log pT

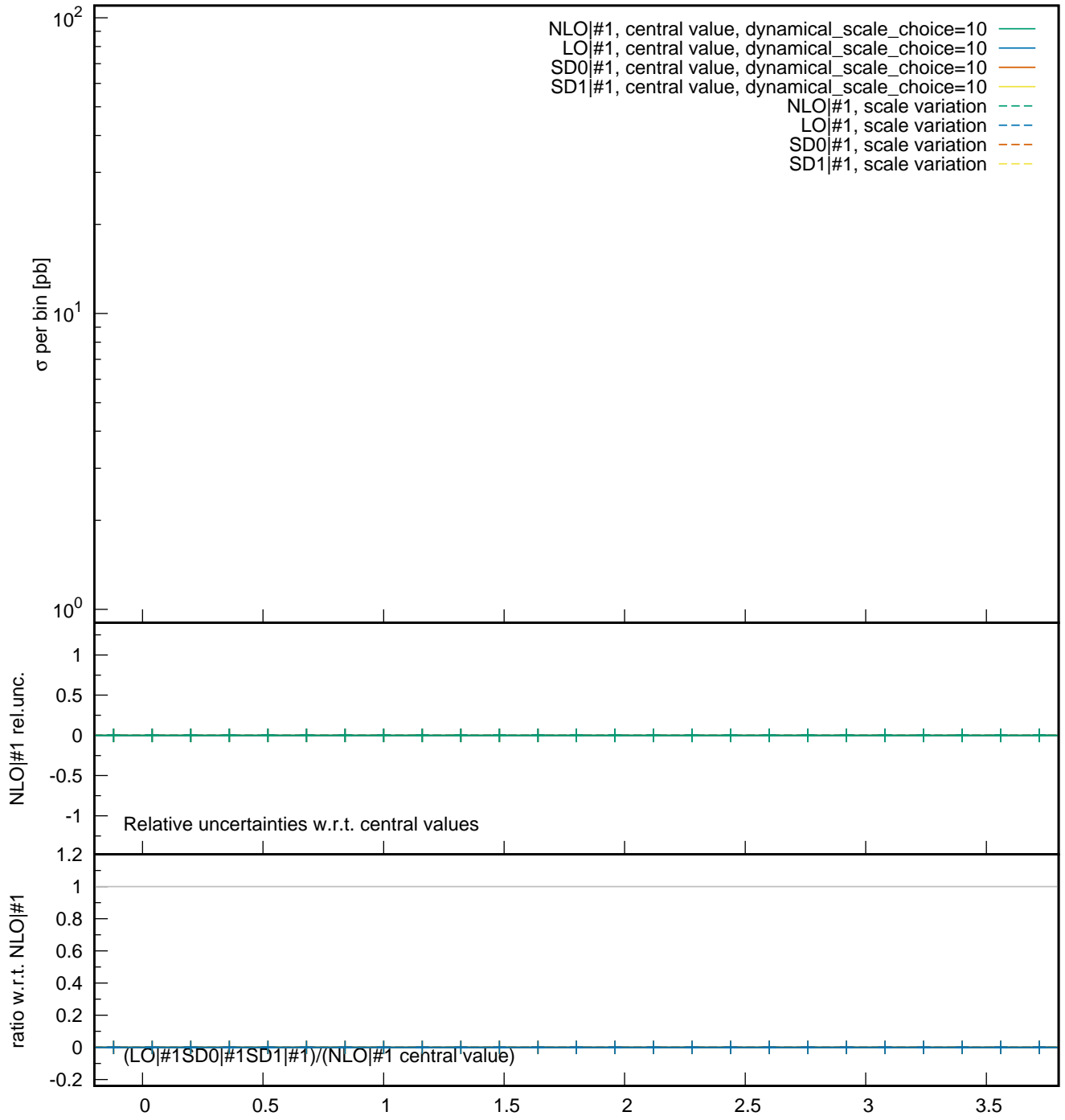




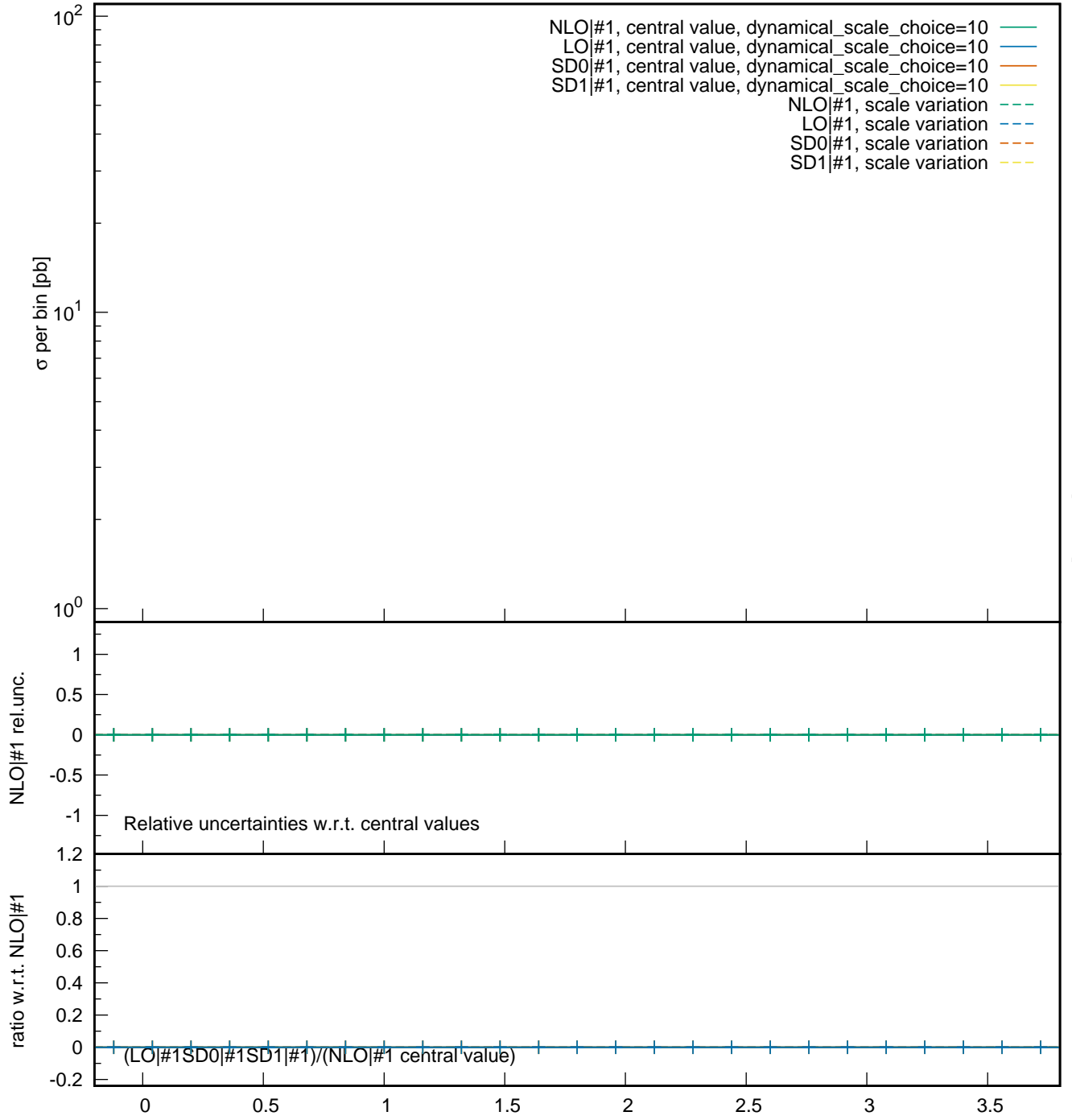
epem log M



mupmum log M



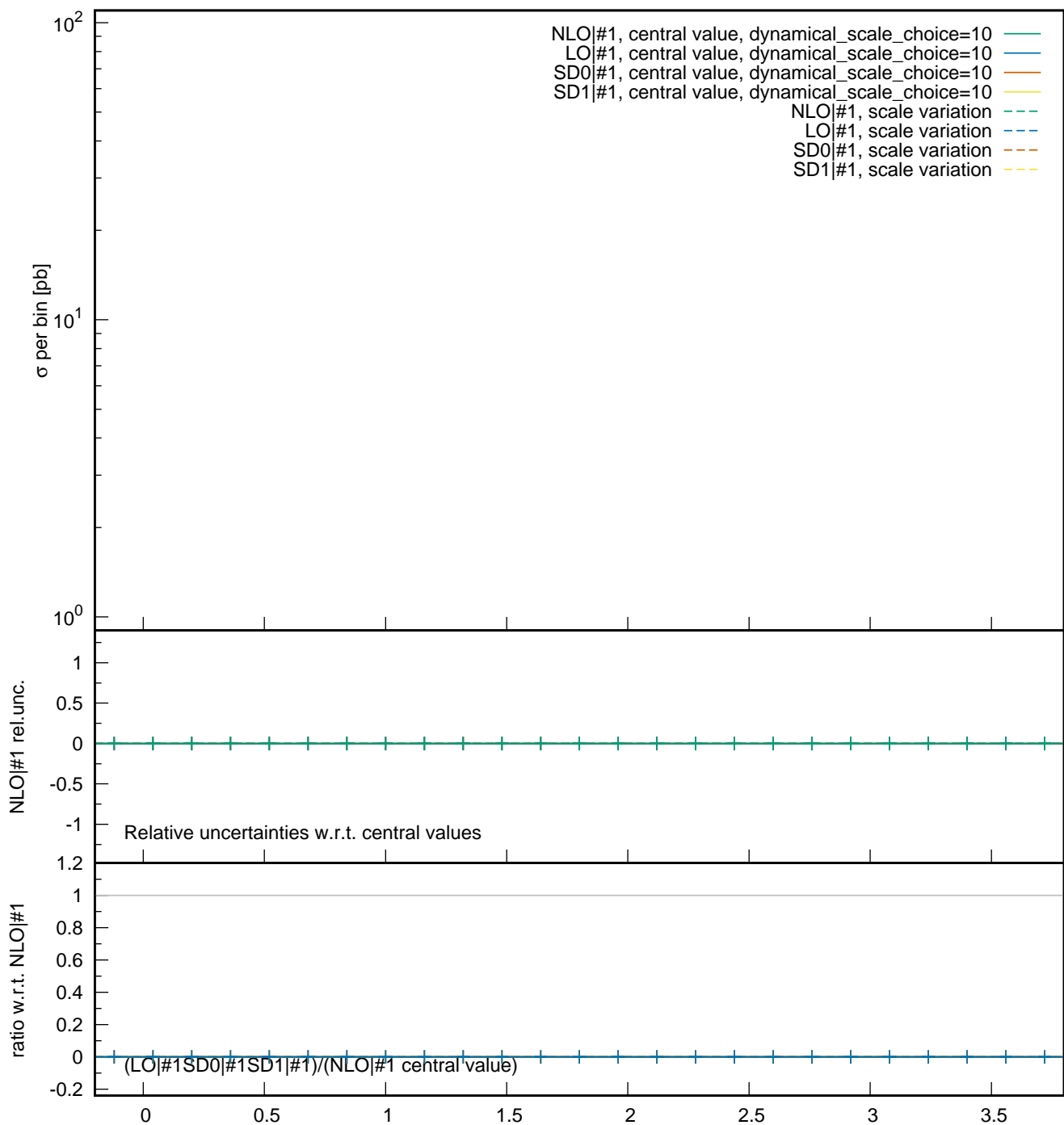
# 1st OSSF lep pair log M



# 2nd OSSF lep pair log M



epve log M



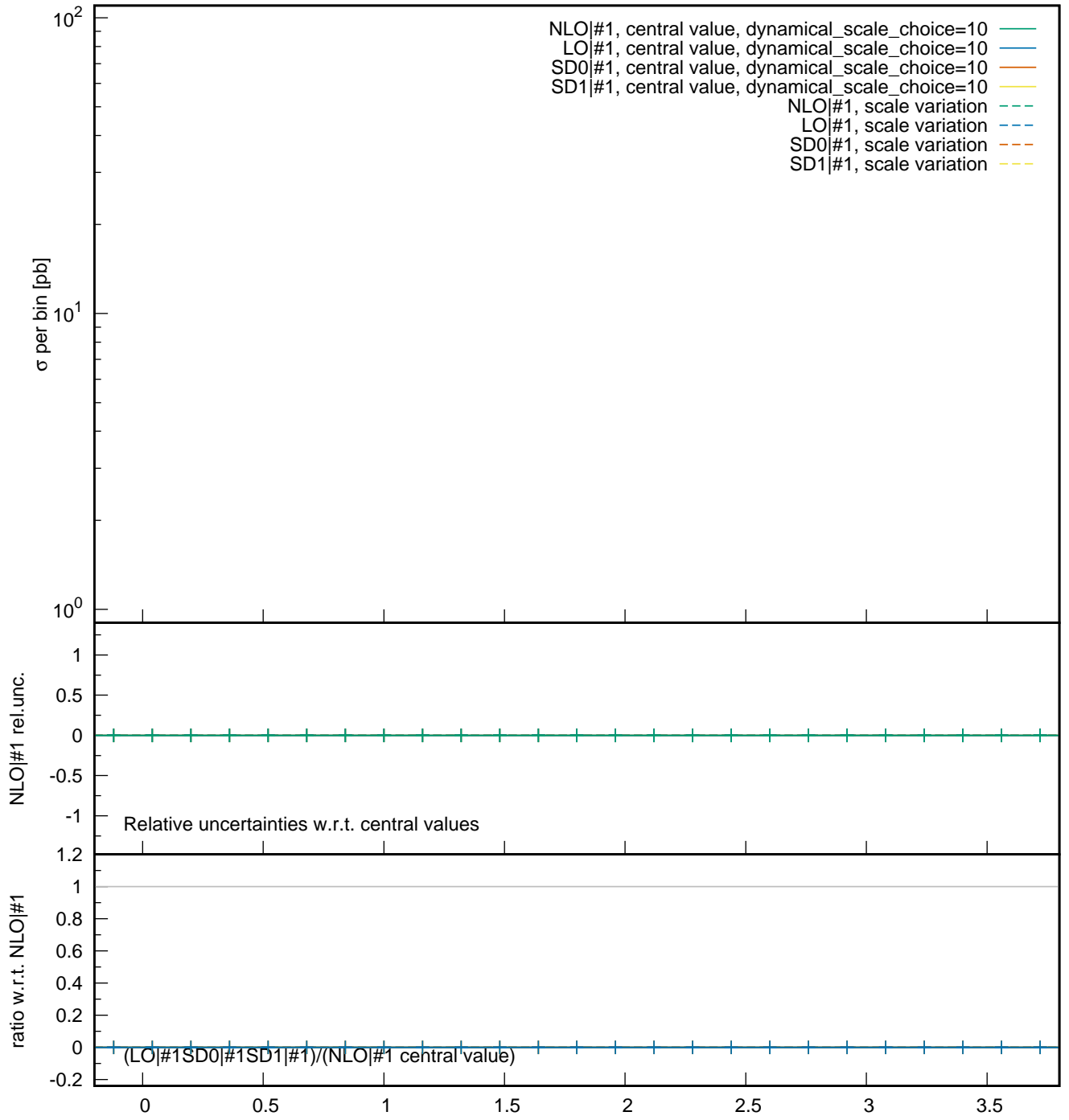
mumvm log M



# 1st SF lep-neu pair log M



# 2nd SF lep-neu pair log M





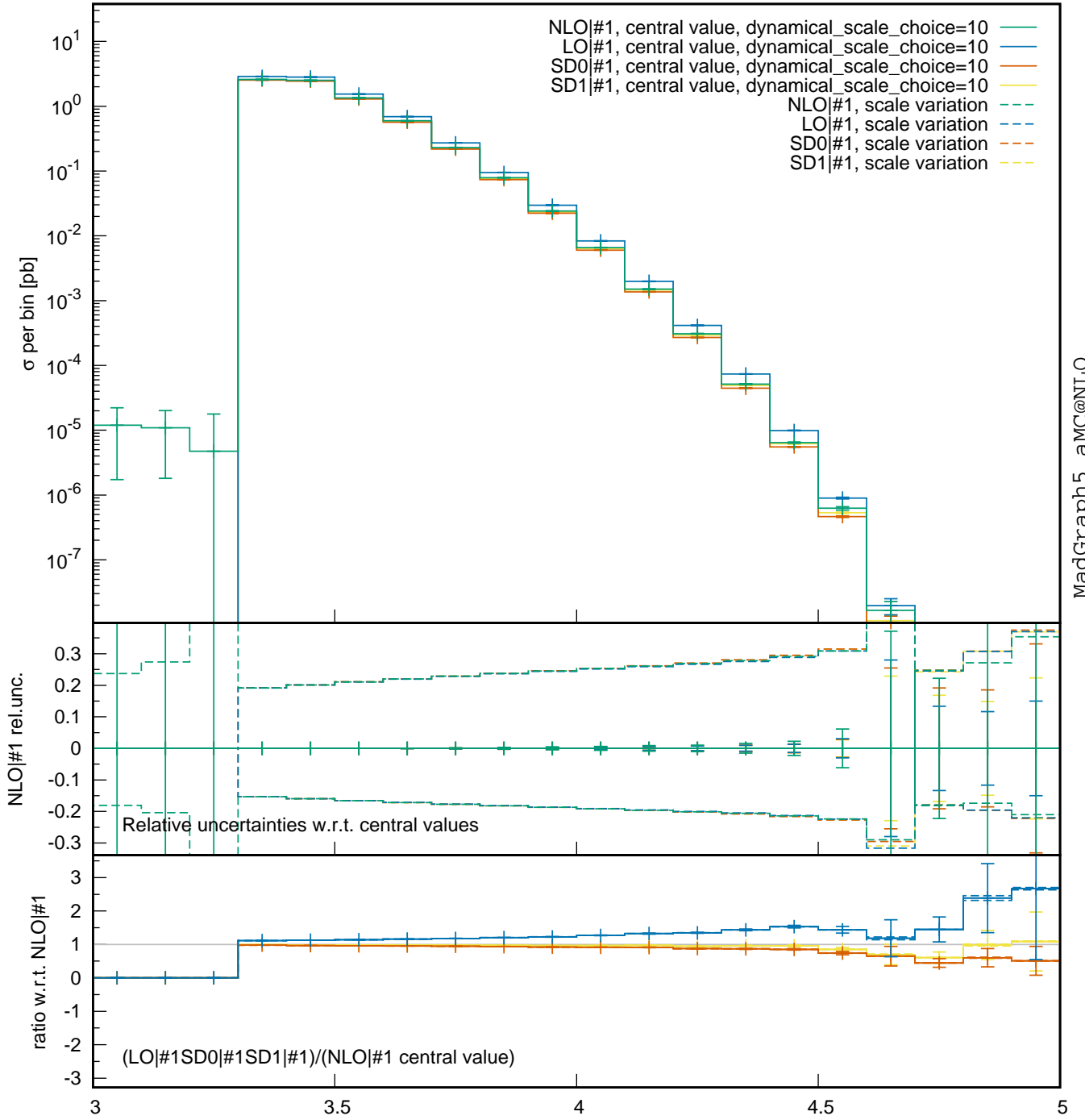
# epemmupmum log M



epvemunvm log M



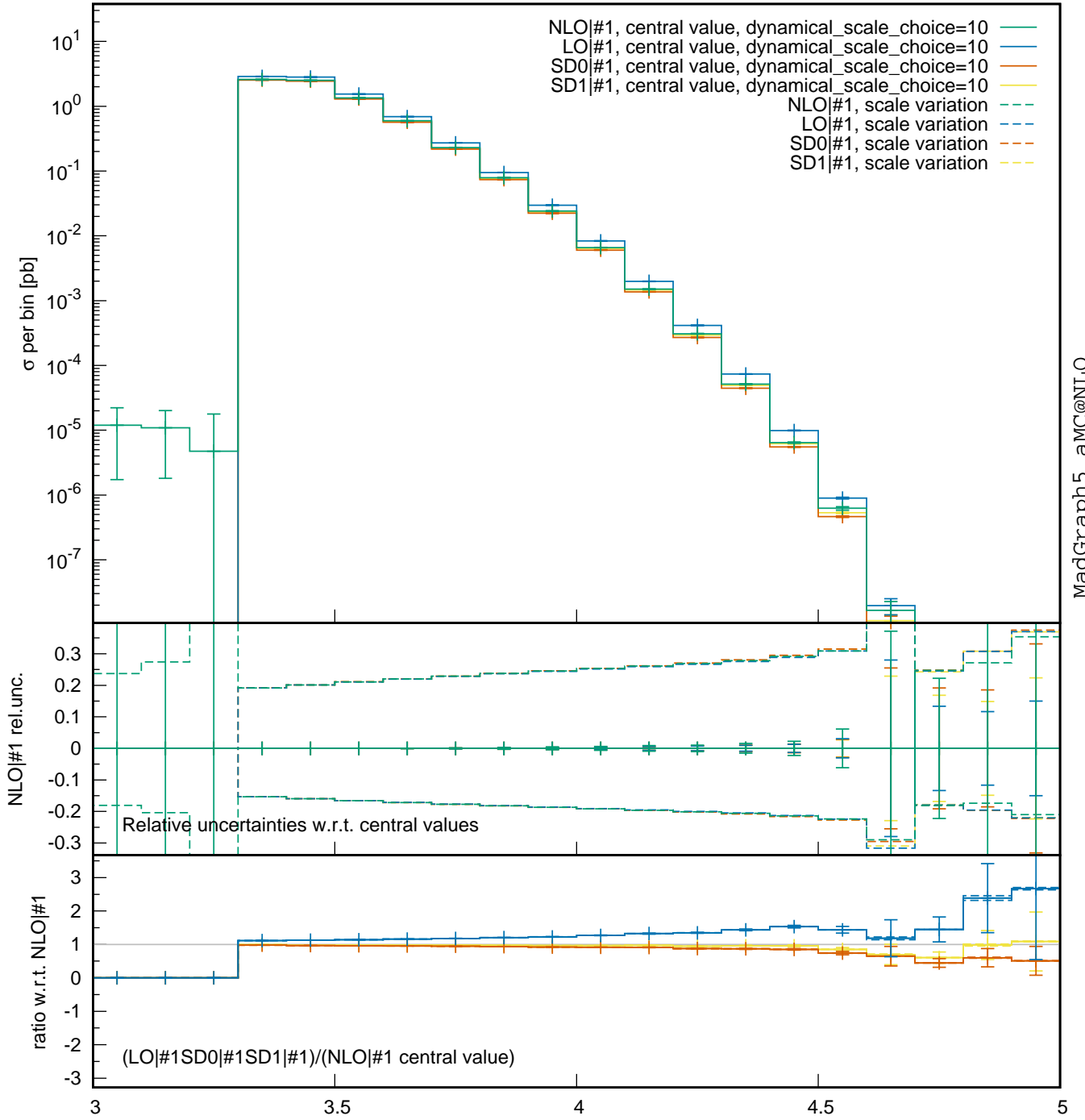
$t\bar{t}$  log M



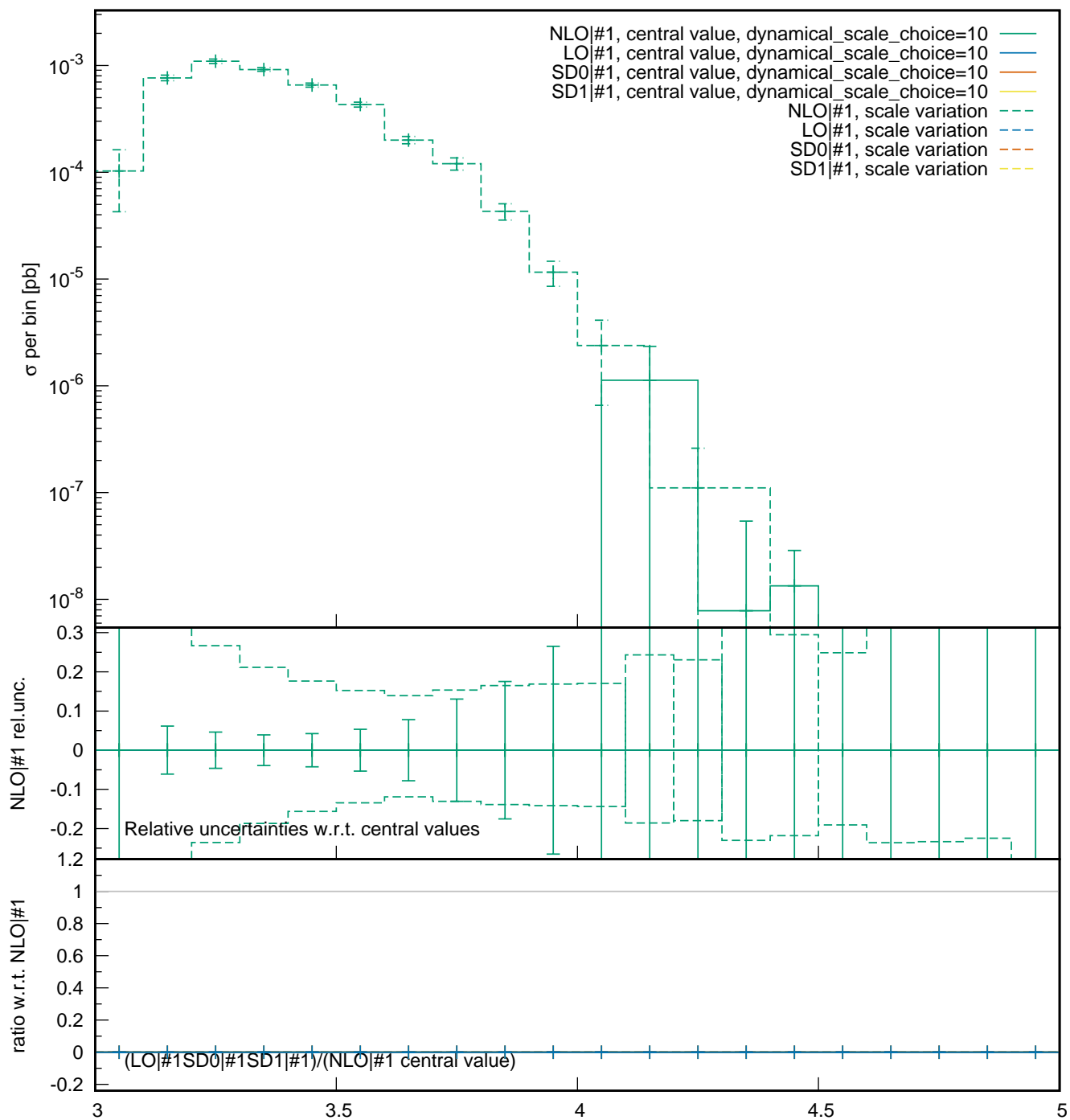
# higgs-pair log M



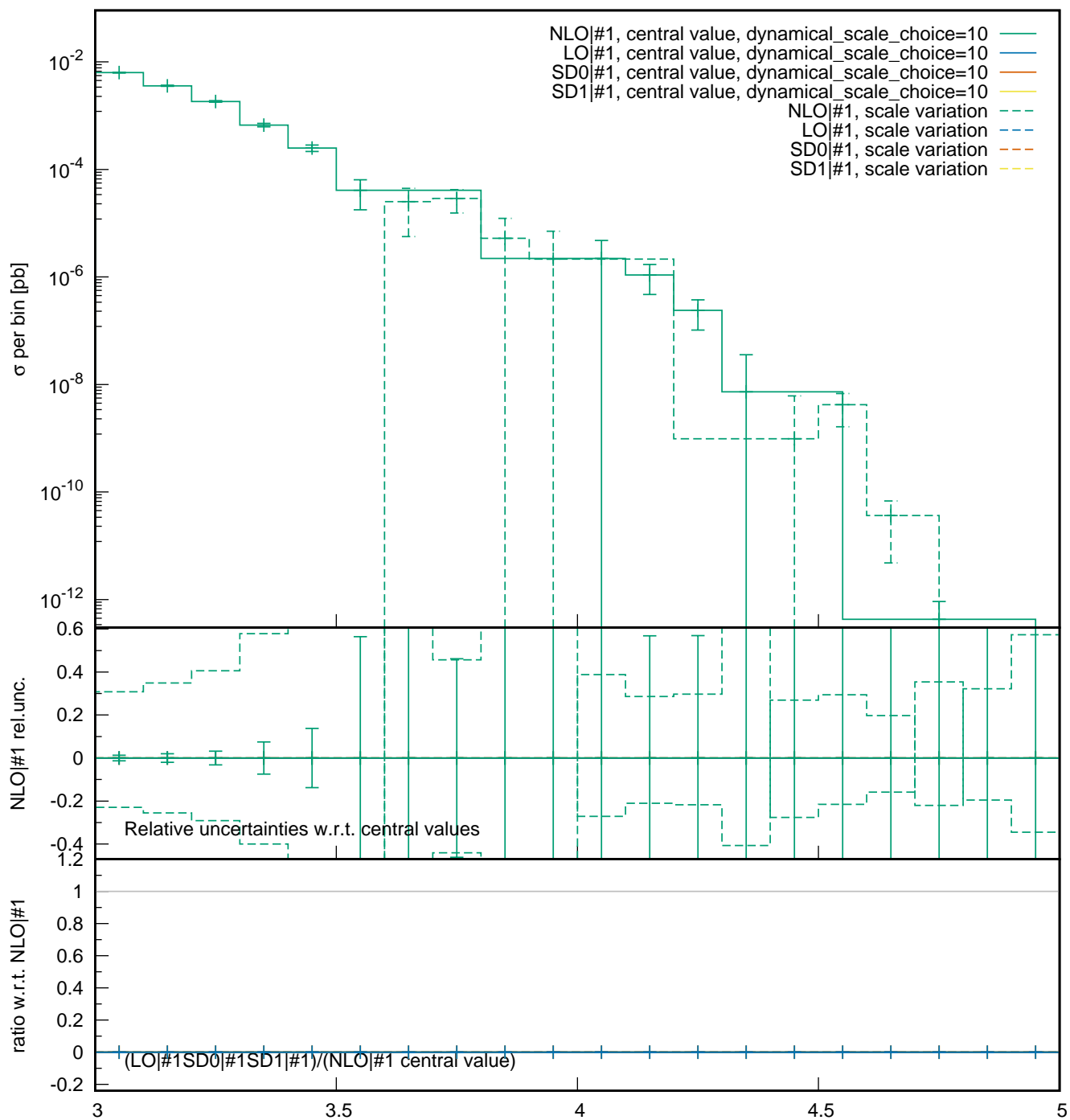
j1j2 log M



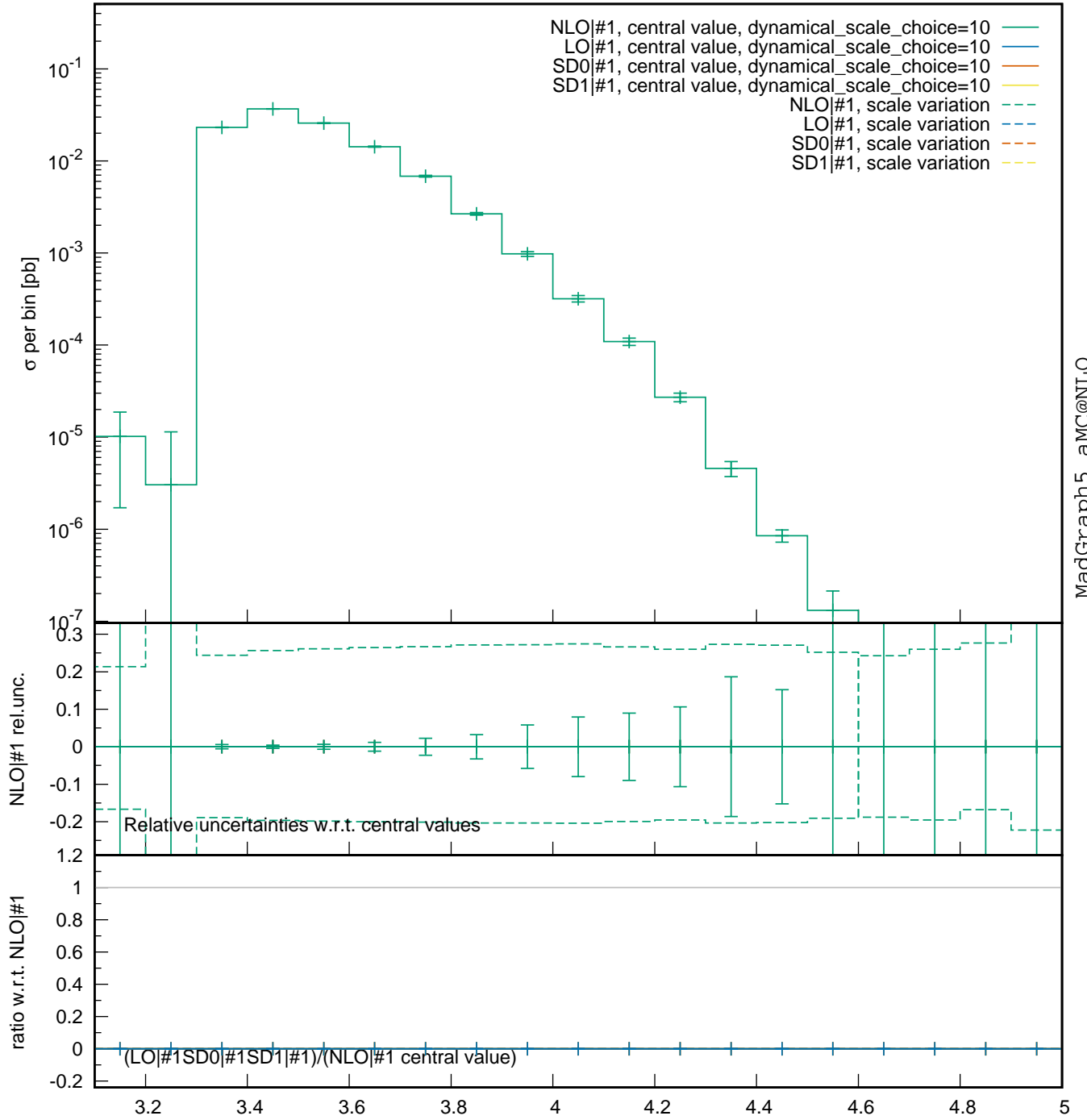
j2j3 log M



j1j3 log M



j1j2j3 log M

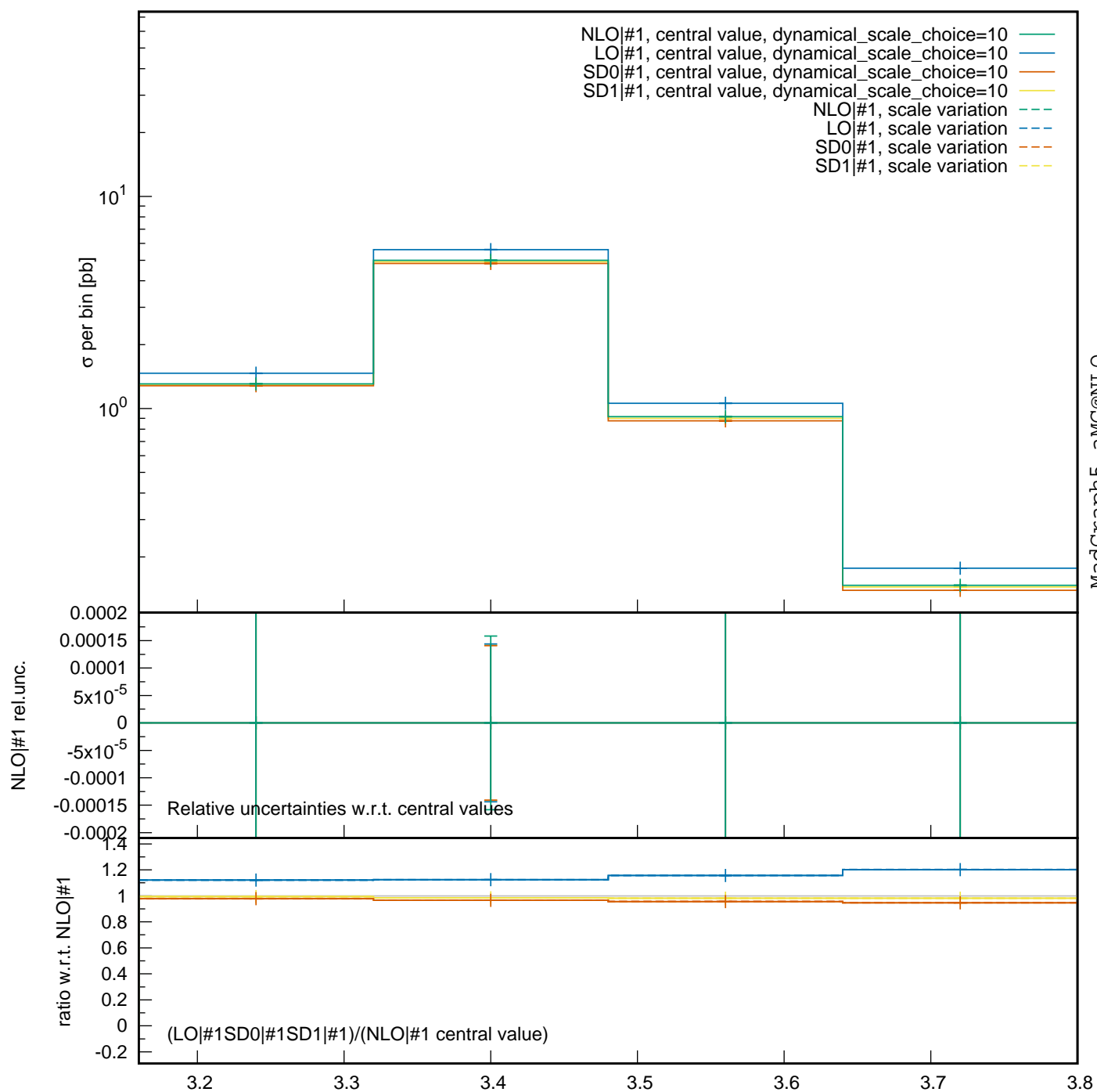




3w log M



log HT (partons)



log HT (reconstructed)

