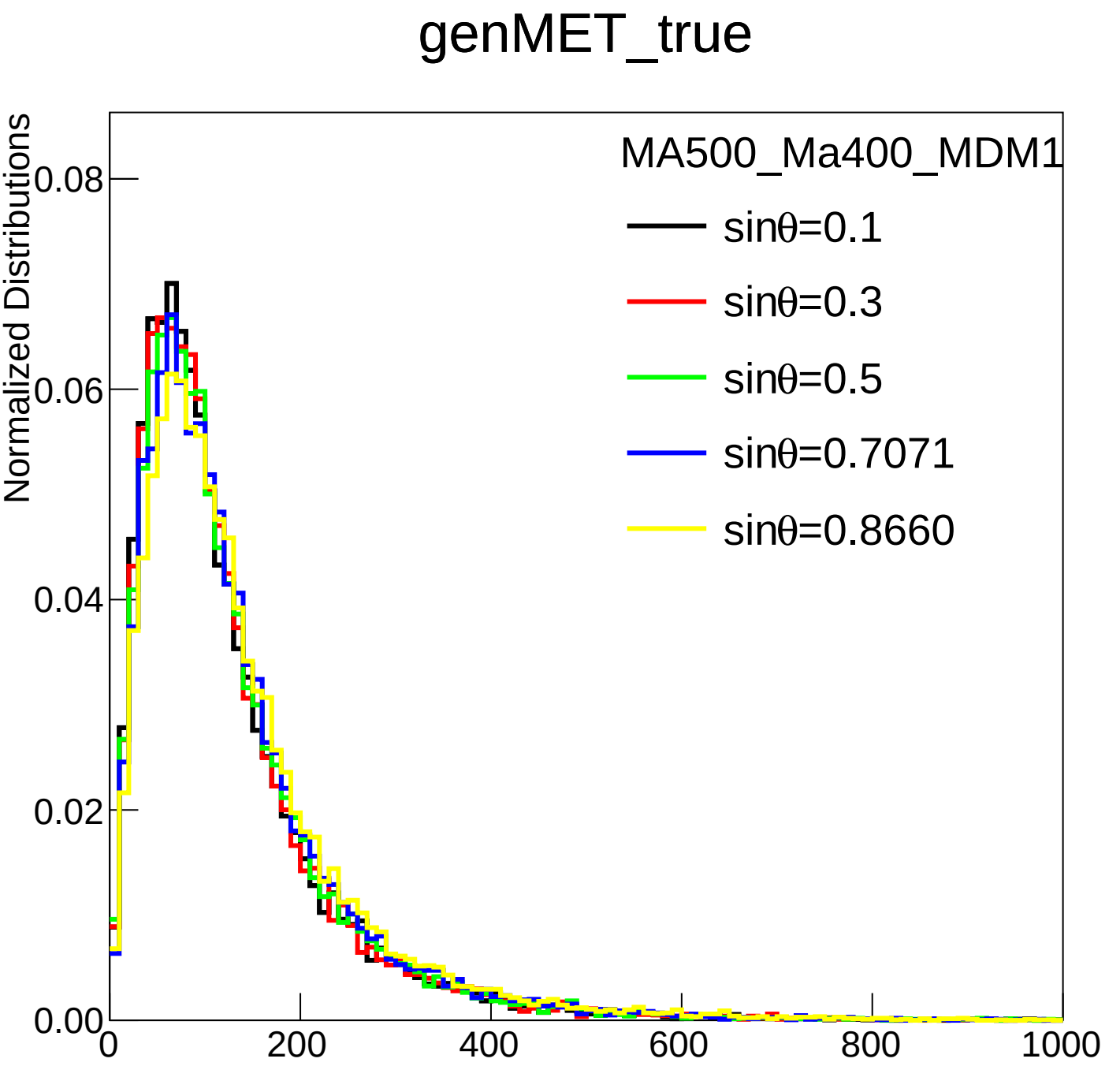
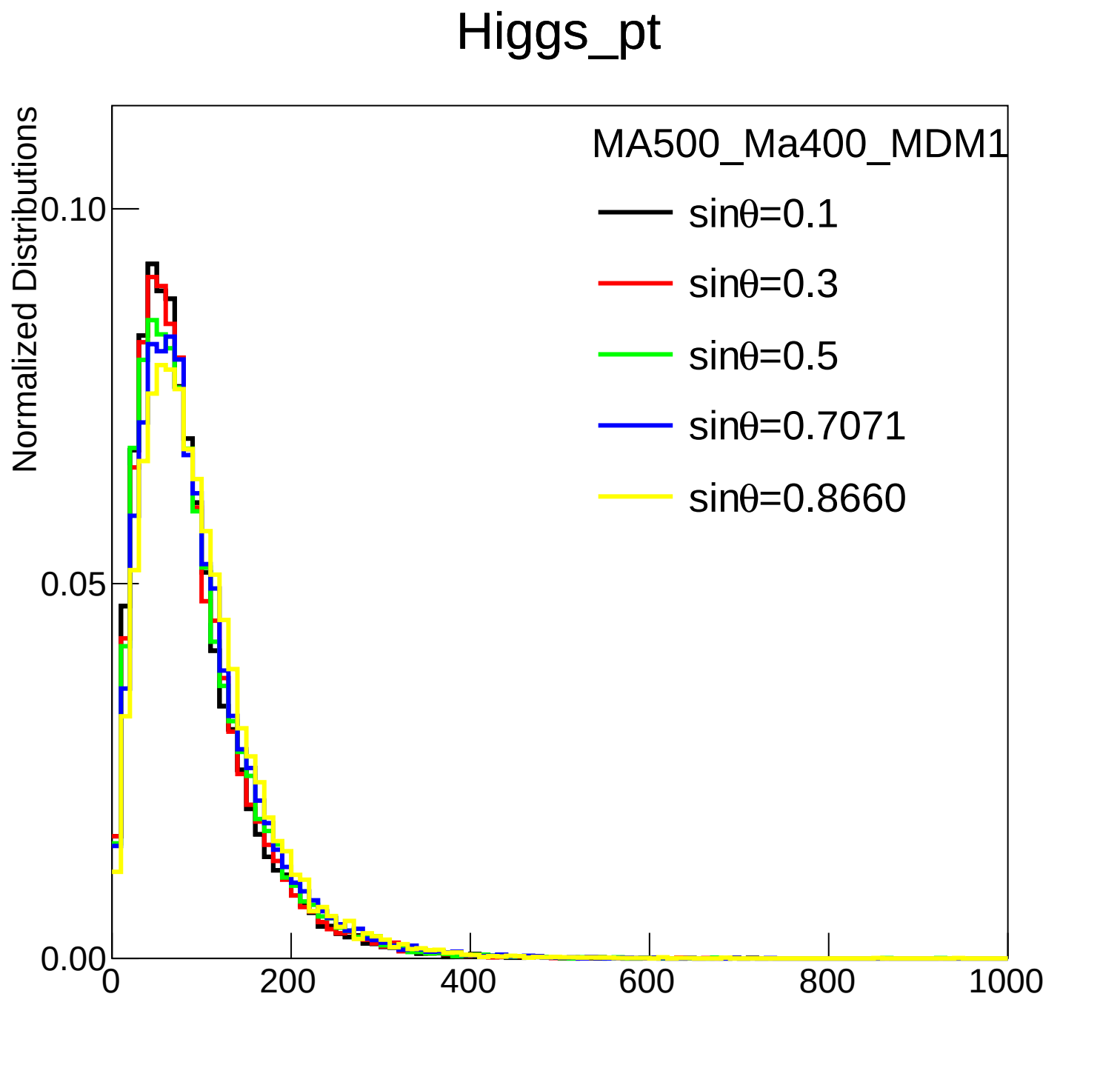
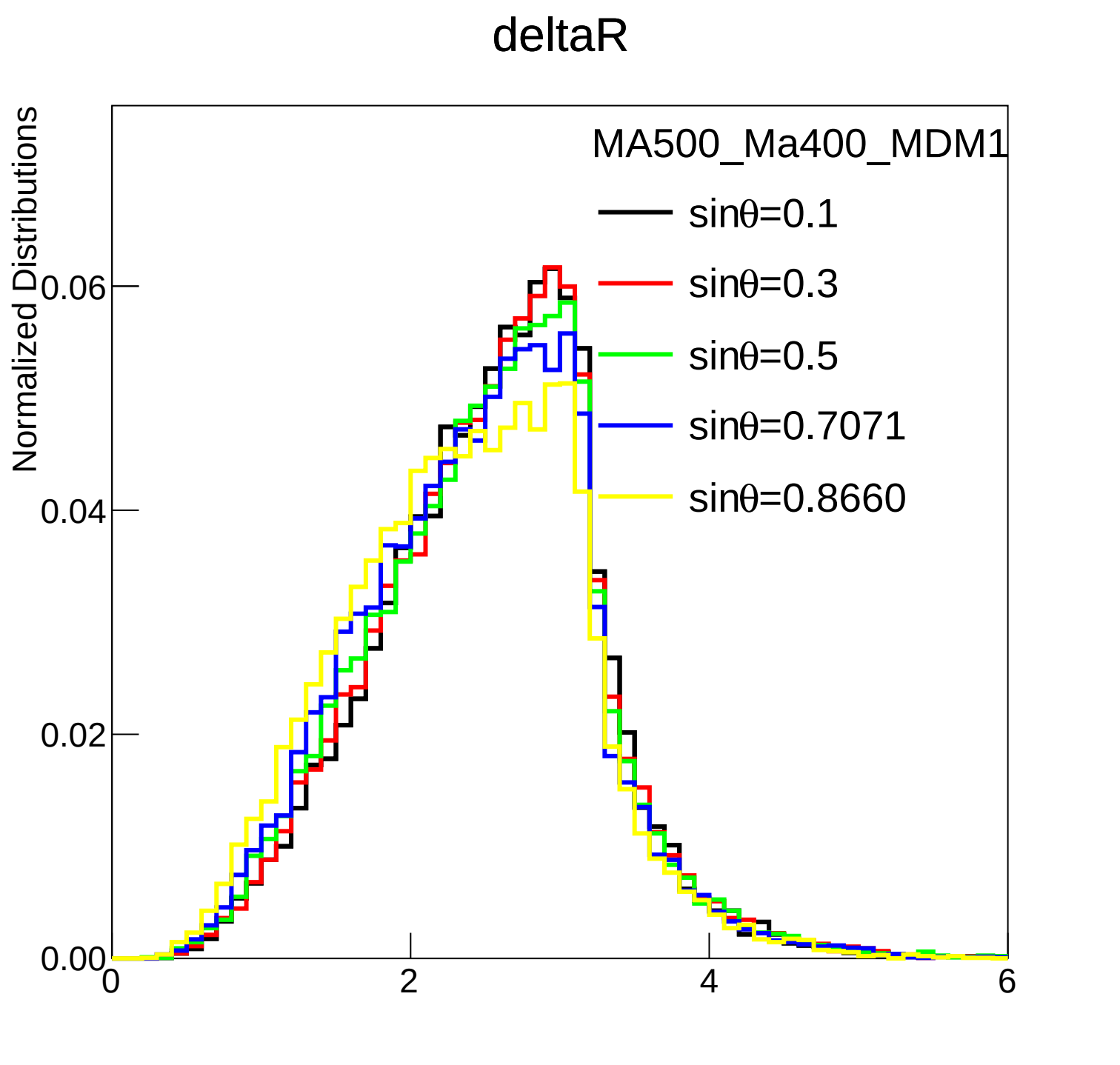
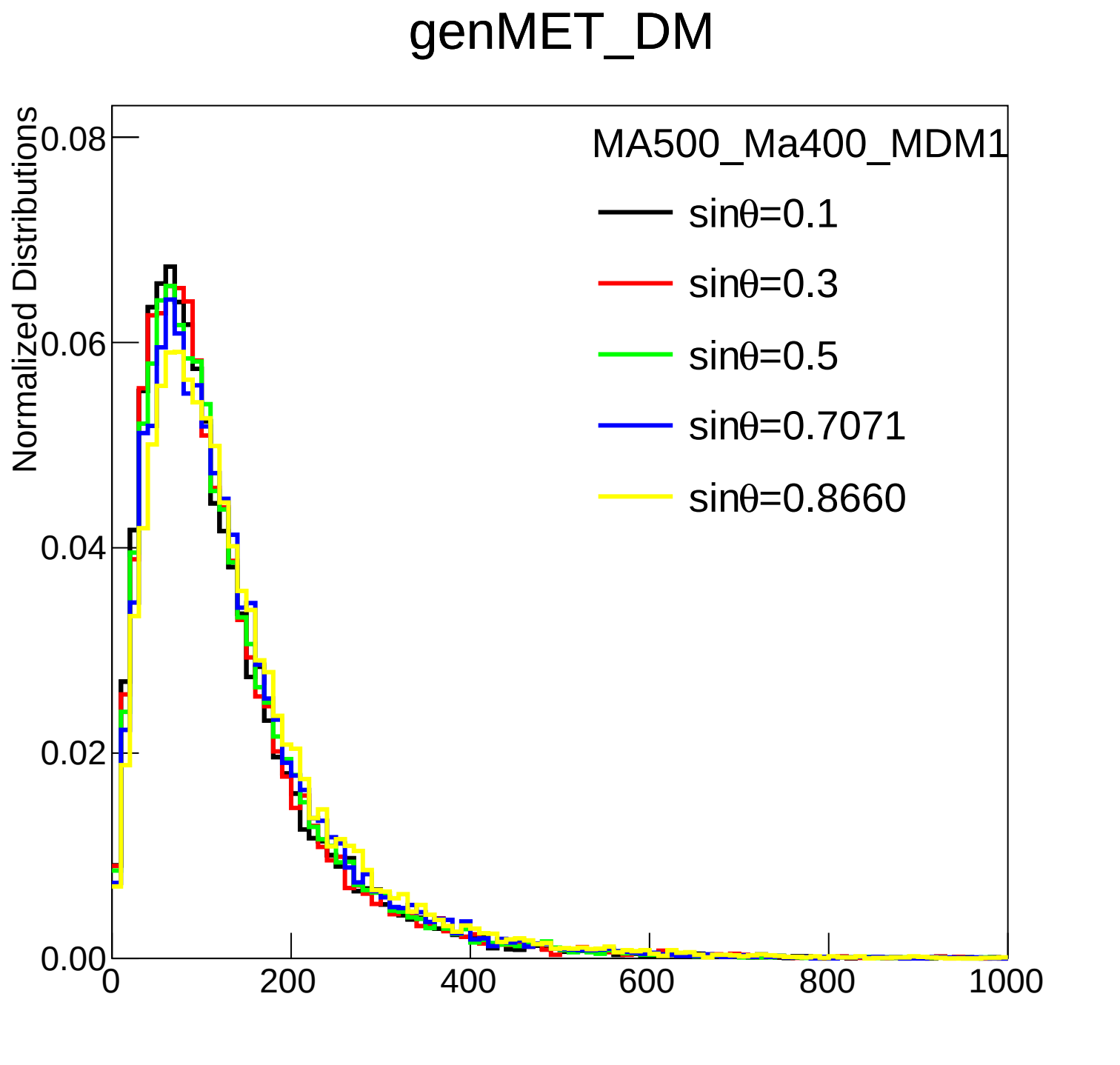

genMET_true
Normalized Distributions
0.08
0.06
0.04
0.02
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


Higgs_pt
Normalized Distributions
0.10
0.05
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


deltaR
Normalized Distributions
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660
0.00
0.02
0.04
0.06
0
2
4
6


genMET_DM
Normalized Distributions
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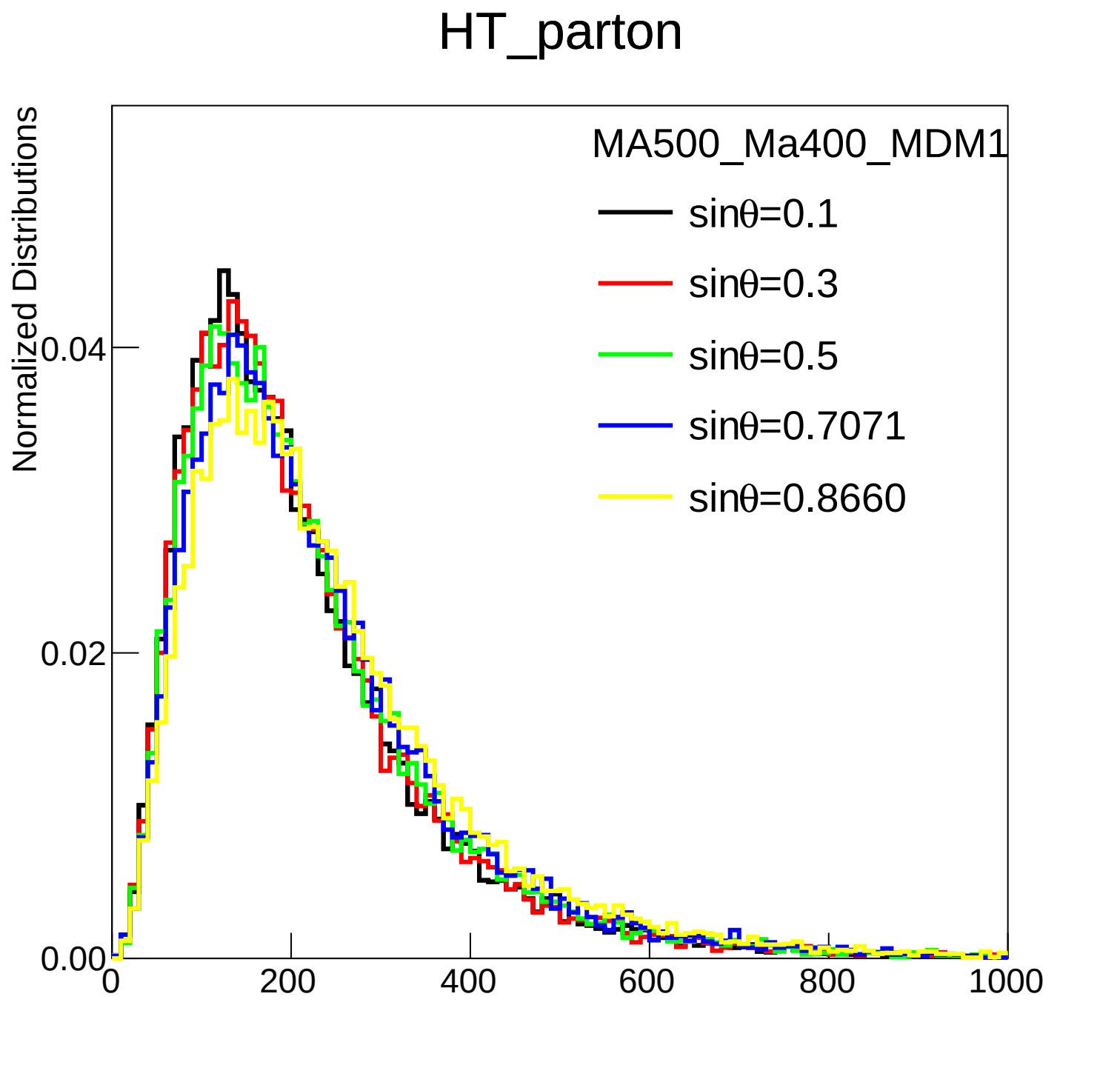
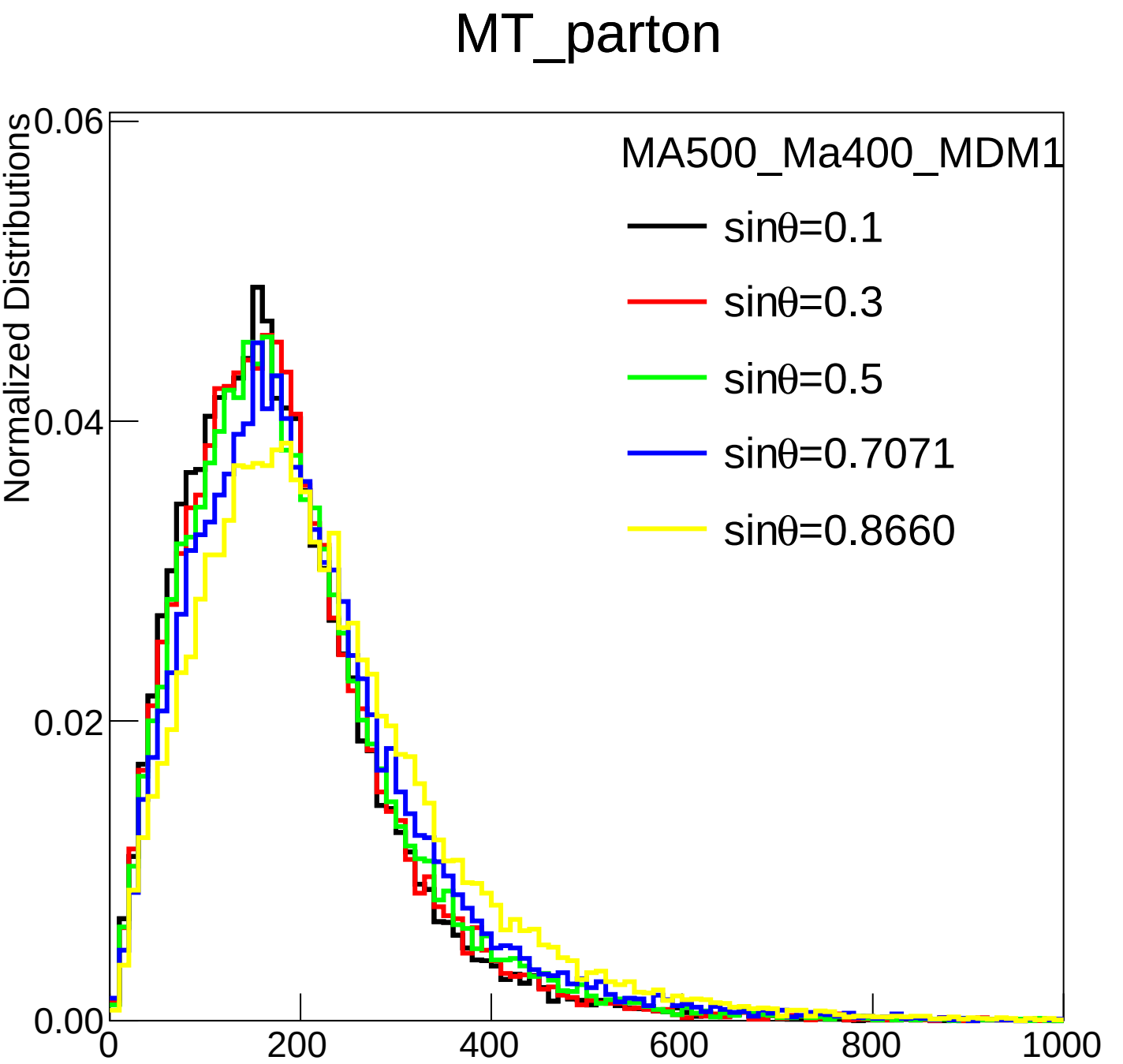
0.06
0.04
0.02
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


HT_parton
Normalized Distributions
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660
0.04
0.02
0.00
0
200
400
600
800
1000


MT_parton
Normalized Distributions
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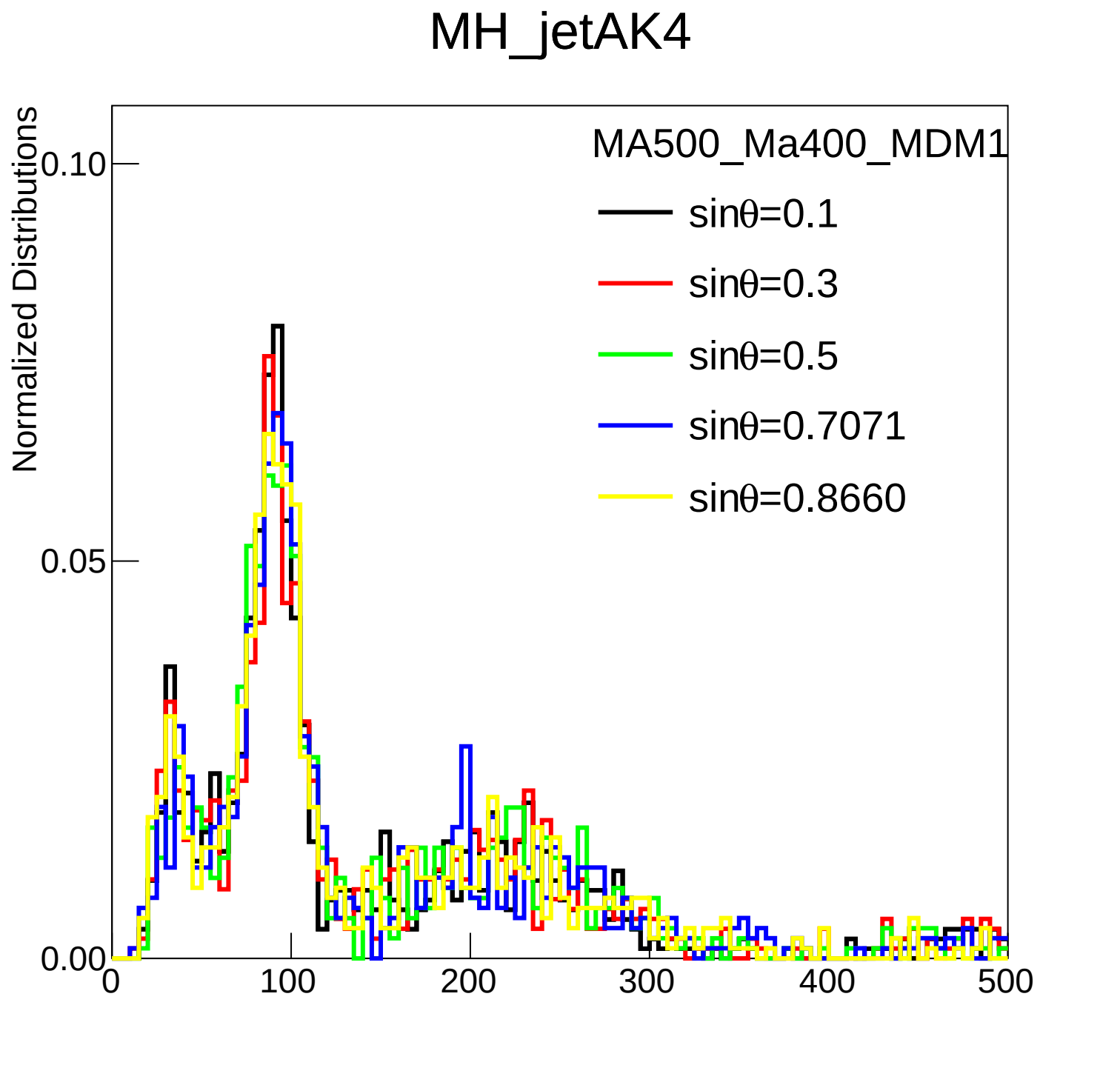
0.04
0.02
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


MH_jetAK4
Normalized Distributions
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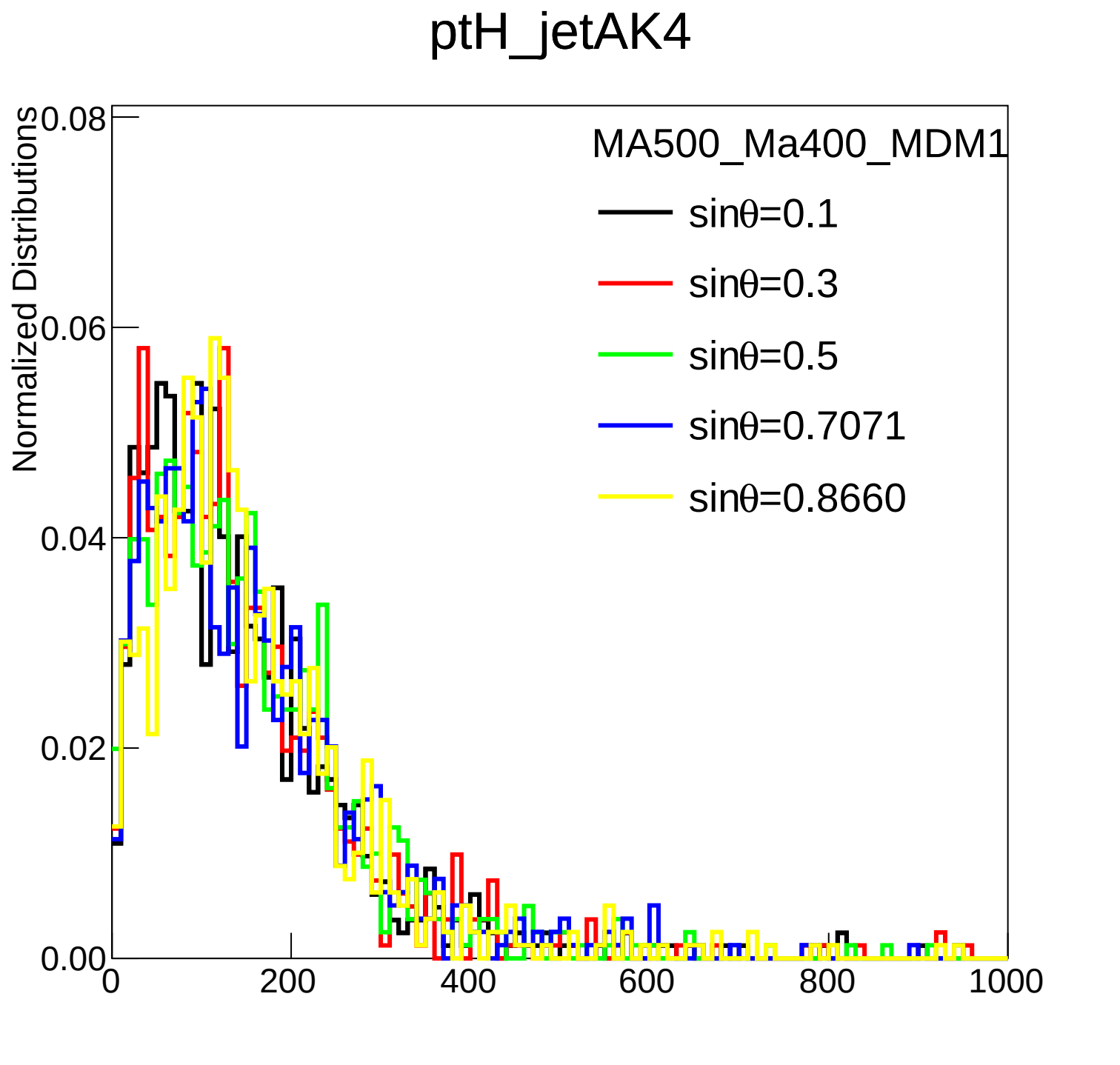
0.00
0
100
200
300
400
500
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


ptH_jetAK4
Normalized Distributions
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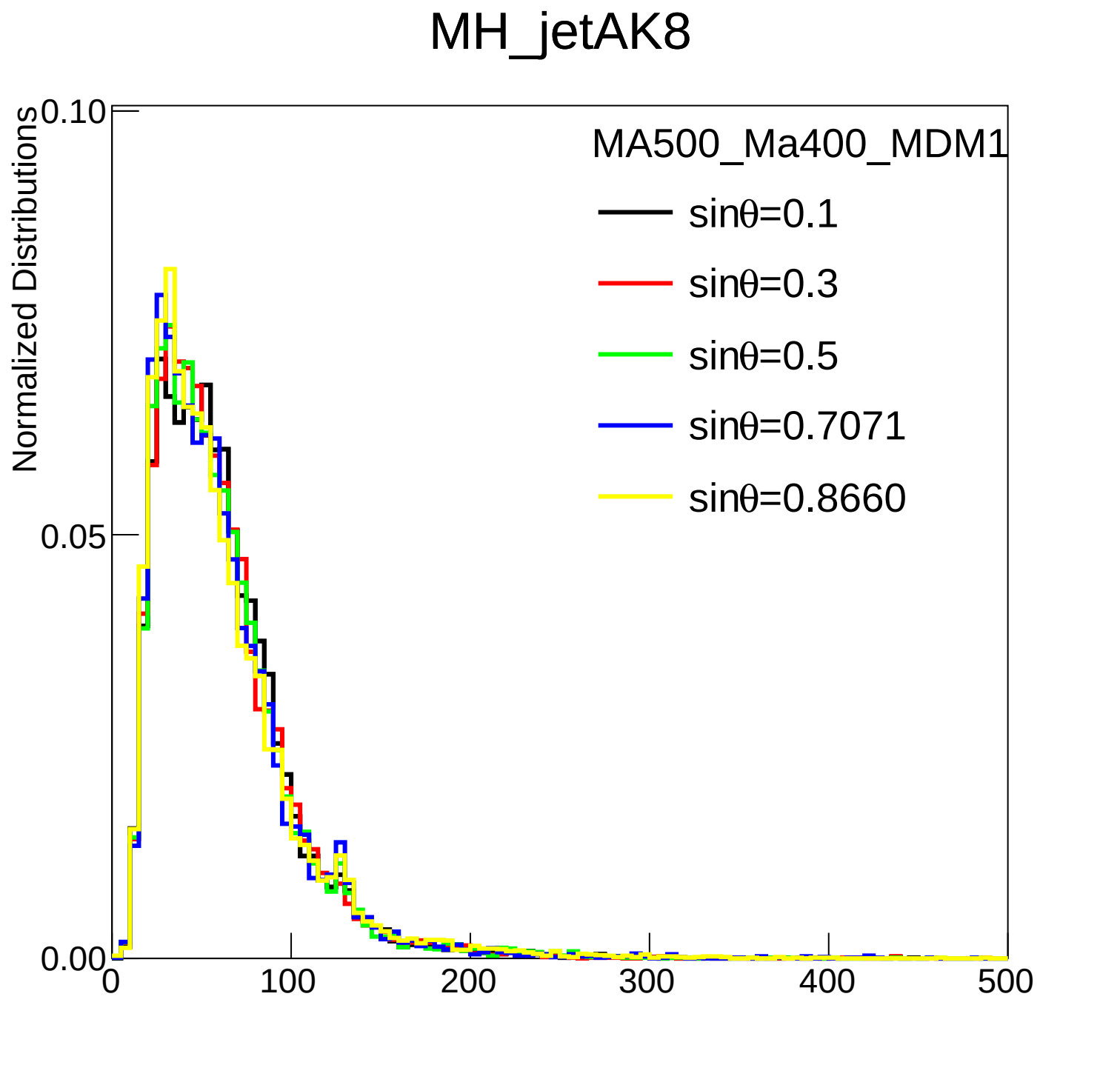
0.06
0.04
0.02
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


MH_jetAK8
Normalized Distributions
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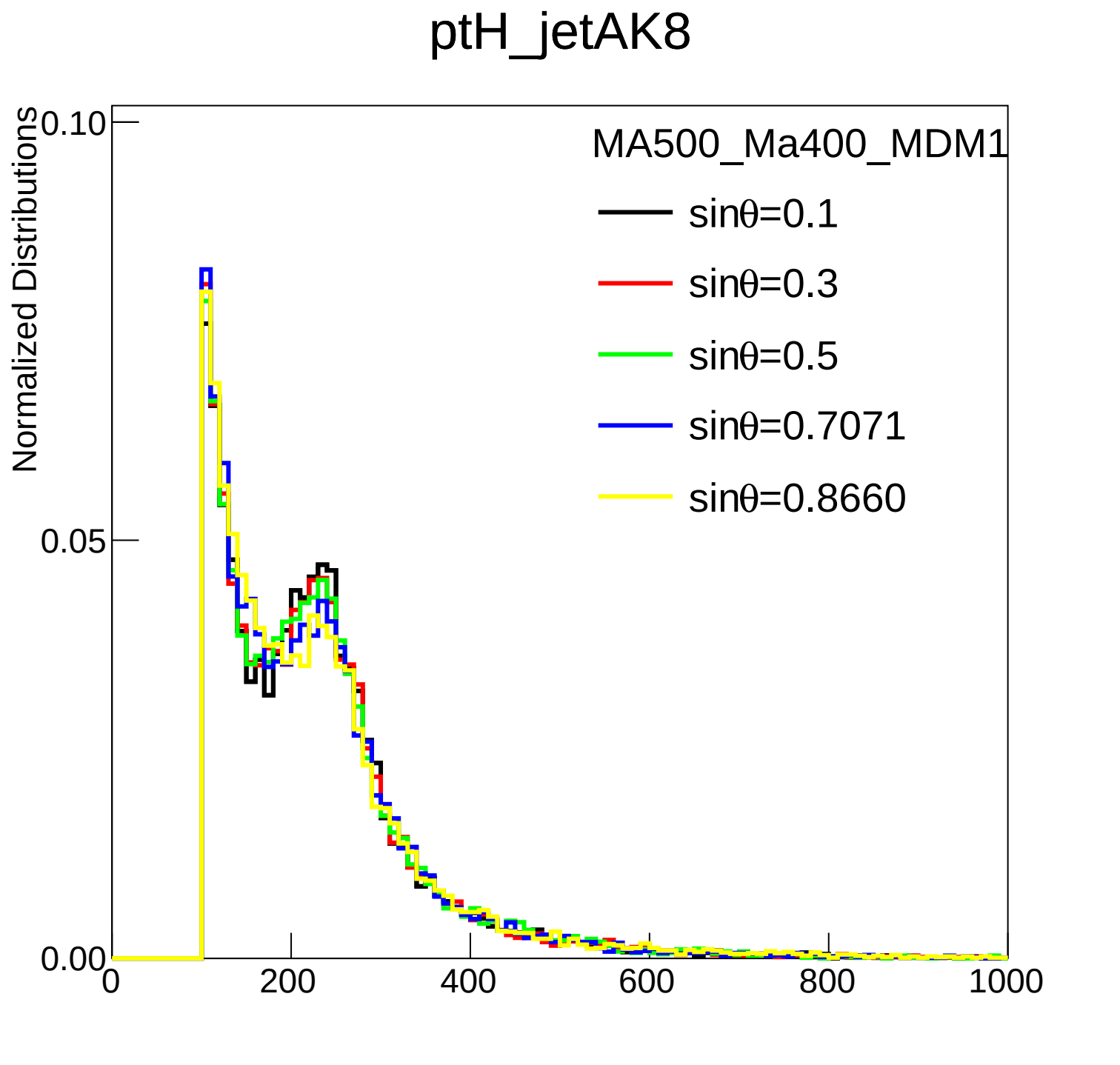
0.05
0.00
0
100
200
300
400
500
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


ptH_jetAK8
Normalized Distributions
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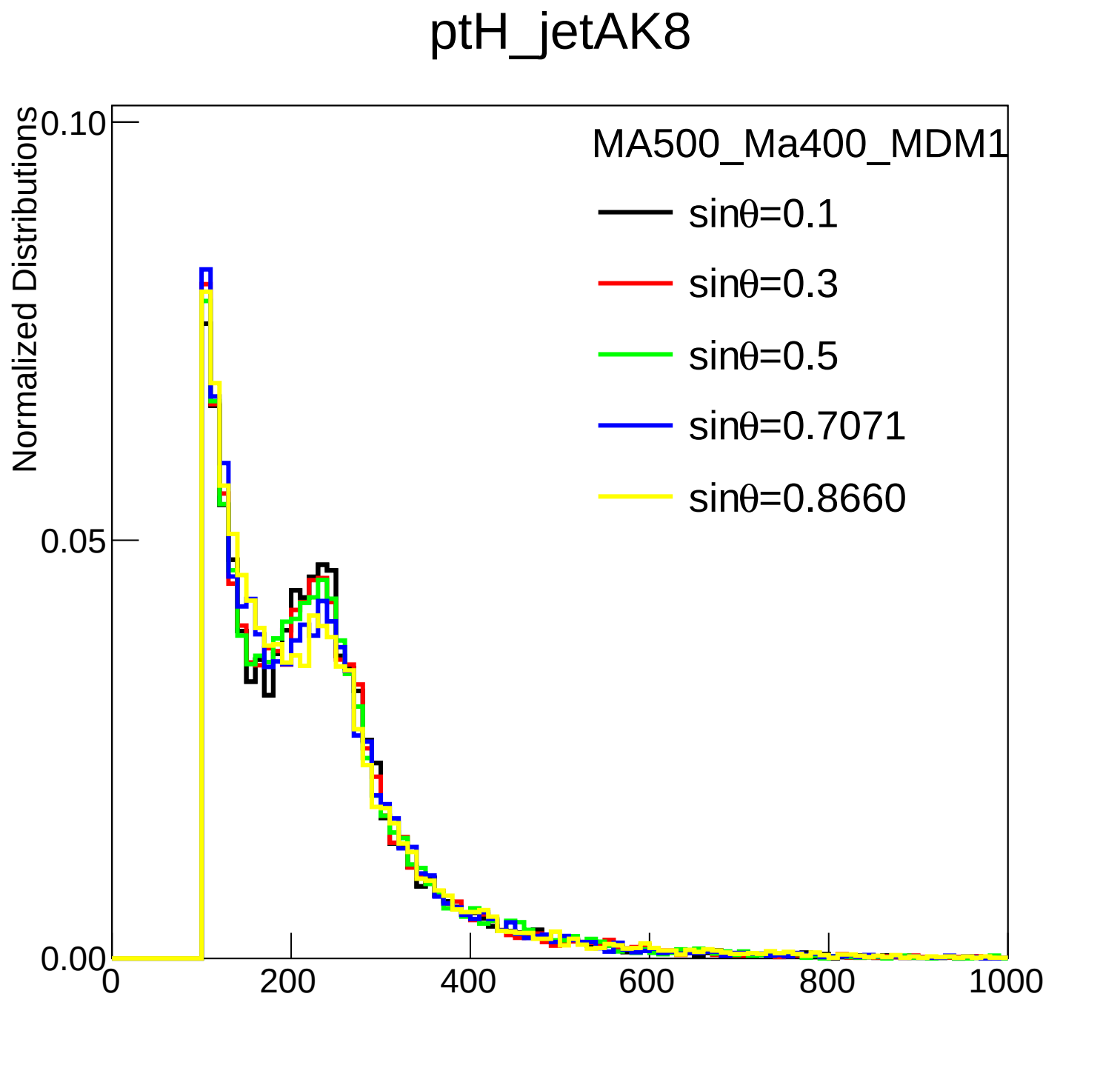
0.05
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660


ptH_jetAK8
Normalized Distributions
0.10
0.05
0.00
0
200
400
600
800
1000
MA500_Ma400_MDM1
sinθ=0.1
sinθ=0.3
sinθ=0.5
sinθ=0.7071
sinθ=0.8660