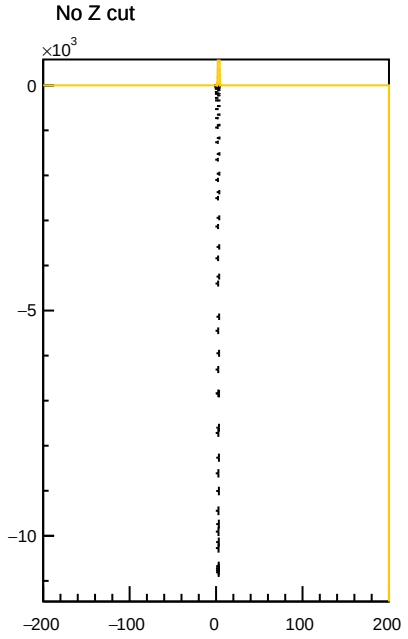
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×10^3
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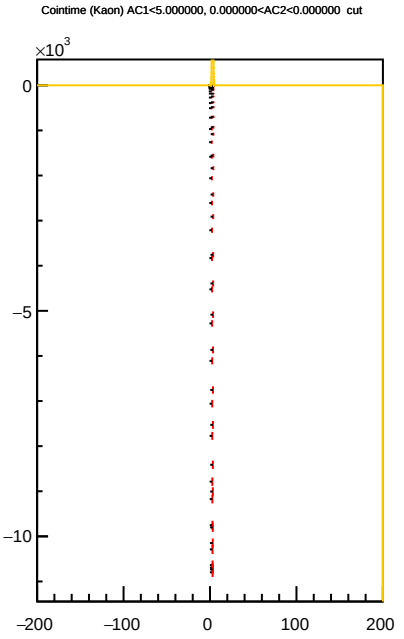
Cointime (Kaon) AC1<5.000000, 0.000000<AC2<0.000000 cut
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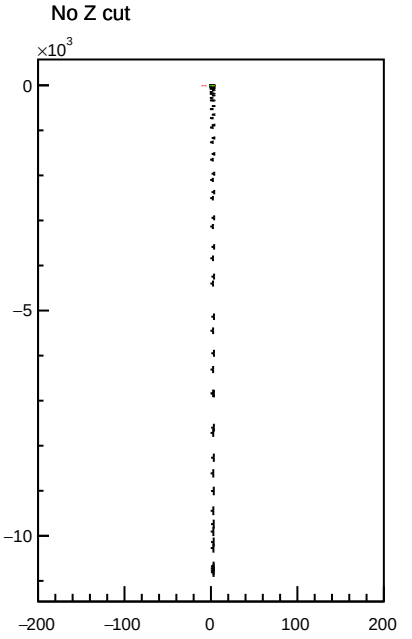
−5
−10
−200
−100
0
100
200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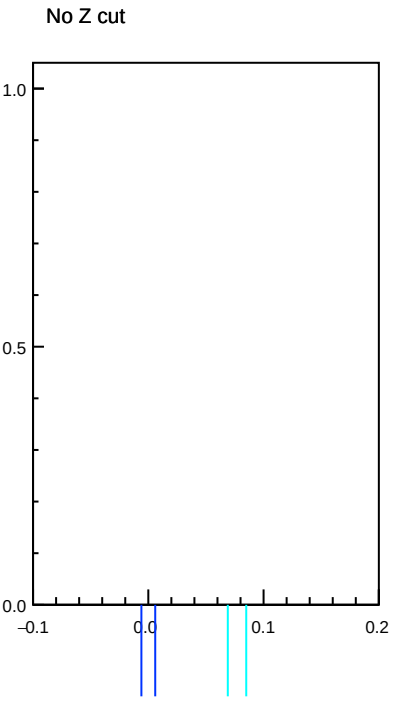
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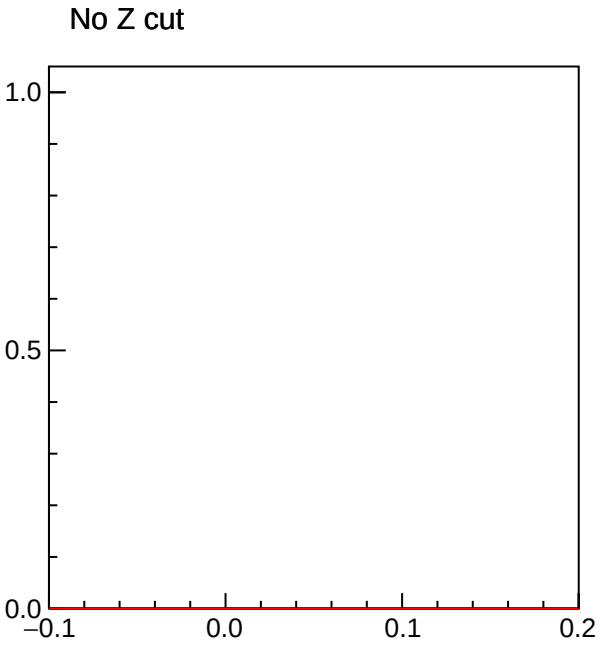
0.2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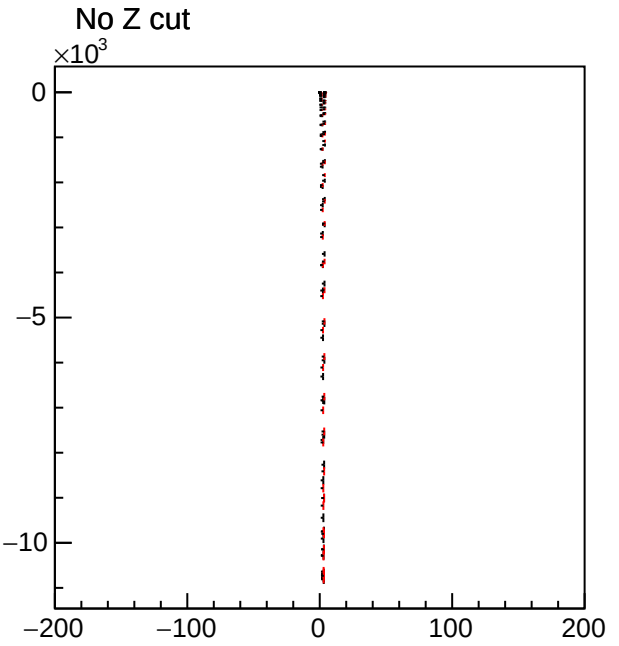
0.2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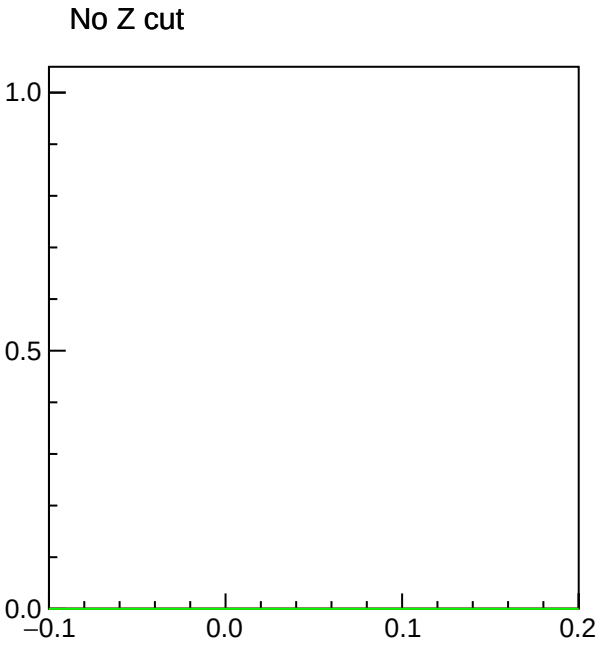
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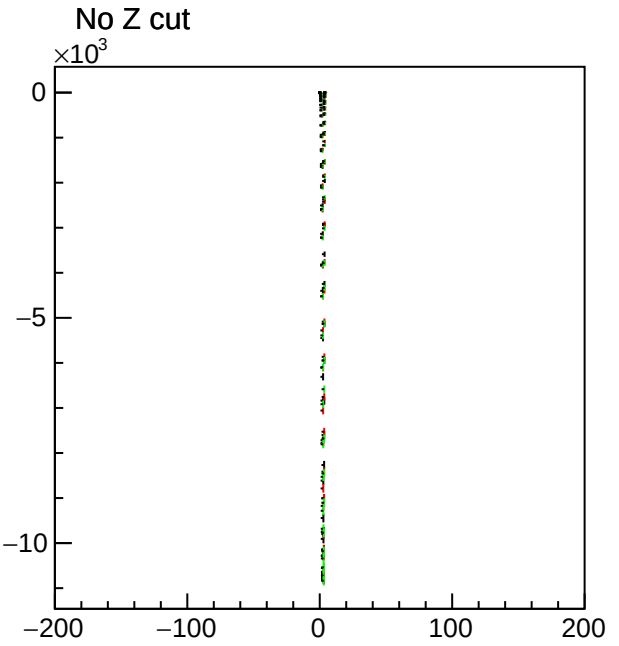
0.2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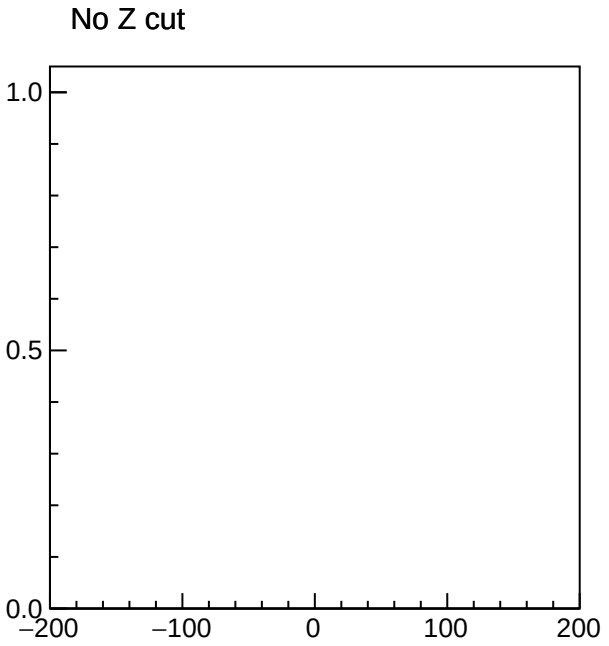
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100
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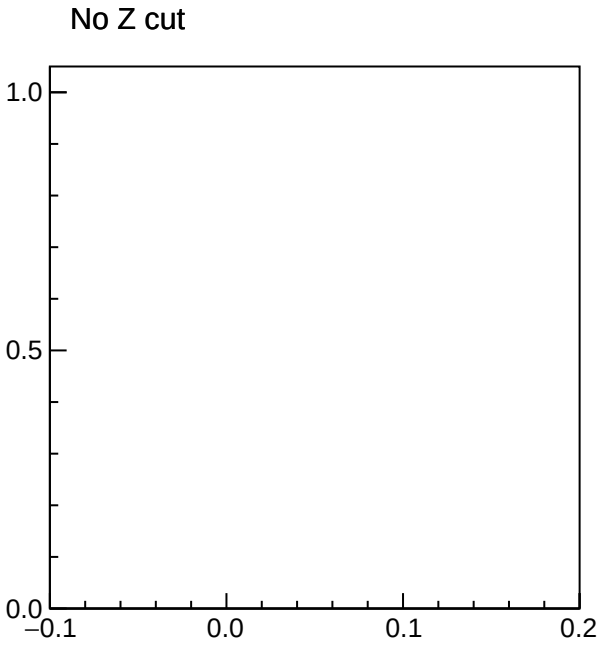
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0.5
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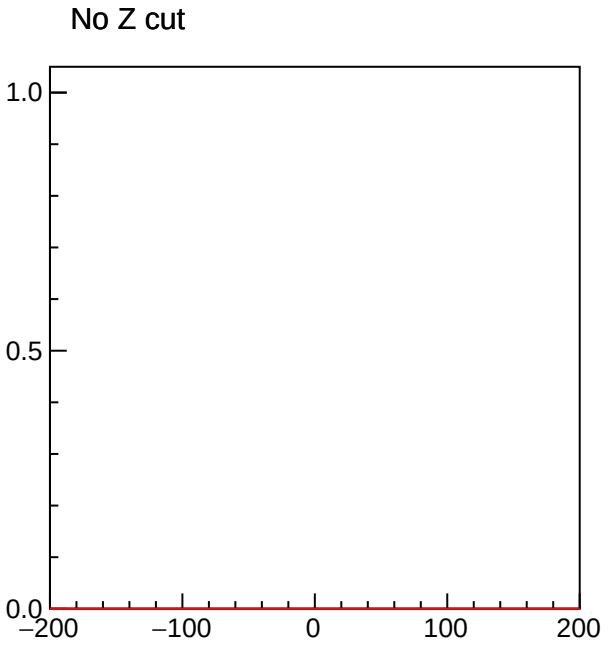
0.2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−100
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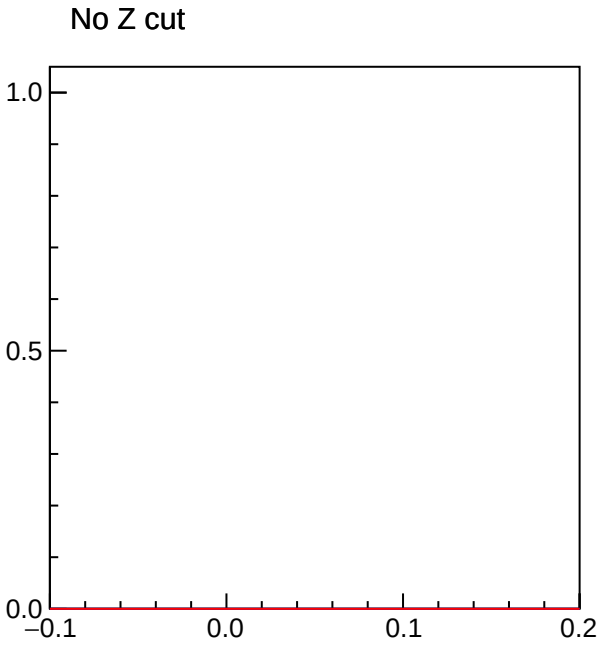
100
200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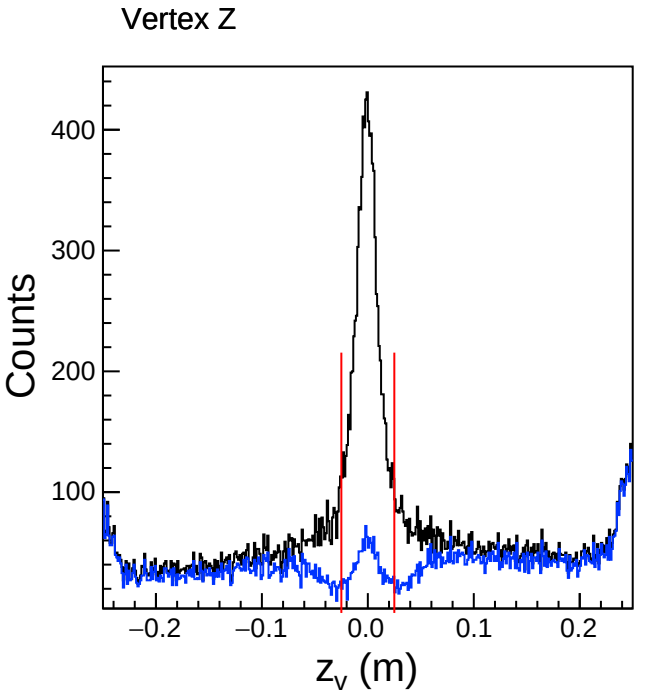
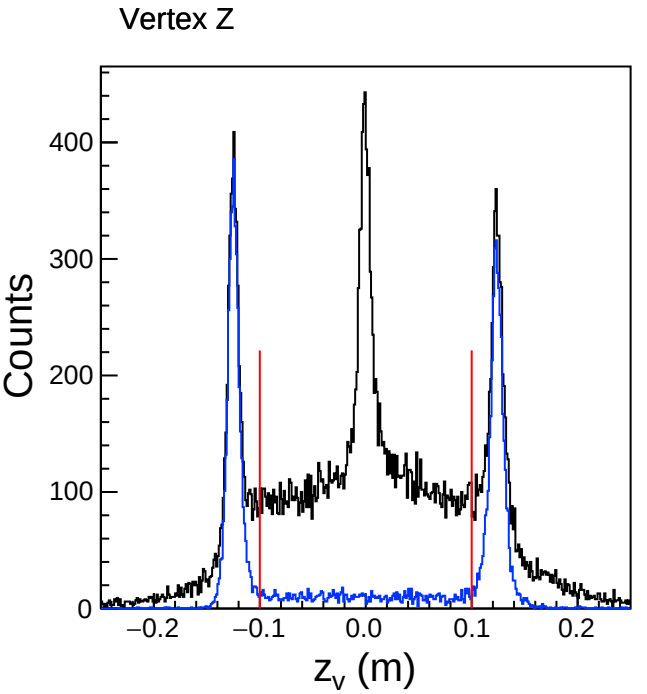
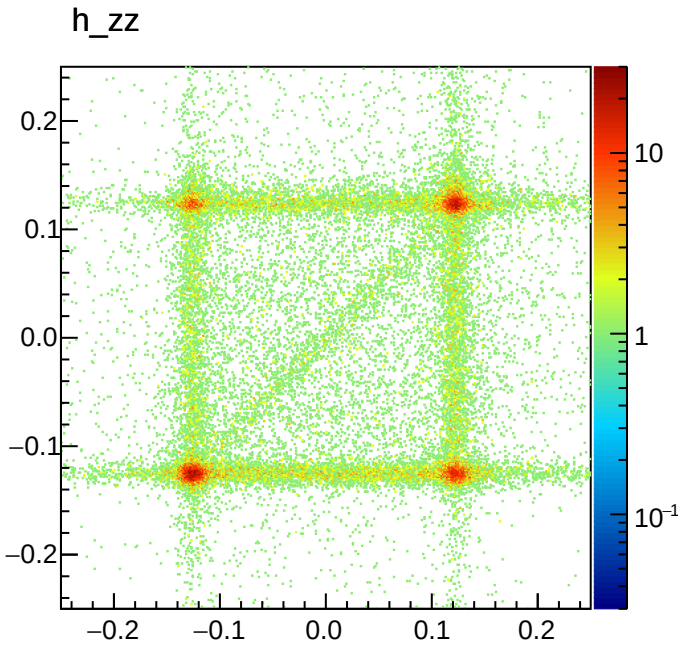
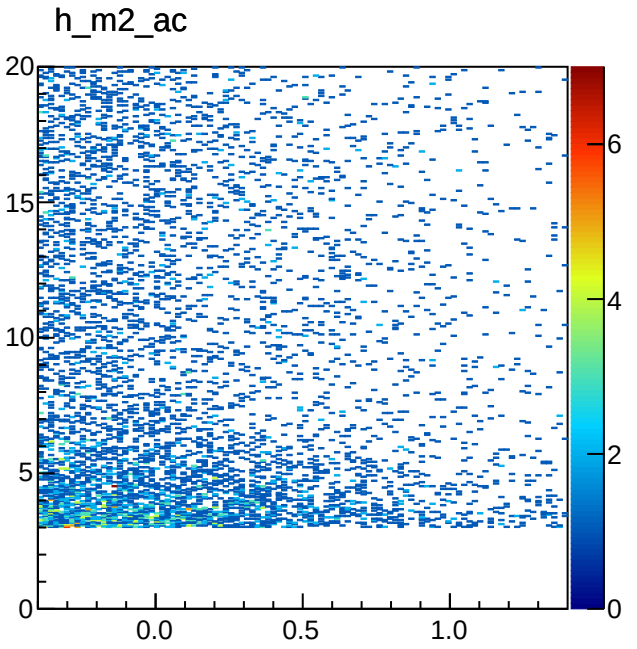
0.5
0.0
−0.1
0.0
0.1
0.2


Vertex Z
Counts
400
300
200
100
−0.2
−0.1
0.0
0.1
0.2
z_v (m)


Vertex Z
Counts
400
300
200
100
0
−0.2
−0.1
0.0
0.1
0.2
z_v (m)


h_zz
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2
10
1
10^{-1}


h_m2_ac
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15
10
5
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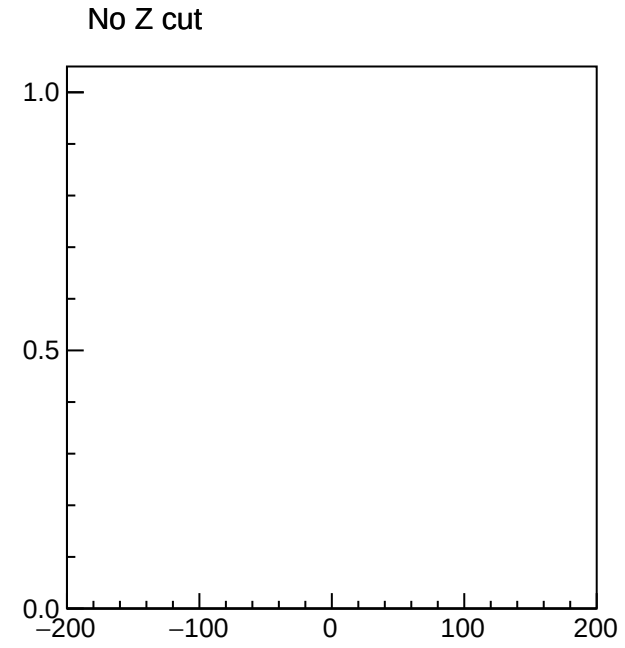
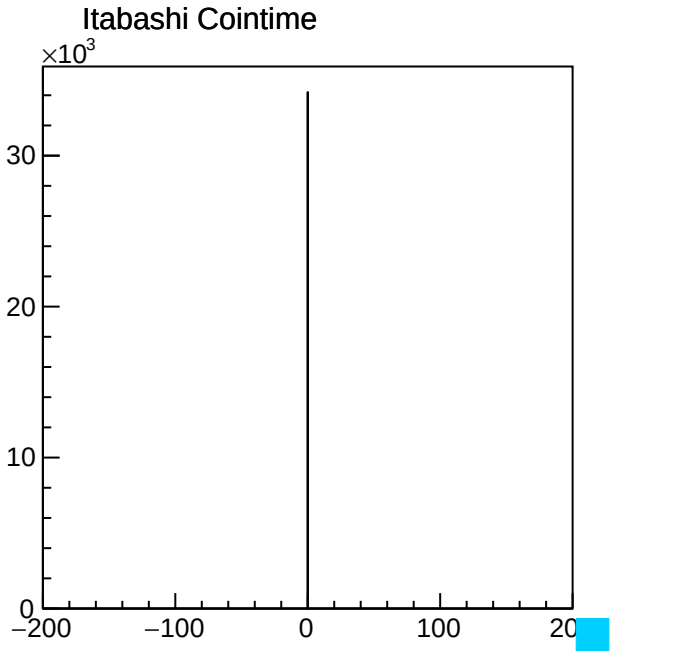
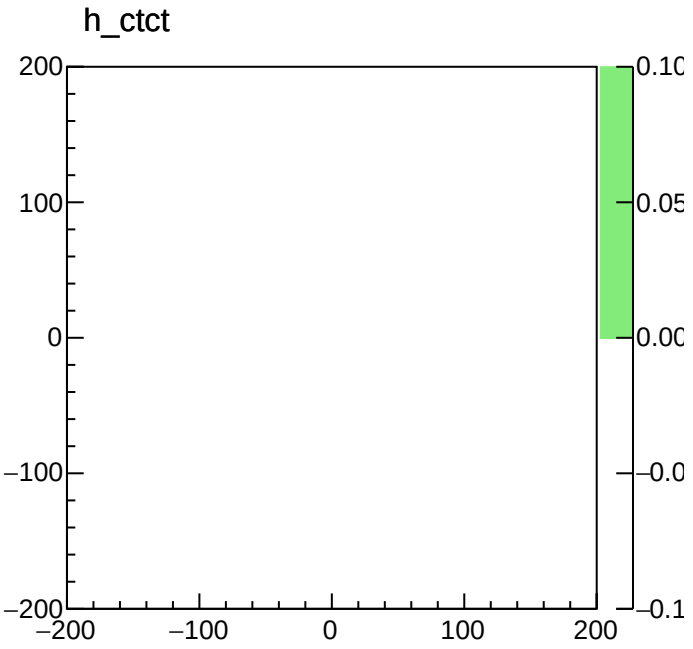
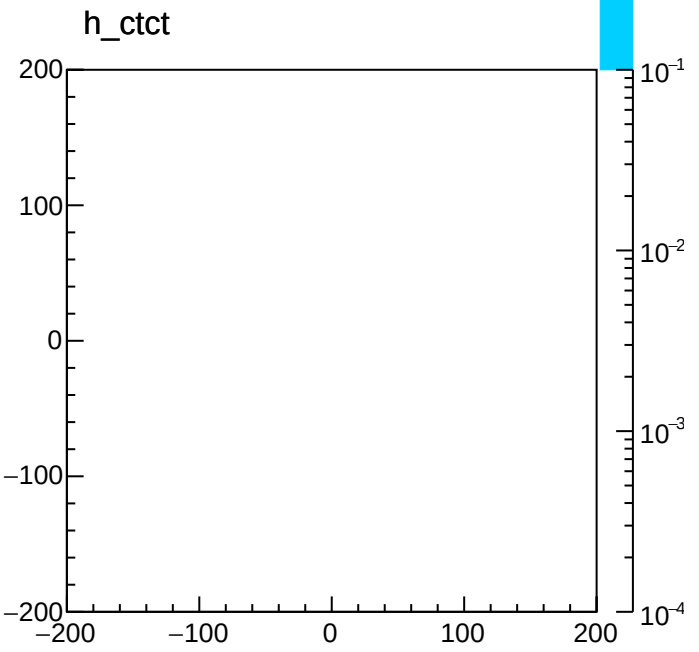
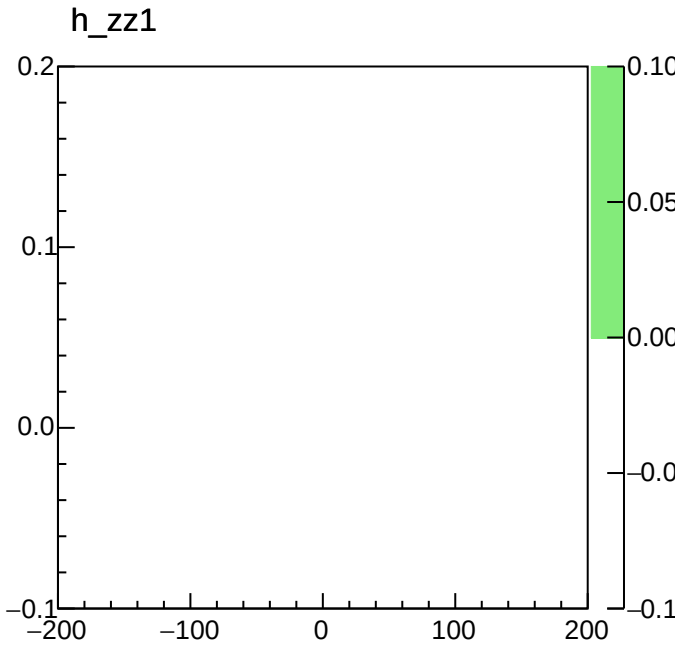
0.0
0.5
1.0
6
4
2
0

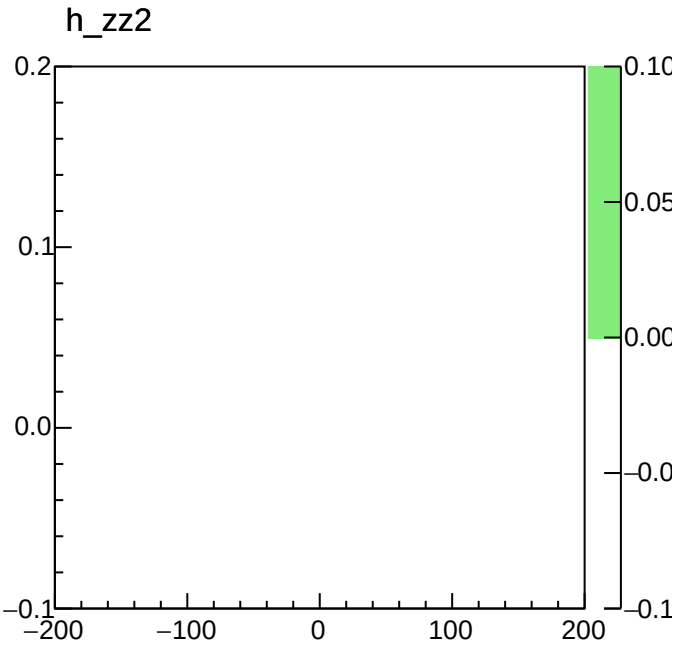

No Z cut
1.0
0.5
0.0
−200
−100
0
100
200

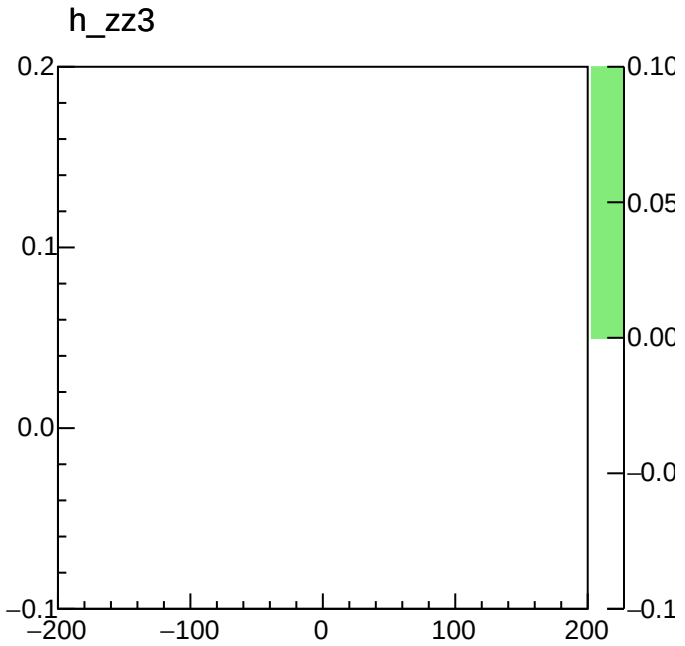

Itabashi Cointime
×10^3
30
20
10
0
−200
−100
0
100
20

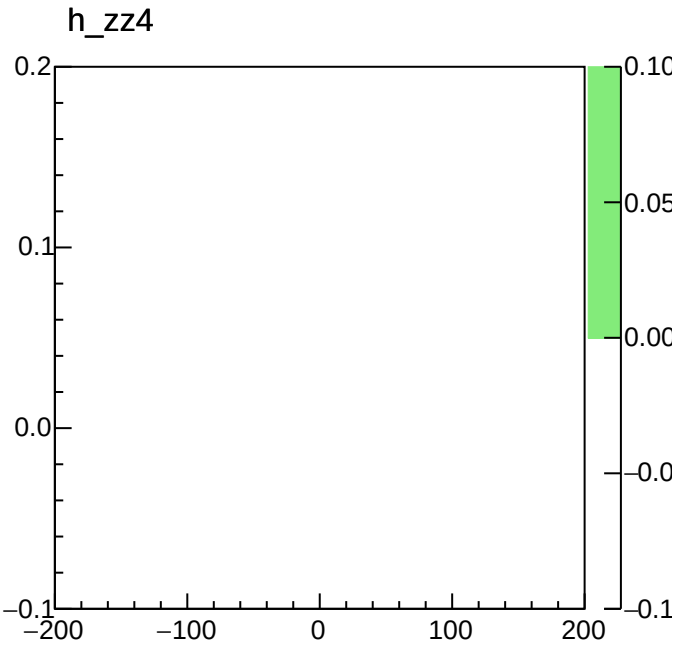

h_ctct
200
100
0
−100
−200
−200
−100
0
100
200
0.10
0.05
0.00
−0.0
−0.1


h_ctct
200
100
0
−100
−200
−200
−100
0
100
200
10^−1
10^−2
10^−3
10^−4

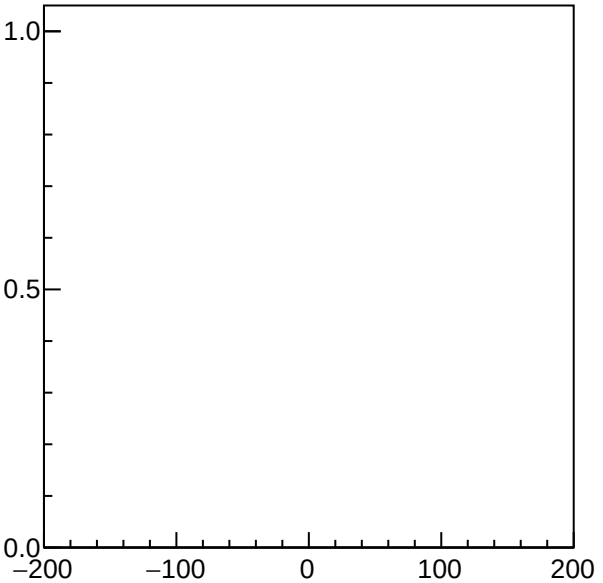

h_zz1
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
0.10
0.05
0.00
−0.0
−0.1


h_zz2
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
0.10
0.05
0.00
−0.0
−0.1

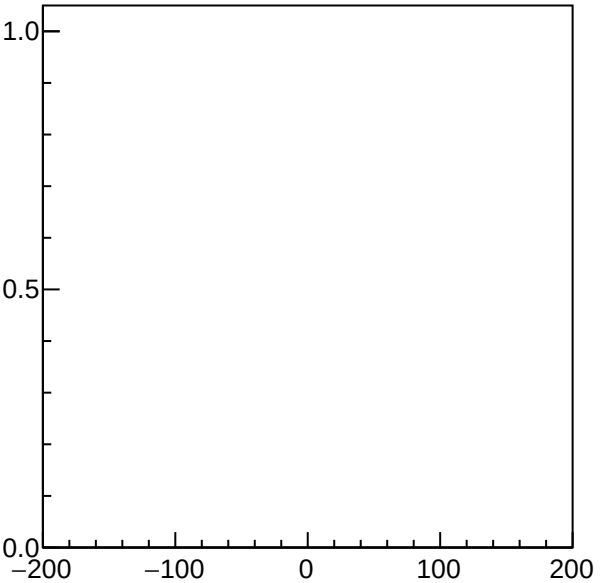

h_zz3
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
0.10
0.05
0.00
−0.0
−0.1


h_zz4
0.2
0.1
0.0
−0.1
−200
−100
0
100
200
0.10
0.05
0.00
−0.0
−0.1

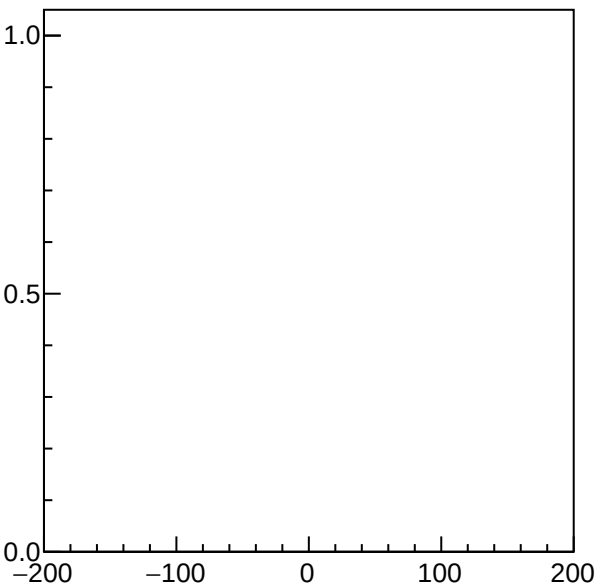
h_z1



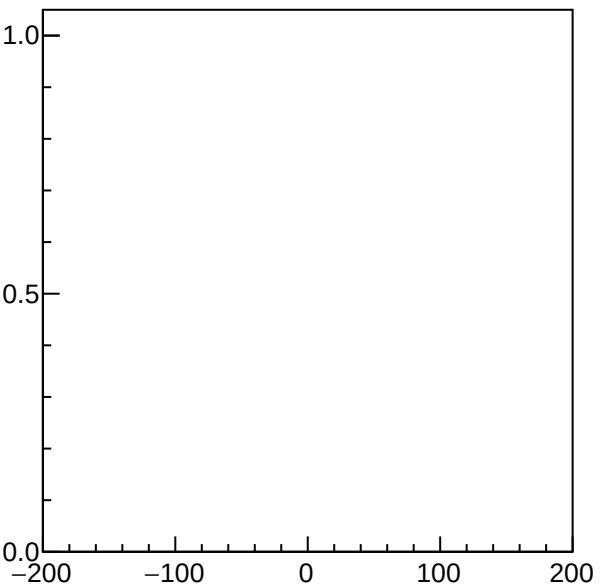
h_z2



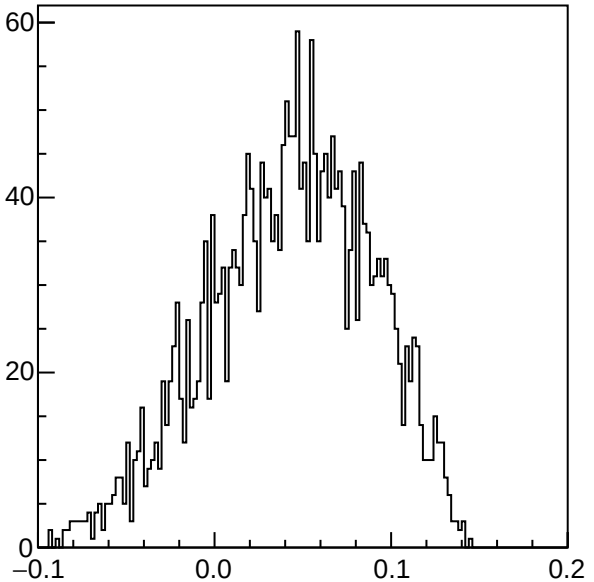
h_z3



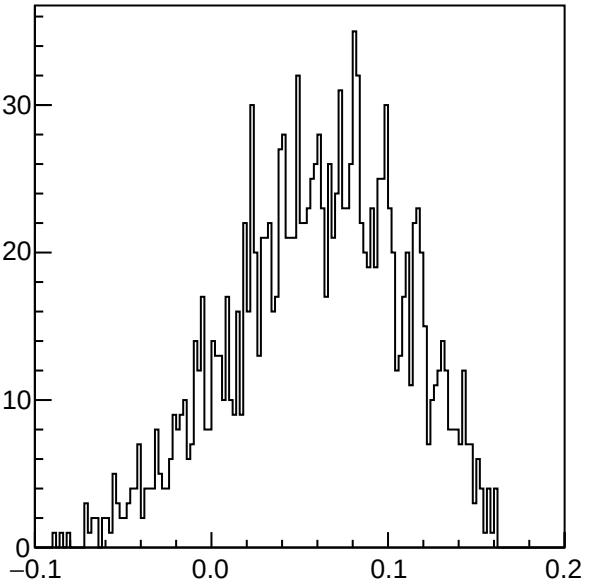
h_z4



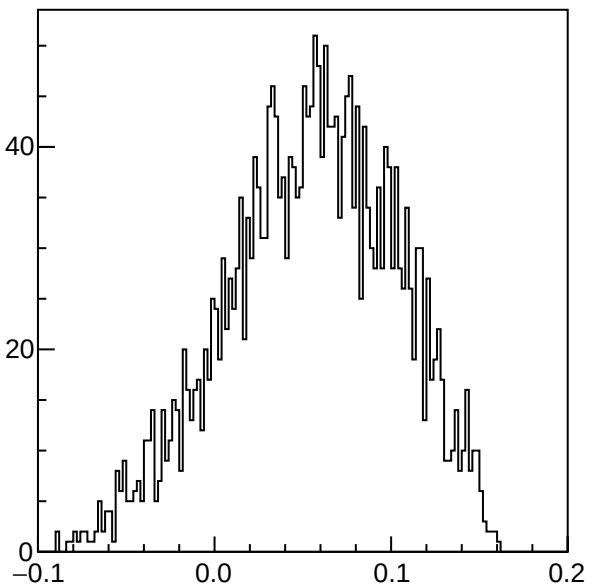
h_z11



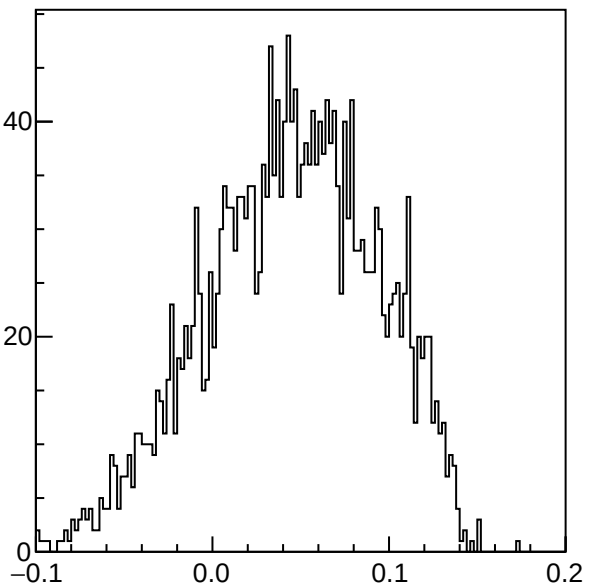
h_z22

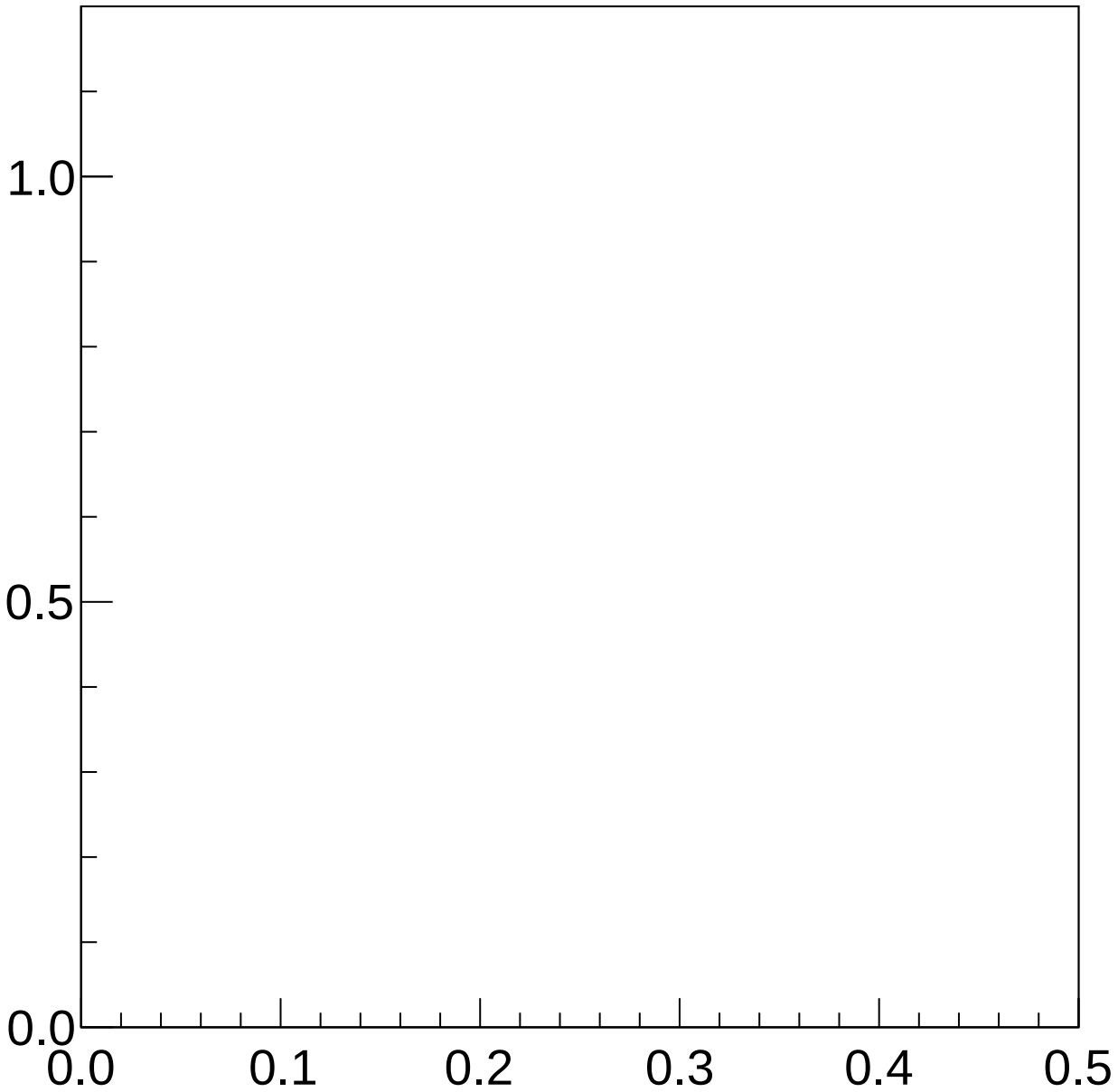


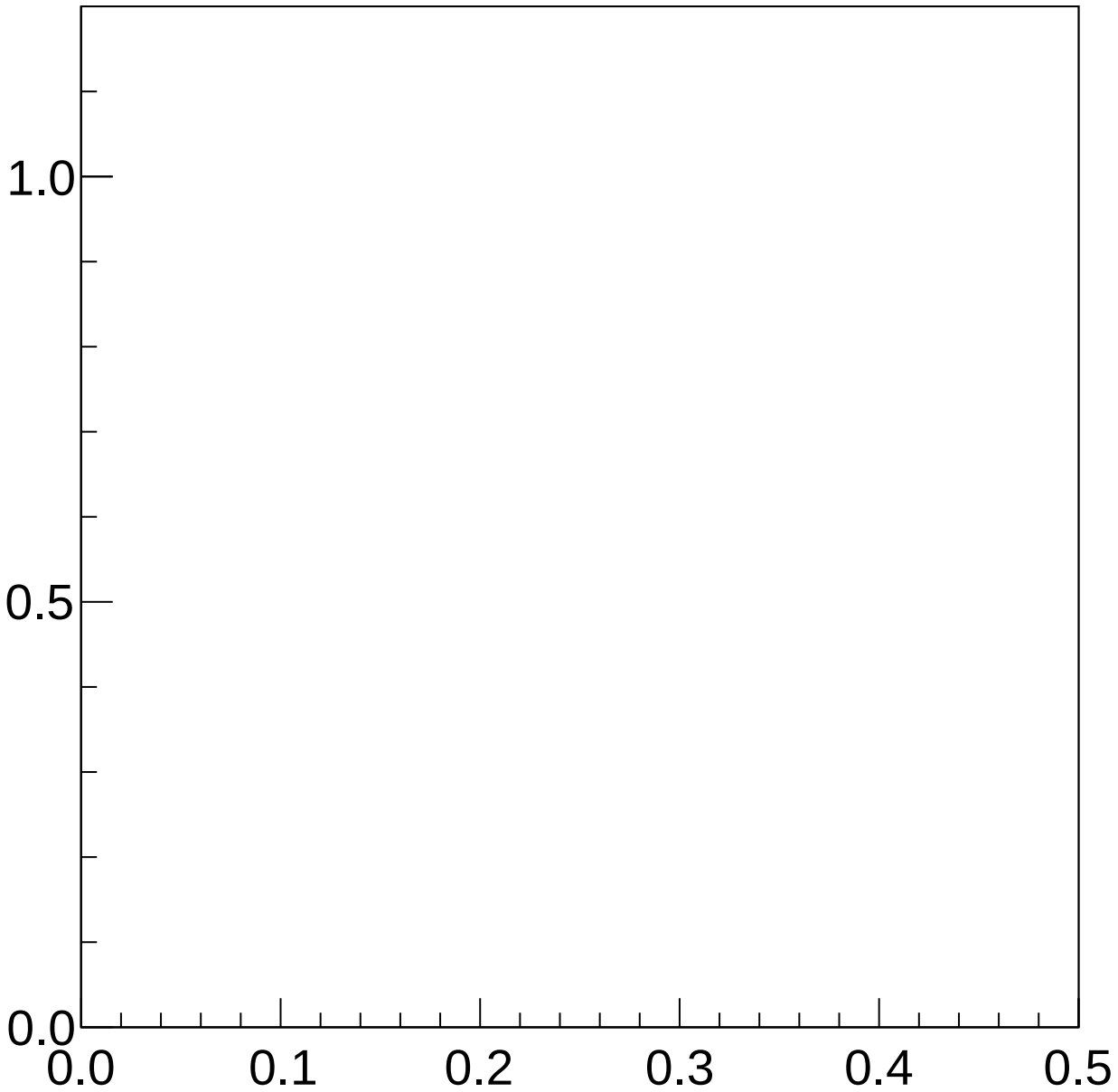
h_z33

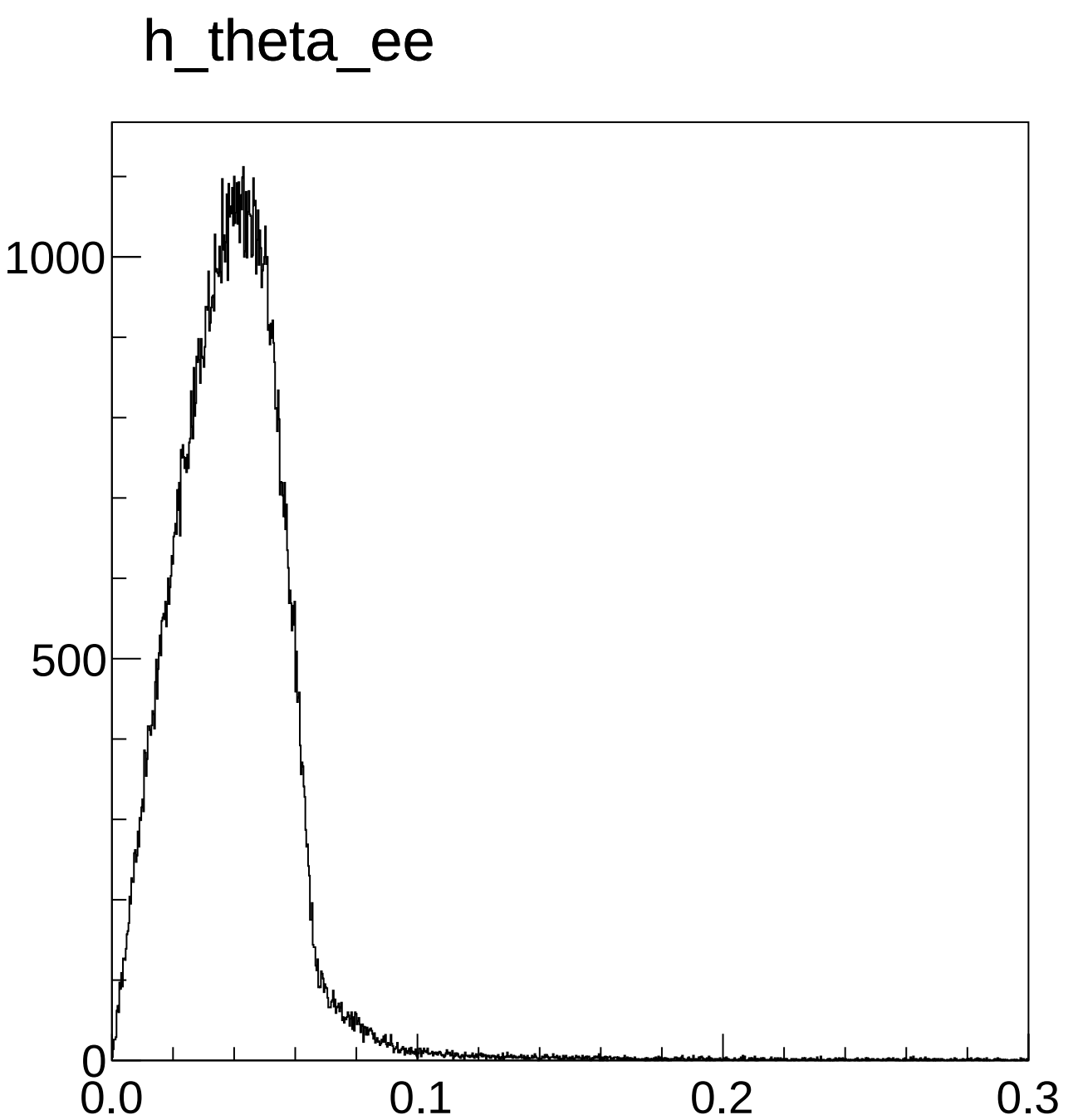


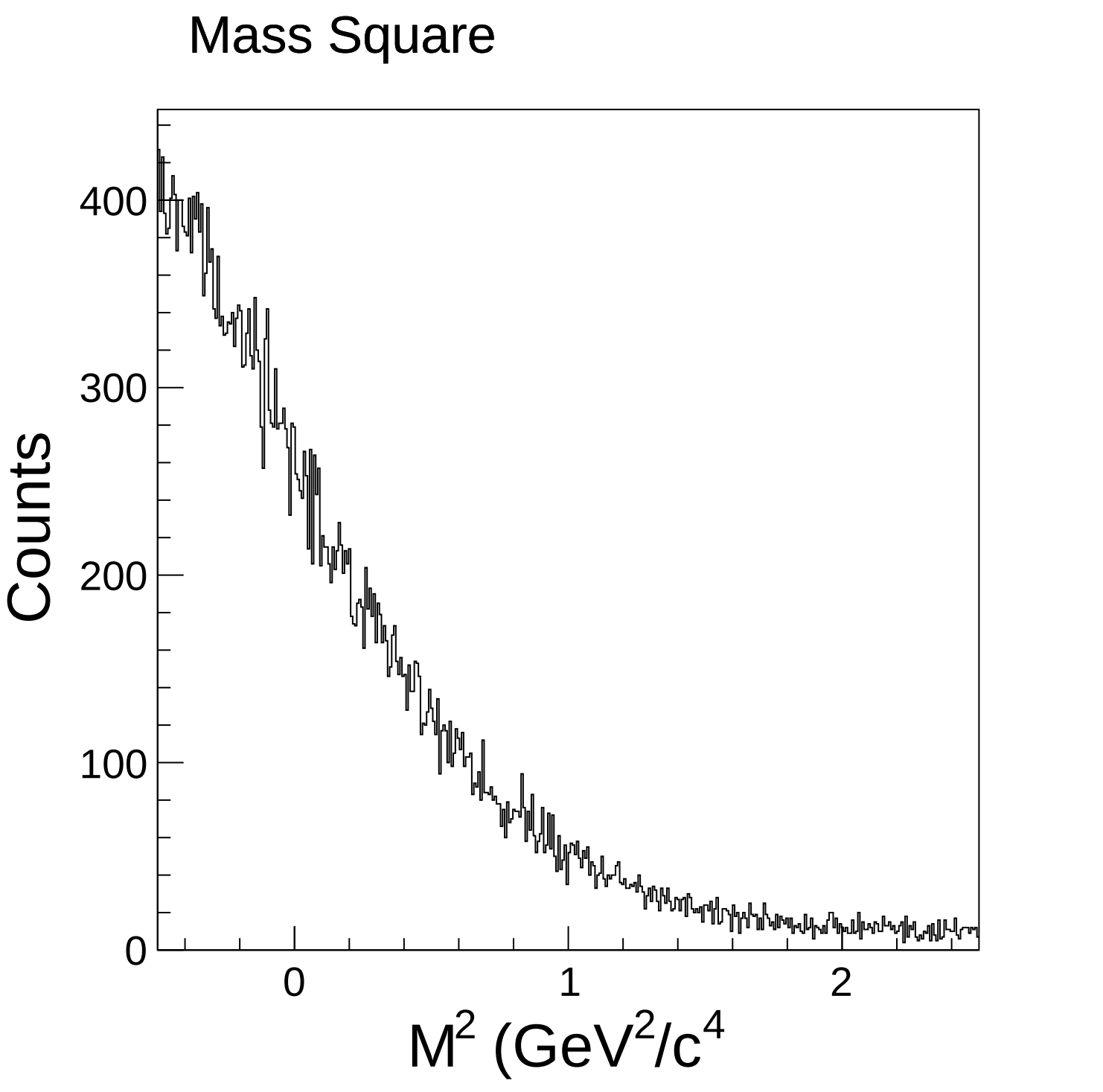
h_z44

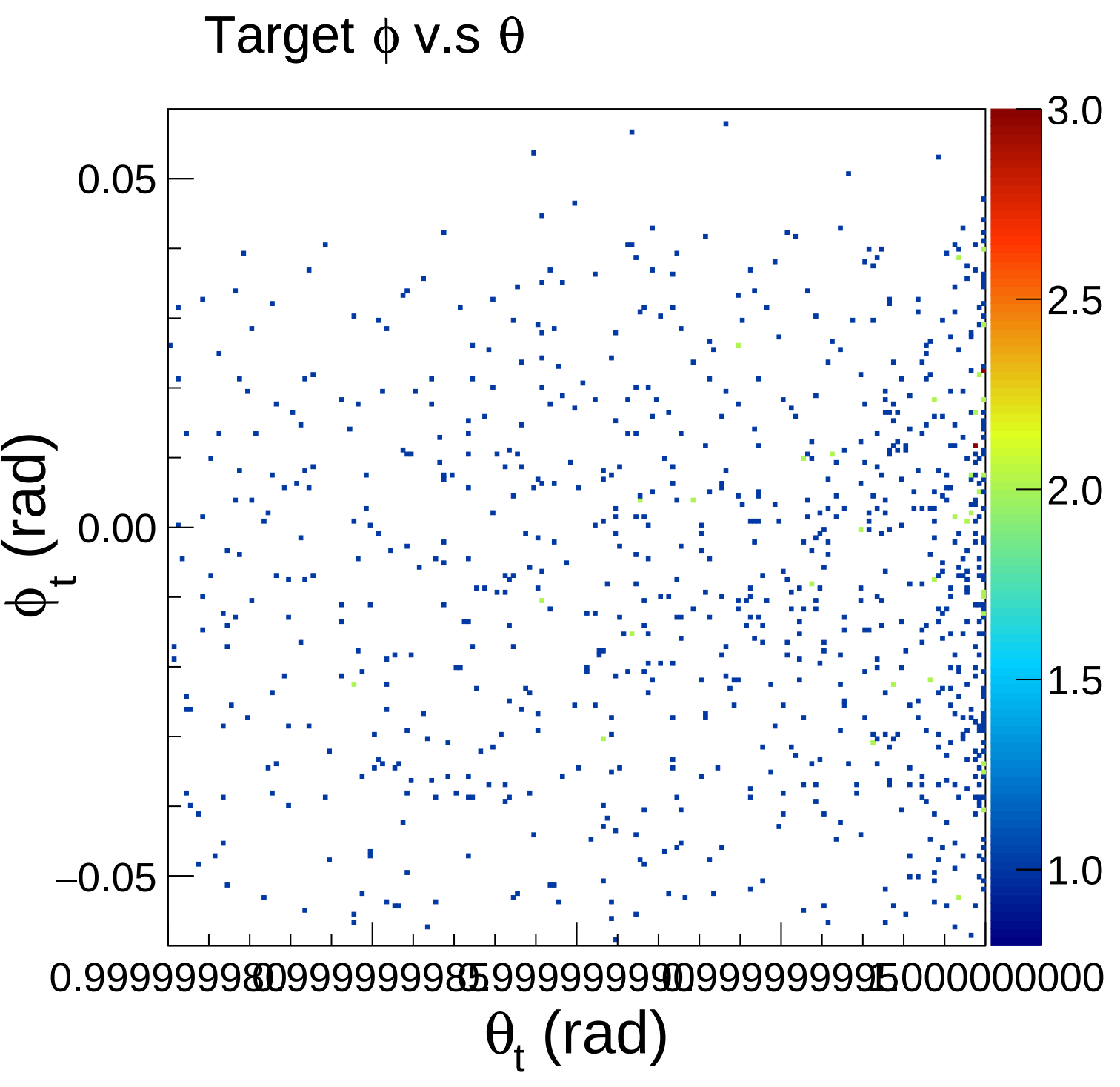


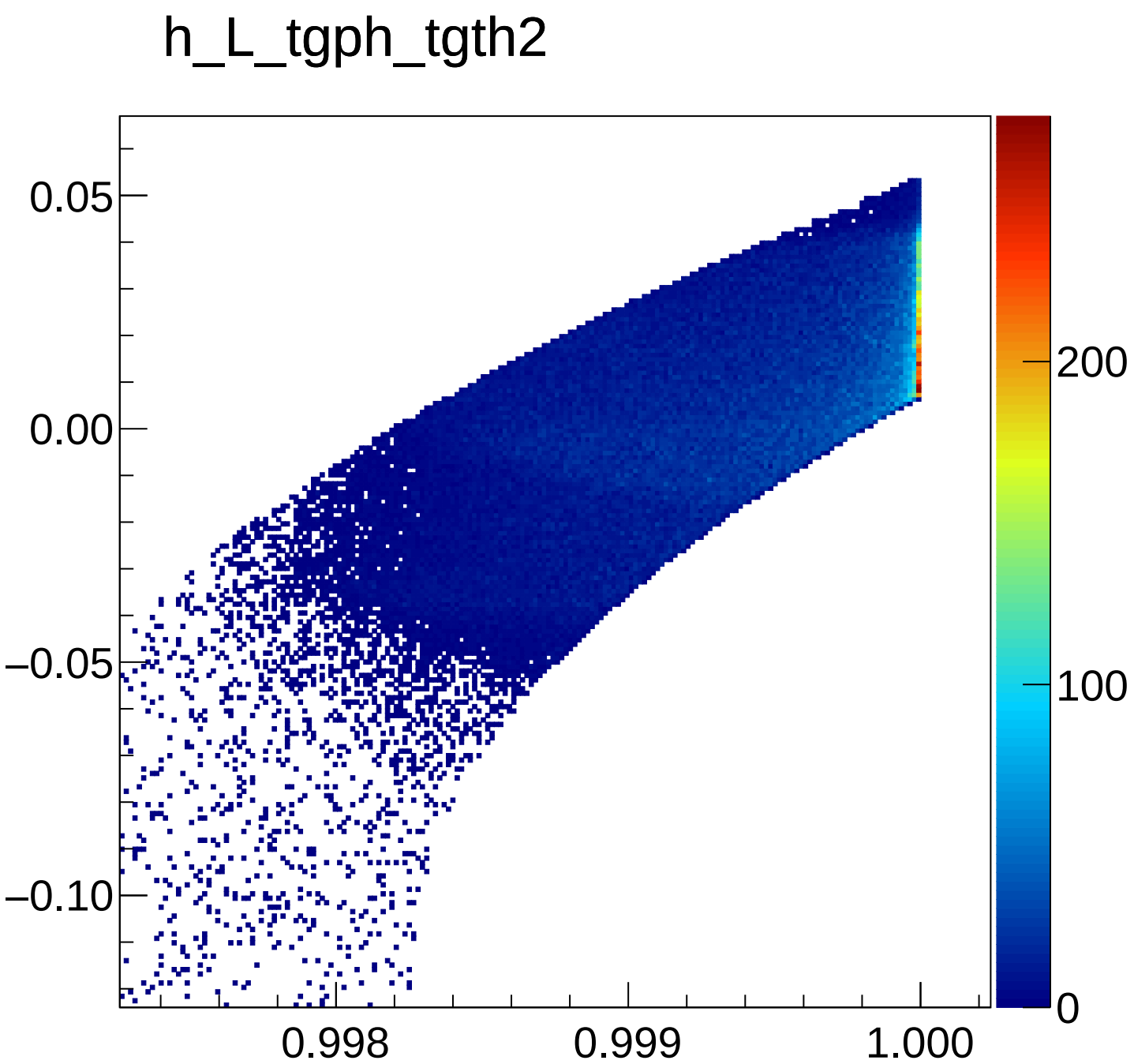

1.0
0.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5

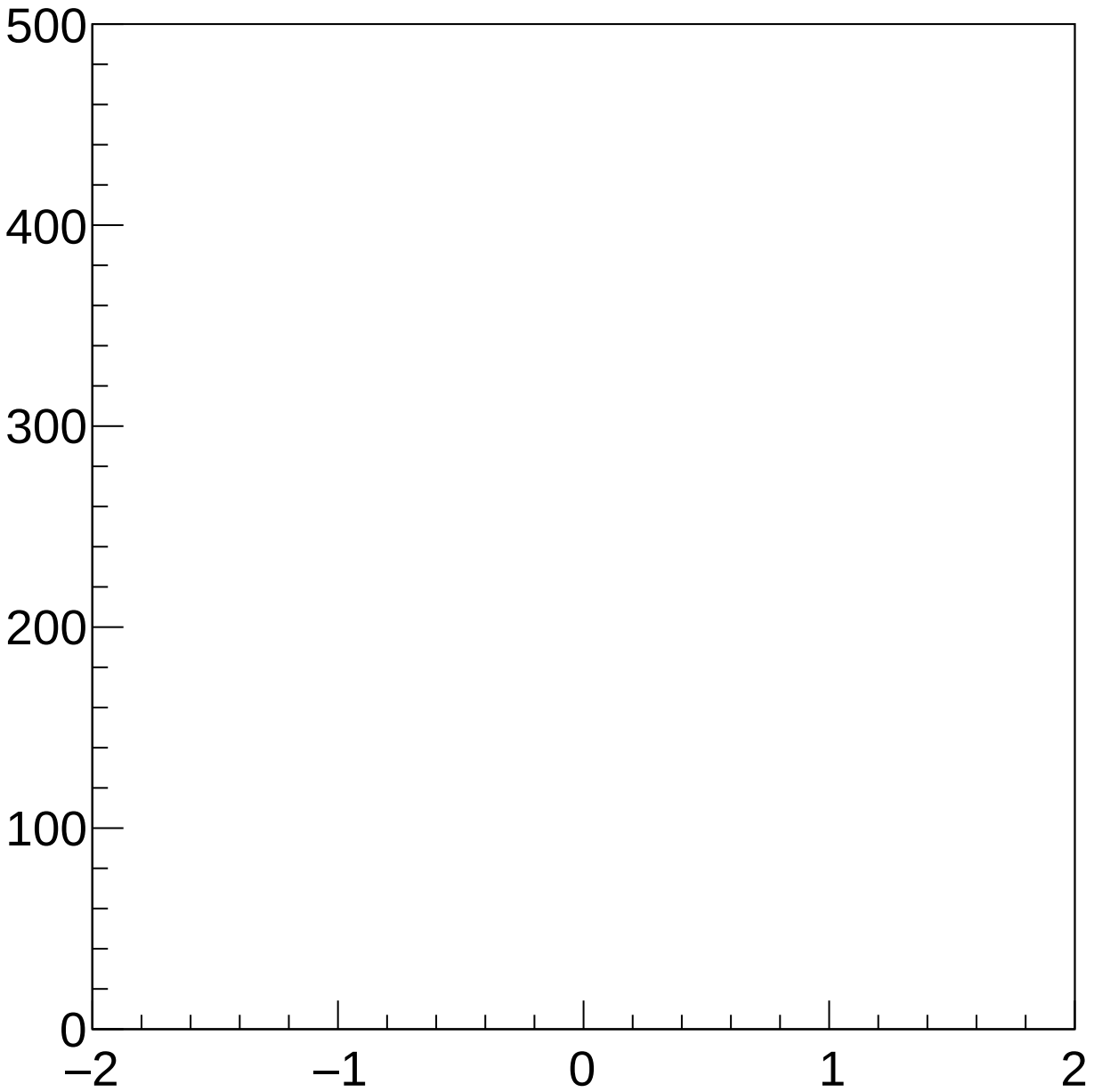

1.0
0.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5

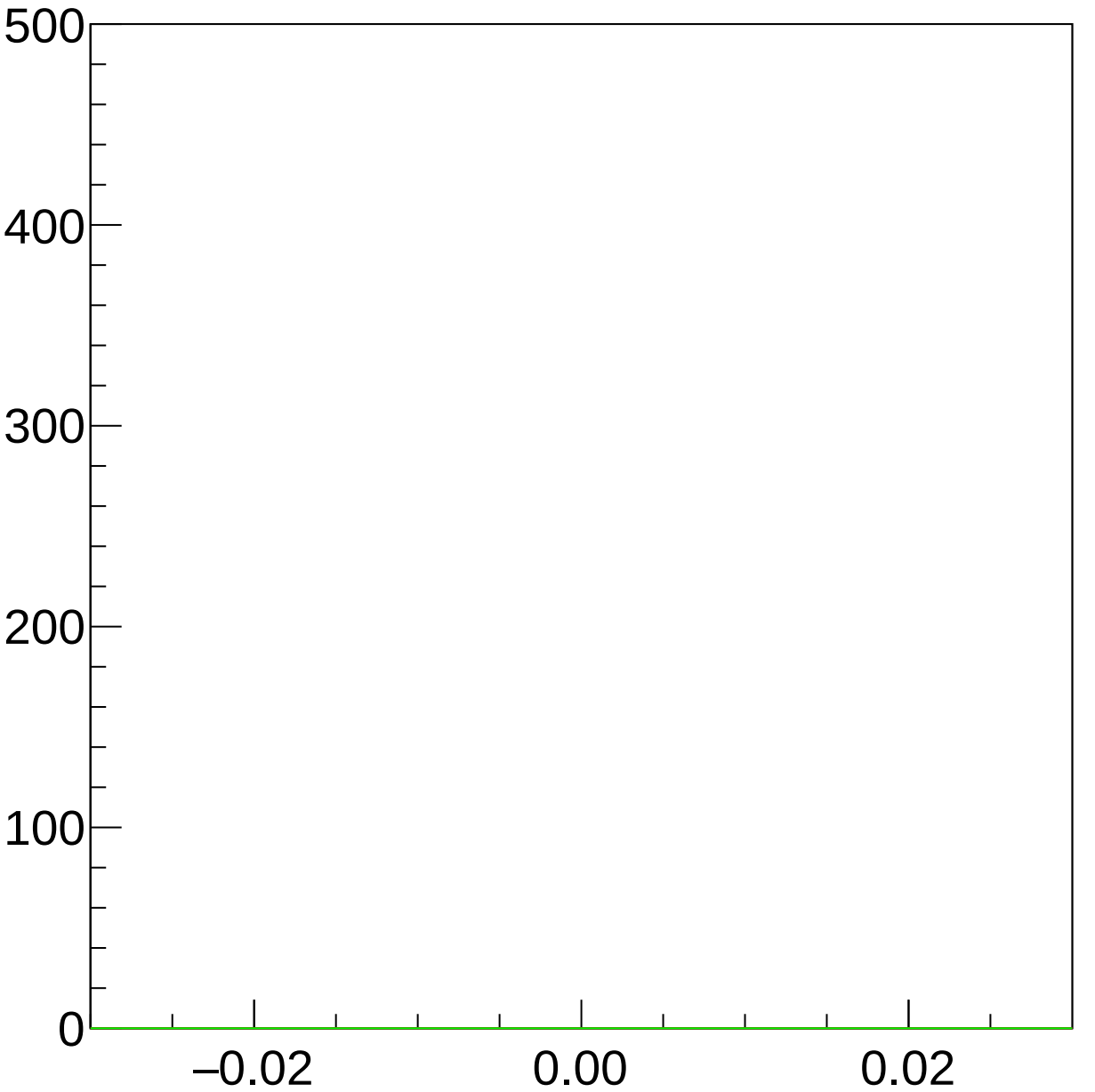

h_theta_ee
1000
500
0
0.0
0.1
0.2
0.3


Mass Square
Counts
400
300
200
100
0
0
1
2
M² (GeV²/c⁴

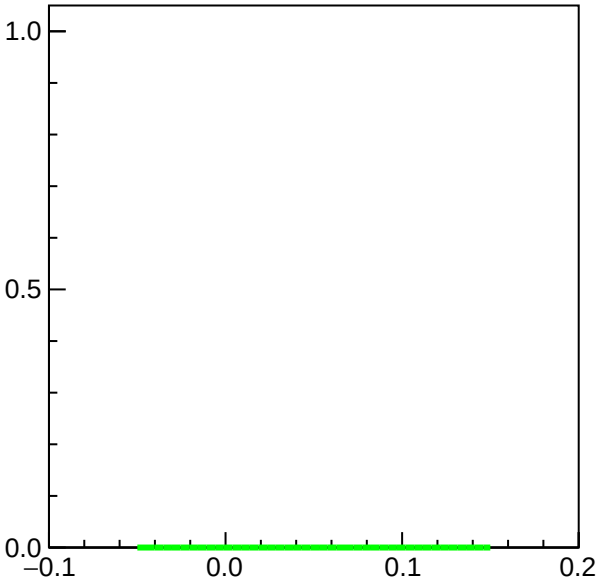

Target ϕ v.s θ
0.05
0.00
−0.05
ϕ_t (rad)
0.99999980
0.99999985
0.99999990
0.99999995
1.00000000
θ_t (rad)
3.0
2.5
2.0
1.5
1.0


h_L_tgph_tgth2
0.05
0.00
−0.05
−0.10
0.998
0.999
1.000
200
100
0

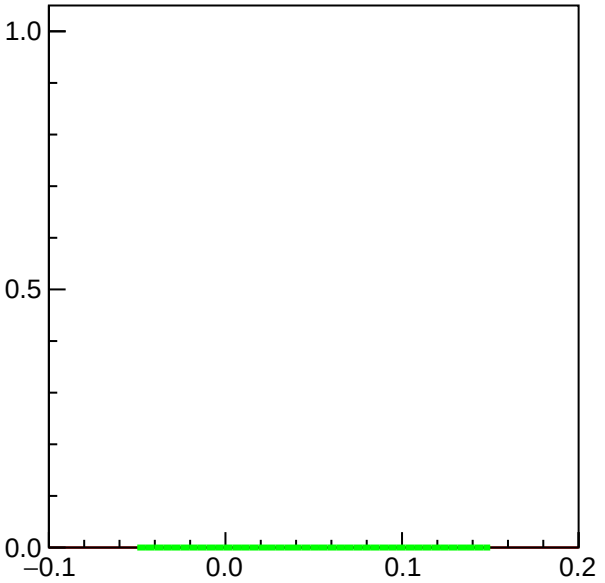

500
400
300
200
100
0
–2
–1
0
1
2


500
400
300
200
100
0
–0.02
0.00
0.02

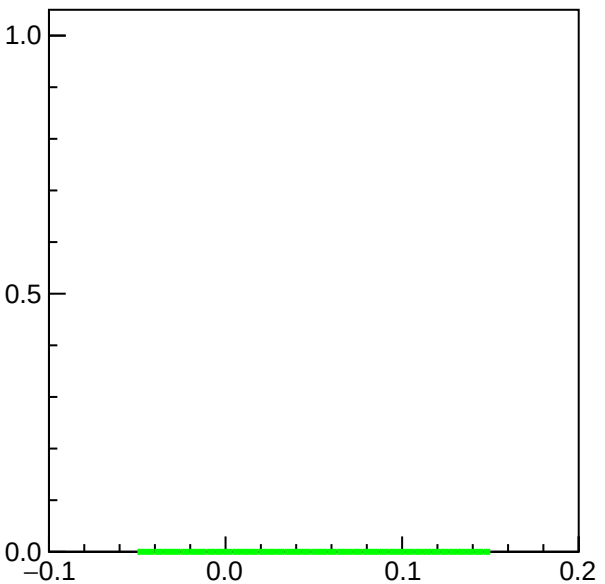
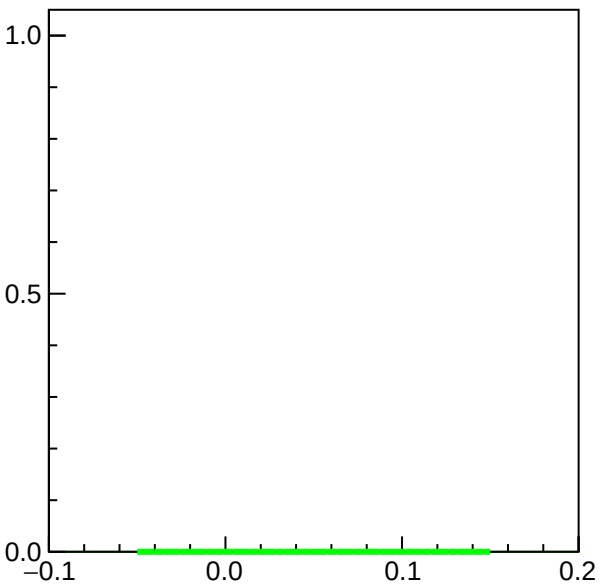
Missing Mass AC1<0.000000, 0.000000<AC2<0.000000 cut



Missing Mass AC1<5.000000, 0.000000<AC2<0.000000 cut



Missing Mass AC1<12.500000, 0.000000<AC2<0.000000 cut



Missing Mass AC1<24.750000, 0.000000<AC2<0.000000 cut