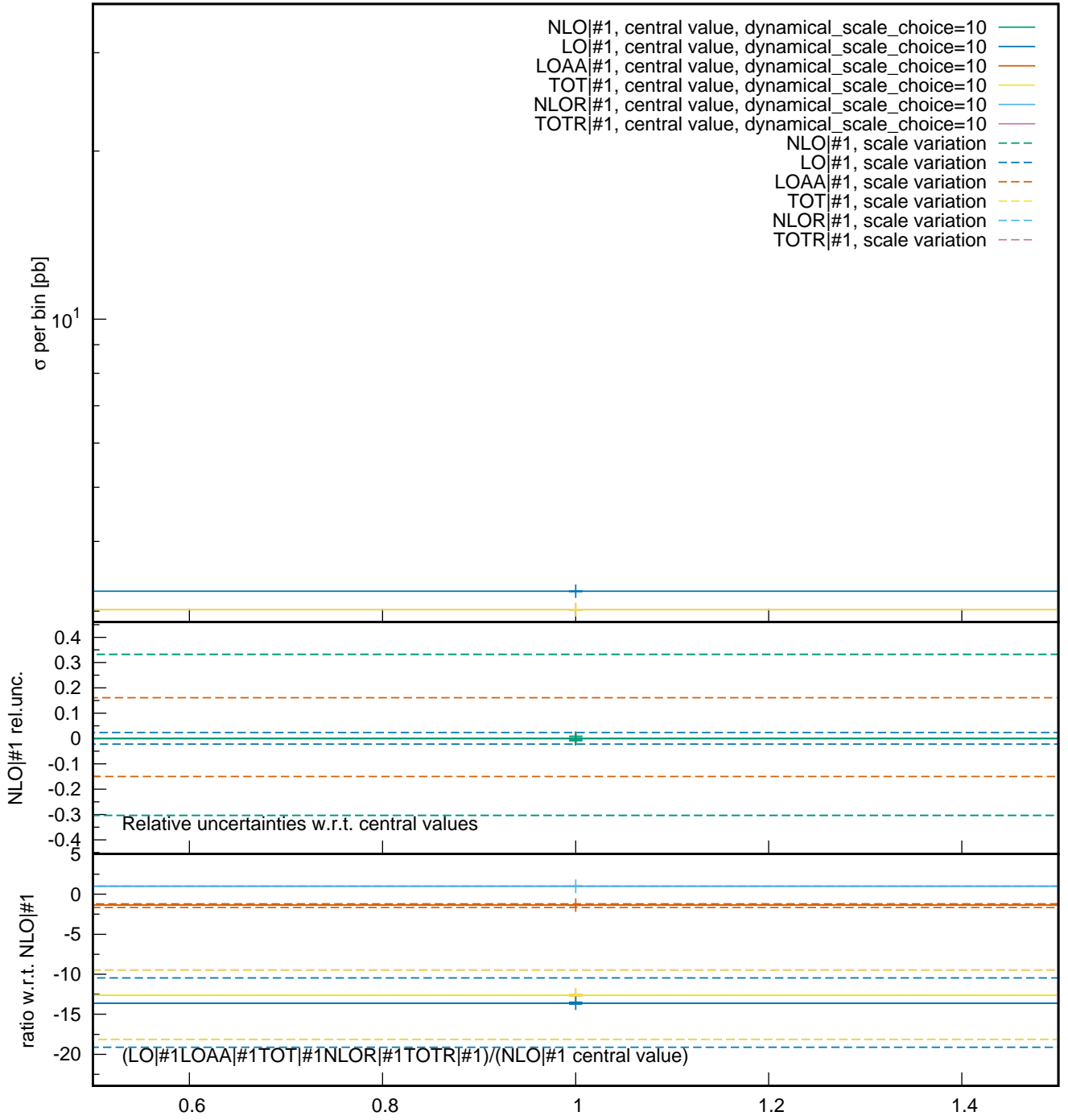


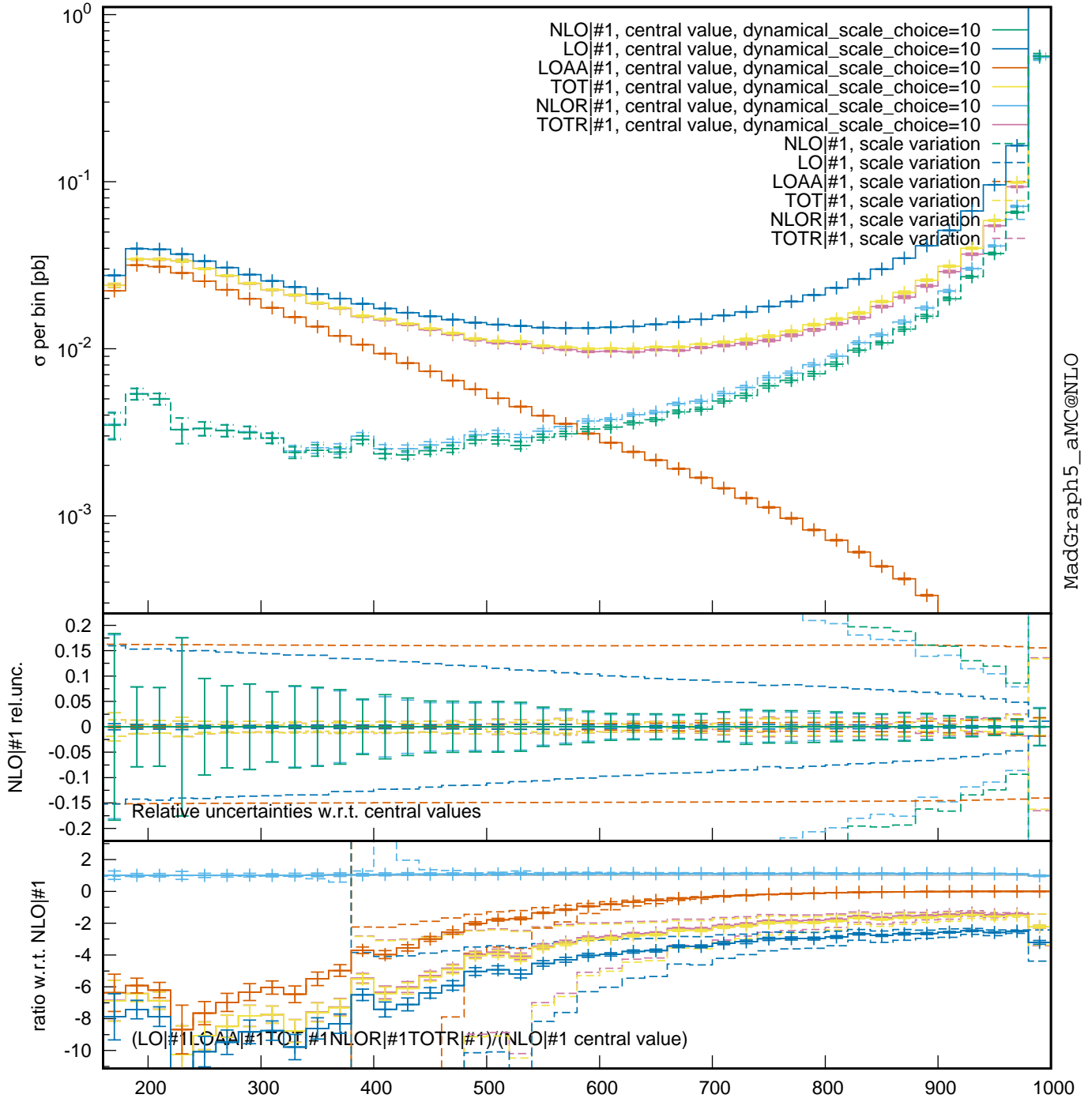
# total rate

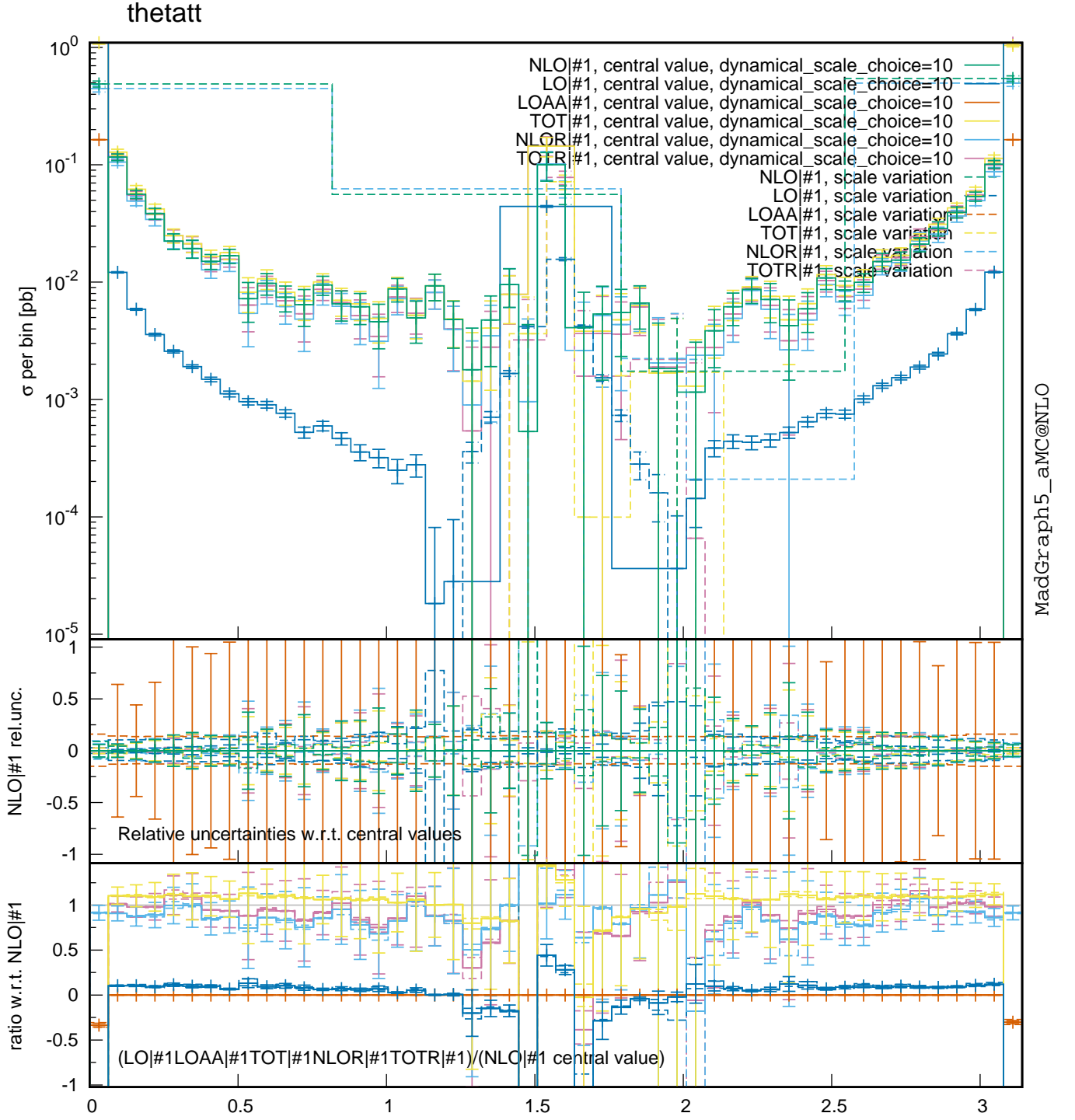


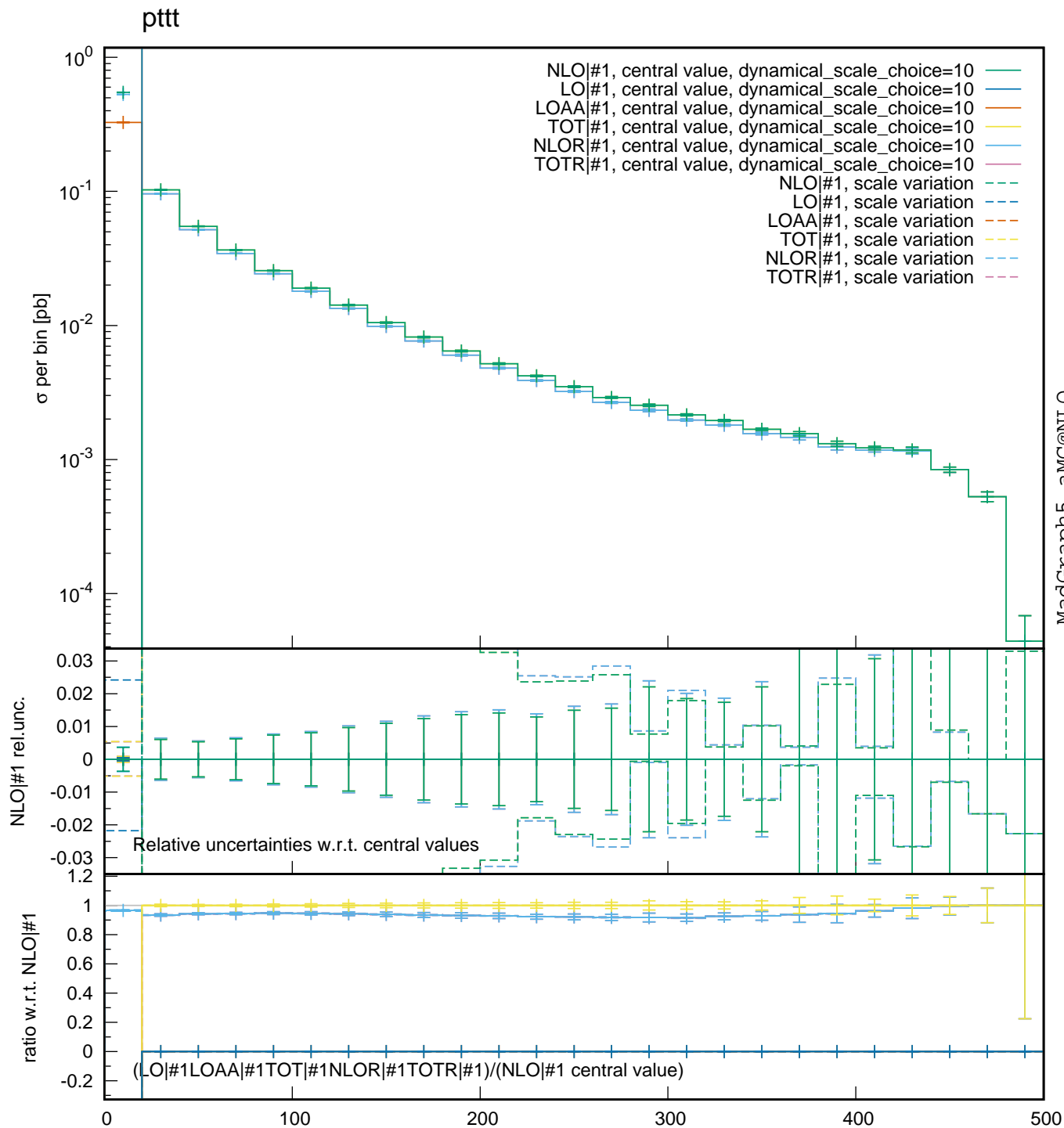
# total rate real

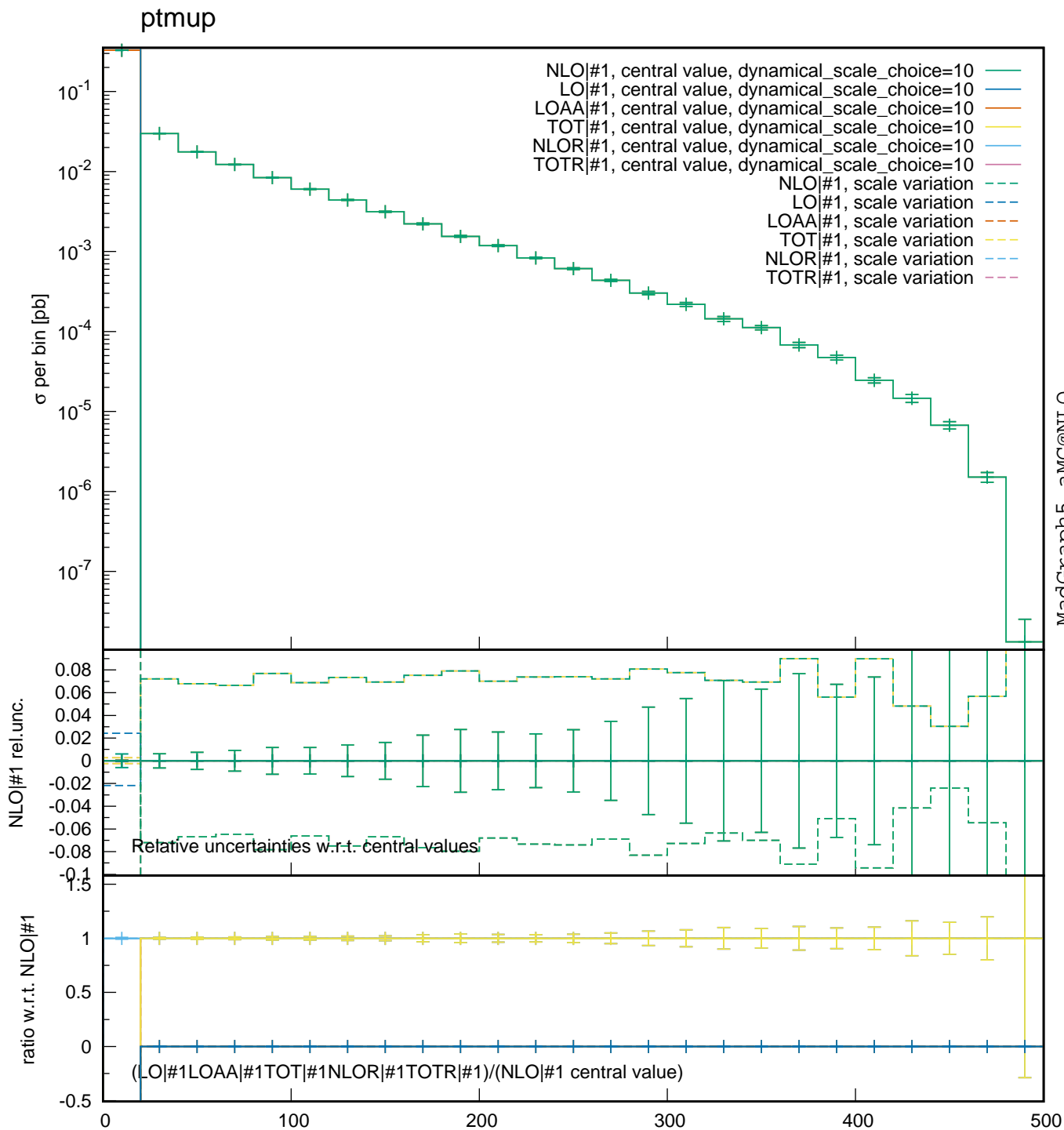


mtt

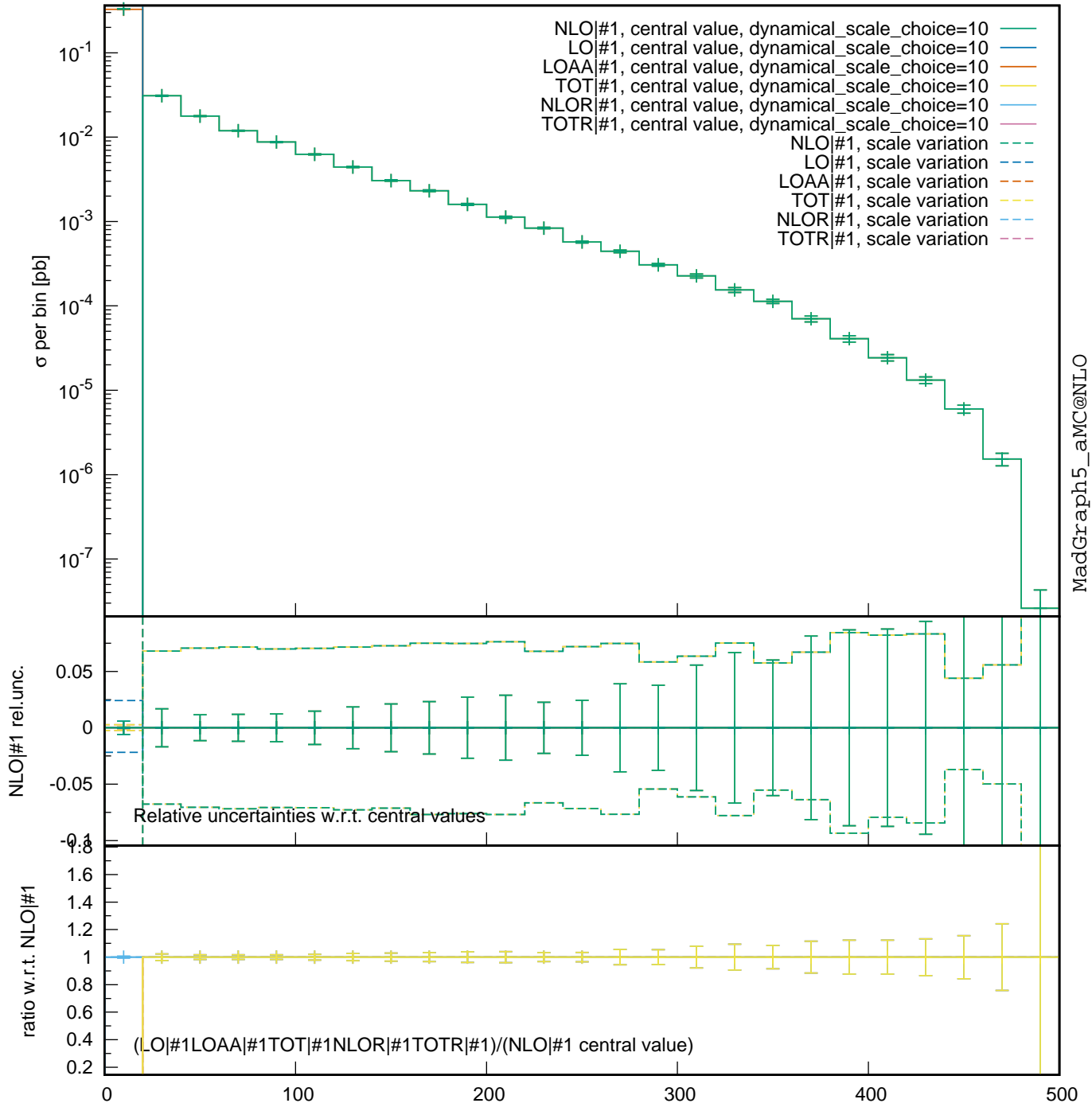




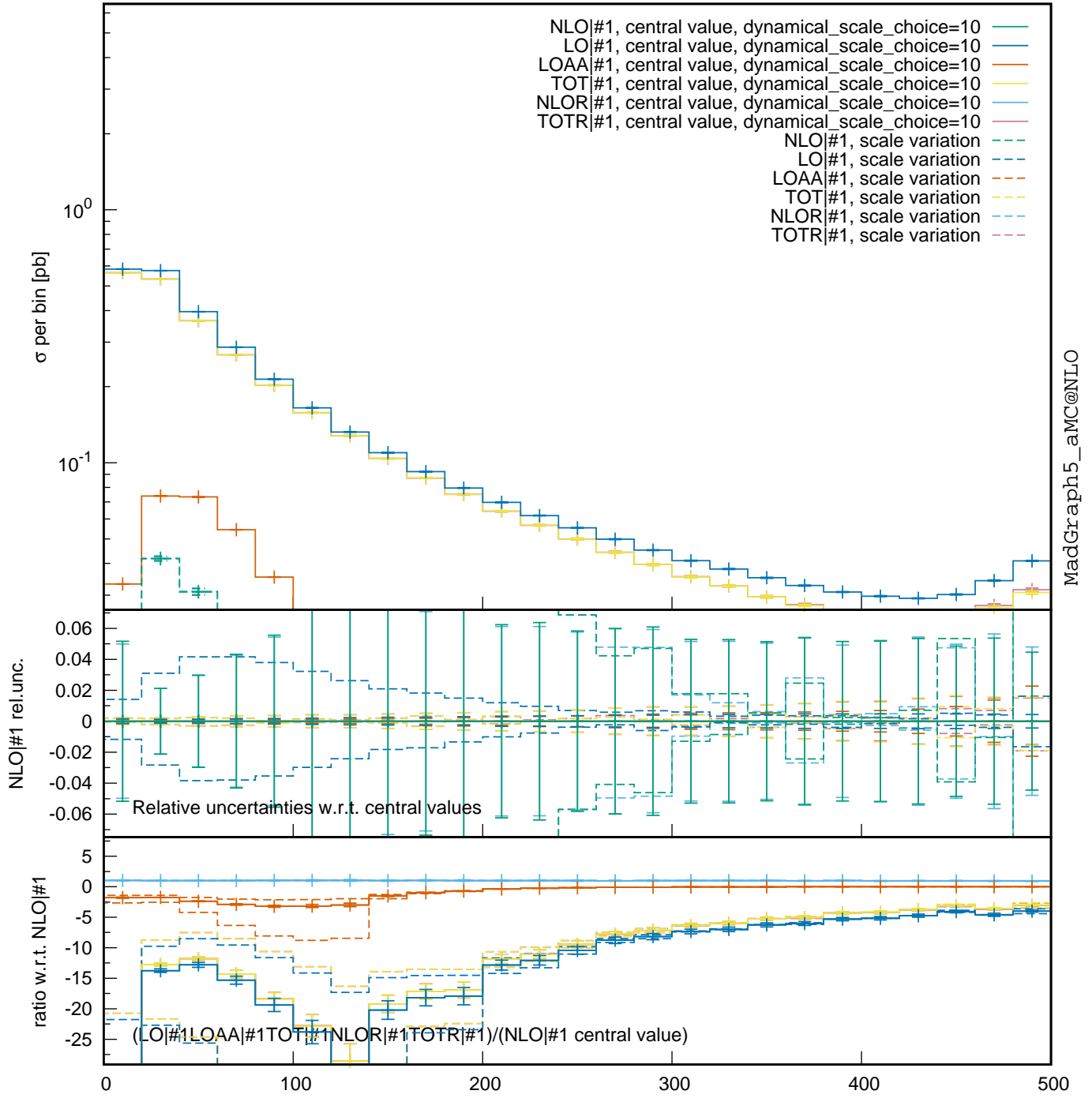




ptmum

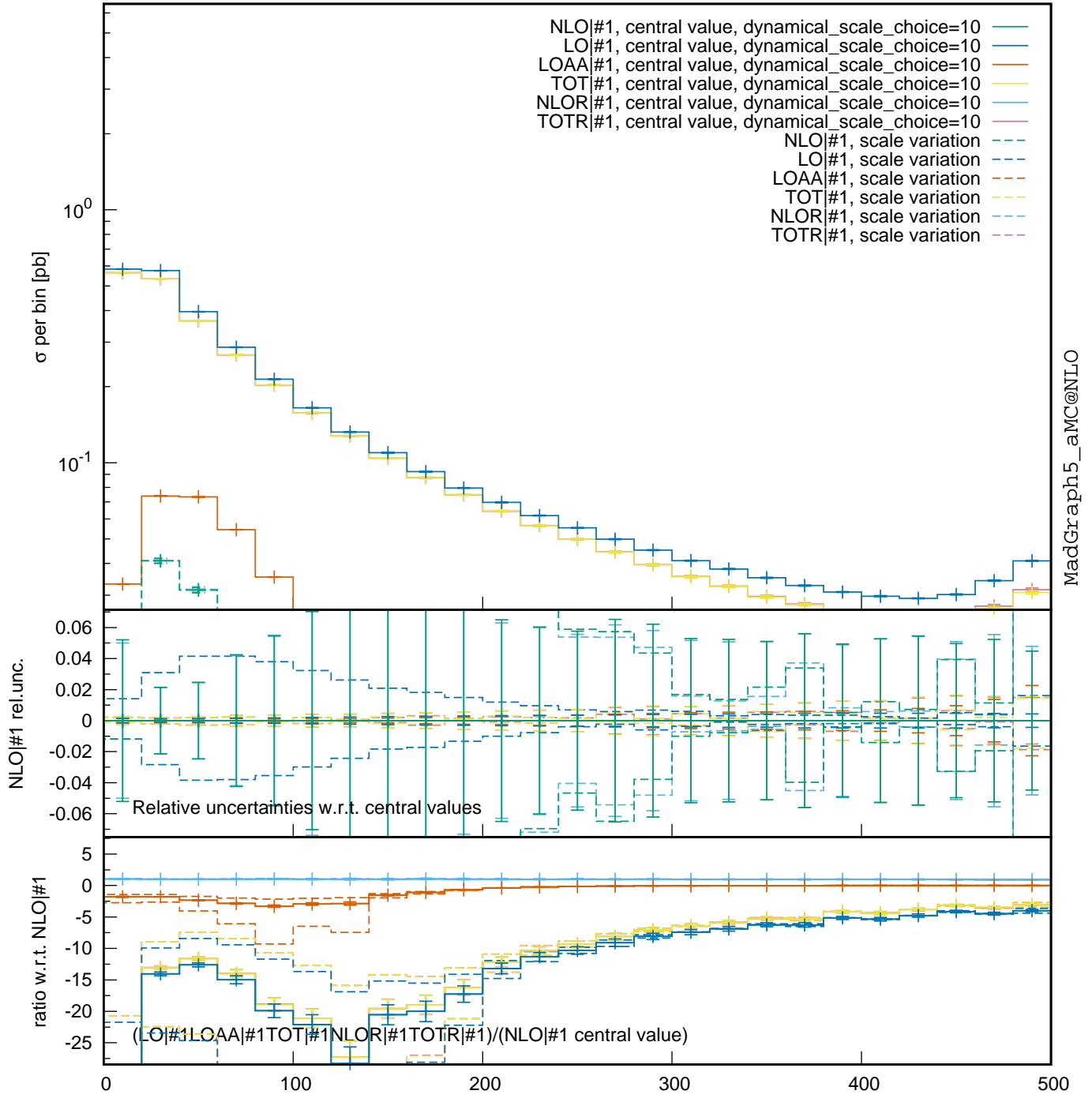


pttop

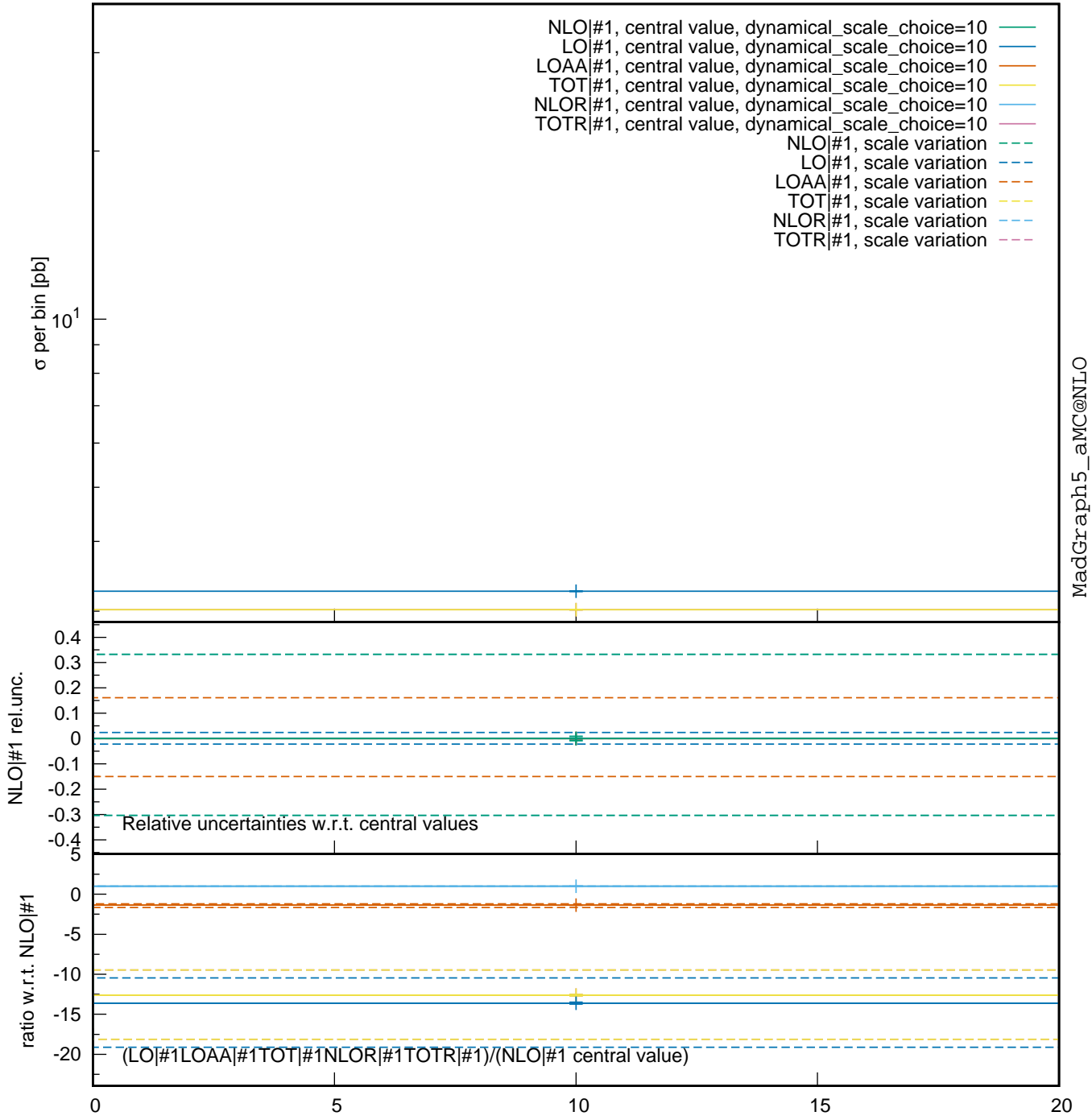




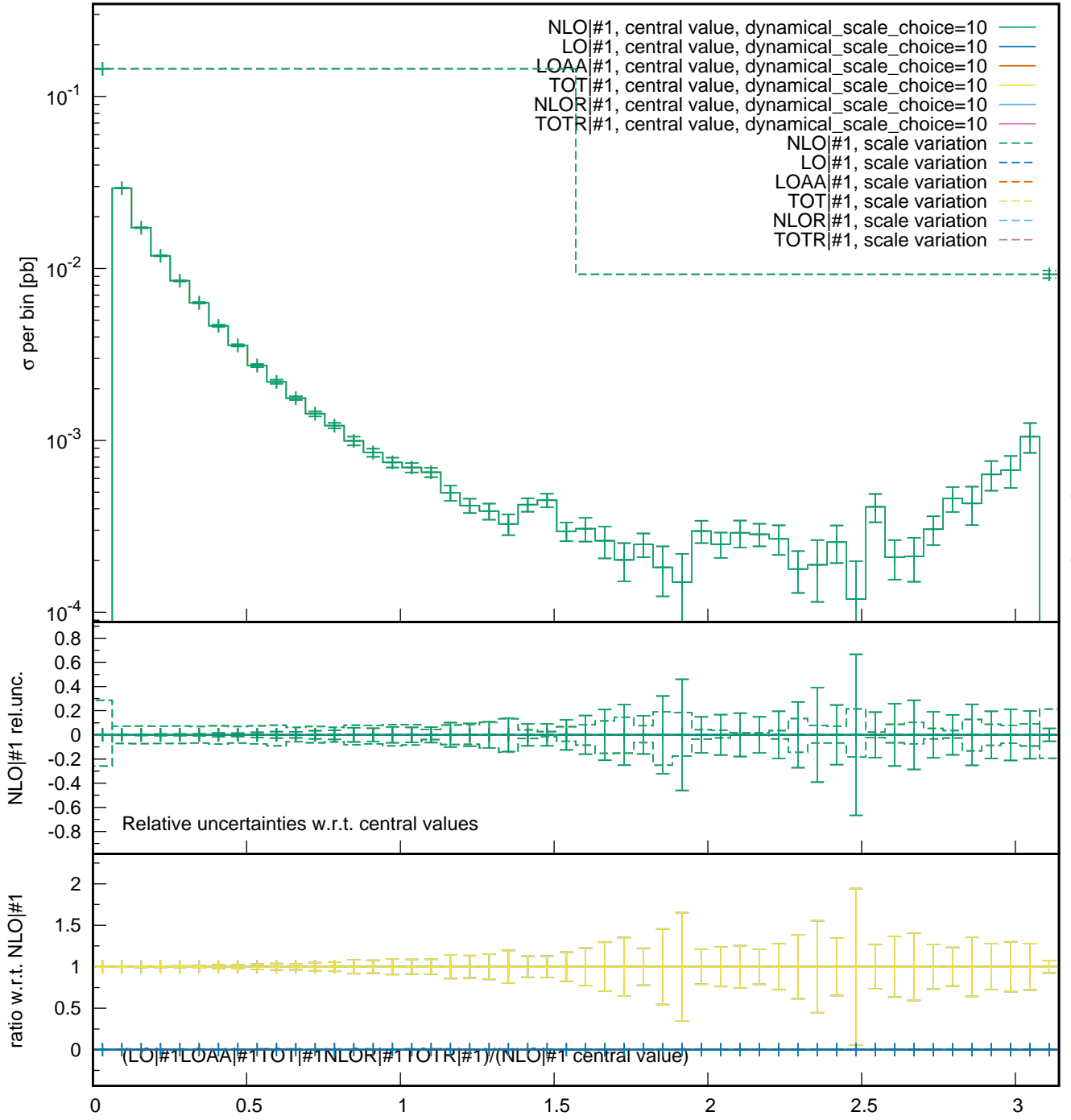
ptatop



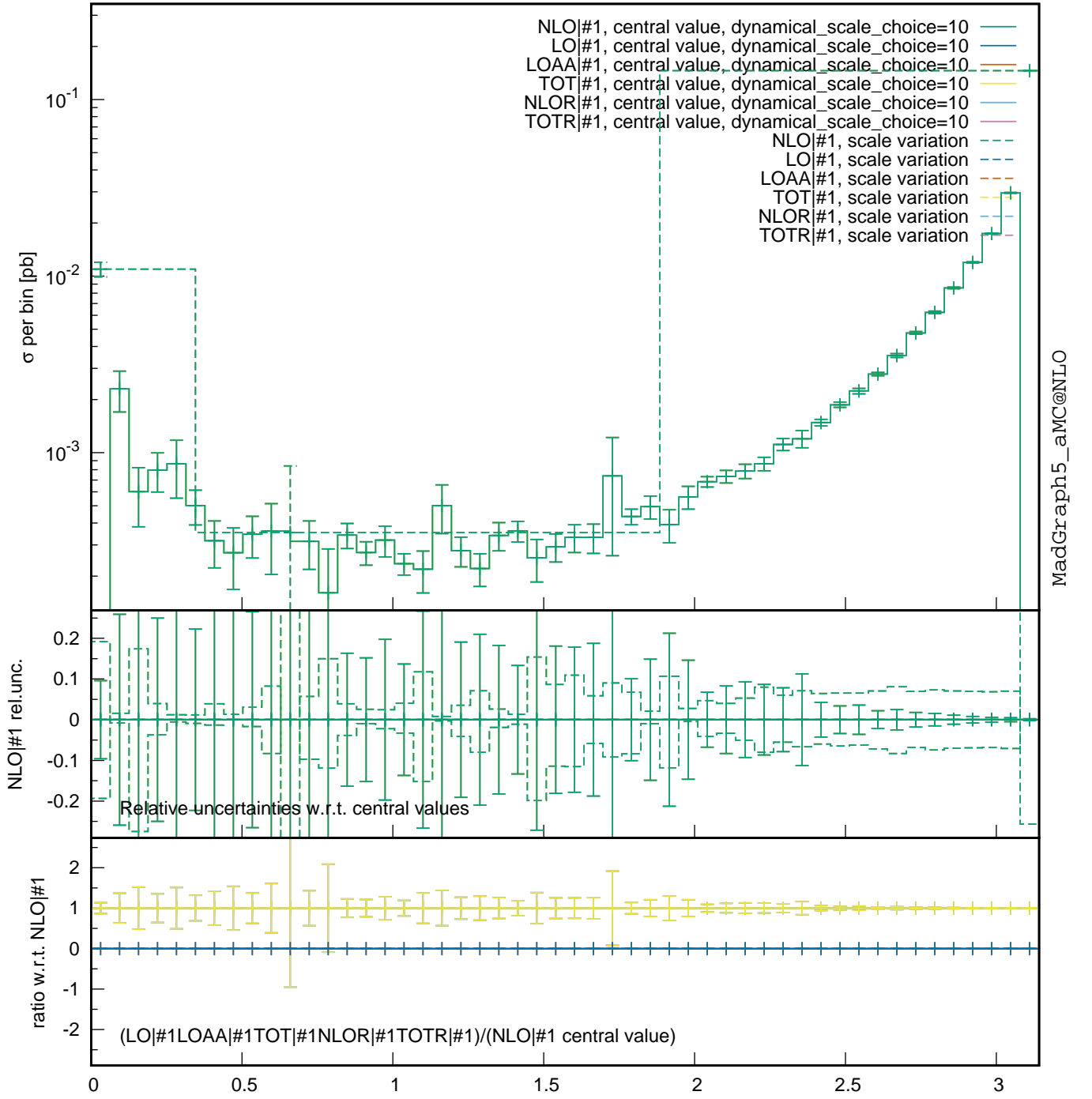
mmumu



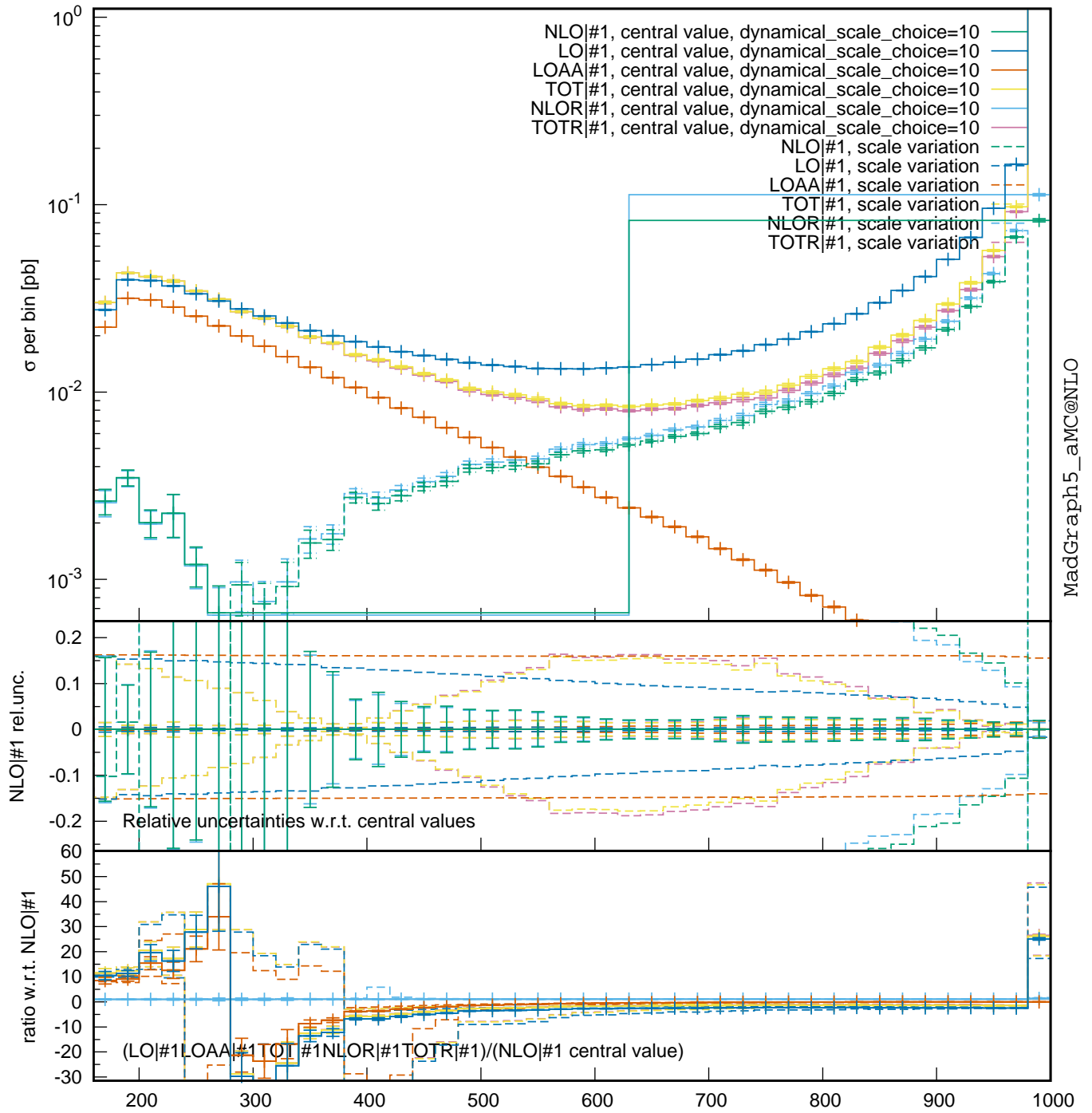
thetamup



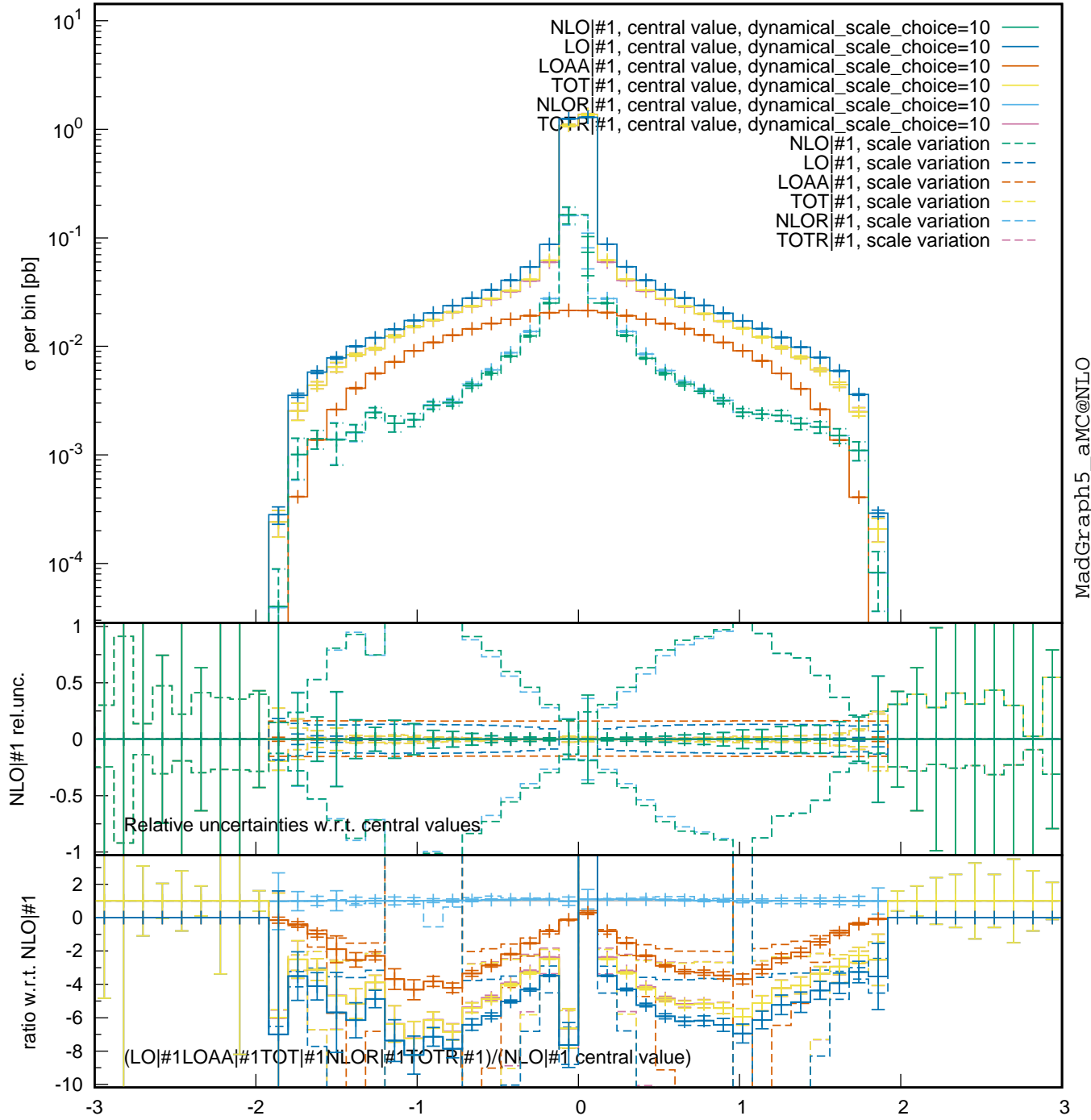
thetamum



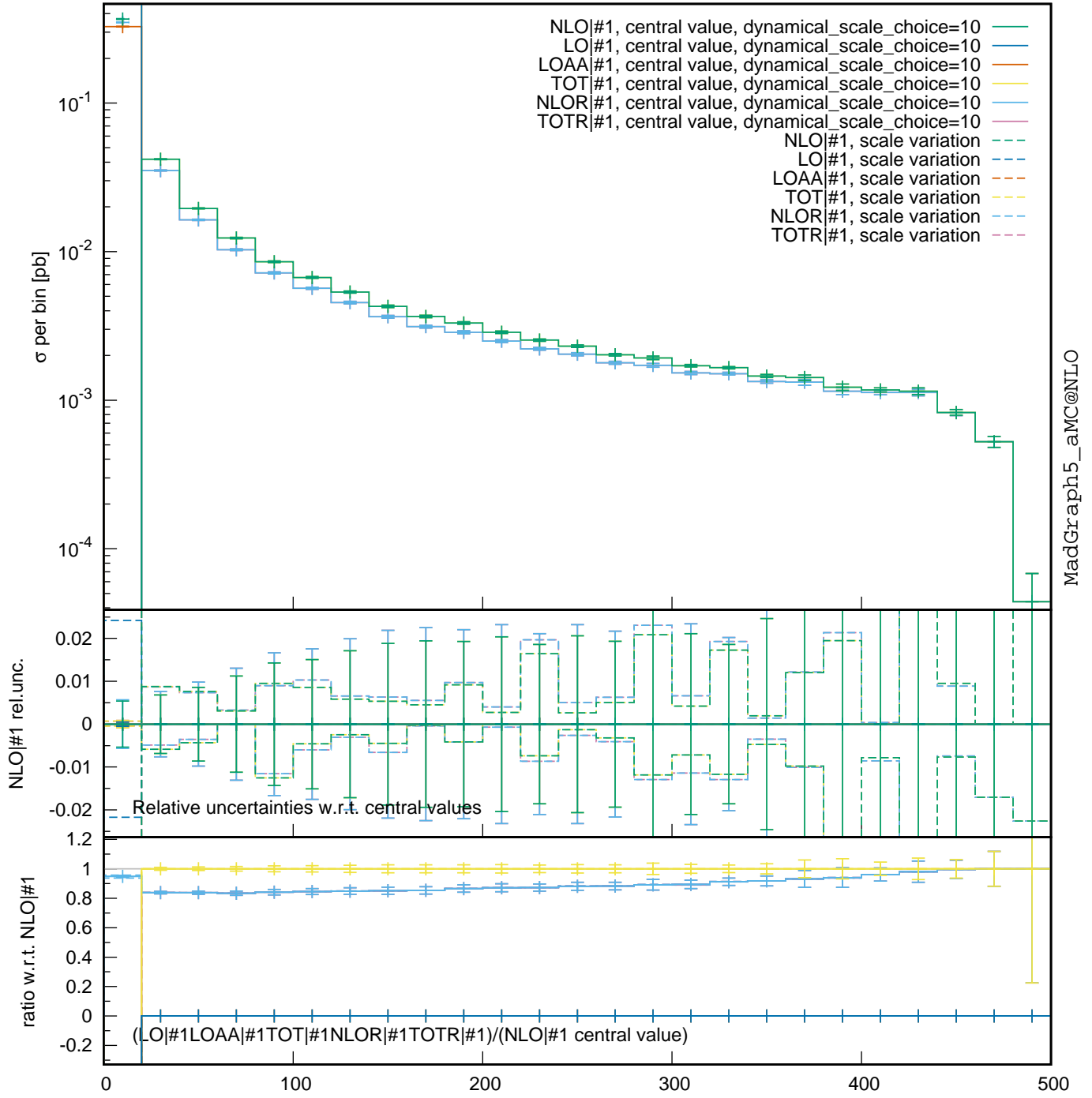
# 2mu2top invm



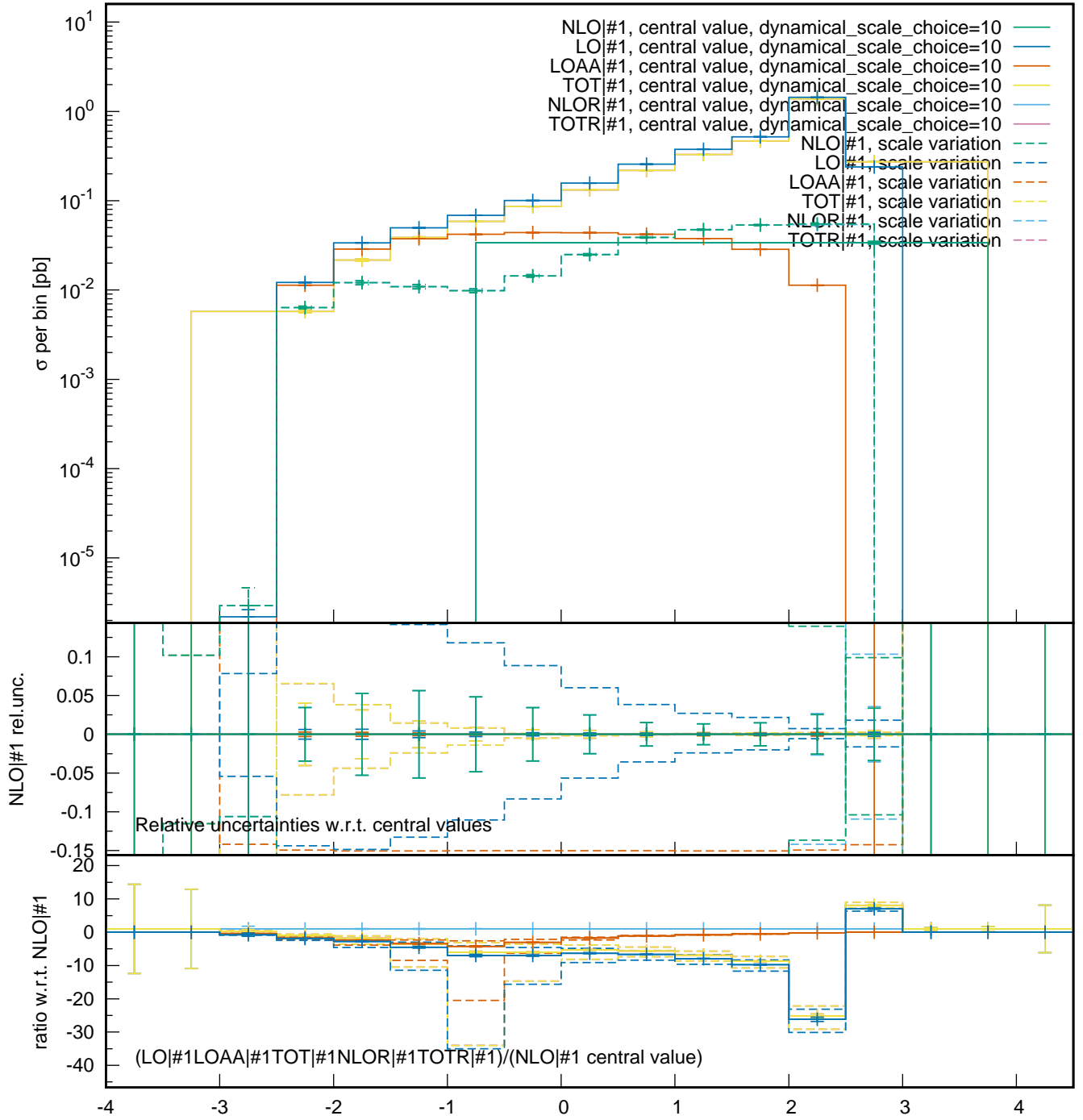
# 2mu2top rap



# 2mu2top pt

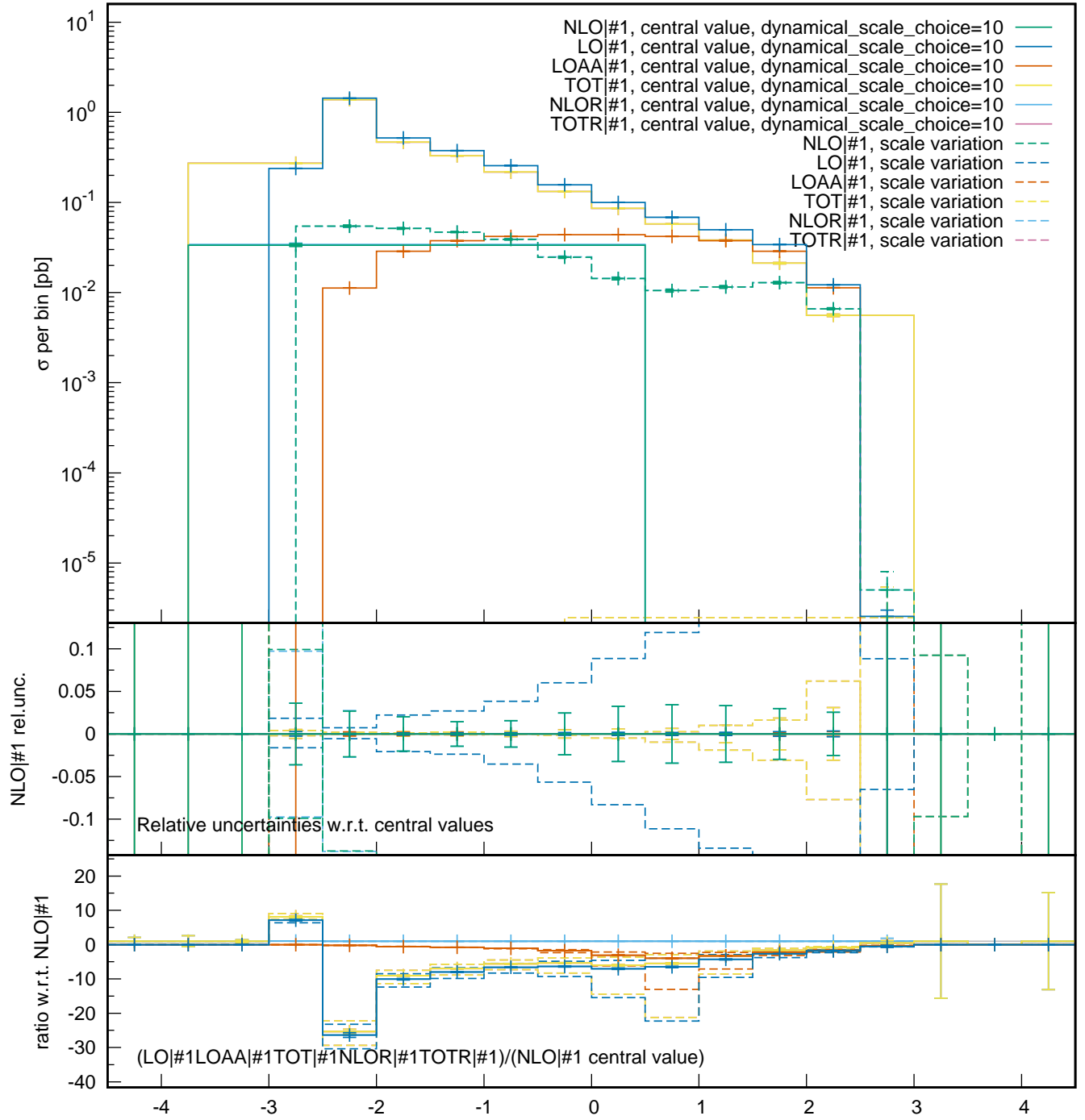


top rap

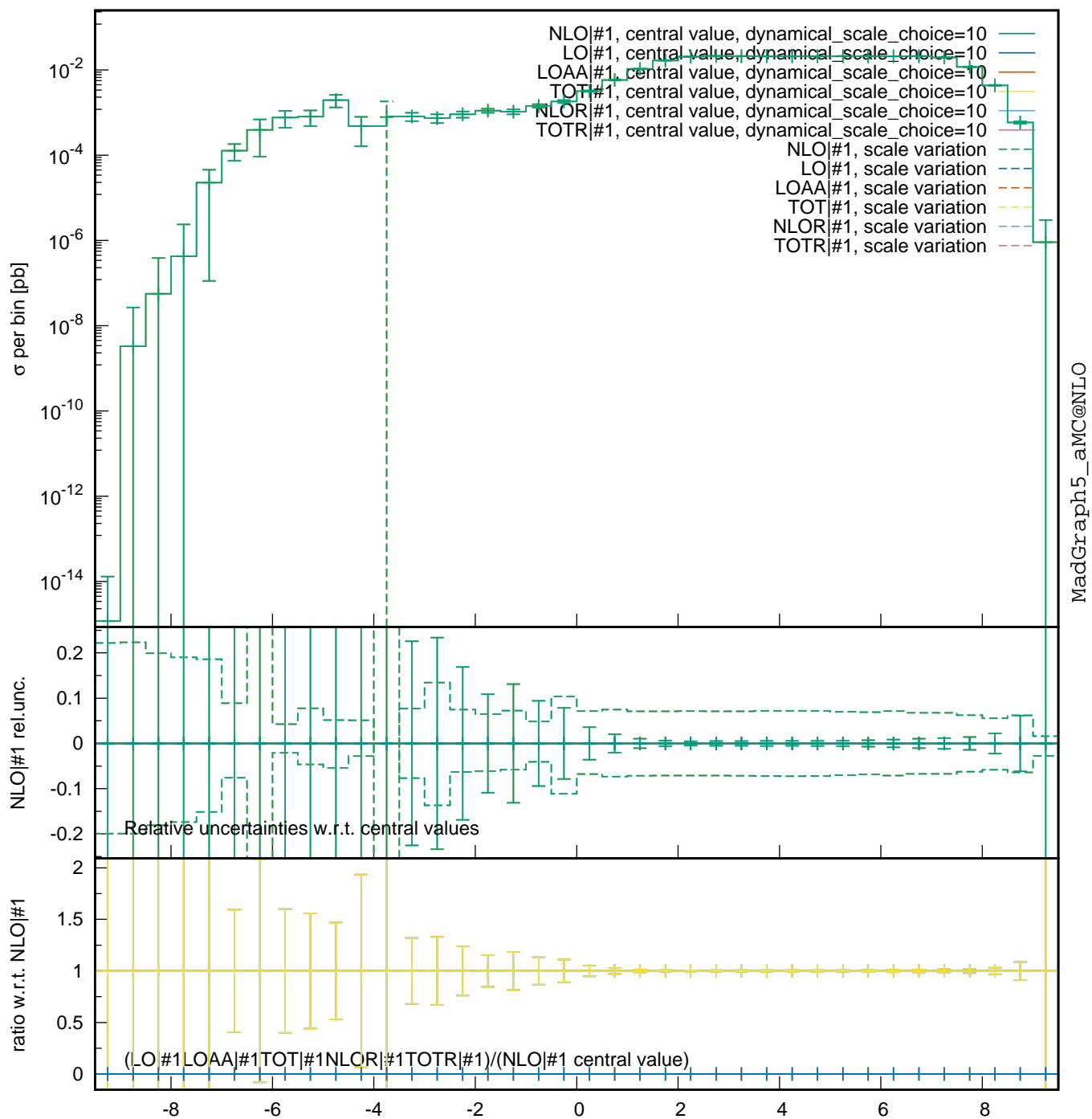




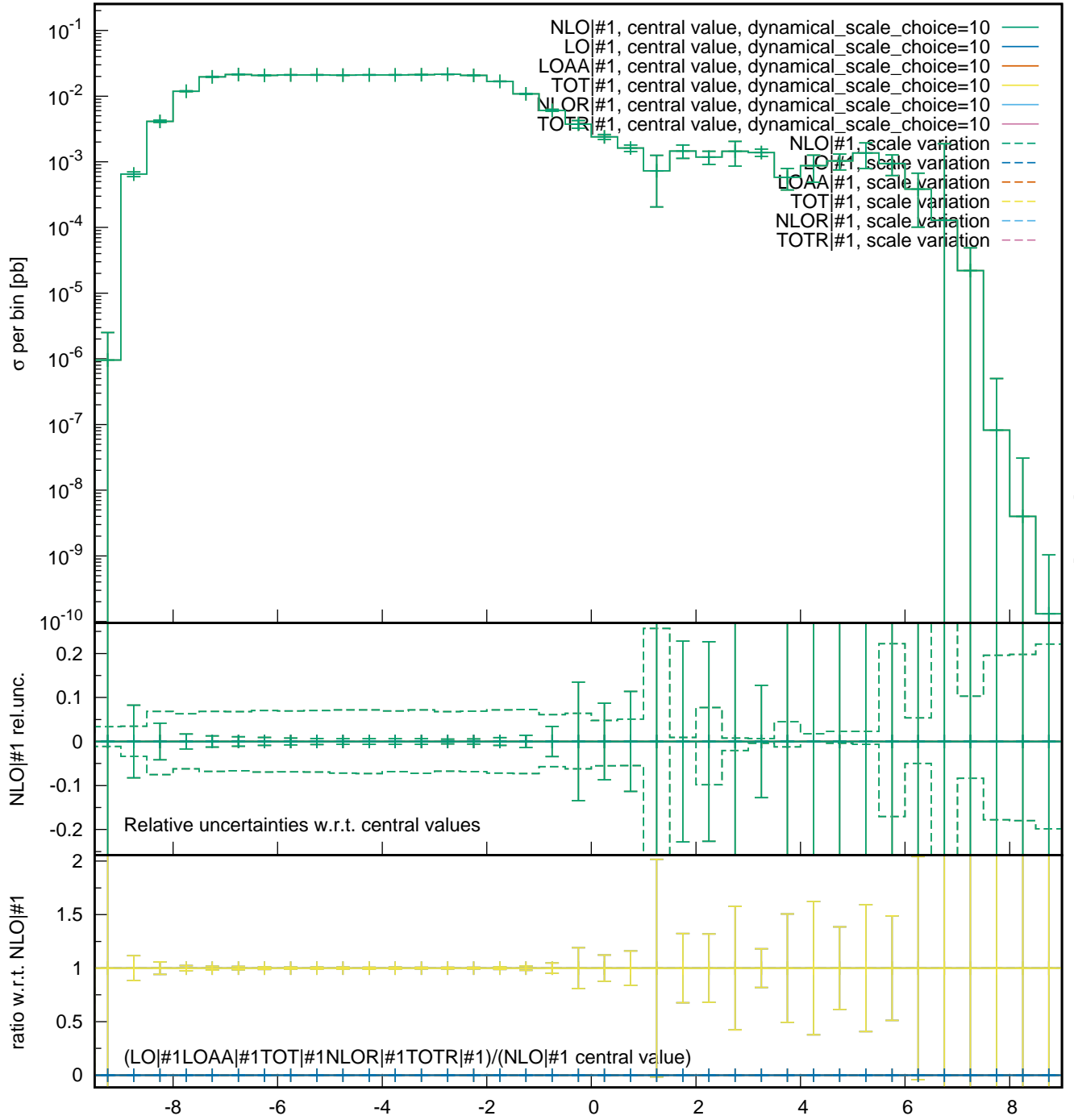
atop rap



mup rap



mum rap



tt rap

