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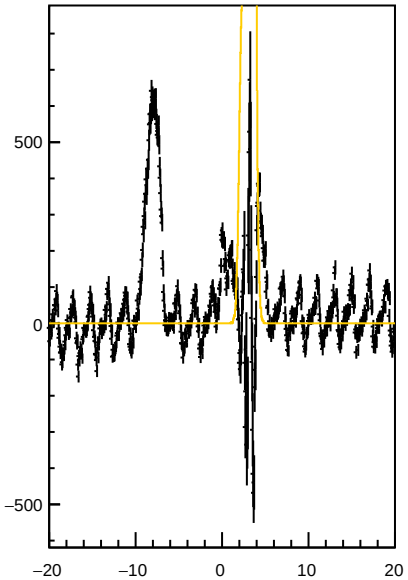
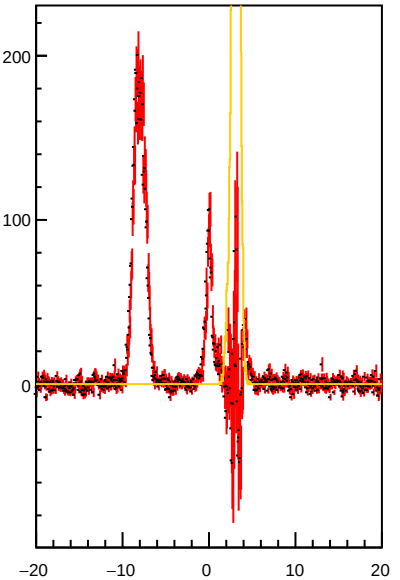


Cointime (Kaon) AC1<5.000000, 0.000000<AC2<0.000000 cut



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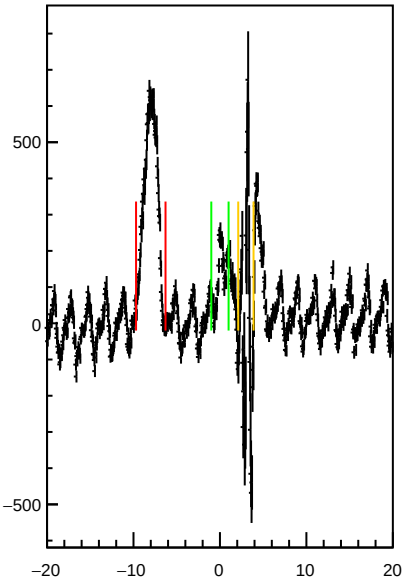

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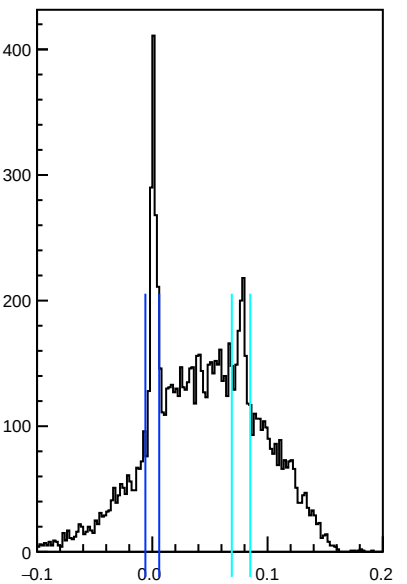
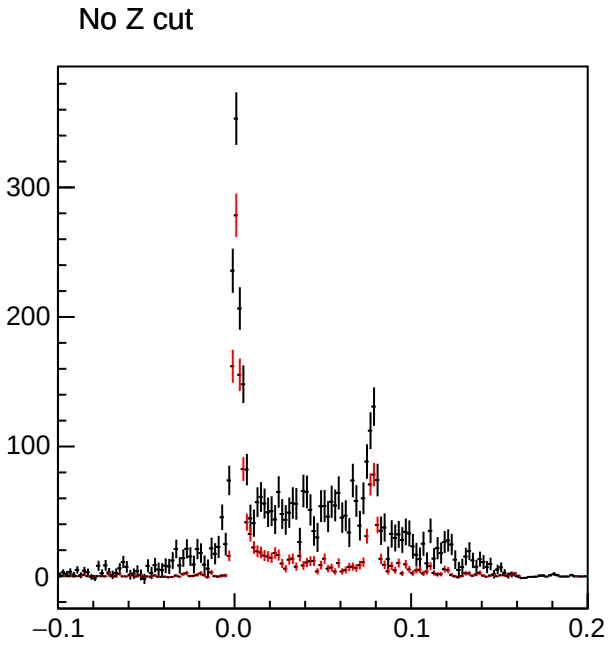
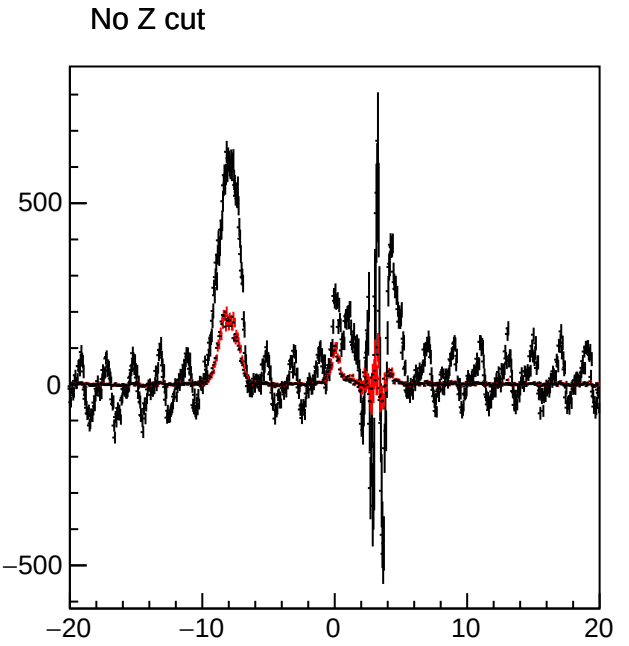



No Z cut
300
200
100
0
−0.1
0.0
0.1
0.2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500
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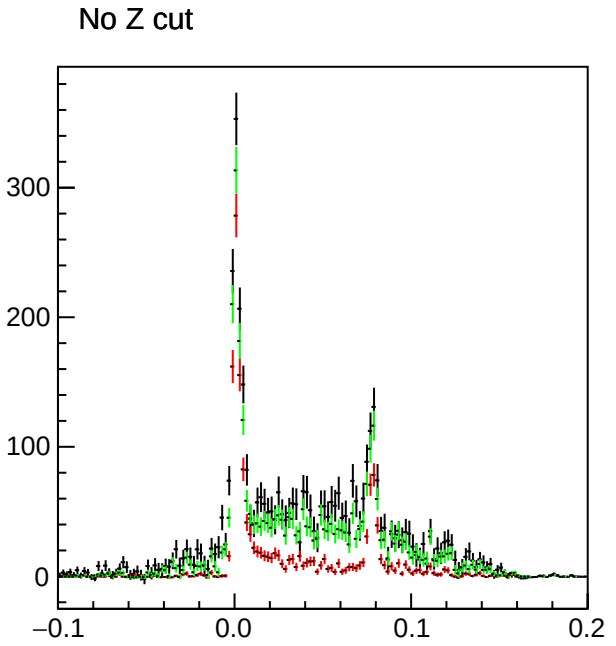
0
10
20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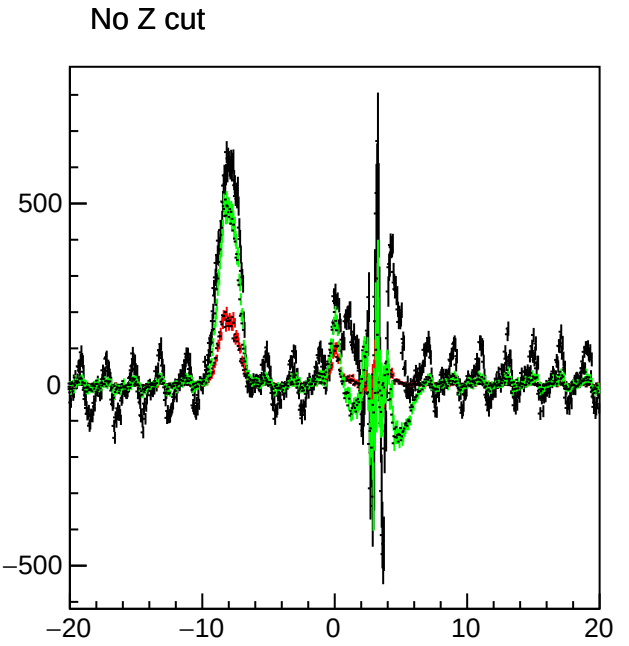
300
200
100
0
−0.1
0.0
0.1
0.2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−10
0
10
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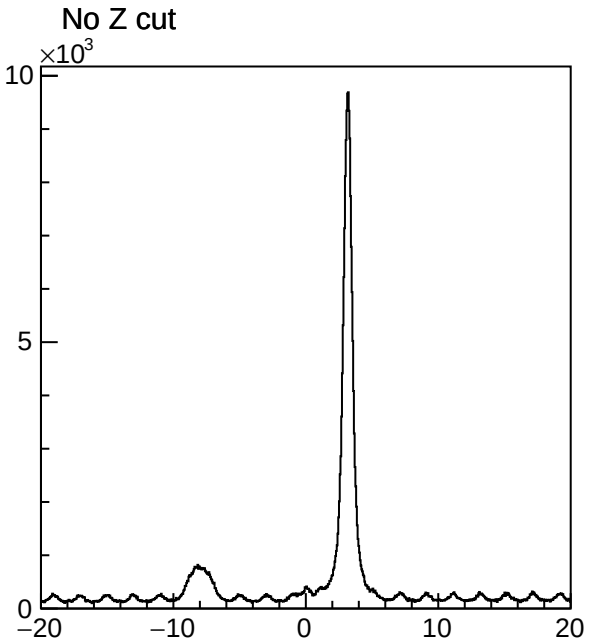
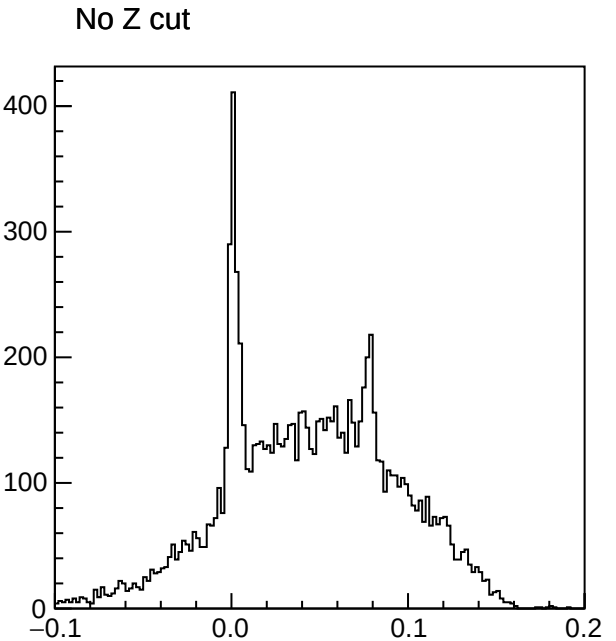
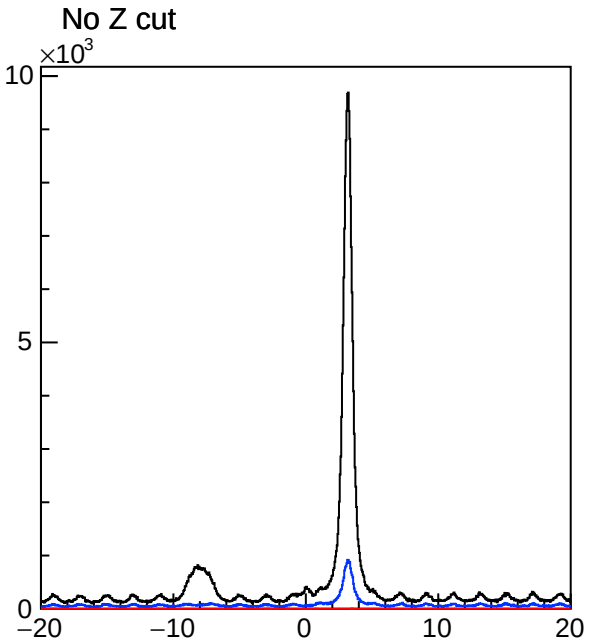
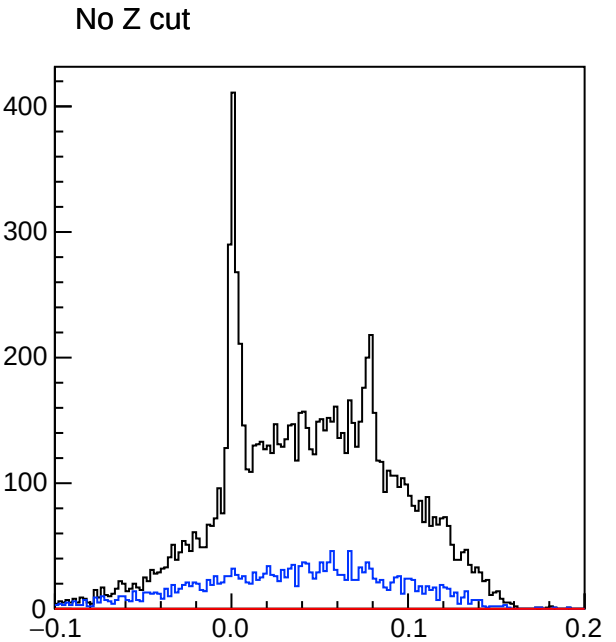
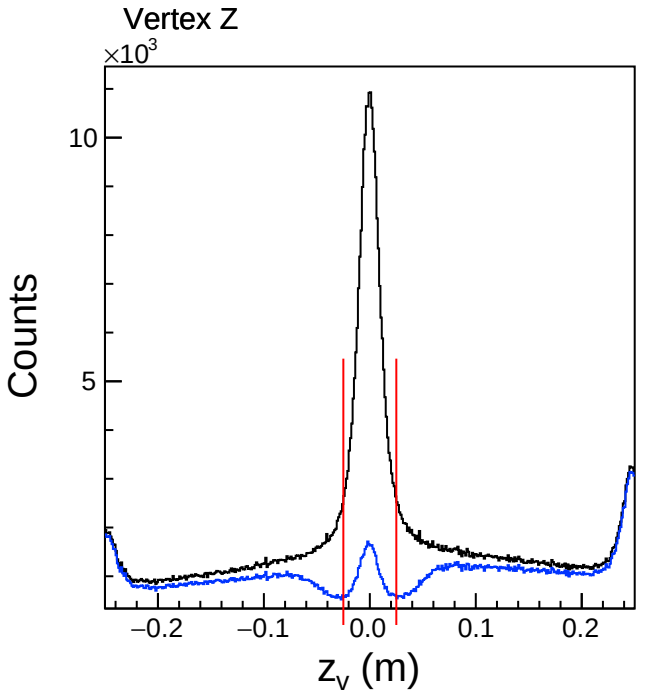
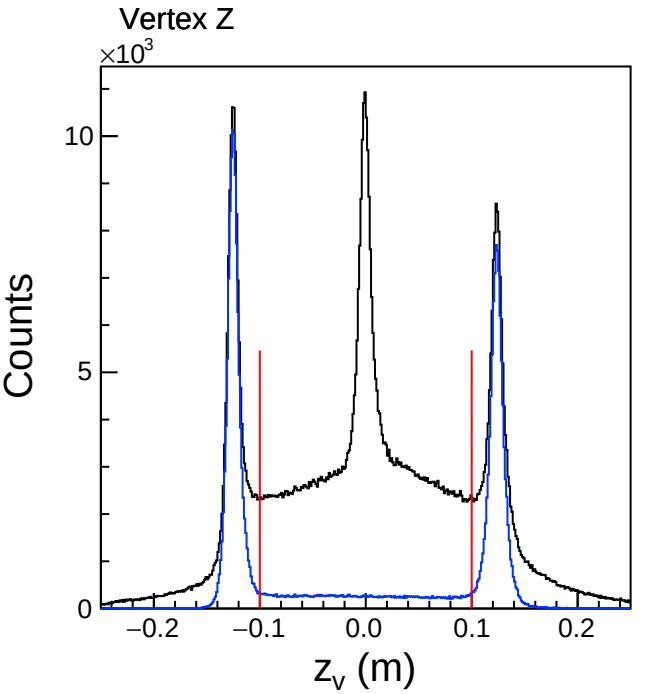

No Z cut
×10^3
10
5
0
−20
−10
0
10
20

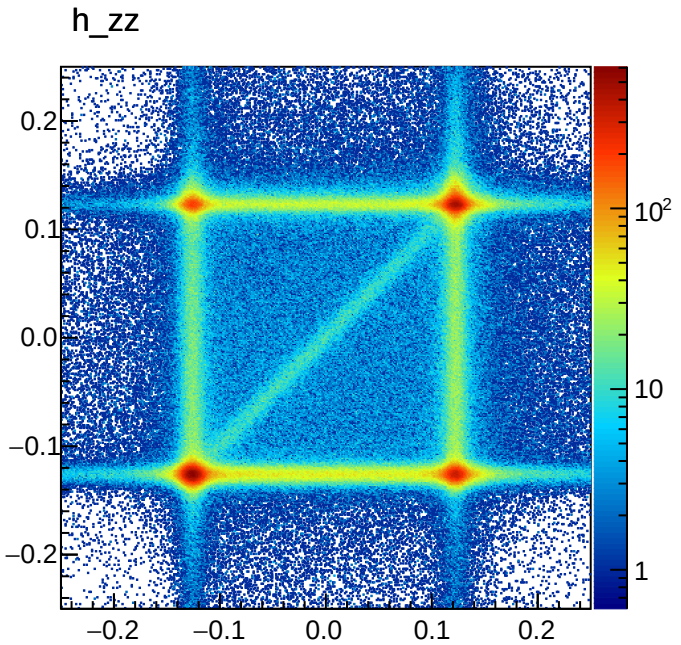

No Z cut
400
300
200
100
0
−0.1
0.0
0.1
0.2

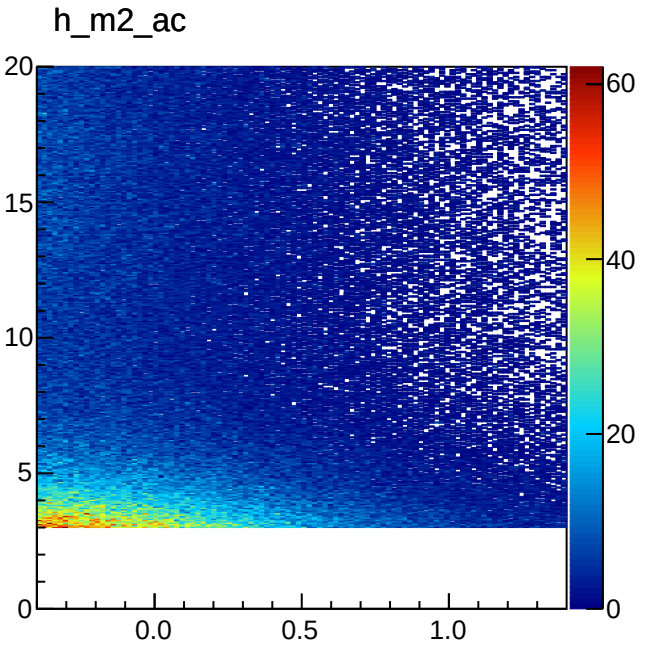

No Z cut
×10^3
10
5
0
−20
−10
0
10
20

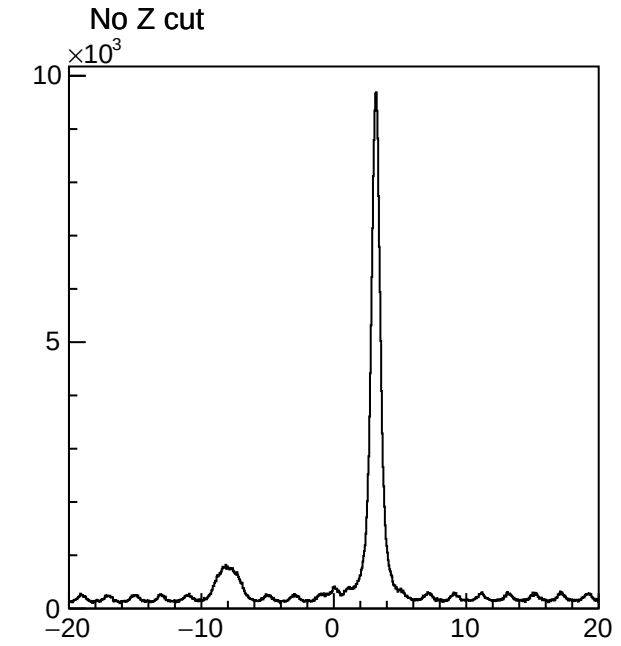

No Z cut
400
300
200
100
0
−0.1
0.0
0.1
0.2

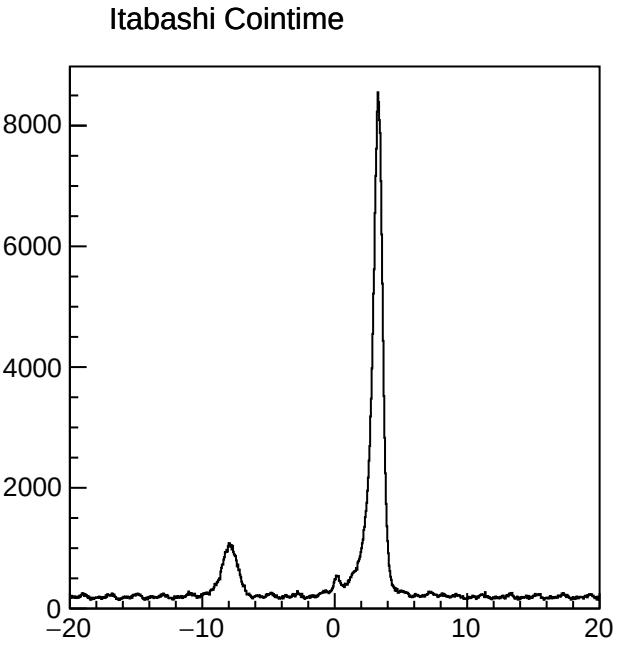

Vertex Z
×10^3
10
5
Counts
−0.2
−0.1
0.0
0.1
0.2
z_v (m)

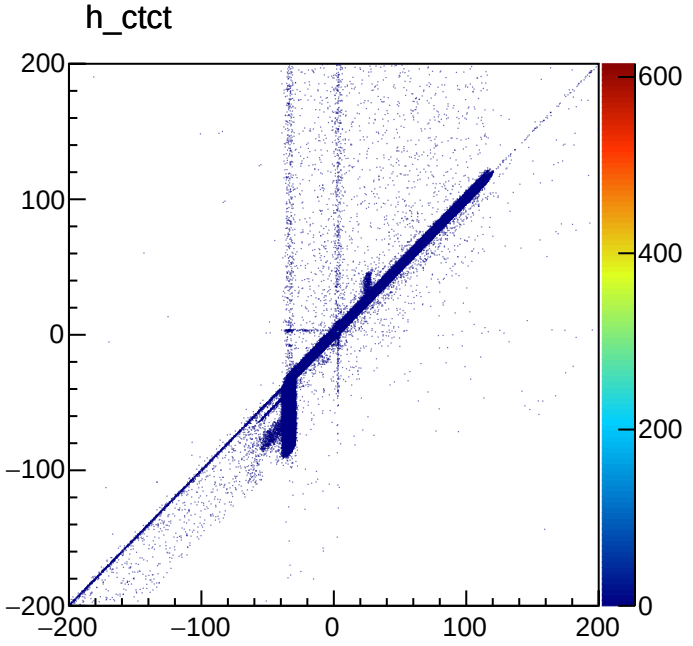

Vertex Z
×10^3
10
5
0
Counts
−0.2
−0.1
0.0
0.1
0.2
z_v (m)


h_zz
0.2
0.1
0.0
−0.1
−0.2
−0.2
−0.1
0.0
0.1
0.2
10^2
10
1


h_m2_ac
20
15
10
5
0
0.0
0.5
1.0
60
40
20
0


No Z cut
×10^3
10
5
0
−20
−10
0
10
20


Itabashi Cointime
8000
6000
4000
2000
0
−20
−10
0
10
20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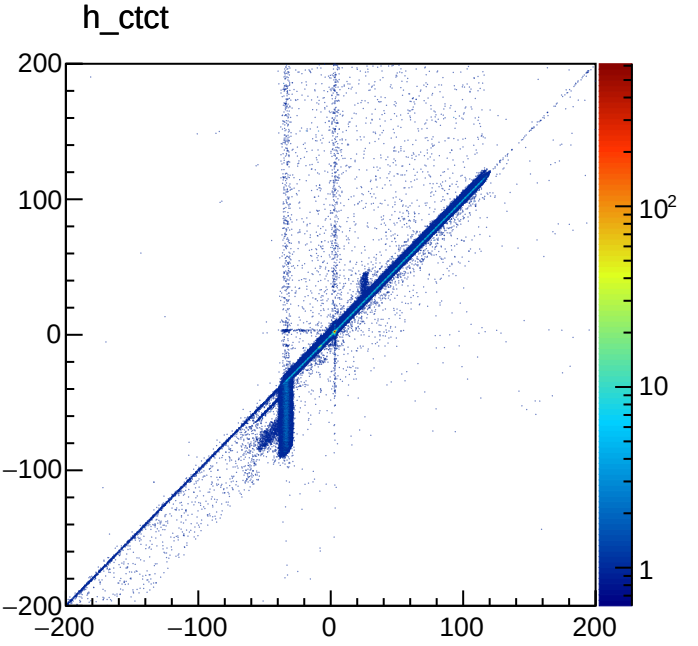
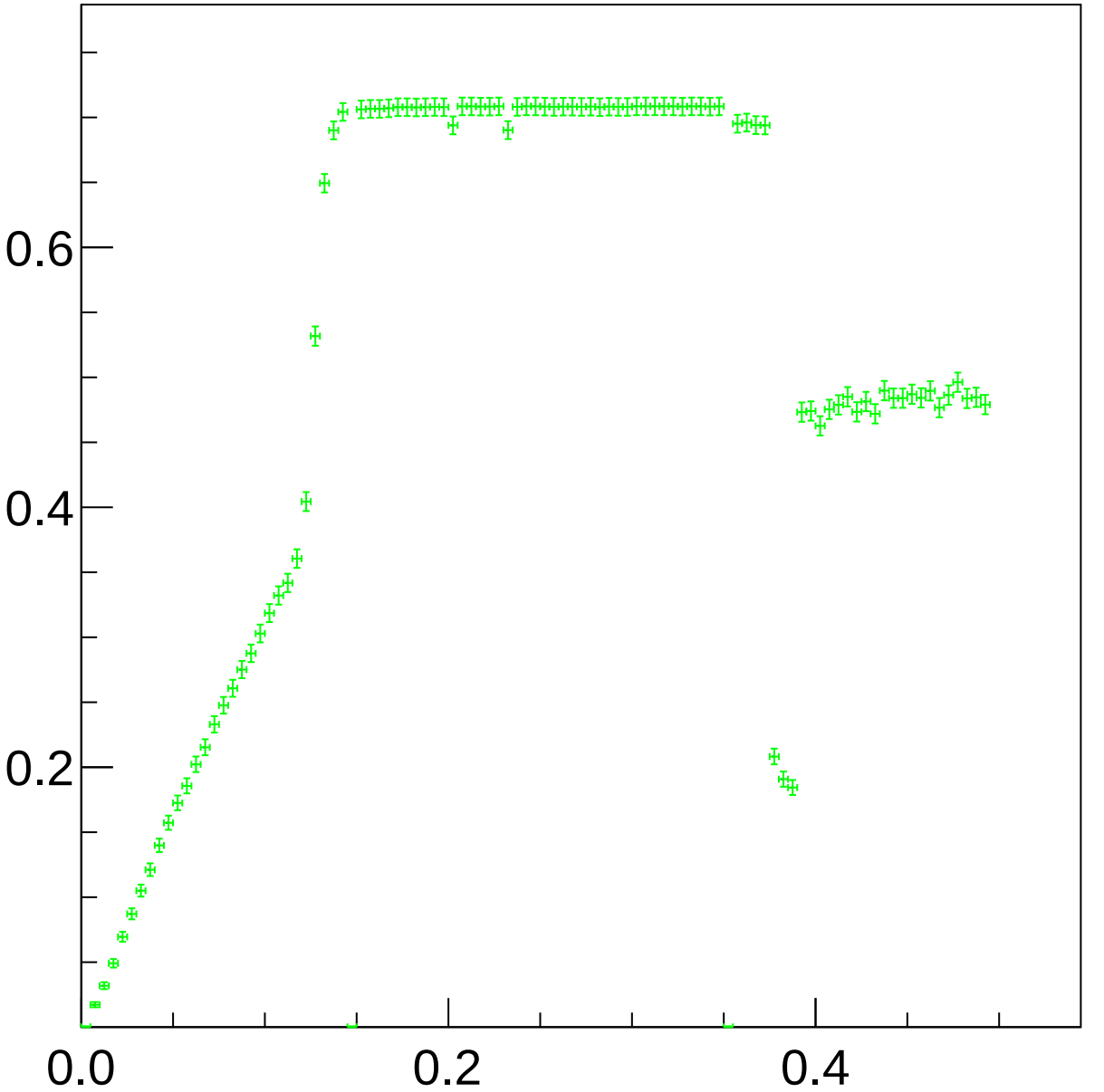
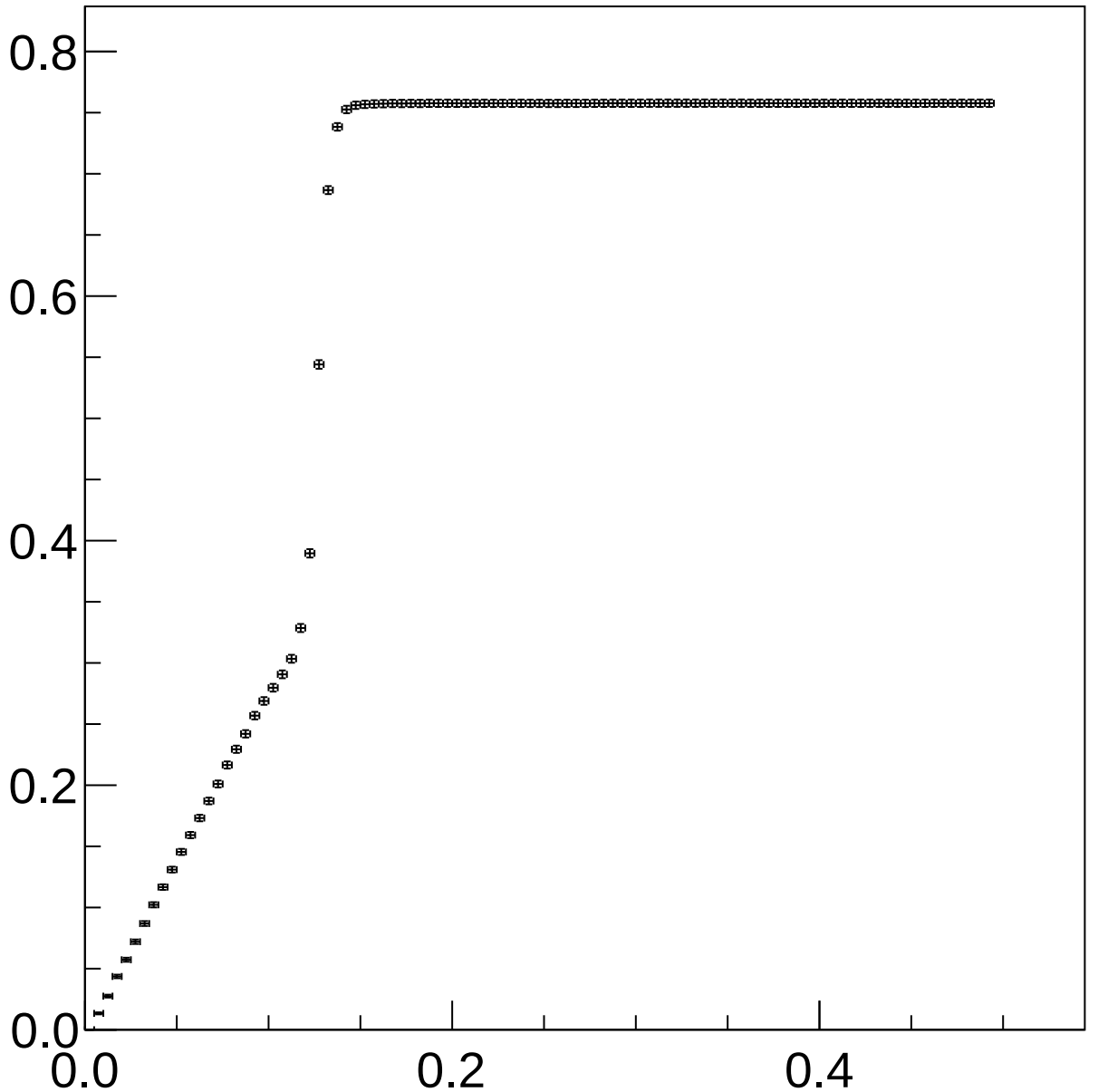
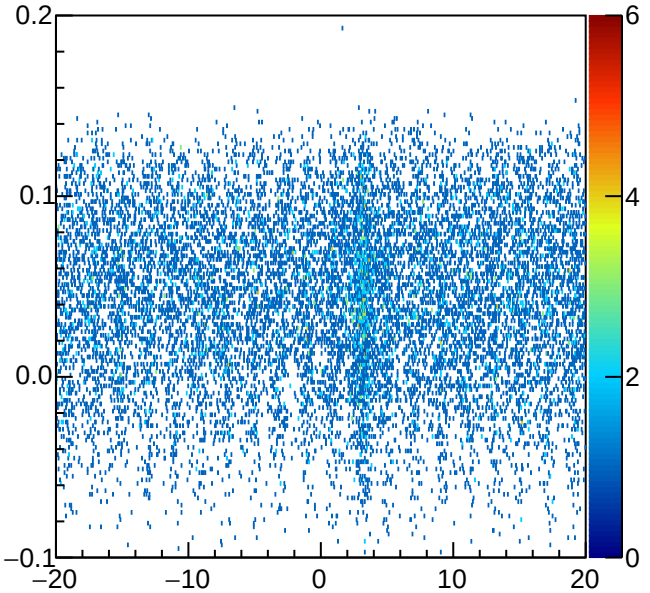
200
100
0
−100
−200
−200
−100
0
100
200
600
400
200
0


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

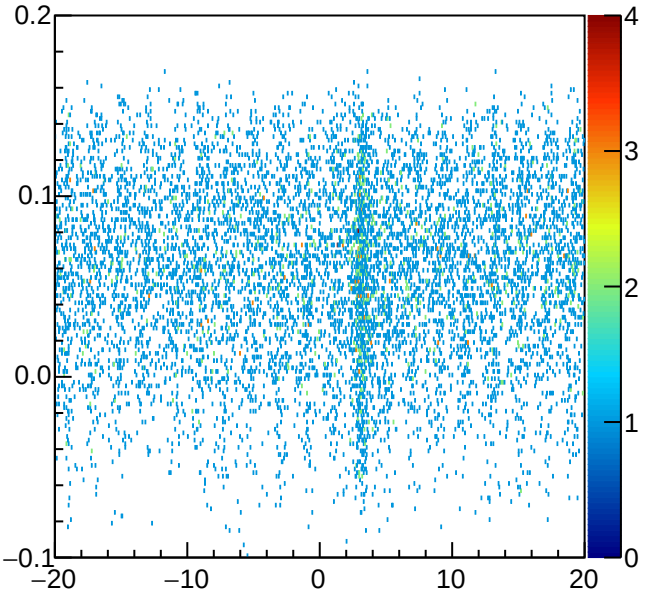

0.6
0.4
0.2
0.0
0.2
0.4


0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4

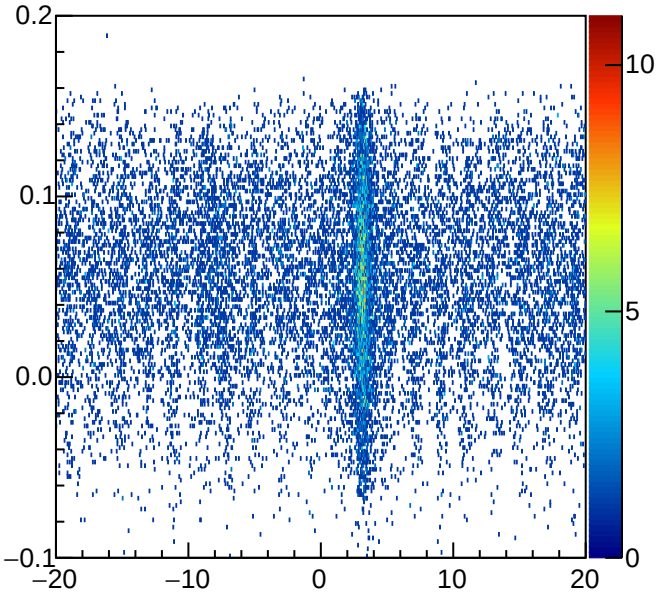
h_zz1



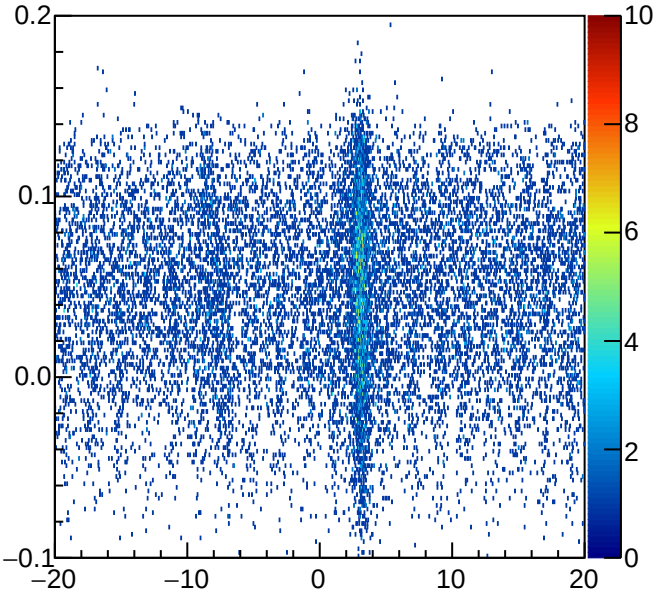
h_zz2



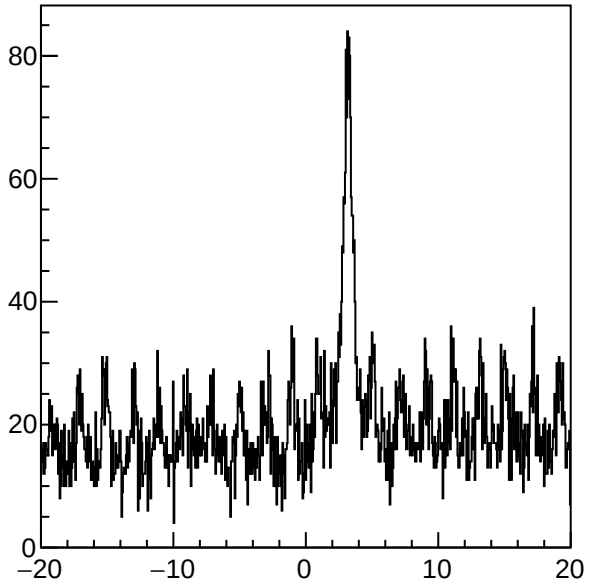
h_zz3



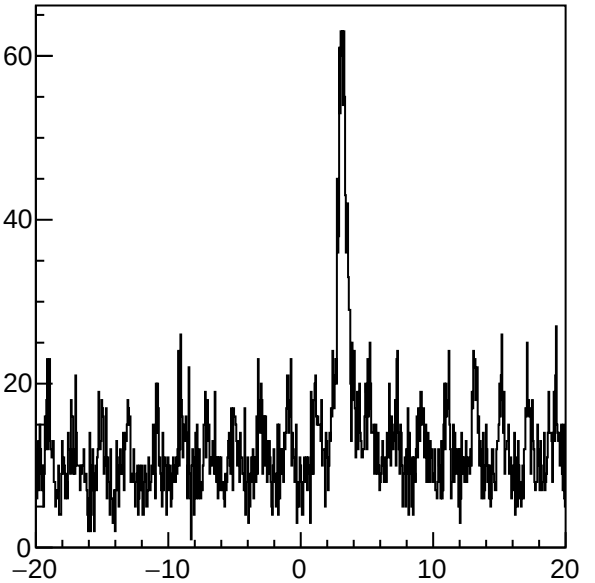
h_zz4



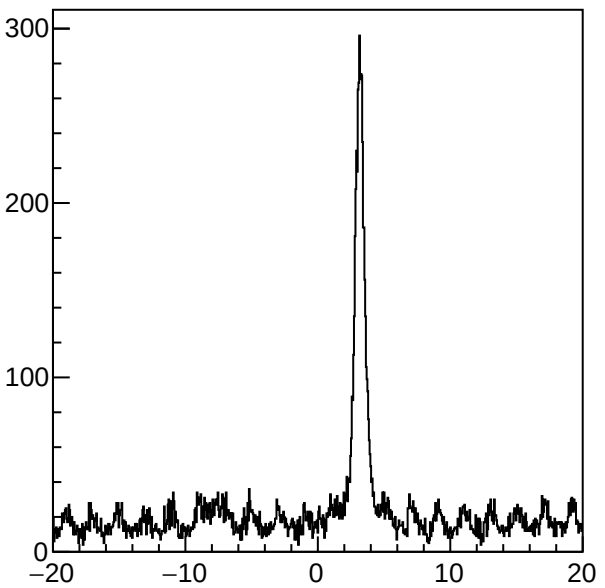
h_z1



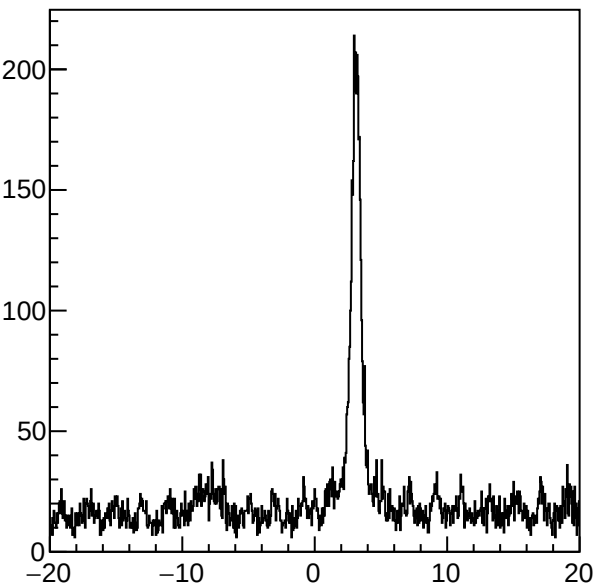
h_z2



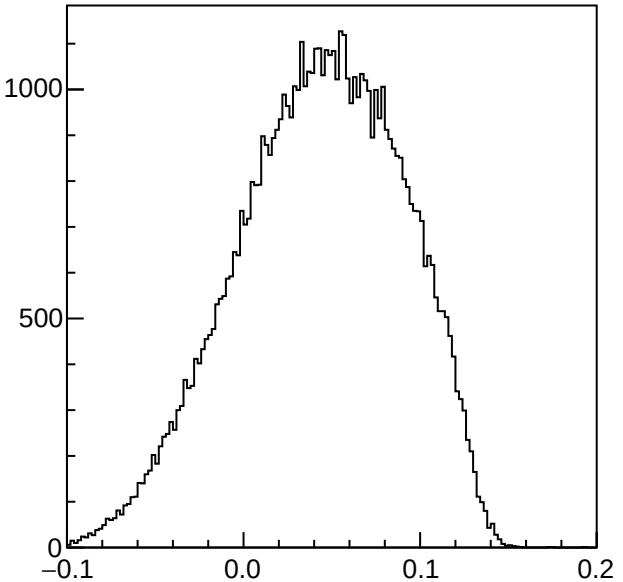
h_z3



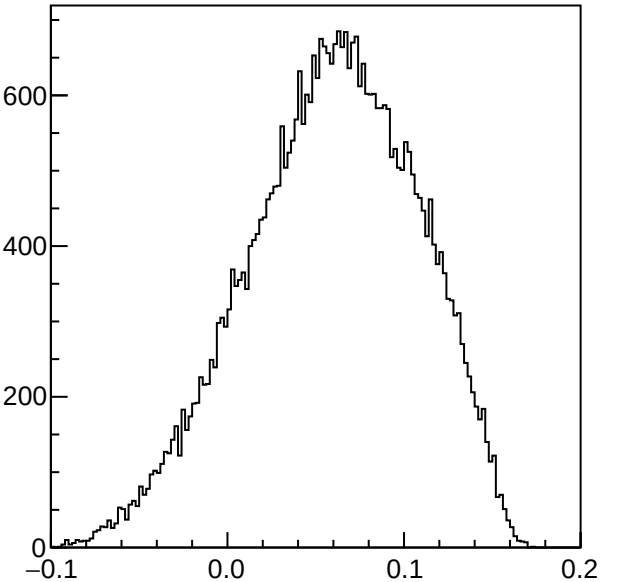
h_z4



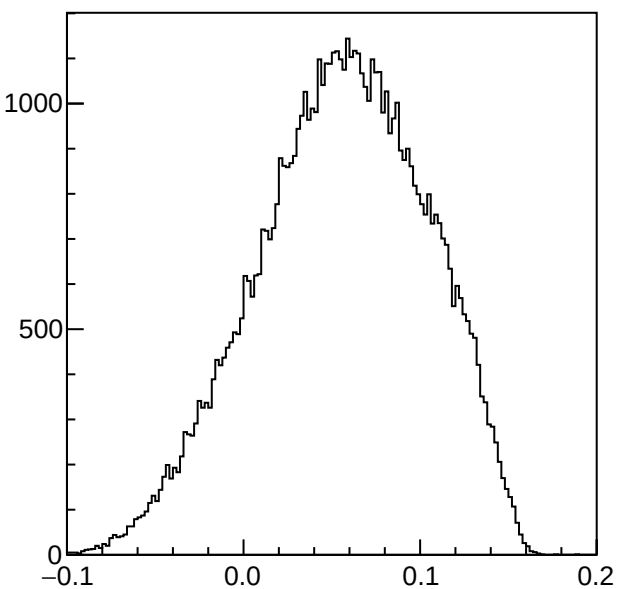
h_z11



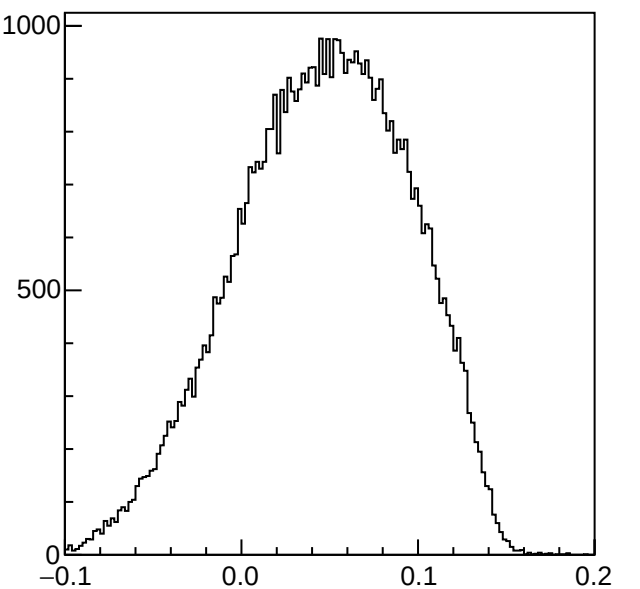
h_z22

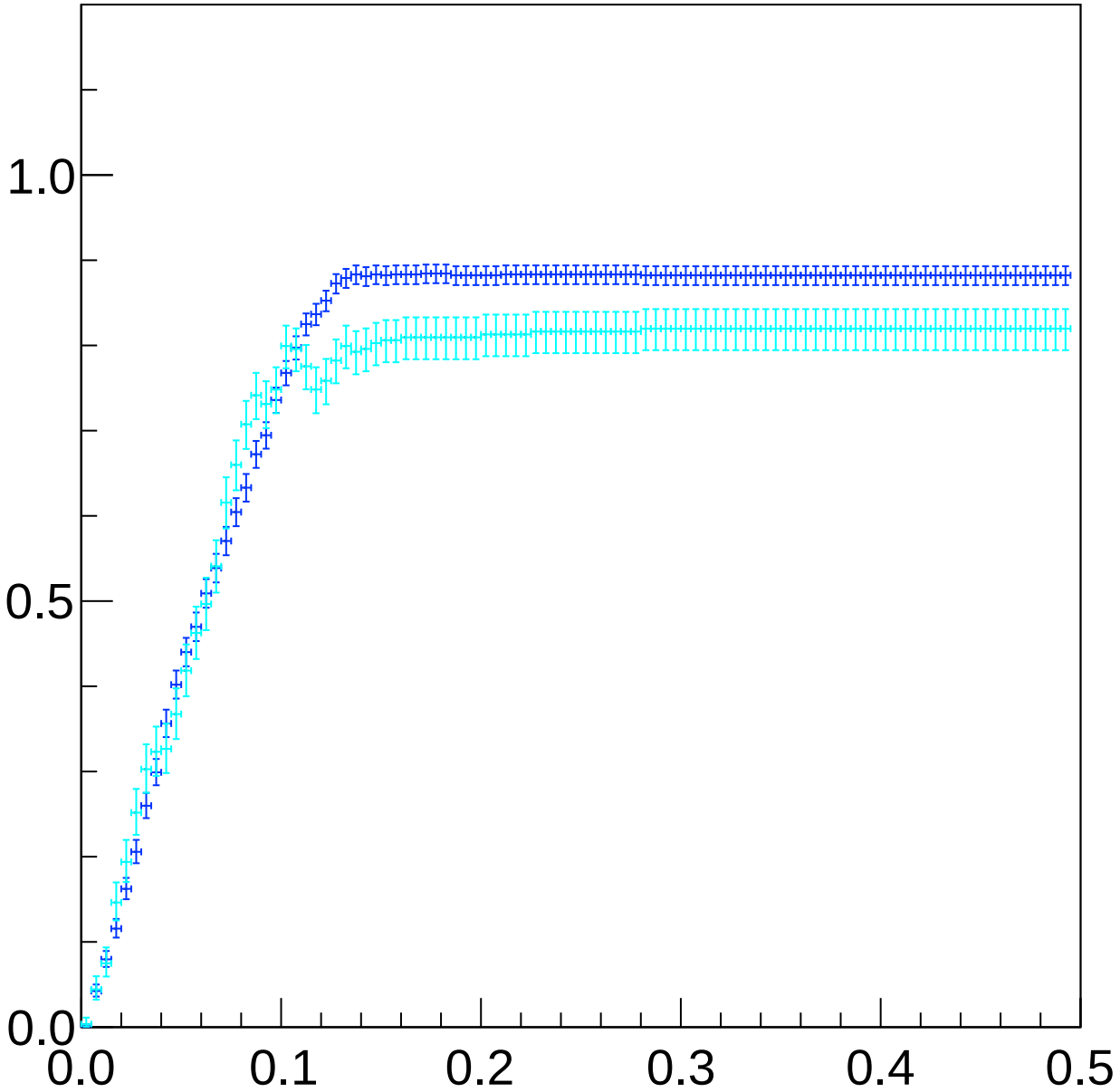


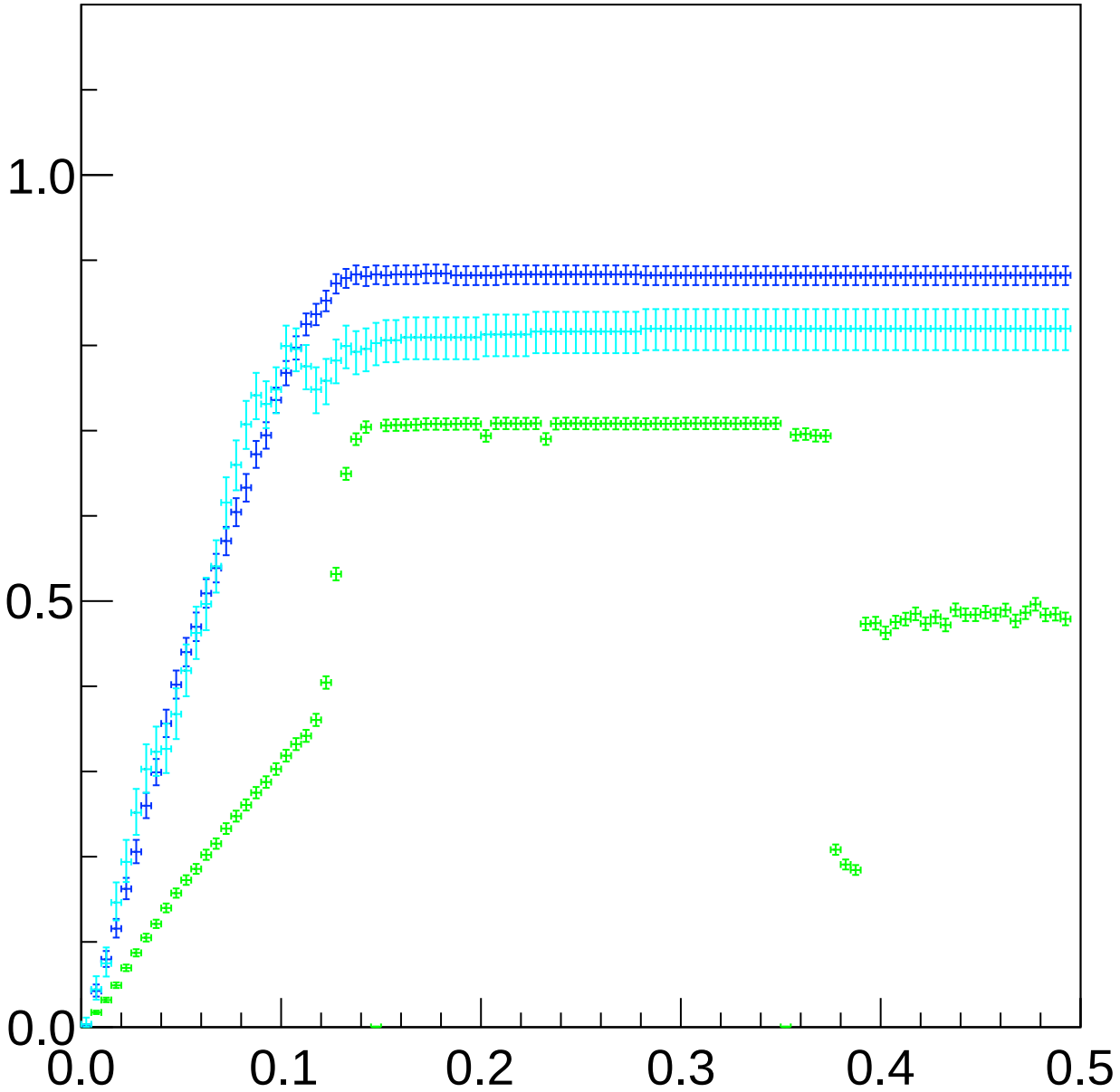
h_z33

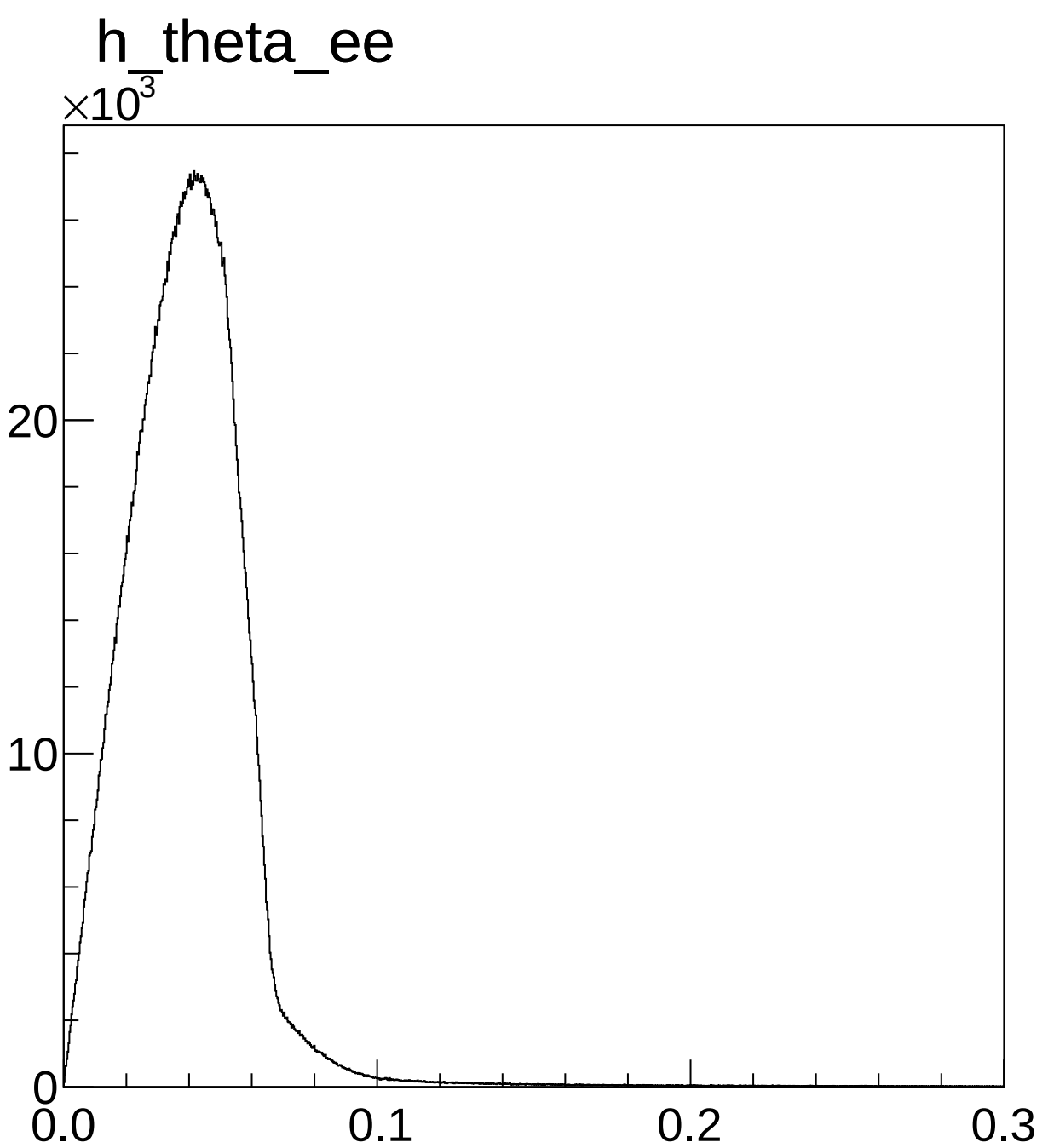


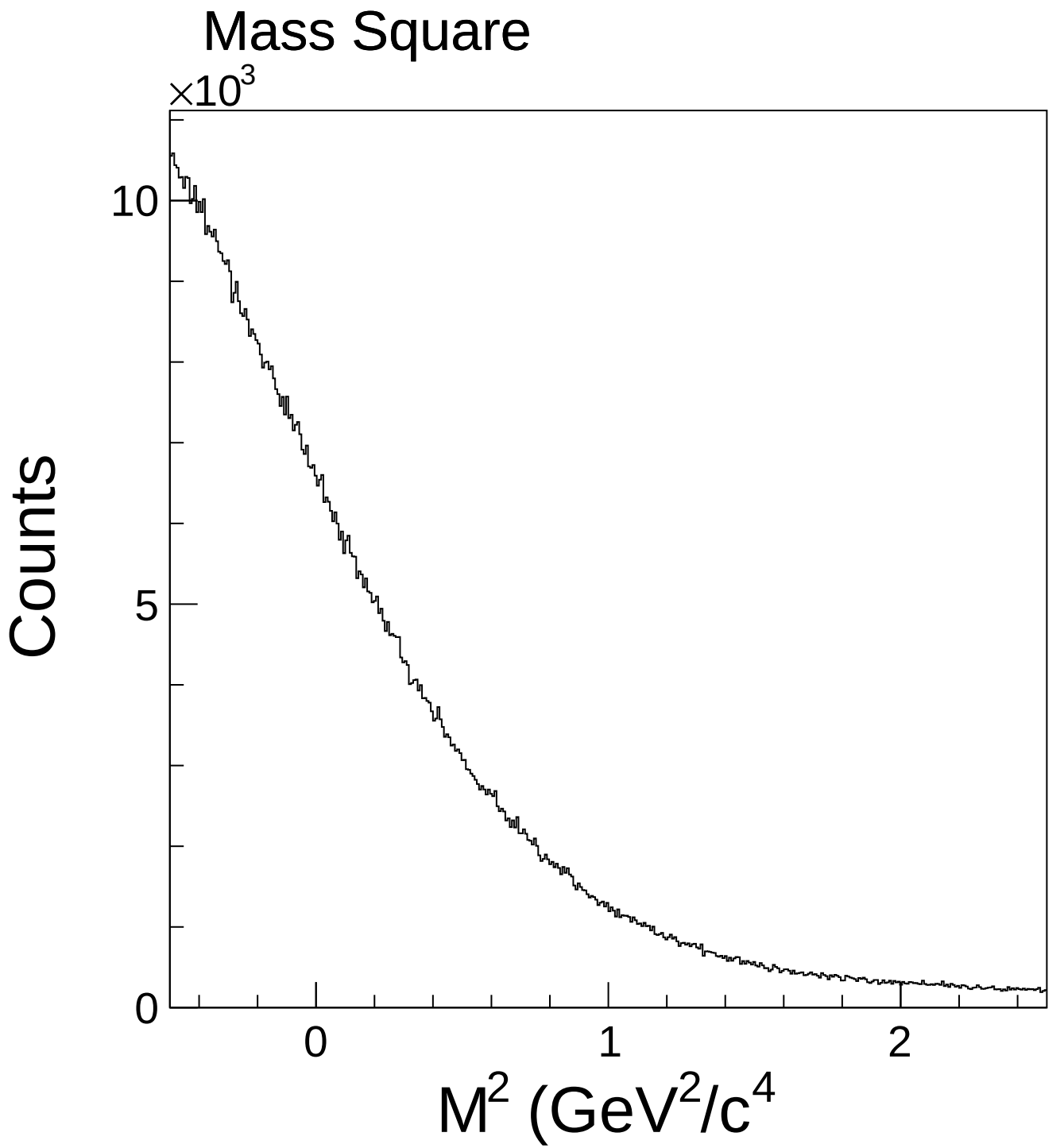
h_z44

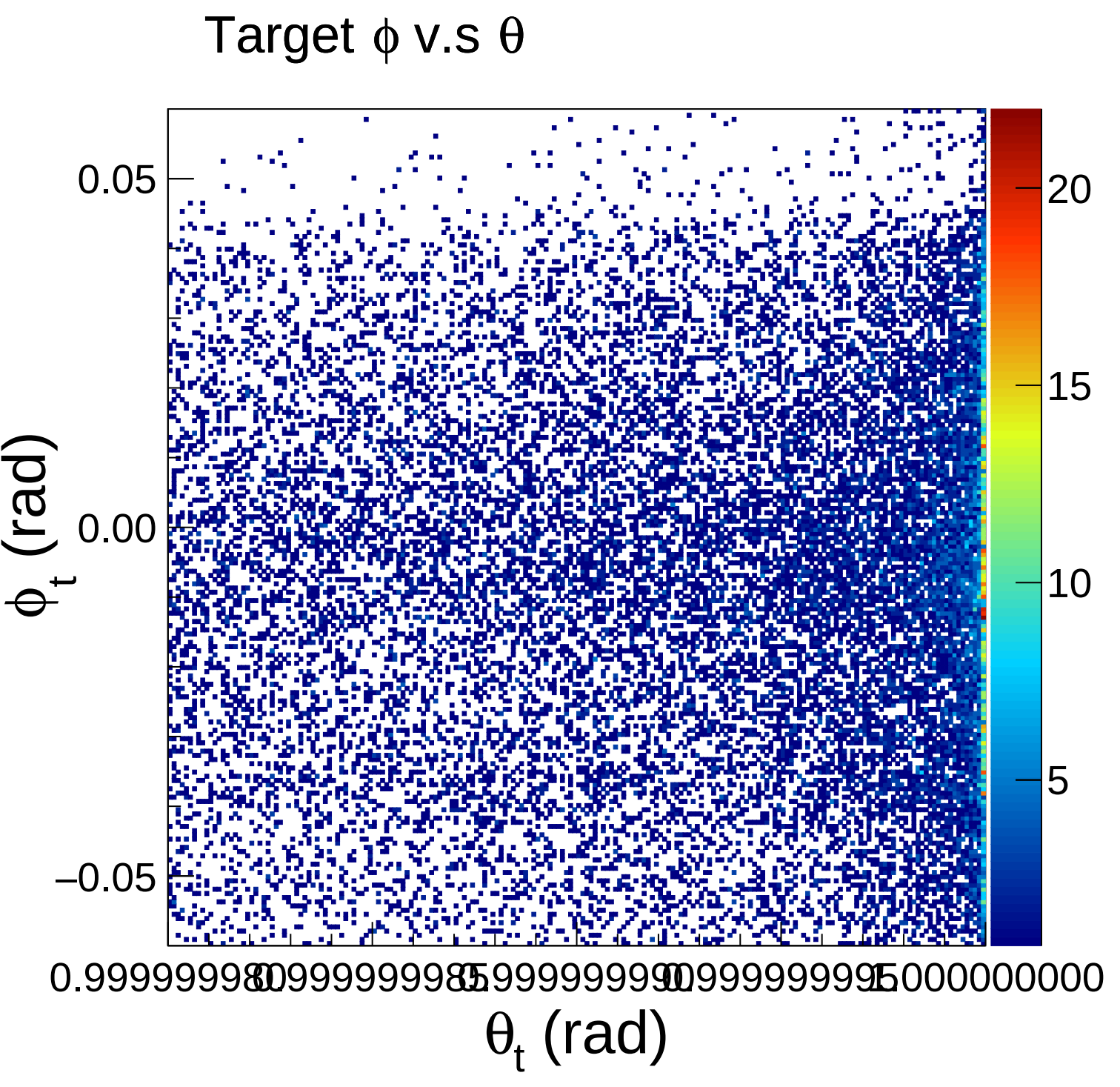


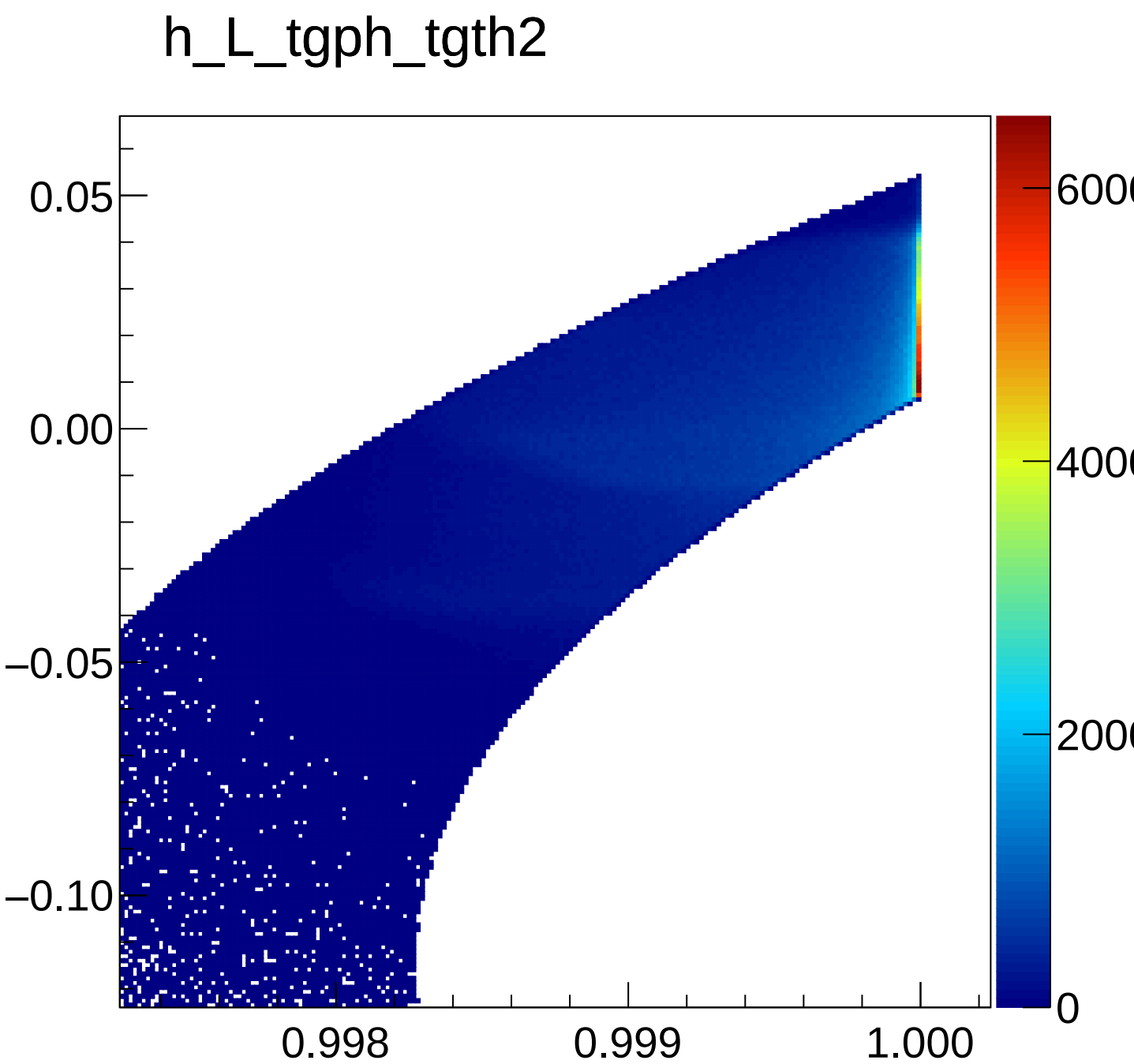

1.0
0.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5

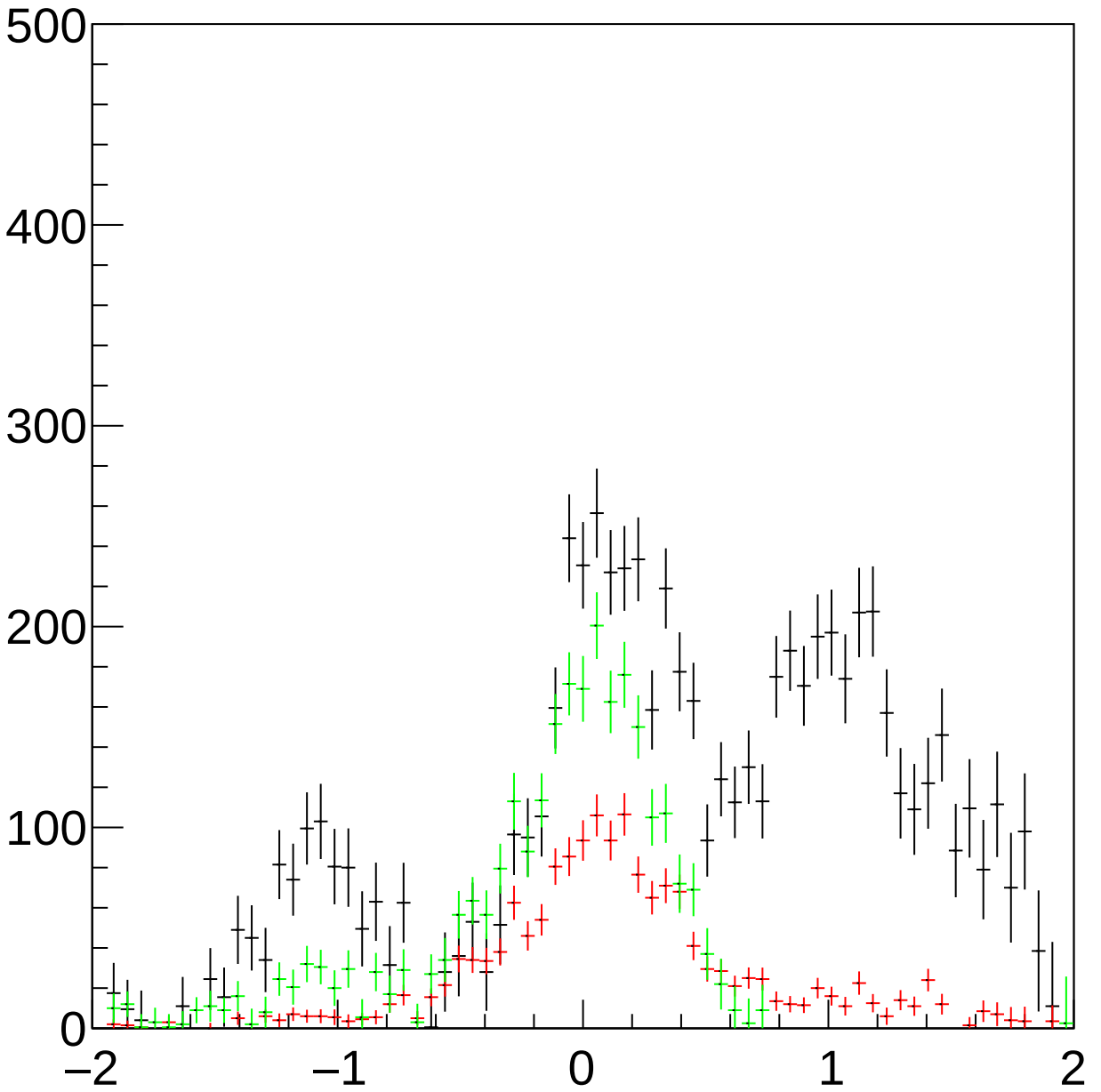

1.0
0.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5

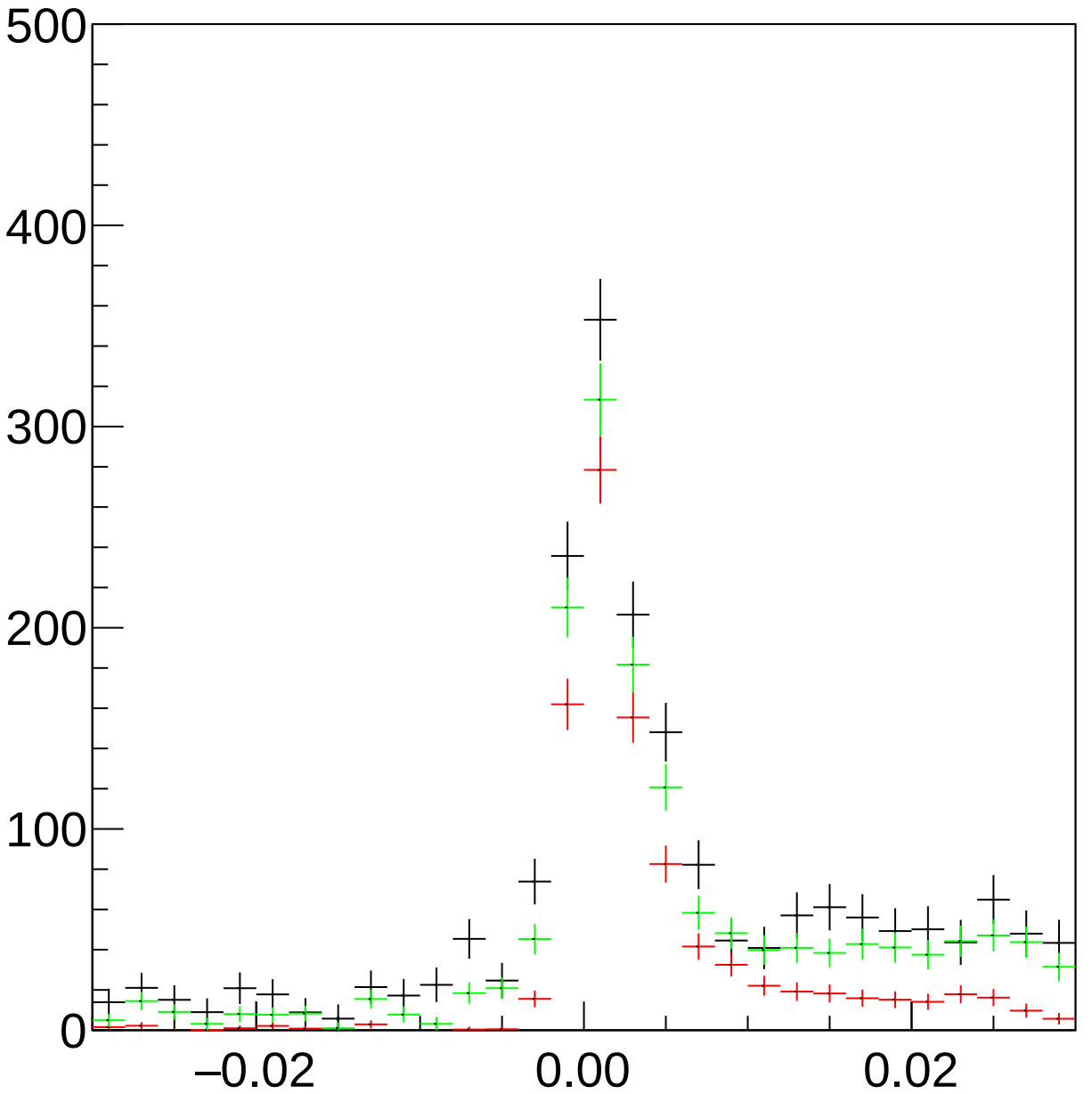

h_theta_ee
×10^3
20
10
0
0.0
0.1
0.2
0.3


Mass Square
×10^3
10
5
0
Counts
0
1
2
M^2 (GeV^2/c^4

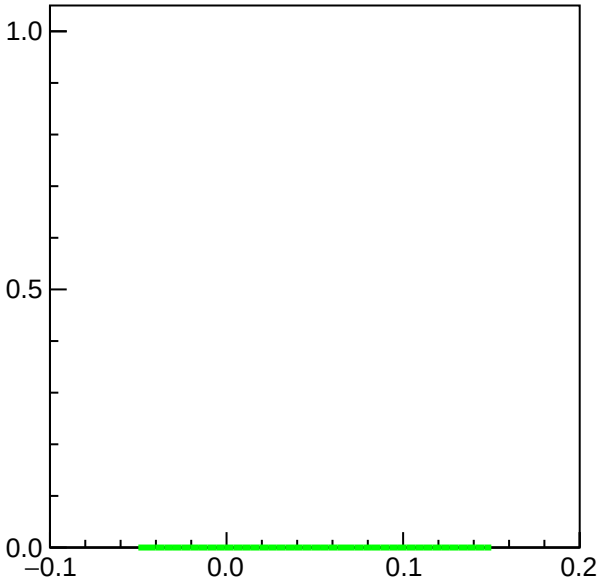

Target ϕ v.s θ
0.05
0.00
−0.05
ϕ_t (rad)
20
15
10
5
0.99999980
0.99999985
0.99999990
0.99999995
1.00000000
θ_t (rad)


h_L_tgph_tgth2
0.05
0.00
–0.05
–0.10
0.998
0.999
1.000
6000
4000
2000
0

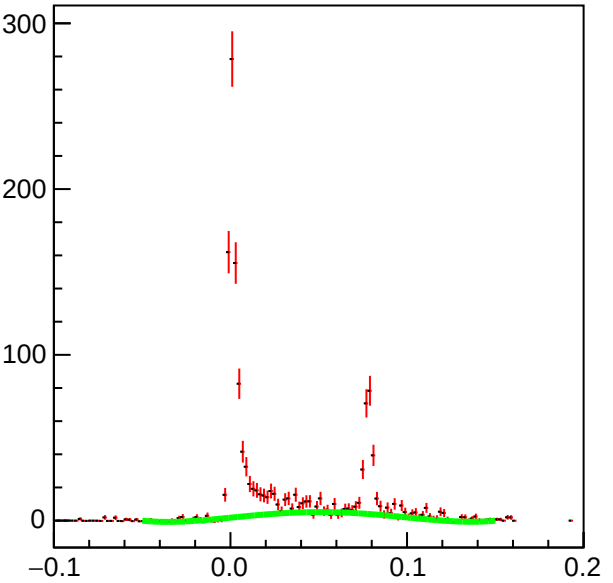

500
400
300
200
100
0
−2
−1
0
1
2


500
400
300
200
100
0
–0.02
0.00
0.02

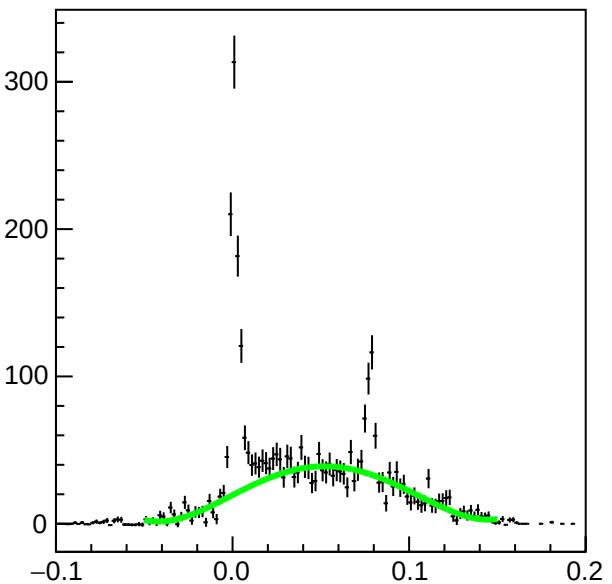
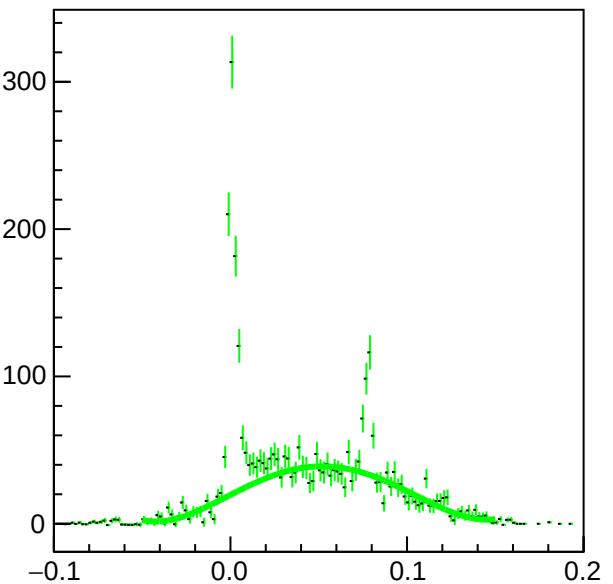
Missing Mass AC1<0.000000, 0.000000<AC2<0.000000 cut



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