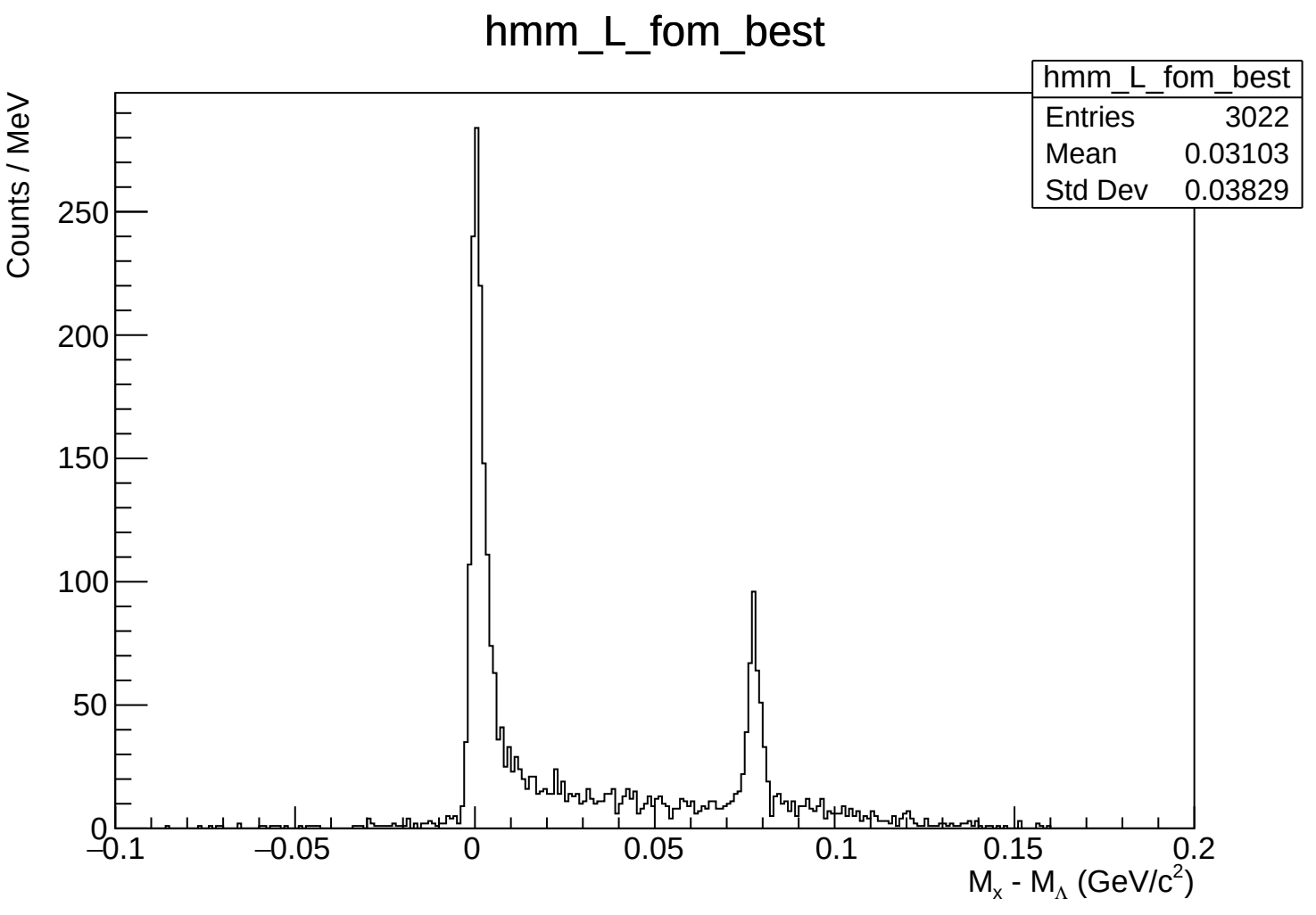
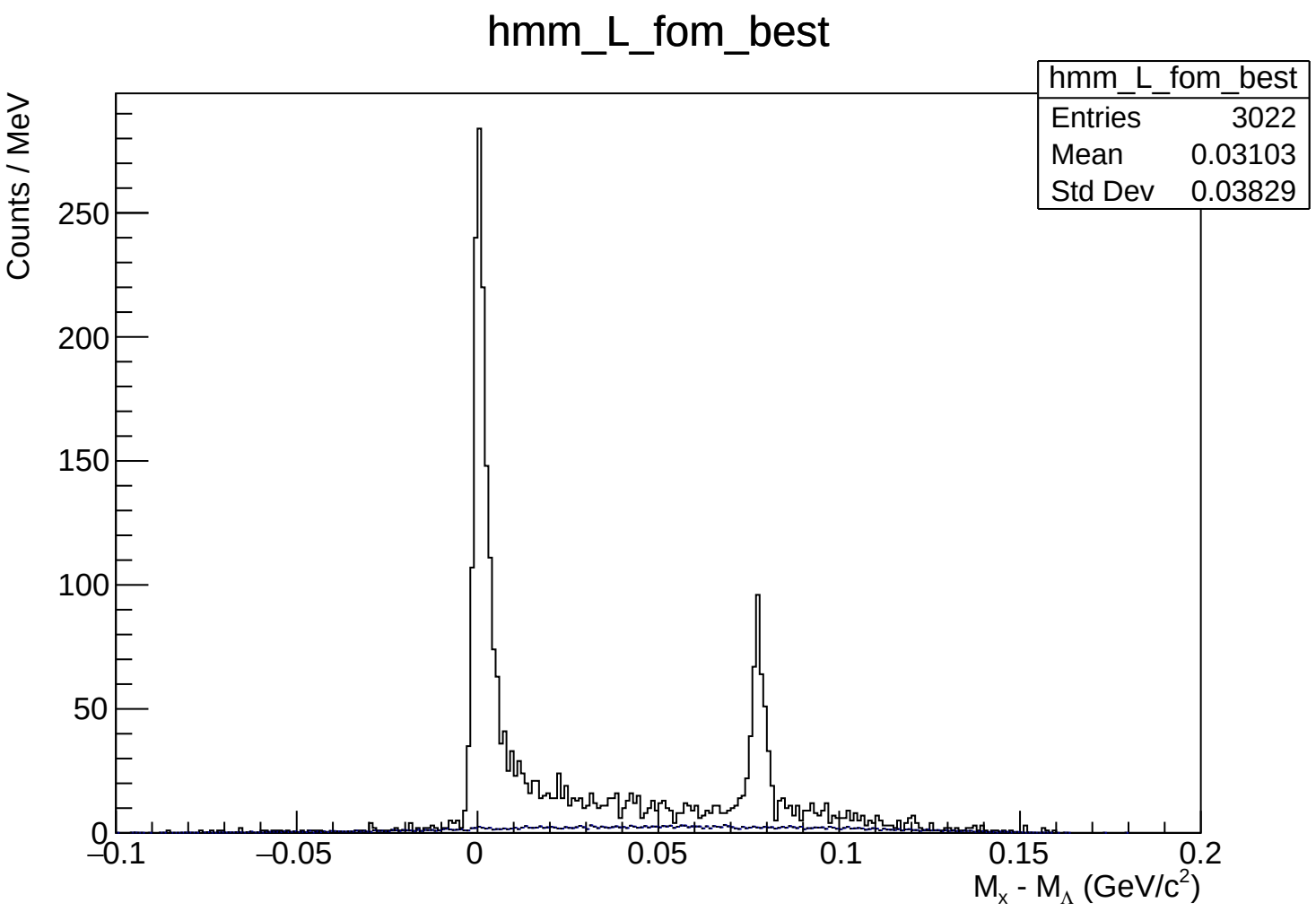
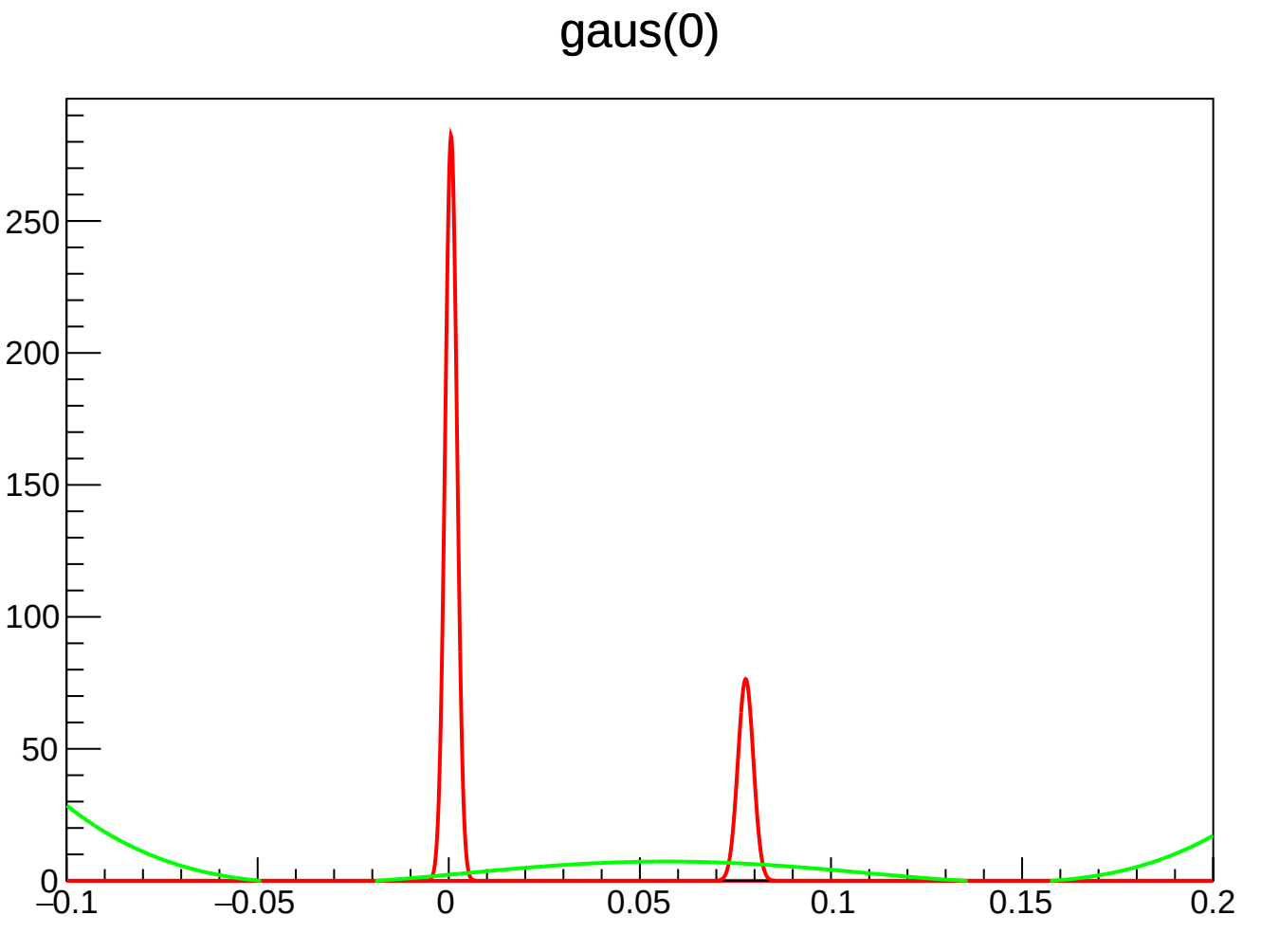
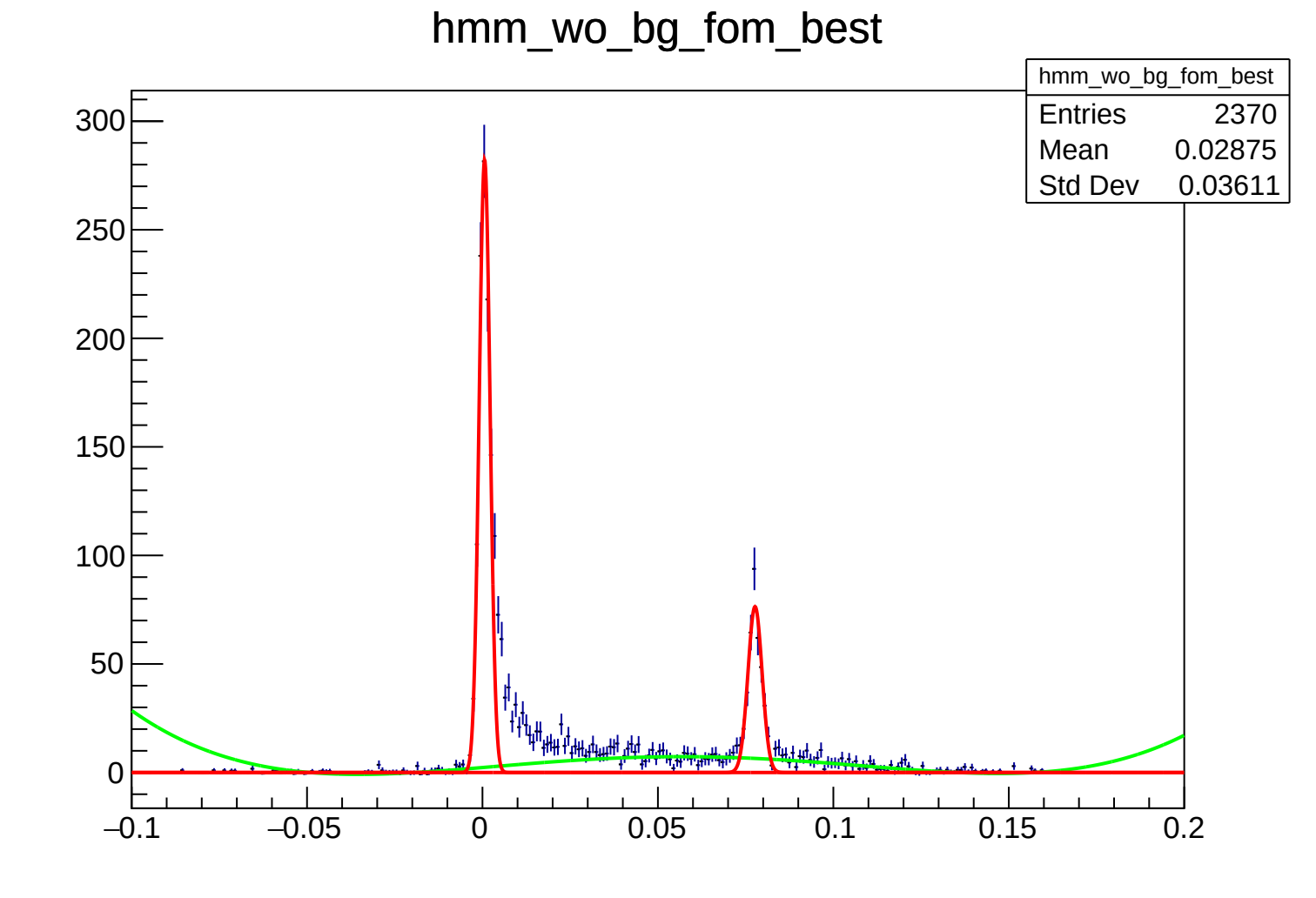
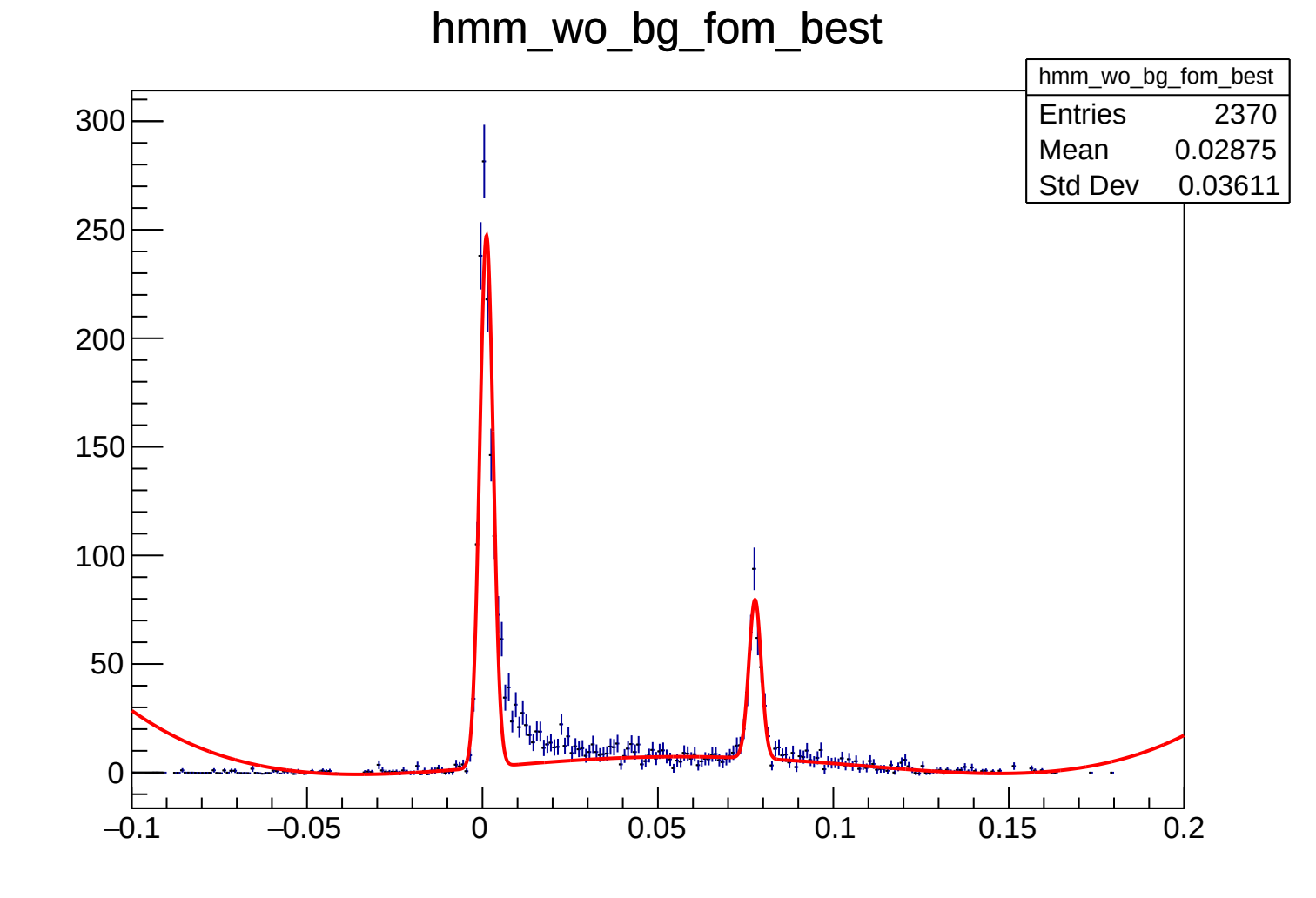

hmm_L_fom_best
hmm_L_fom_best
Entries 3022
Mean 0.03103
Std Dev 0.03829
Counts / MeV
0
50
100
150
200
250
–0.1
–0.05
0
0.05
0.1
0.15
0.2
M_x - M_Λ (GeV/c^2)


hmm_L_fom_best
hmm_L_fom_best
Entries 3022
Mean 0.03103
Std Dev 0.03829
Counts / MeV
0
50
100
150
200
250
–0.1
–0.05
0
0.05
0.1
0.15
0.2
M_x - M_Λ (GeV/c^2)


gaus(0)
250
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_best
hmm_wo_bg_fom_best
Entries 2370
Mean 0.02875
Std Dev 0.03611
300
250
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_best
hmm_wo_bg_fom_best
Entries 2370
Mean 0.02875
Std Dev 0.03611
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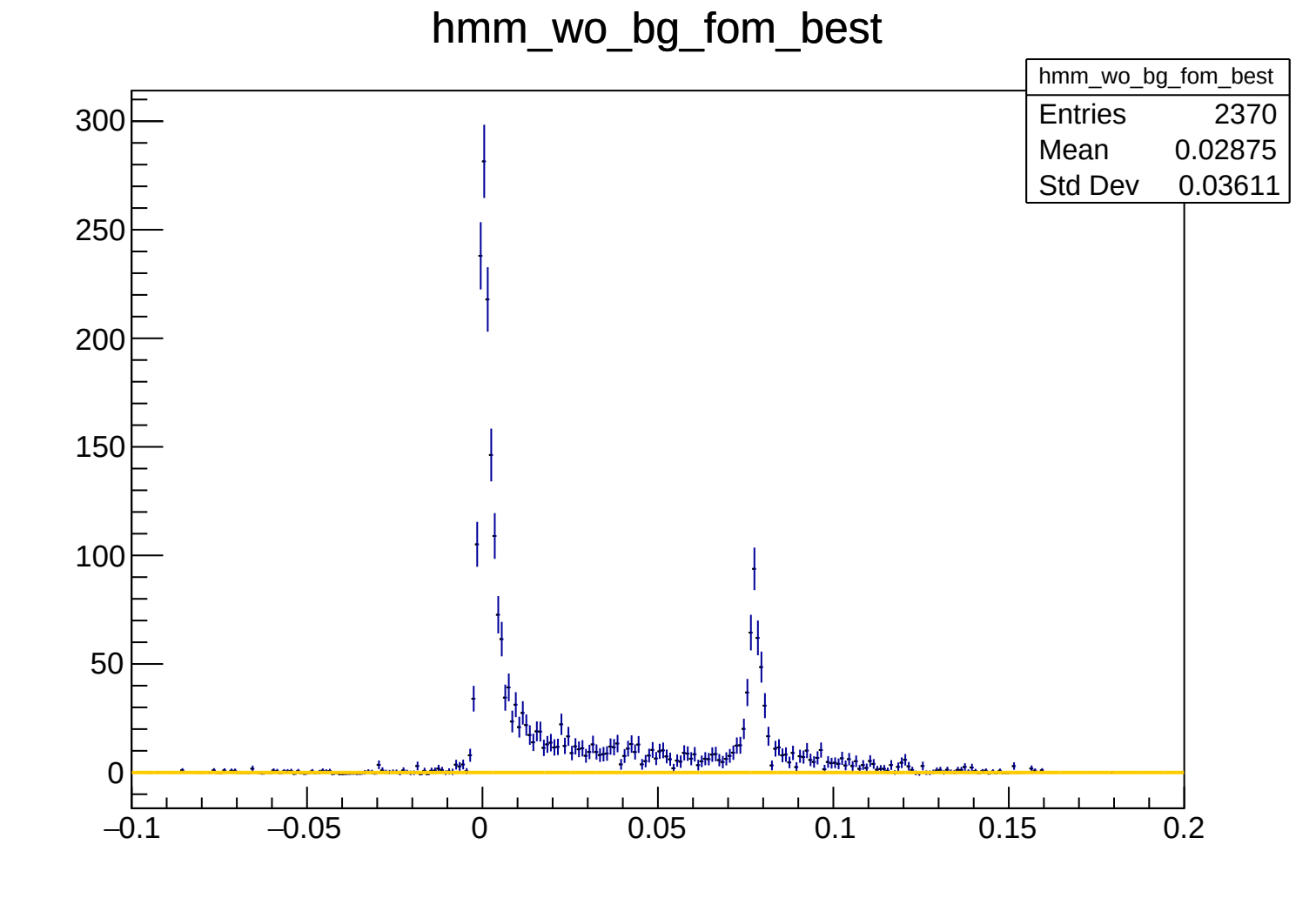
250
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_best
hmm_wo_bg_fom_best
Entries 2370
Mean 0.02875
Std Dev 0.03611
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200
150
100
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–0.05
0
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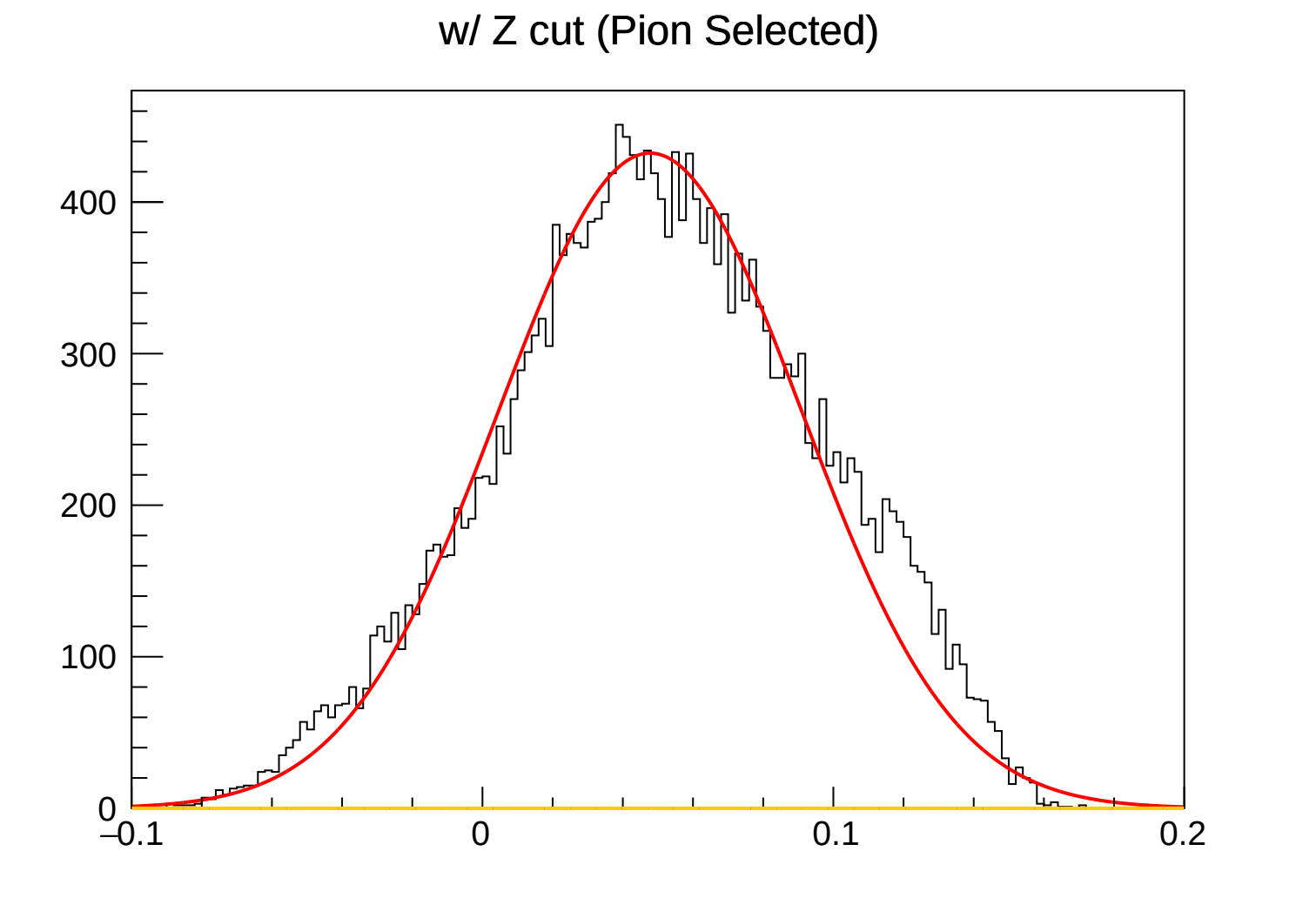
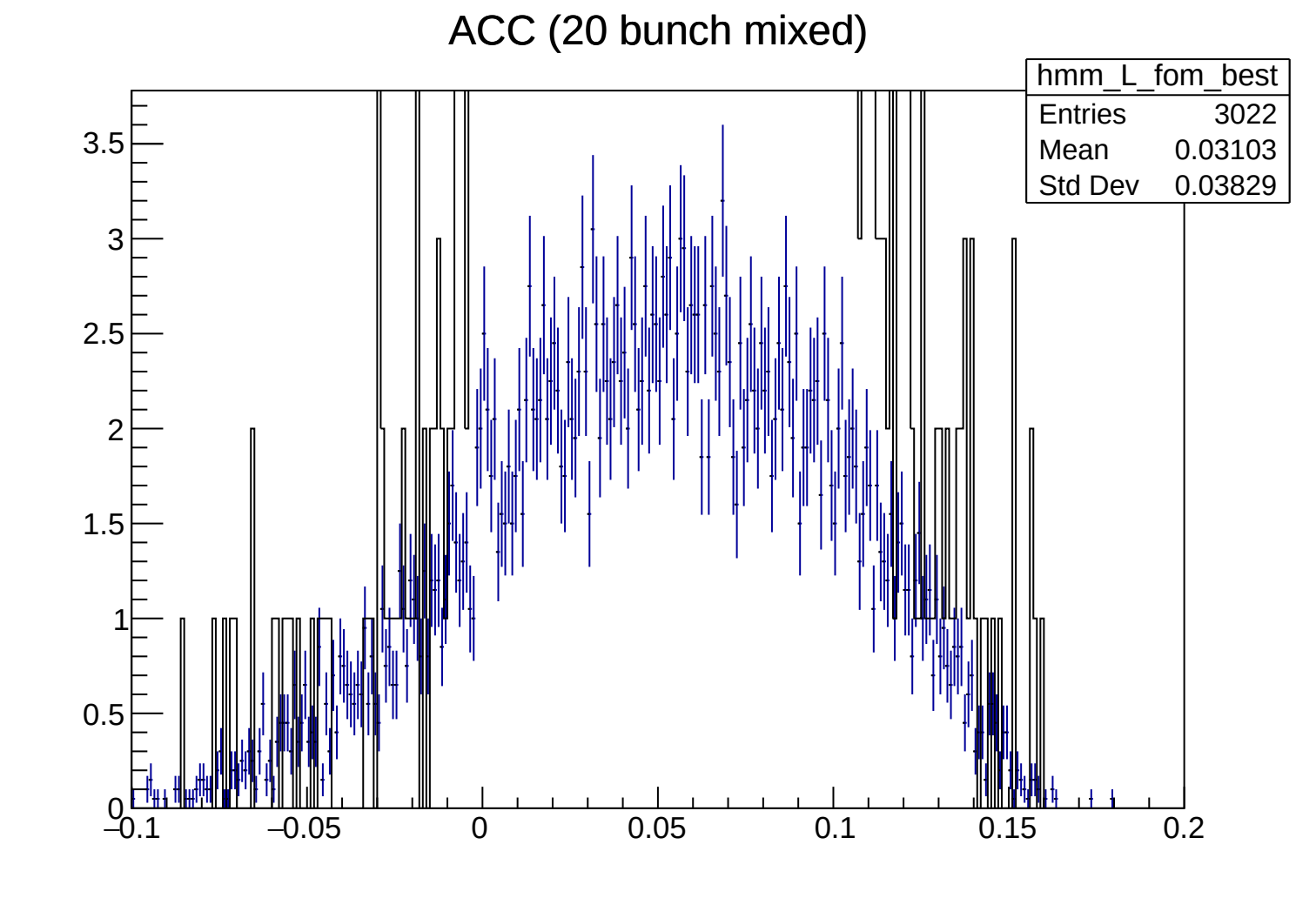
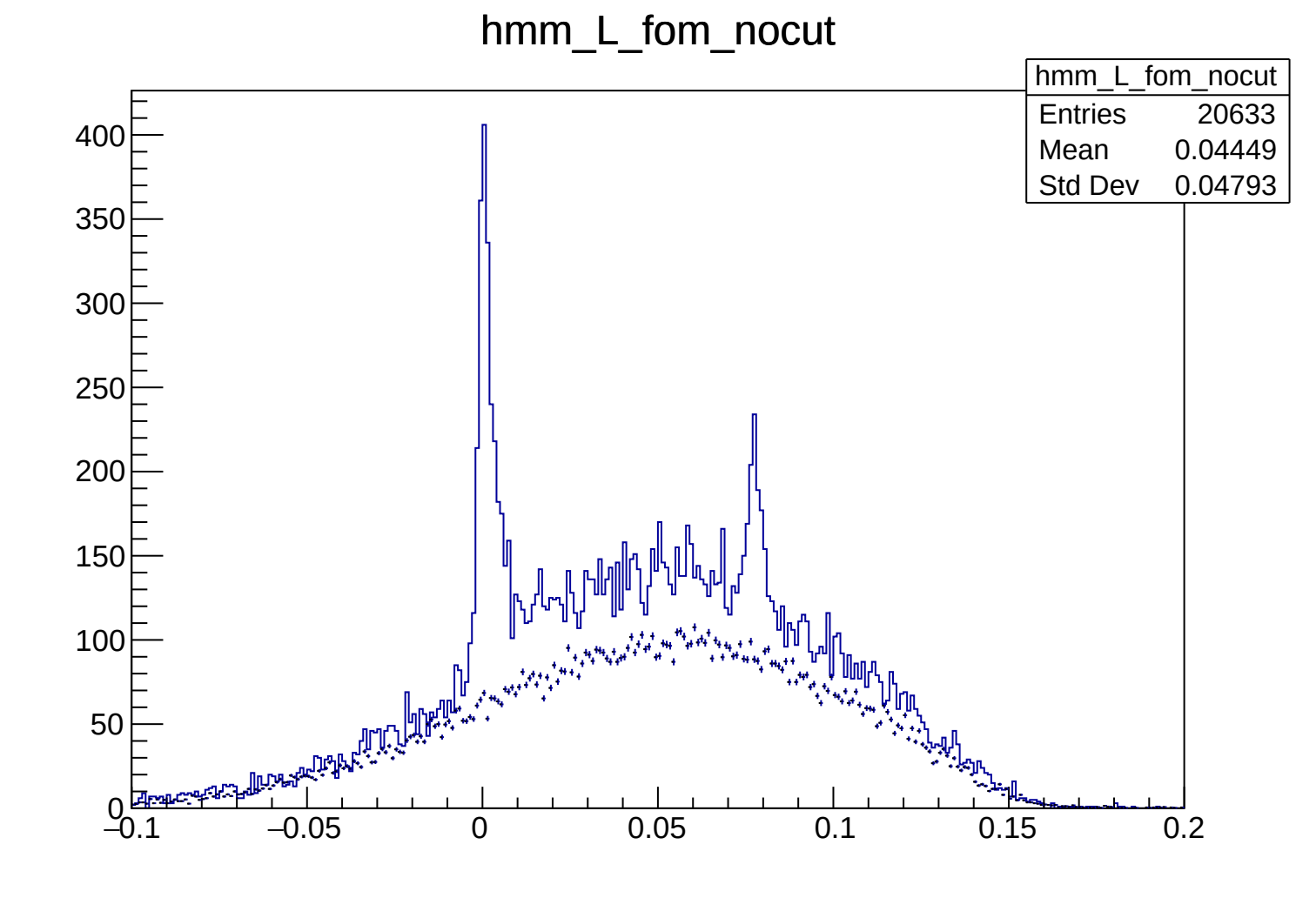
0.1
0.15
0.2


w/ Z cut (Pion Selected)
400
300
200
100
0
–0.1
0
0.1
0.2


ACC (20 bunch mixed)
hmm_L_fom_best
Entries 3022
Mean 0.03103
Std Dev 0.03829
3.5
3
2.5
2
1.5
1
0.5
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_L_fom_nocut
hmm_L_fom_nocut
Entries 20633
Mean 0.04449
Std Dev 0.04793
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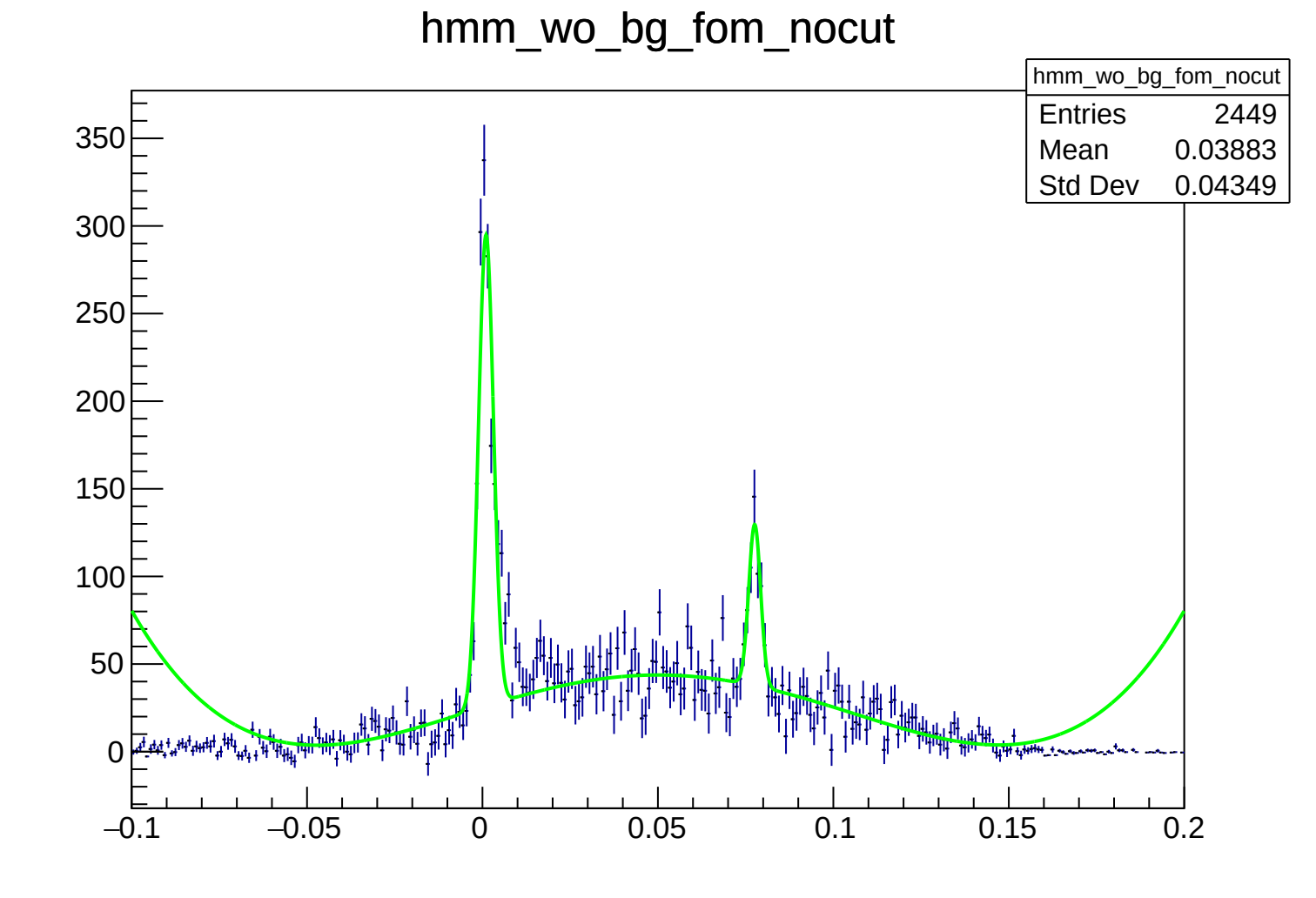
350
300
250
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_nocut
hmm_wo_bg_fom_nocut
Entries 2449
Mean 0.03883
Std Dev 0.04349
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300
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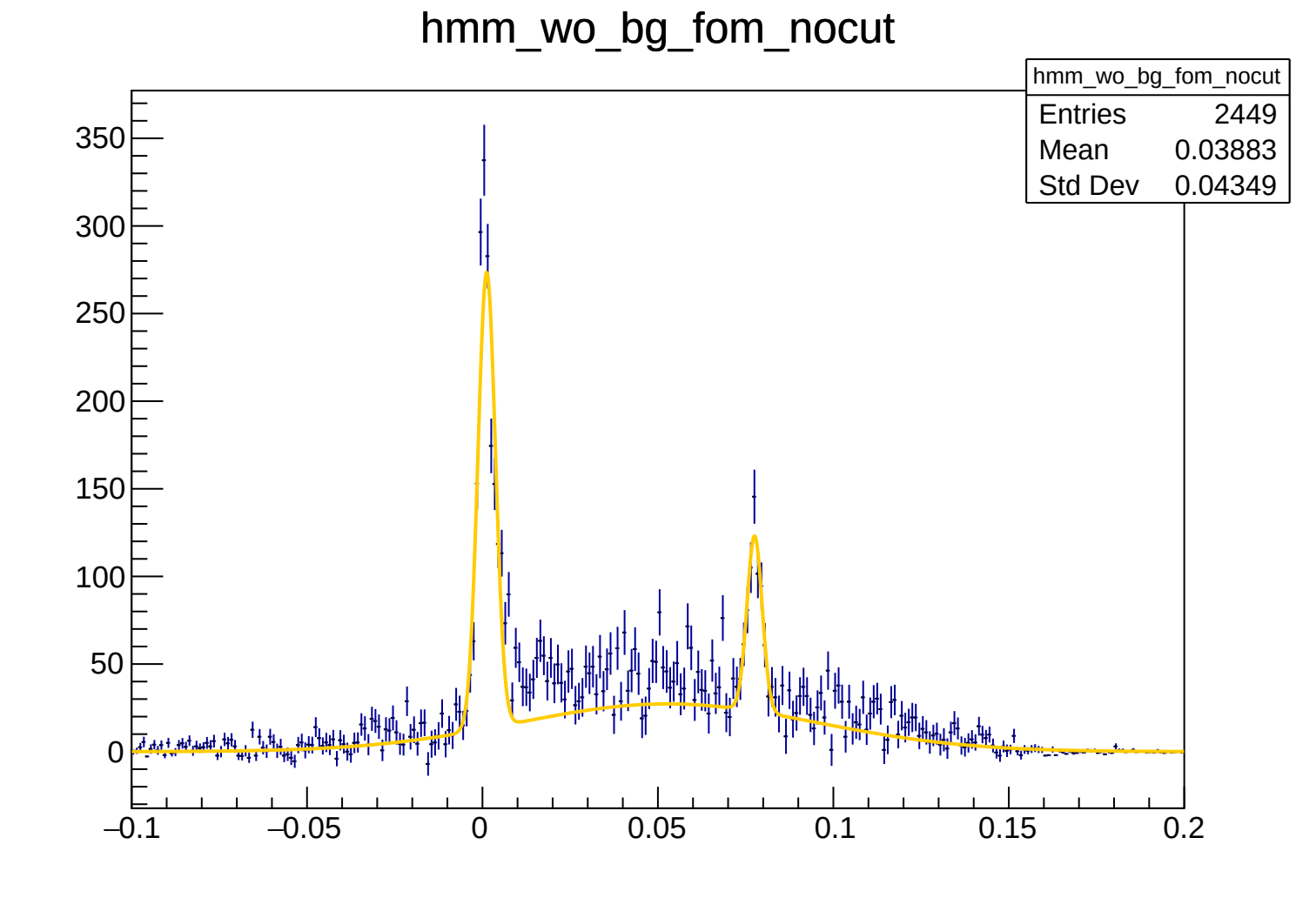
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_nocut
hmm_wo_bg_fom_nocut
Entries 2449
Mean 0.03883
Std Dev 0.04349
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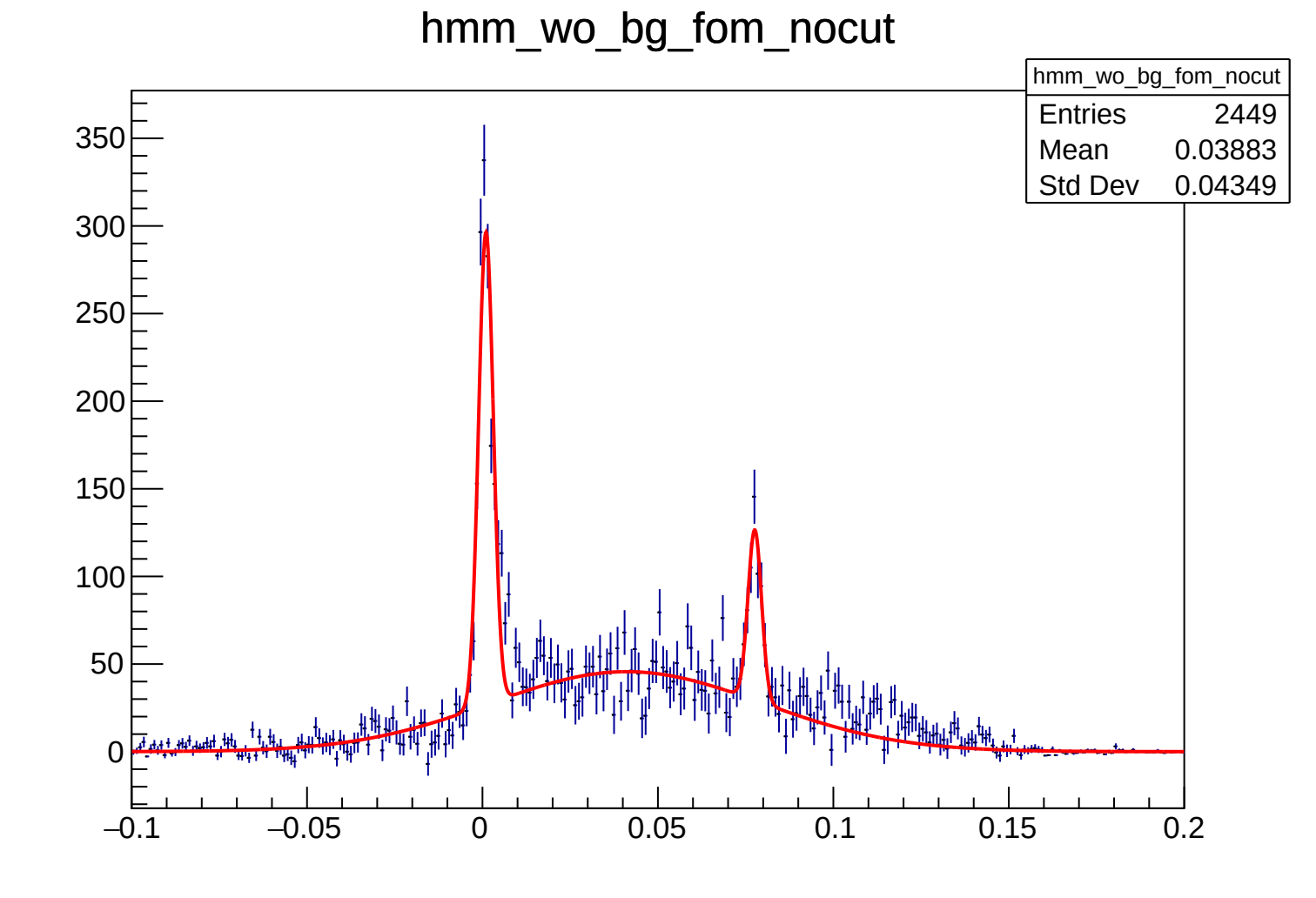
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_nocut
hmm_wo_bg_fom_nocut
Entries 2449
Mean 0.03883
Std Dev 0.04349
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300
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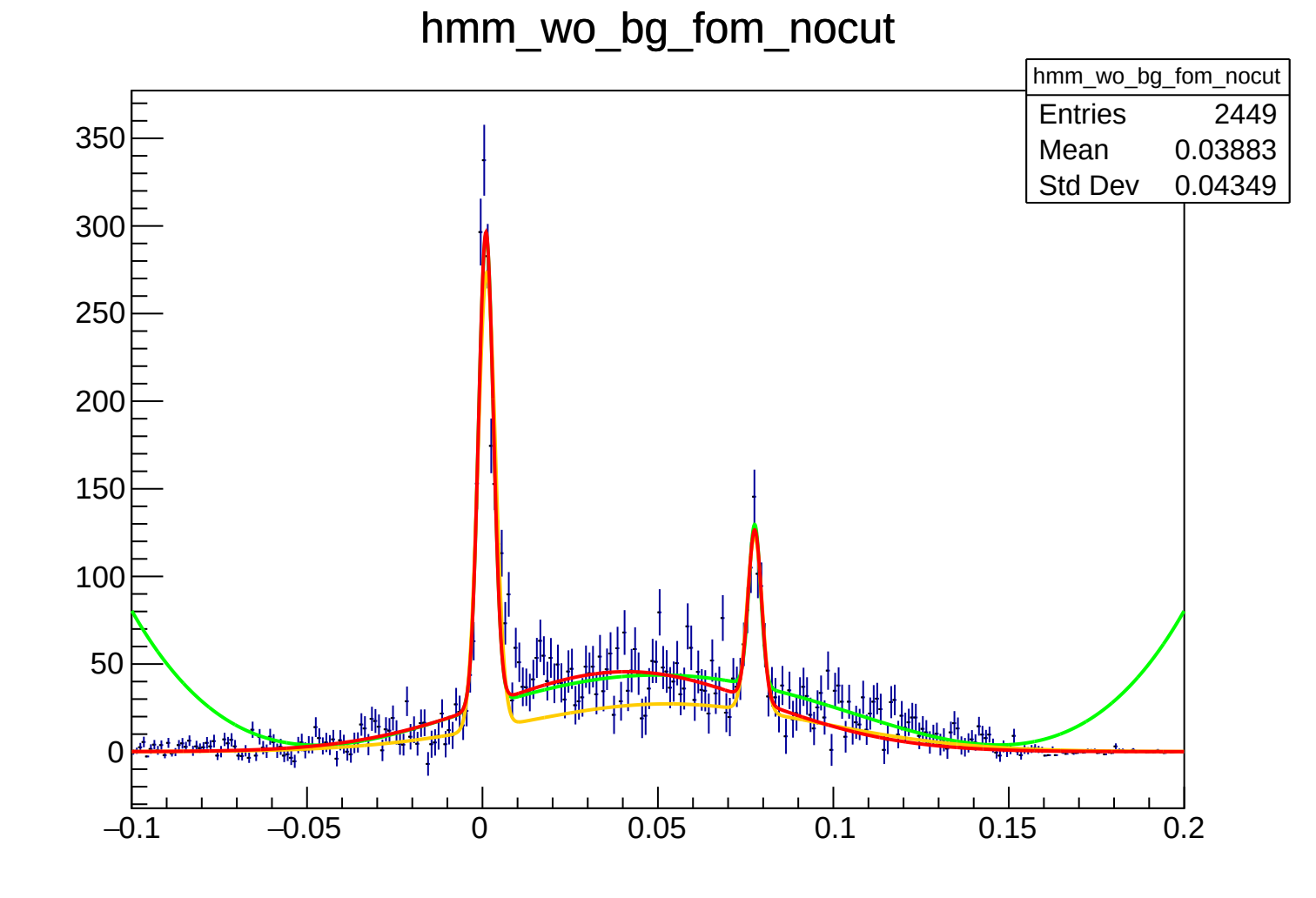
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2


hmm_wo_bg_fom_nocut
hmm_wo_bg_fom_nocut
Entries 2449
Mean 0.03883
Std Dev 0.04349
350
300
250
200
150
100
50
0
–0.1
–0.05
0
0.05
0.1
0.15
0.2