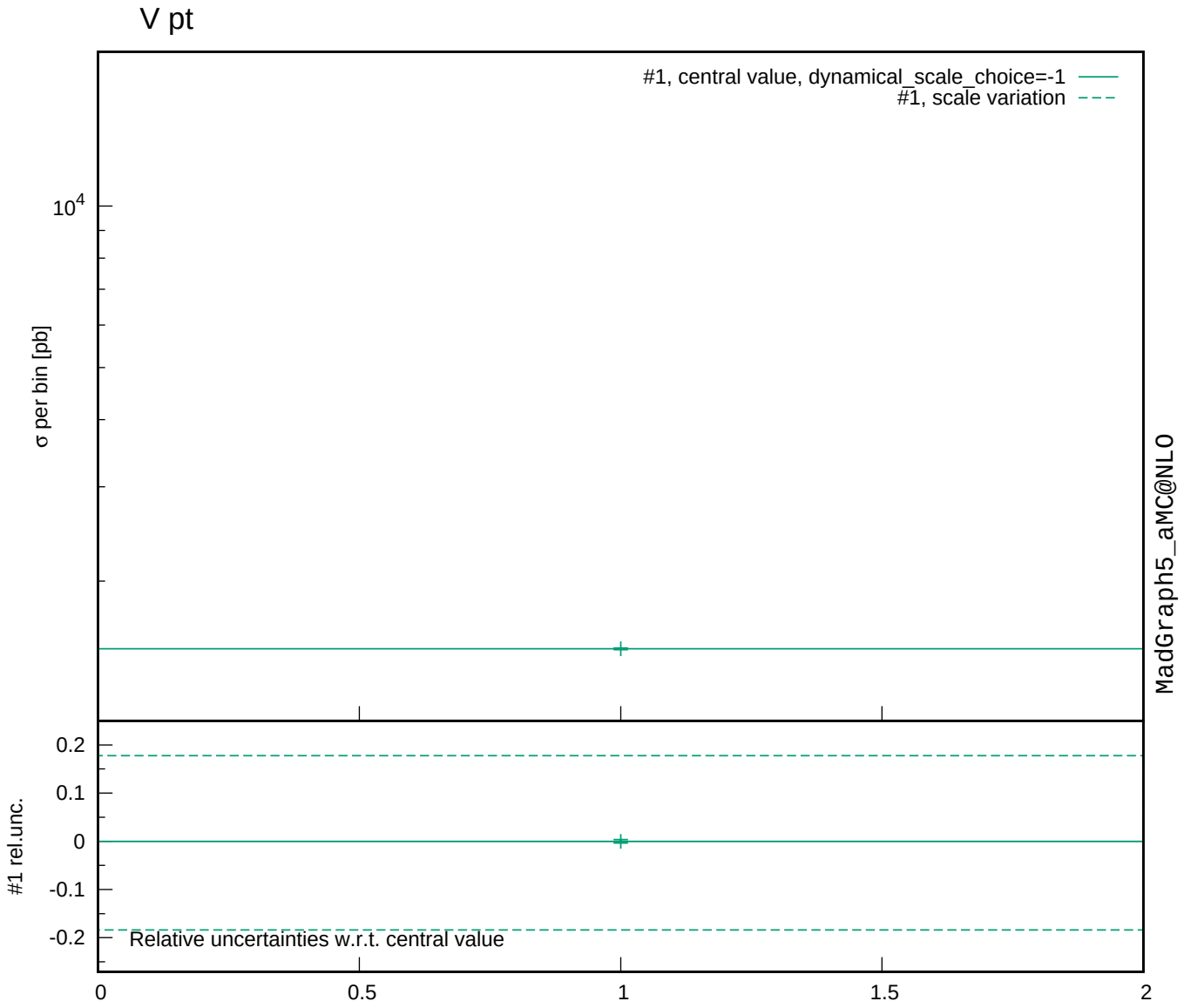
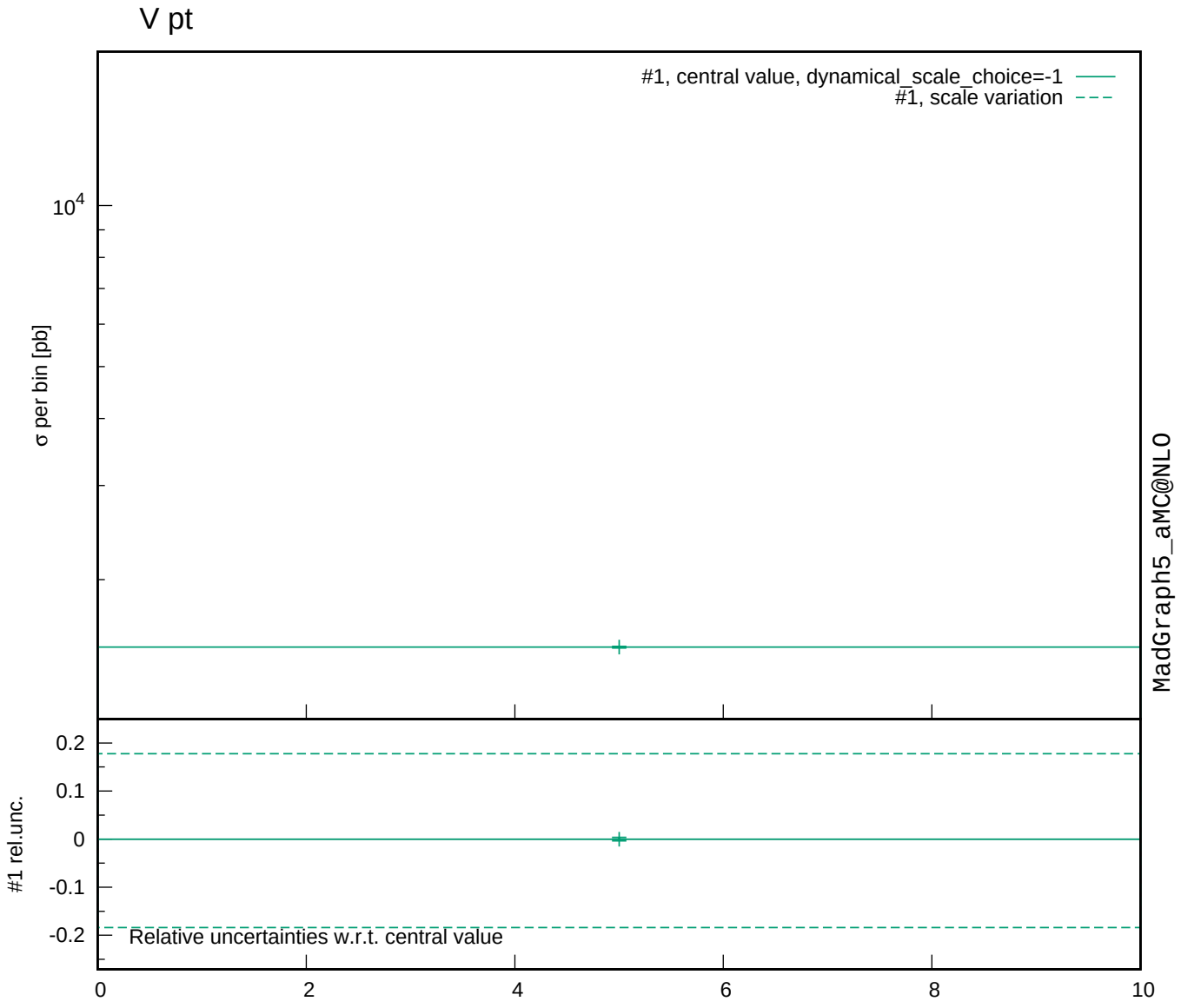
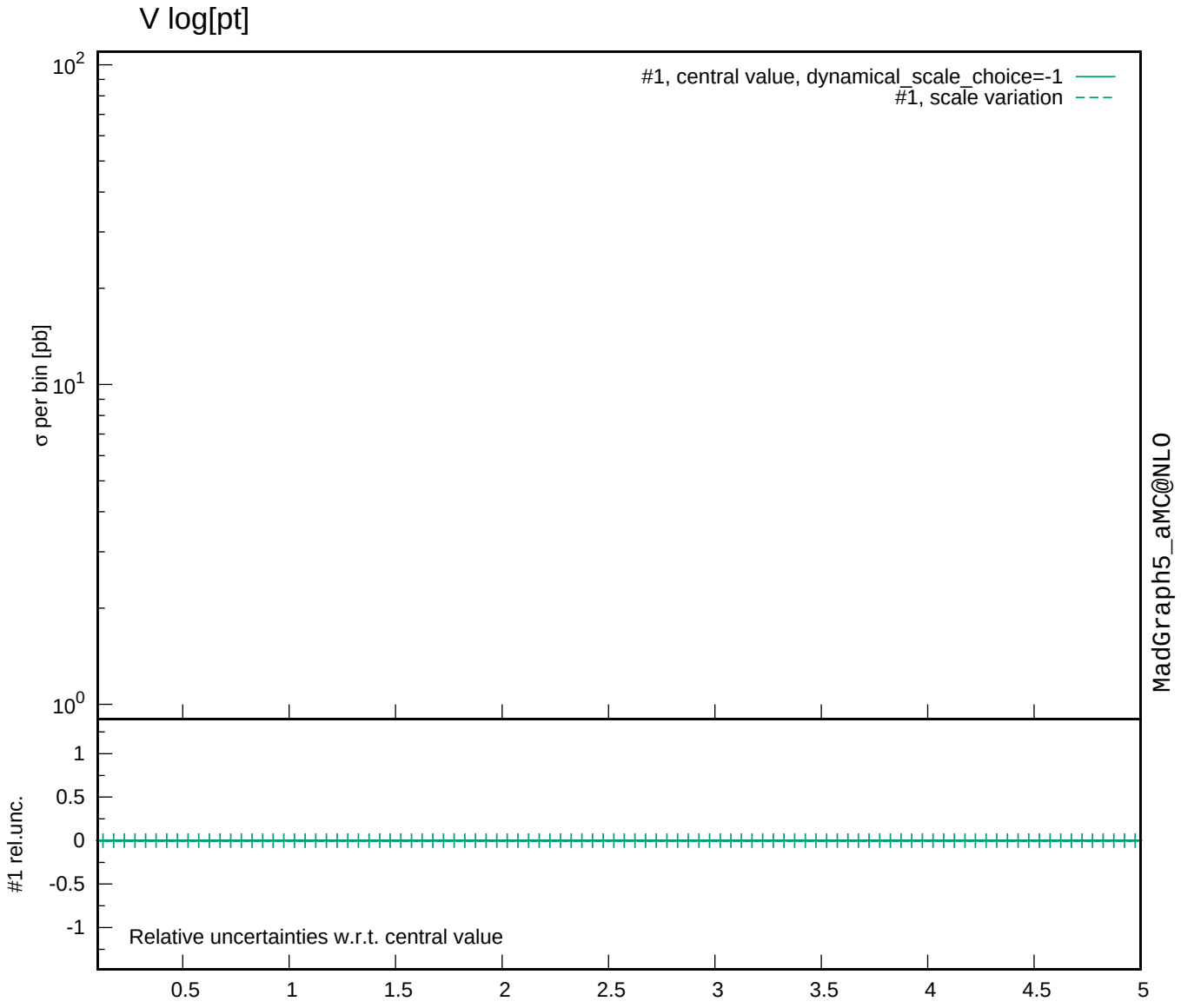
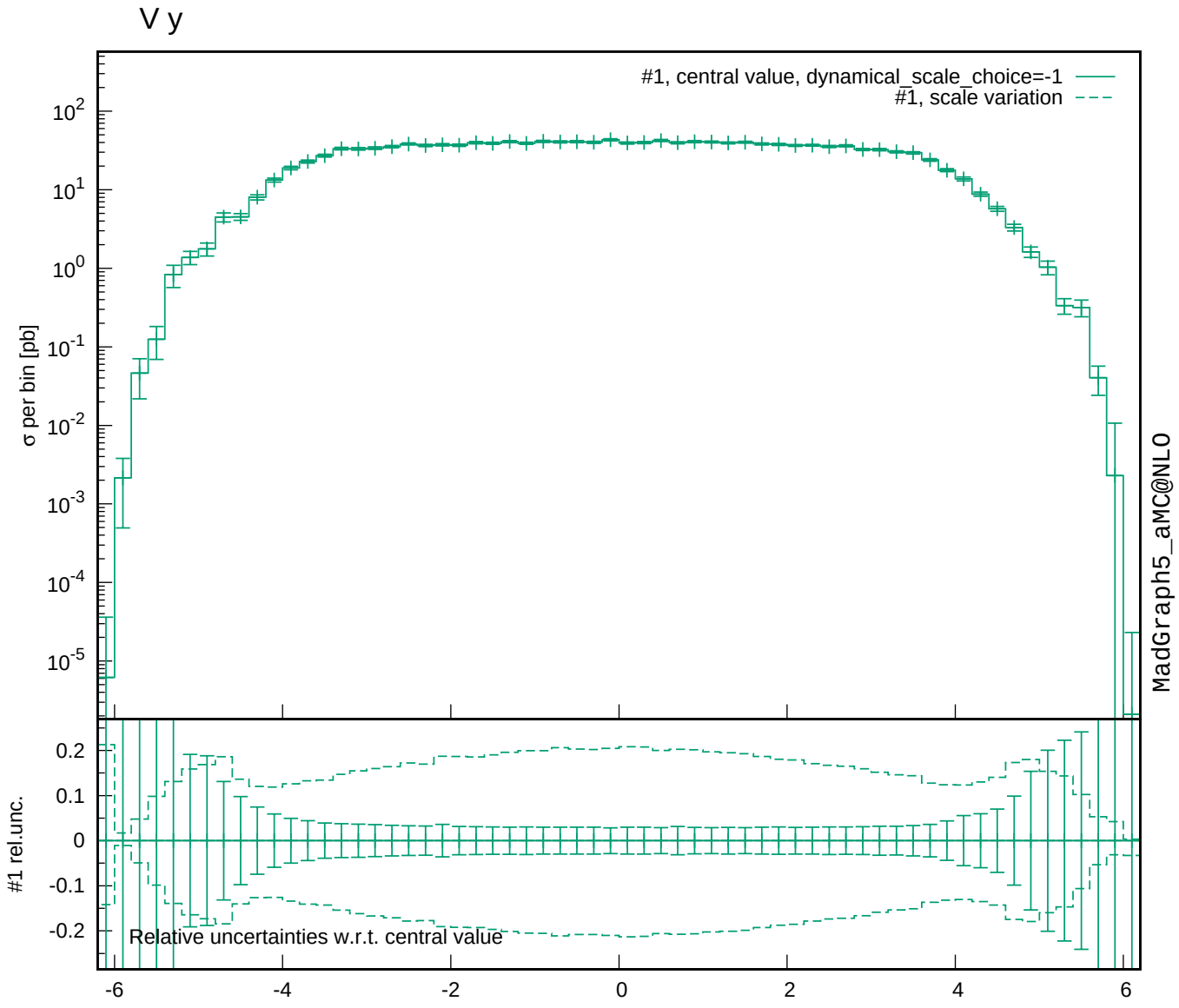
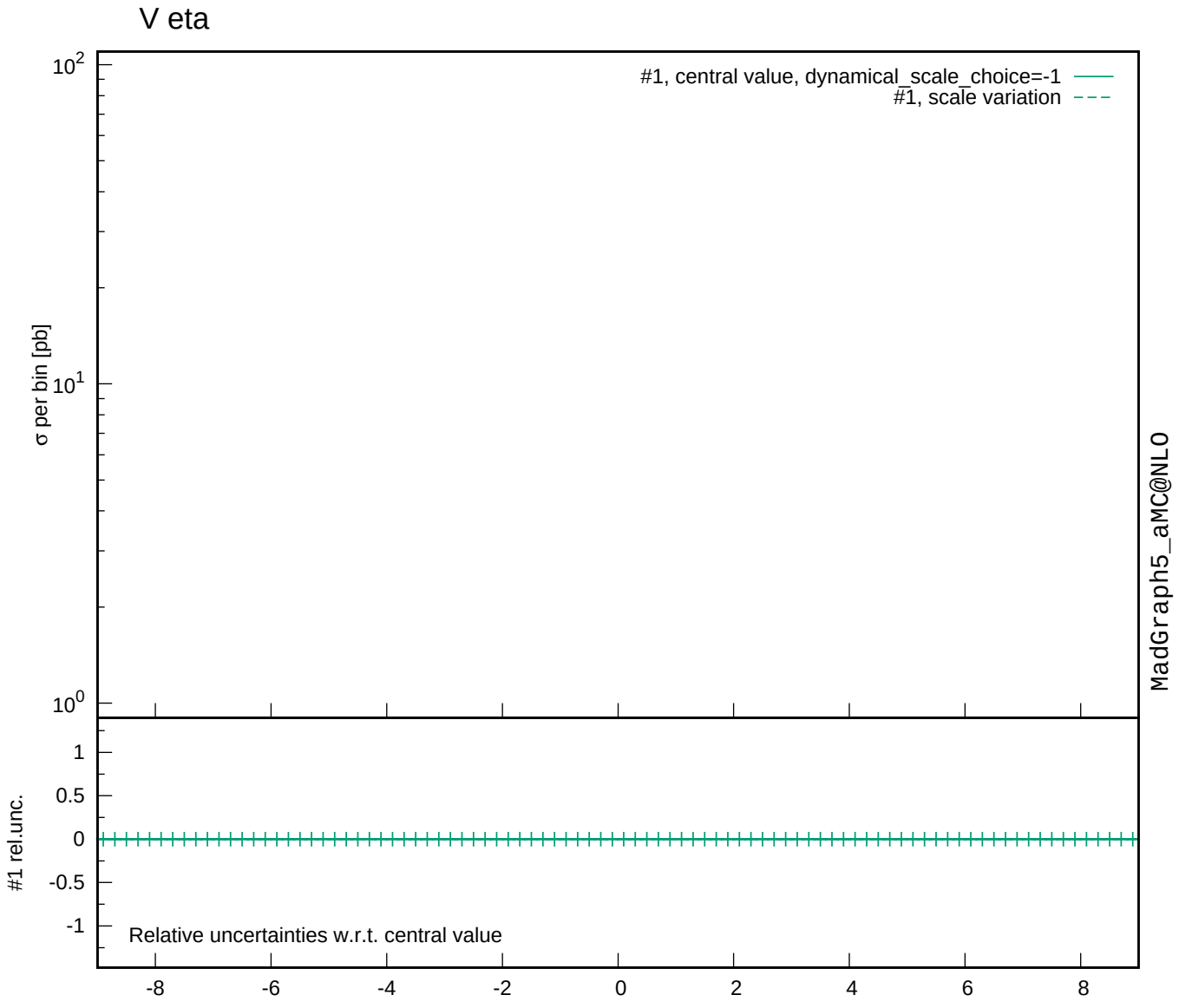
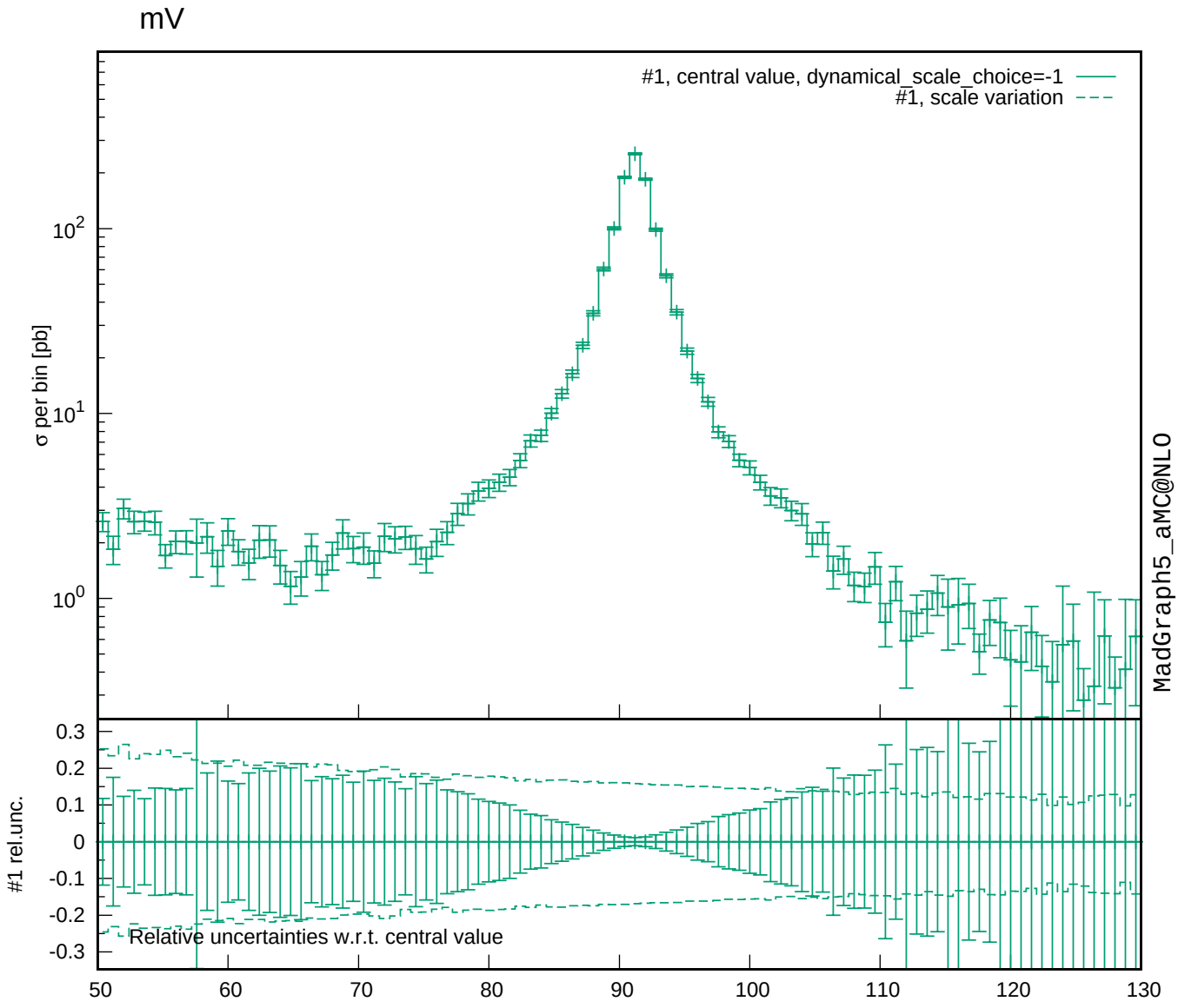

V pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
10^4
σ per bin [pb]
0.2
0.1
0
-0.1
-0.2
#1 rel.unc.
Relative uncertainties w.r.t. central value
0
0.5
1
1.5
2
MadGraph5_aMC@NLO

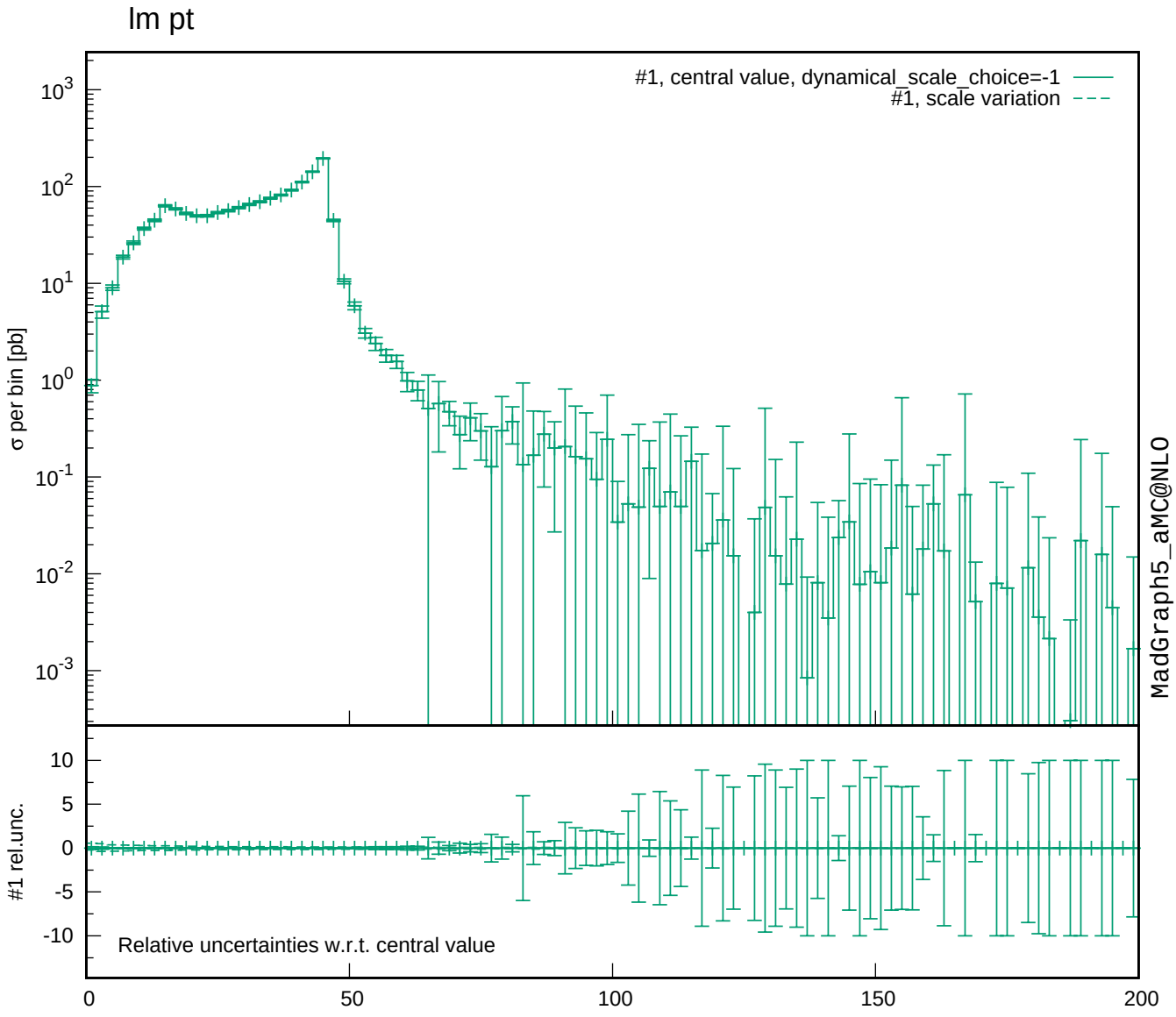

V pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^4
#1 rel.unc.
0.2
0.1
0
-0.1
-0.2
Relative uncertainties w.r.t. central value
0
2
4
6
8
10
MadGraph5_aMC@NLO

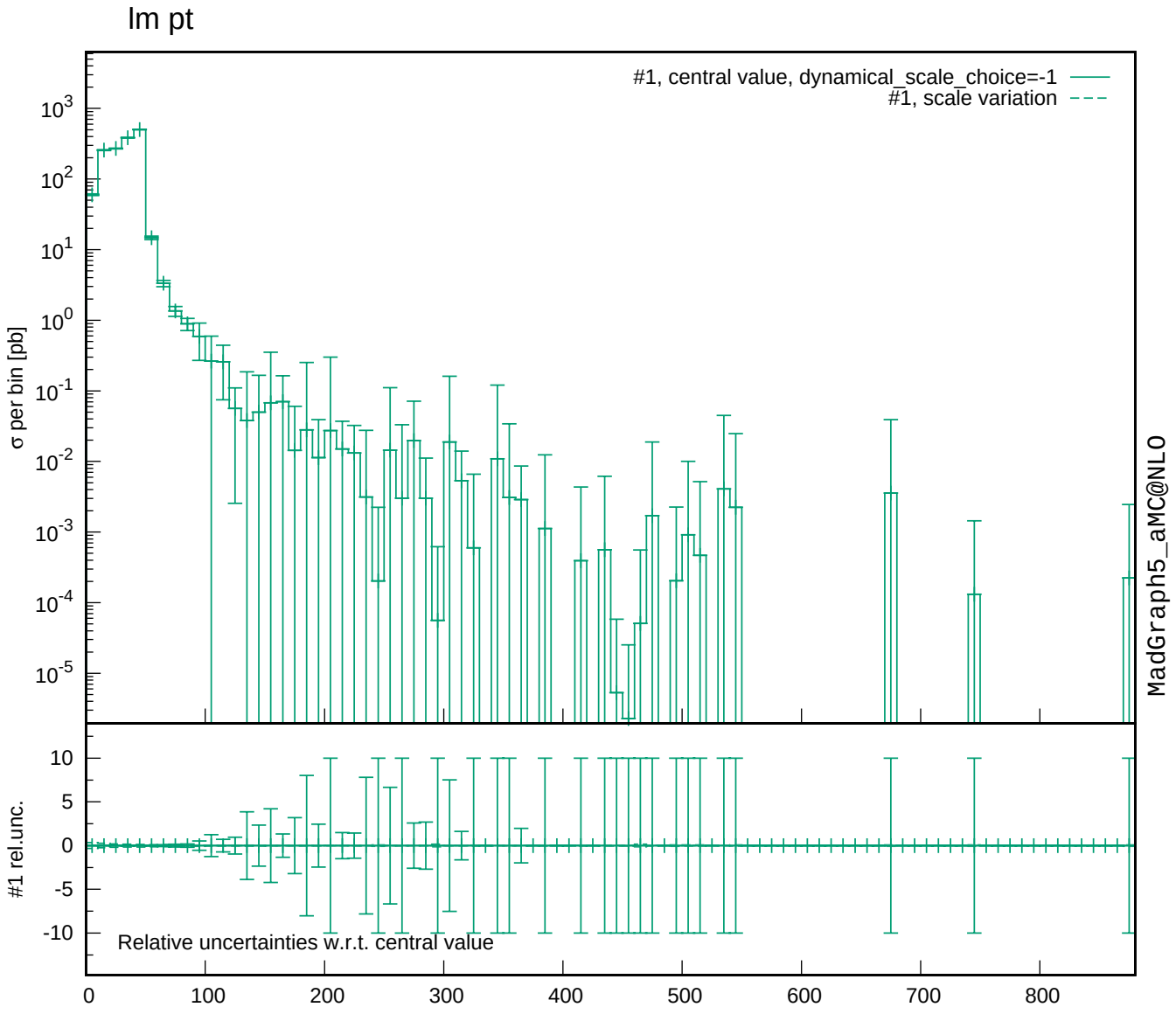

V log[pt]
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
MadGraph5_aMC@NLO

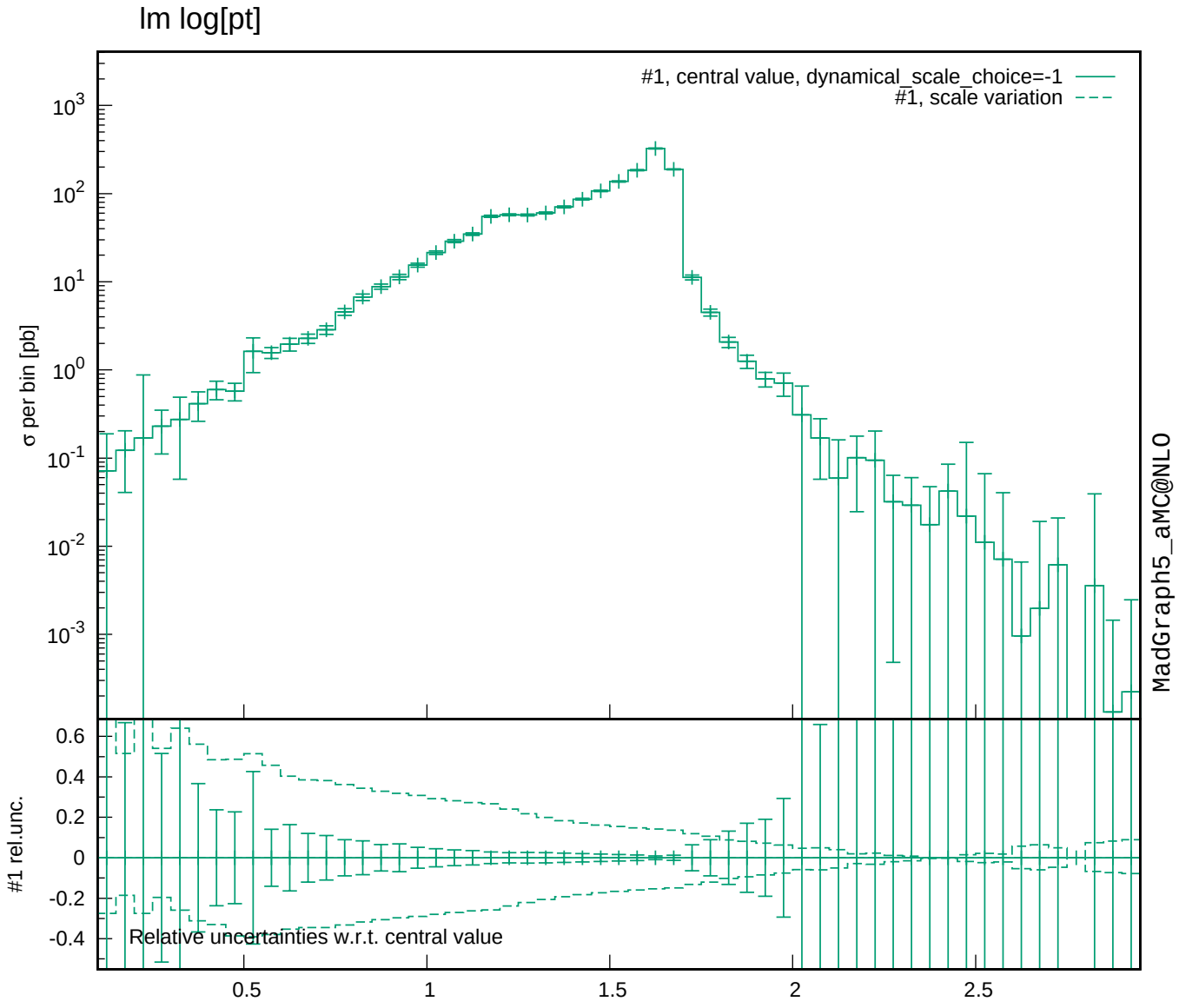

V y
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

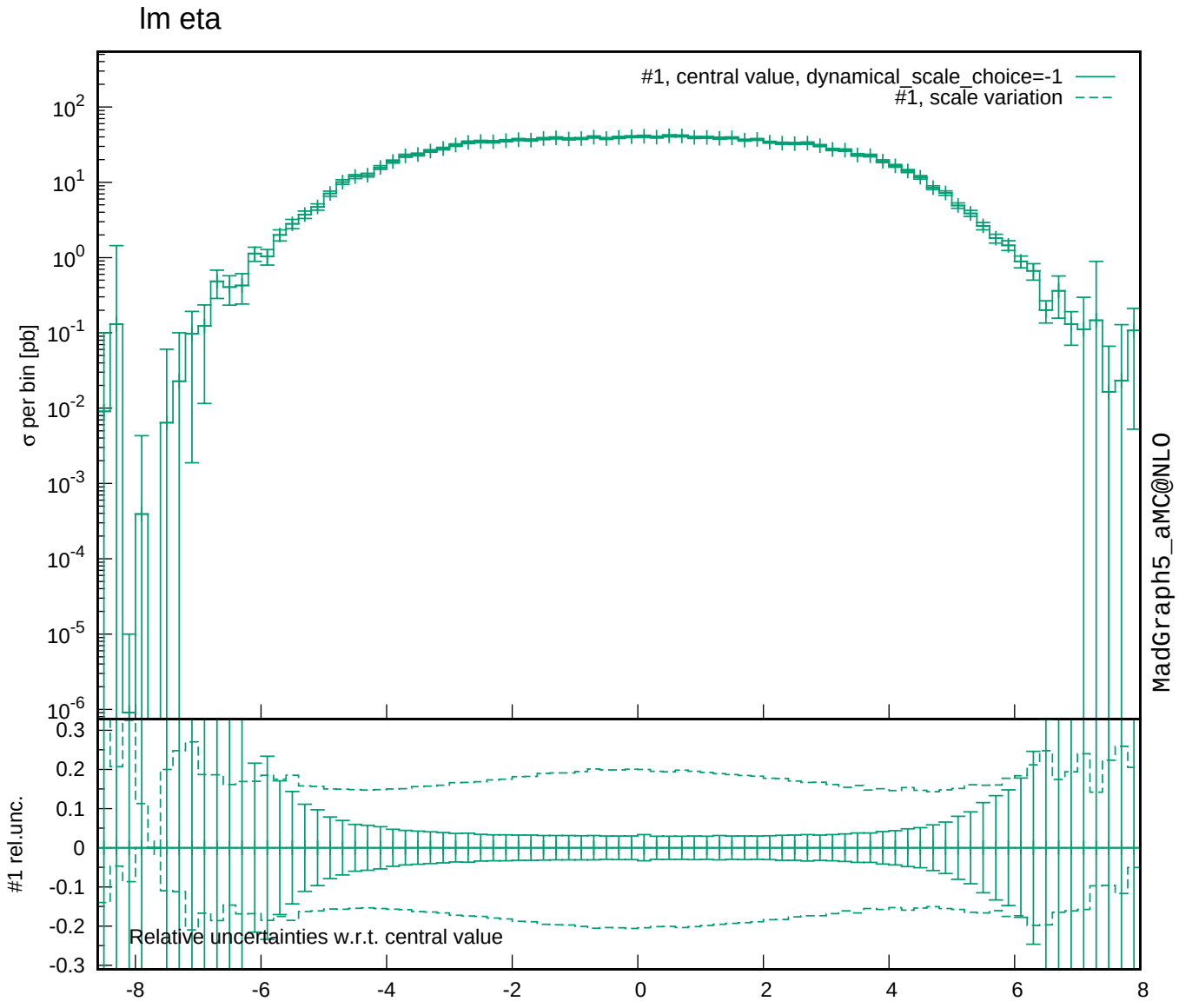

V eta
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-8
-6
-4
-2
0
2
4
6
8
MadGraph5_aMC@NLO

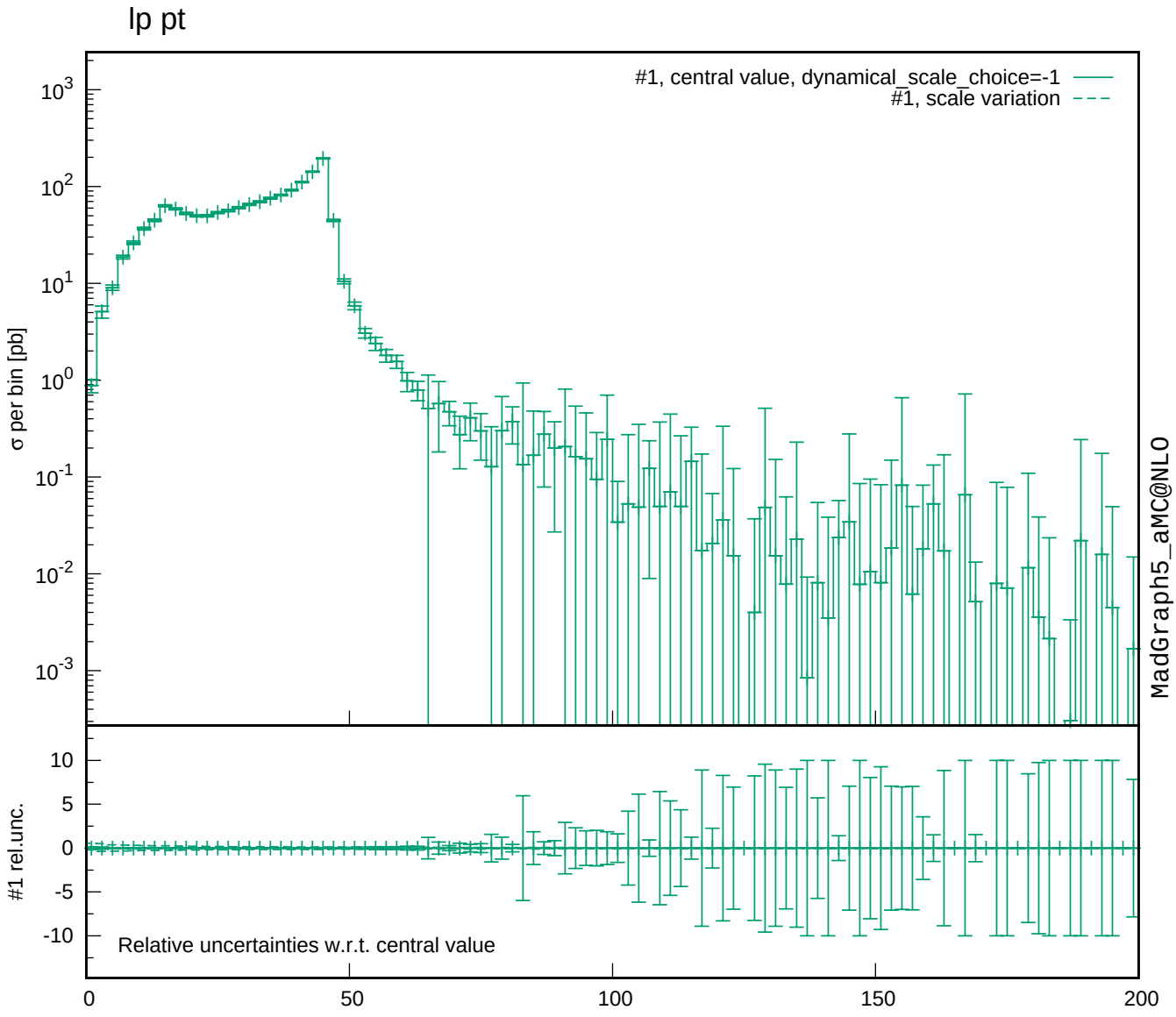

mV
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
MadGraph5_aMC@NLO
#1 rel.unc.
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
Relative uncertainties w.r.t. central value
50
60
70
80
90
100
110
120
130

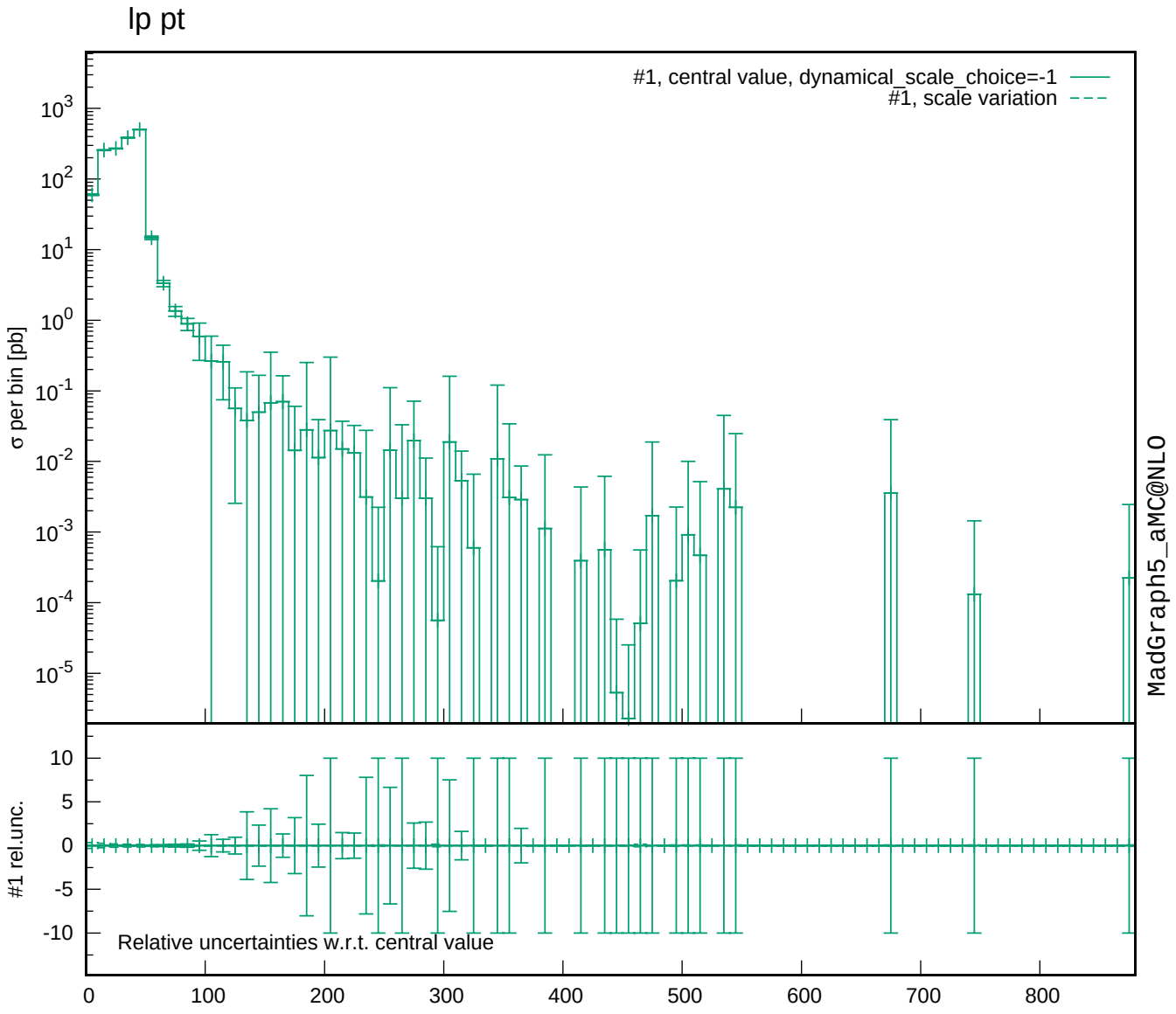

lm pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10
5
0
-5
-10
0
50
100
150
200

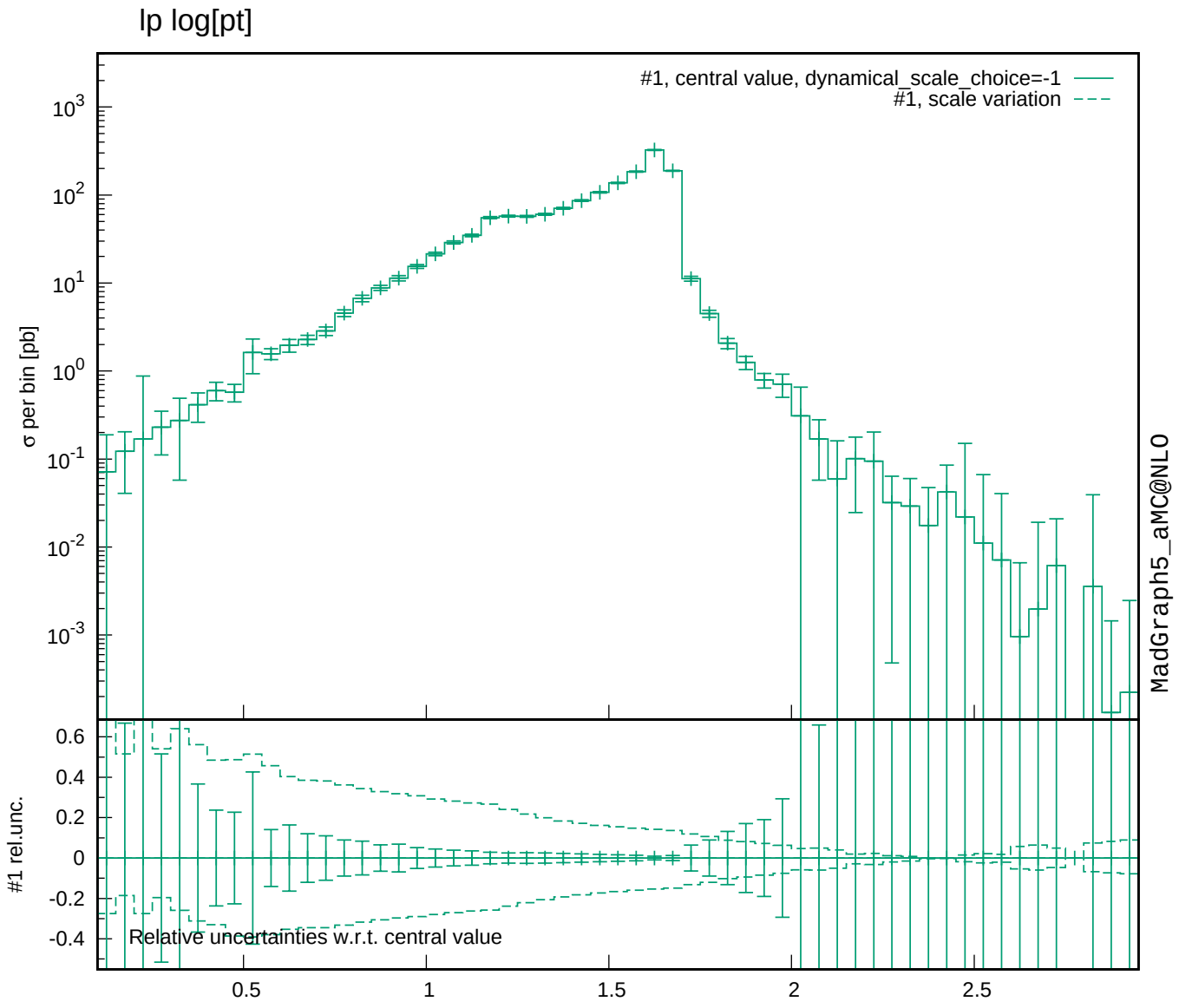

lm pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

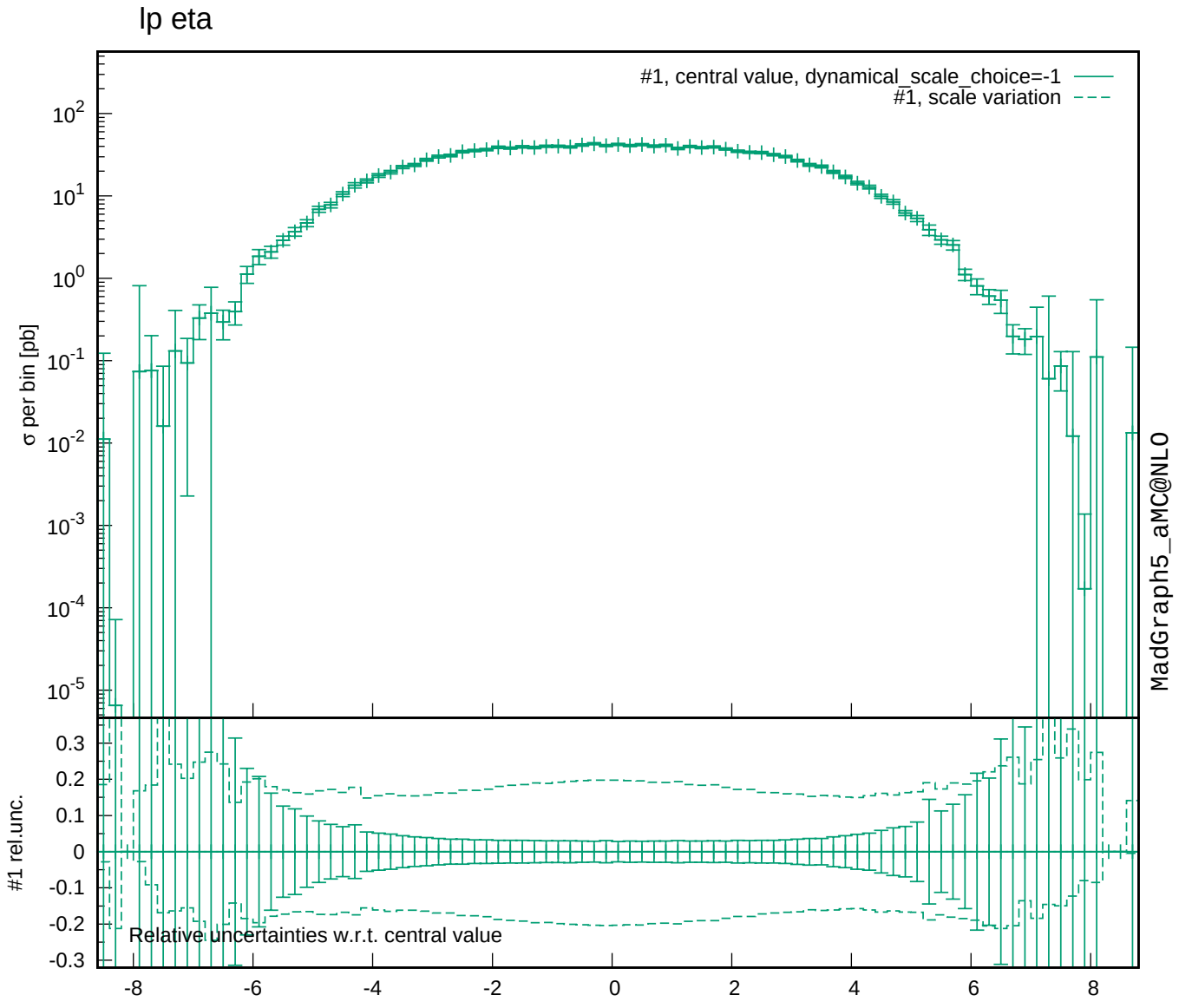

lm log[pt]
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

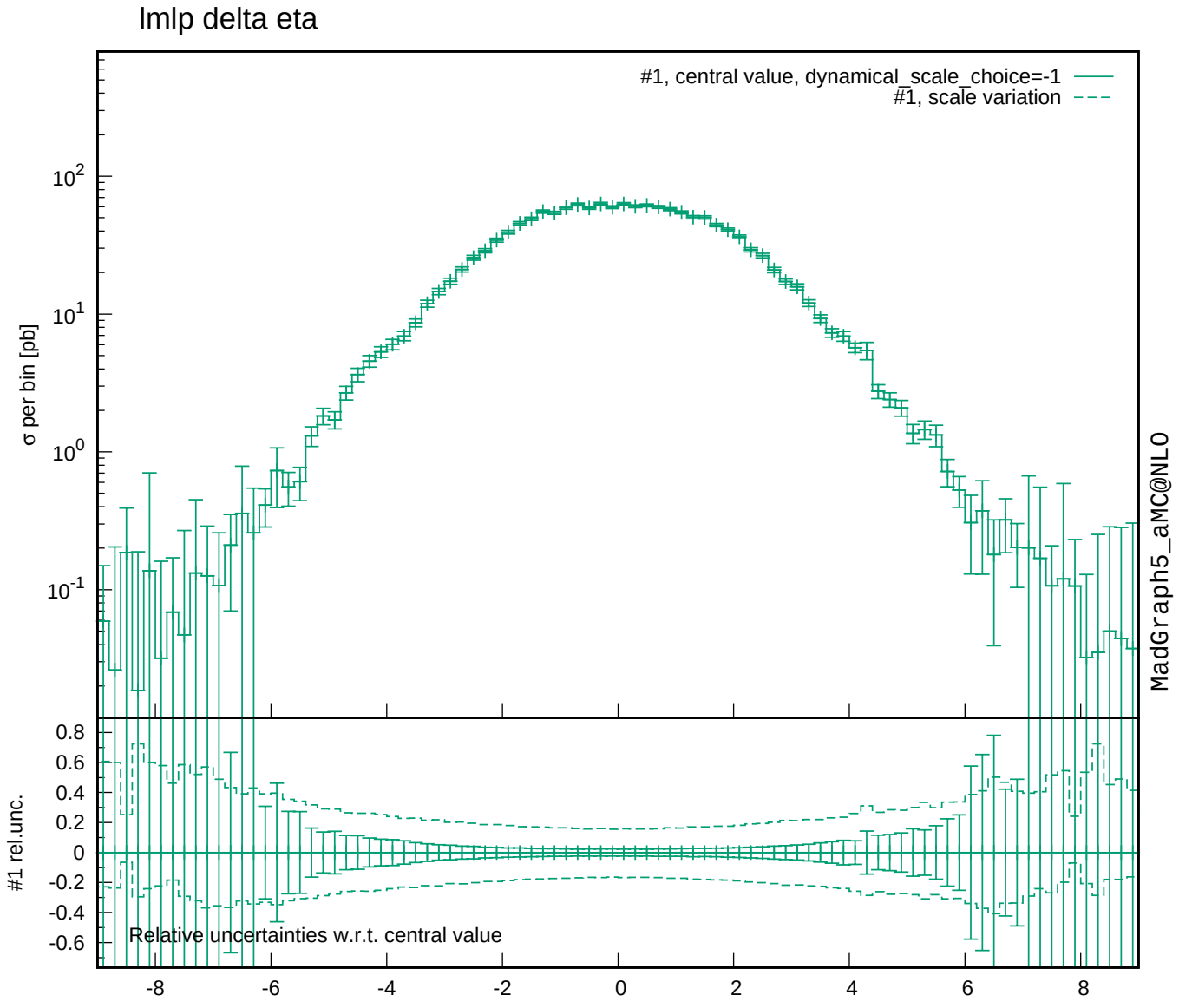

lm eta
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

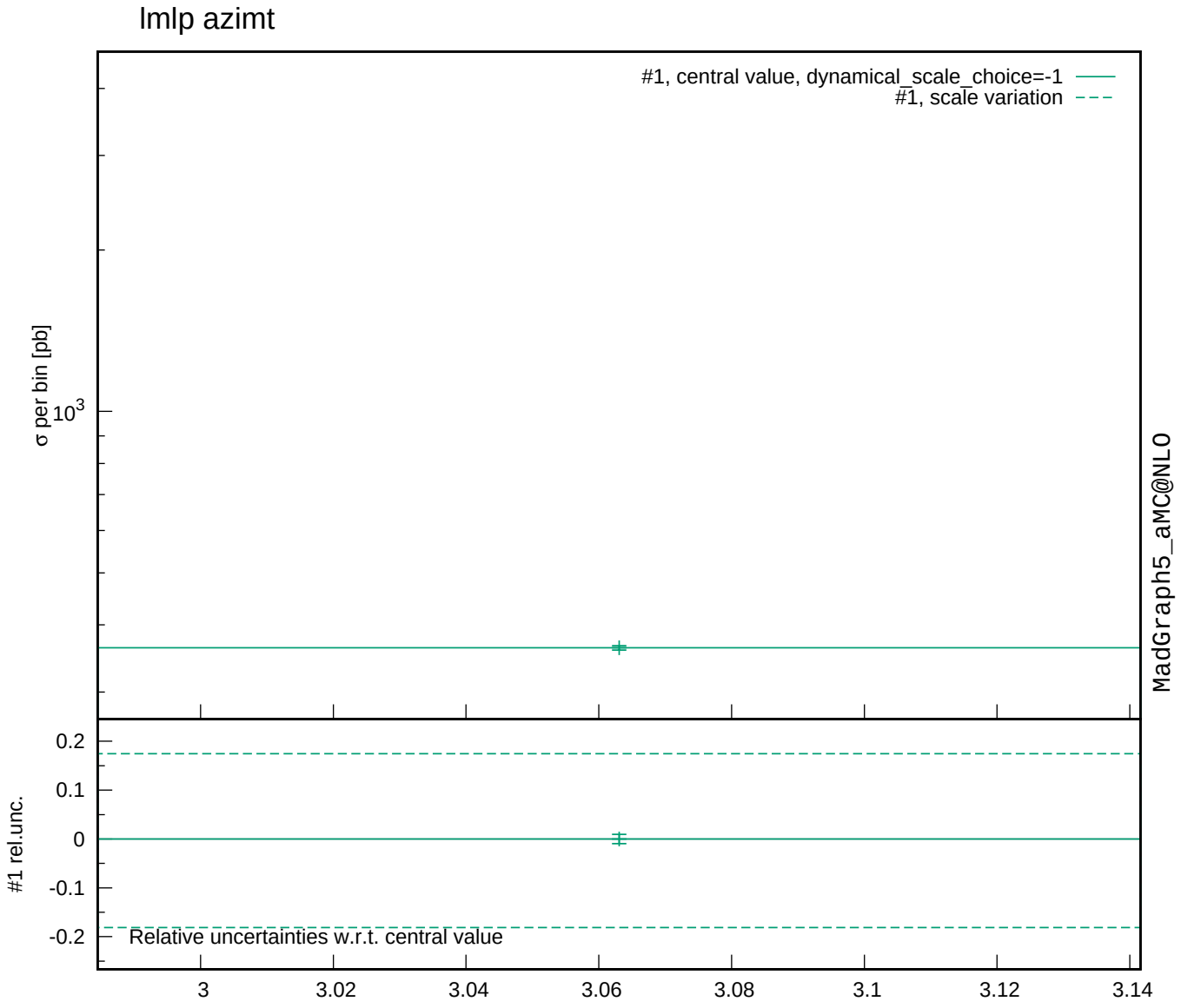

lp pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO
0
50
100
150
200

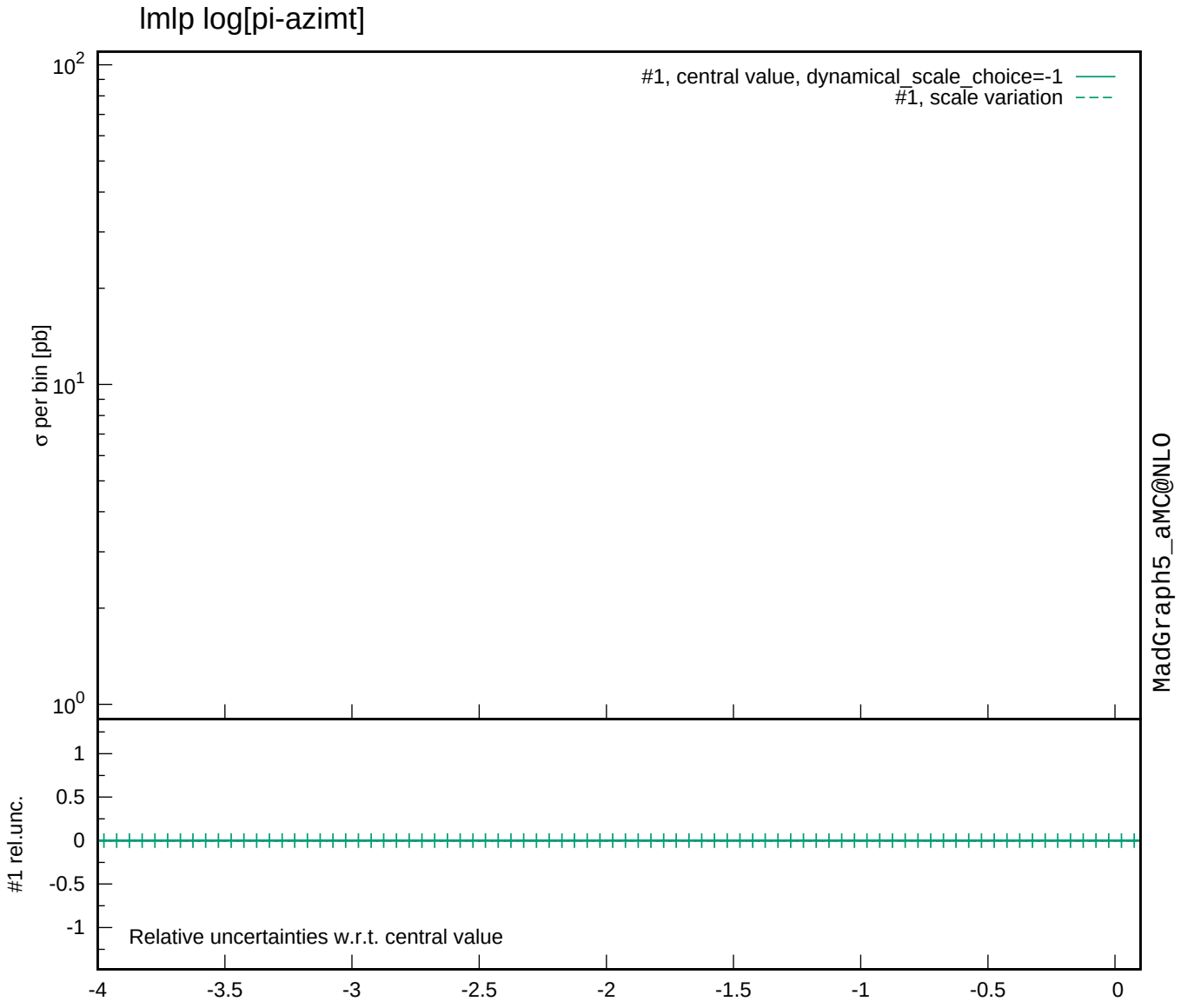

lp pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

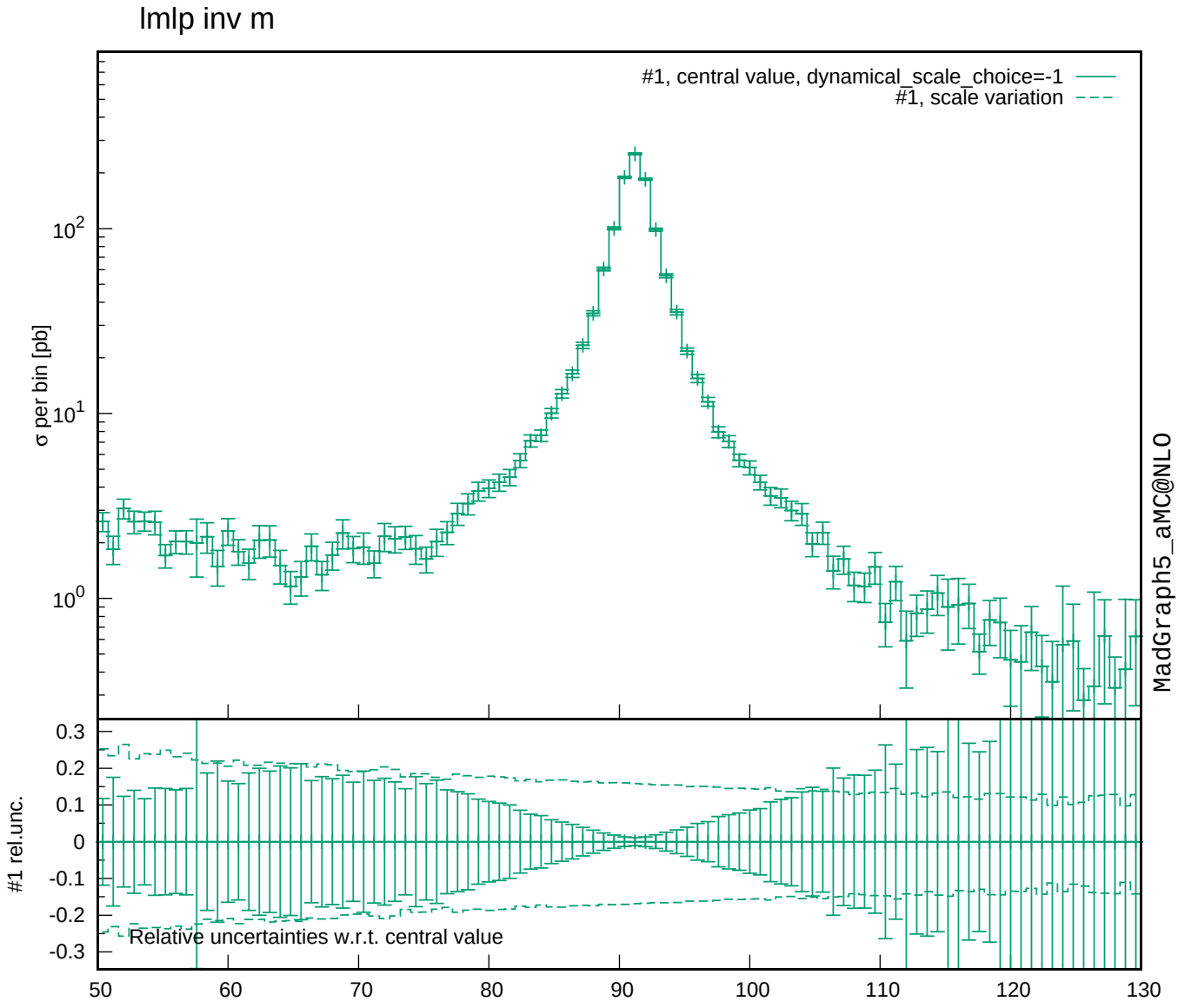

lp log[pt]
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

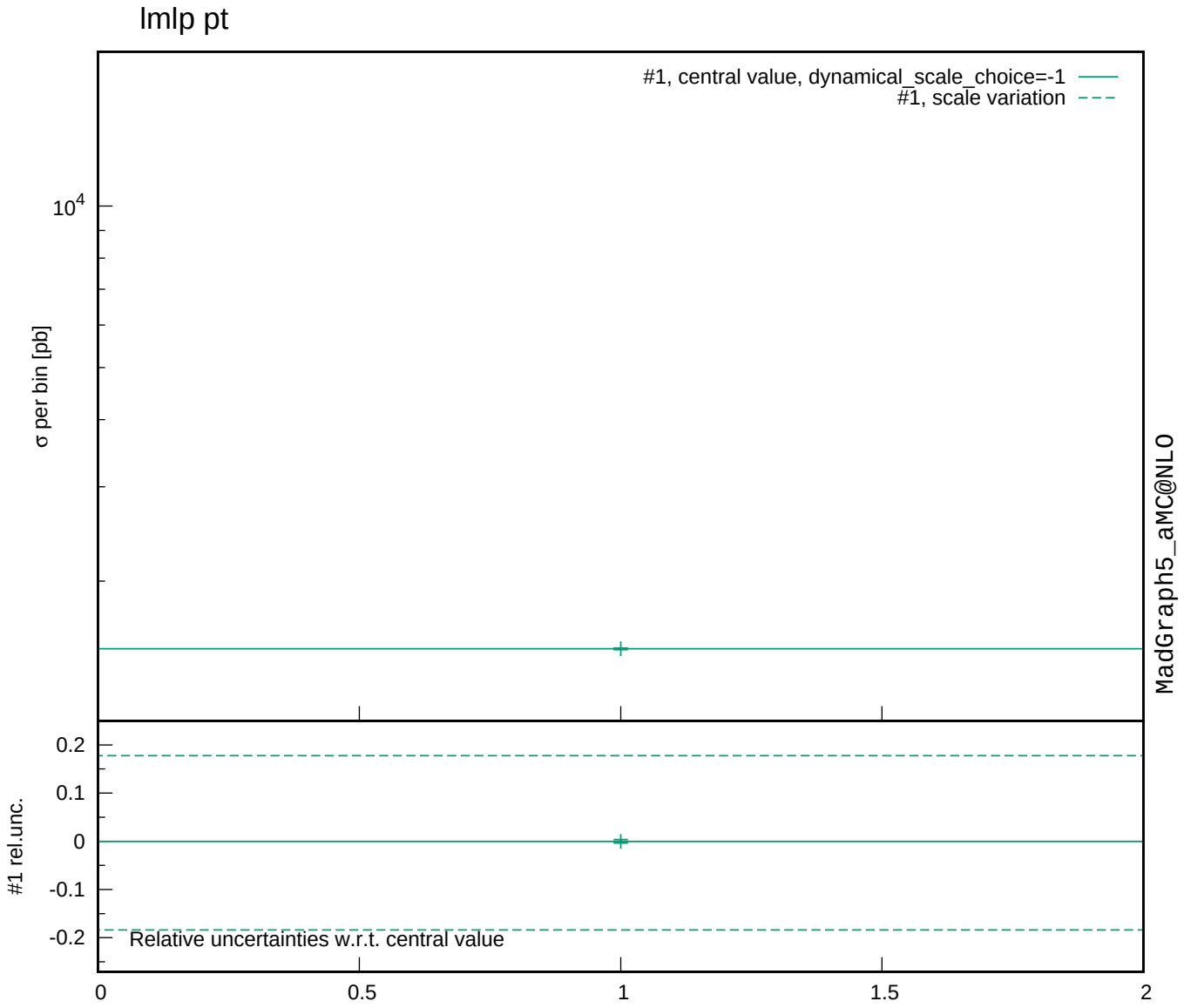

lp eta
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

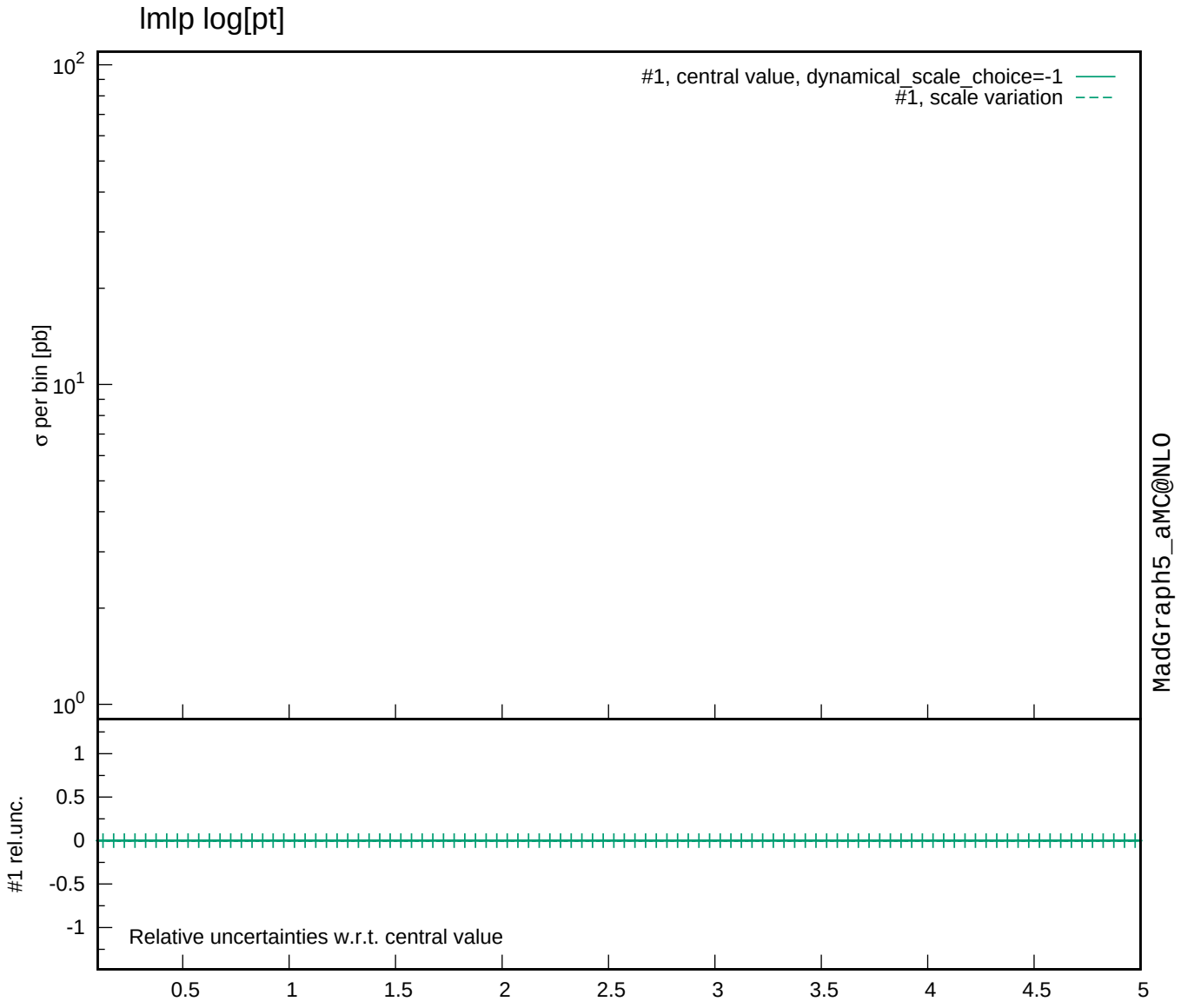

lmlp delta eta
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
10^{-1}
#1 rel.unc.
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
Relative uncertainties w.r.t. central value
-8
-6
-4
-2
0
2
4
6
8
MadGraph5_aMC@NLO

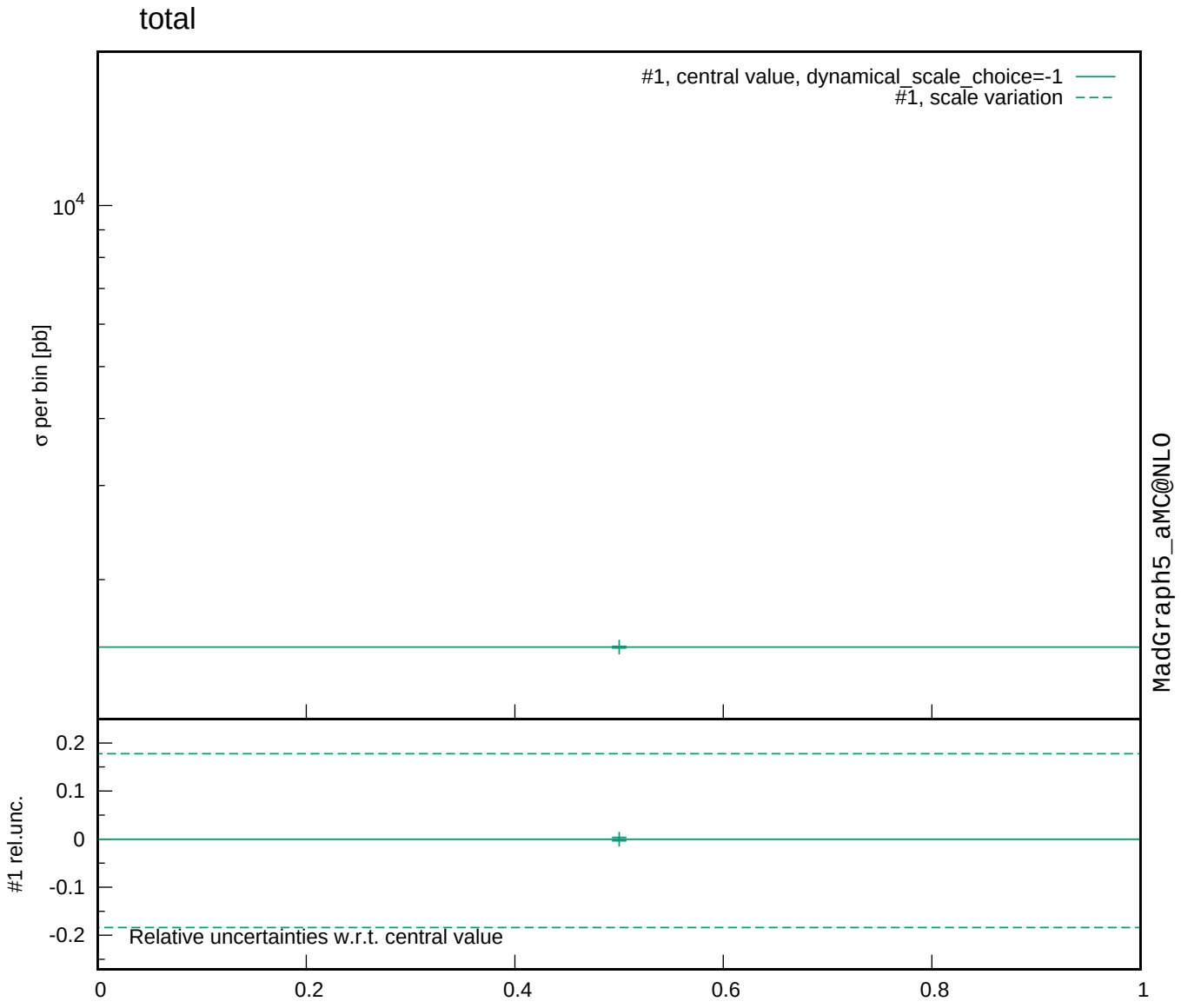

lmlp azimt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^3
#1 rel.unc.
0.2
0.1
0
-0.1
-0.2
Relative uncertainties w.r.t. central value
3
3.02
3.04
3.06
3.08
3.1
3.12
3.14
MadGraph5_aMC@NLO

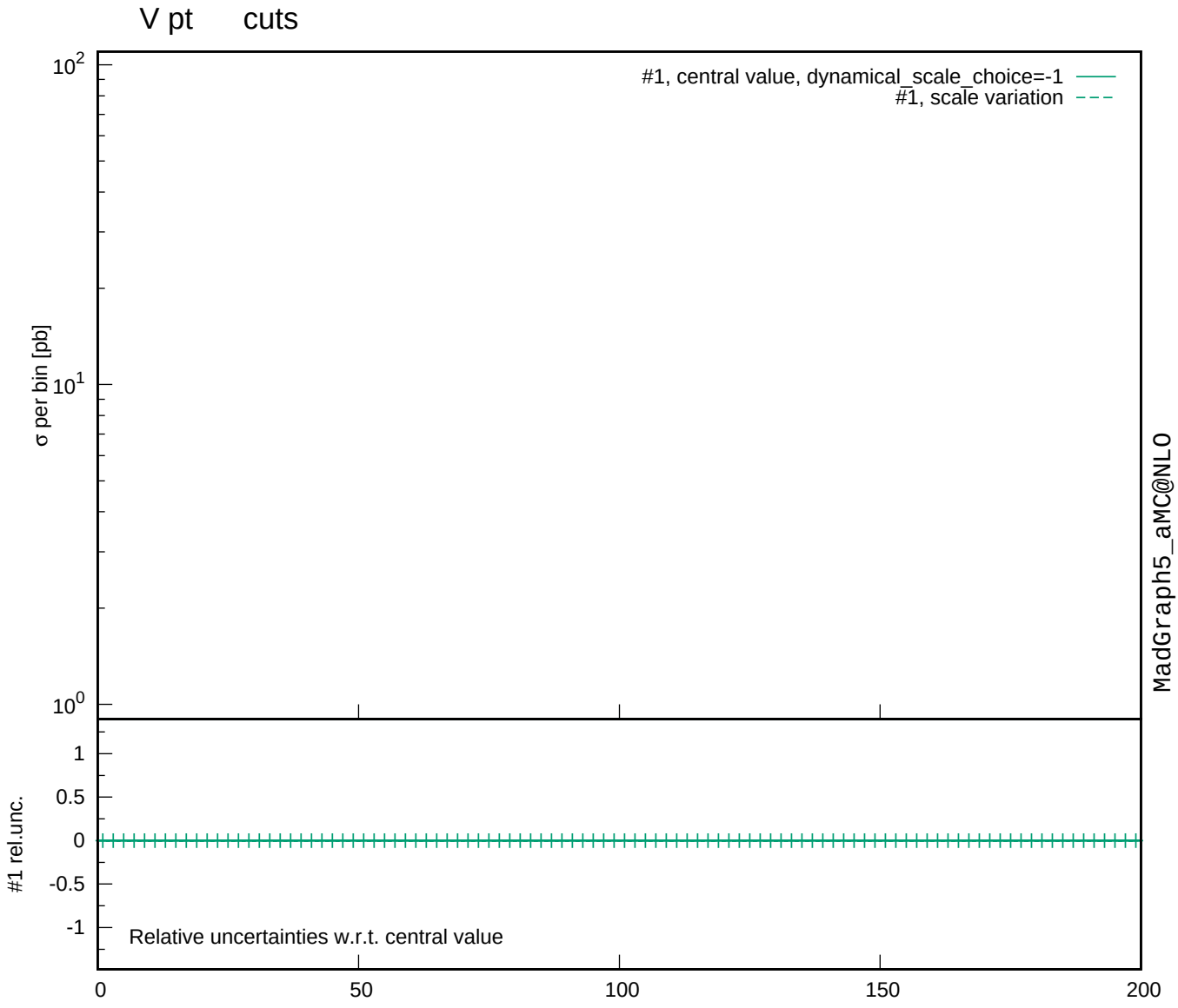

lmlp log[pi-azimt]
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-4
-3.5
-3
-2.5
-2
-1.5
-1
-0.5
0
MadGraph5_aMC@NLO

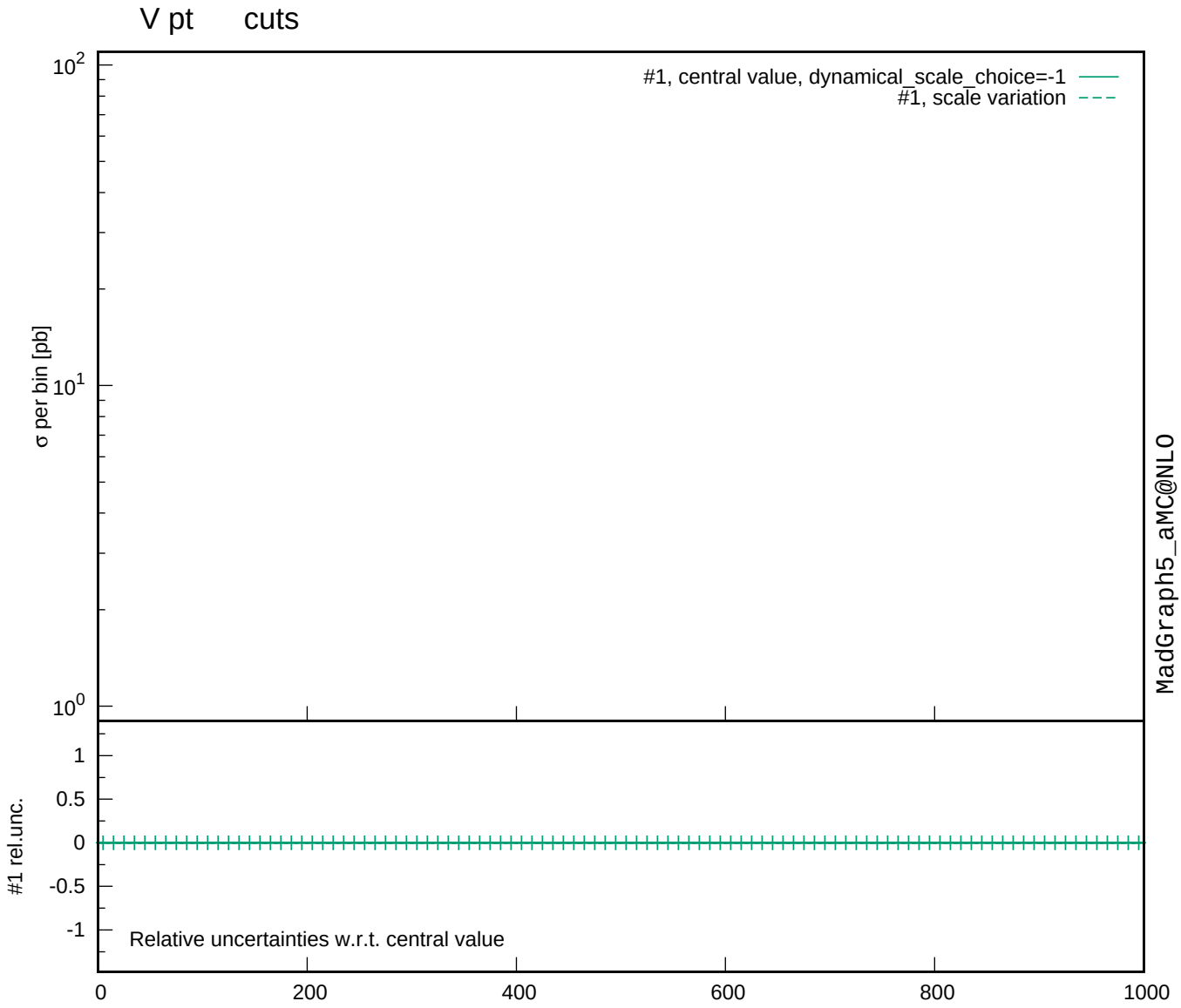

lmlp inv m
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
MadGraph5_aMC@NLO
#1 rel.unc.
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
Relative uncertainties w.r.t. central value
50
60
70
80
90
100
110
120
130

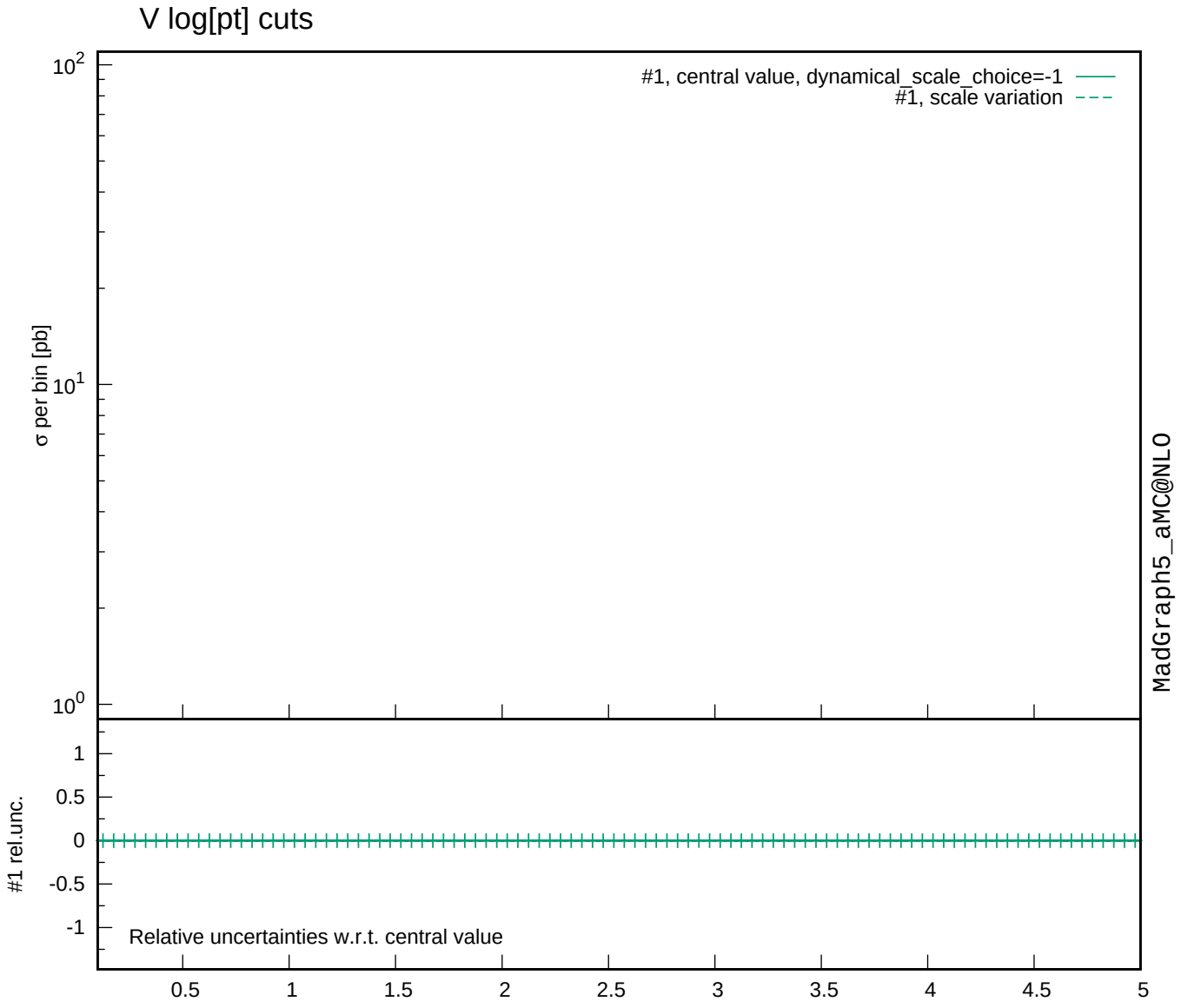

lmlp pt
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^4
#1 rel.unc.
0.2
0.1
0
-0.1
-0.2
Relative uncertainties w.r.t. central value
0
0.5
1
1.5
2
MadGraph5_aMC@NLO

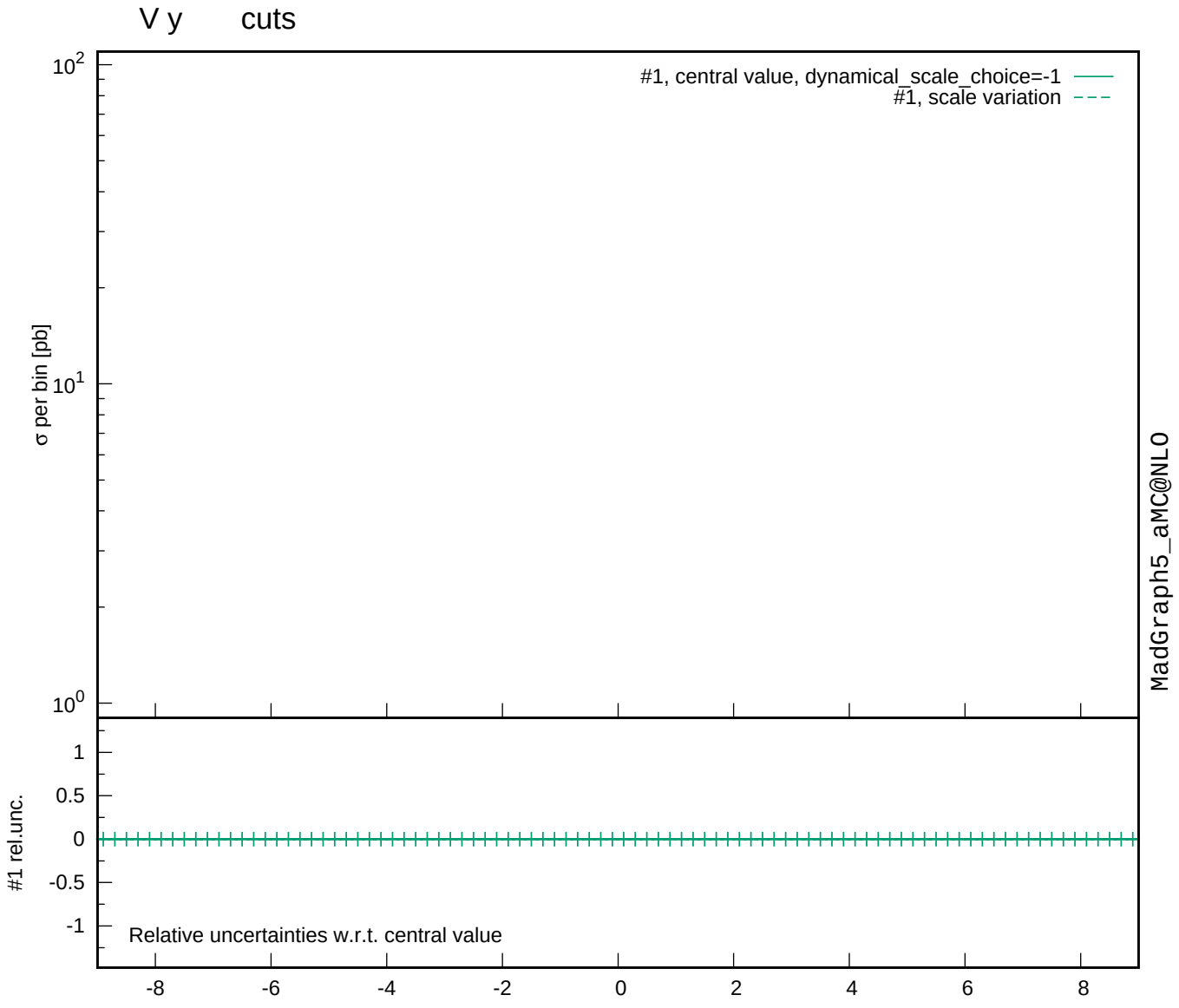

lmlp log[pt]
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
MadGraph5_aMC@NLO

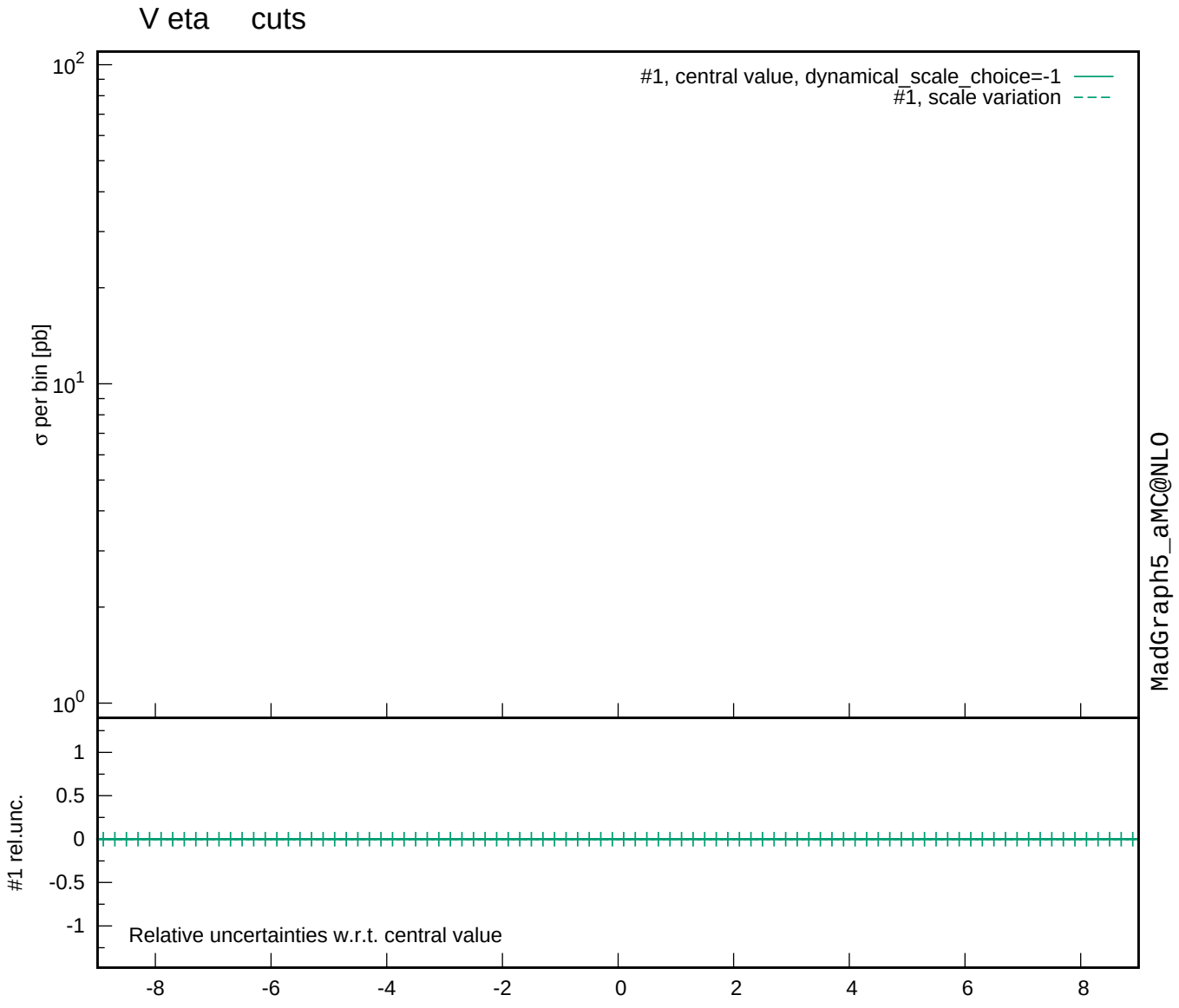

total
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^4
#1 rel.unc.
0.2
0.1
0
-0.1
-0.2
Relative uncertainties w.r.t. central value
0
0.2
0.4
0.6
0.8
1
MadGraph5_aMC@NLO

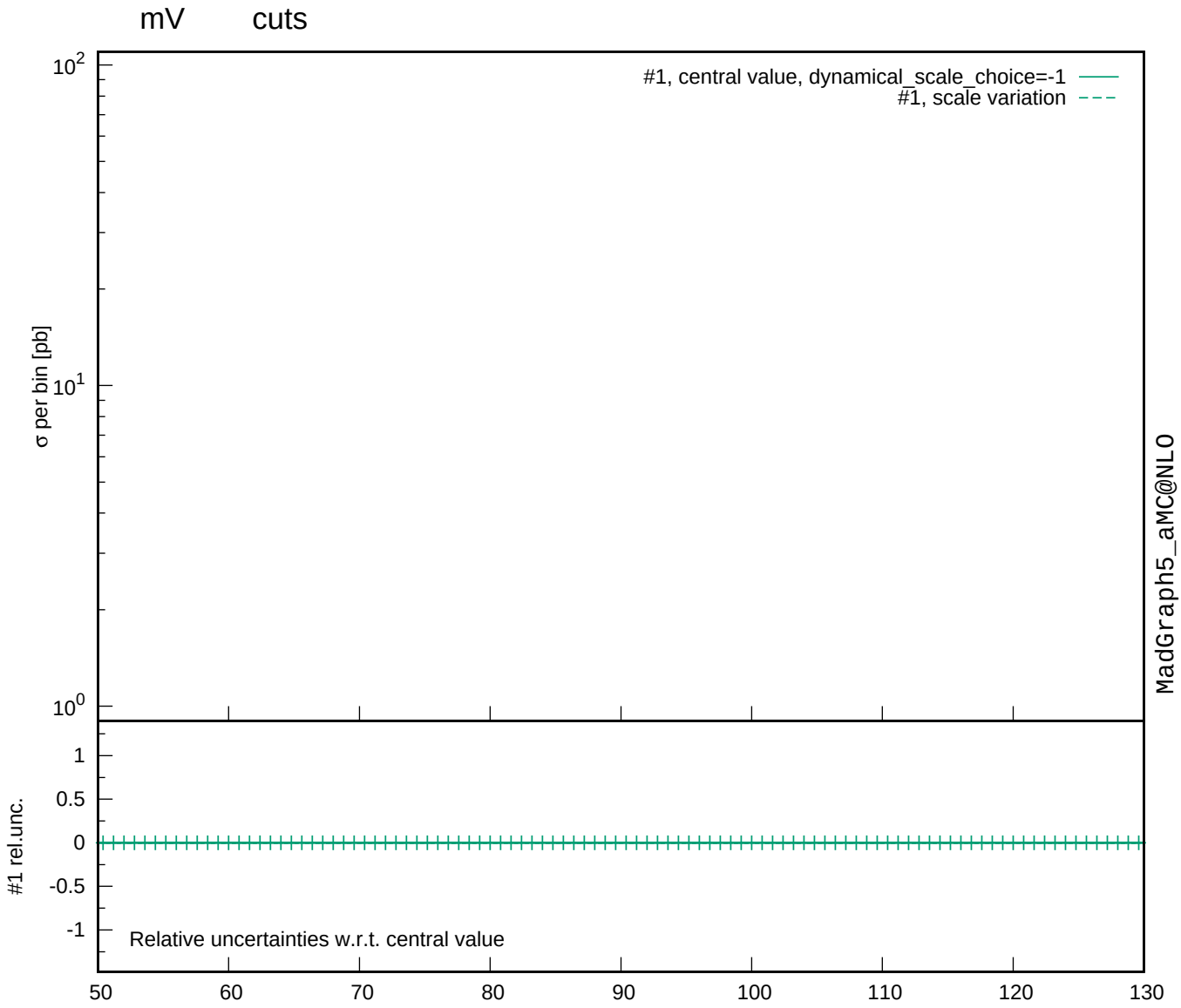

V pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0
50
100
150
200
MadGraph5_aMC@NLO

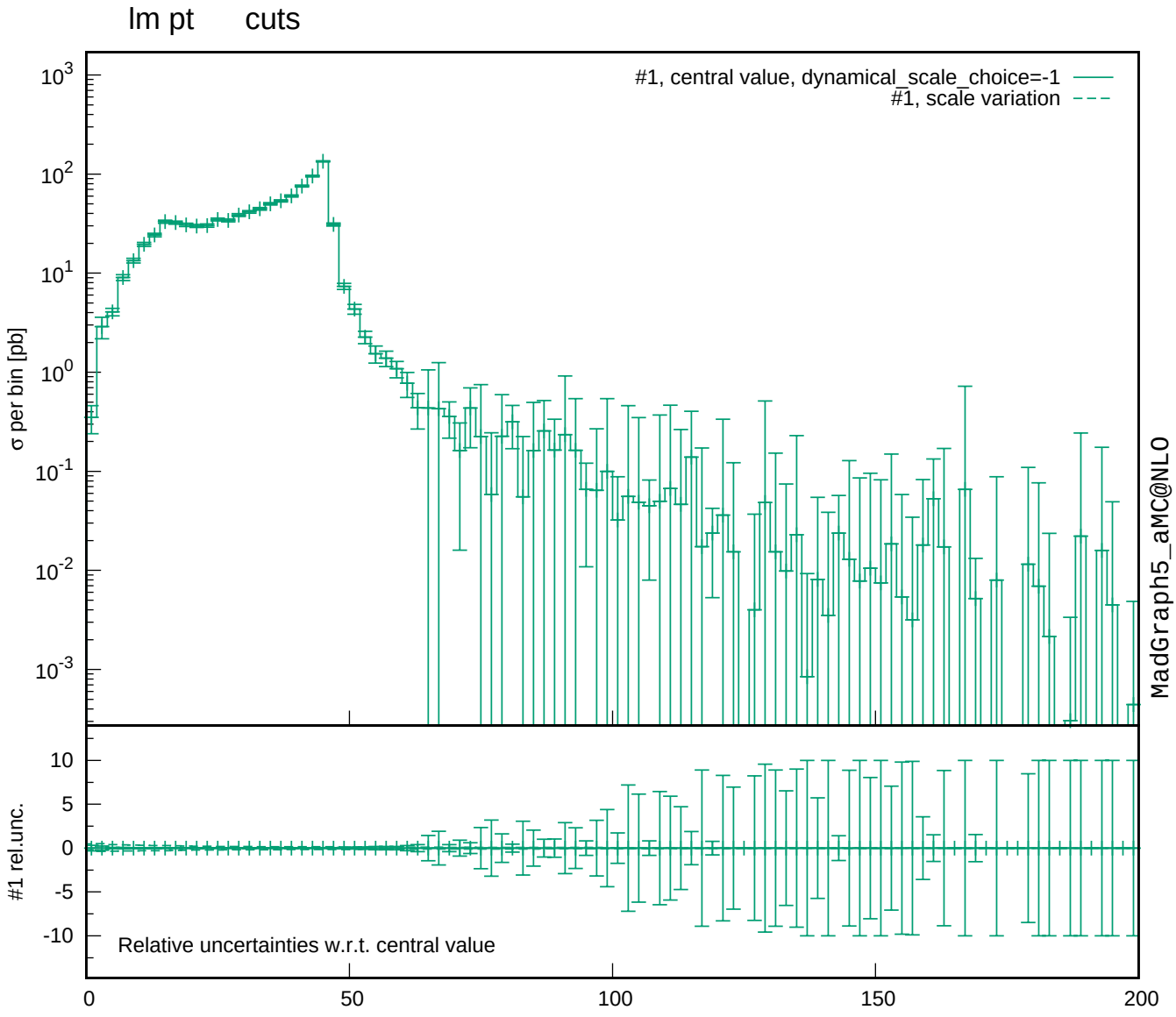

V pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0
200
400
600
800
1000
MadGraph5_aMC@NLO

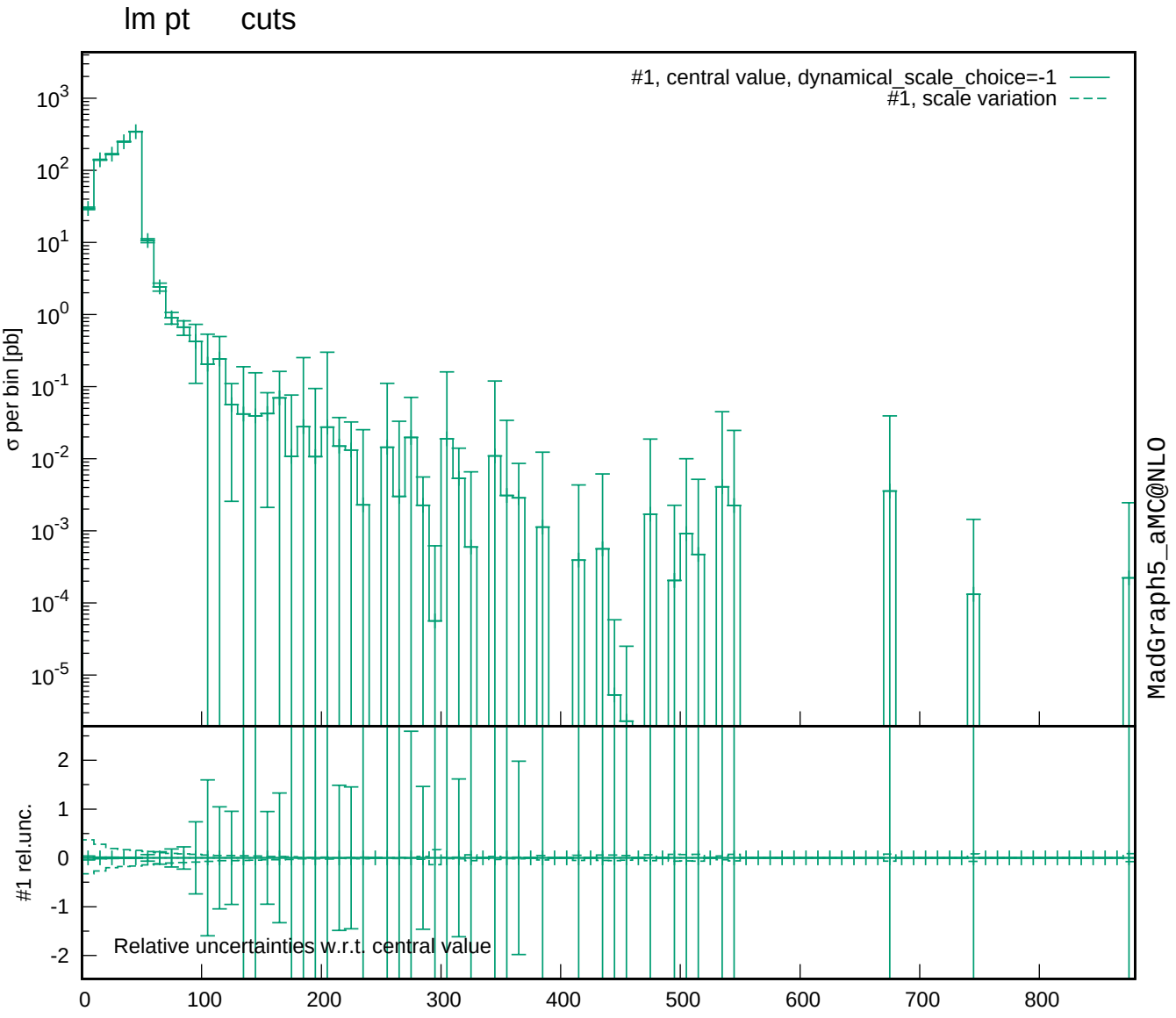

V log[pt] cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
MadGraph5_aMC@NLO

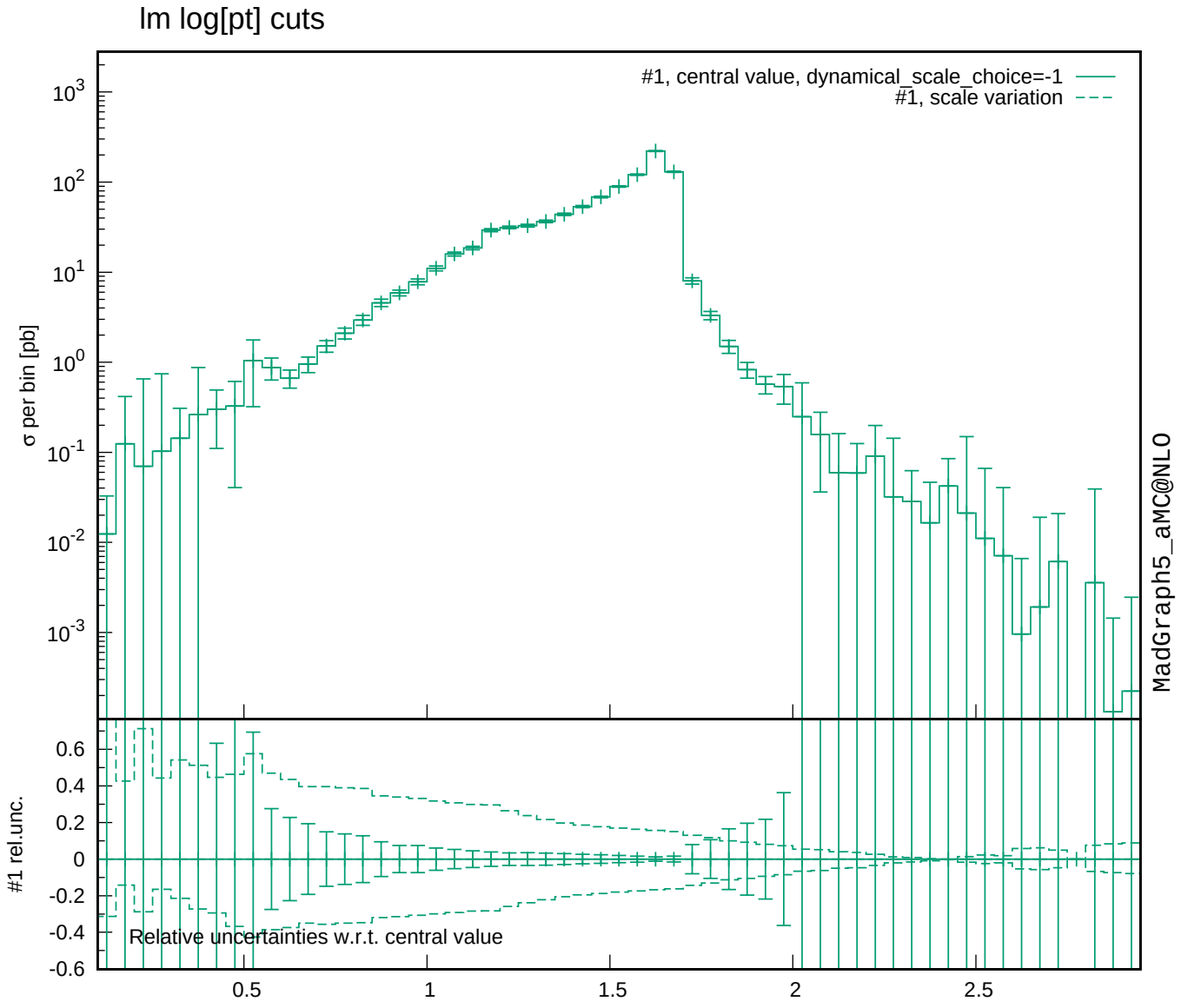

V y cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-8
-6
-4
-2
0
2
4
6
8
MadGraph5_aMC@NLO

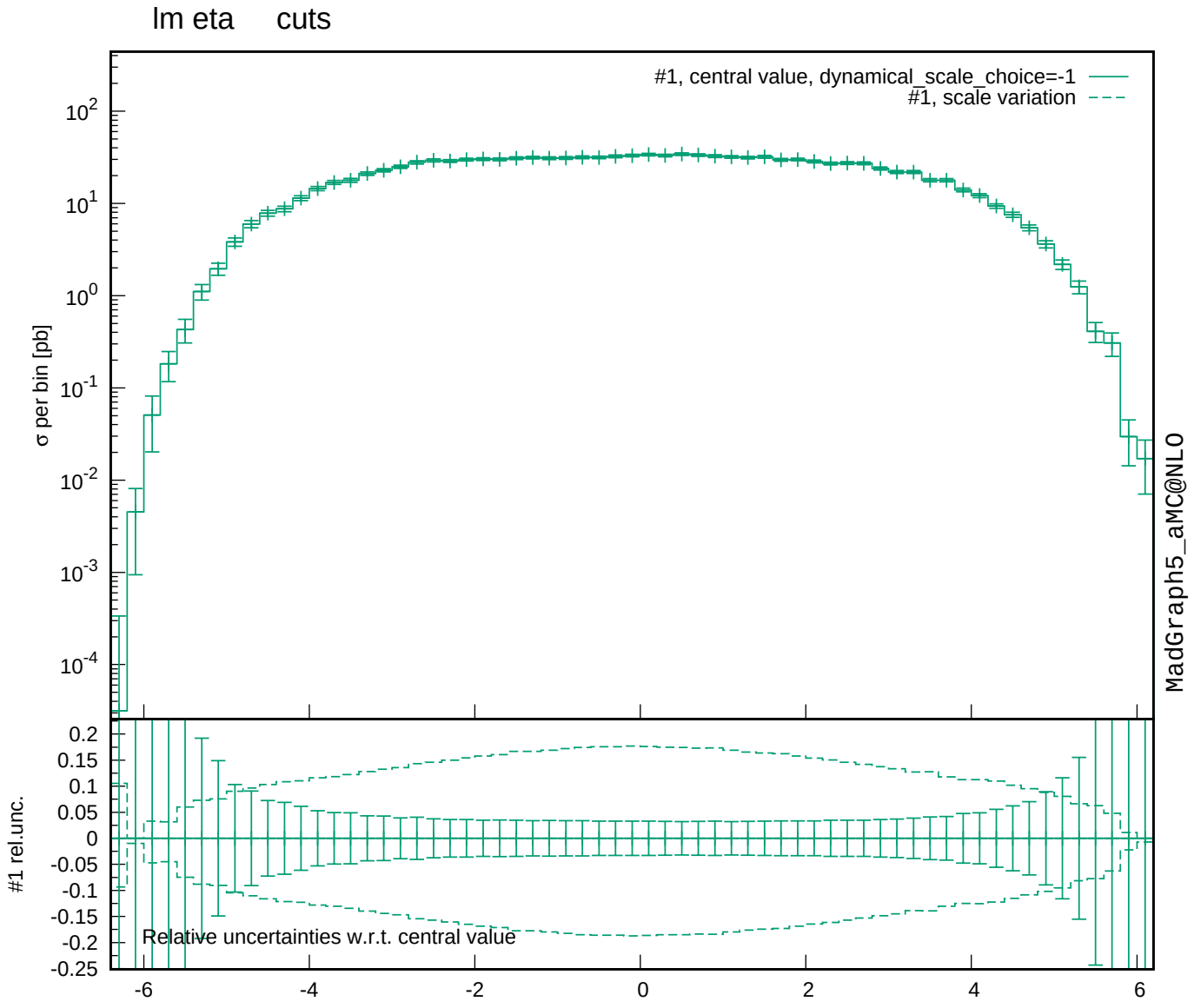

V eta cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-8
-6
-4
-2
0
2
4
6
8
MadGraph5_aMC@NLO

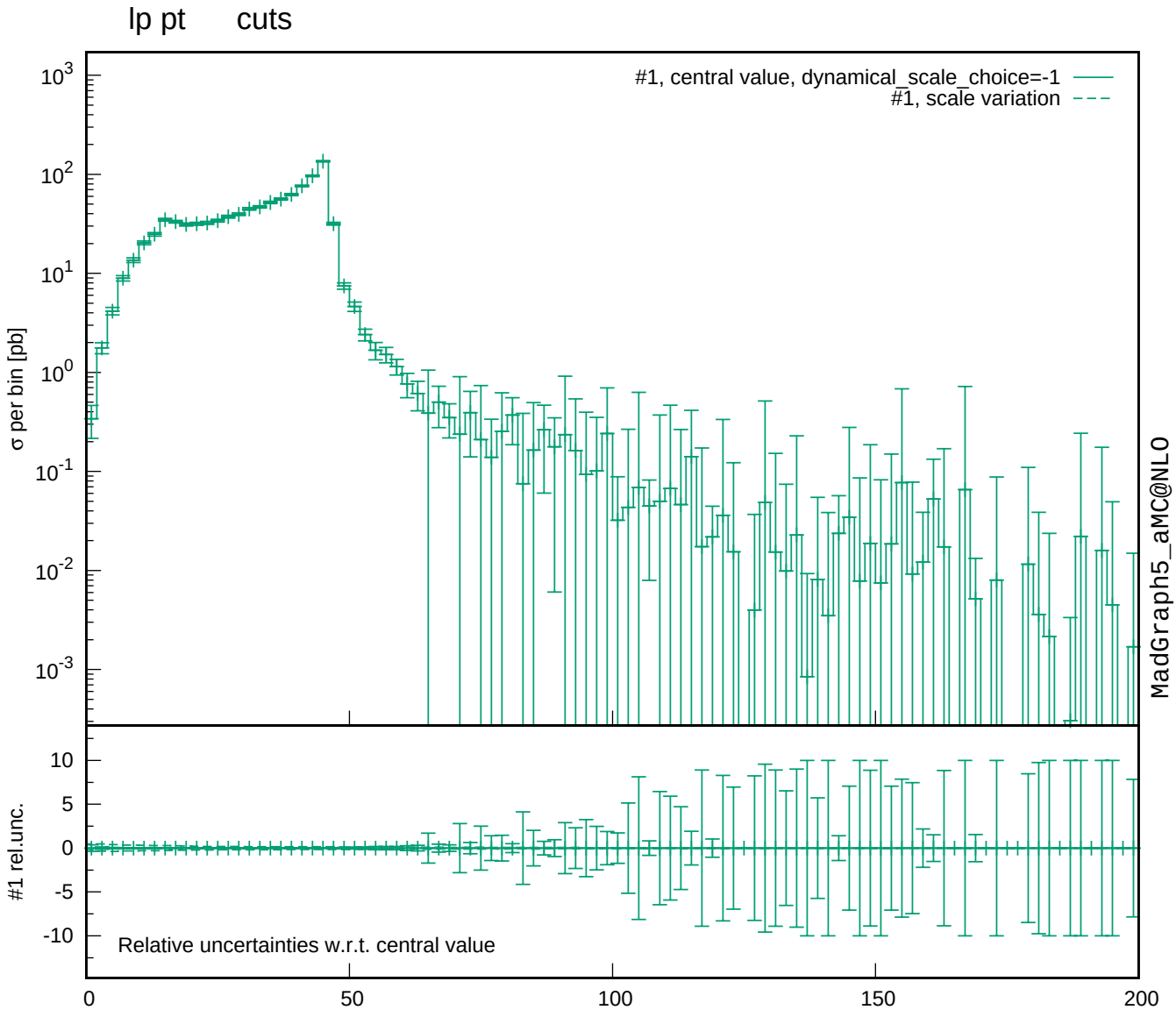

mV cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
50
60
70
80
90
100
110
120
130
MadGraph5_aMC@NLO

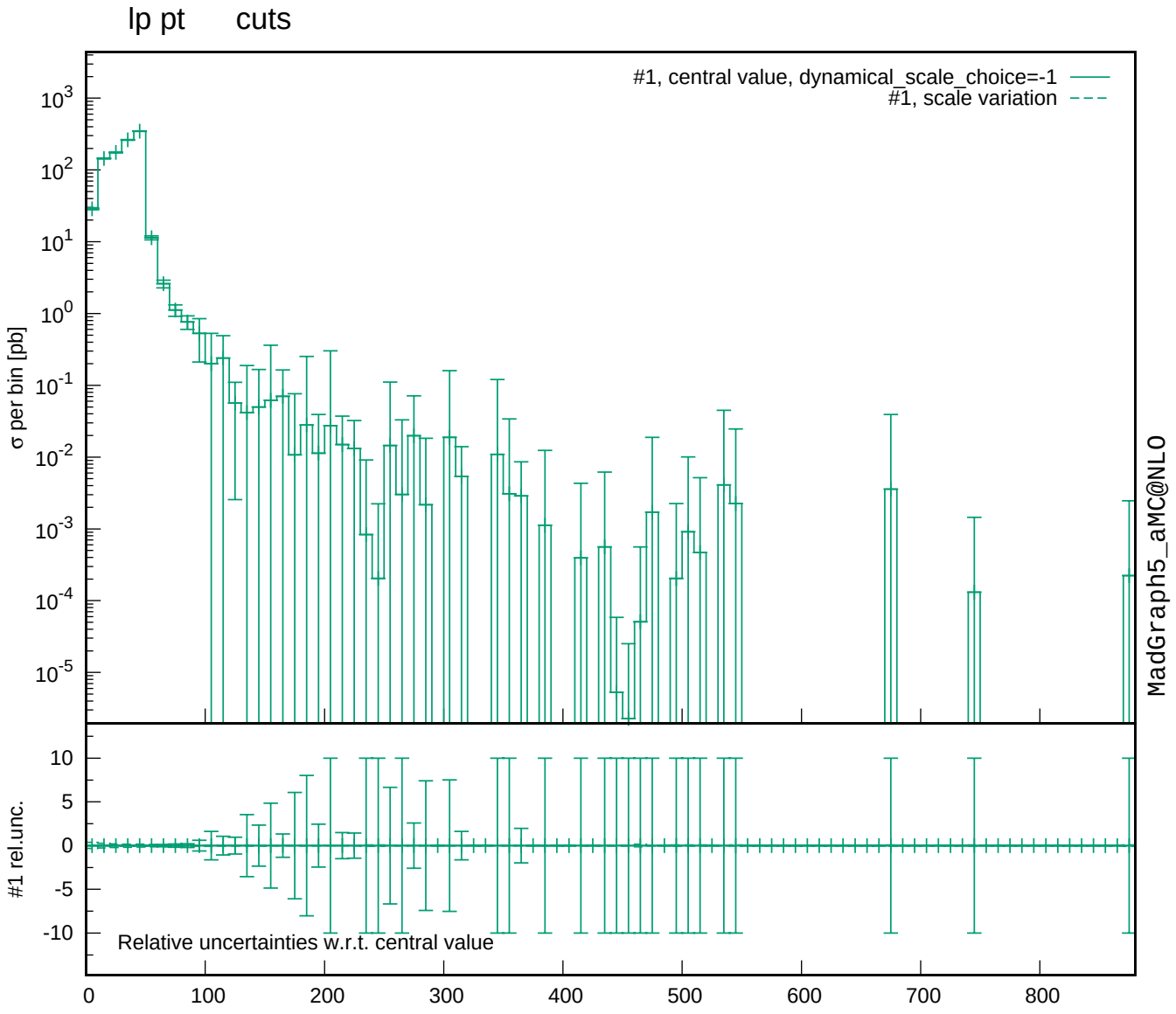

lm pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO
0
50
100
150
200

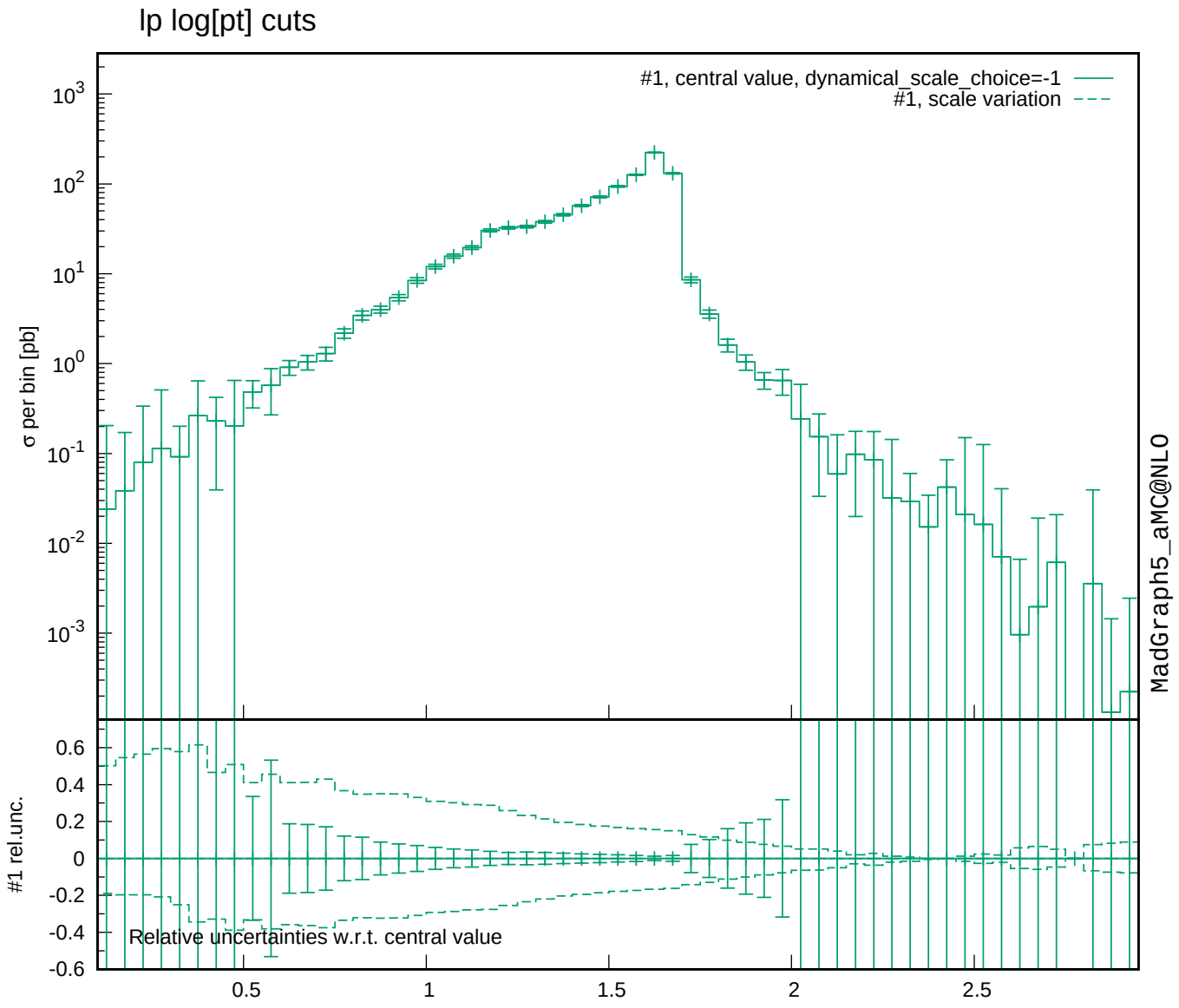

lm pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

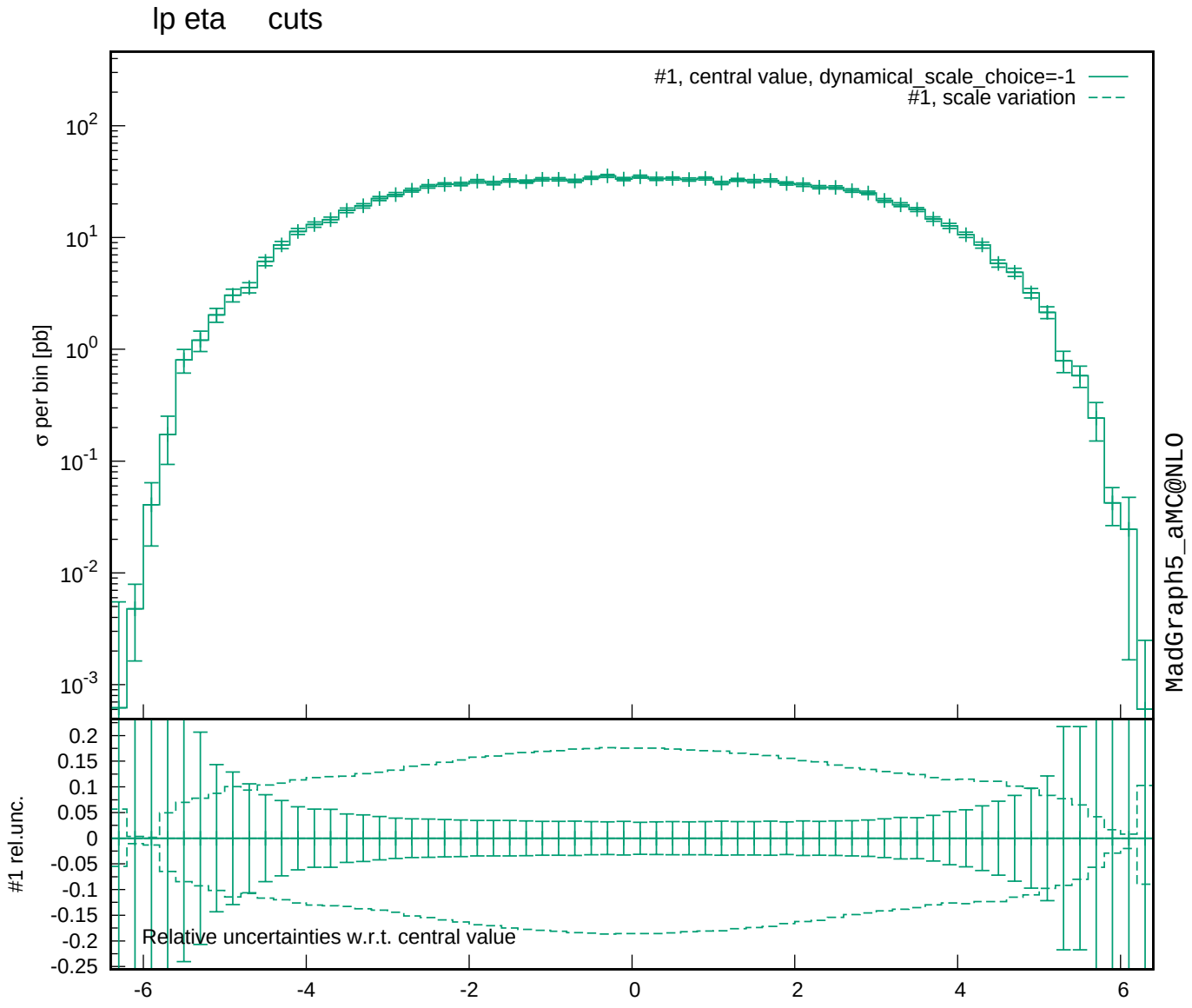

lm log[pt] cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

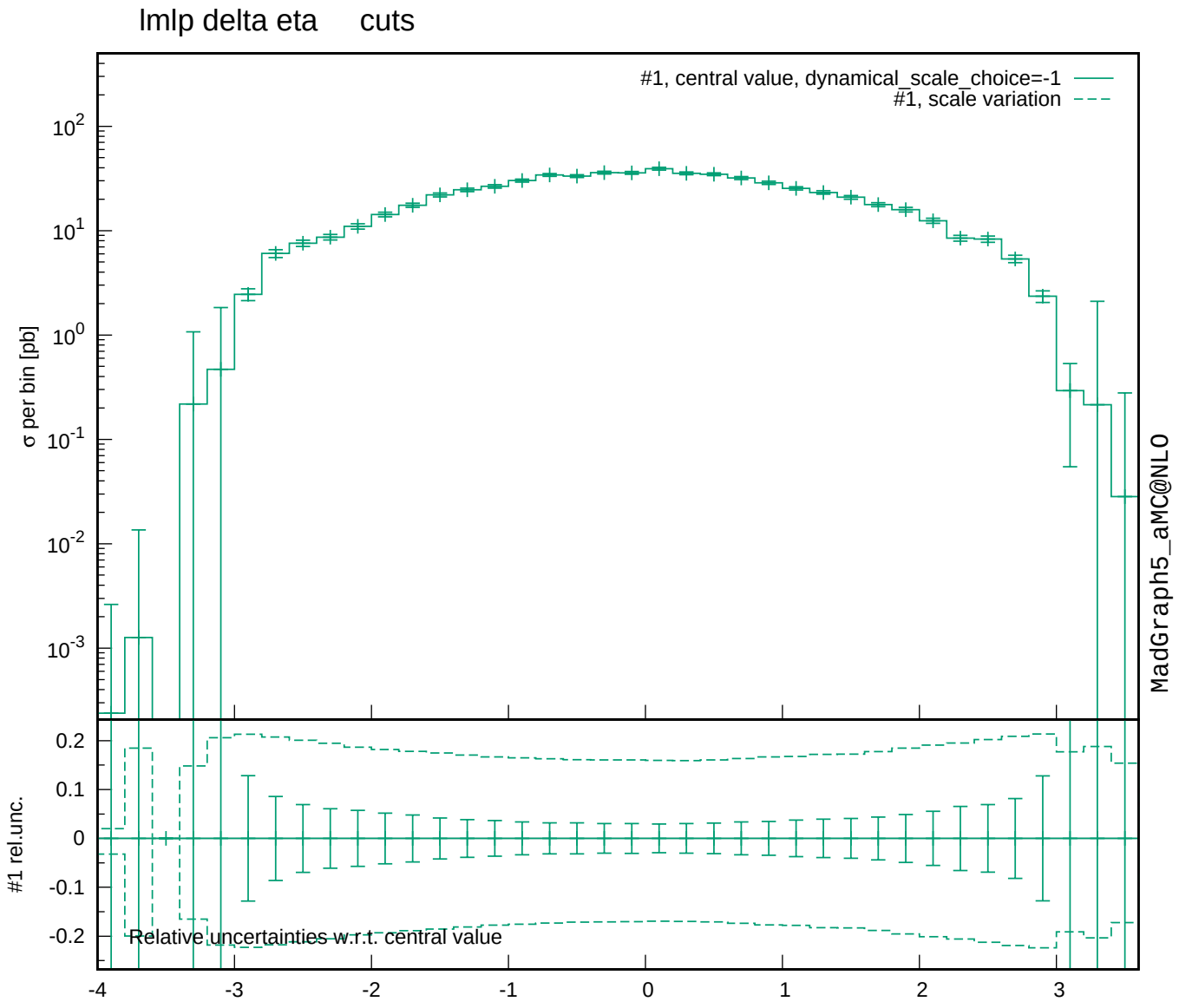

lm eta cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

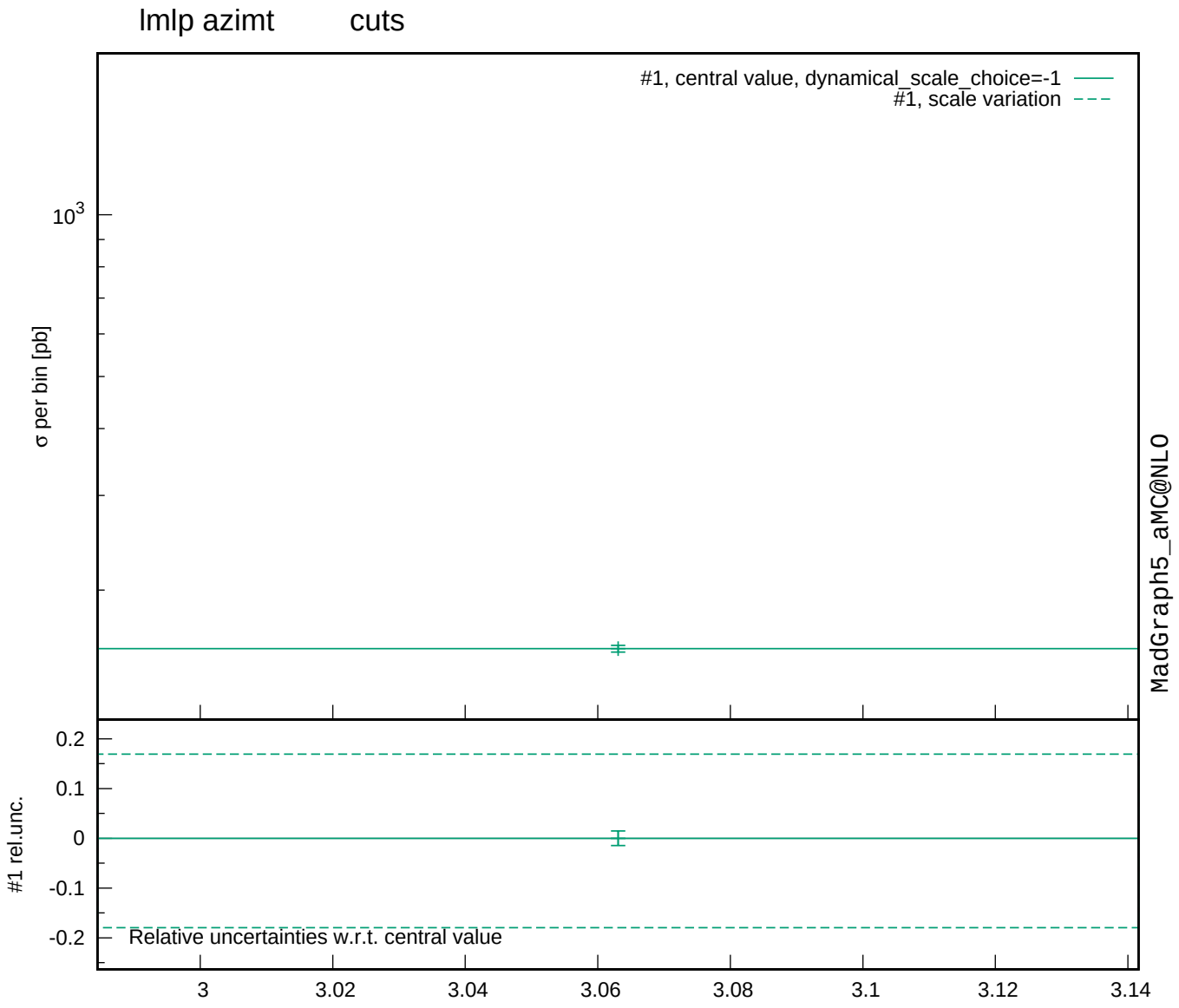

lp pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO
0
50
100
150
200

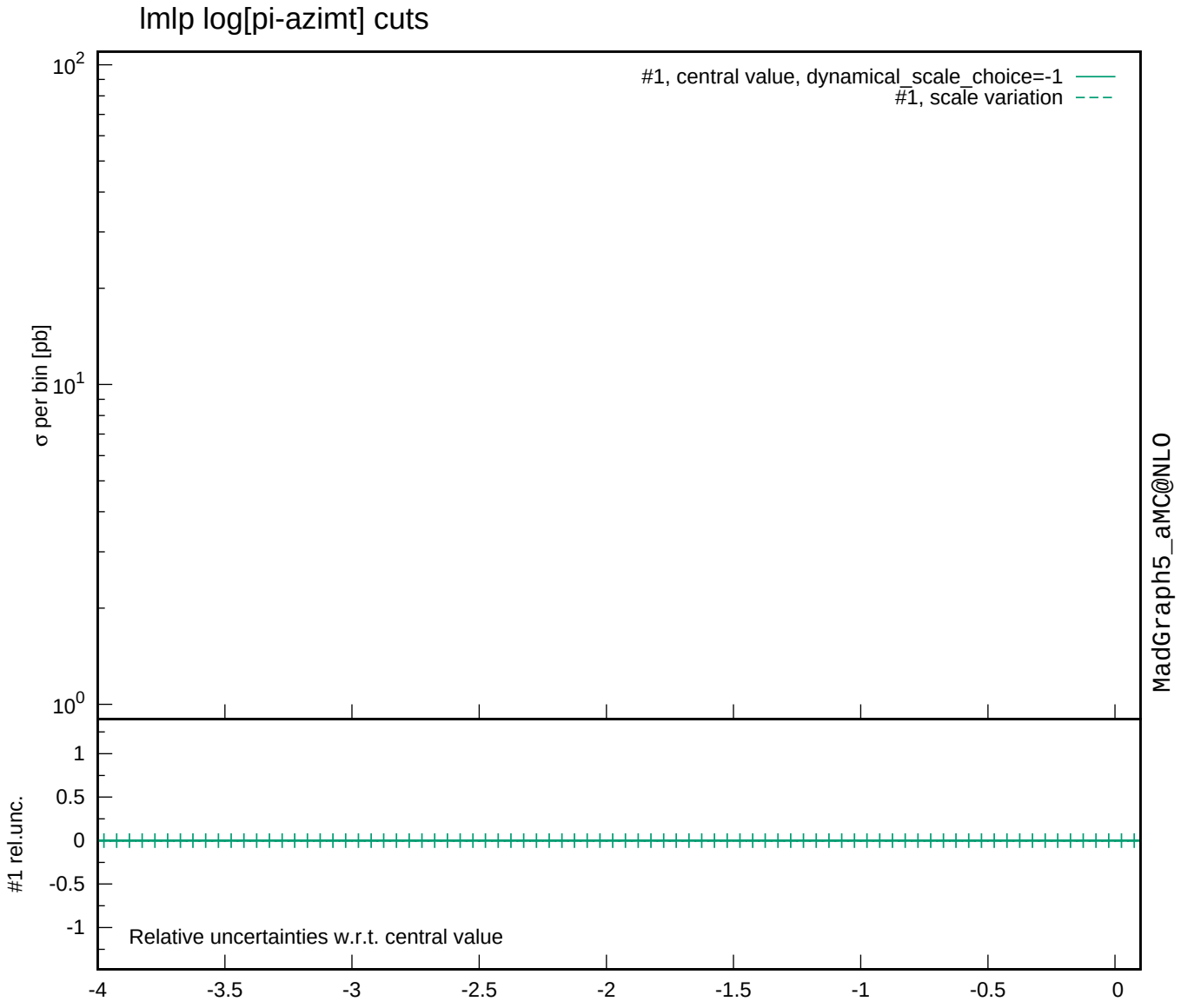

lp pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

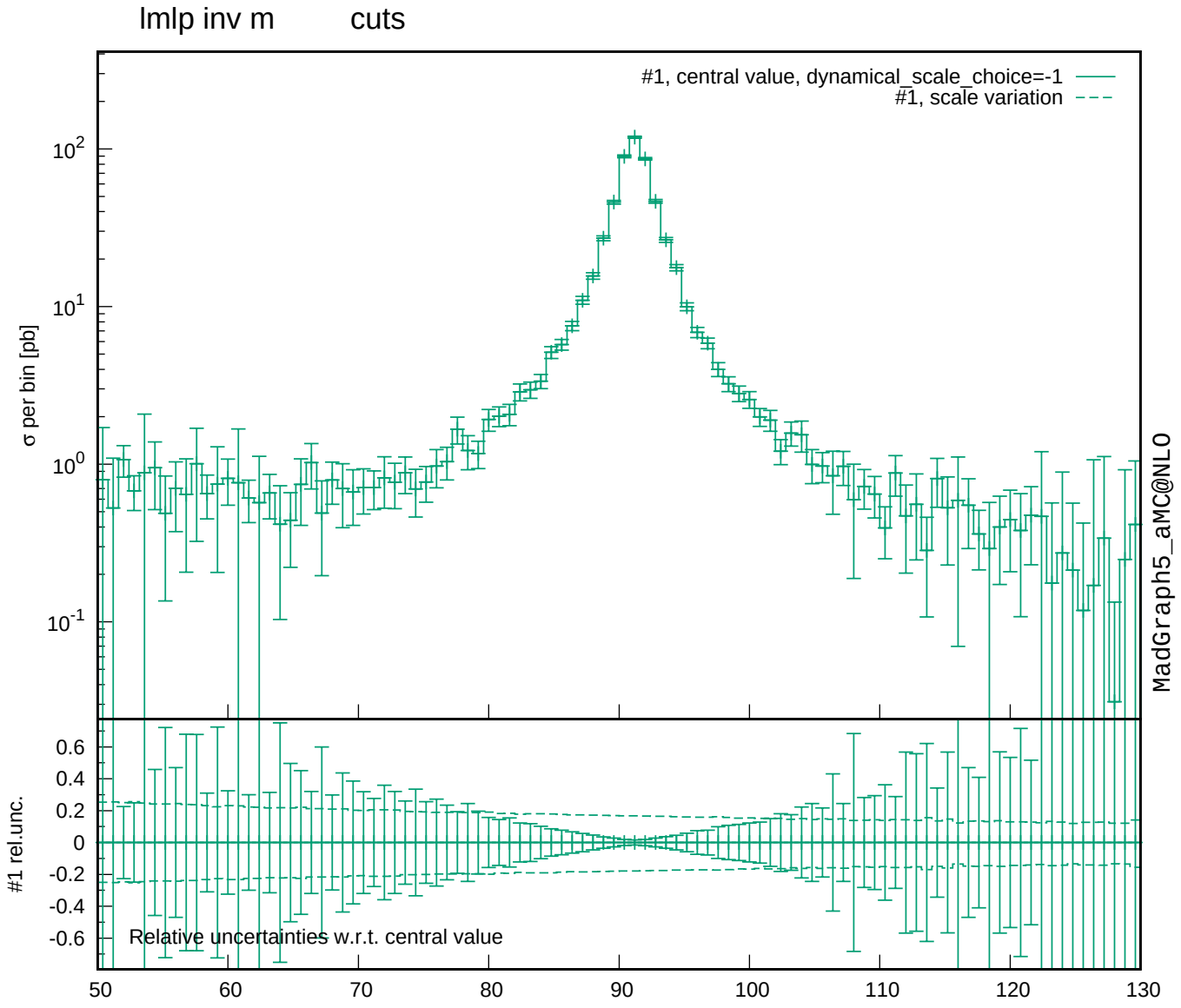

lp log[pt] cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

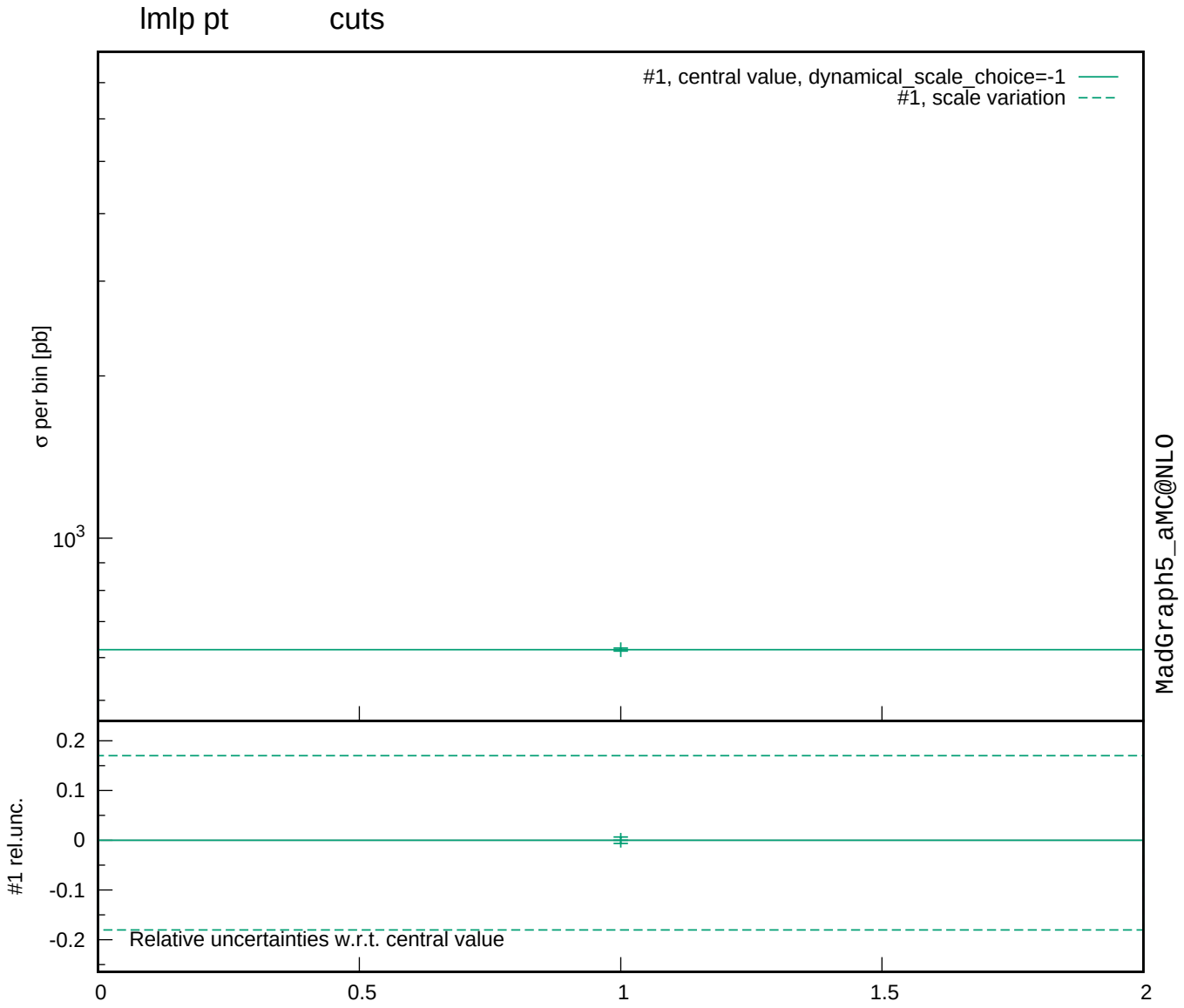

lp eta cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

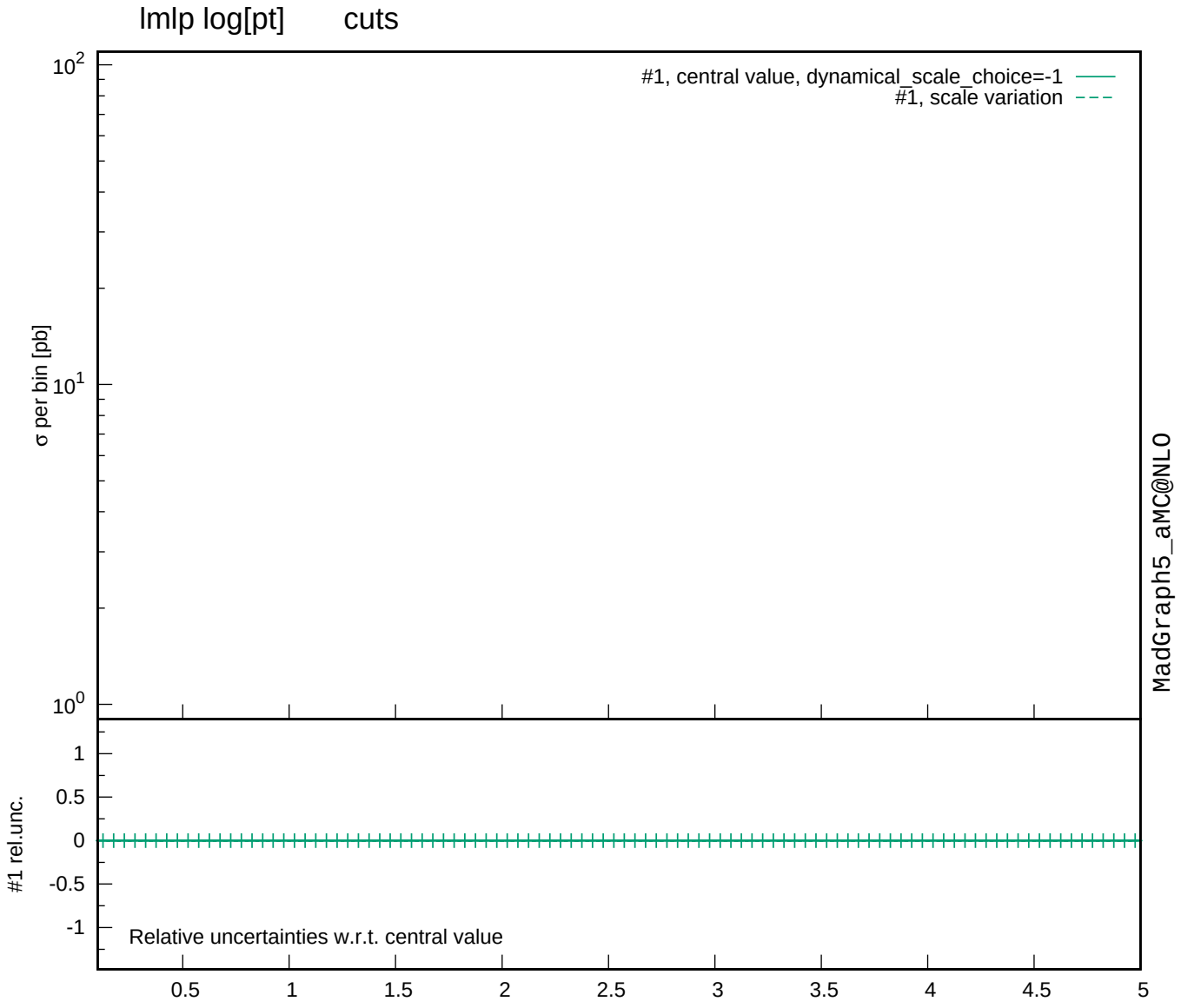

lmlp delta eta cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO

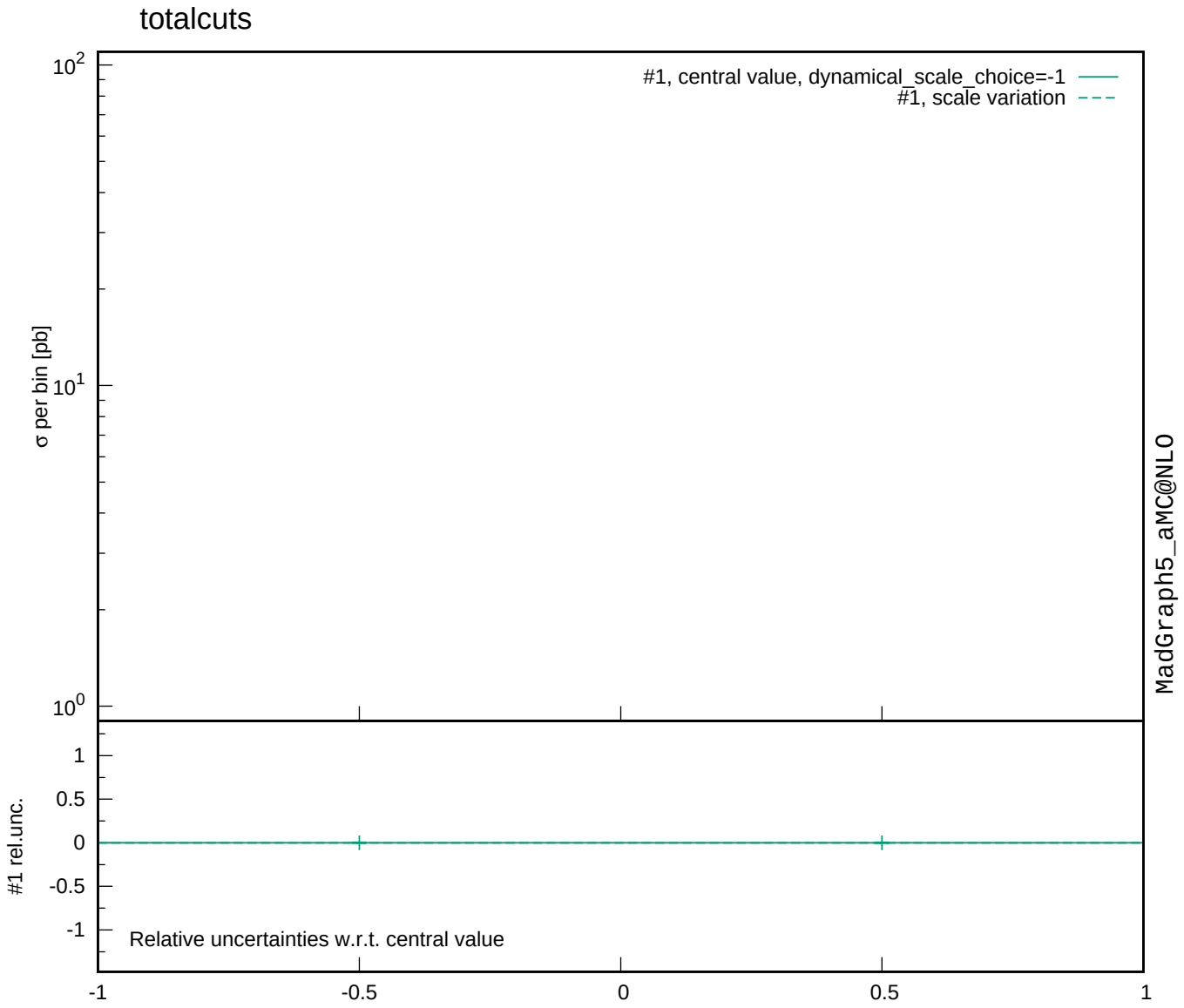

lmlp azimt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
10^3
σ per bin [pb]
MadGraph5_aMC@NLO
0.2
0.1
0
-0.1
-0.2
#1 rel.unc.
Relative uncertainties w.r.t. central value
3
3.02
3.04
3.06
3.08
3.1
3.12
3.14


lmlp log[pi-azimt] cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-4
-3.5
-3
-2.5
-2
-1.5
-1
-0.5
0
MadGraph5_aMC@NLO


lmlp inv m cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
#1 rel.unc.
Relative uncertainties w.r.t. central value
MadGraph5_aMC@NLO


lmlp pt cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^3
#1 rel.unc.
0.2
0.1
0
-0.1
-0.2
Relative uncertainties w.r.t. central value
0
0.5
1
1.5
2
MadGraph5_aMC@NLO


lmlp log[pt] cuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
MadGraph5_aMC@NLO


totalcuts
#1, central value, dynamical_scale_choice=-1
#1, scale variation
σ per bin [pb]
10^2
10^1
10^0
#1 rel.unc.
1
0.5
0
-0.5
-1
Relative uncertainties w.r.t. central value
-1
-0.5
0
0.5
1
MadGraph5_aMC@NLO