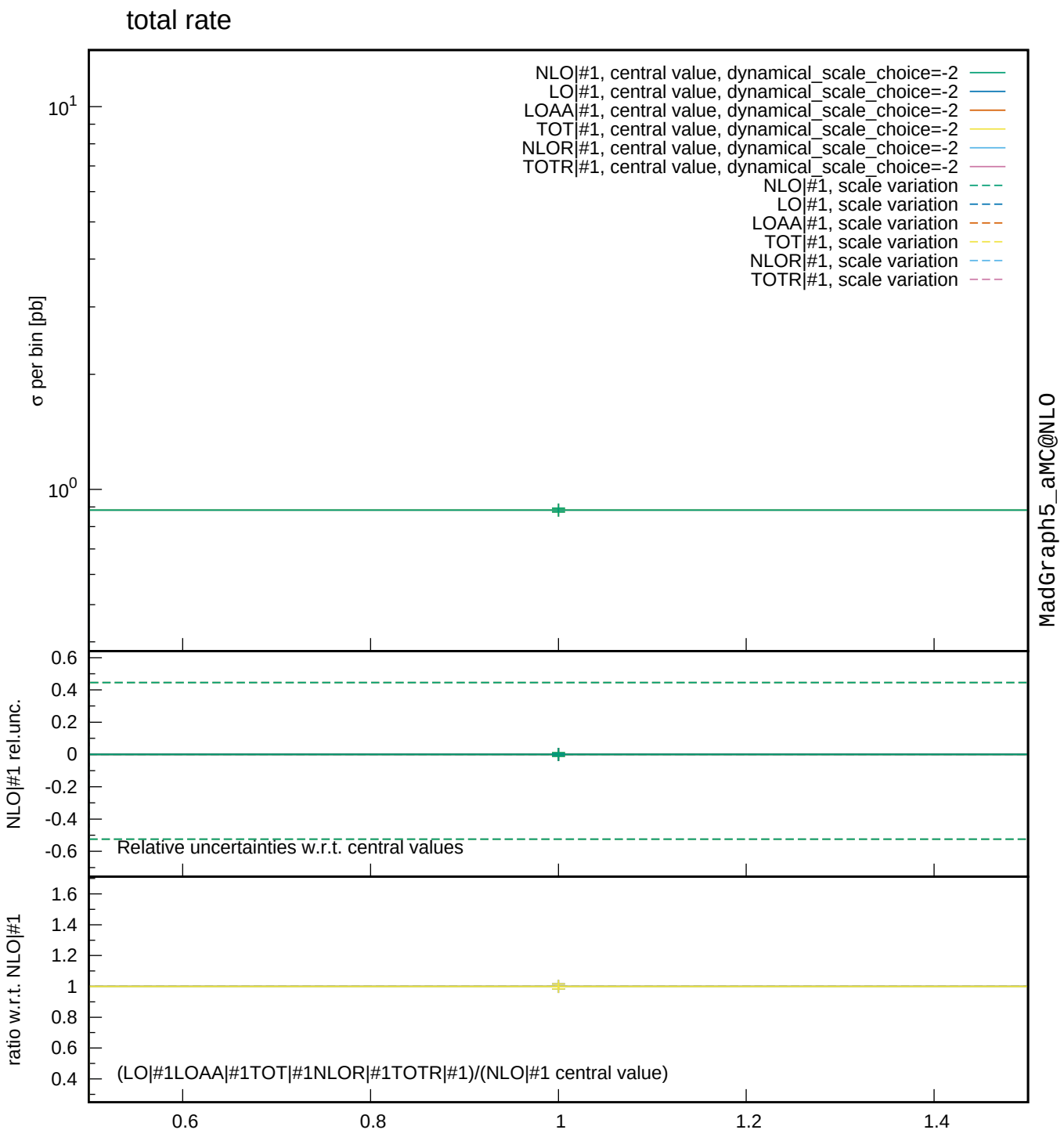
total rate
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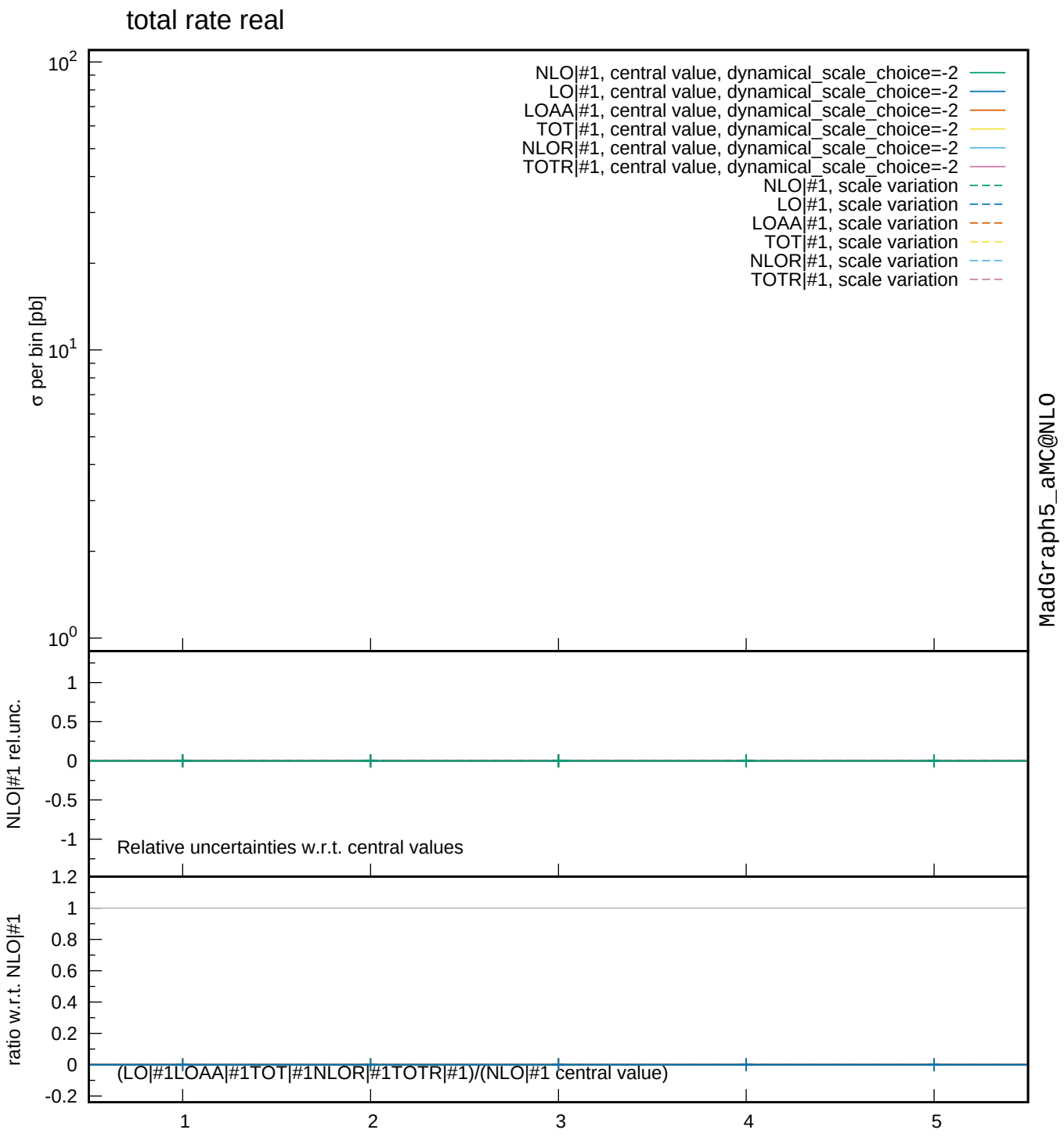
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


total rate real
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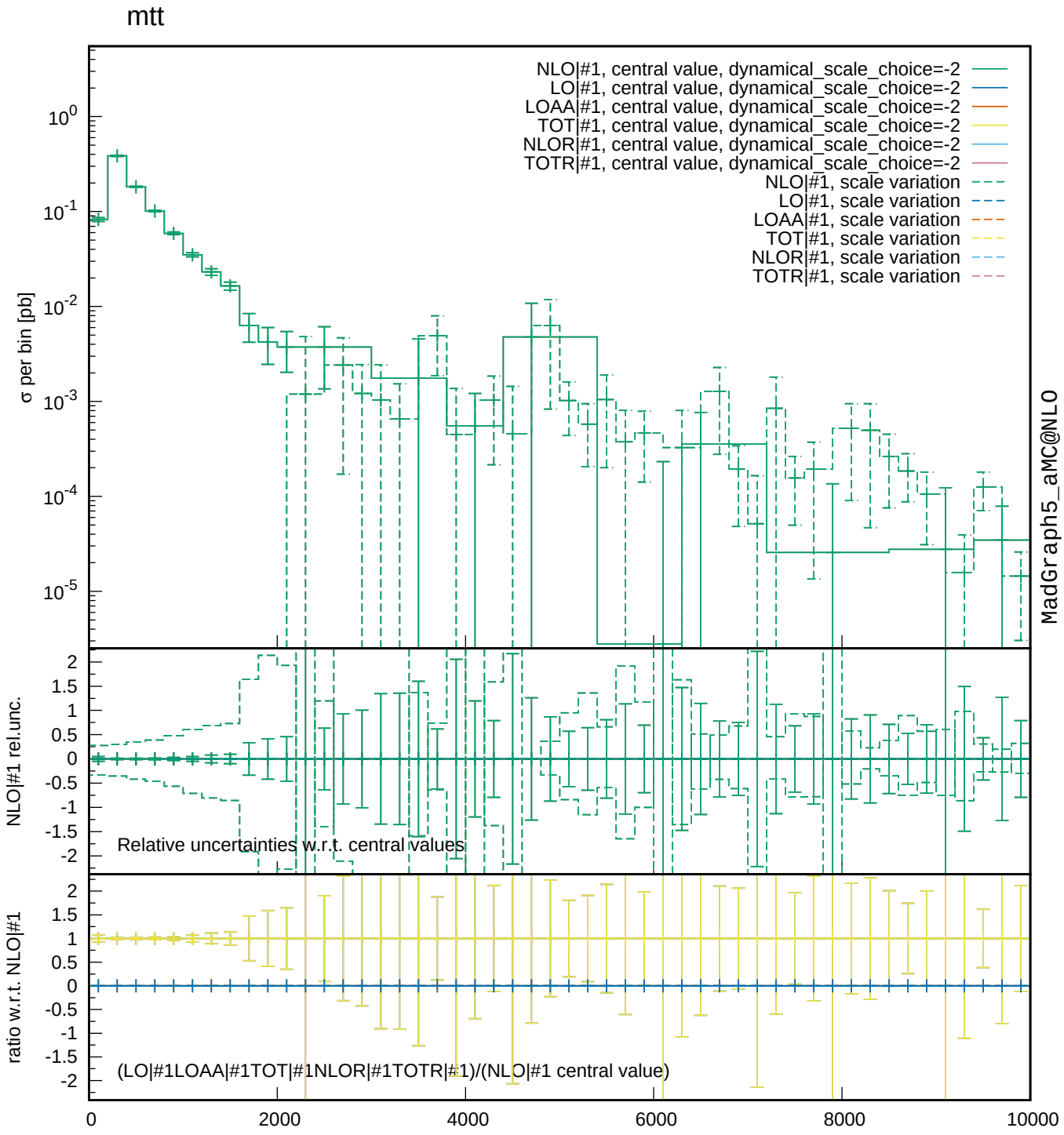
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


mtt
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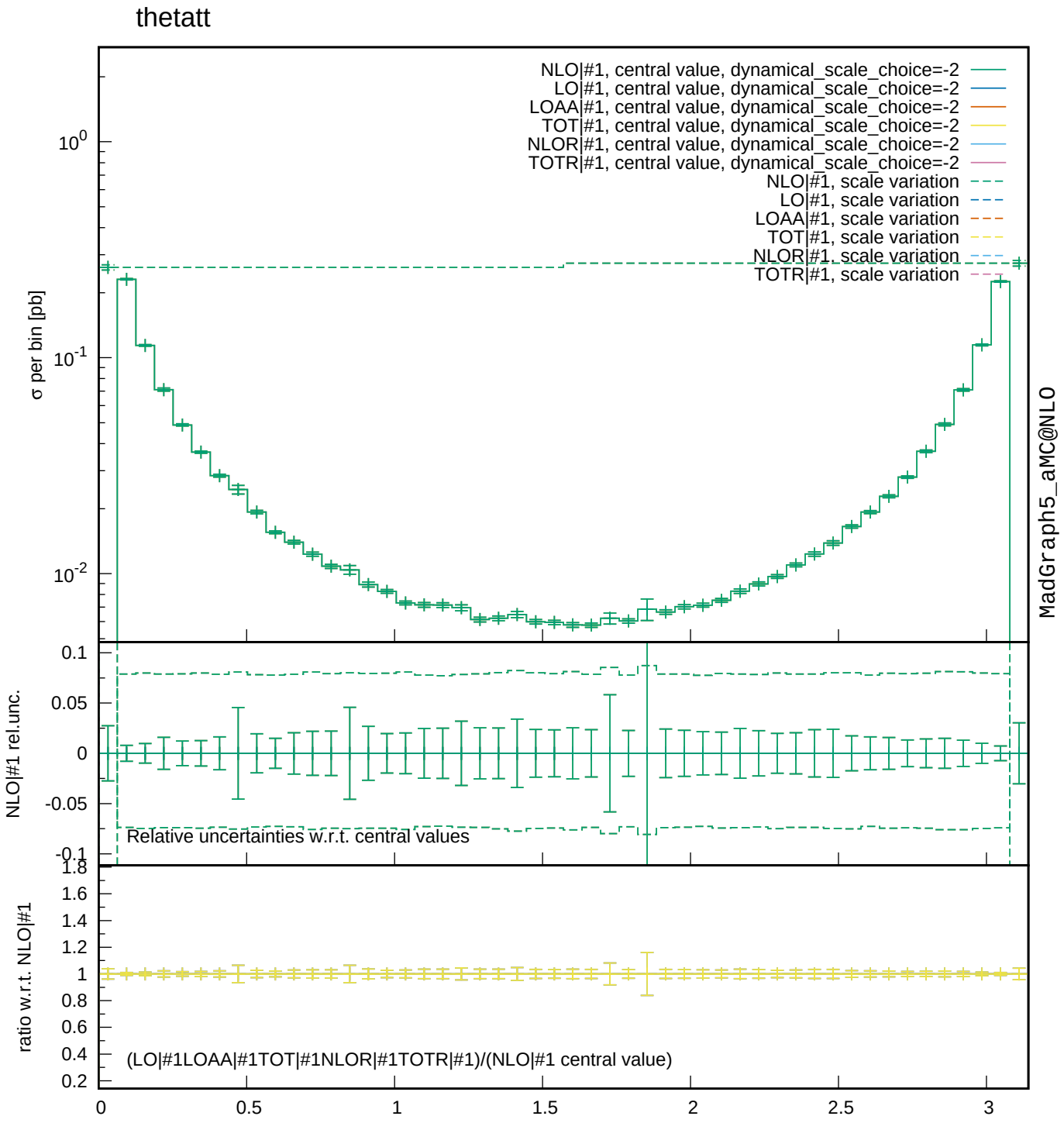
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)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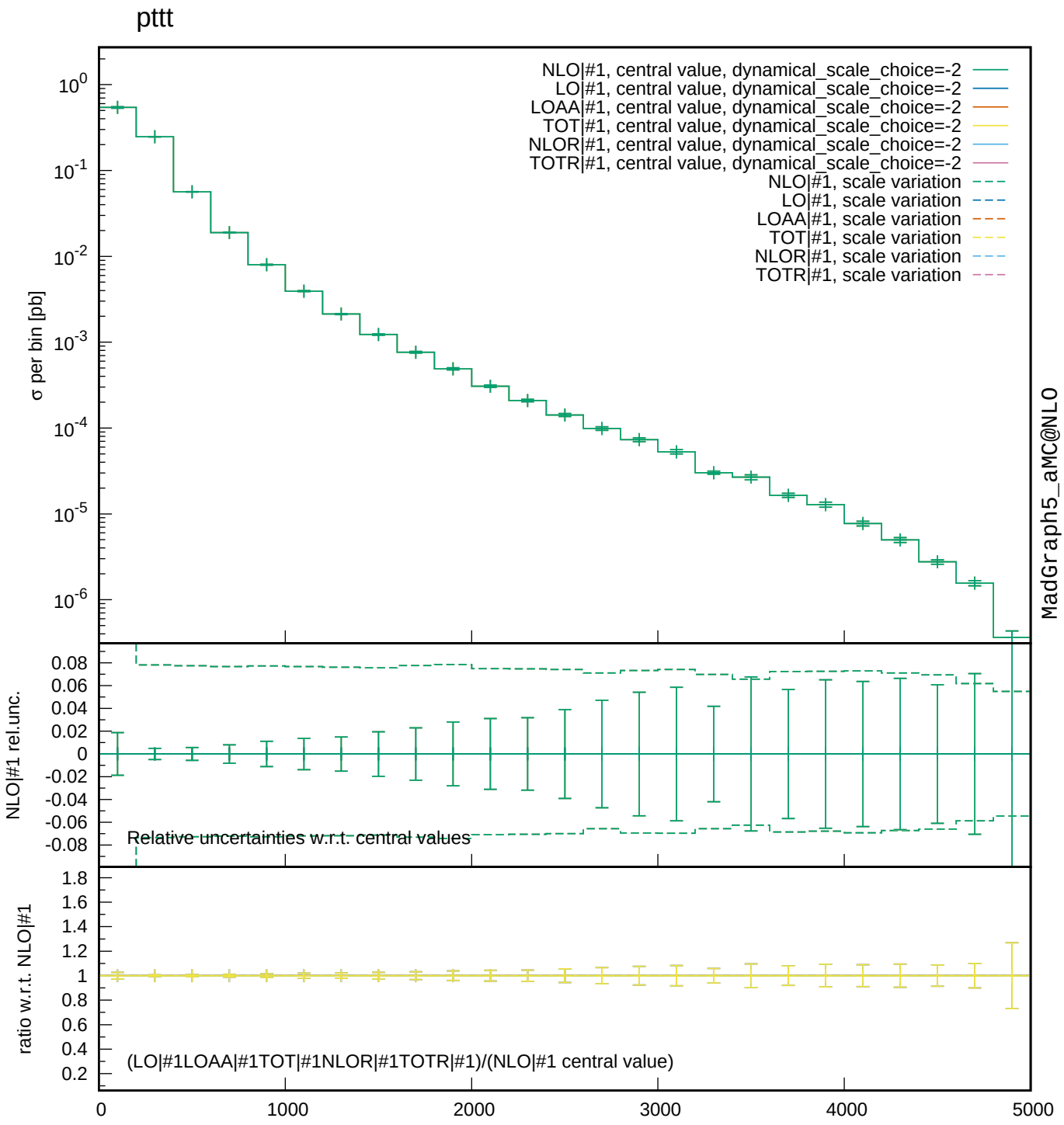
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO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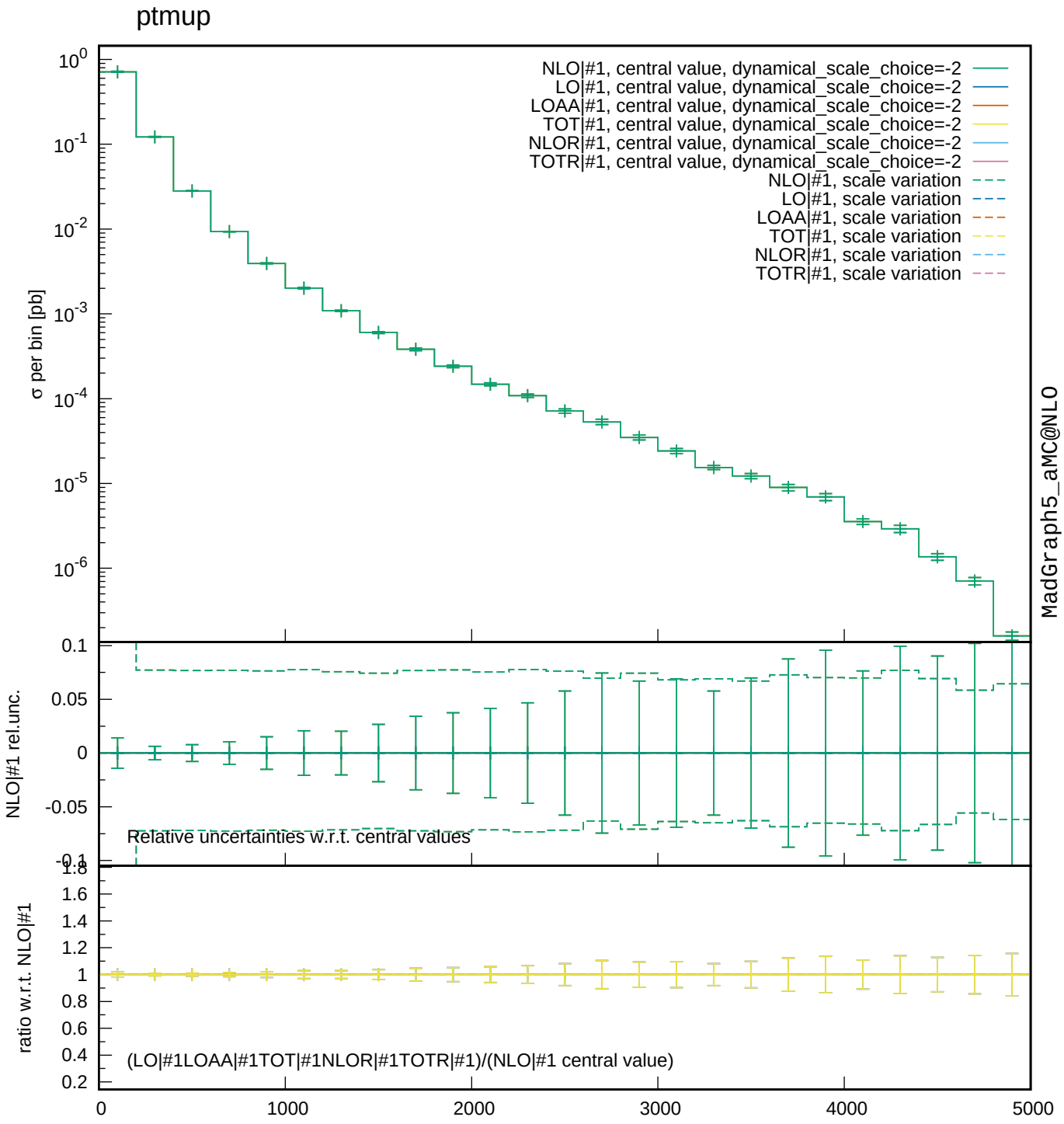
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)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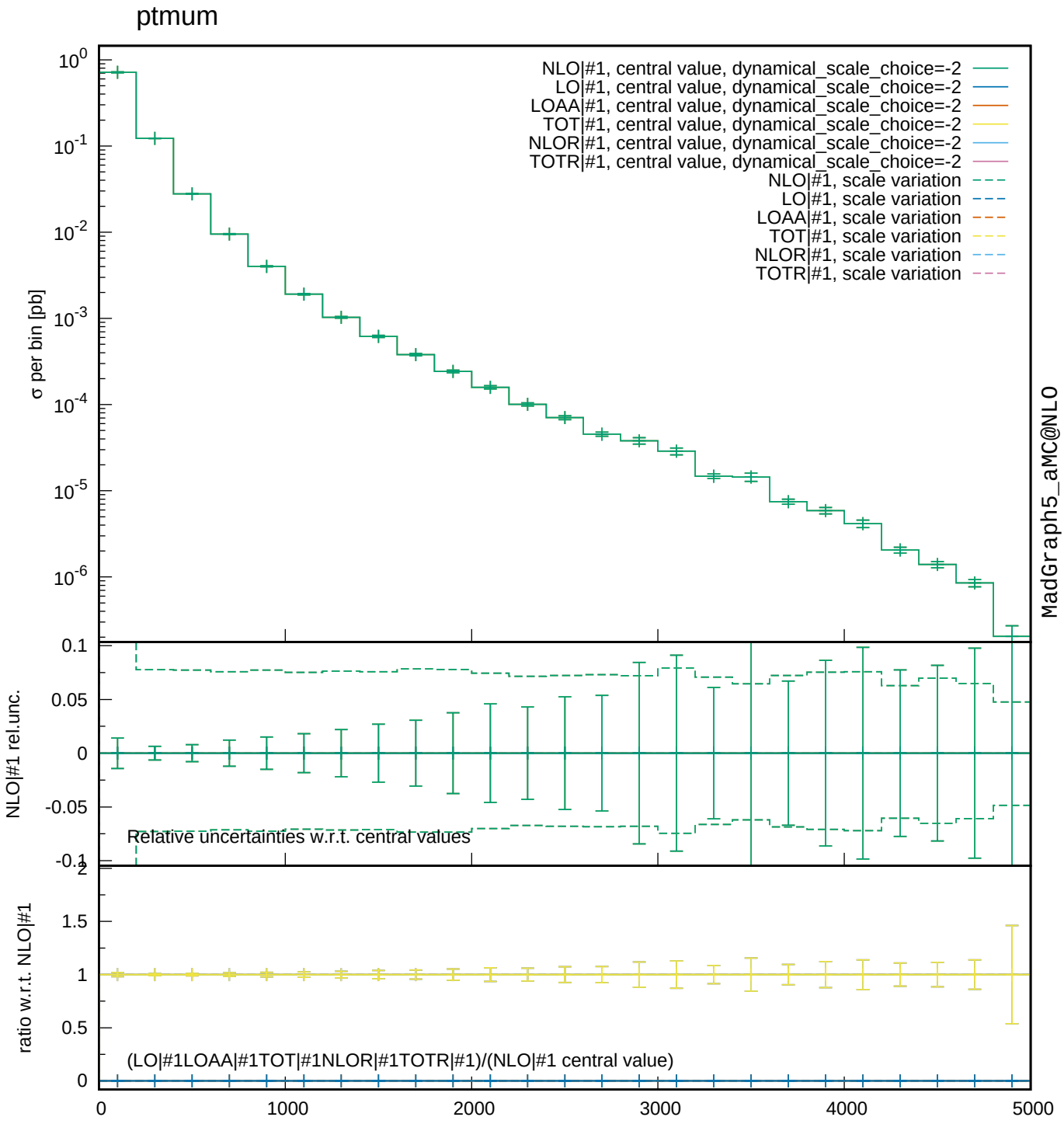
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)


ptmum
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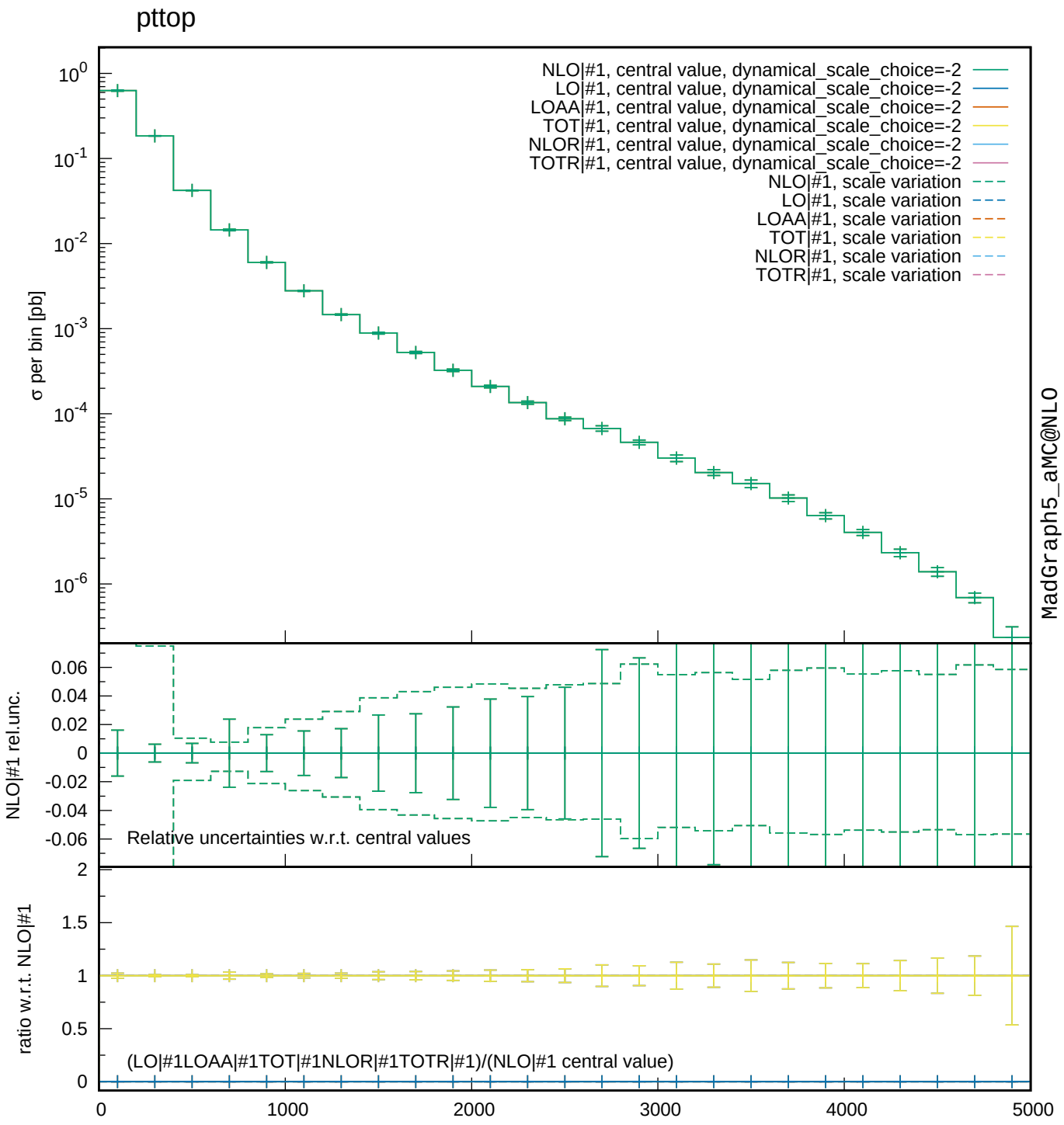
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)


pttop
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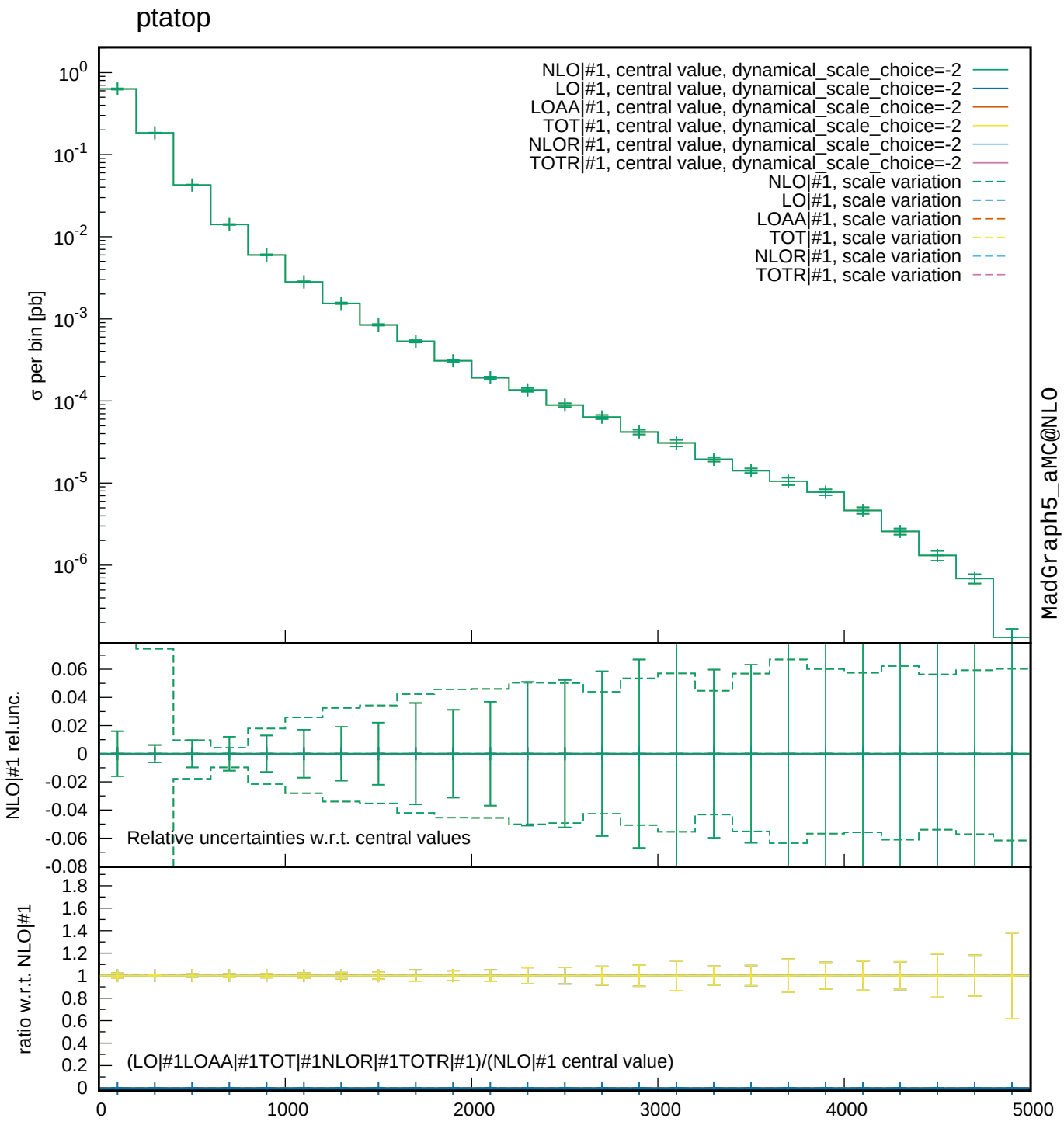
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)


ptatop
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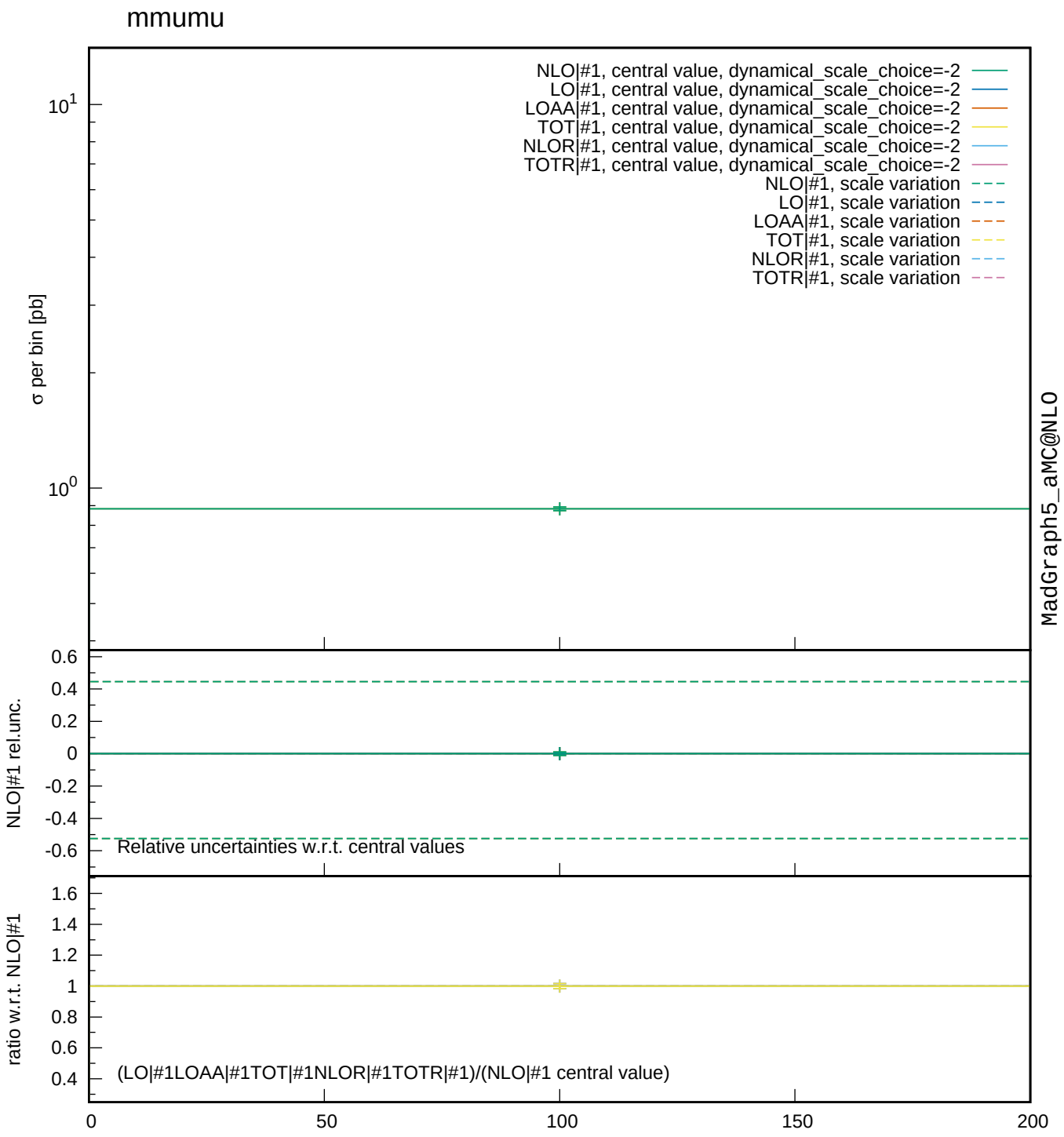
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)


mmumu
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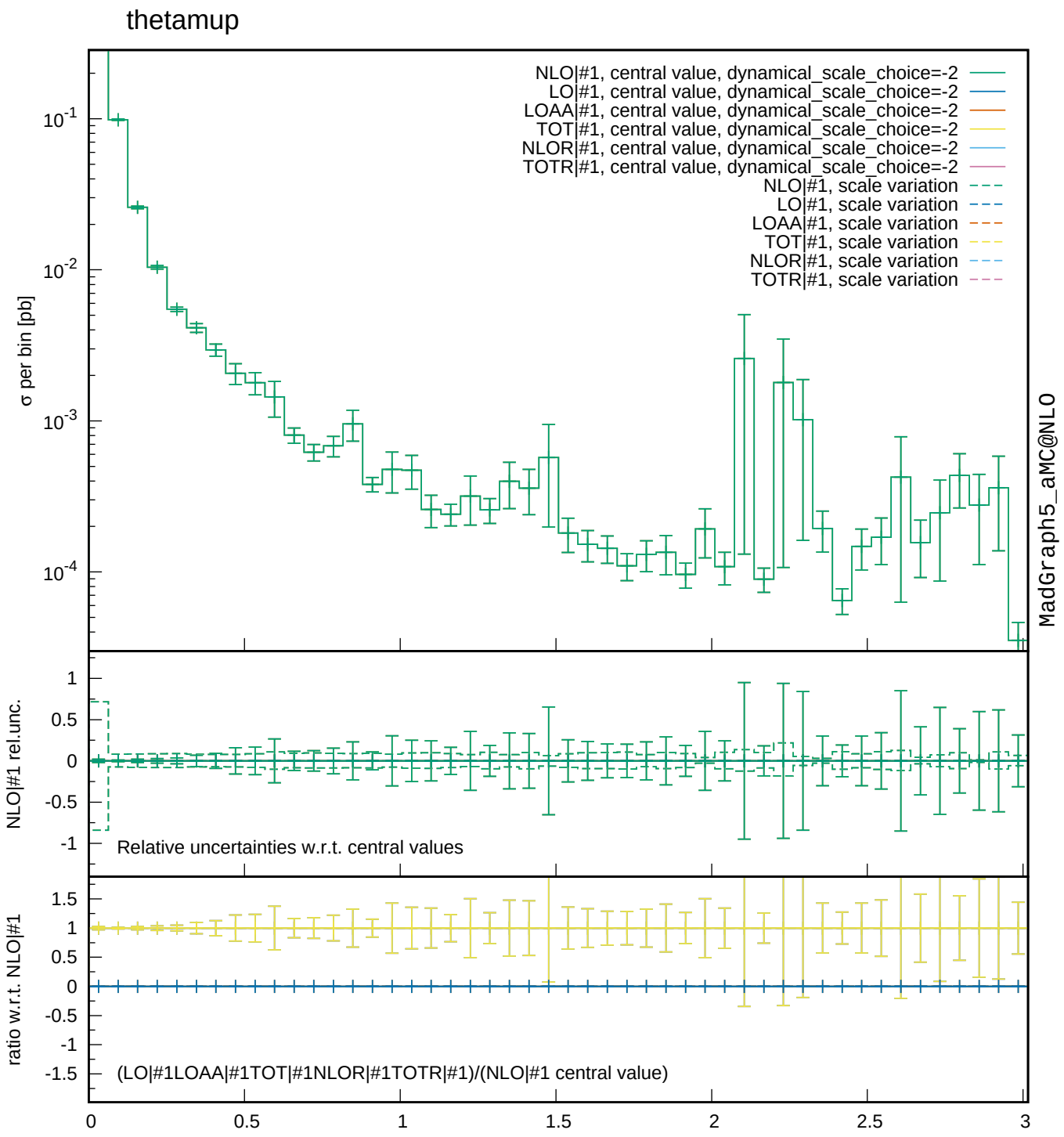
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


thetamup
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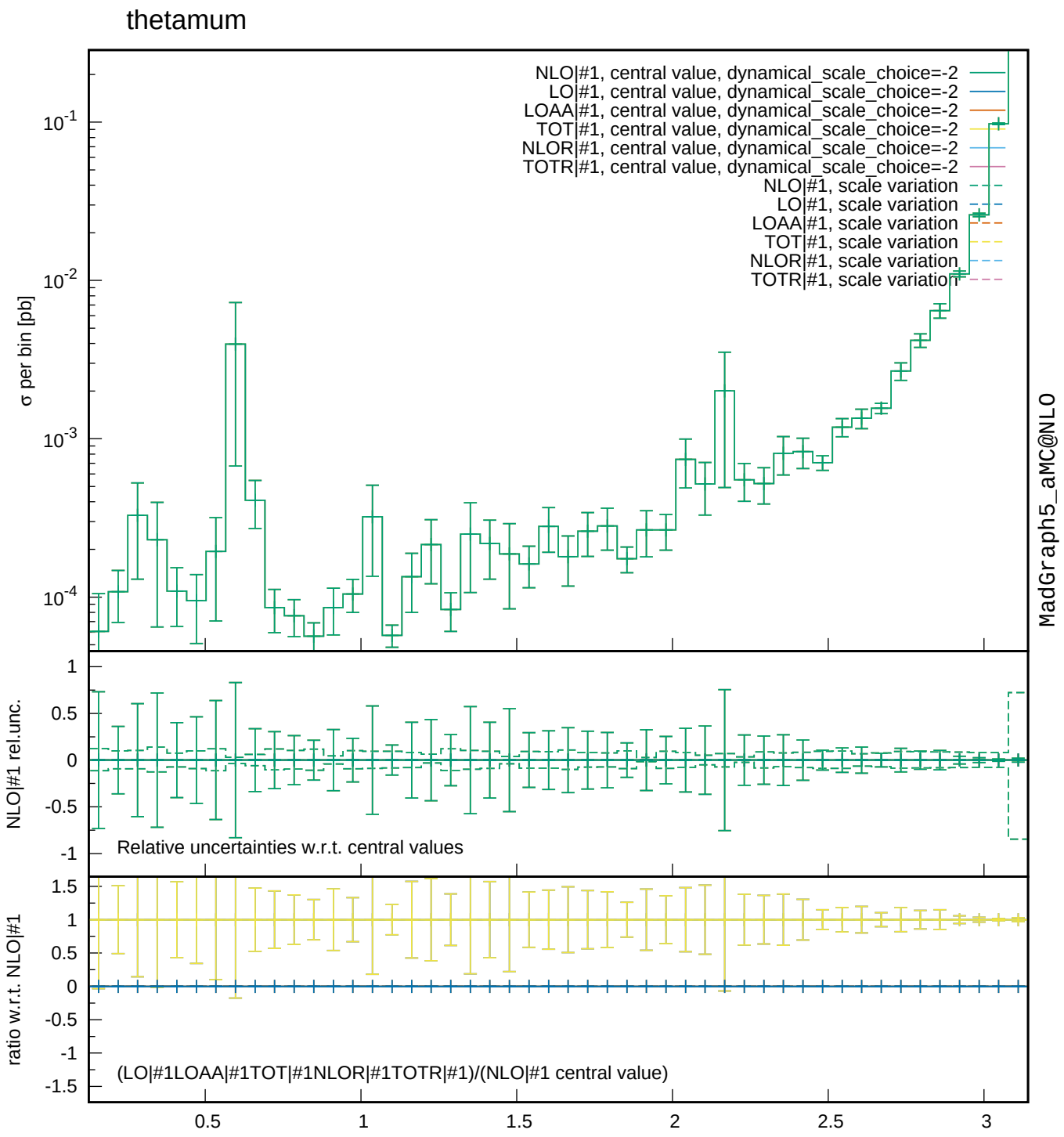
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


thetamum
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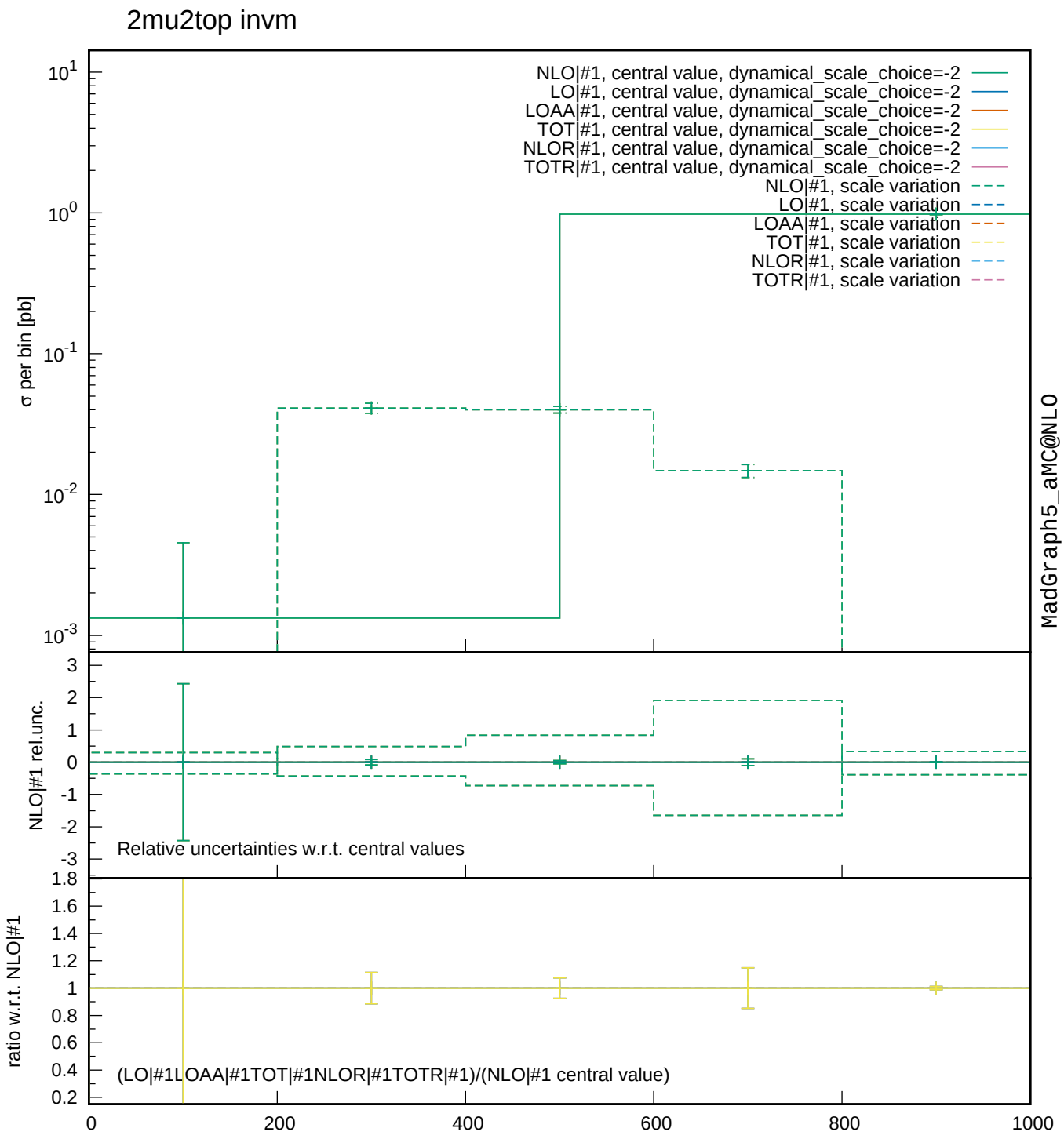
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


2mu2top invm
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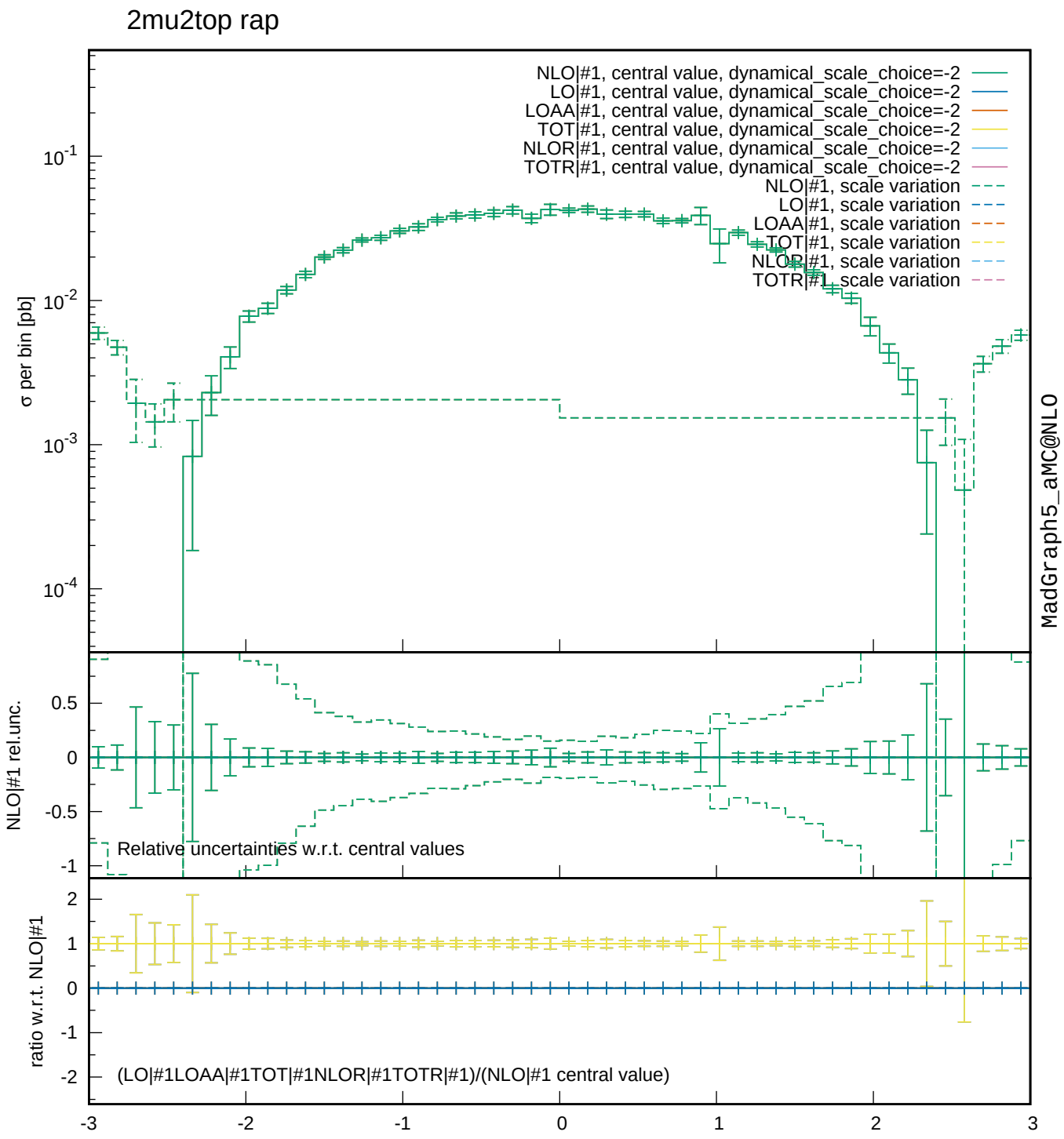
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


2mu2top rap
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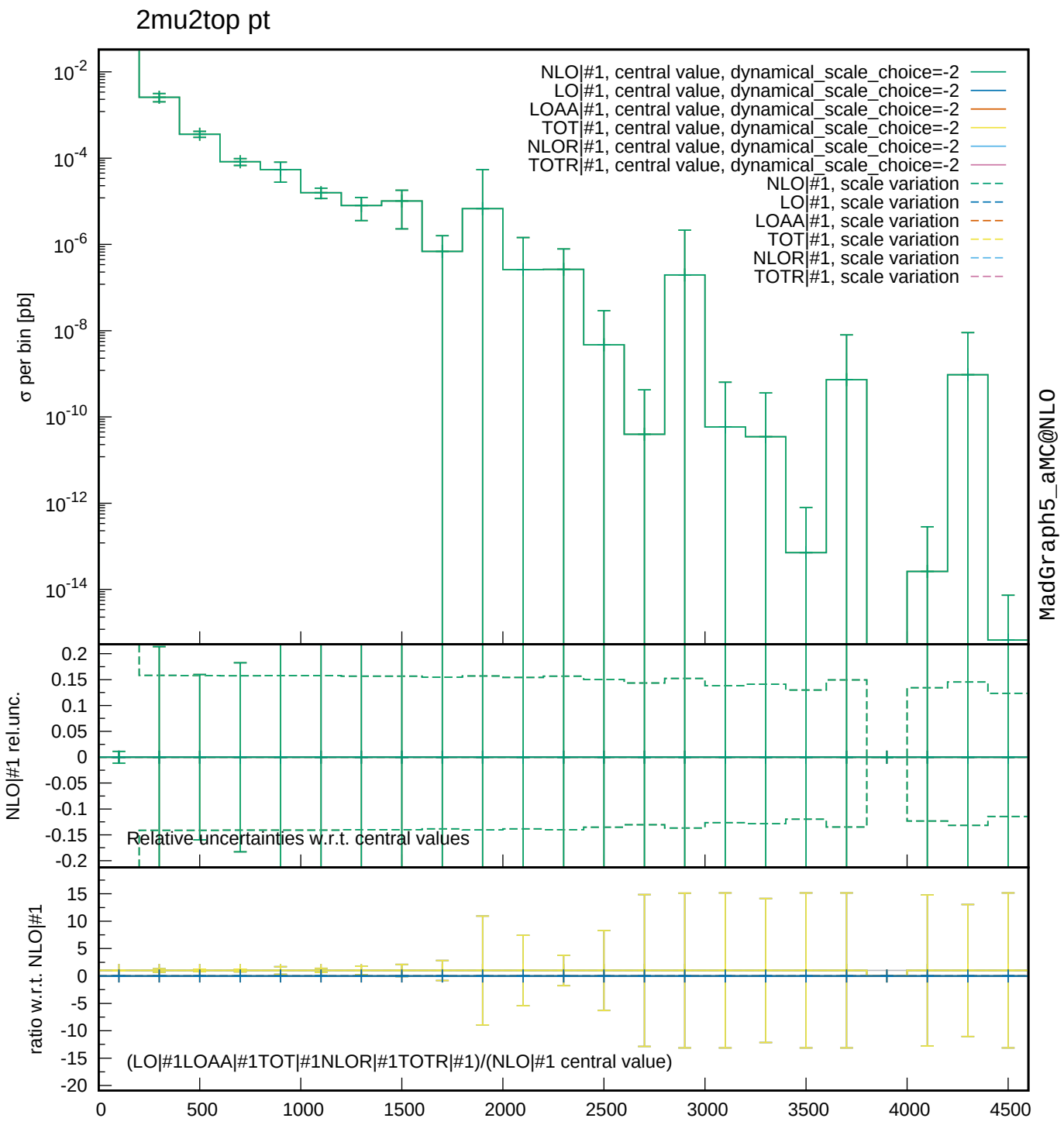
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
MadGraph5_aMC@NLO
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)


2mu2top pt
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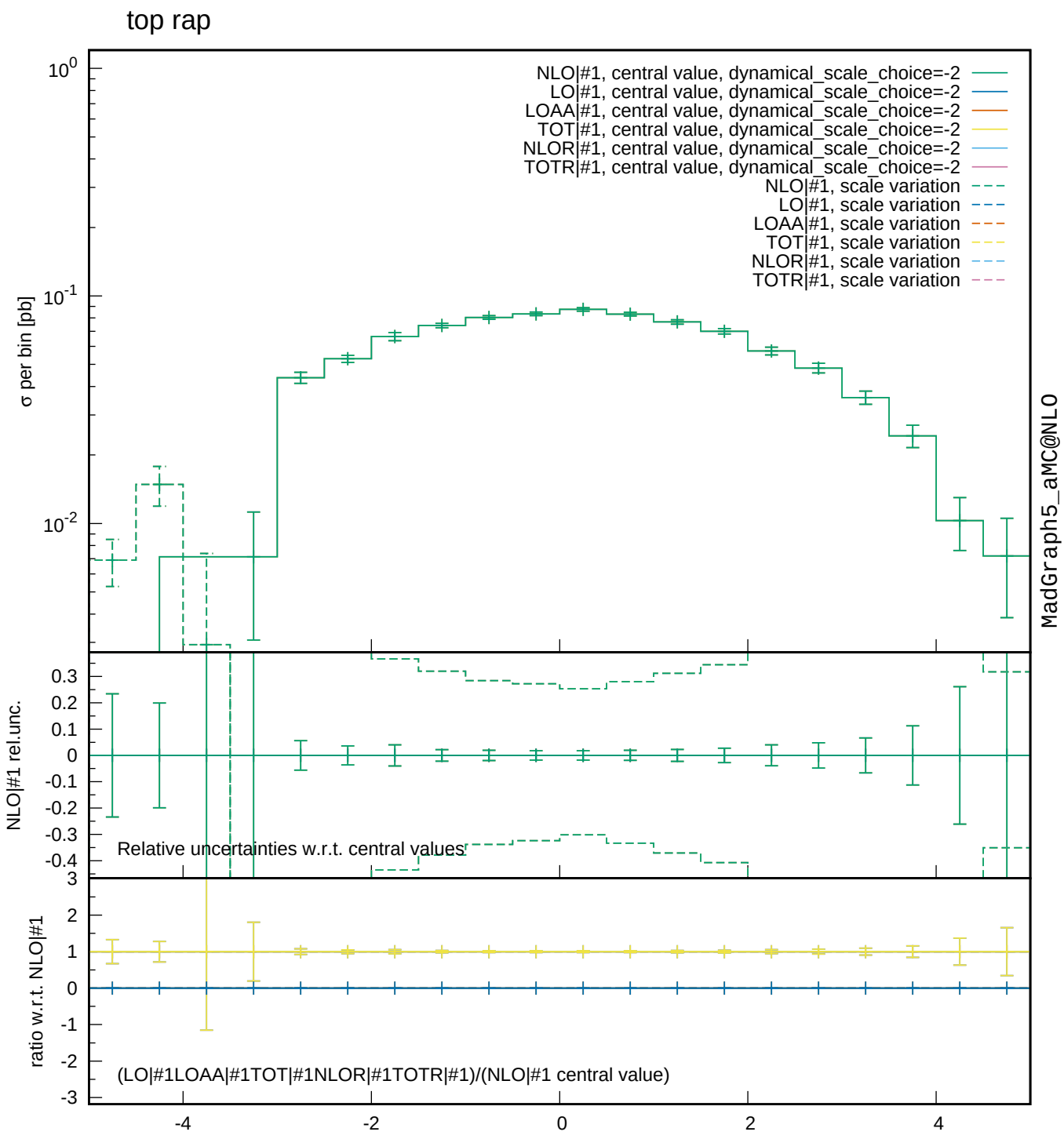
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO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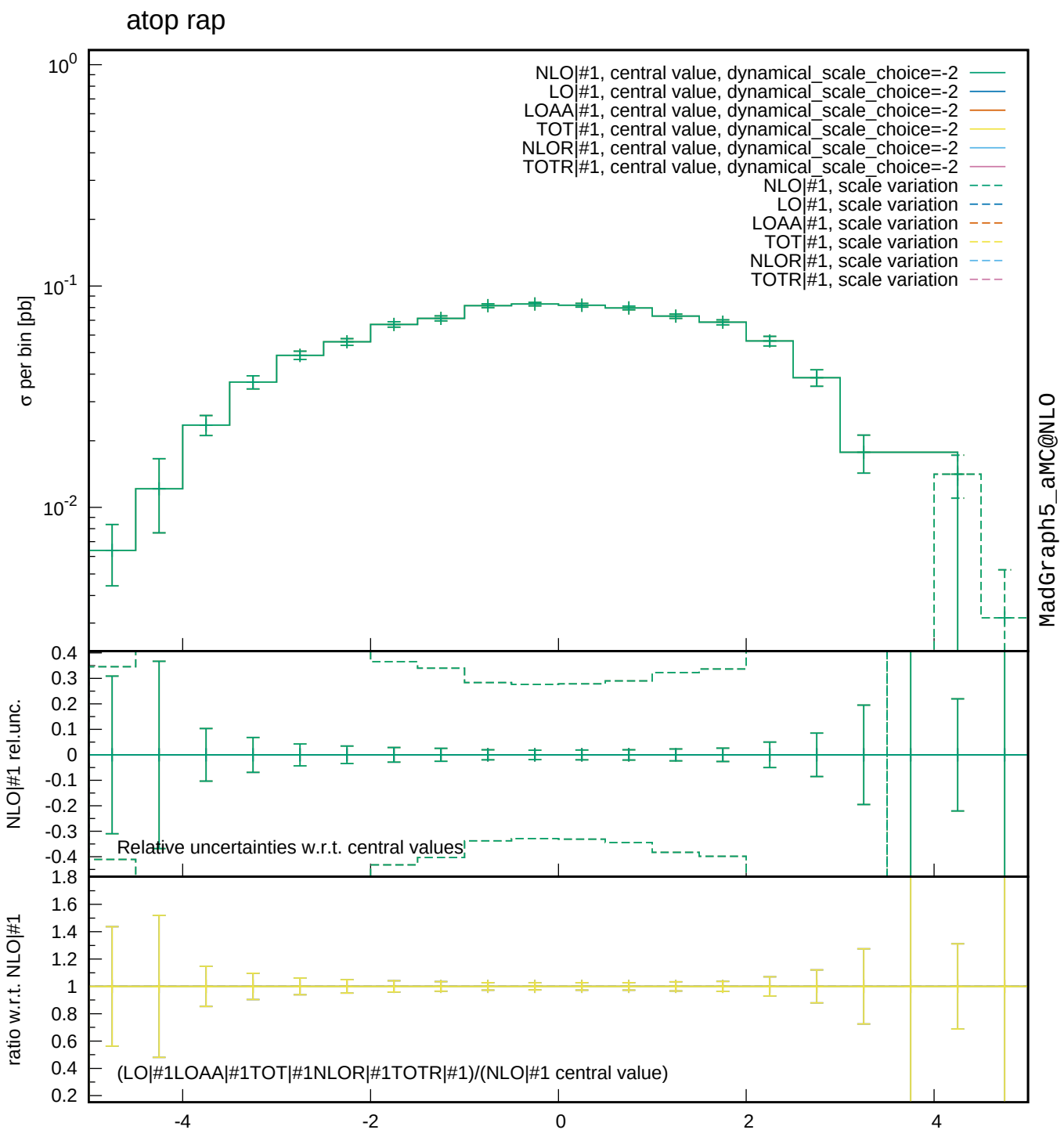
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


atop rap
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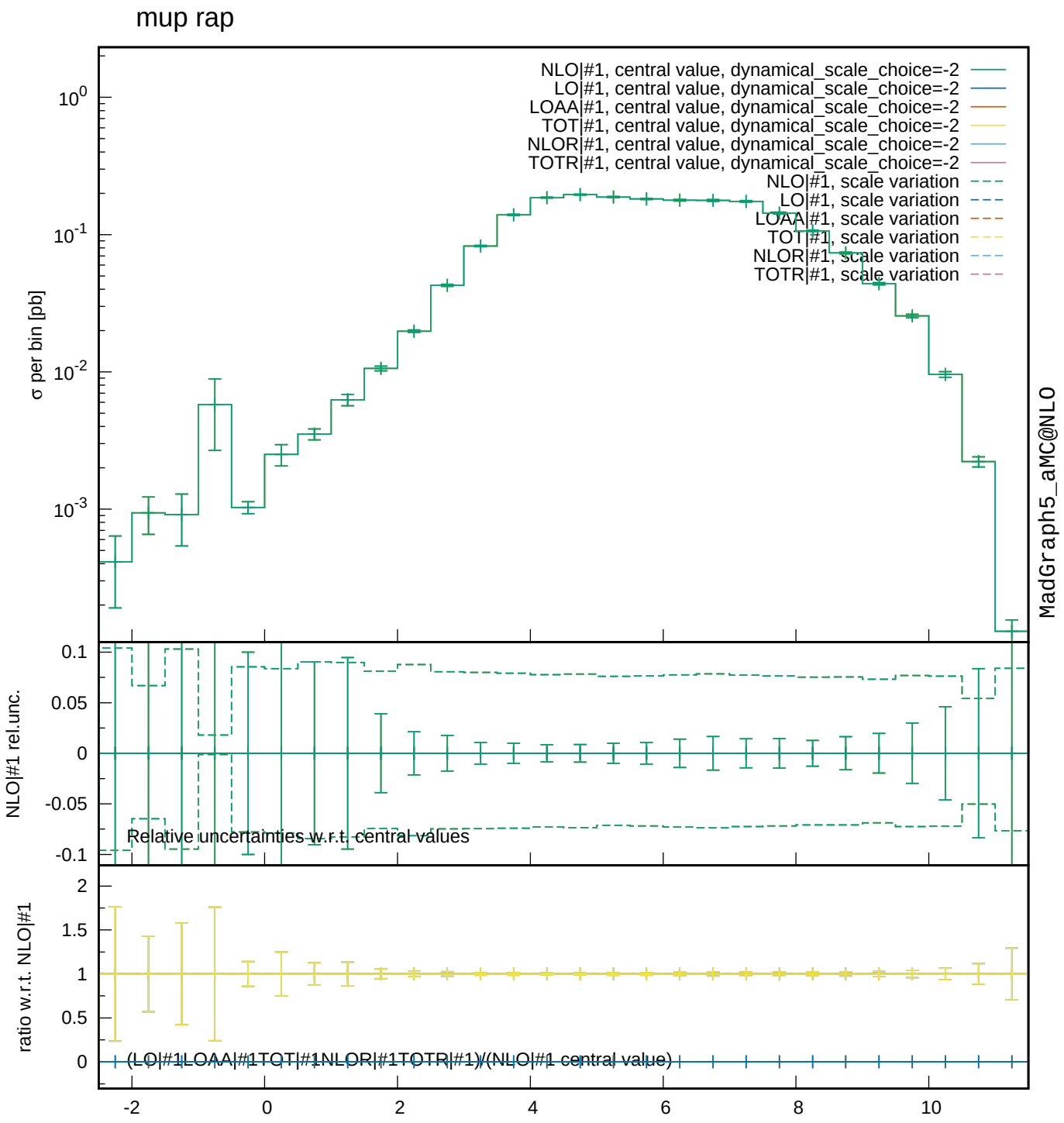
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


mup rap
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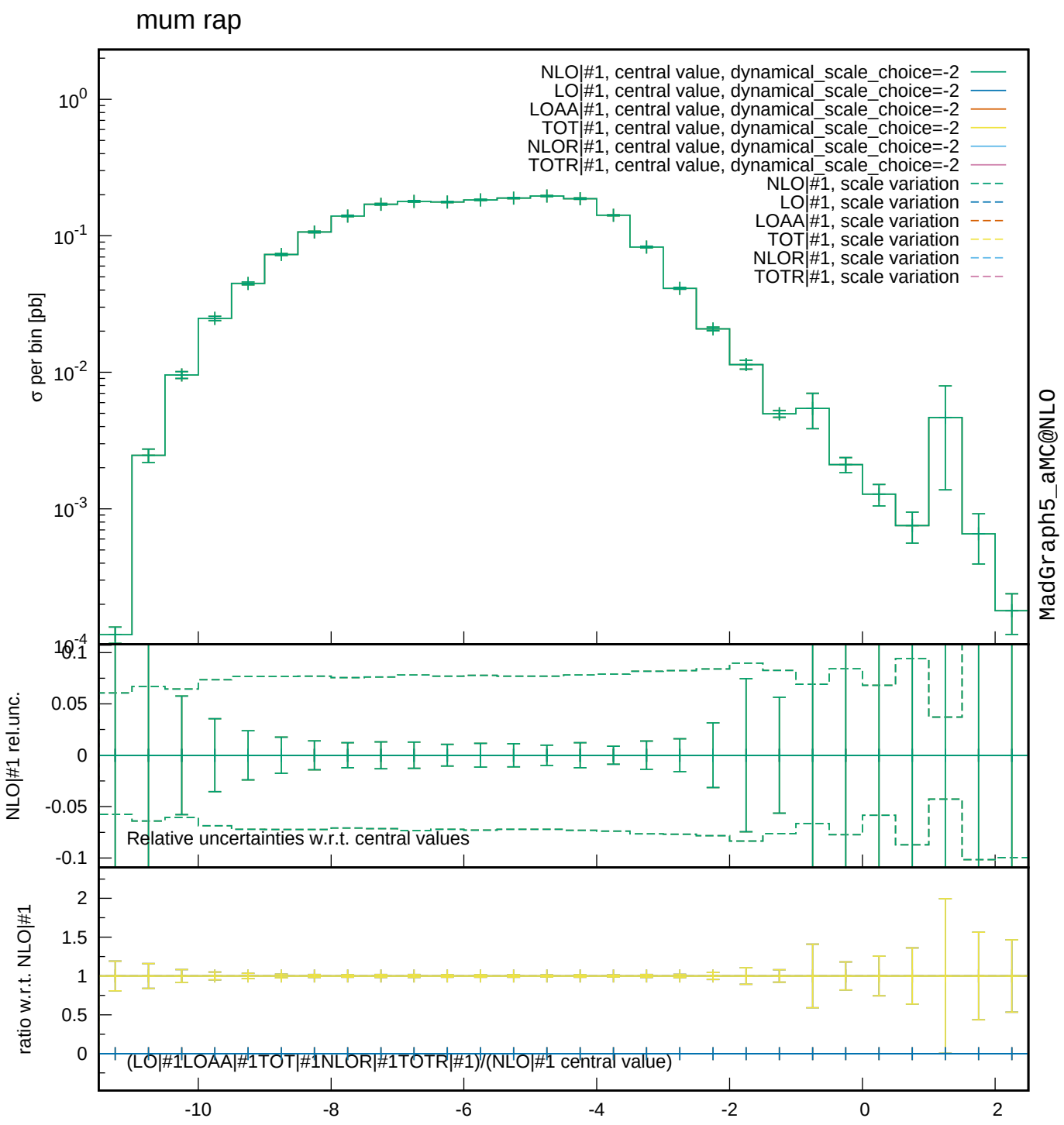
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1+LOAA|#1+TOT|#1+NLOR|#1+TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


mum rap
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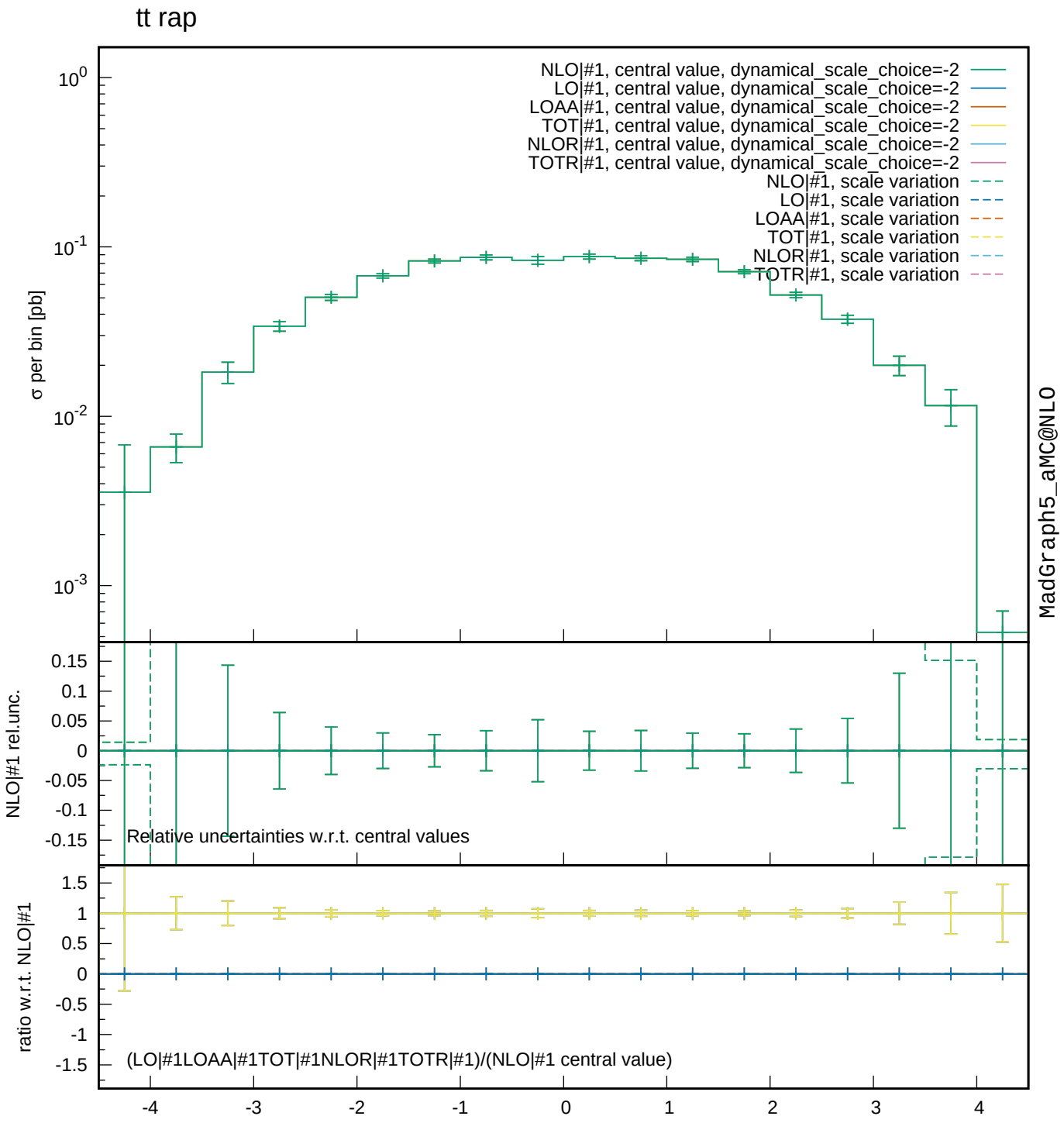
LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO


tt rap
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LO|#1, central value, dynamical_scale_choice=-2
LOAA|#1, central value, dynamical_scale_choice=-2
TOT|#1, central value, dynamical_scale_choice=-2
NLOR|#1, central value, dynamical_scale_choice=-2
TOTR|#1, central value, dynamical_scale_choice=-2
NLO|#1, scale variation
LO|#1, scale variation
LOAA|#1, scale variation
TOT|#1, scale variation
NLOR|#1, scale variation
TOTR|#1, scale variation
σ per bin [pb]
NLO|#1 rel.unc.
Relative uncertainties w.r.t. central values
ratio w.r.t. NLO|#1
(LO|#1LOAA|#1TOT|#1NLOR|#1TOTR|#1)/(NLO|#1 central value)
MadGraph5_aMC@NLO