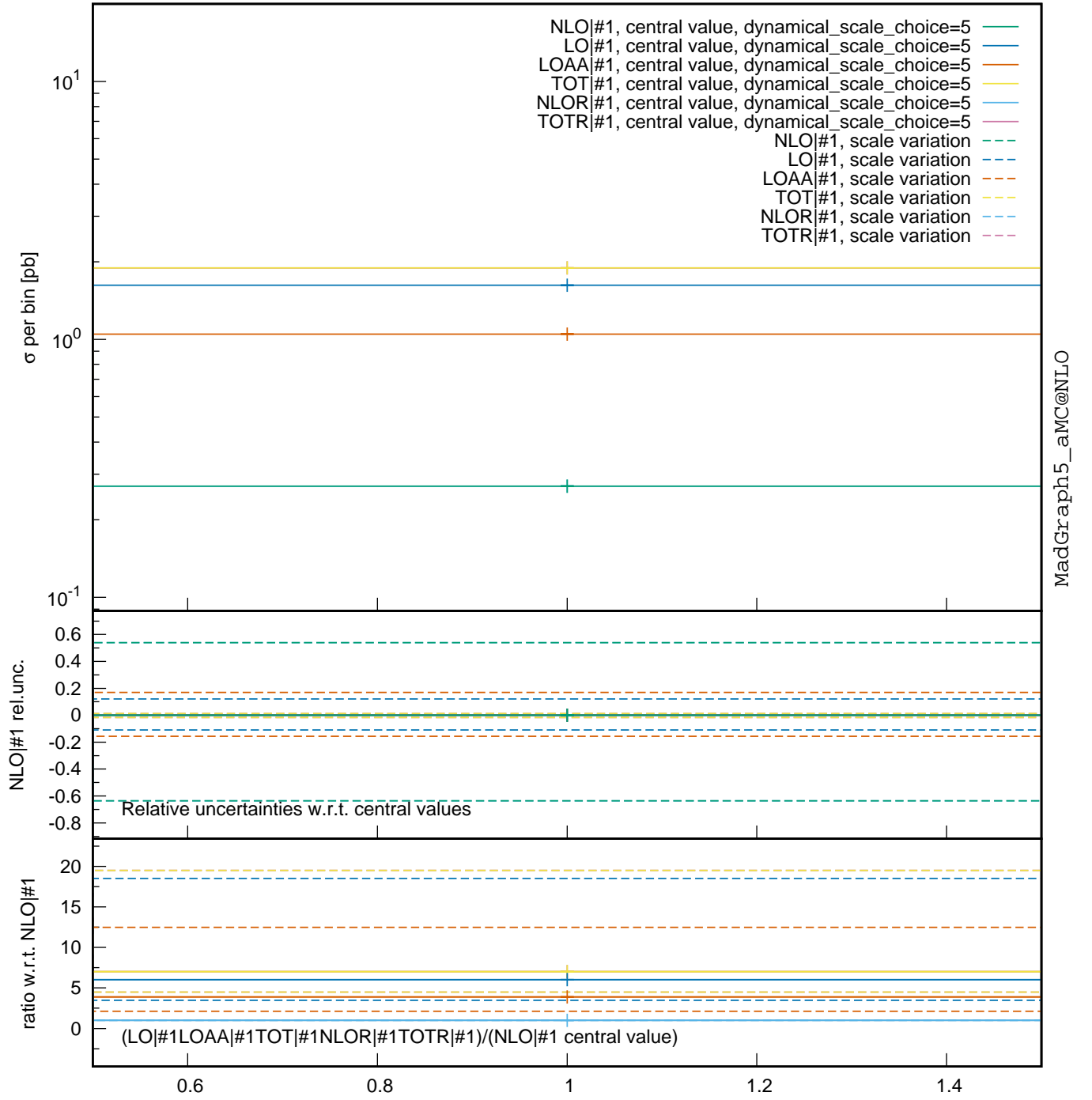
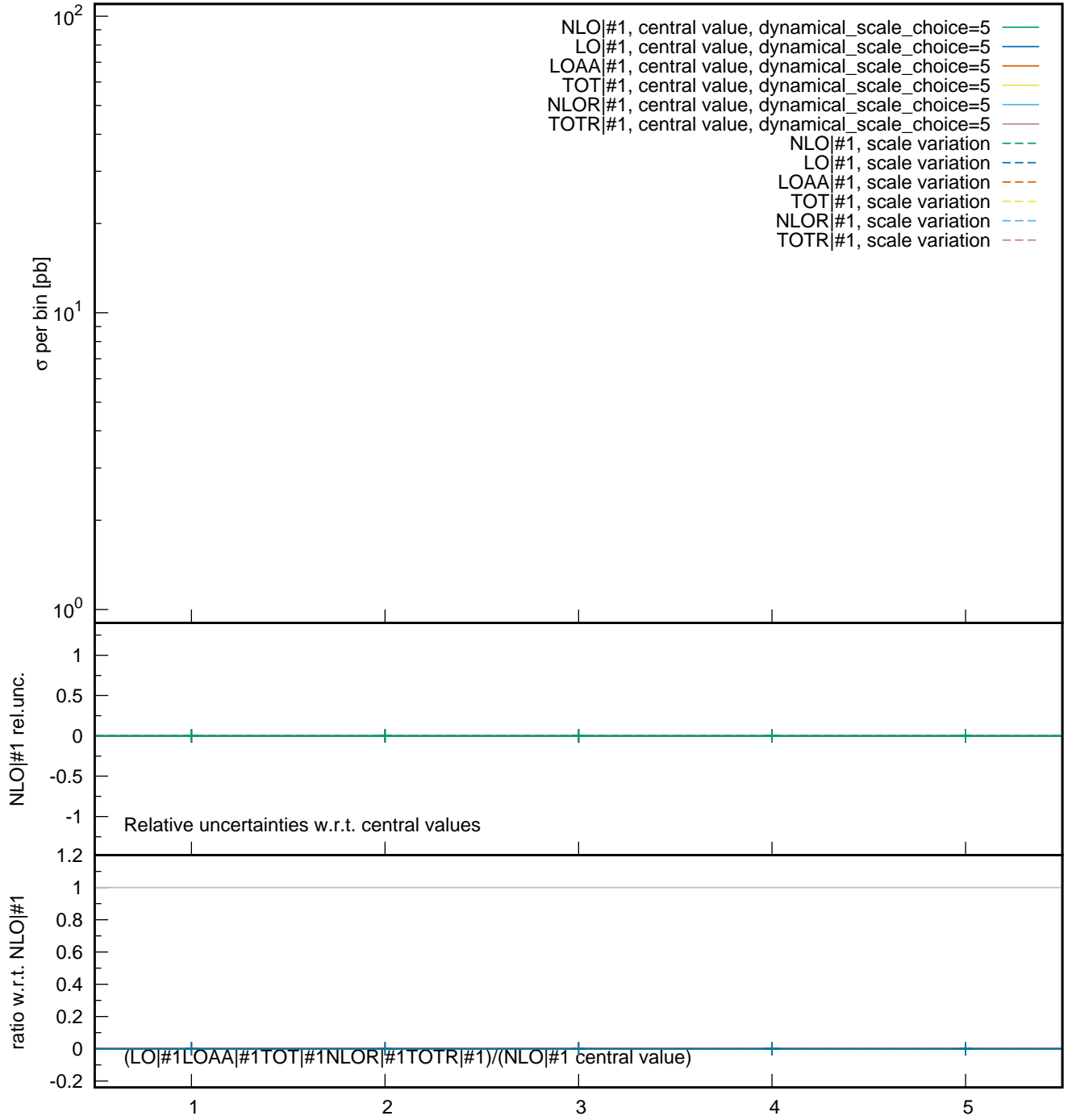


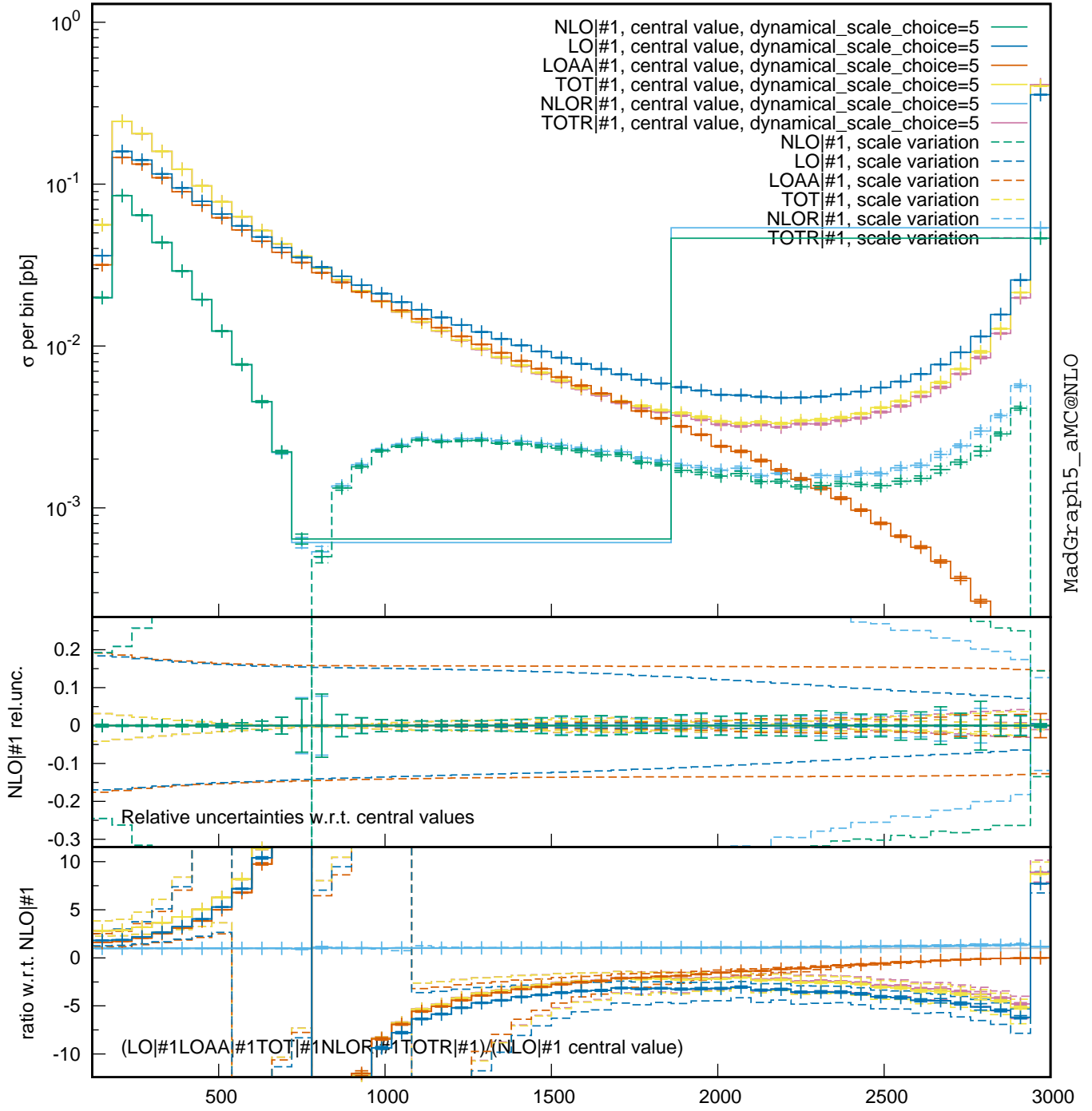
# total rate



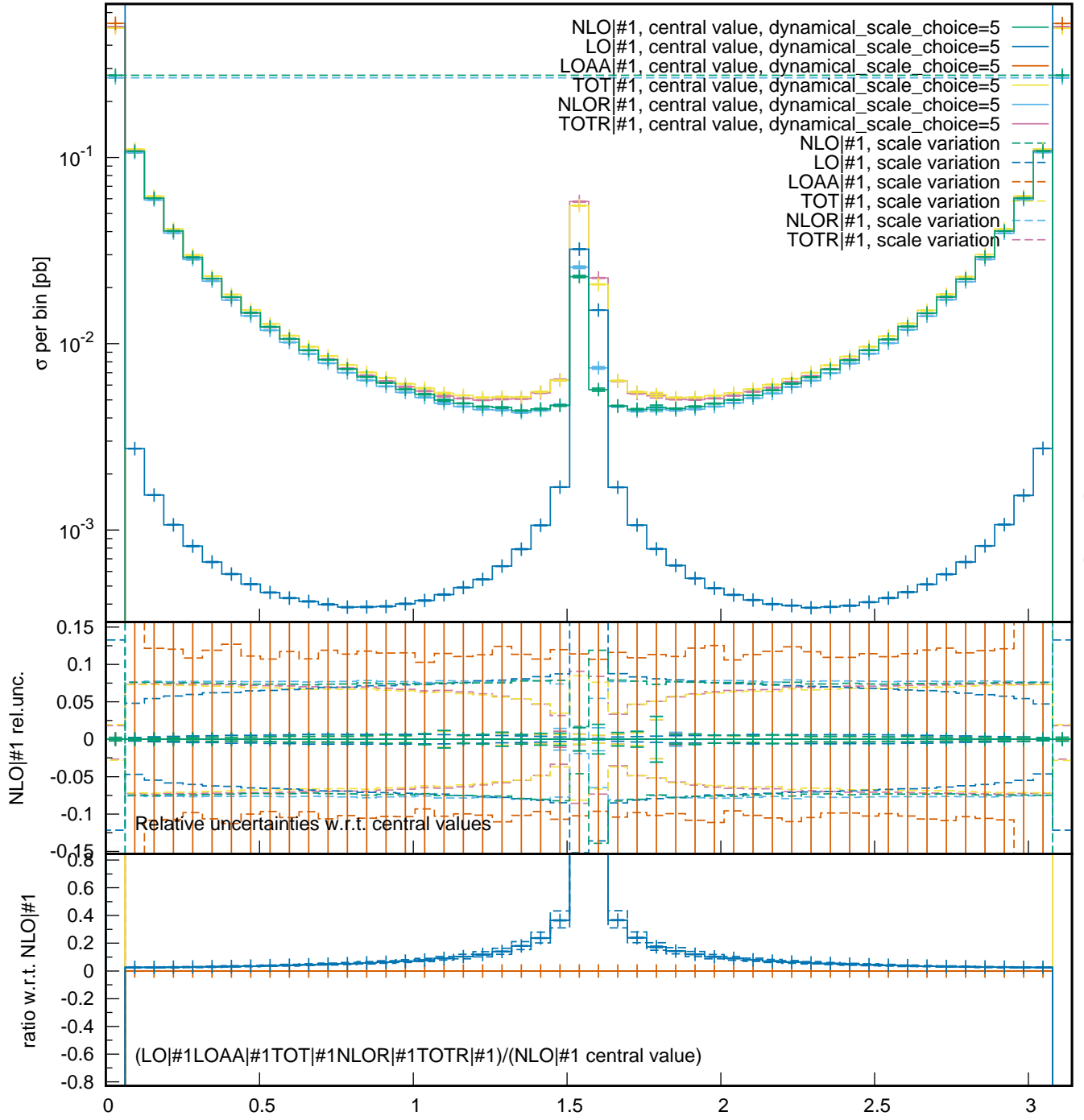
# total rate real



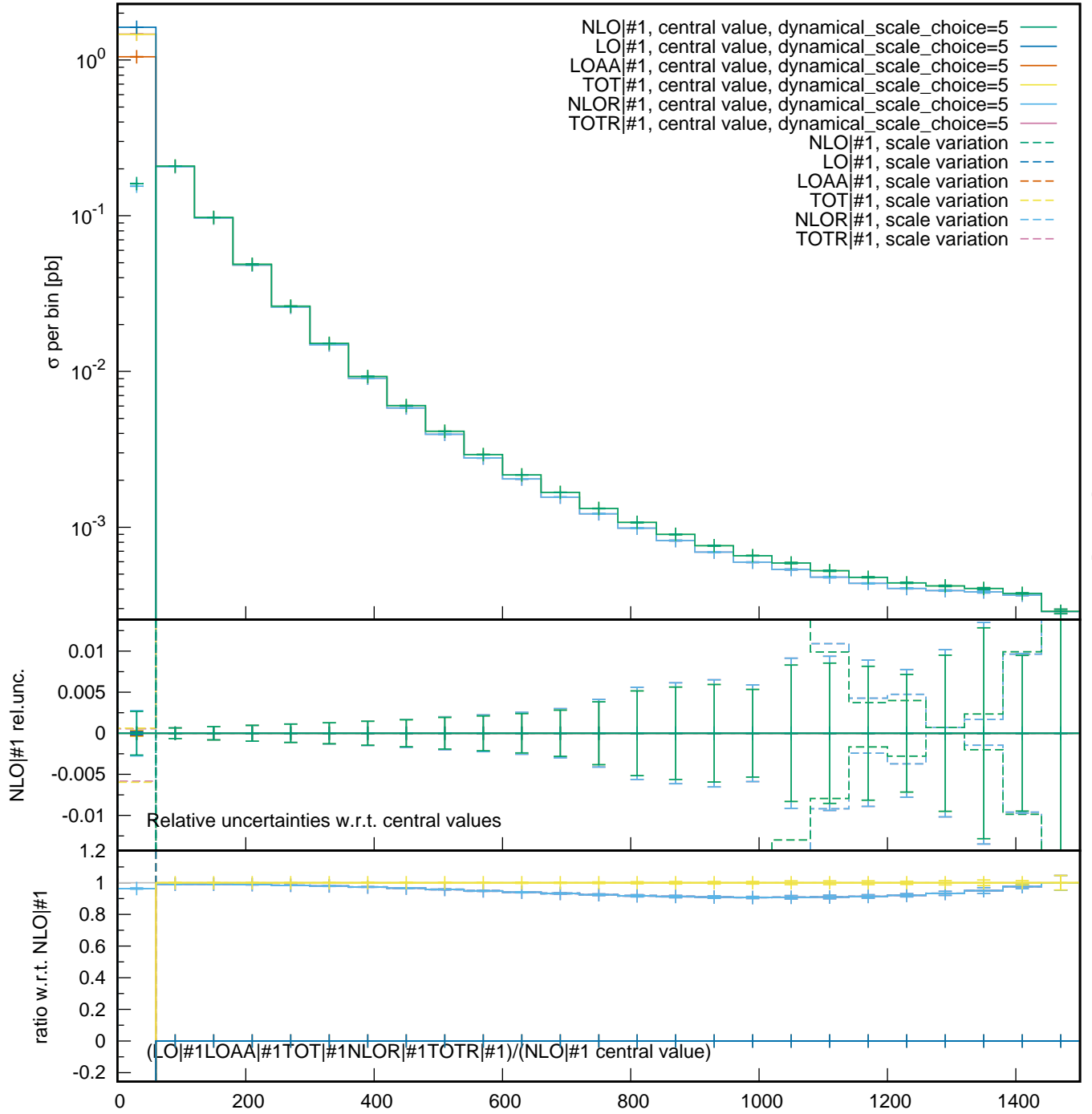
mtt



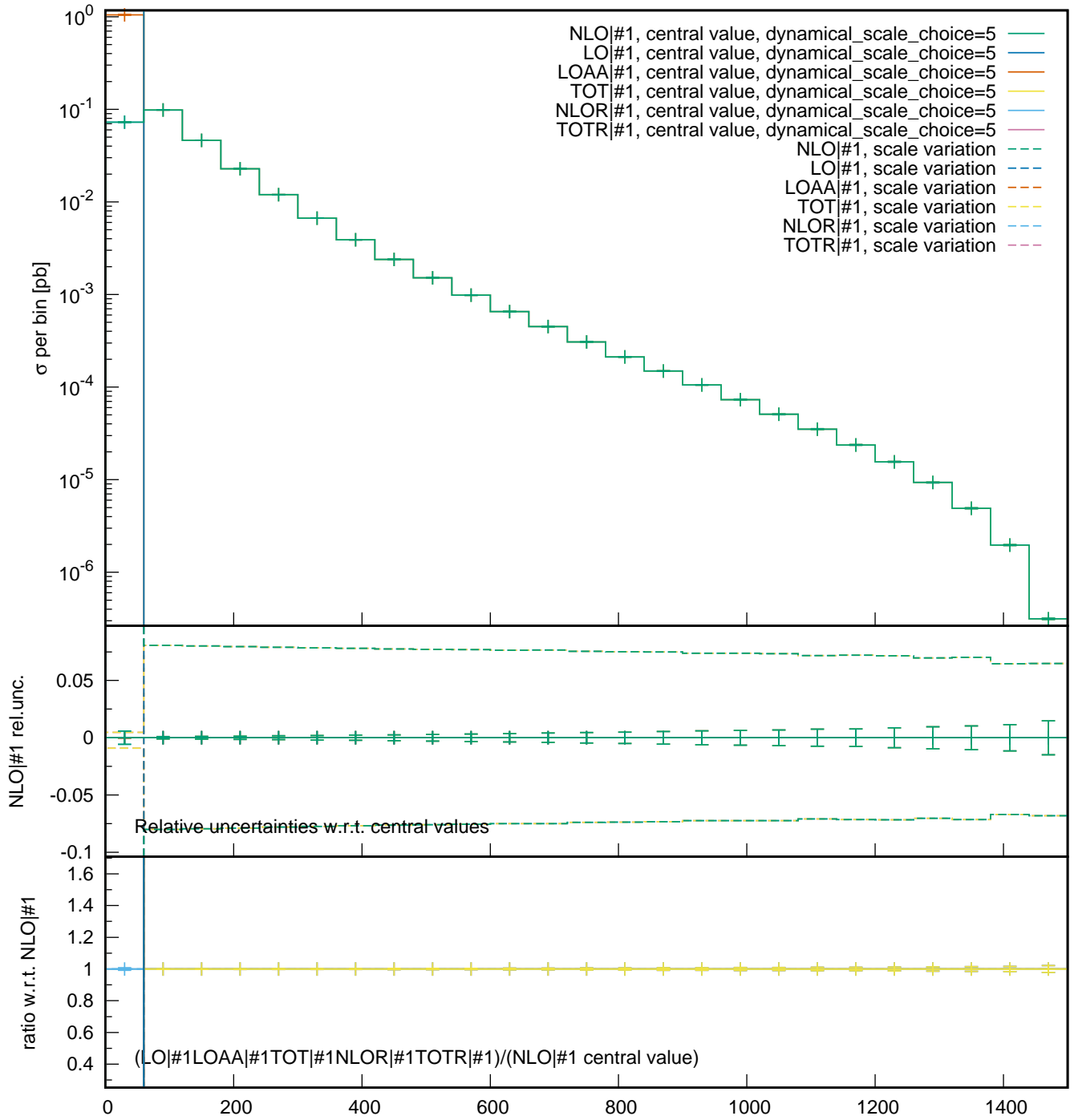
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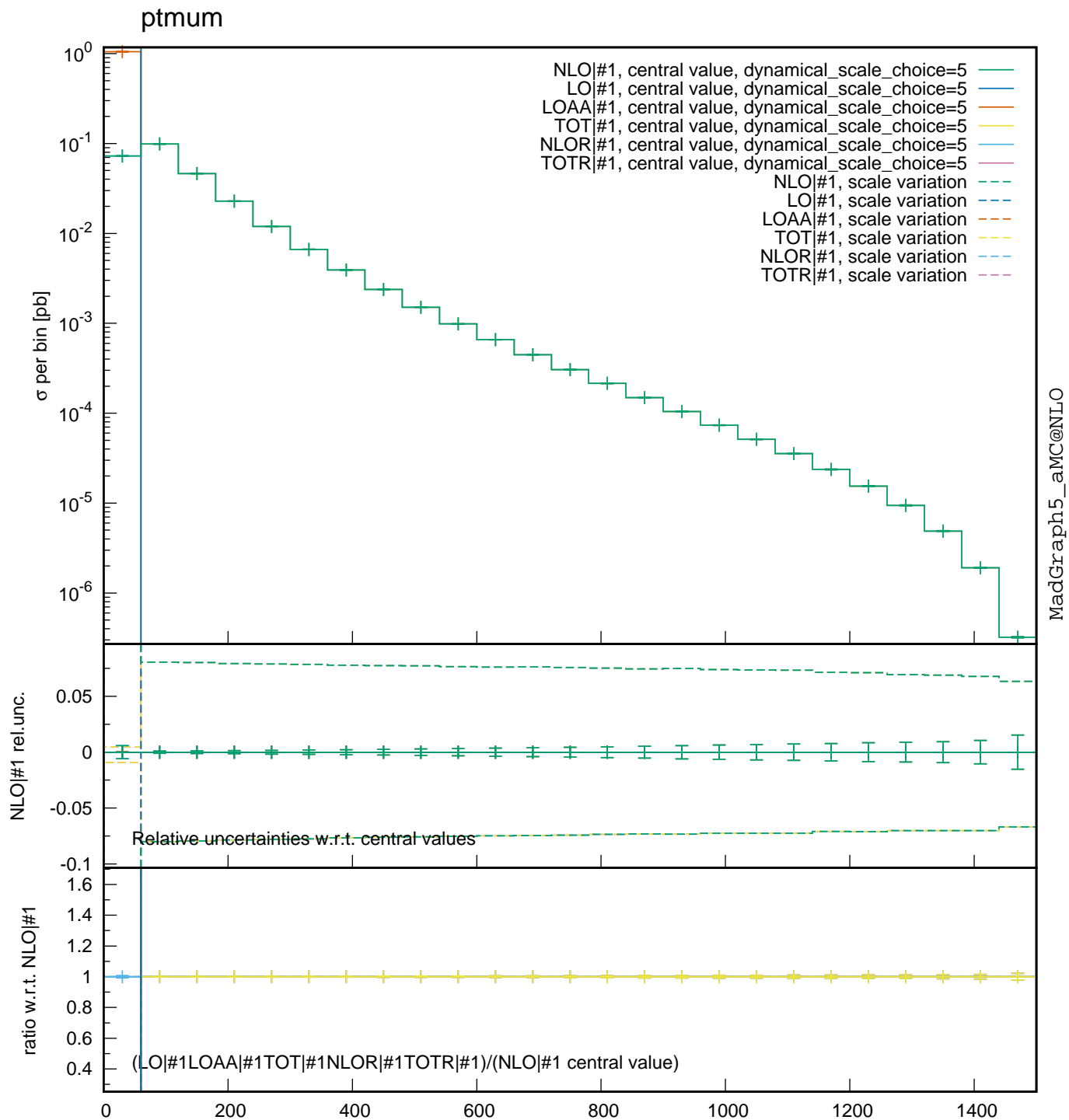


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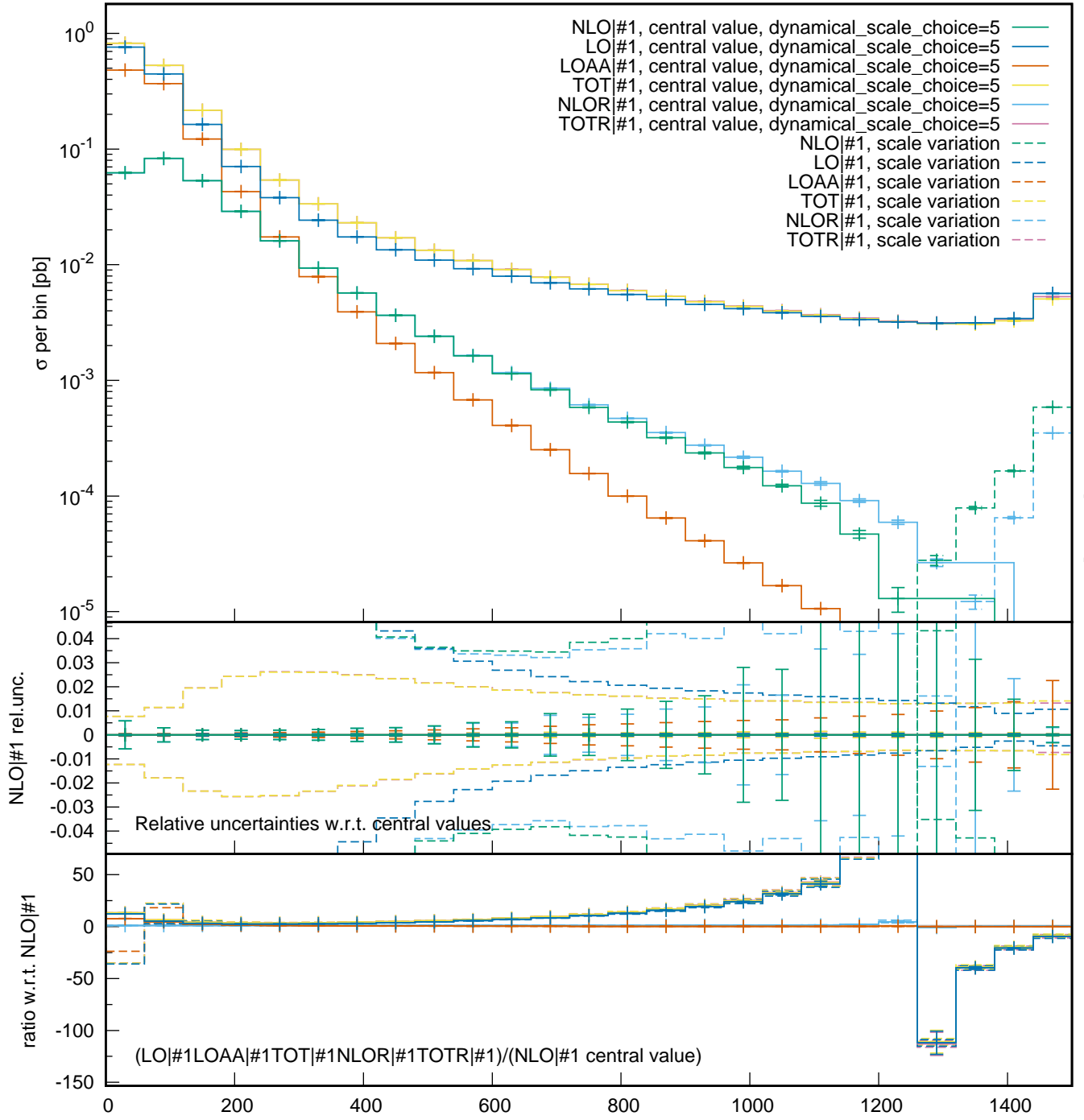


ptmup



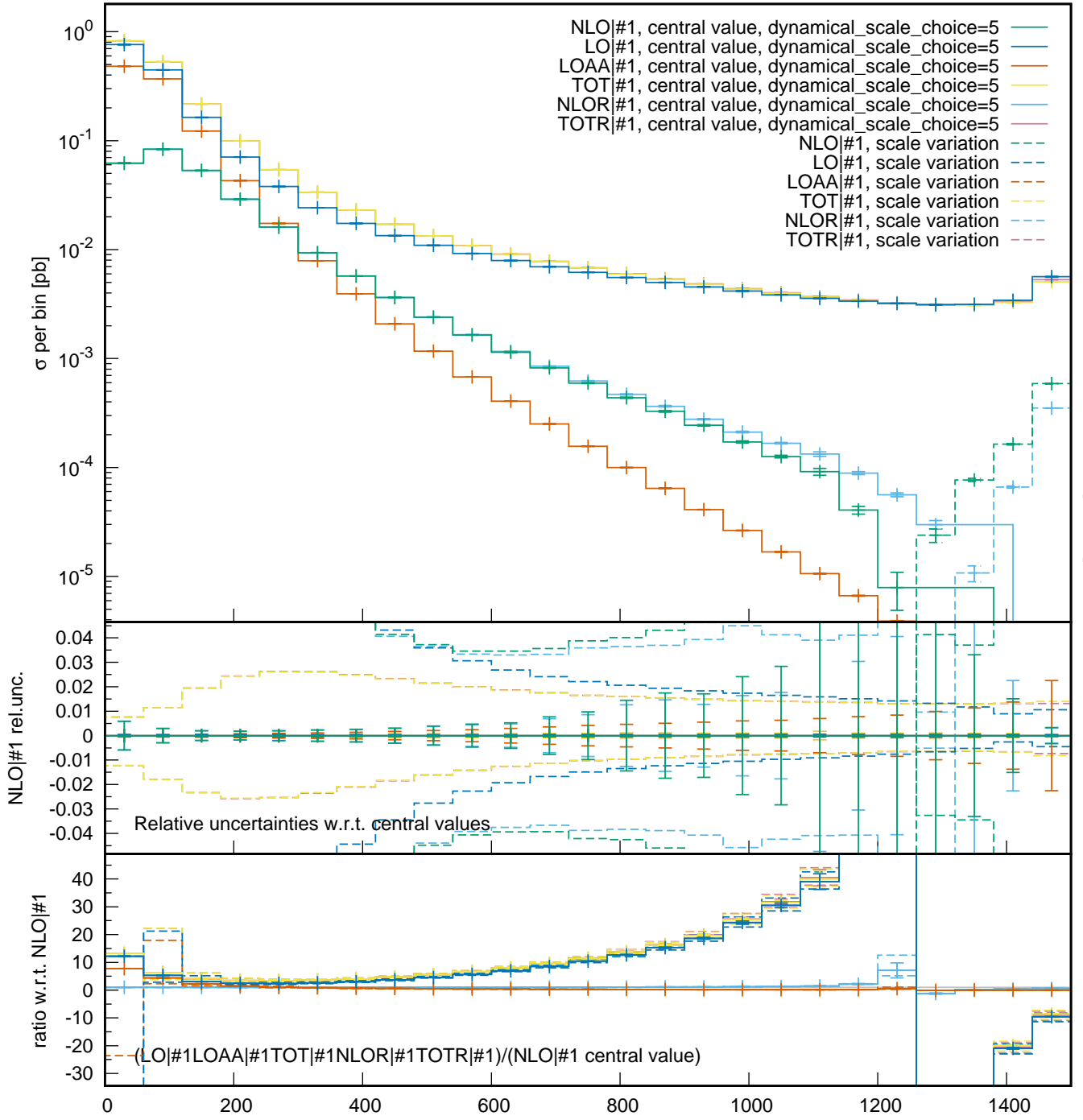


pttop

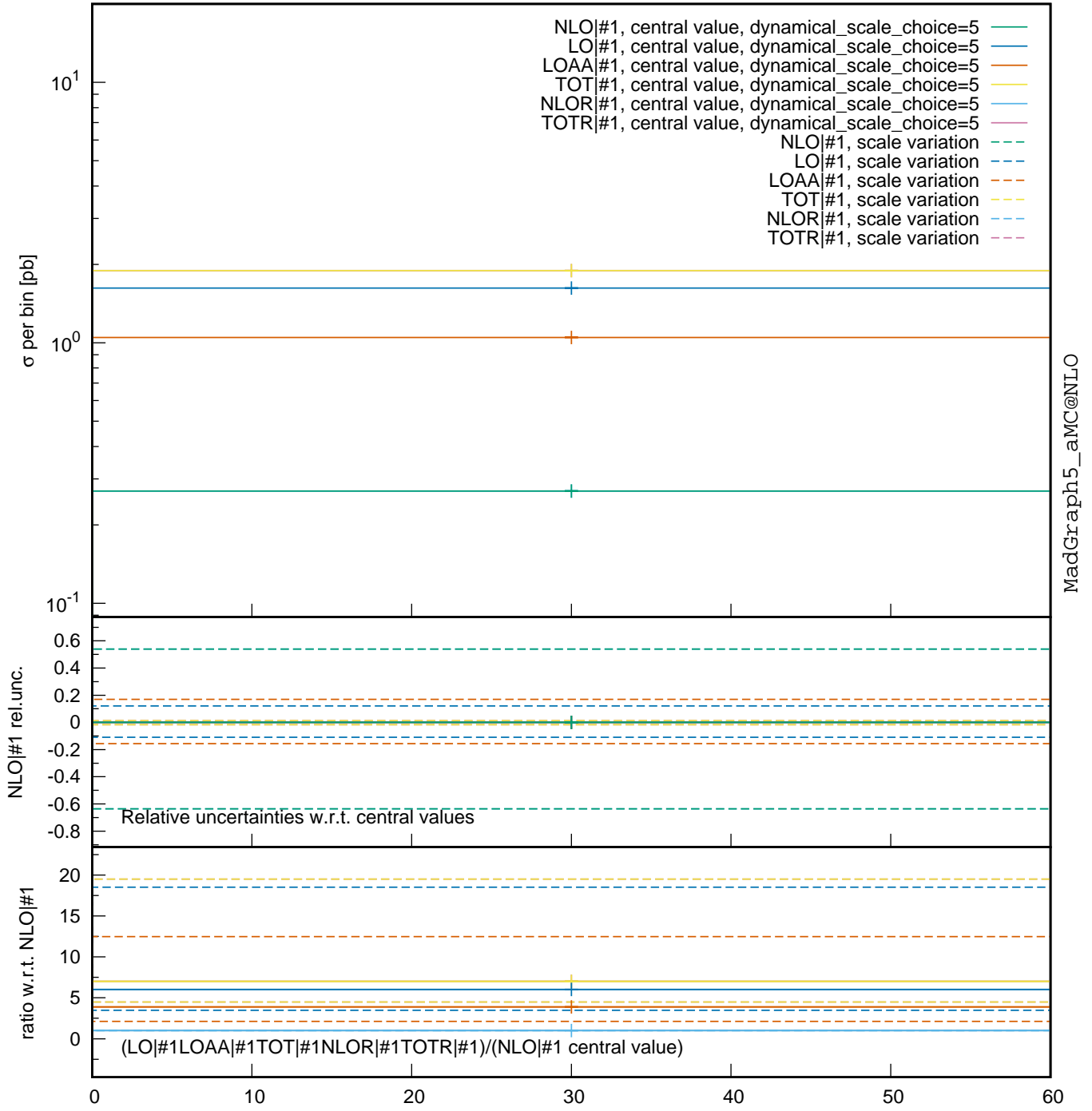




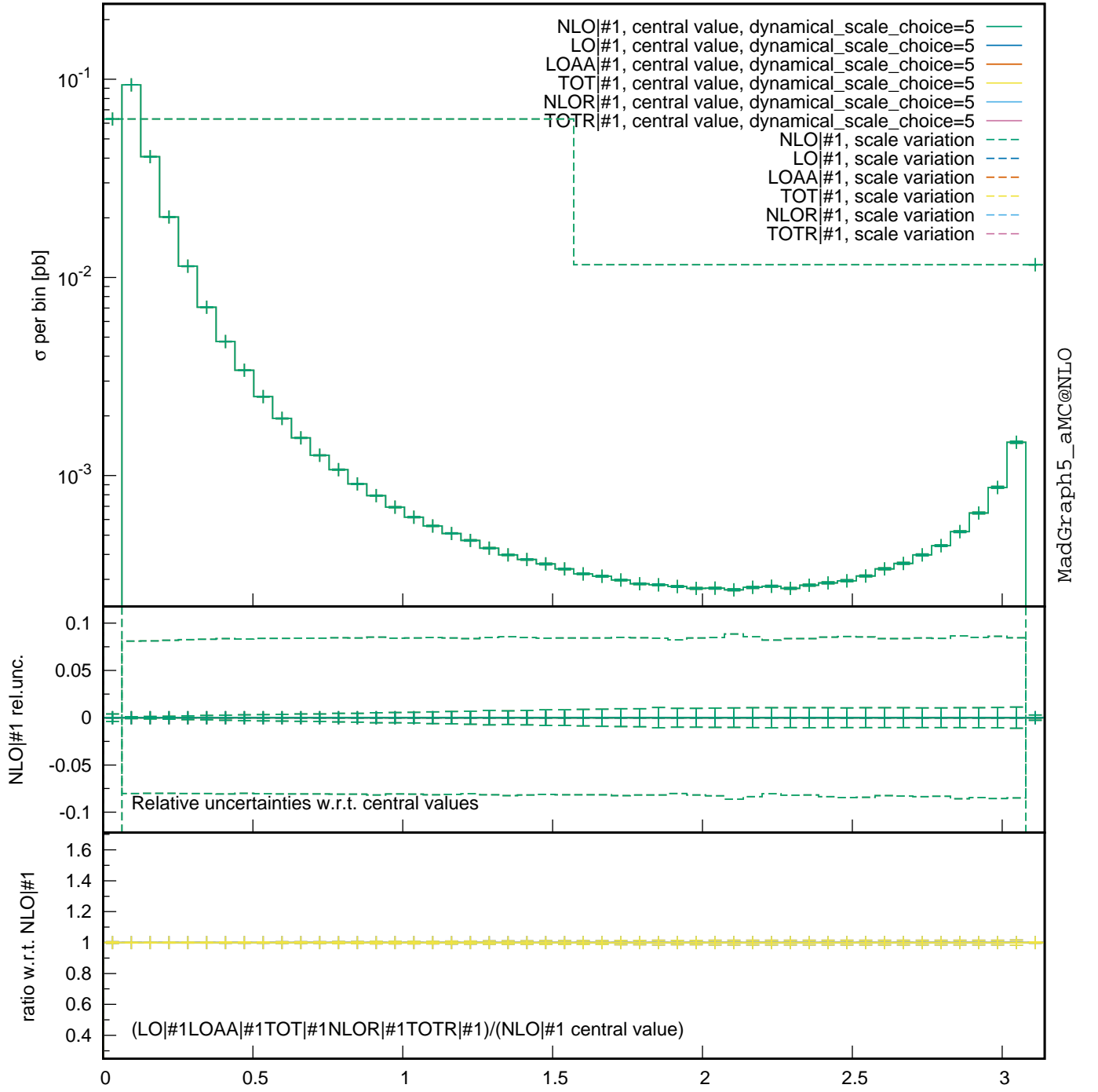
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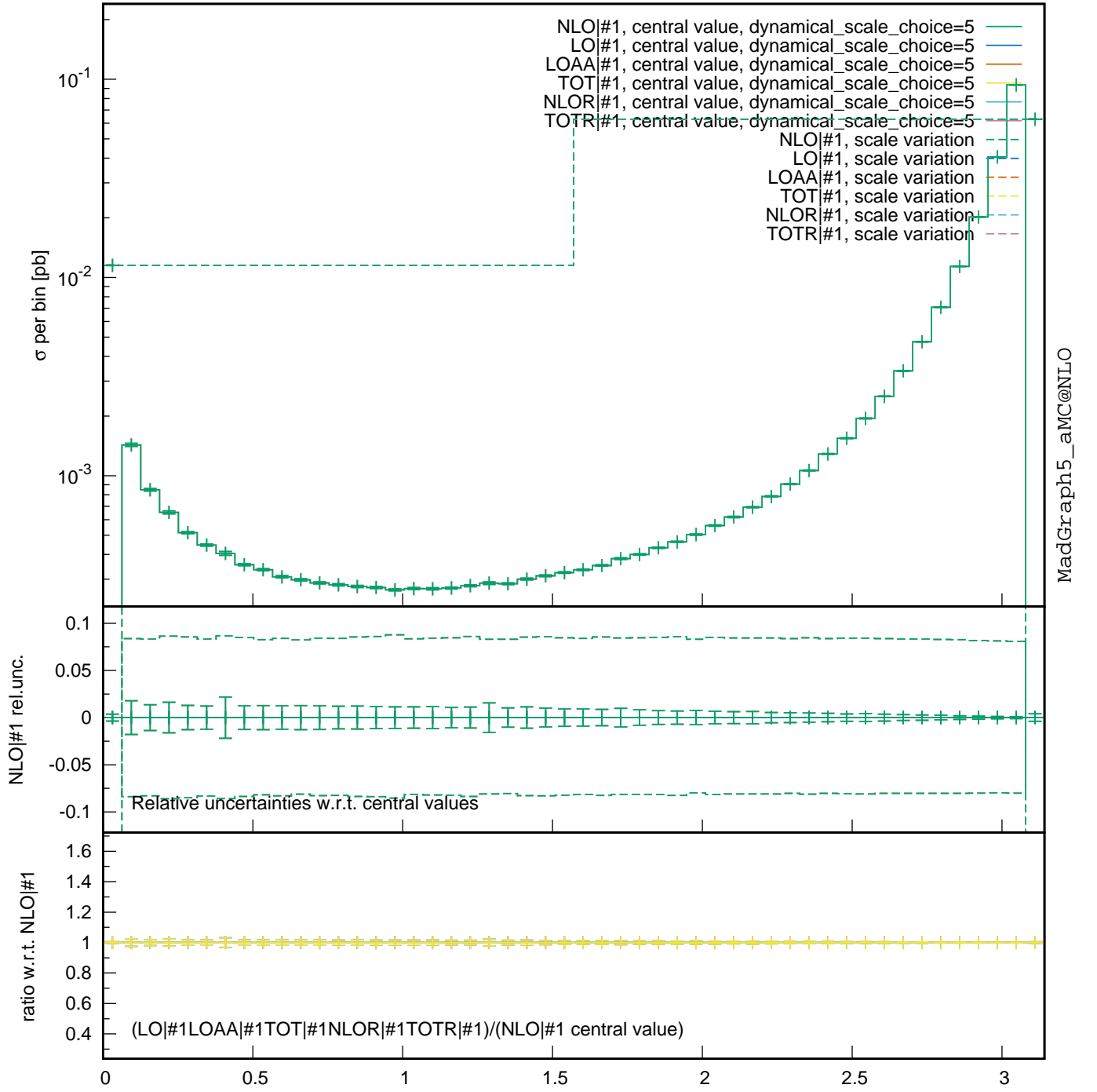
mmumu



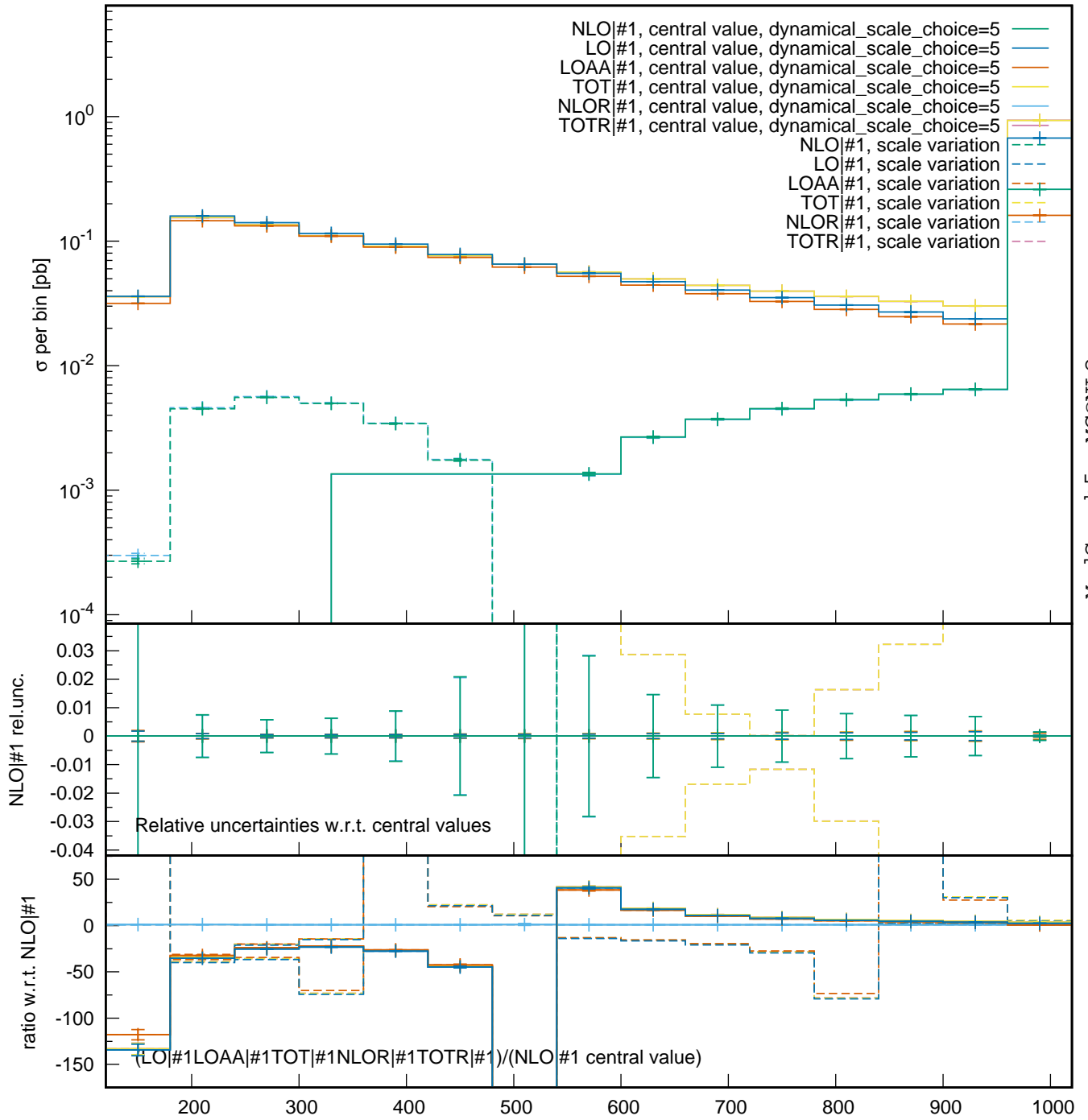
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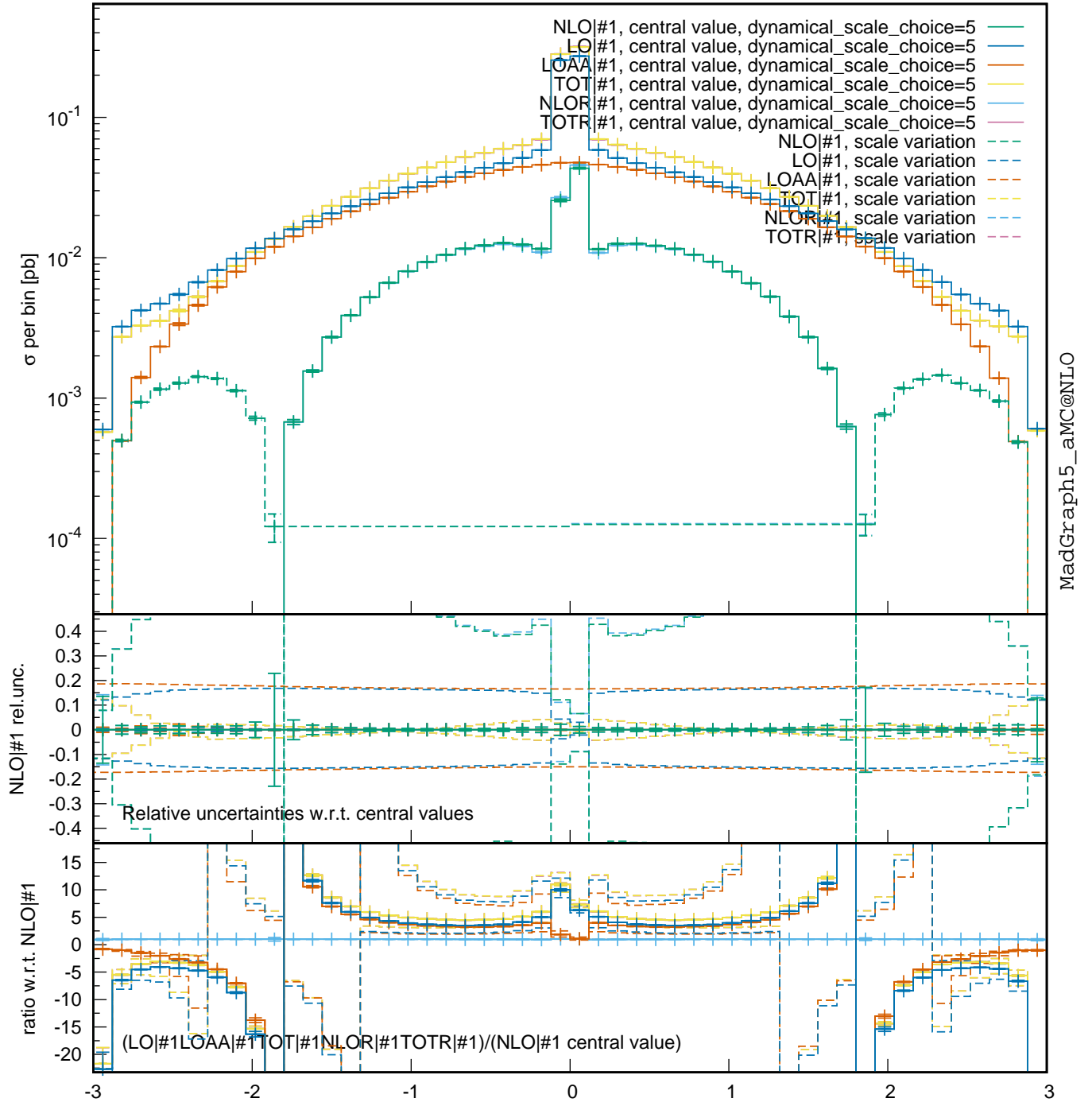
thetamum



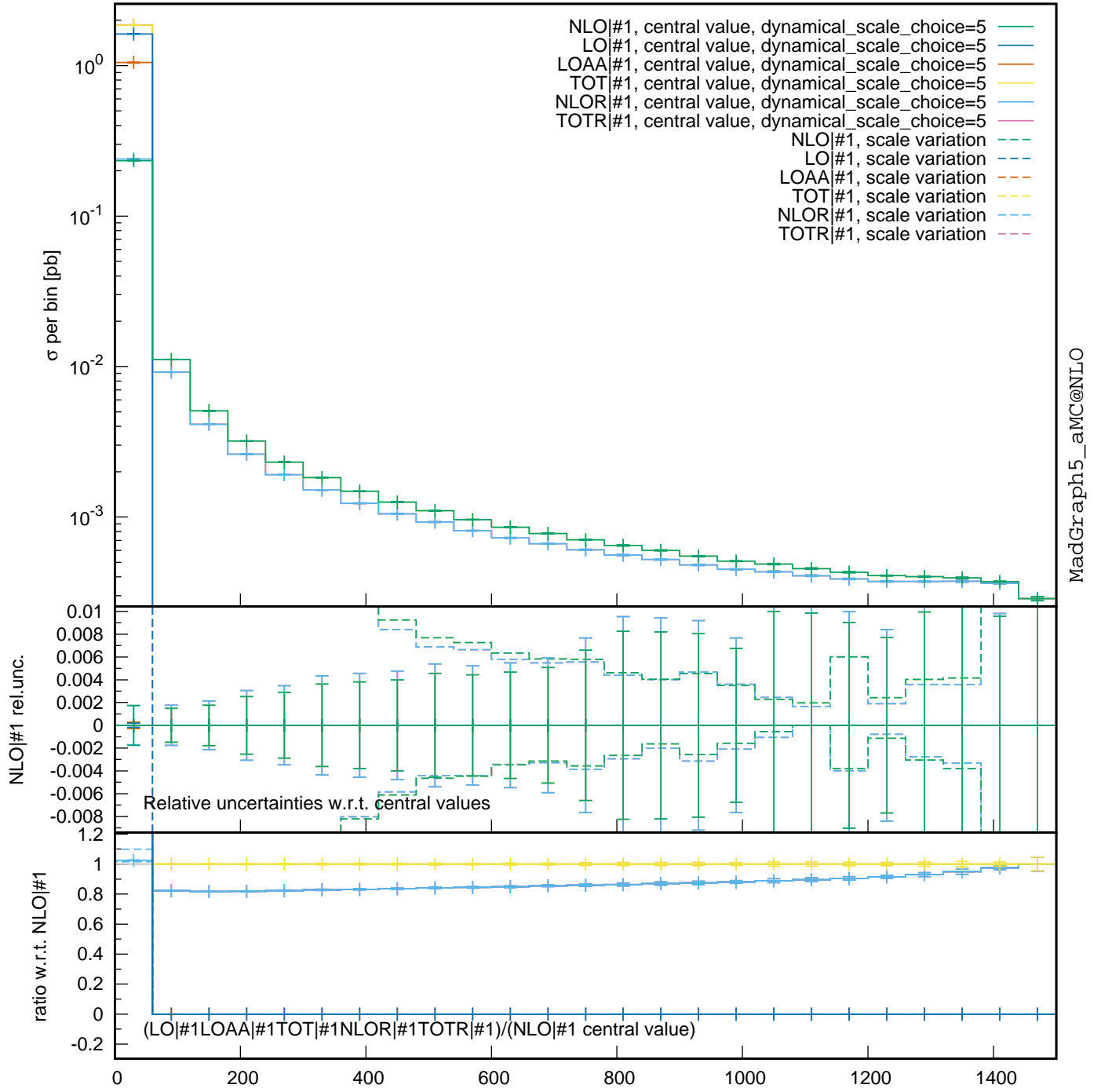
# 2mu2top invm



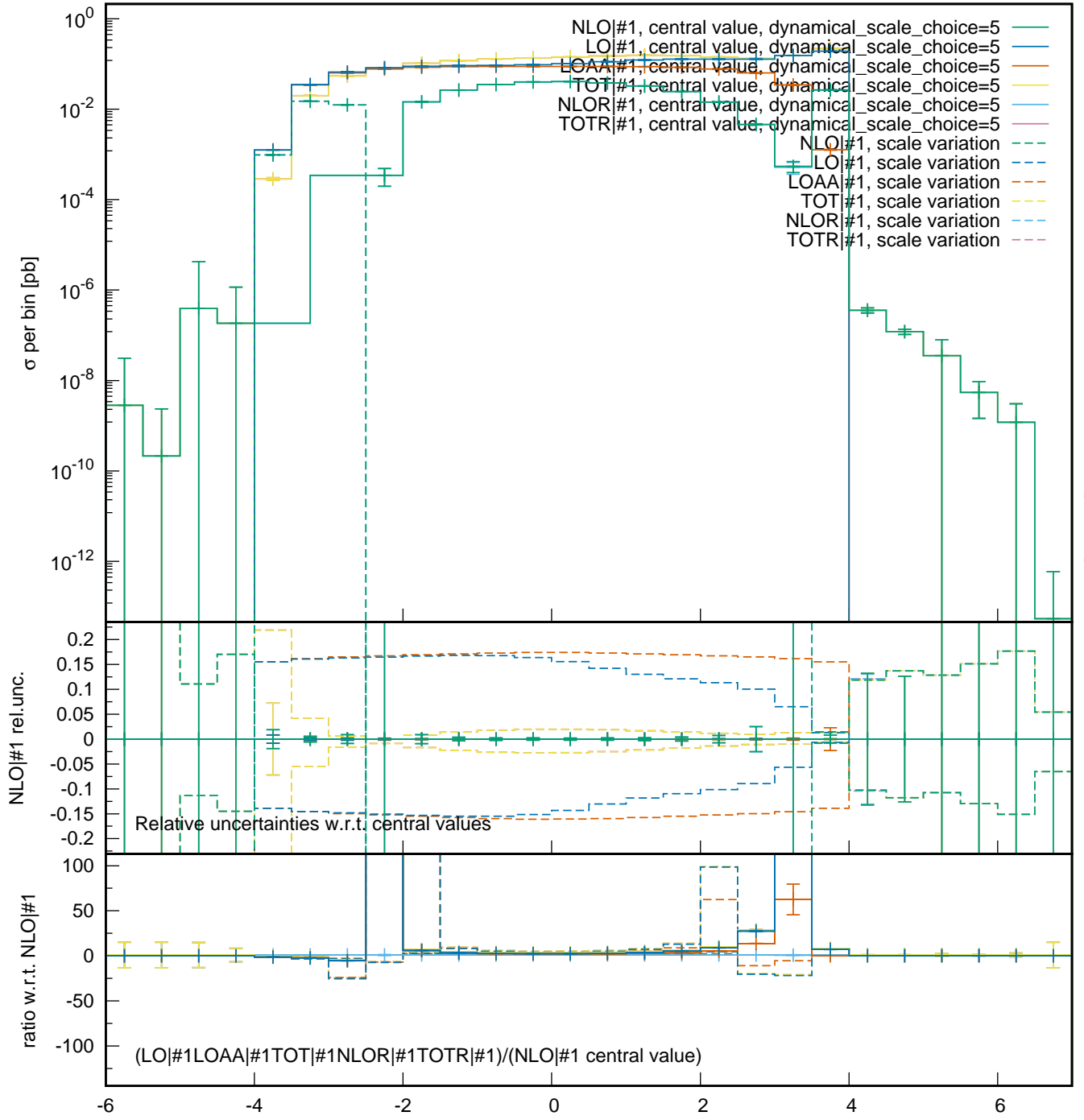
# 2mu2top rap



# 2mu2top pt

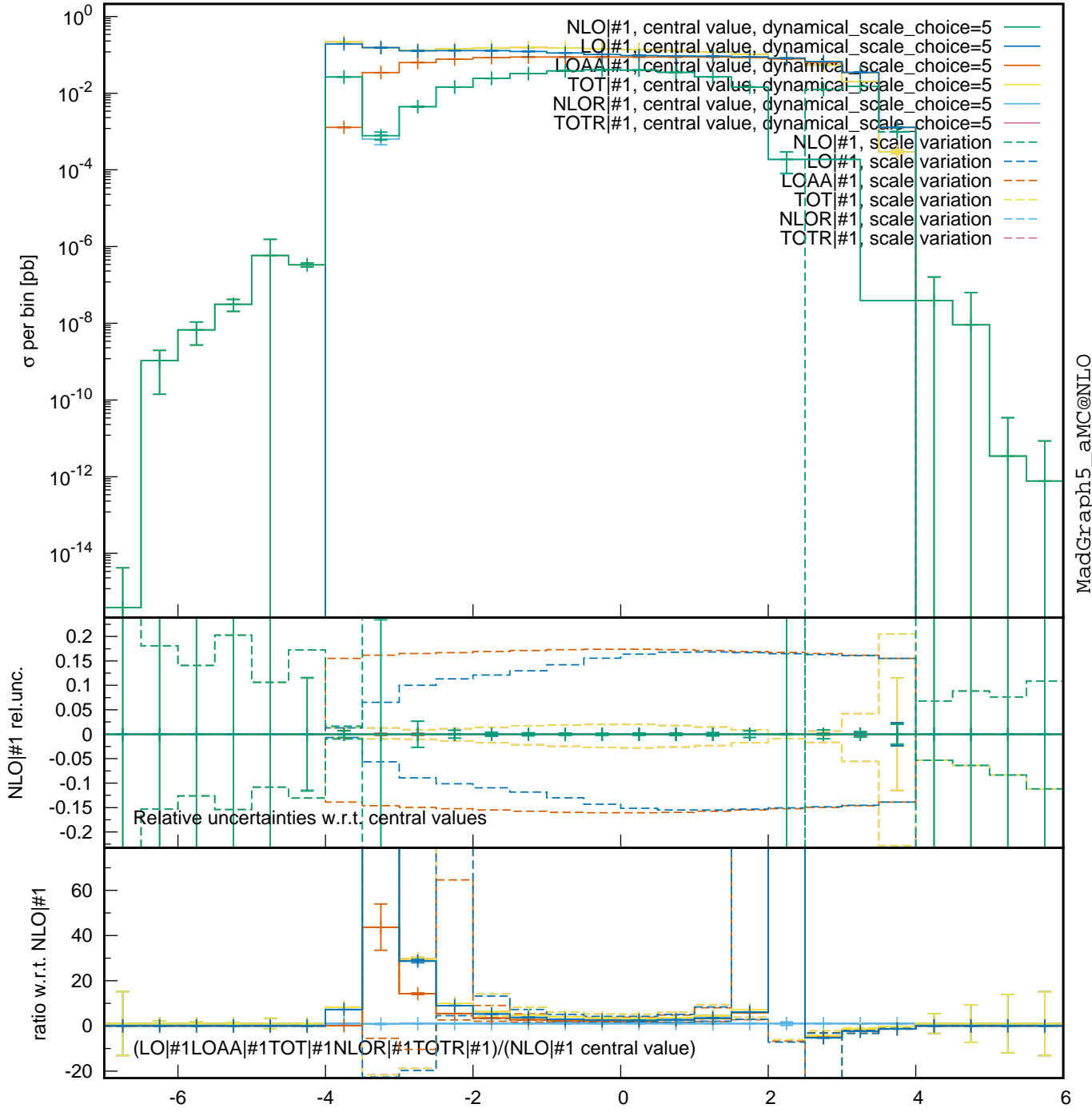


top rap

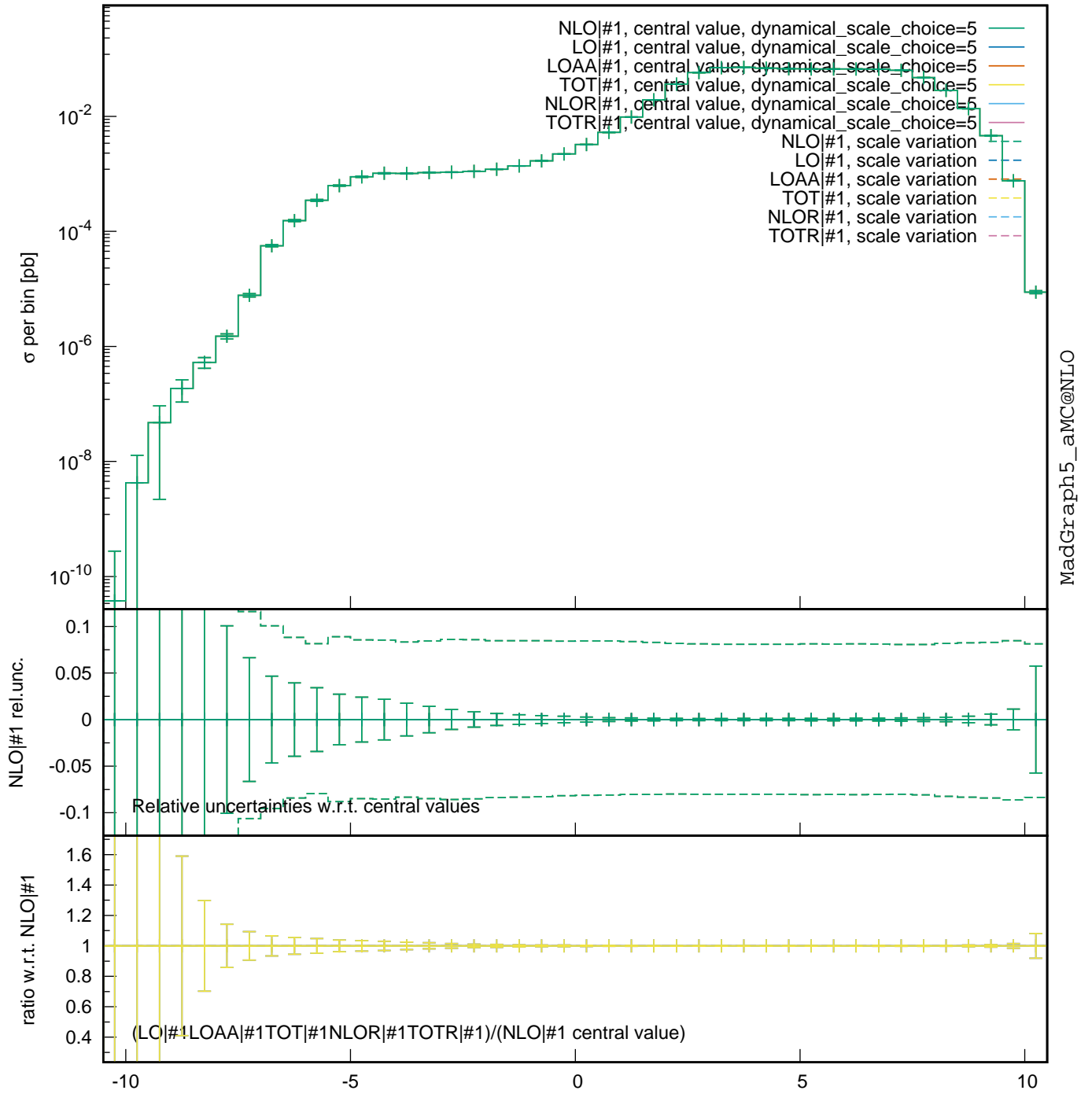




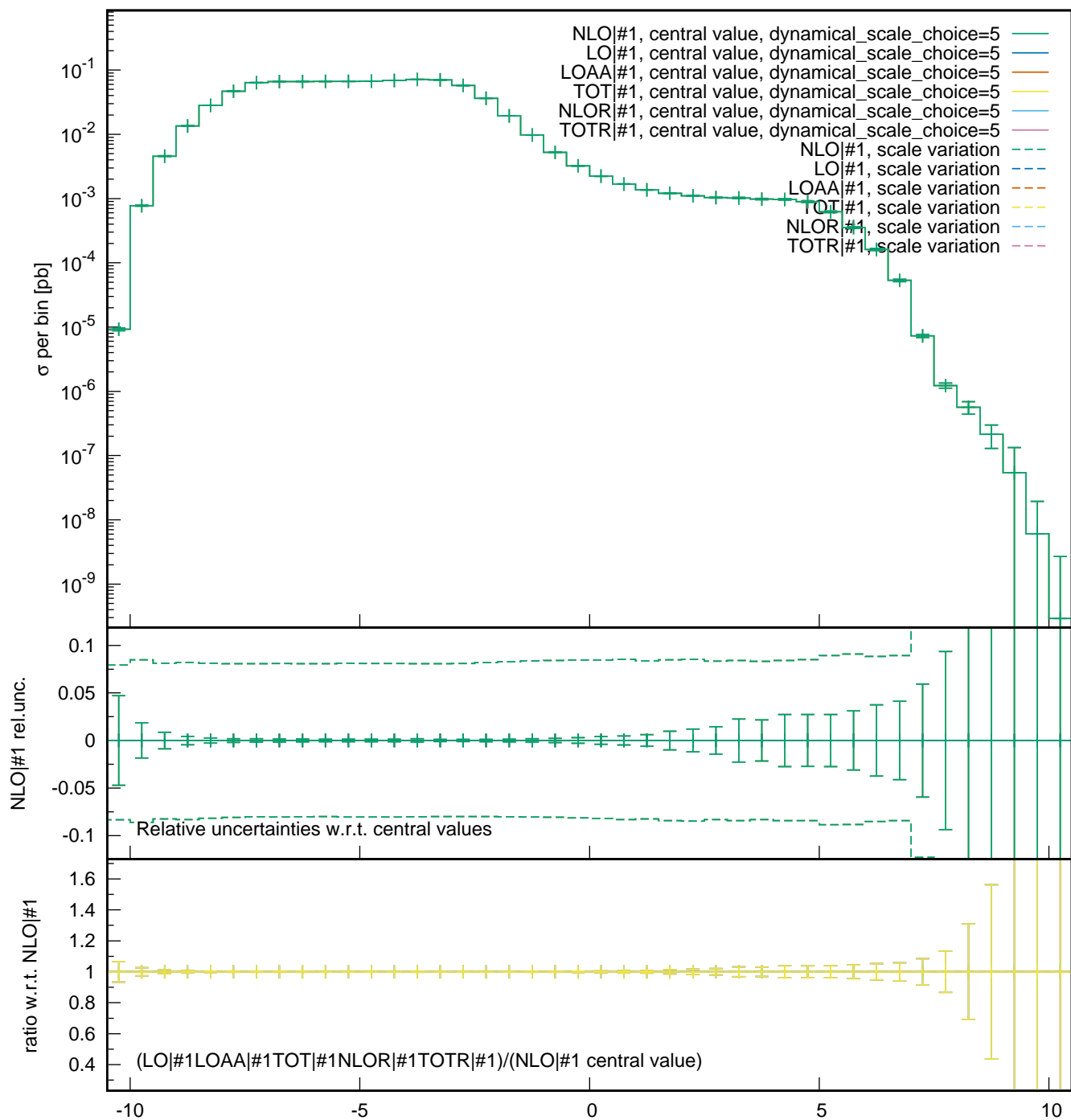
atop rap



mup rap



mum rap



tt rap

