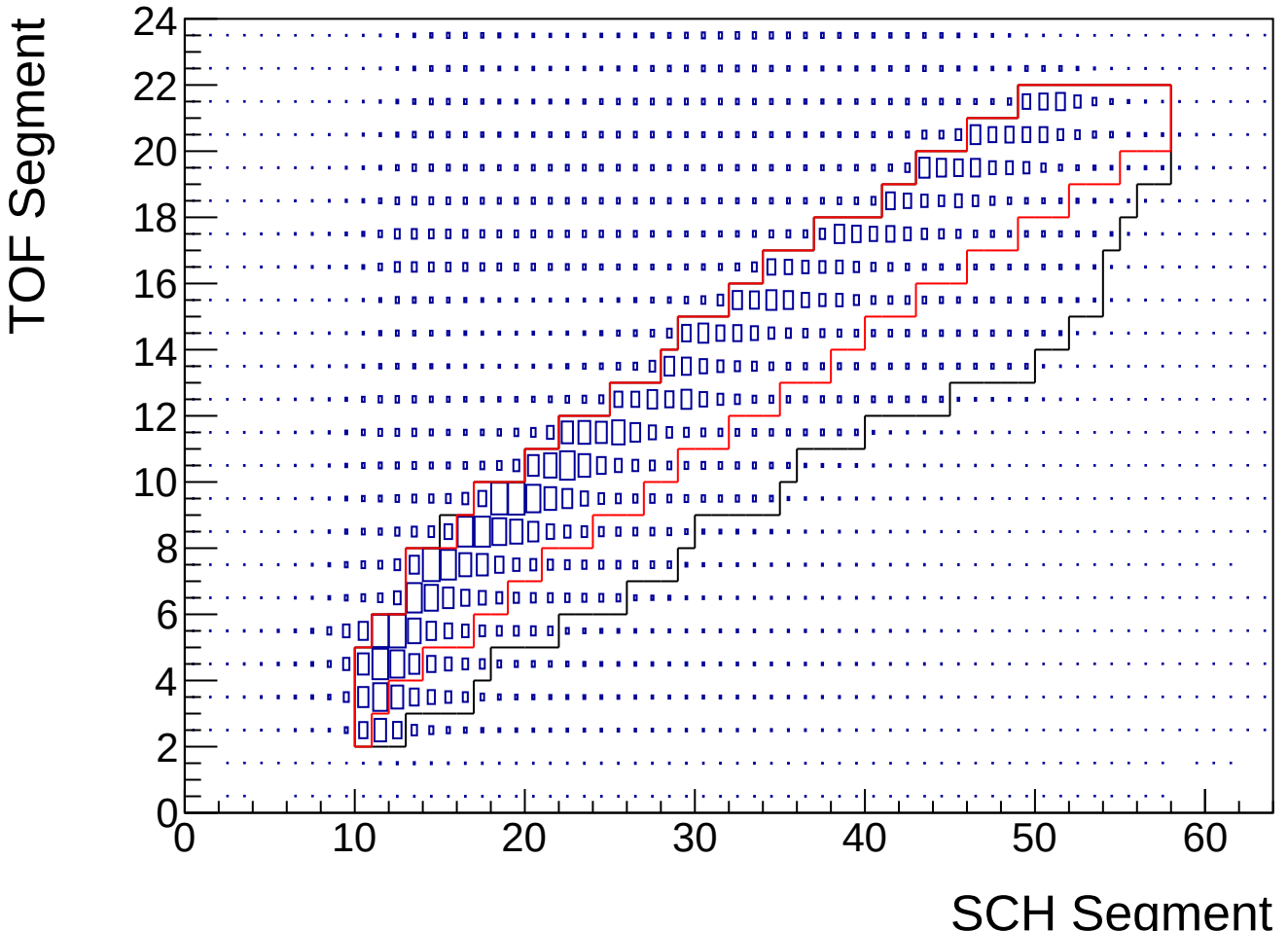
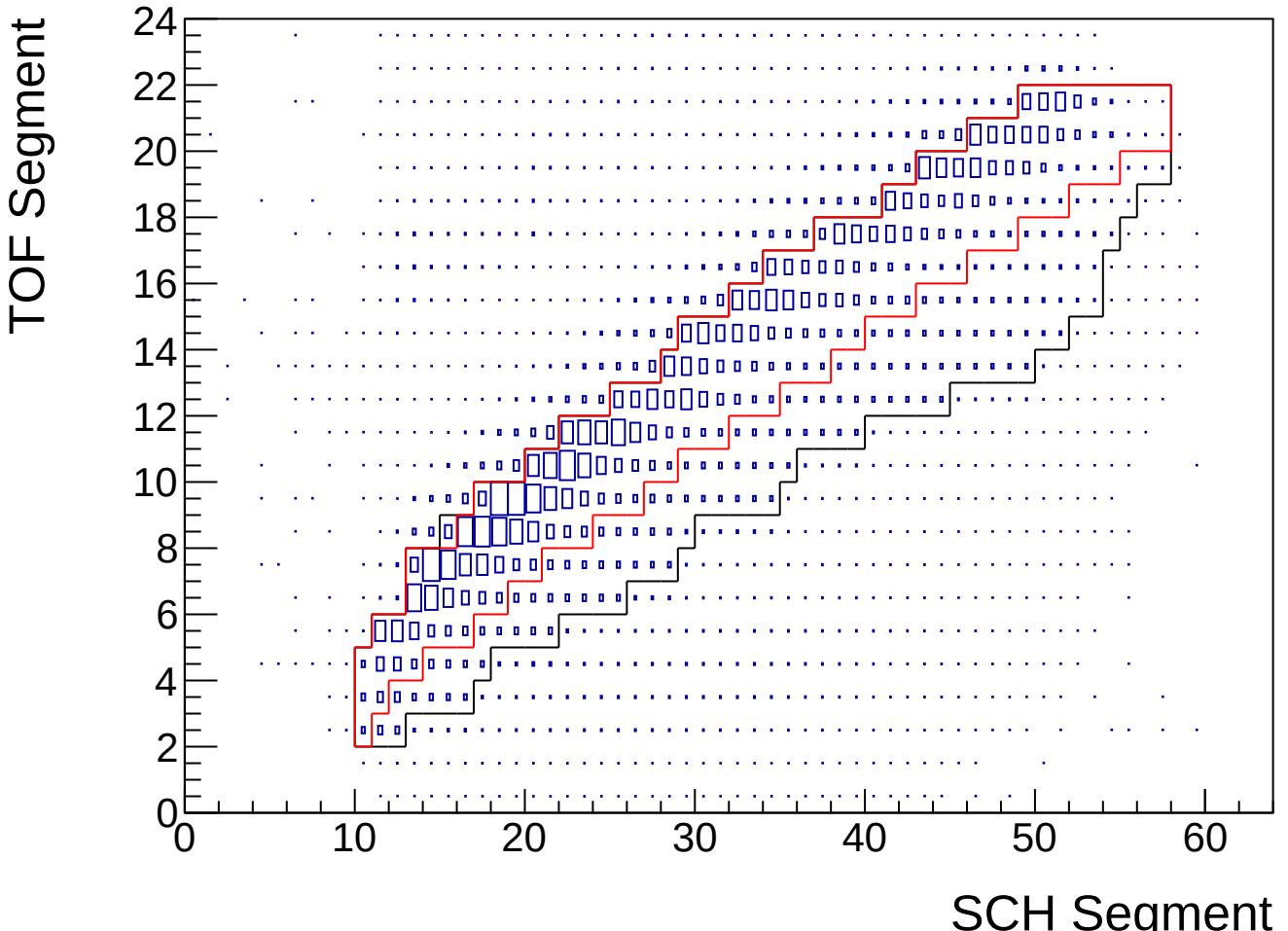
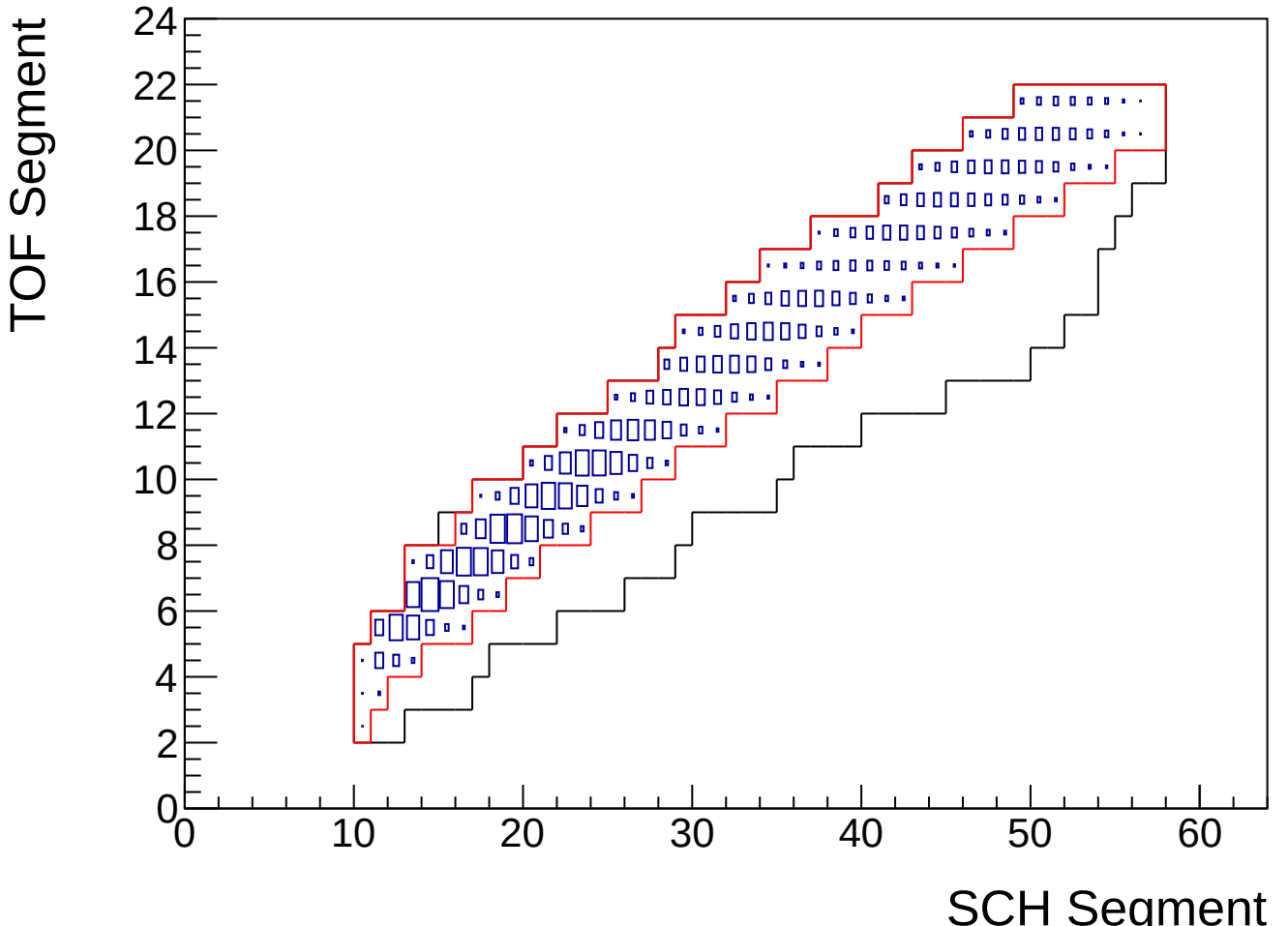
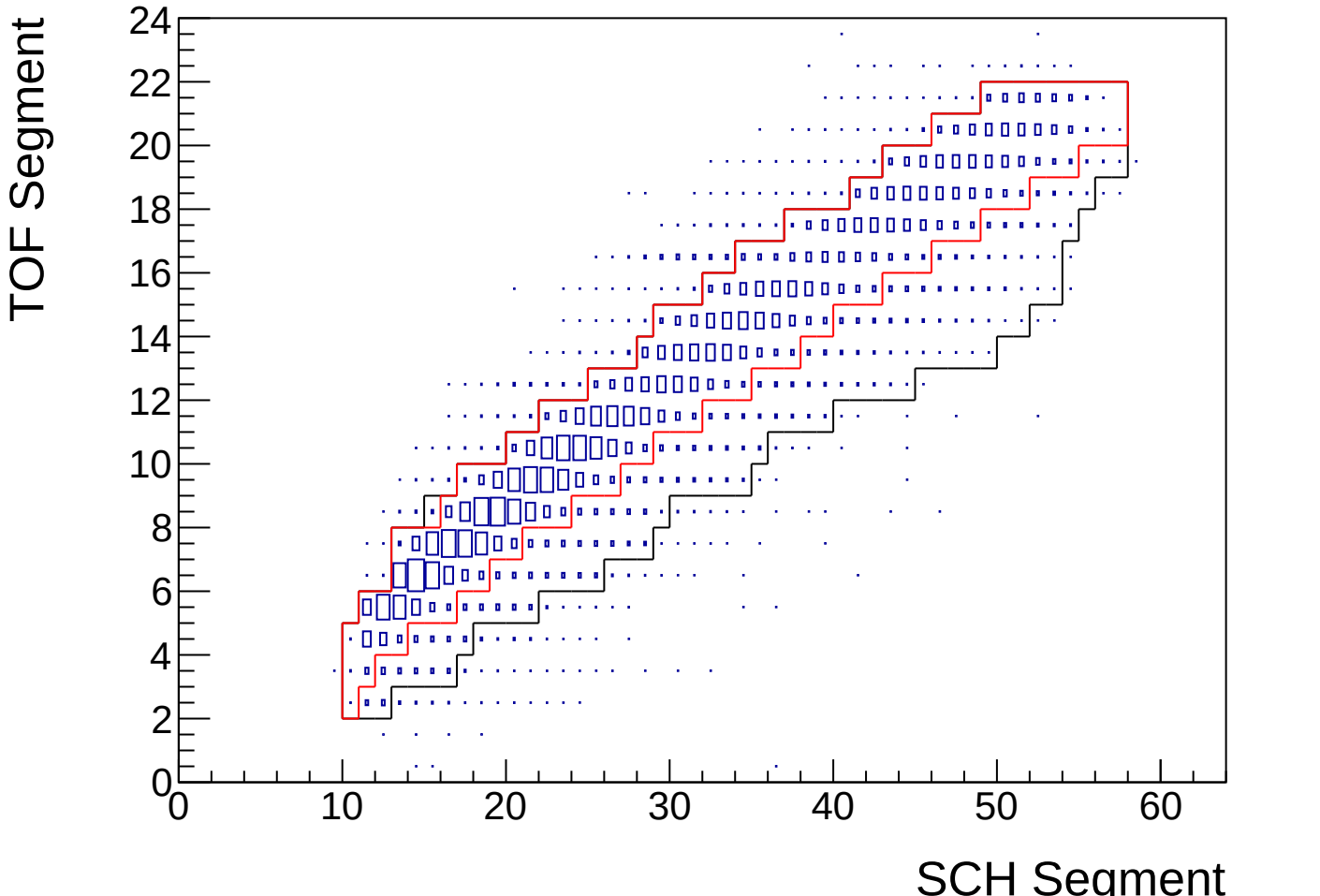
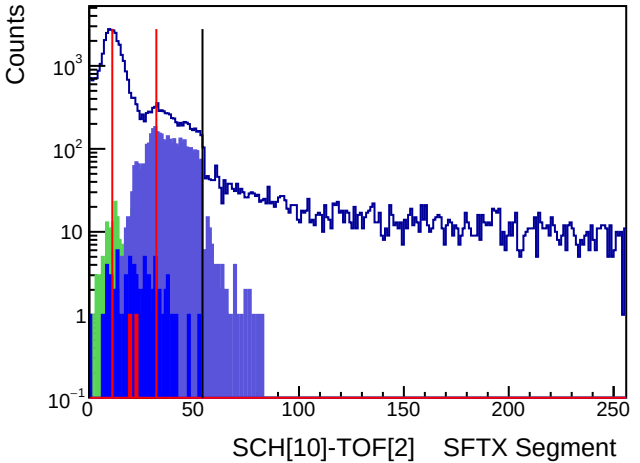
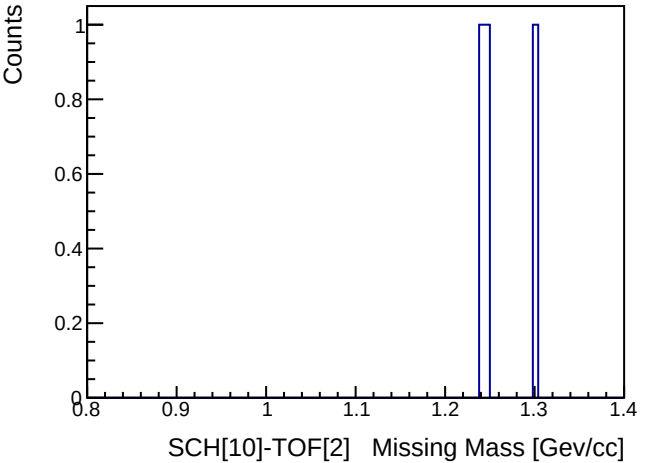

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

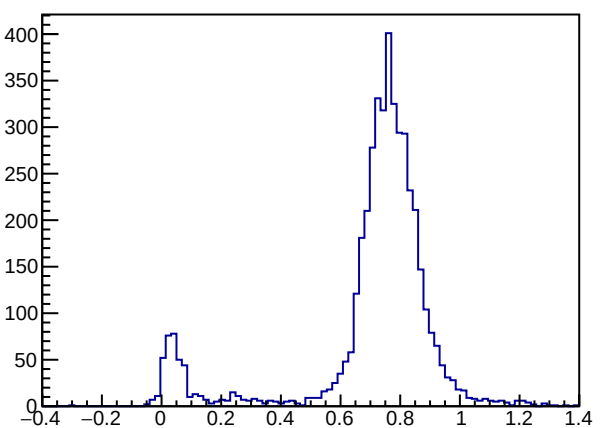

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

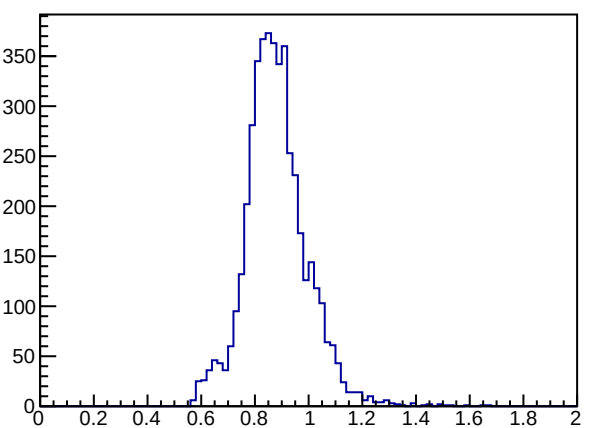

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

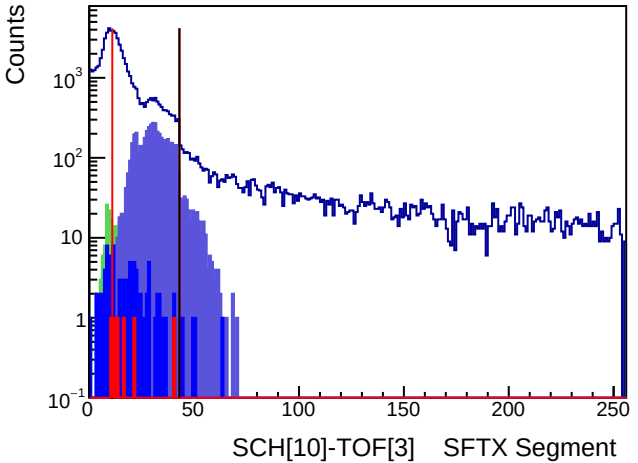

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

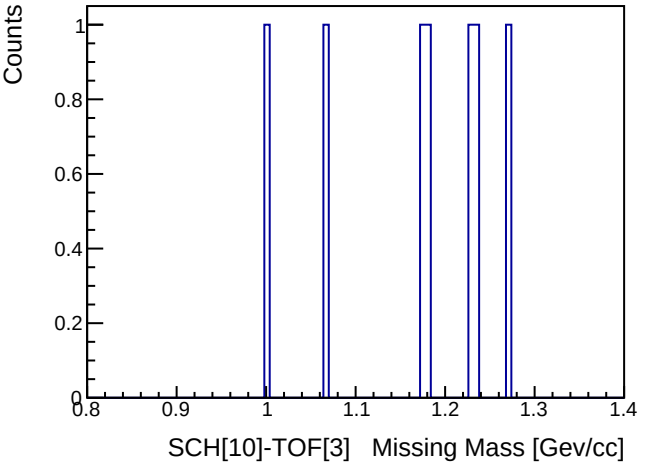

Counts
SCH[10]-TOF[2] SFTX Segment

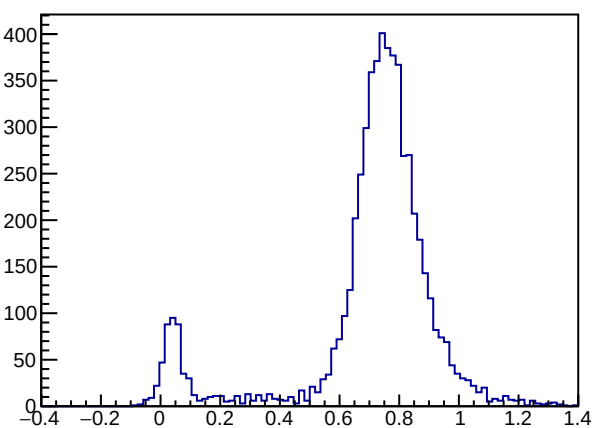

Counts
SCH[10]-TOF[2] Missing Mass [Gev/cc]

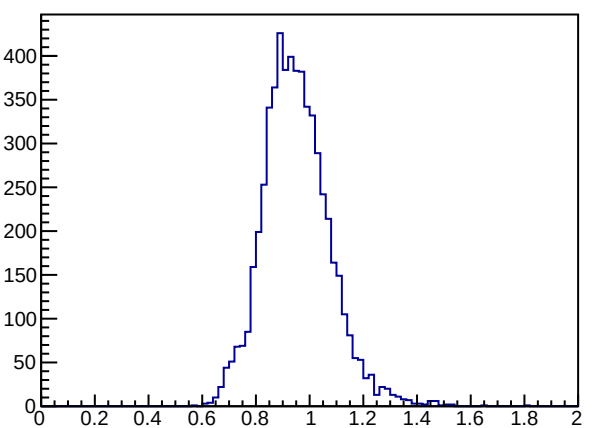


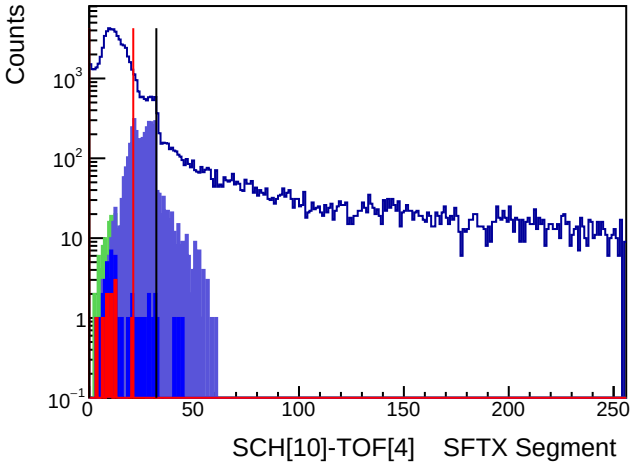


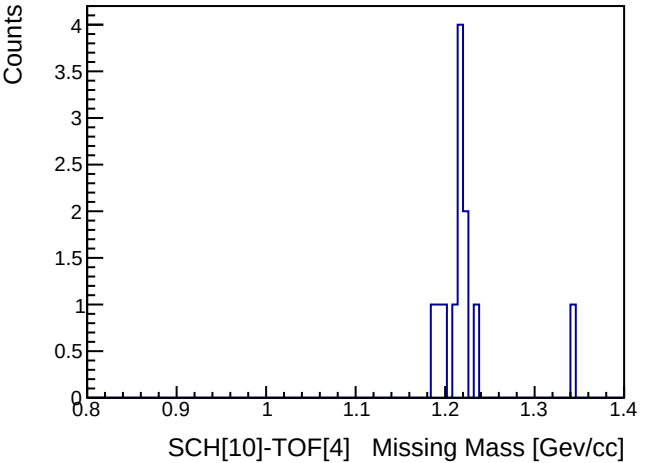

Counts
SCH[10]-TOF[3] SFTX Segment

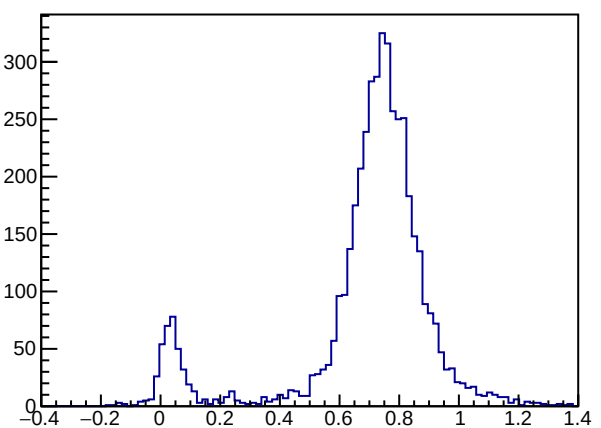

Counts
SCH[10]-TOF[3] Missing Mass [Gev/cc]

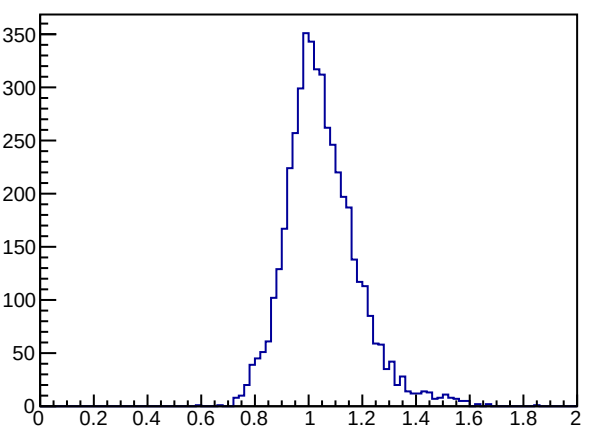


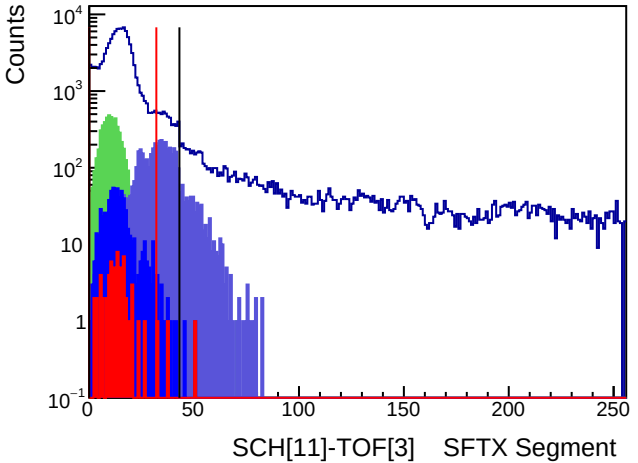


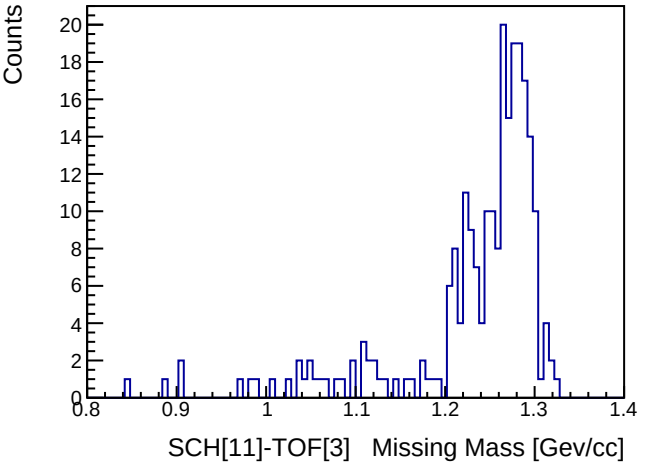

Counts
SCH[10]-TOF[4] SFTX Segment

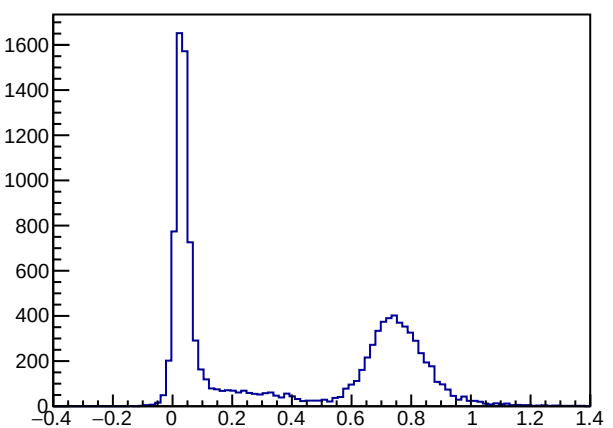

Counts
SCH[10]-TOF[4] Missing Mass [Gev/cc]

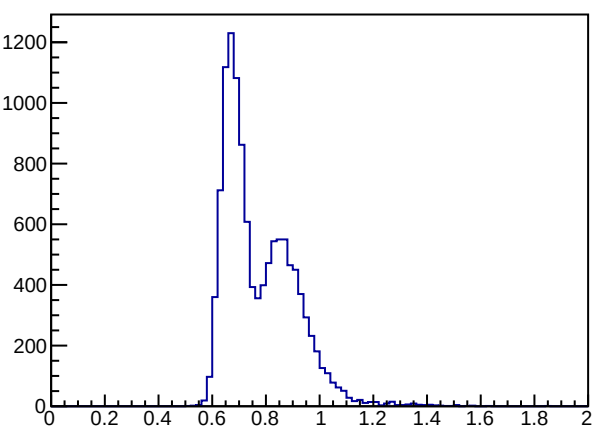


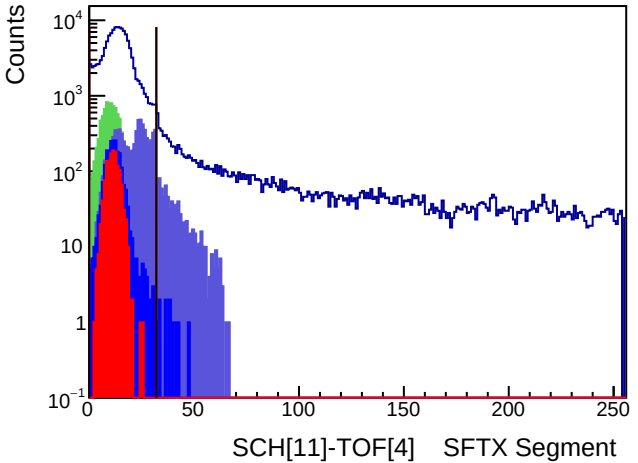


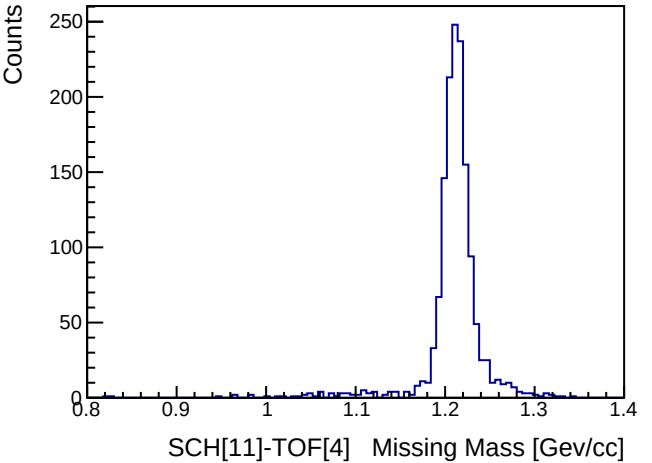

Counts
SCH[11]-TOF[3] SFTX Segment

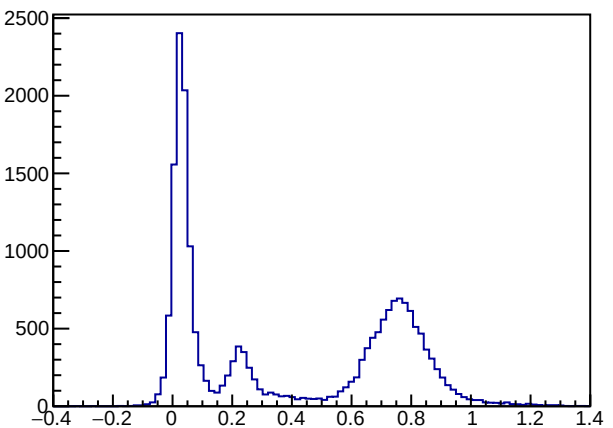

Counts
SCH[11]-TOF[3] Missing Mass [Gev/cc]

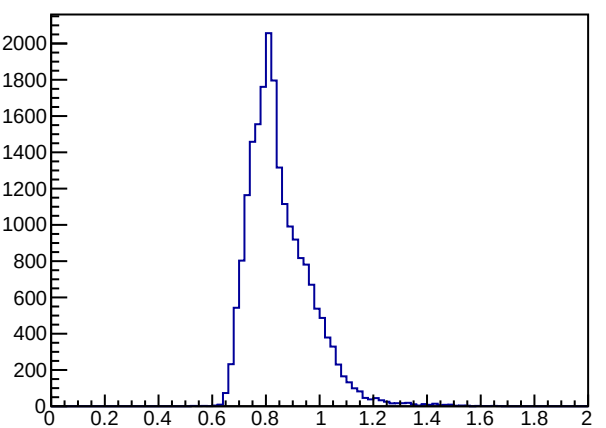


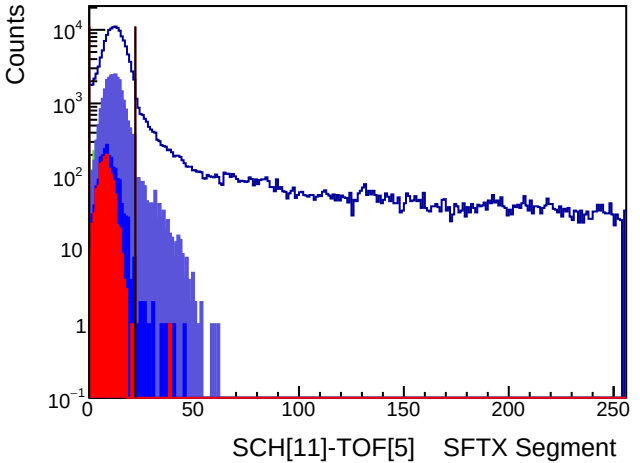


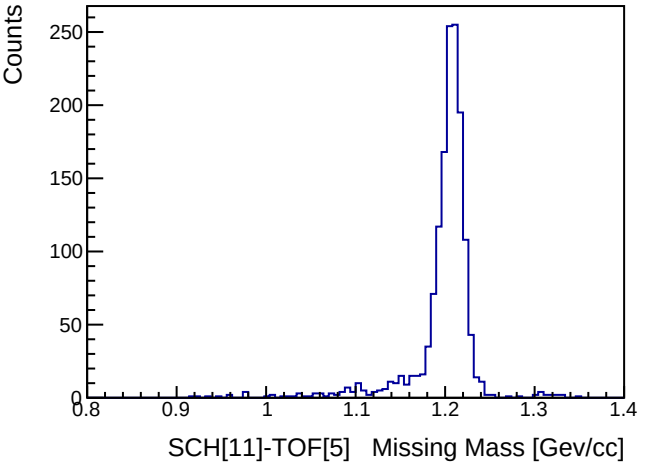

Counts
SCH[11]-TOF[4] SFTX Segment

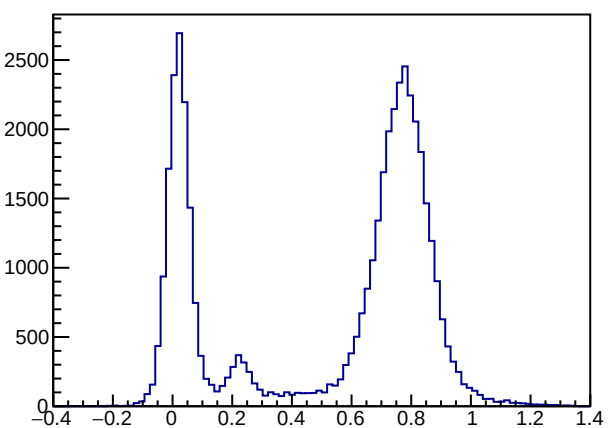

Counts
SCH[11]-TOF[4] Missing Mass [Gev/cc]

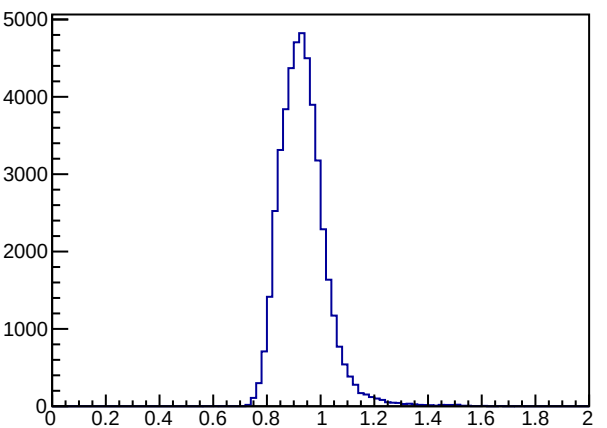


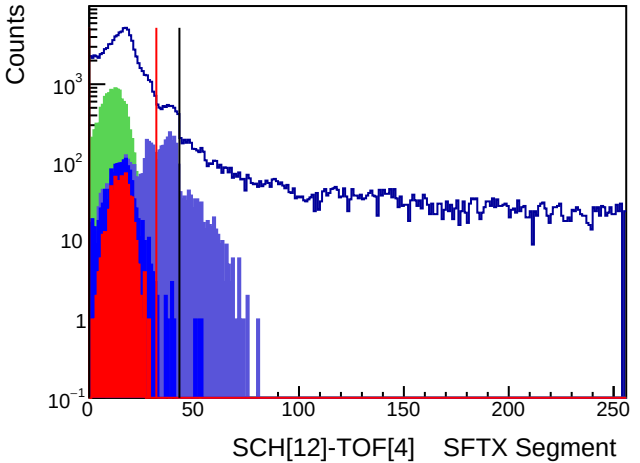


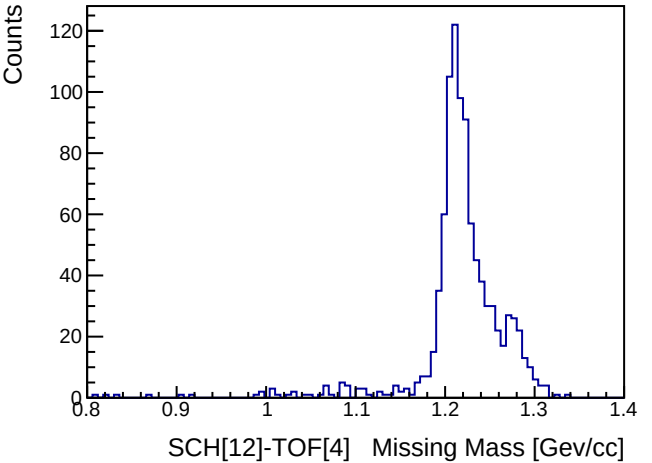

Counts
SCH[11]-TOF[5] SFTX Segment

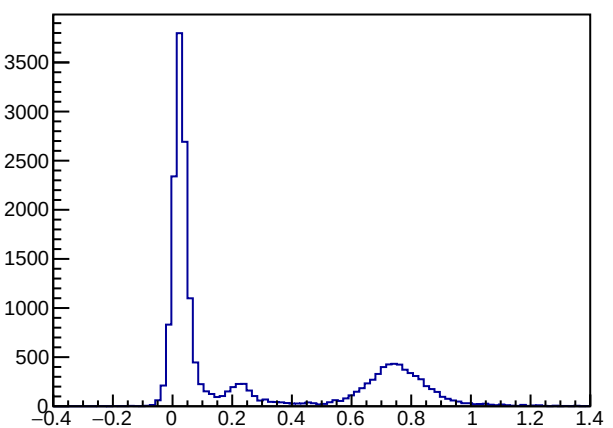

Counts
SCH[11]-TOF[5] Missing Mass [Gev/cc]

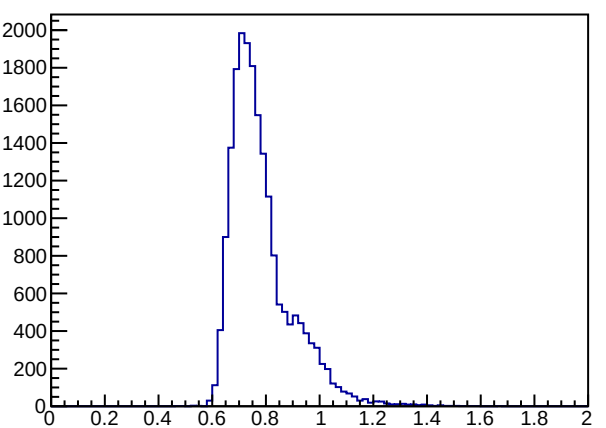


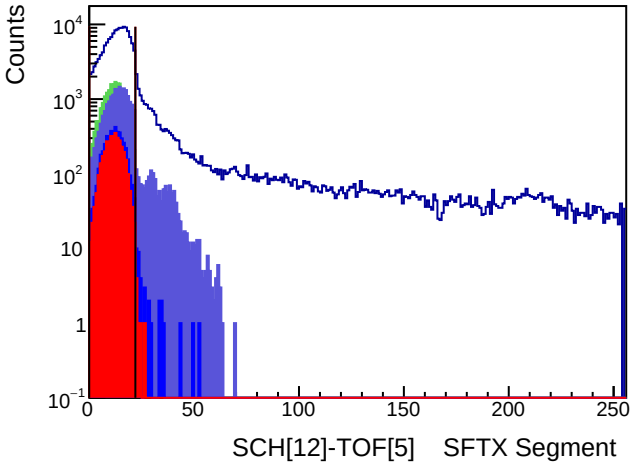


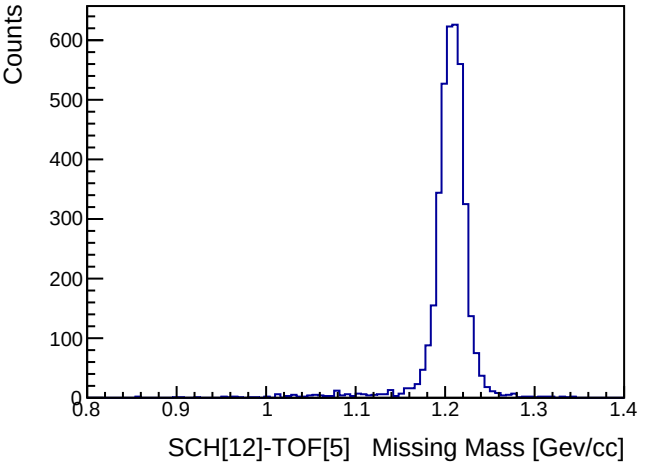

Counts
10^3
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[12]-TOF[4] SFTX Segment

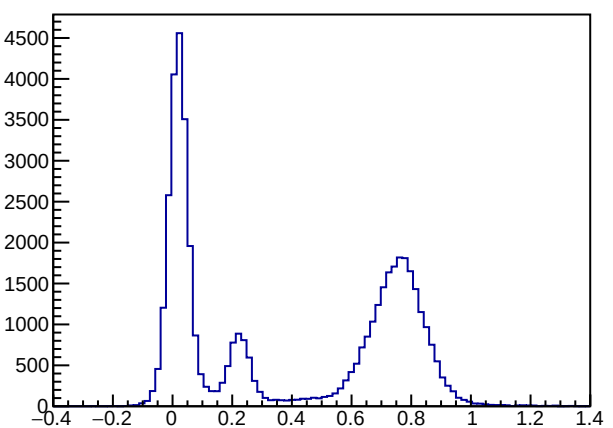

Counts
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[12]-TOF[4] Missing Mass [Gev/cc]

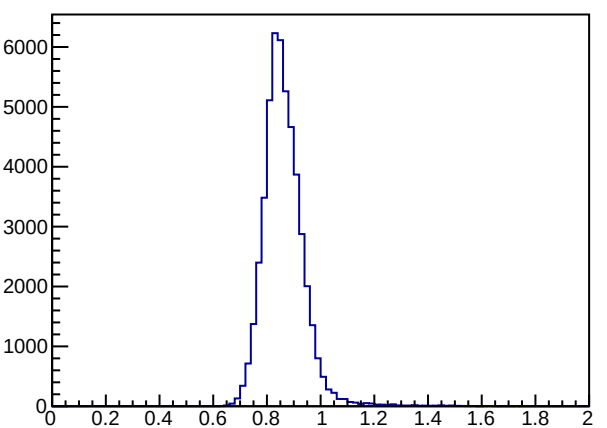

3500
3000
2500
2000
1500
1000
500
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

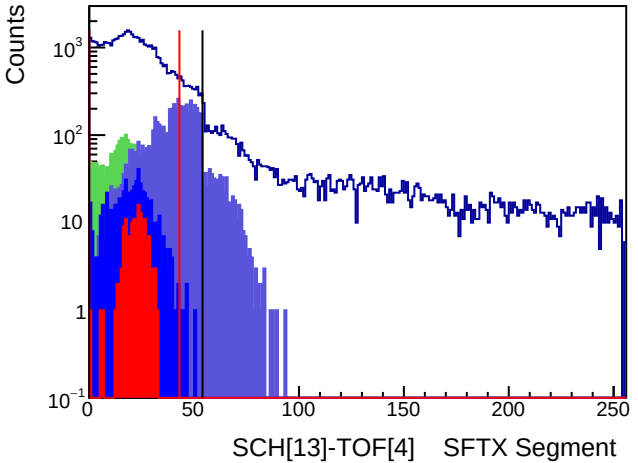

2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

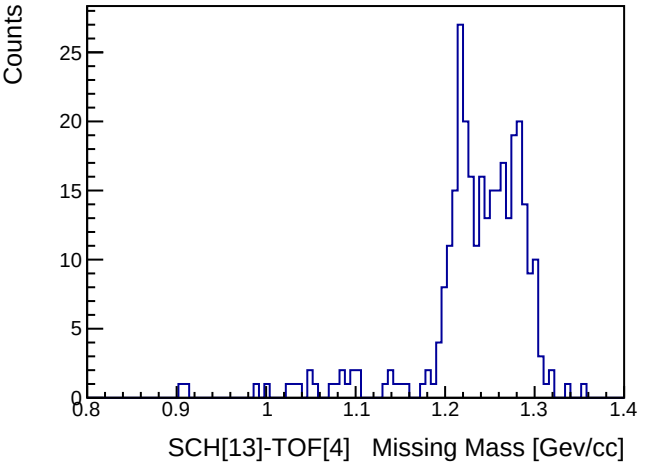

Counts
SCH[12]-TOF[5] SFTX Segment

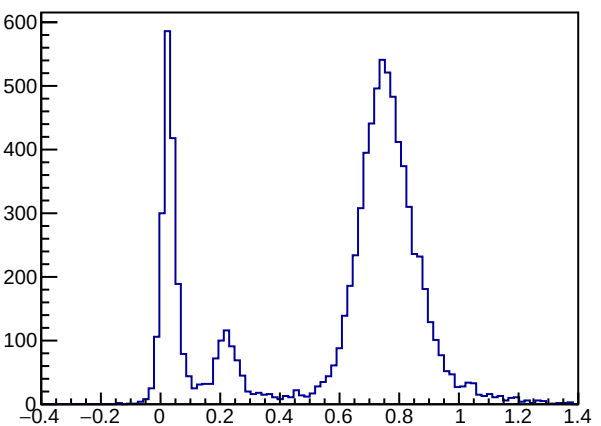

Counts
SCH[12]-TOF[5] Missing Mass [Gev/cc]

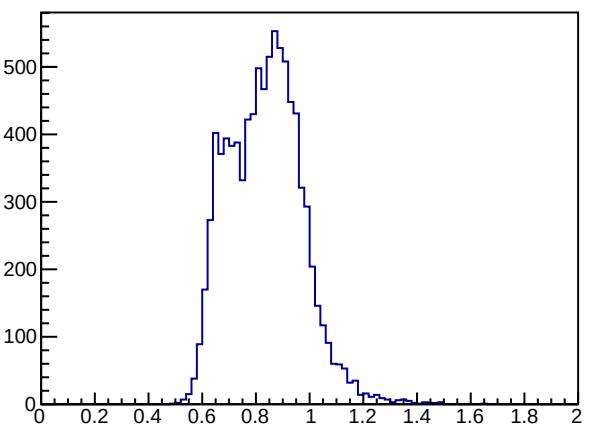


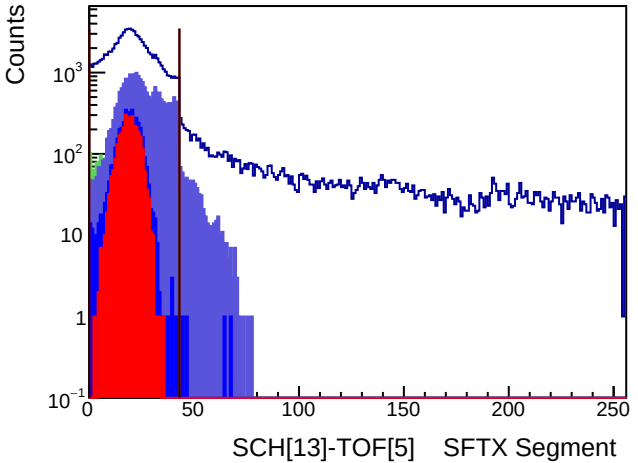


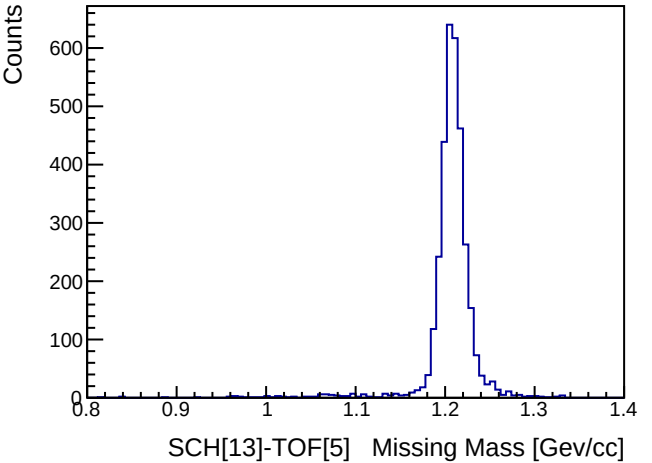

Counts
10^3
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[13]-TOF[4] SFTX Segment

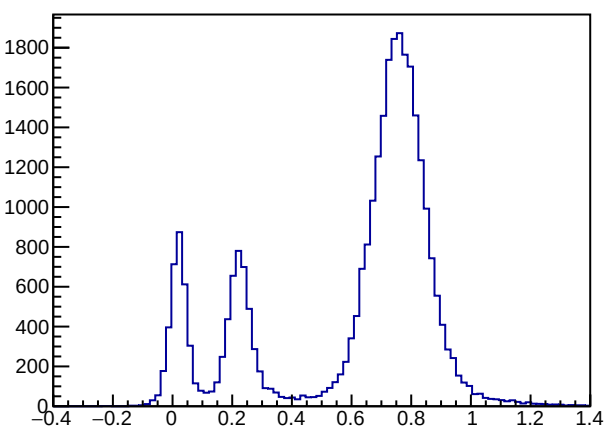

Counts
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[13]-TOF[4] Missing Mass [Gev/cc]

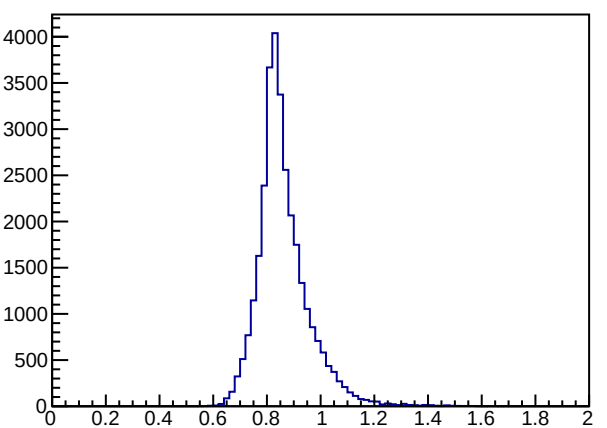

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

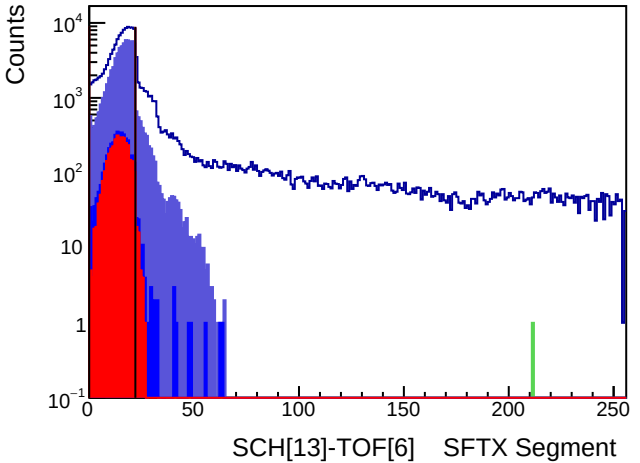

500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

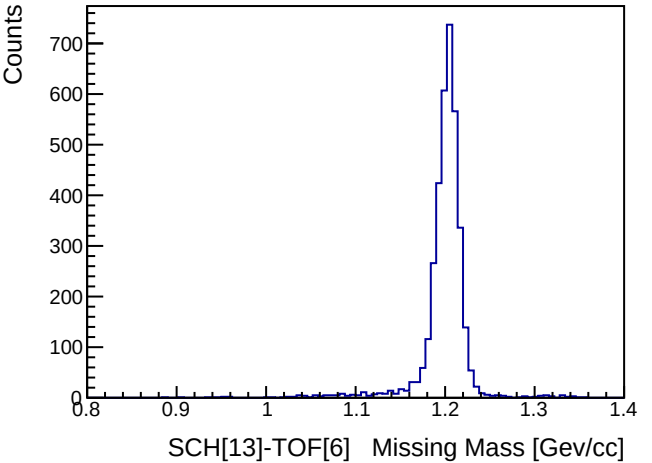

Counts
10^3
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[13]-TOF[5] SFTX Segment

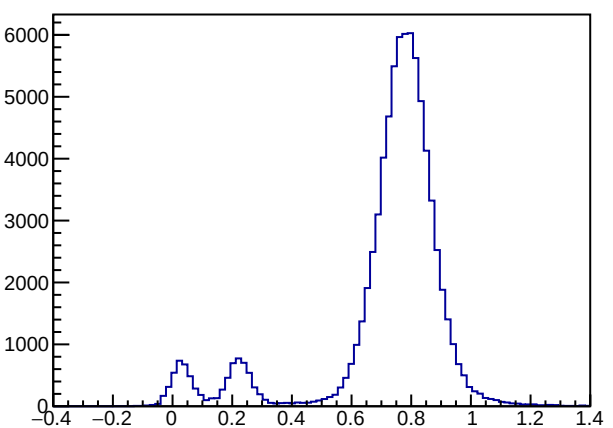

Counts
600
500
400
300
200
100
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[13]-TOF[5] Missing Mass [Gev/cc]

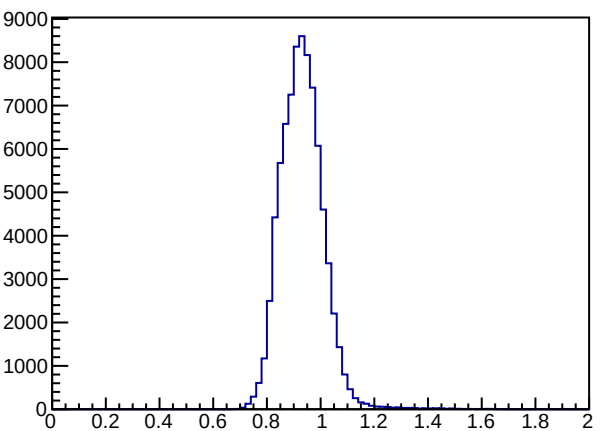

1800
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

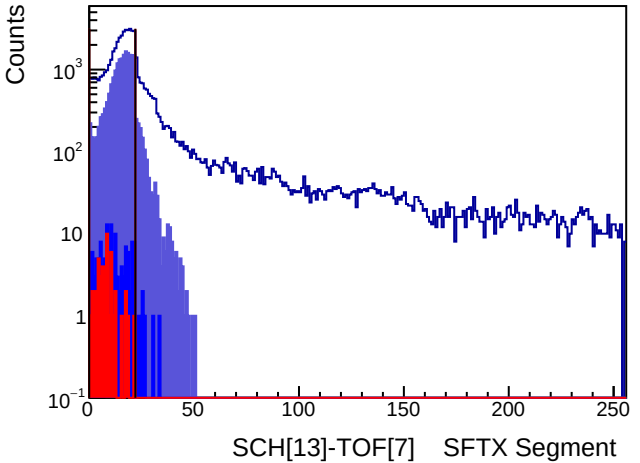

4000
3500
3000
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

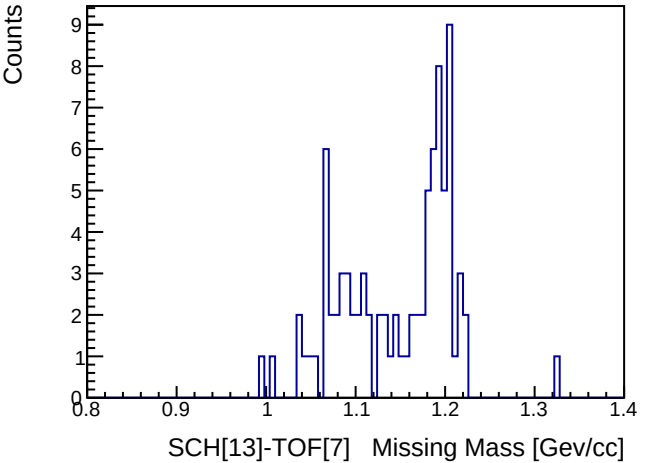

Counts
SCH[13]-TOF[6] SFTX Segment

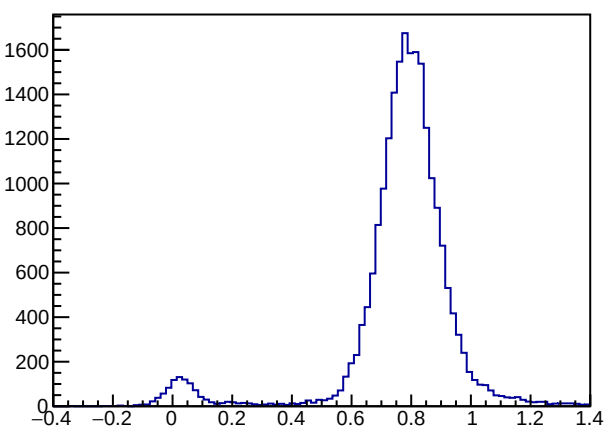

Counts
SCH[13]-TOF[6] Missing Mass [Gev/cc]

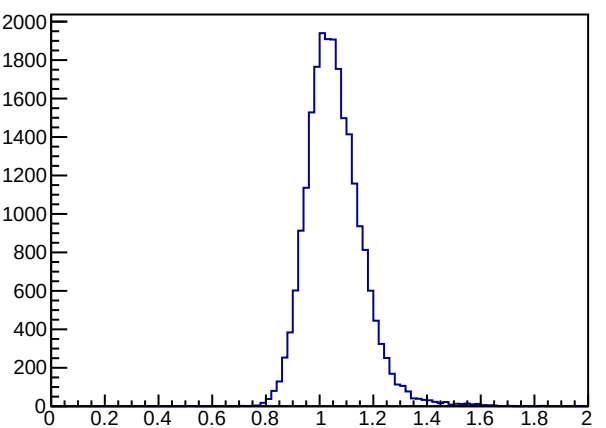


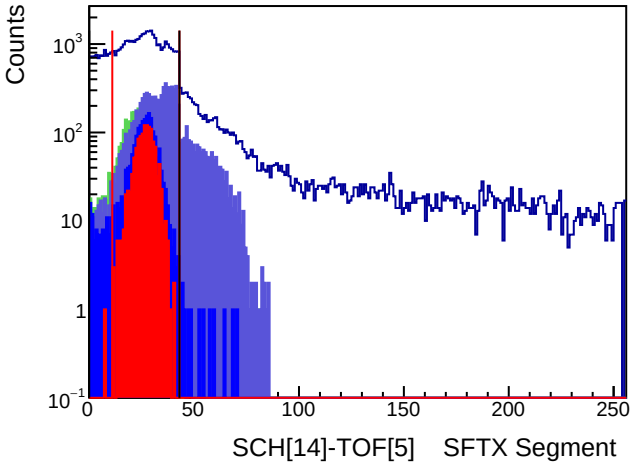


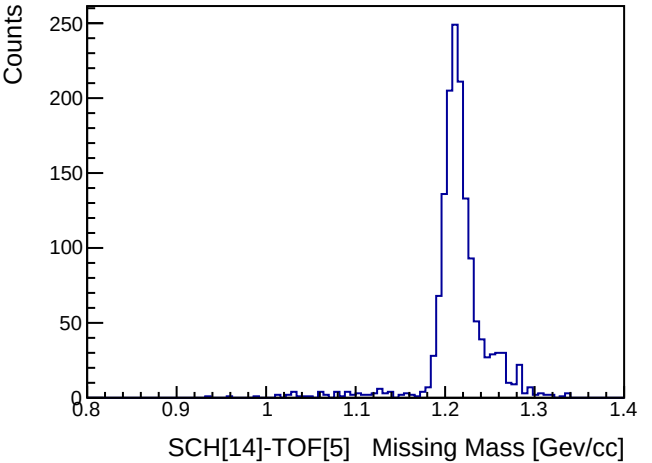

Counts
SCH[13]-TOF[7] SFTX Segment


Counts
SCH[13]-TOF[7] Missing Mass [Gev/cc]






Counts
SCH[14]-TOF[5] SFTX Segment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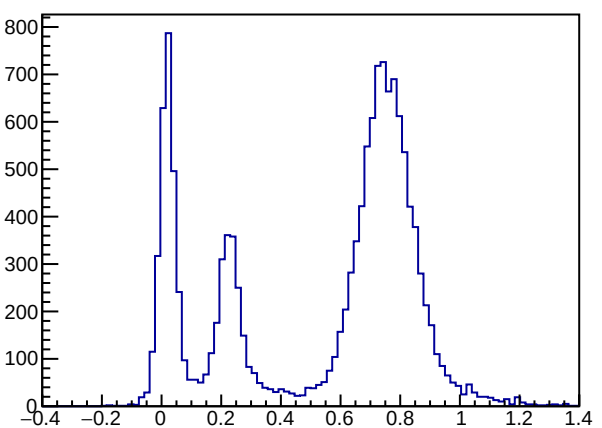

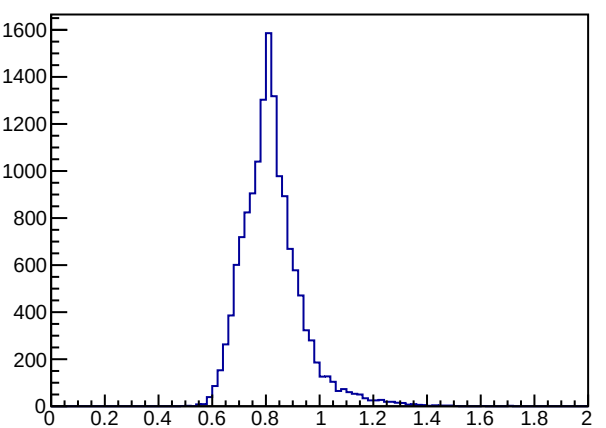

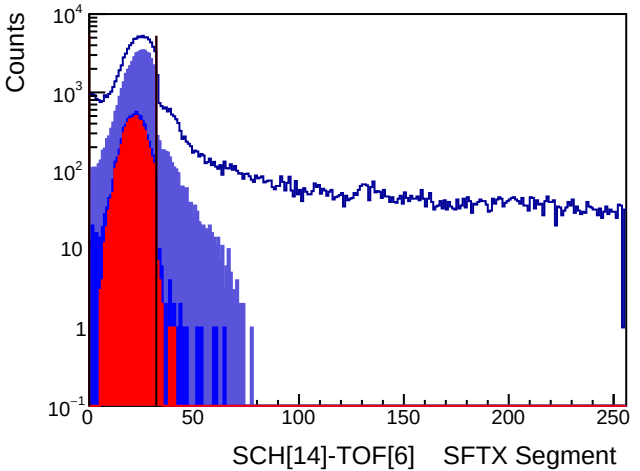
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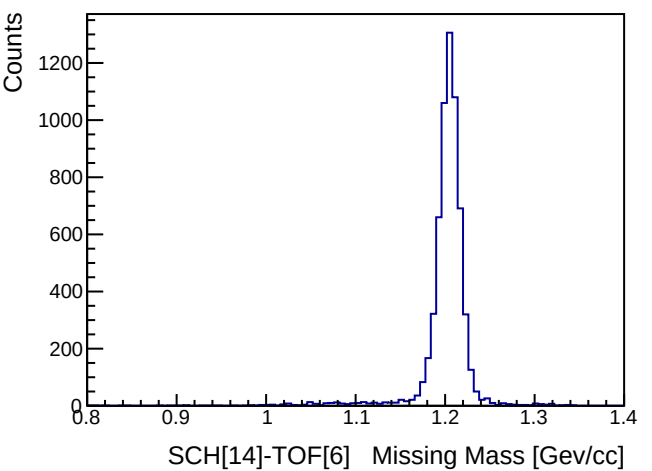
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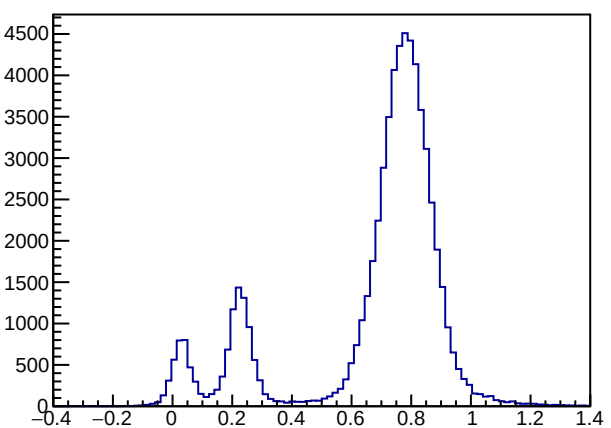
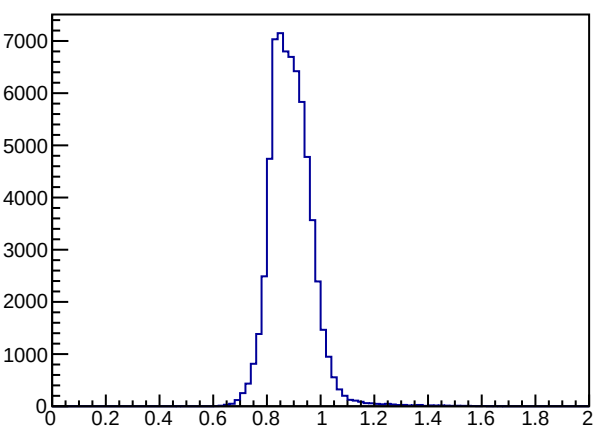
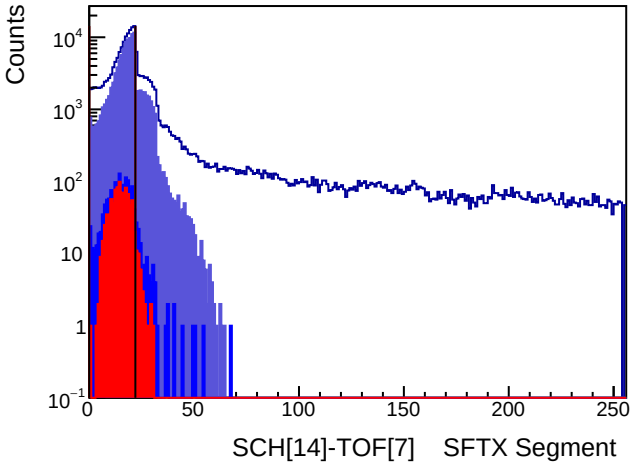
SCH[14]-TOF[6] Missing Mass [Gev/cc]



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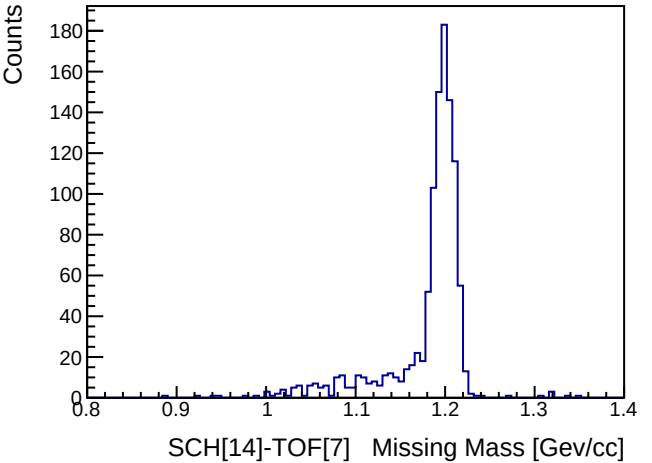
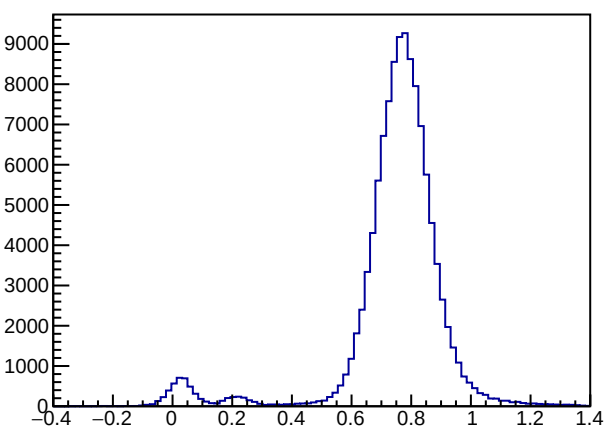
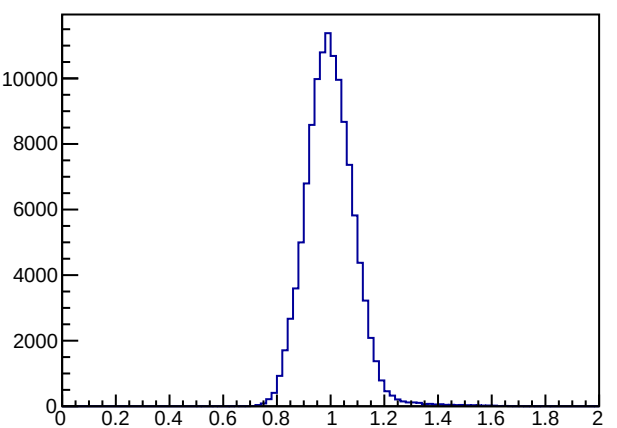
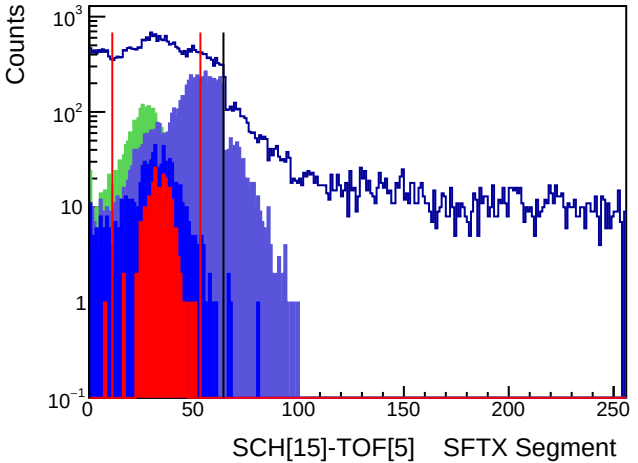
SCH[14]-TOF[7] SFTX Segment


Counts
SCH[14]-TOF[7] Missing Mass [Gev/cc]



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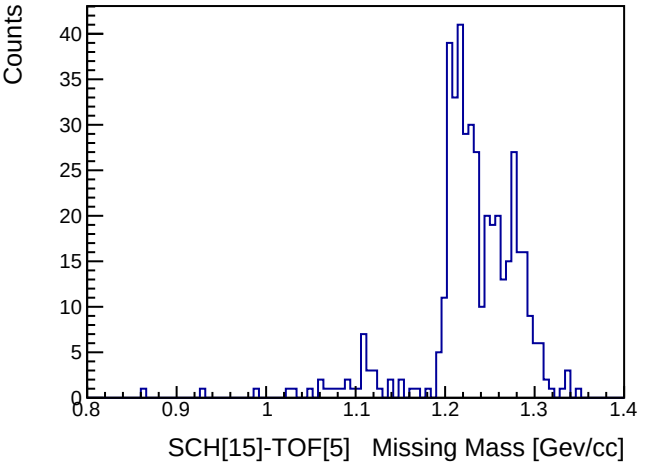
SCH[15]-TOF[5] SFTX Segment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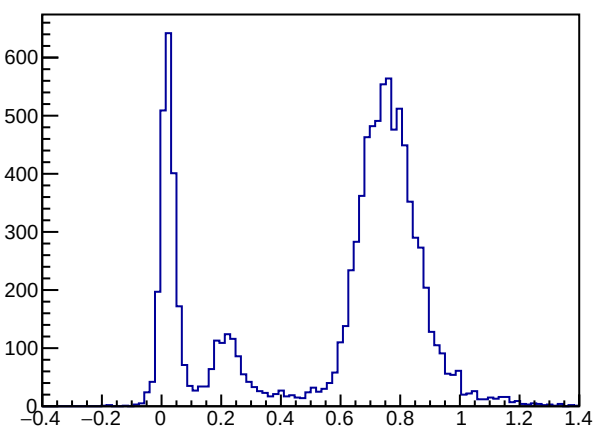
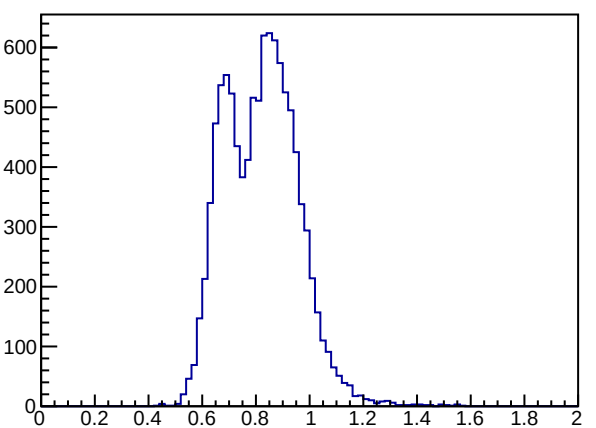
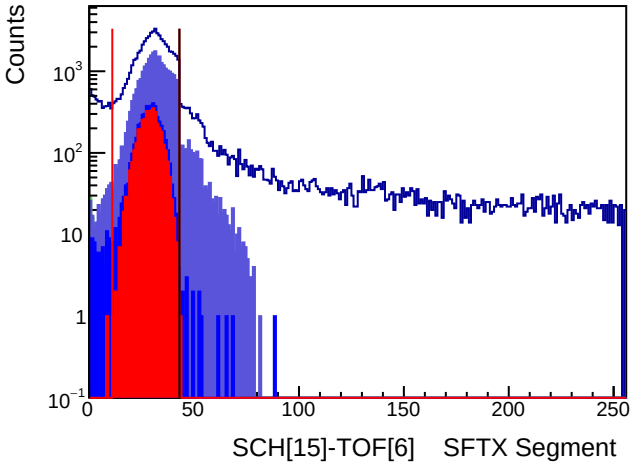
SCH[15]-TOF[5] Missing Mass [Gev/cc]



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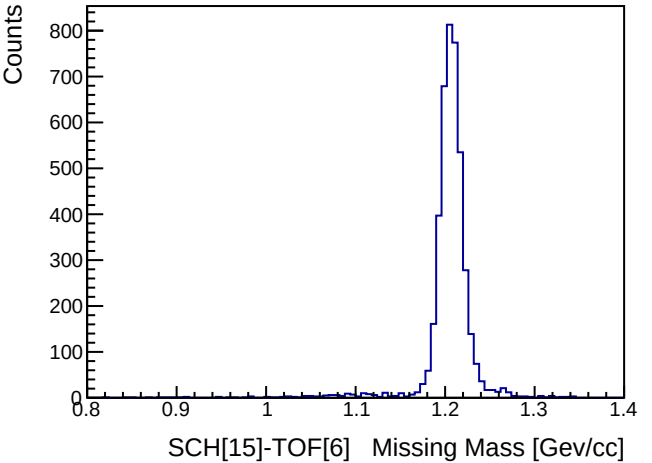
SCH[15]-TOF[6] SFTX Segment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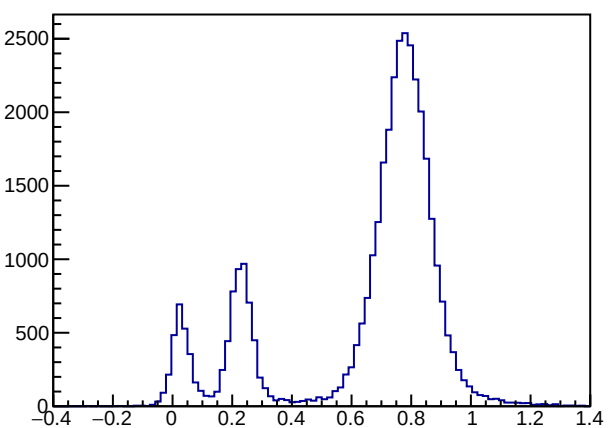

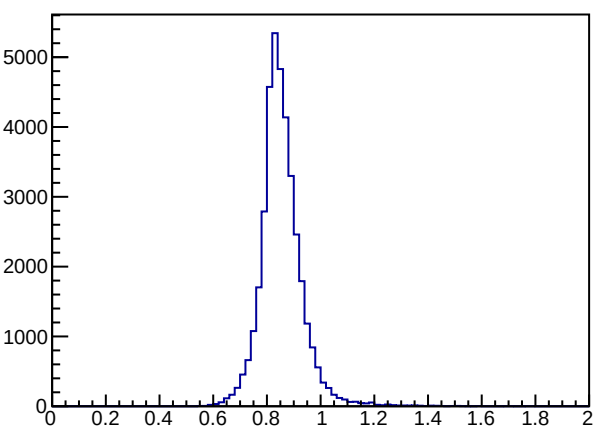

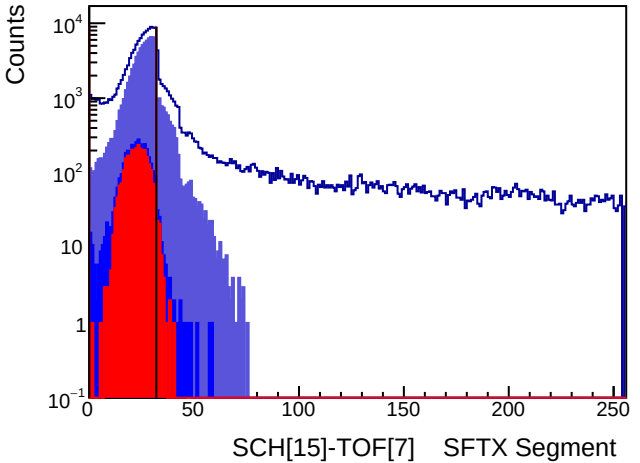
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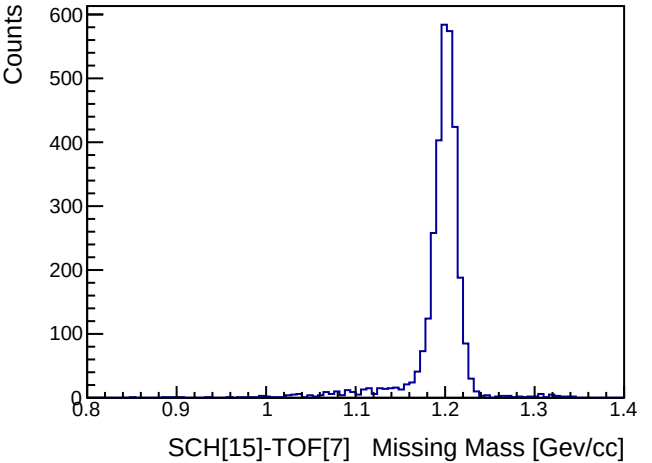
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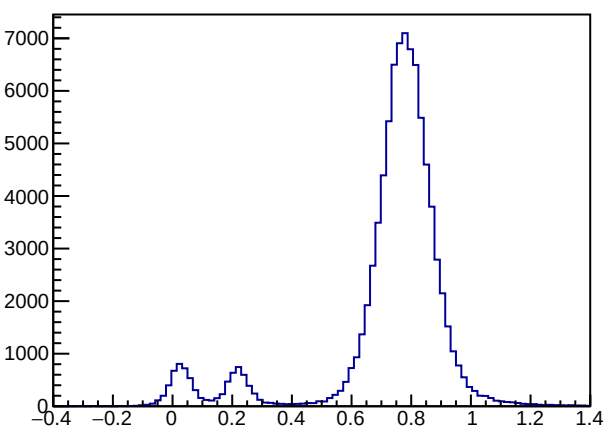
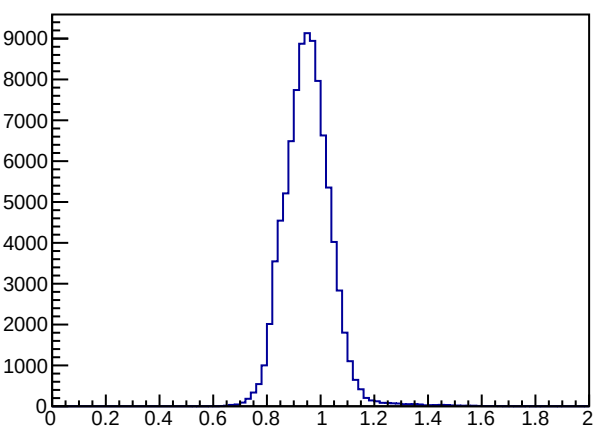
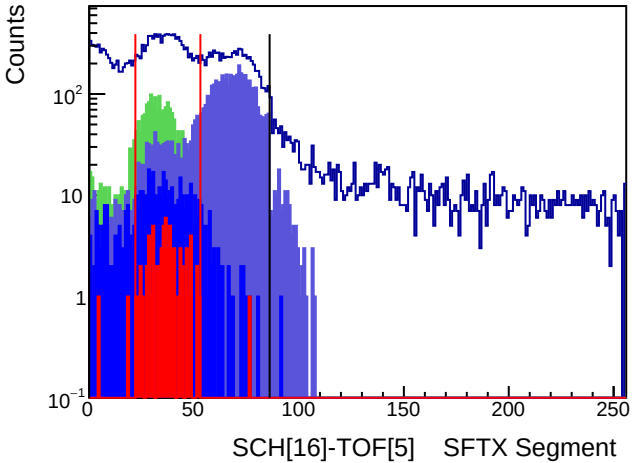
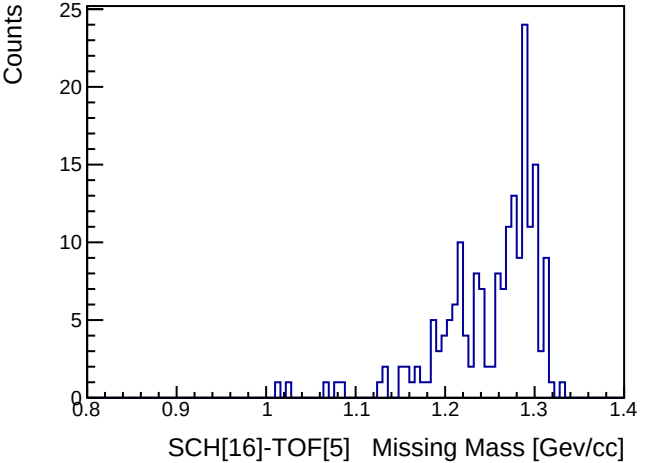
SCH[15]-TOF[7] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[16]-TOF[5] SFTX Segment


Counts
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
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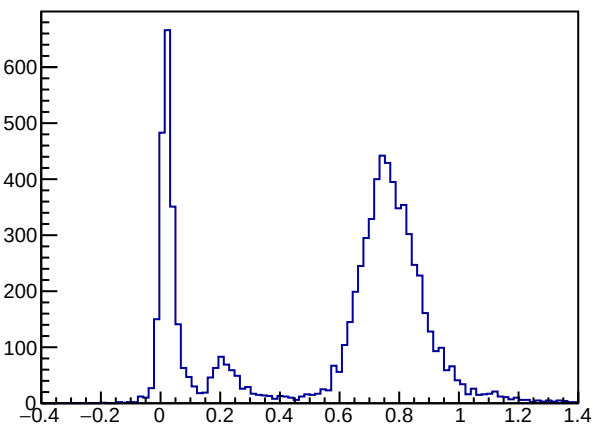
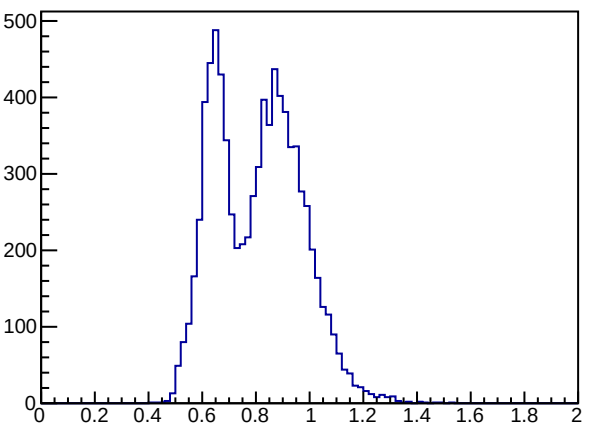
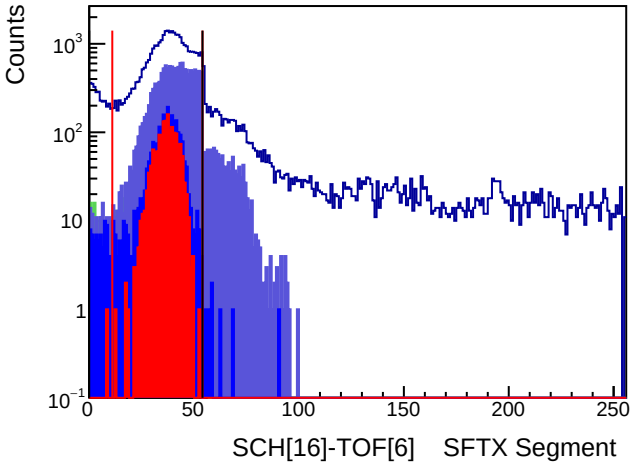
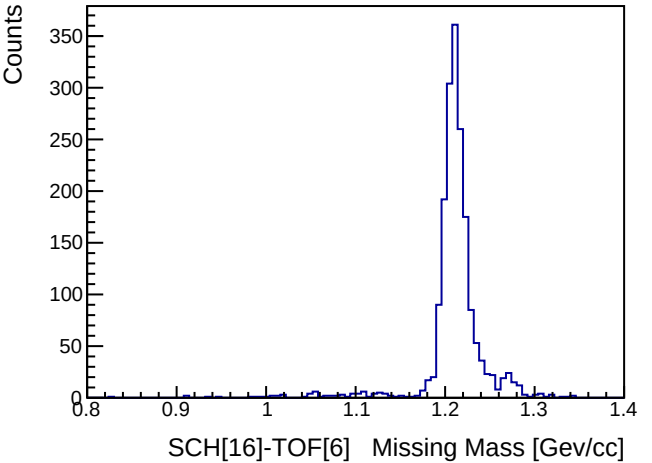
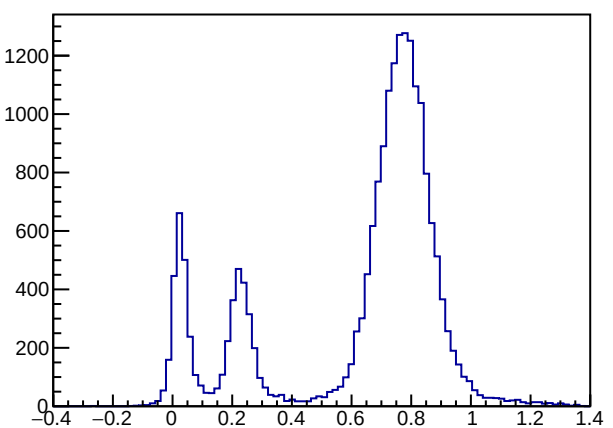
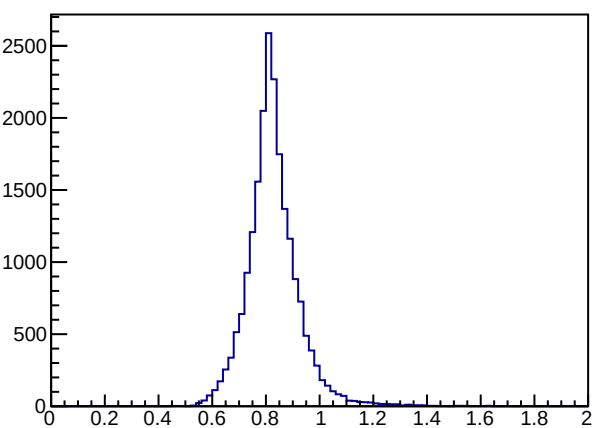

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

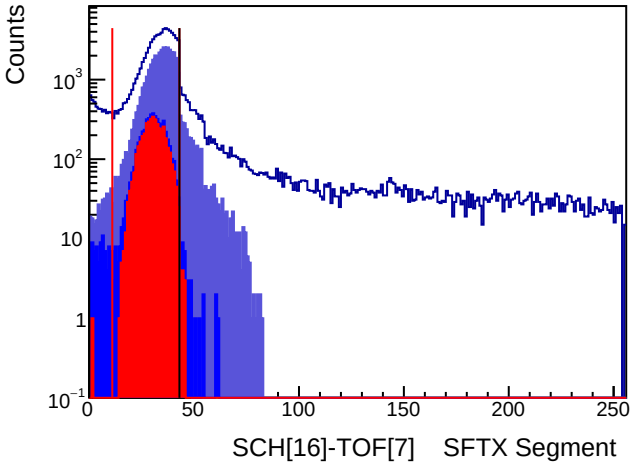

500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
SCH[16]-TOF[6] SFTX Segment


Counts
SCH[16]-TOF[6] Missing Mass [Gev/cc]



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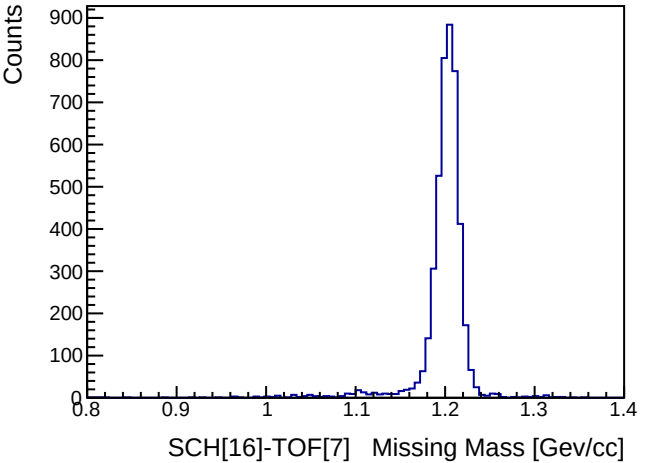
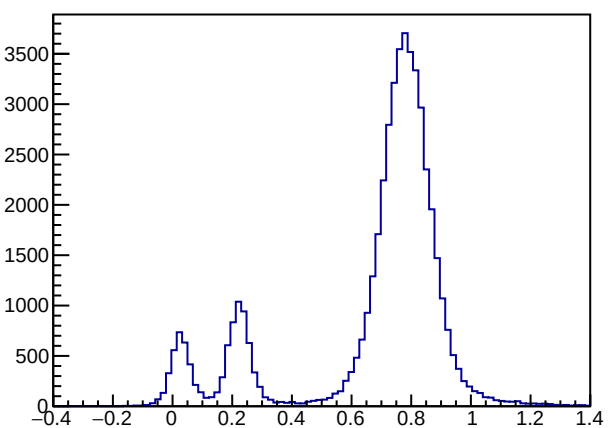
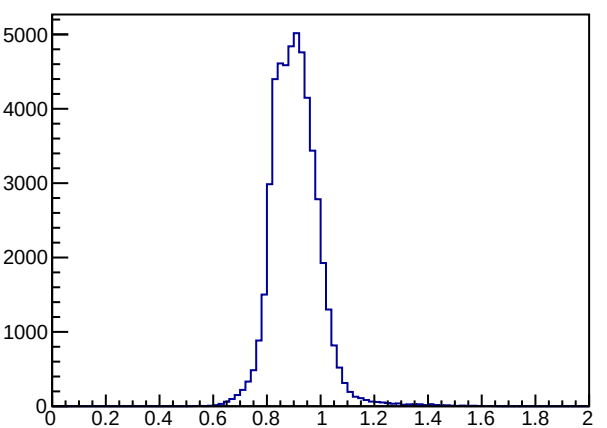
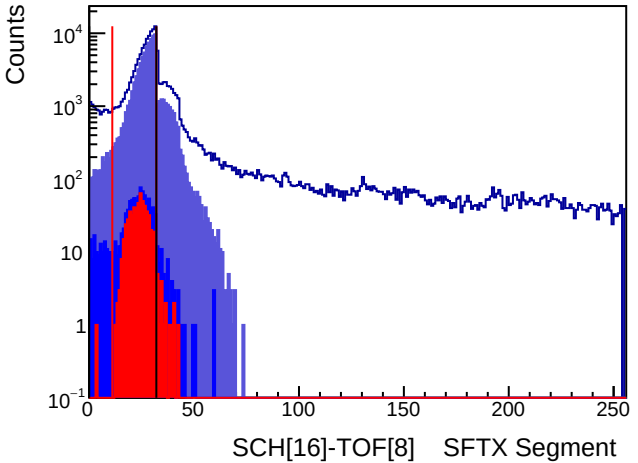
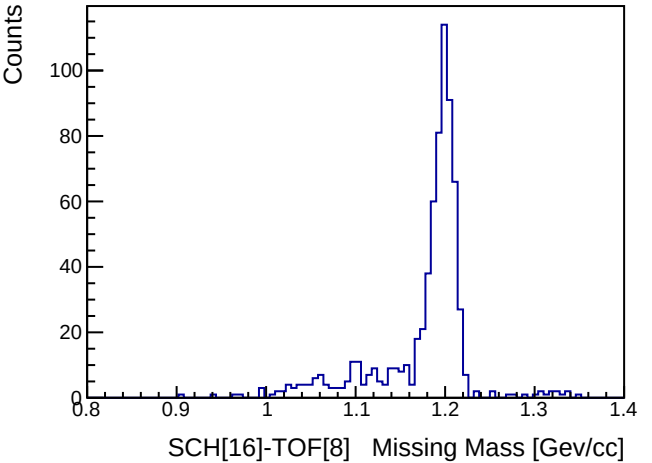
SCH[16]-TOF[7] SFTX Segment

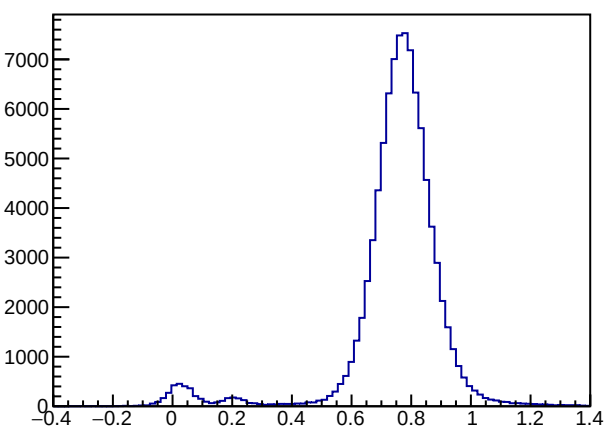

Counts
SCH[16]-TOF[7] Missing Mass [Gev/cc]

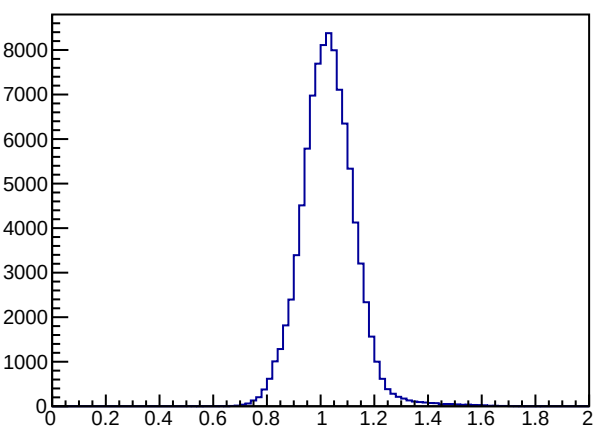


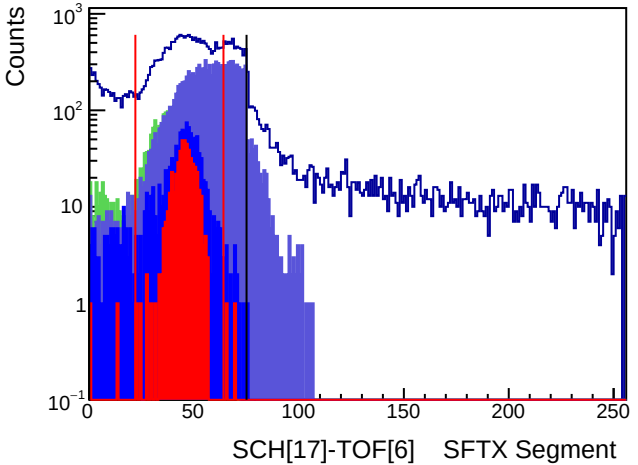


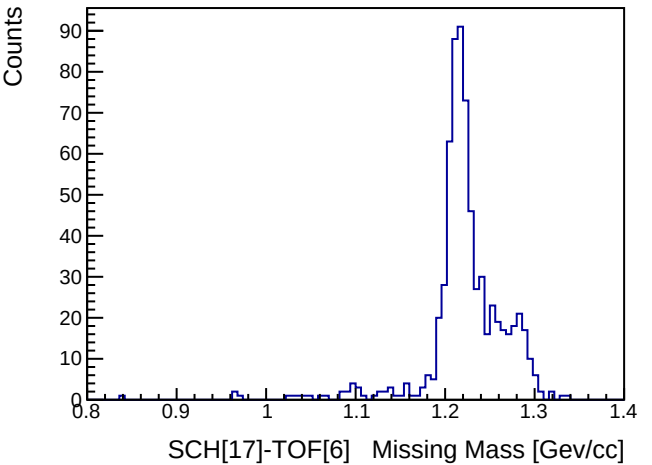

Counts
SCH[16]-TOF[8] SFTX Segment


Counts
SCH[16]-TOF[8] Missing Mass [Gev/cc]






Counts
SCH[17]-TOF[6] SFTX Segment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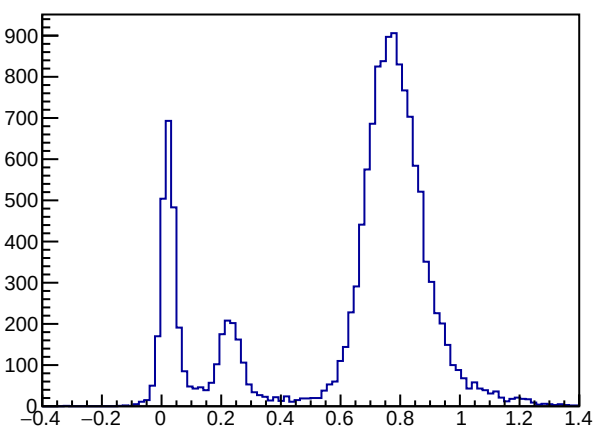
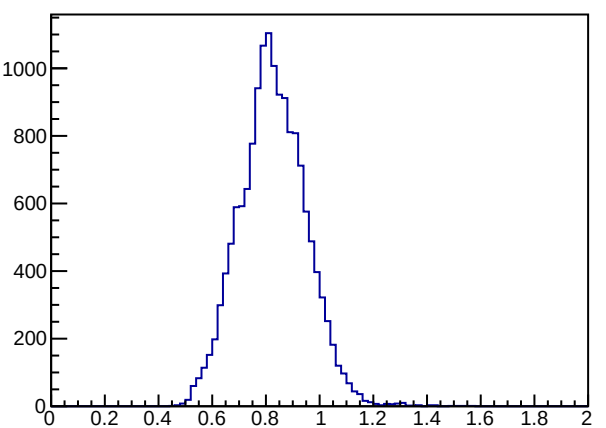
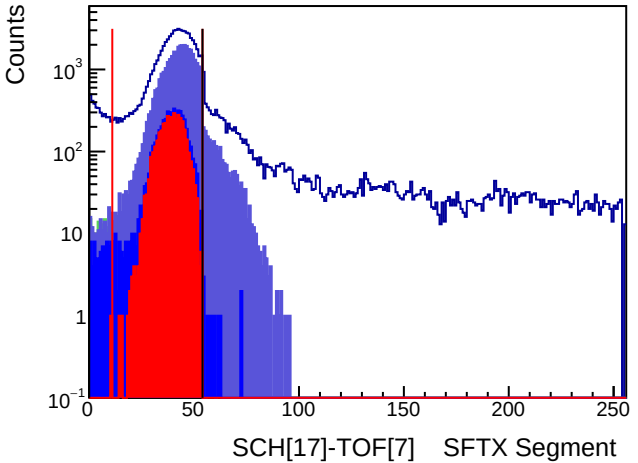
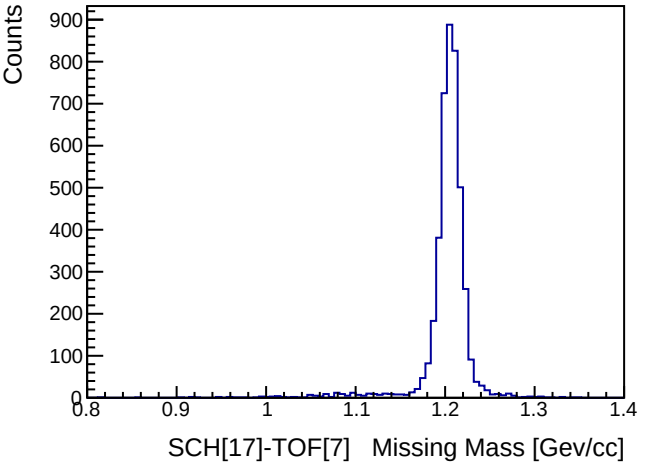
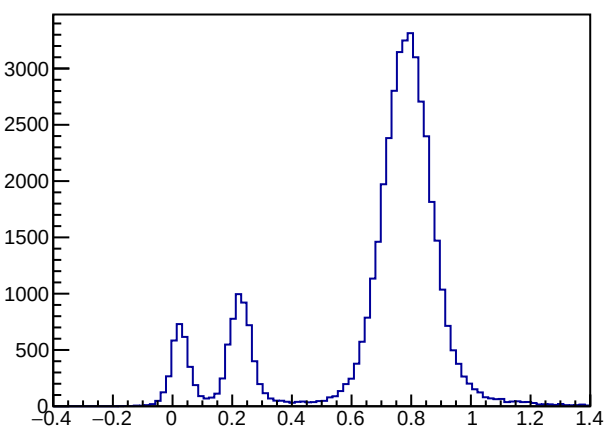
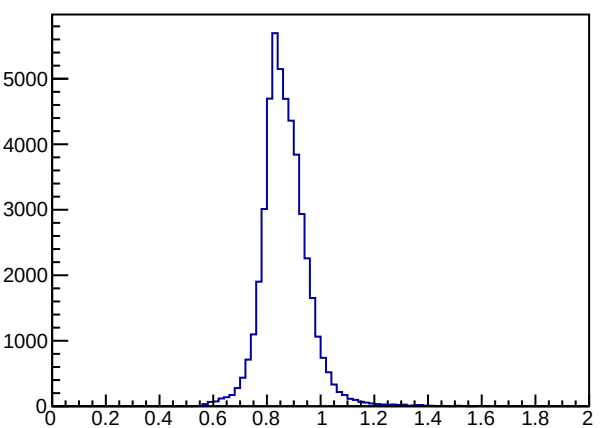


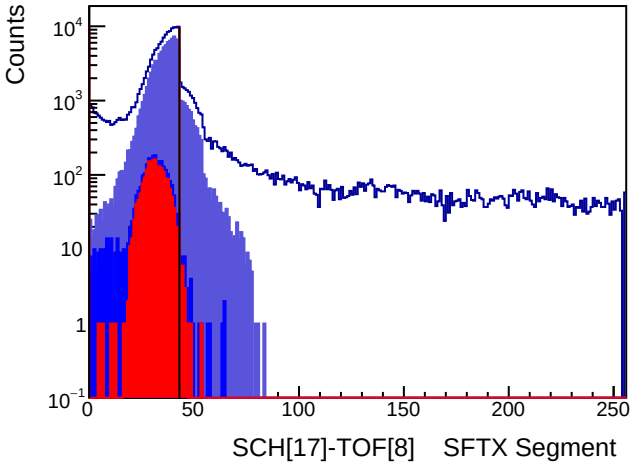


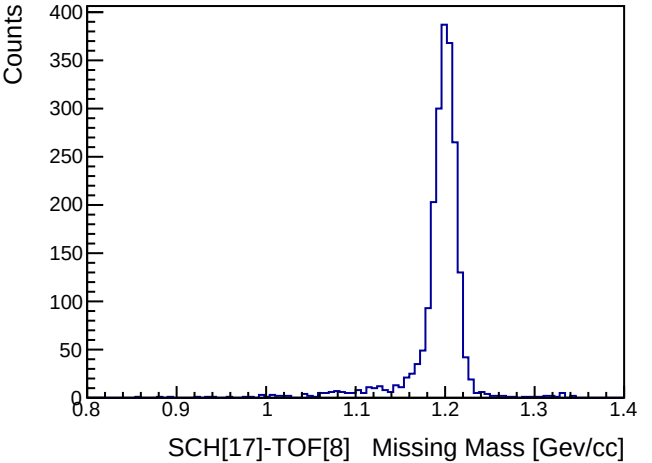

Counts
SCH[17]-TOF[7] SFTX Segment

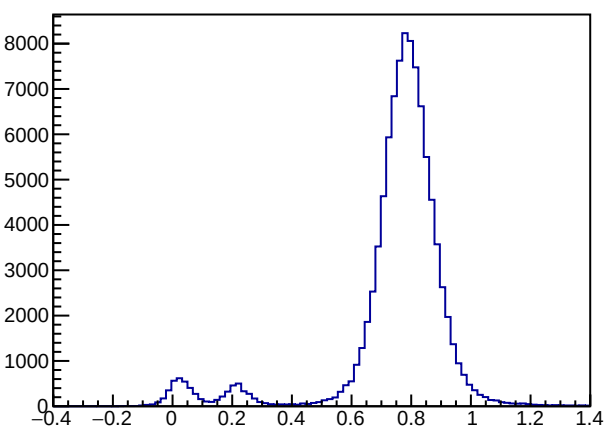

Counts
SCH[17]-TOF[7] Missing Mass [Gev/cc]

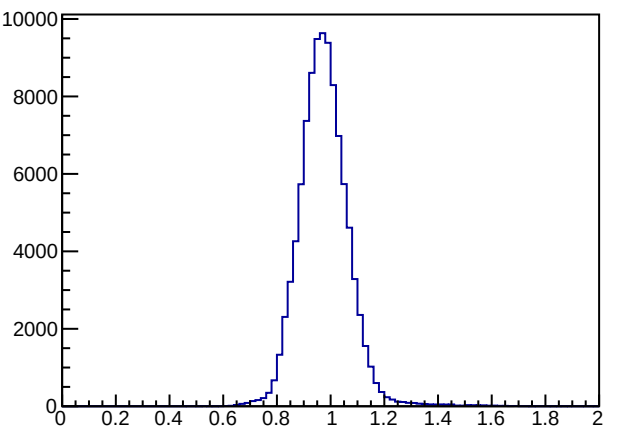


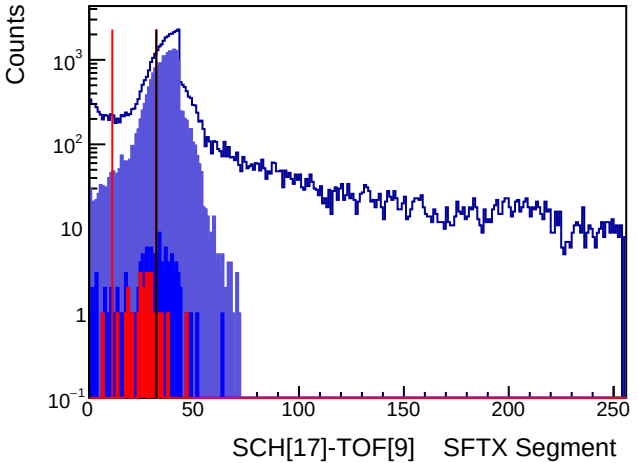


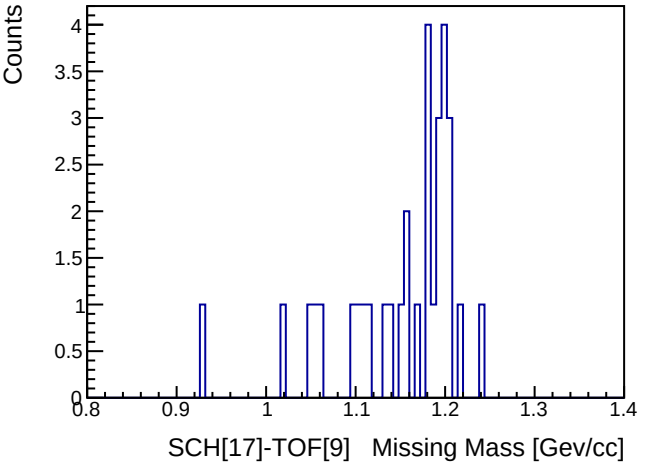

Counts
SCH[17]-TOF[8] SFTX Segment

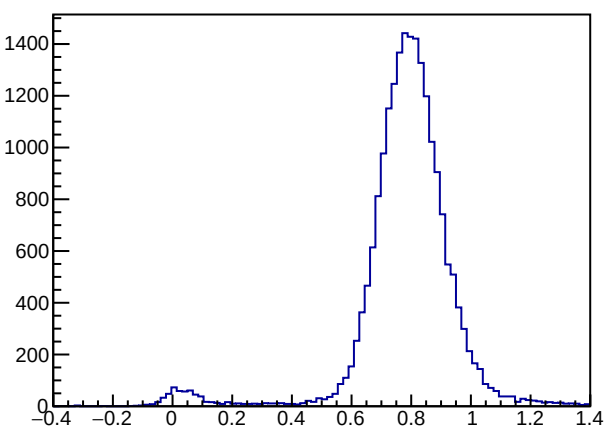

Counts
SCH[17]-TOF[8] Missing Mass [Gev/cc]

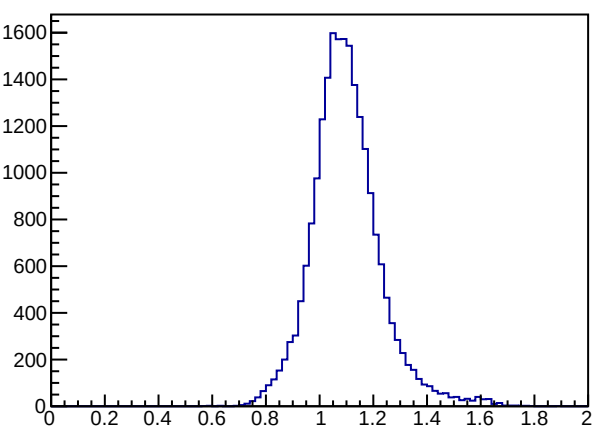


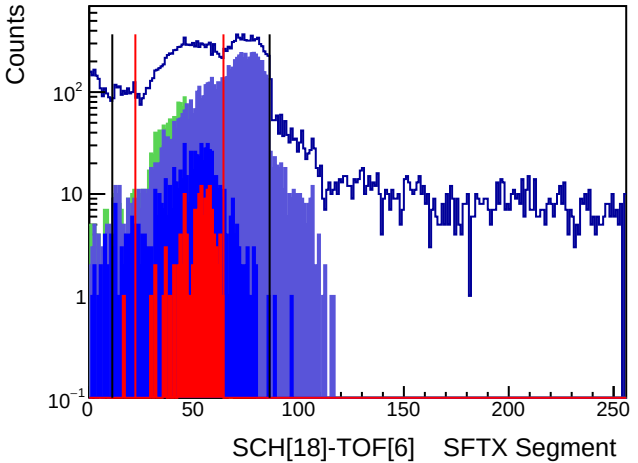


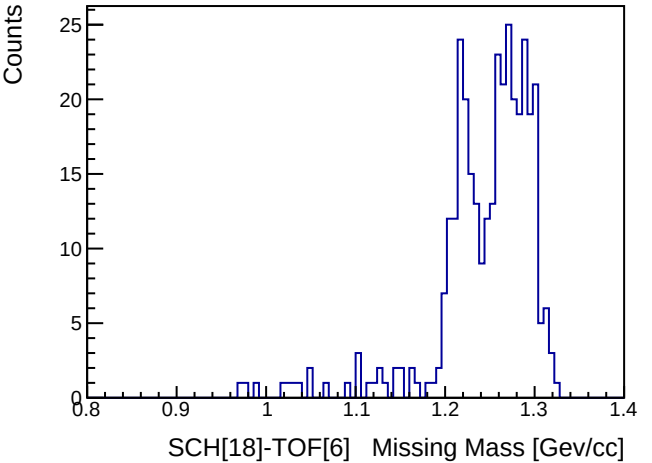

Counts
SCH[17]-TOF[9] SFTX Segment


Counts
SCH[17]-TOF[9] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[18]-TOF[6] SFTX Segment


Counts
25
20
15
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5
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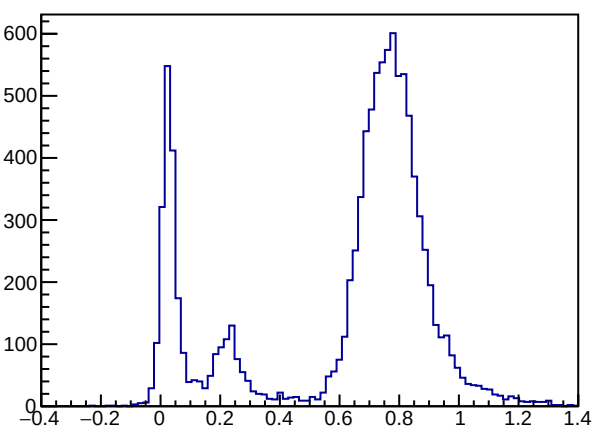
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[18]-TOF[6] Missing Mass [Gev/cc]


600
500
400
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200
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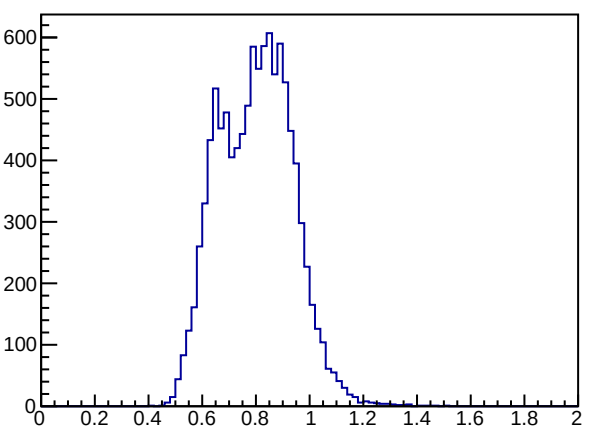
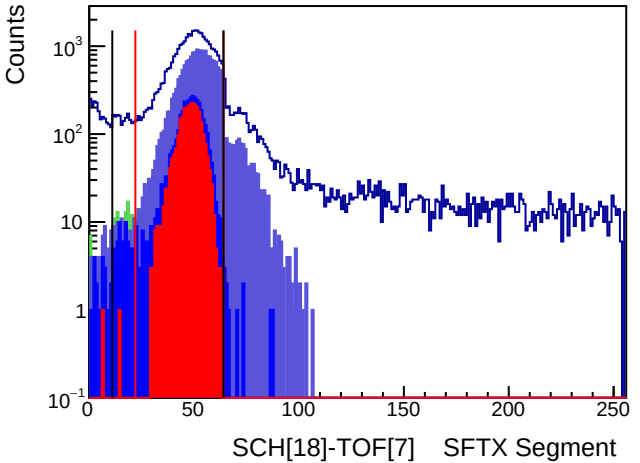
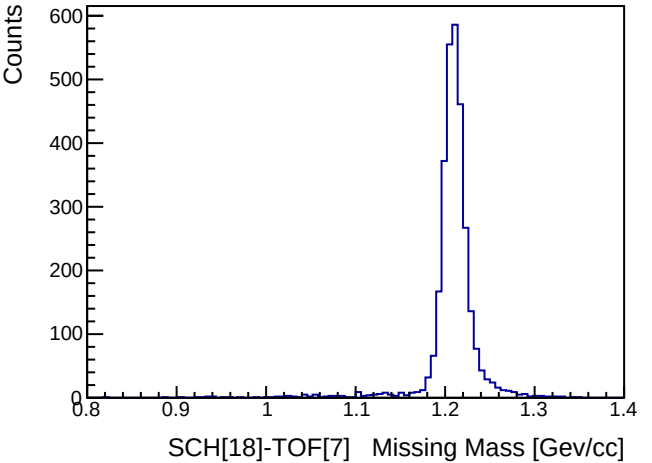
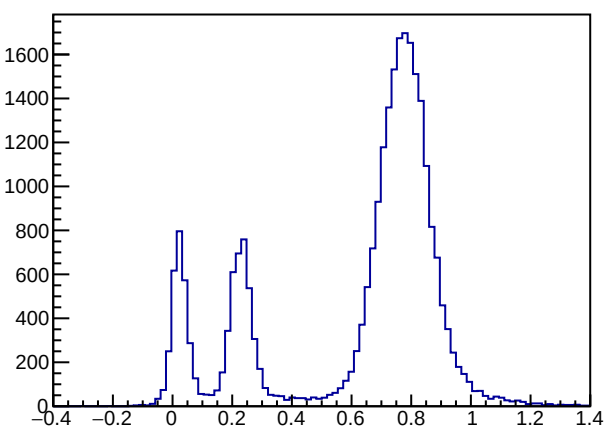
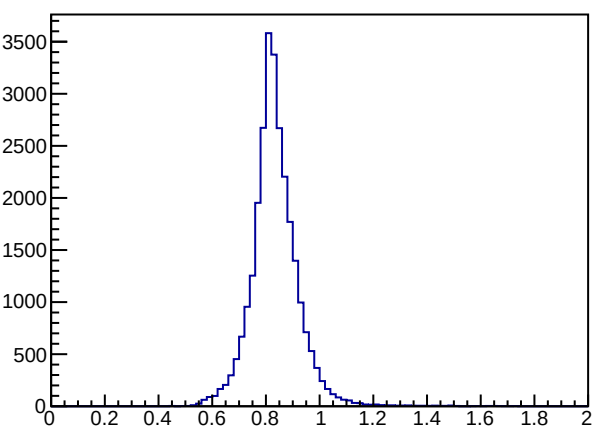
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

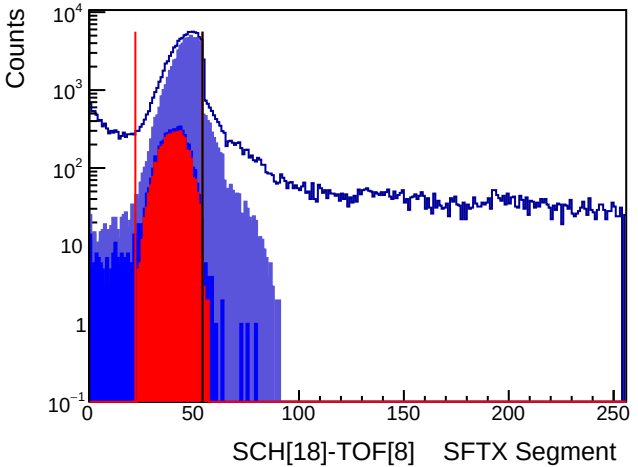

600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

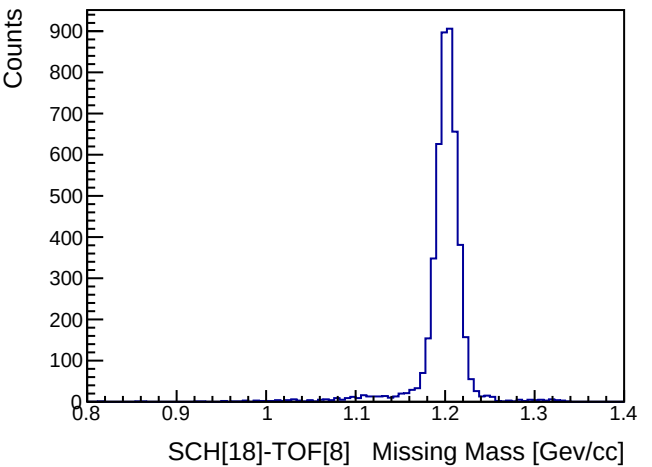

Counts
SCH[18]-TOF[7] SFTX Segment

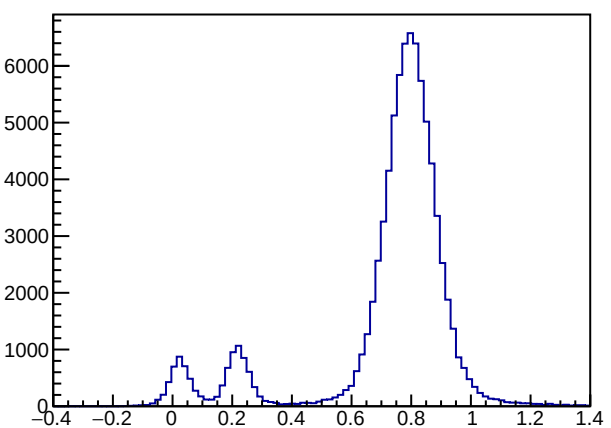

Counts
SCH[18]-TOF[7] Missing Mass [Gev/cc]

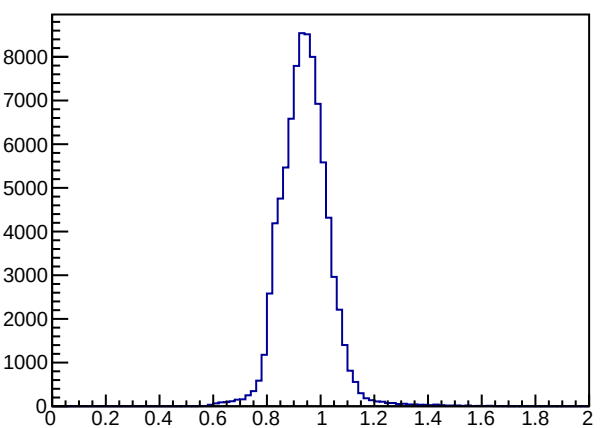


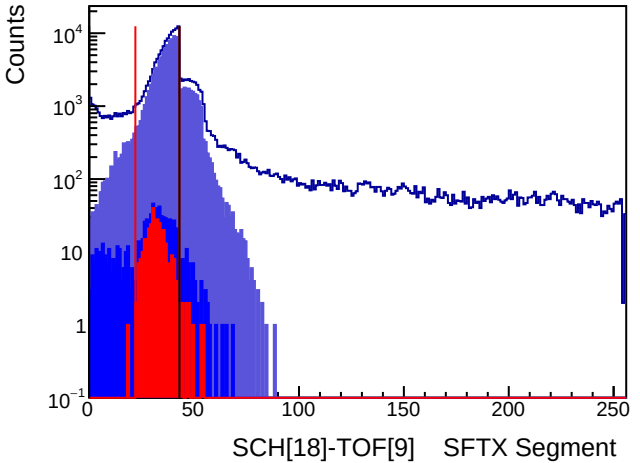


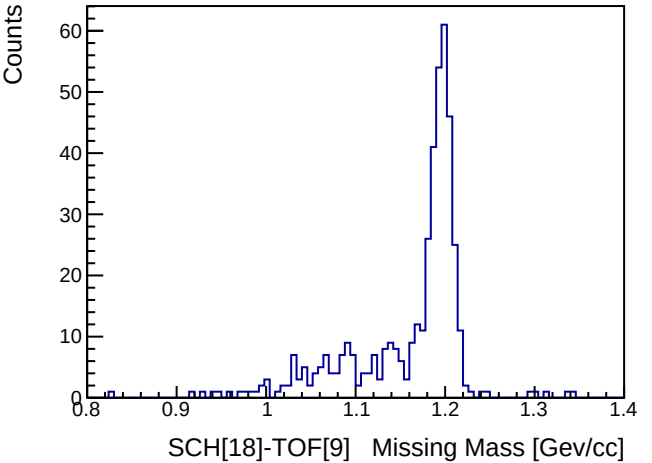

Counts
SCH[18]-TOF[8] SFTX Segment

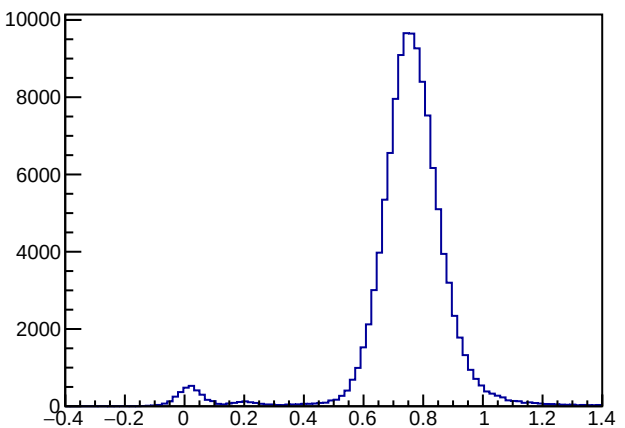

Counts
SCH[18]-TOF[8] Missing Mass [Gev/cc]

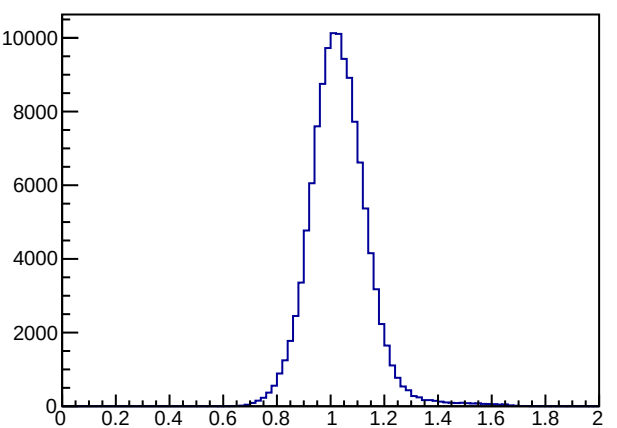


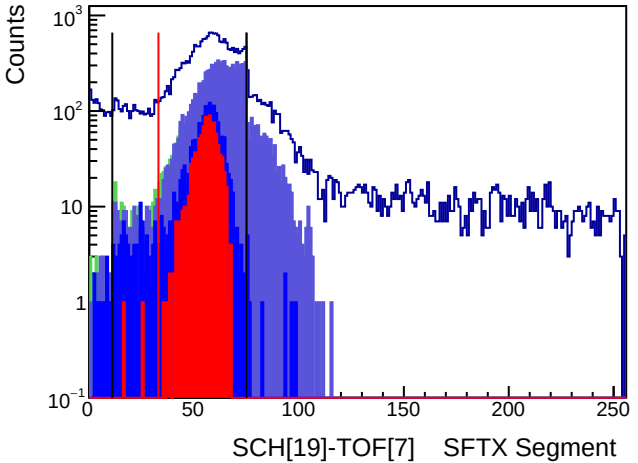



Counts
SCH[18]-TOF[9] SFTX Segment


Counts
SCH[18]-TOF[9] Missing Mass [Gev/cc]



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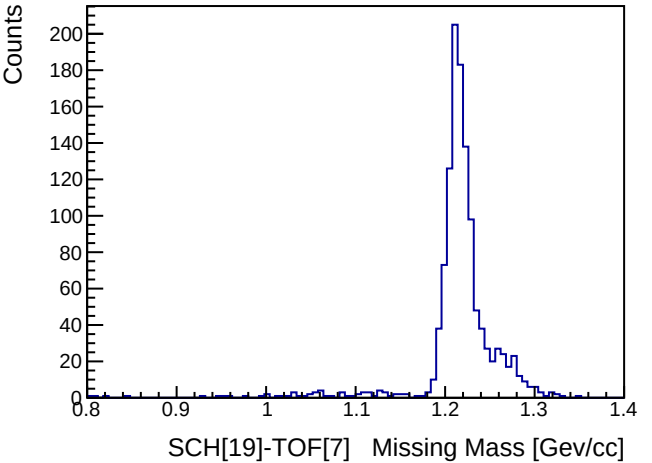
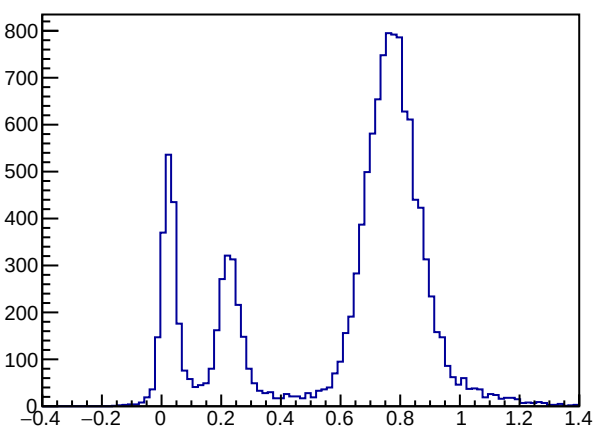
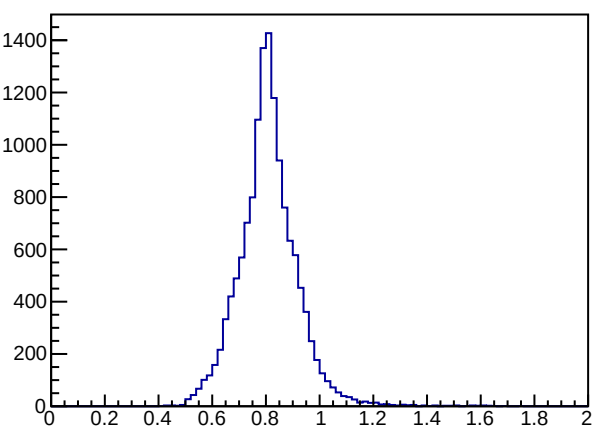
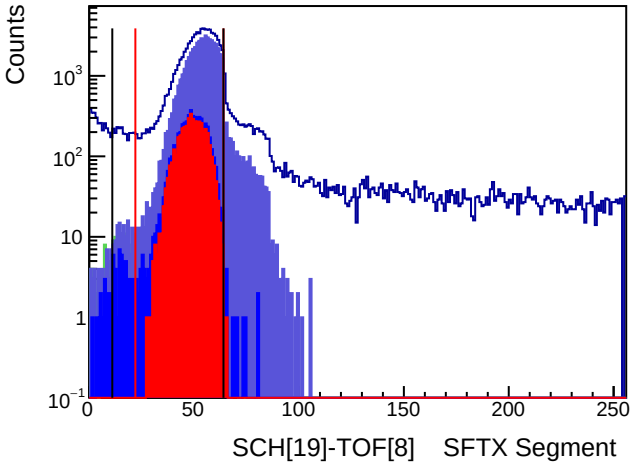
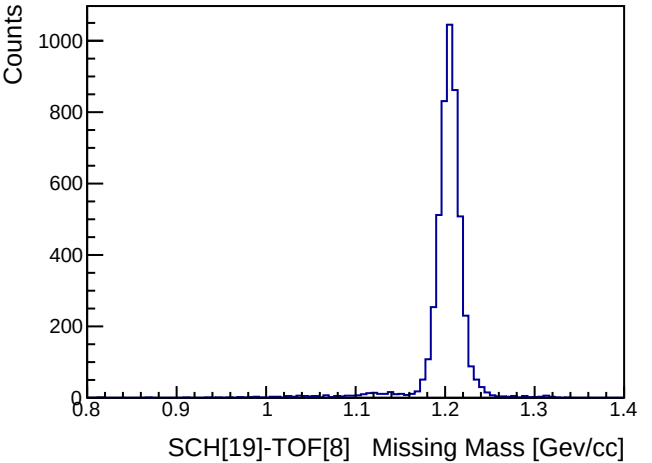
SCH[19]-TOF[7] SFTX Segment

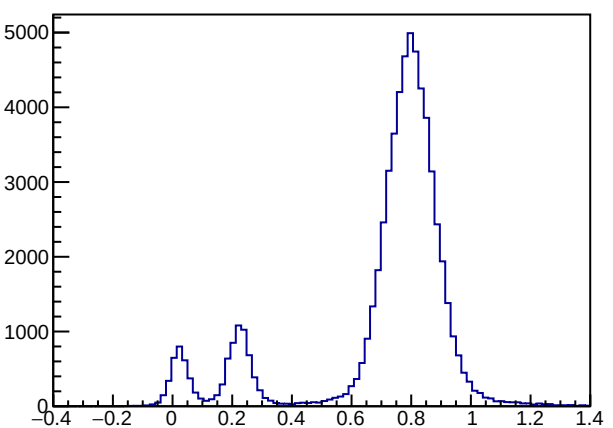

Counts
SCH[19]-TOF[7] Missing Mass [Gev/cc]

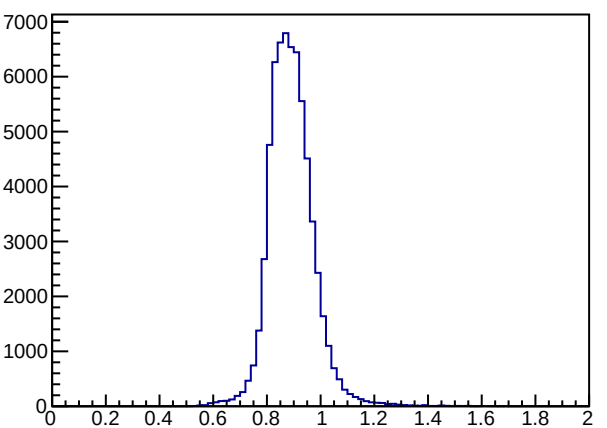


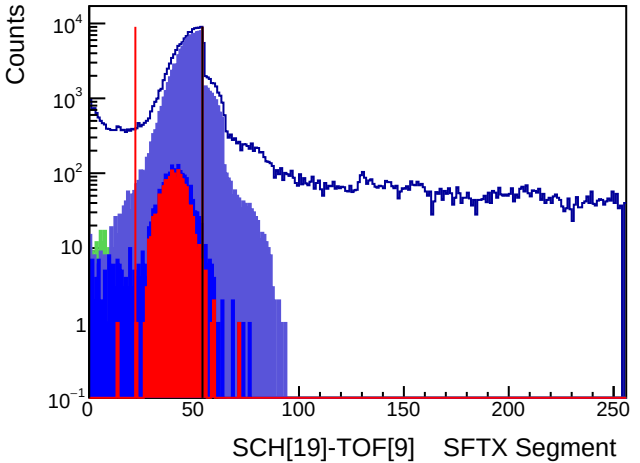


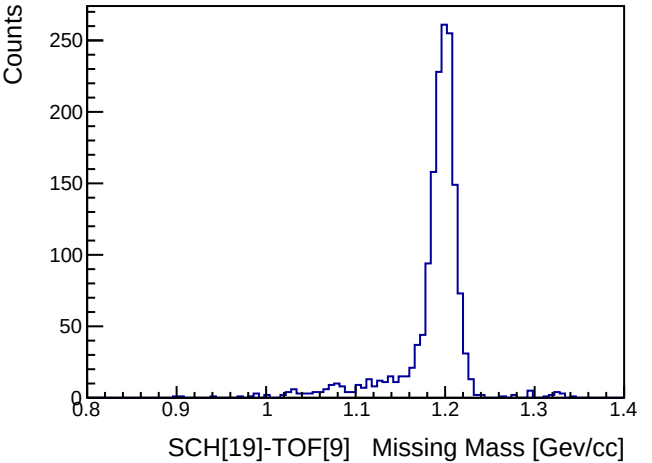

Counts
SCH[19]-TOF[8] SFTX Segment

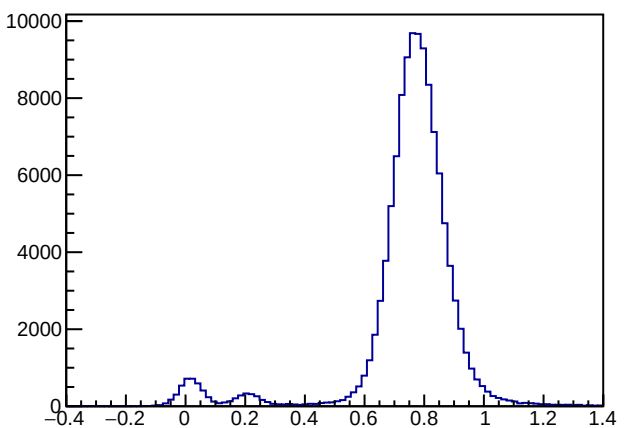

Counts
SCH[19]-TOF[8] Missing Mass [Gev/cc]

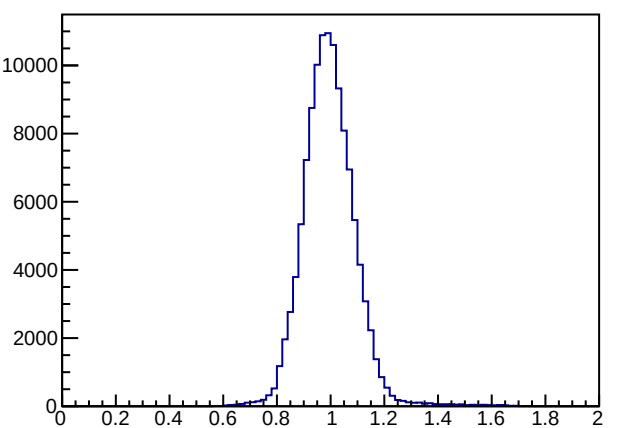


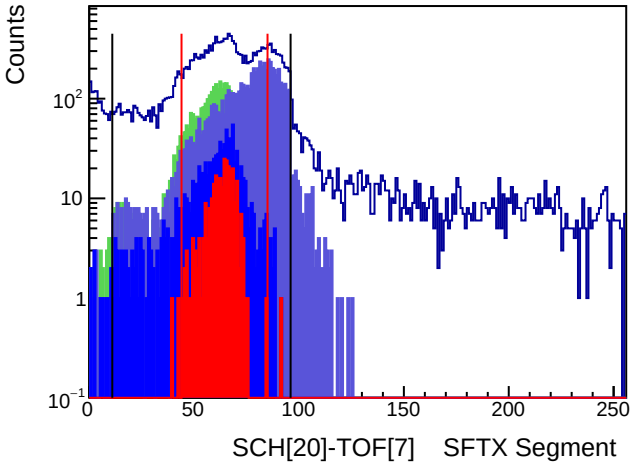


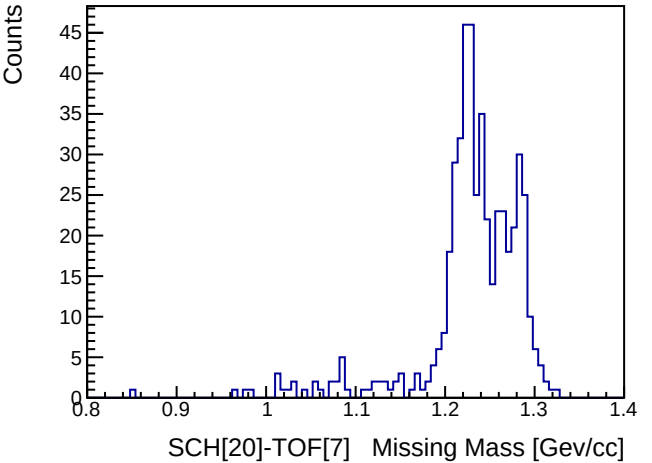

Counts
SCH[19]-TOF[9] SFTX Segment

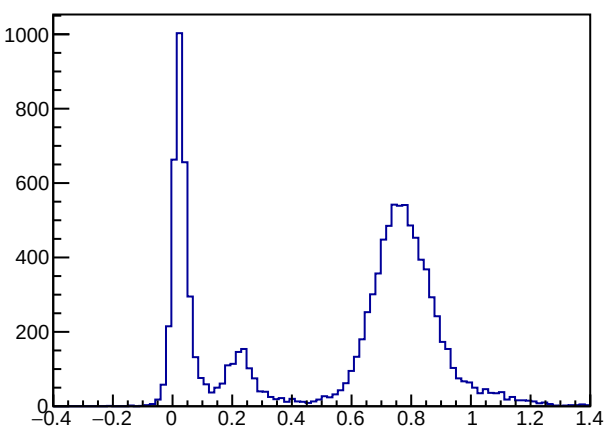

Counts
SCH[19]-TOF[9] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[20]-TOF[7] SFTX Segment


Counts
45
40
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[20]-TOF[7] Missing Mass [Gev/cc]


1000
800
600
400
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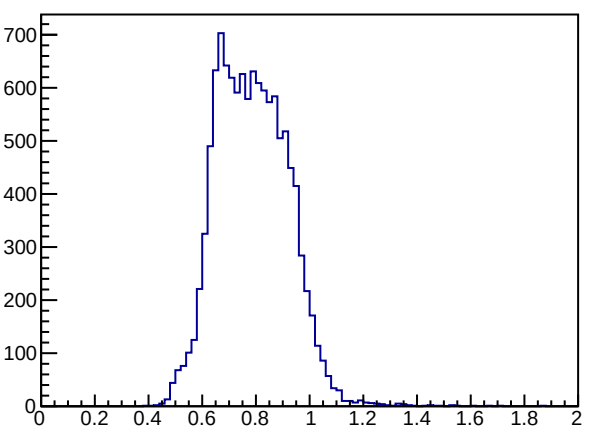
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


700
600
500
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100
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0
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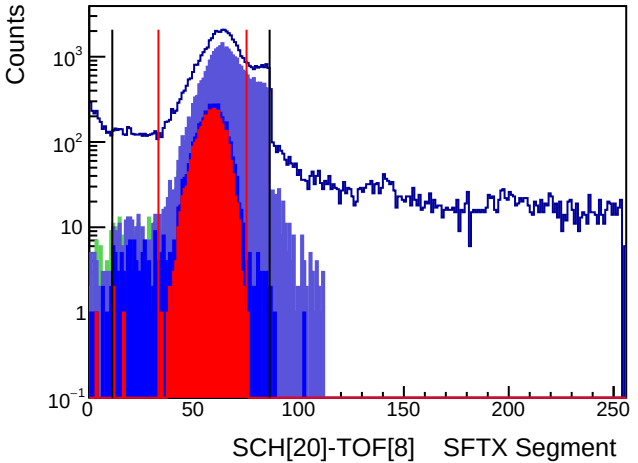
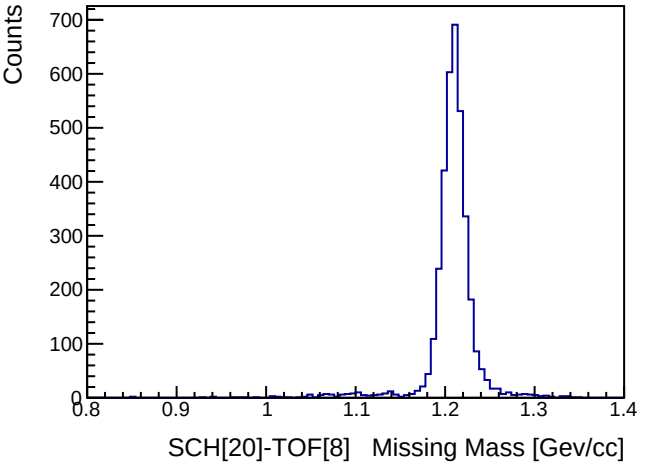
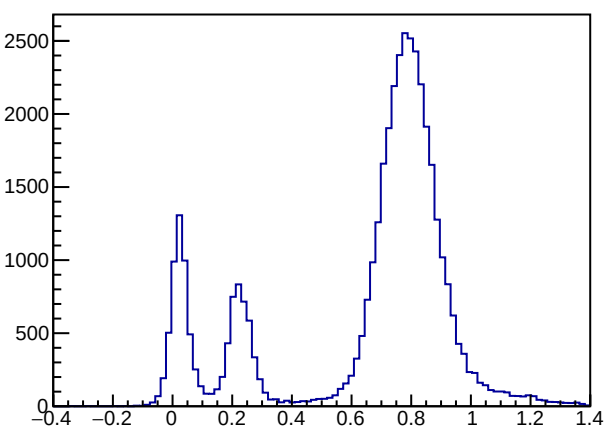
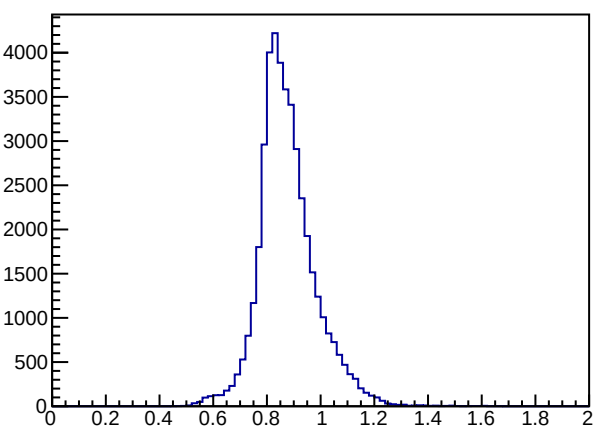
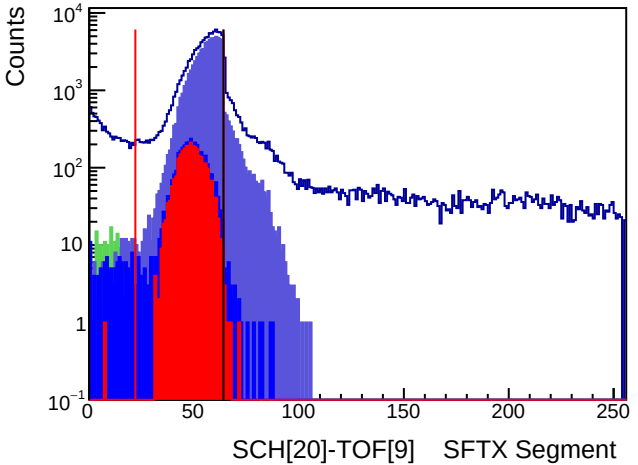
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

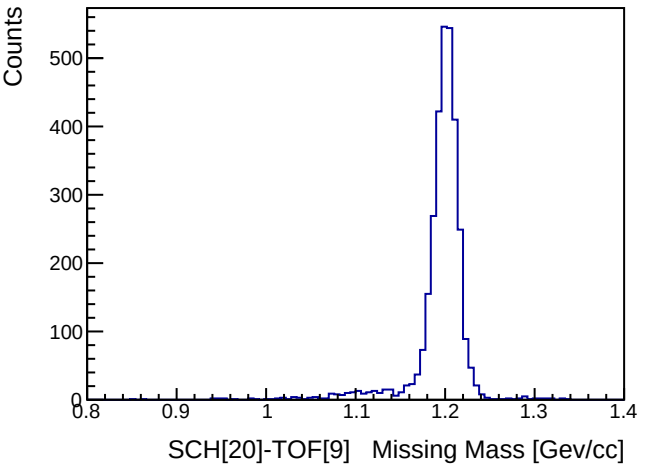

Counts
SCH[20]-TOF[8] SFTX Segment

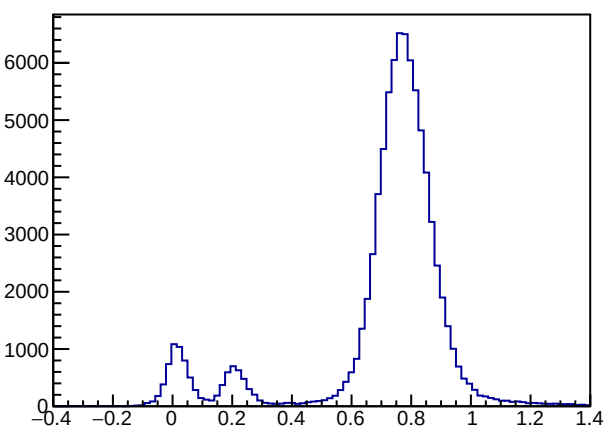

Counts
SCH[20]-TOF[8] Missing Mass [Gev/cc]

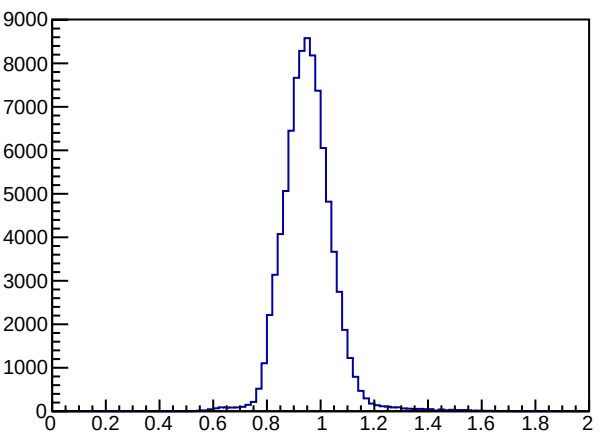


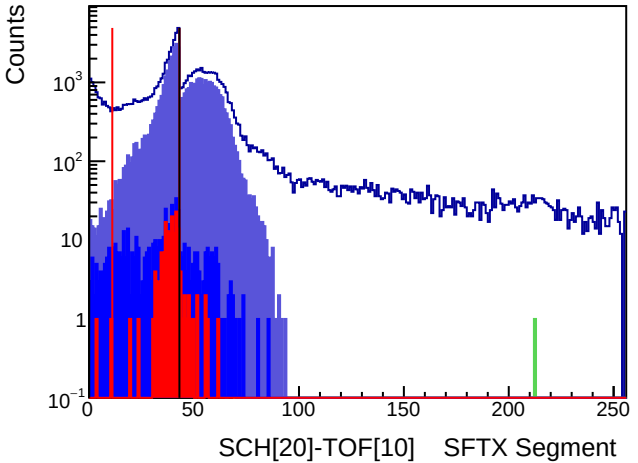


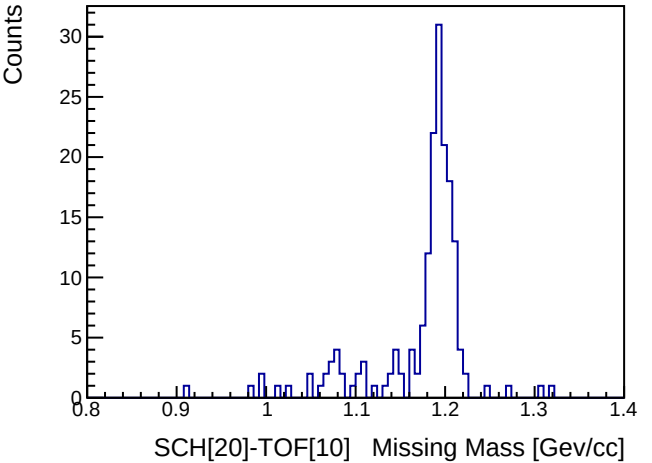

Counts
SCH[20]-TOF[9] SFTX Segment

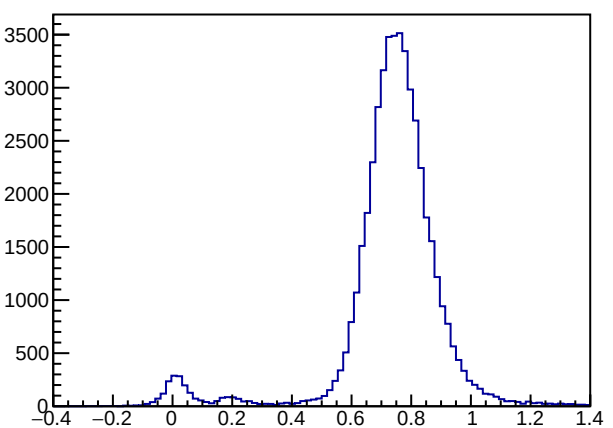

Counts
SCH[20]-TOF[9] Missing Mass [Gev/cc]

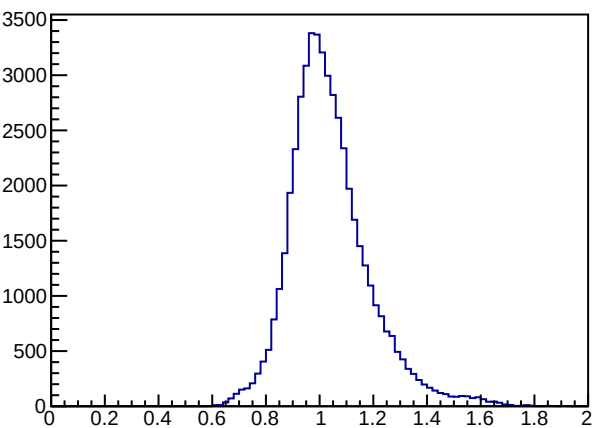


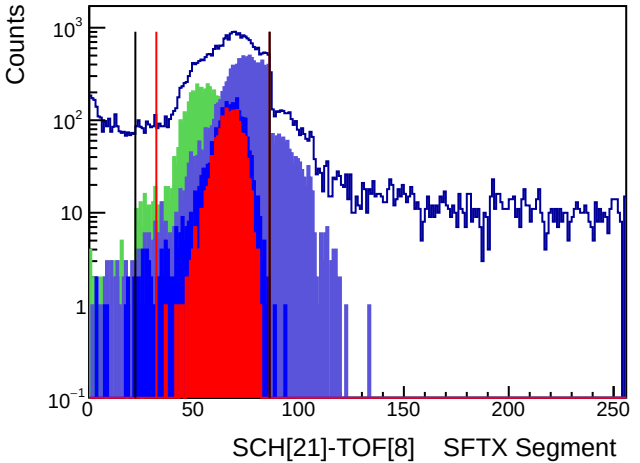


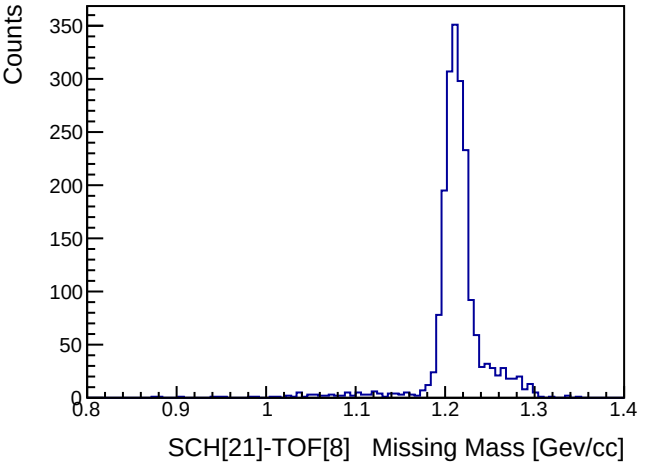

Counts
SCH[20]-TOF[10] SFTX Segment

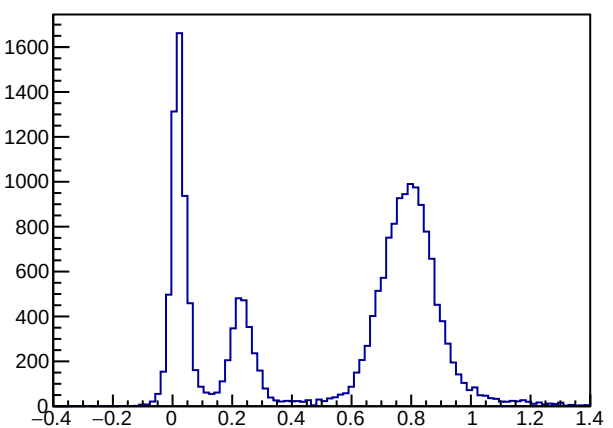

Counts
SCH[20]-TOF[10] Missing Mass [Gev/cc]

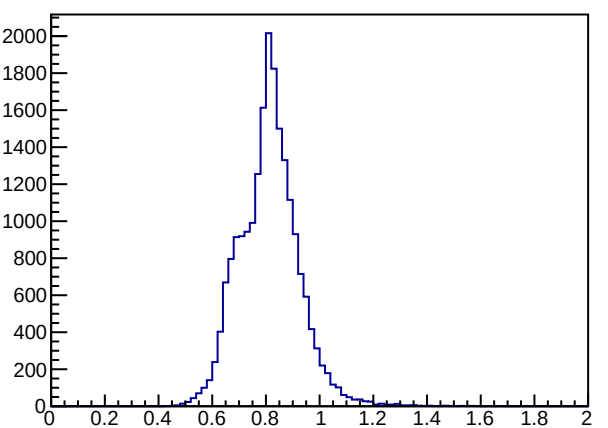


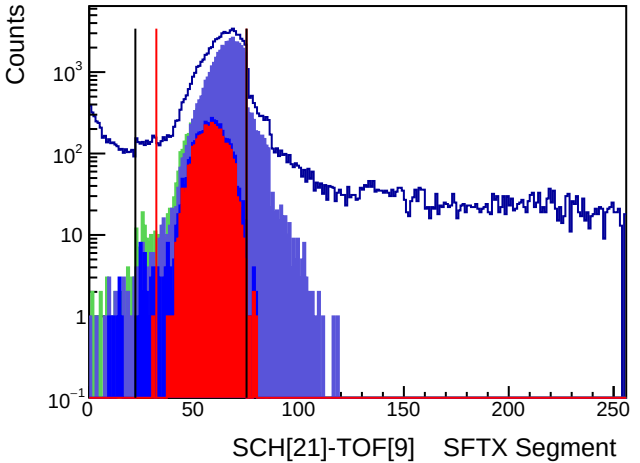


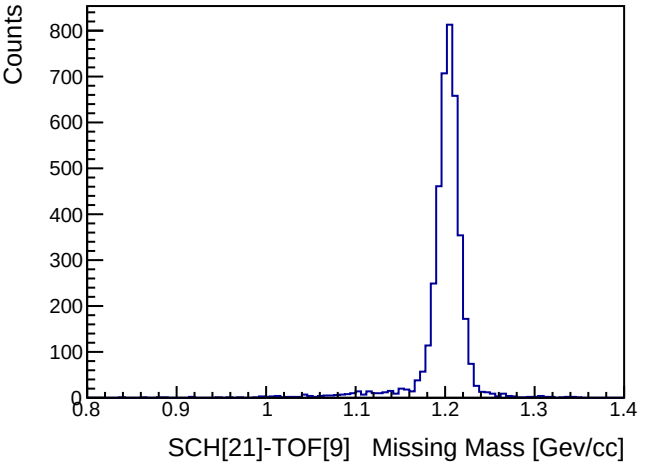

Counts
SCH[21]-TOF[8] SFTX Segment

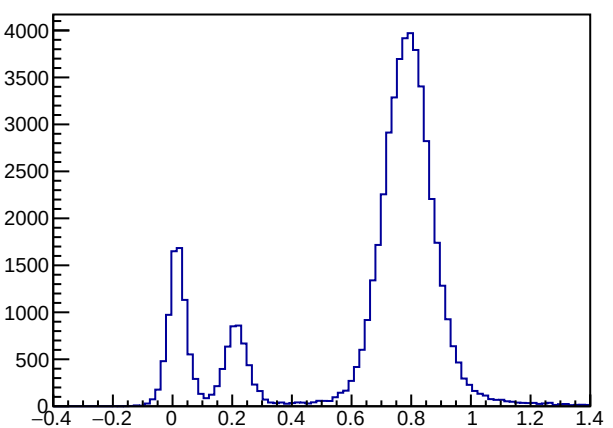

Counts
SCH[21]-TOF[8] Missing Mass [Gev/cc]

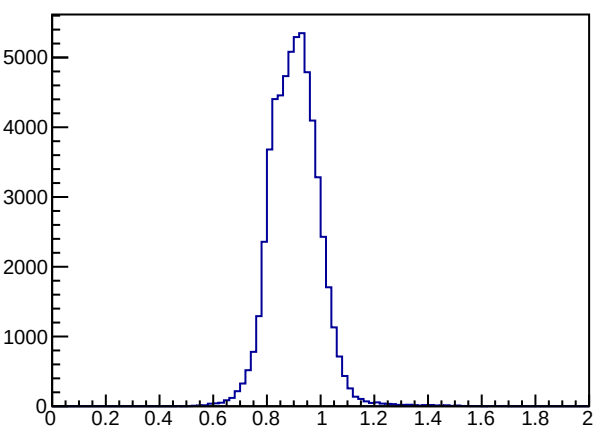


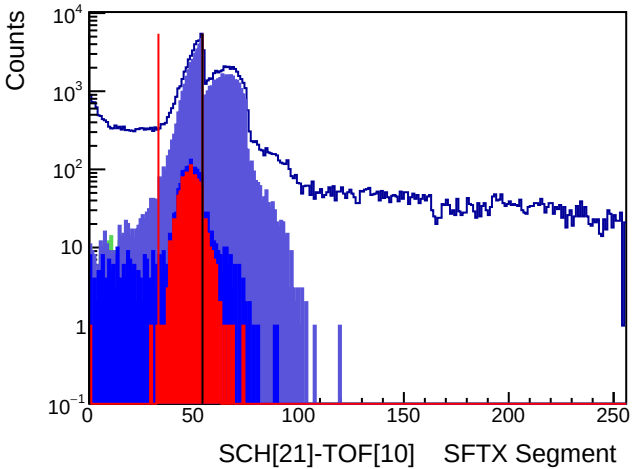


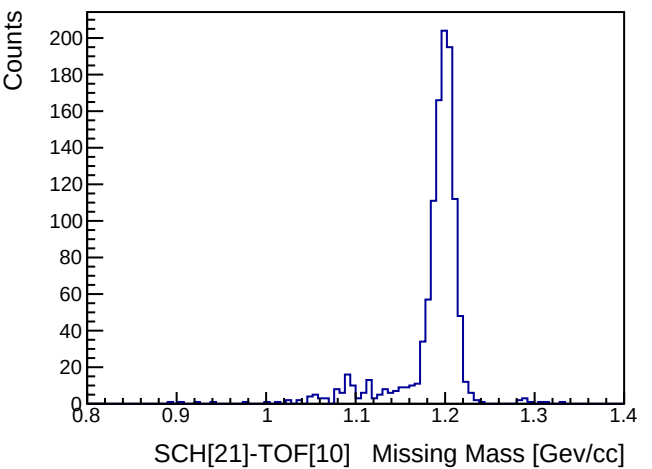

Counts
SCH[21]-TOF[9] SFTX Segment

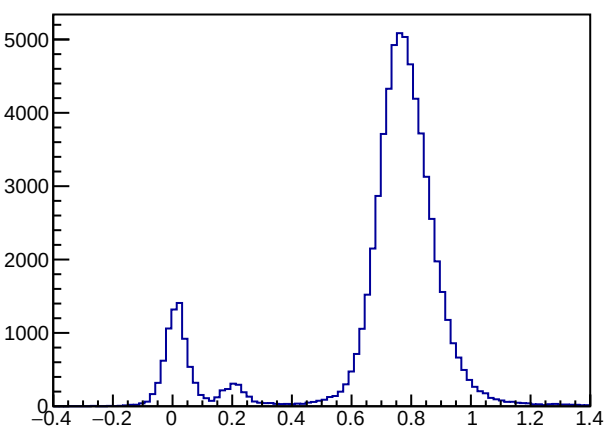

Counts
SCH[21]-TOF[9] Missing Mass [Gev/cc]

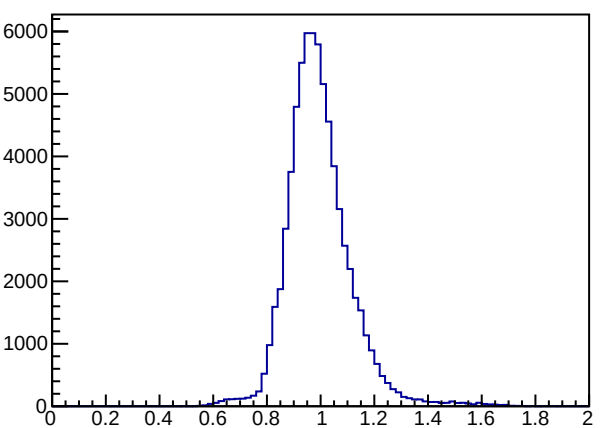


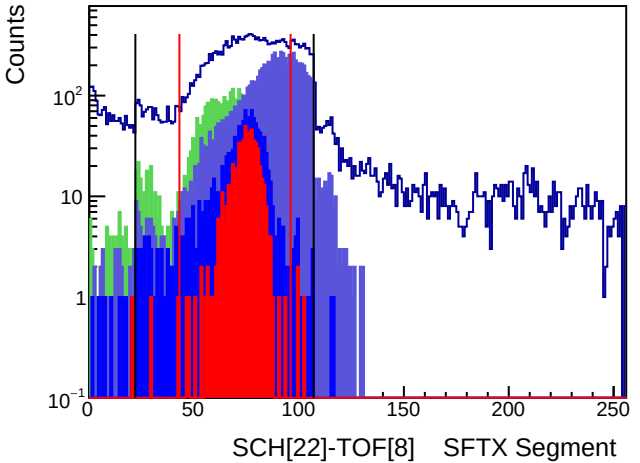


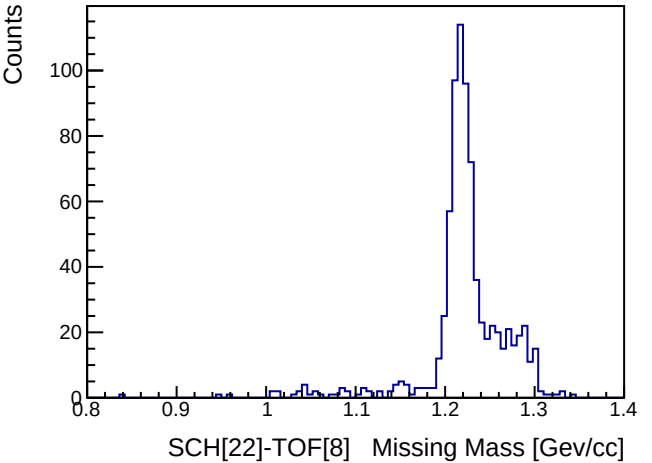

Counts
SCH[21]-TOF[10] SFTX Segment

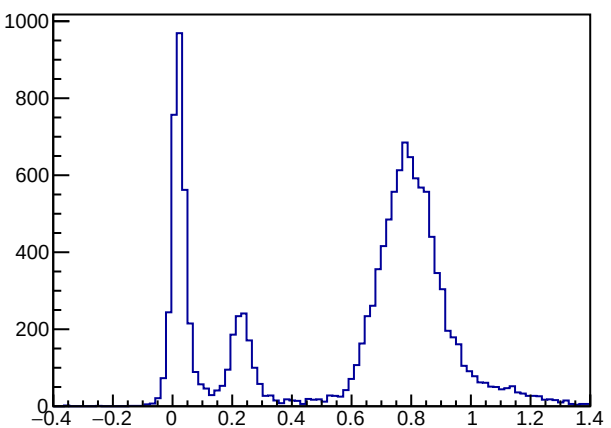

Counts
SCH[21]-TOF[10] Missing Mass [Gev/cc]

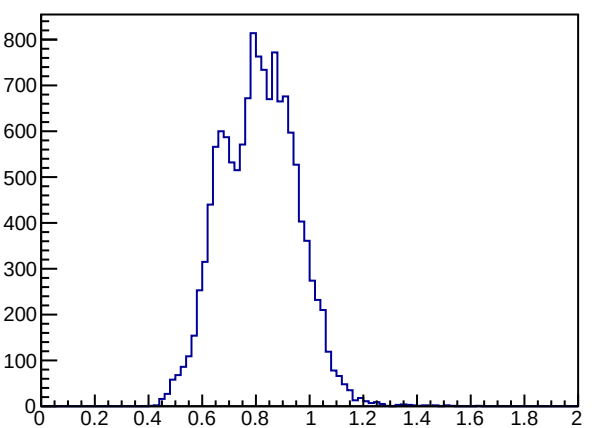


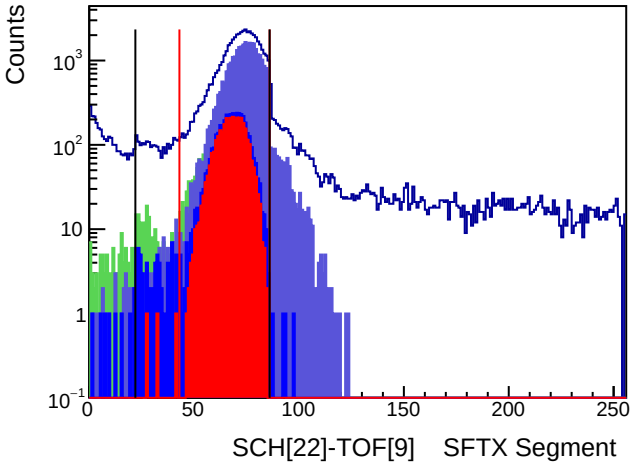


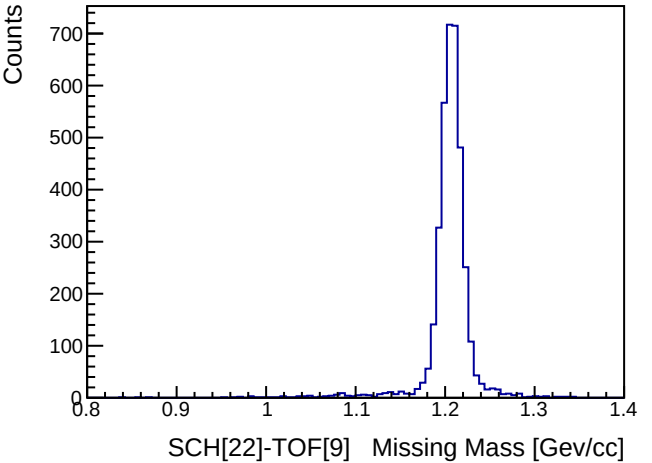

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[22]-TOF[8] SFTX Segment

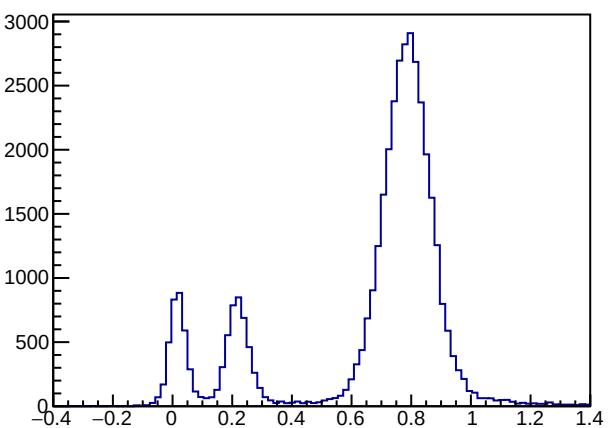

Counts
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[22]-TOF[8] Missing Mass [Gev/cc]

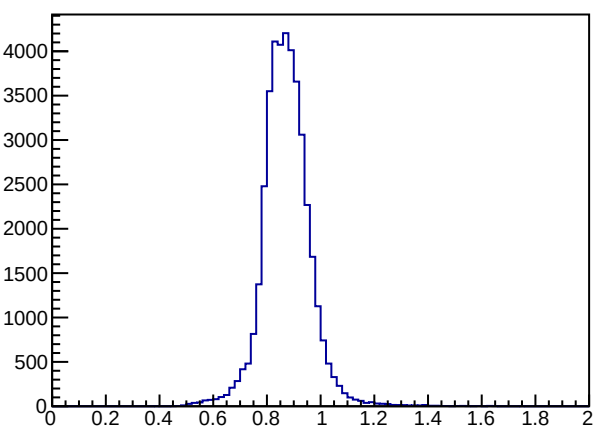

1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

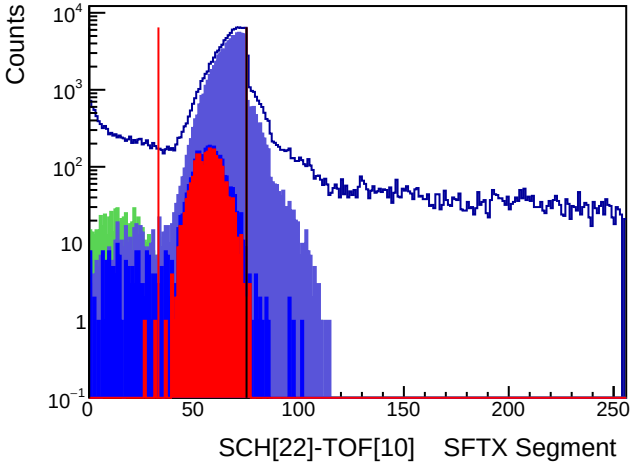

800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

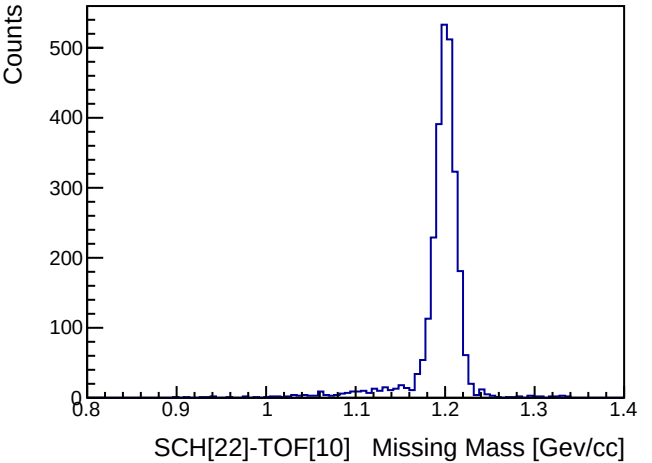

Counts
SCH[22]-TOF[9] SFTX Segment

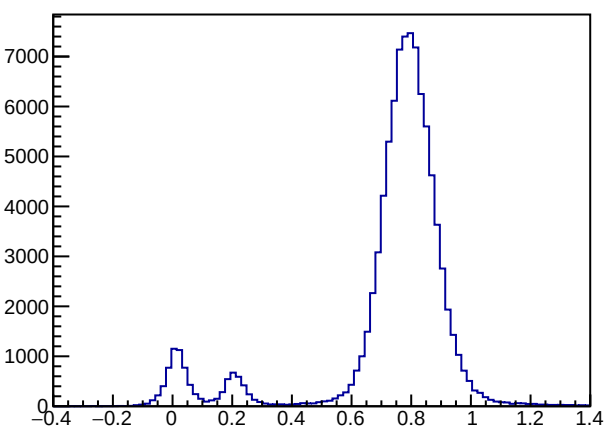

Counts
SCH[22]-TOF[9] Missing Mass [Gev/cc]

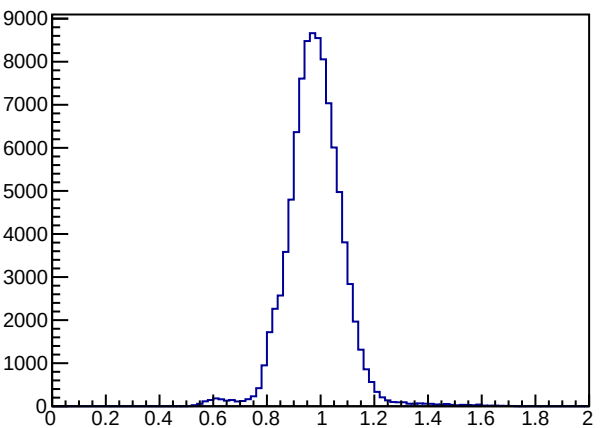


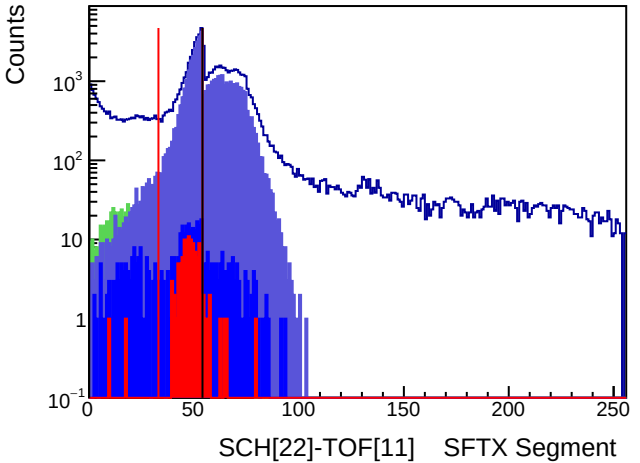


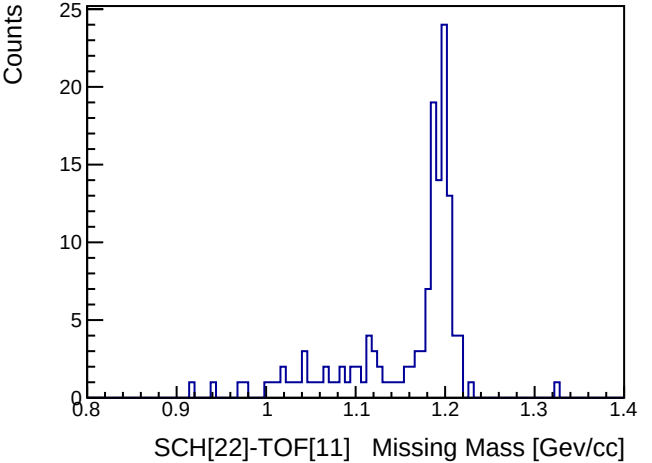

Counts
SCH[22]-TOF[10] SFTX Segment

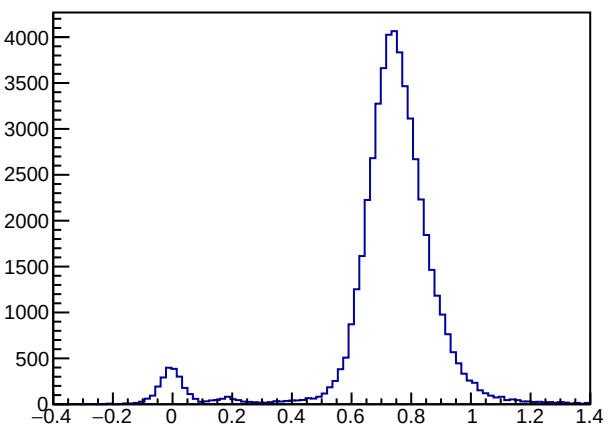

Counts
SCH[22]-TOF[10] Missing Mass [Gev/cc]

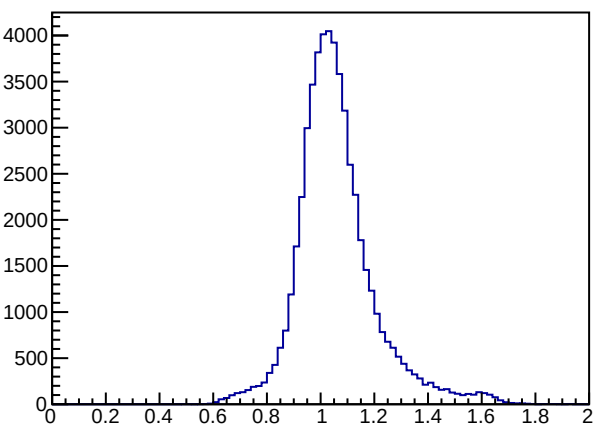


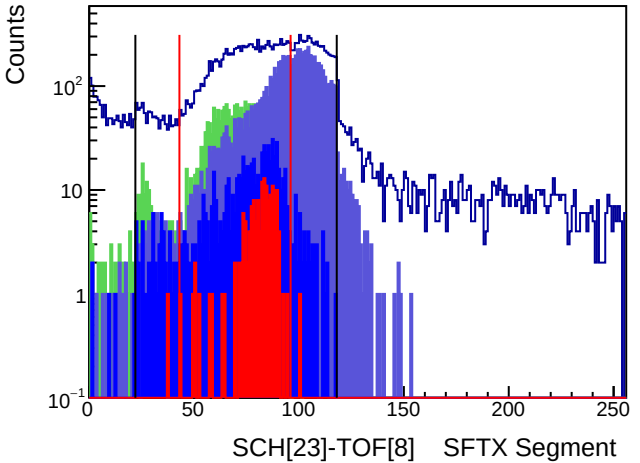


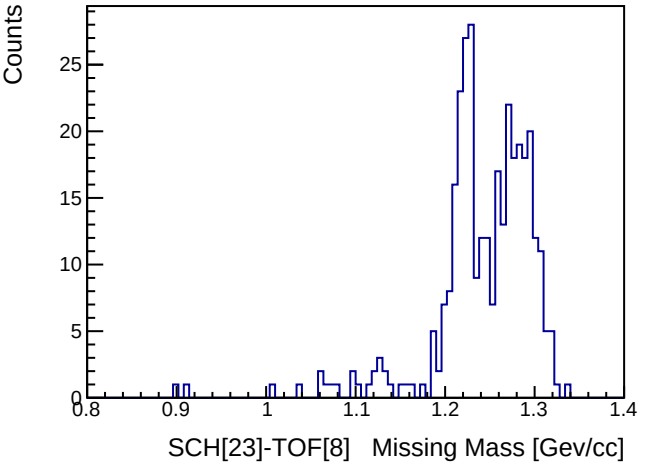

Counts
SCH[22]-TOF[11] SFTX Segment


Counts
SCH[22]-TOF[11] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[23]-TOF[8] SFTX Segment


Counts
25
20
15
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5
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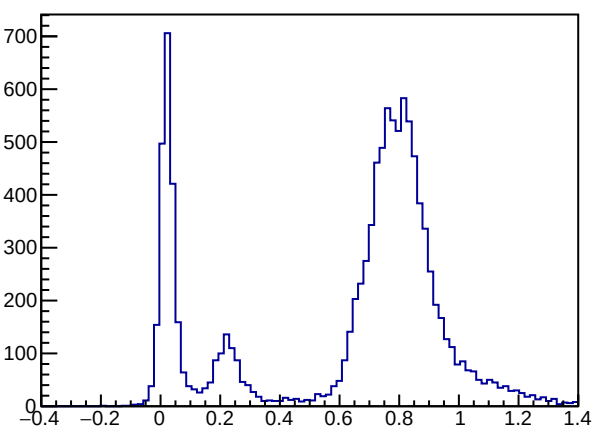
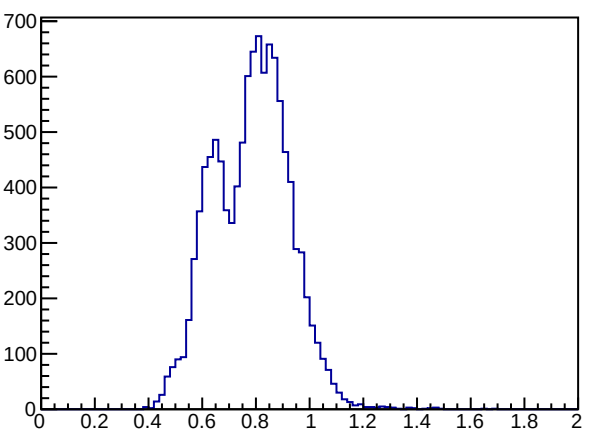
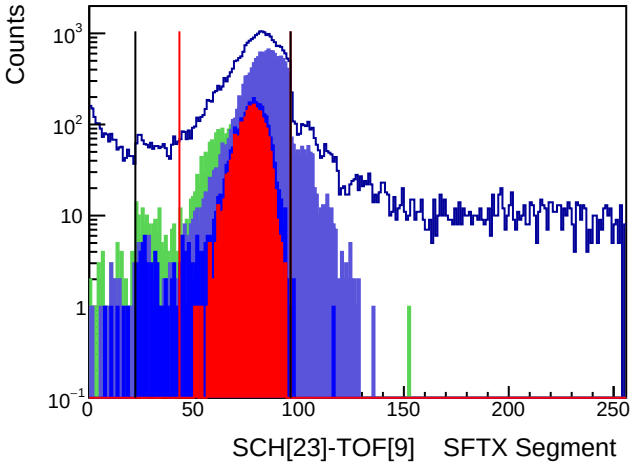
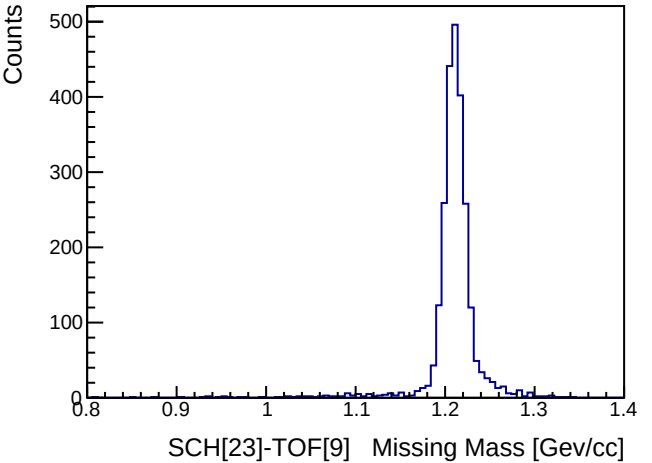
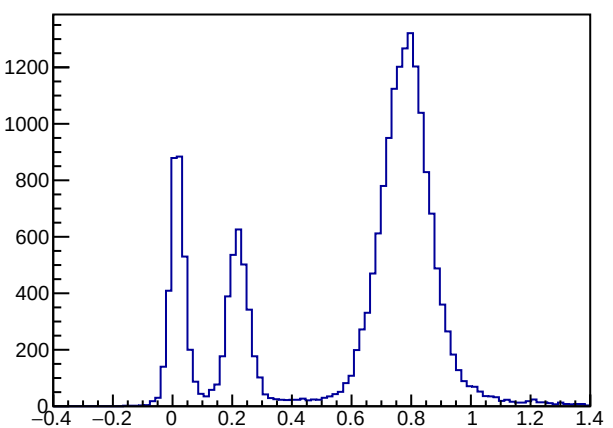
0.9
1
1.1
1.2
1.3
1.4
SCH[23]-TOF[8] Missing Mass [Gev/cc]

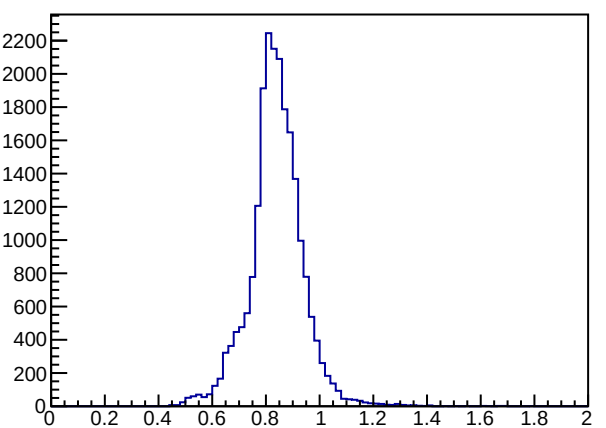

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

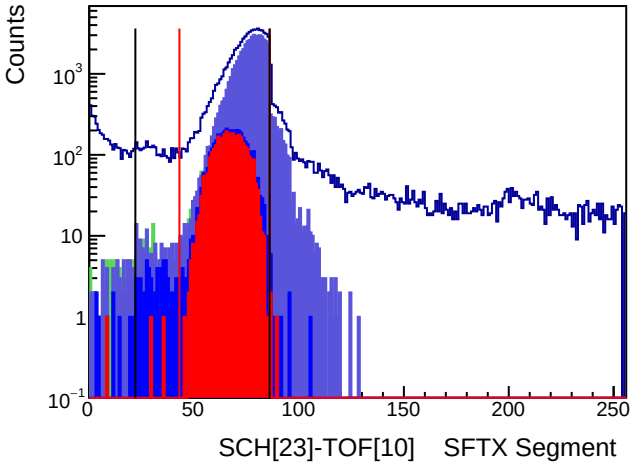

700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

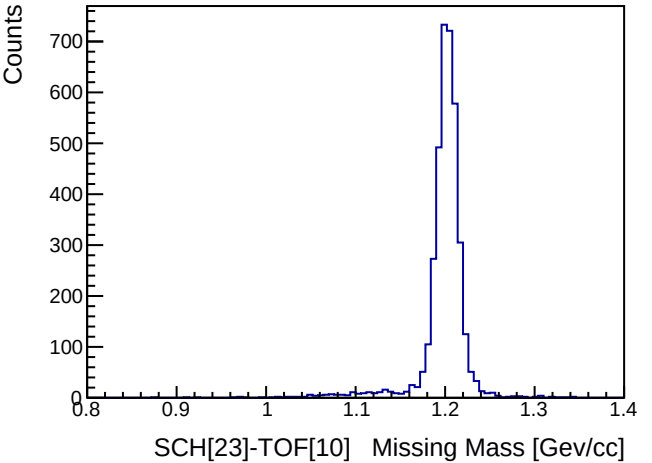

Counts
SCH[23]-TOF[9] SFTX Segment

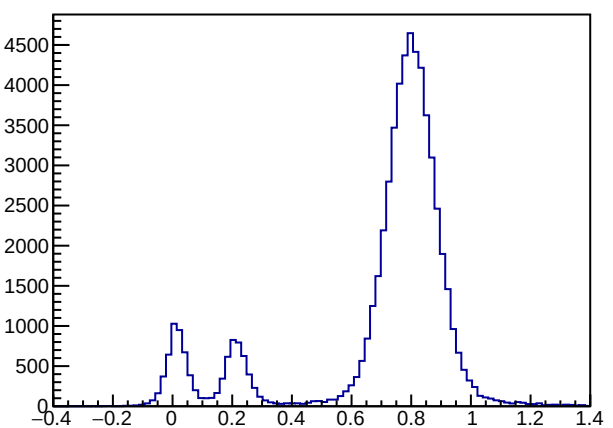

Counts
SCH[23]-TOF[9] Missing Mass [Gev/cc]

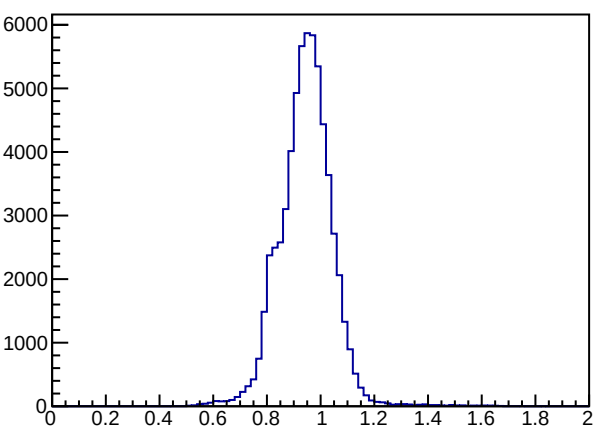


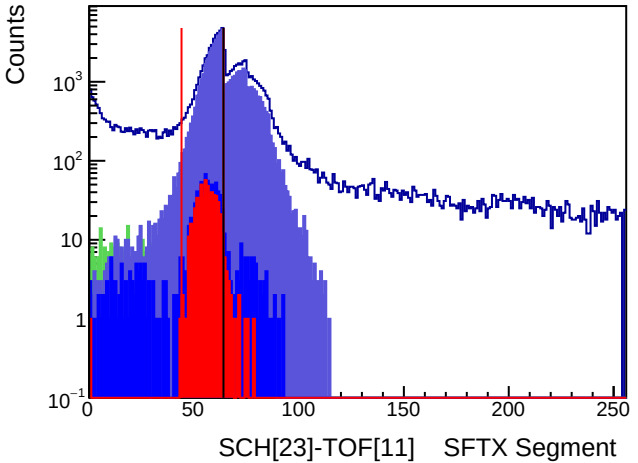


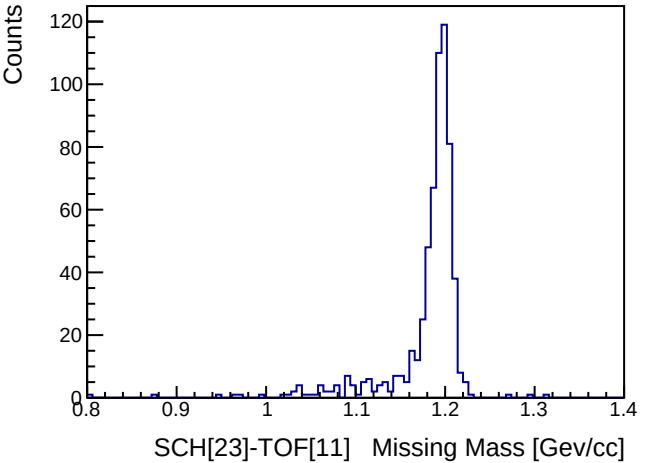

Counts
SCH[23]-TOF[10] SFTX Segment

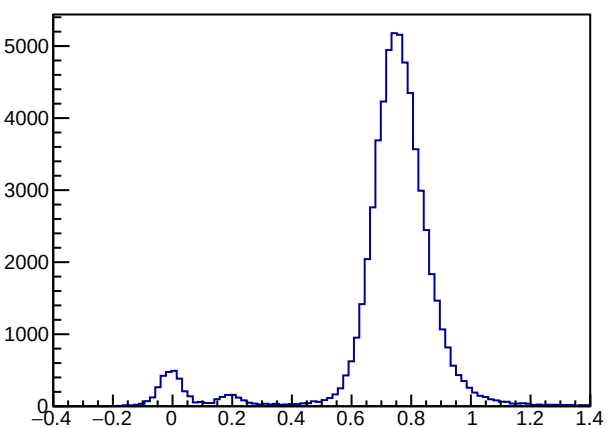

Counts
SCH[23]-TOF[10] Missing Mass [Gev/cc]

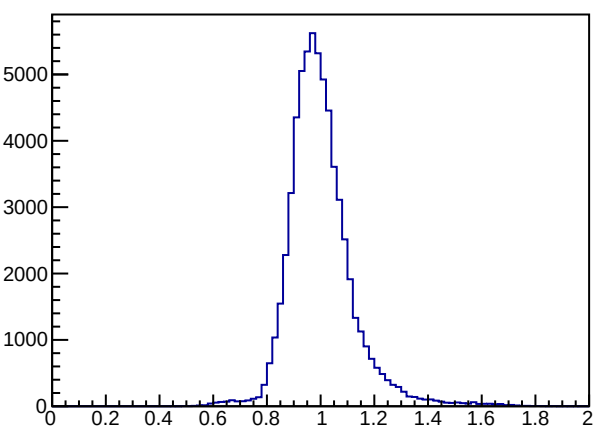


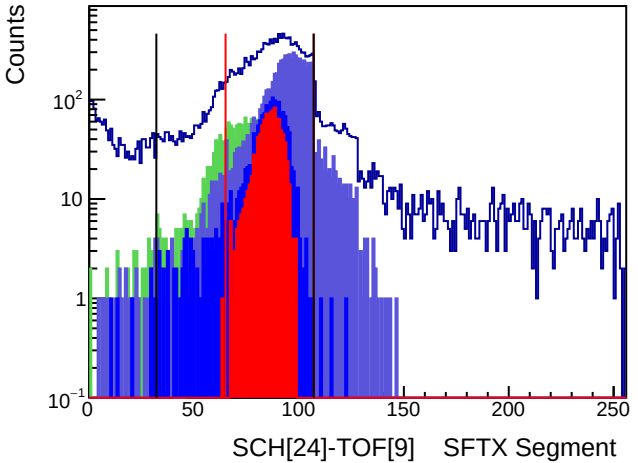


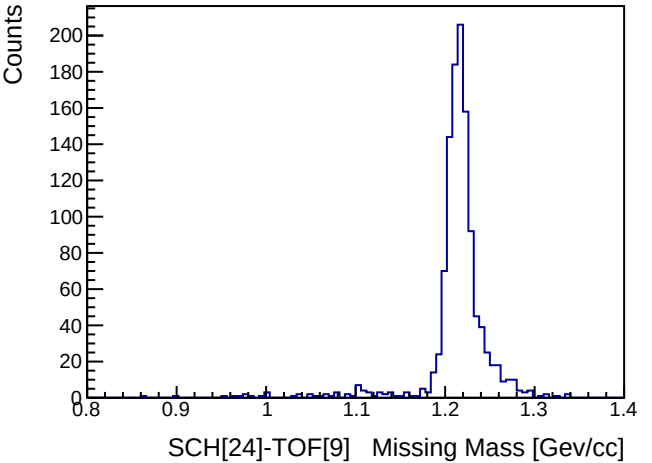

Counts
10^3
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[23]-TOF[11] SFTX Segment

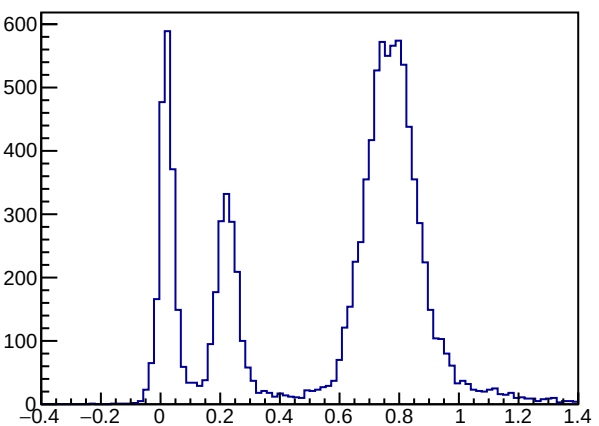

Counts
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[23]-TOF[11] Missing Mass [Gev/cc]

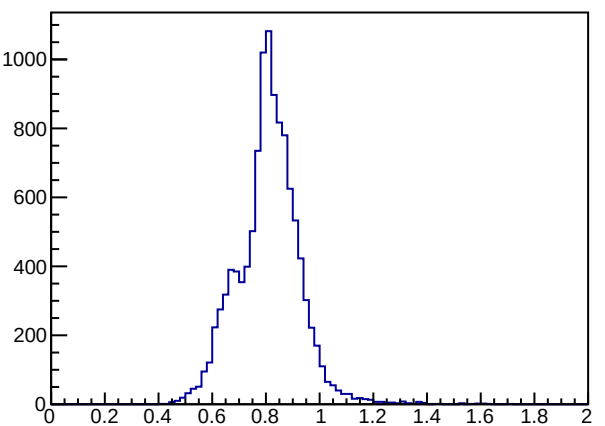

5000
4000
3000
2000
1000
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

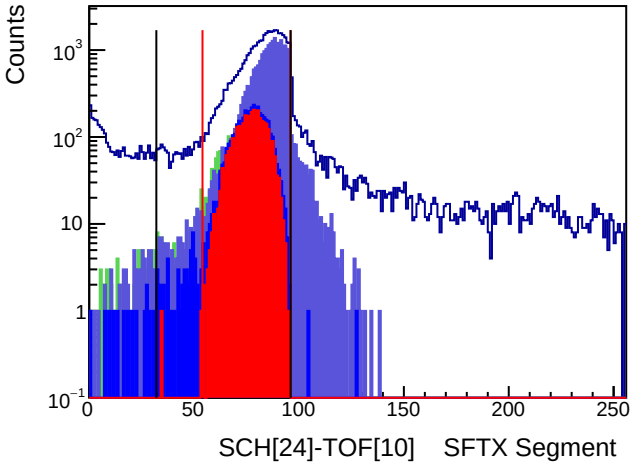

5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

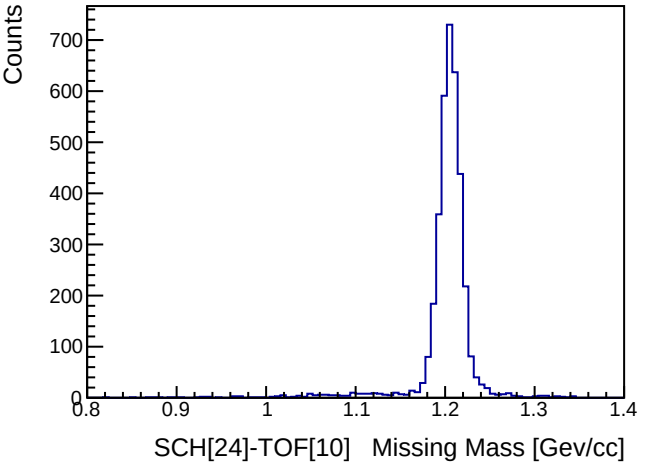

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[24]-TOF[9] SFTX Segment

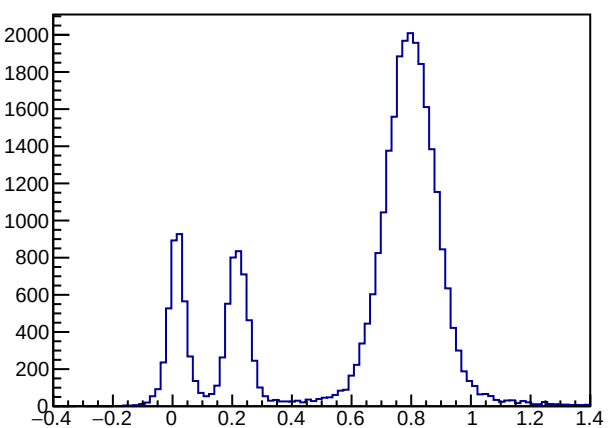

Counts
200
180
160
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[24]-TOF[9] Missing Mass [Gev/cc]

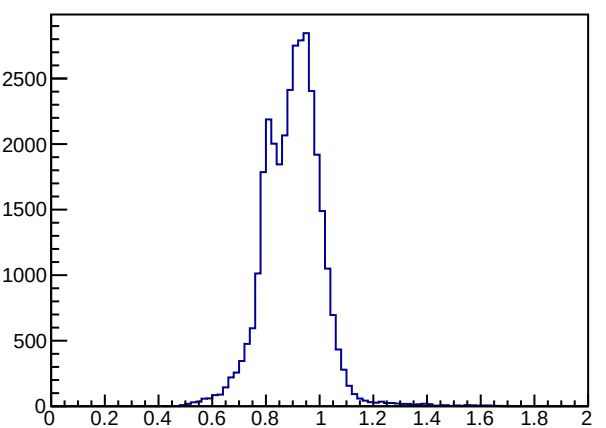

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

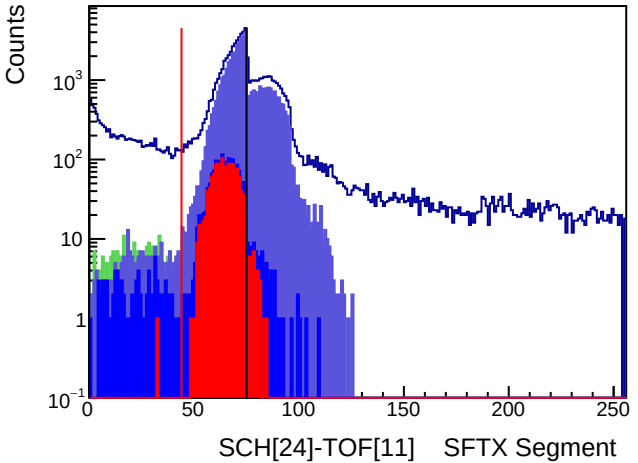

1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

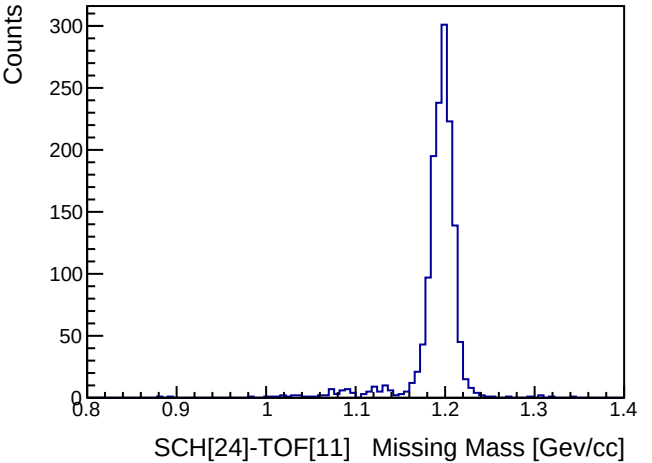

Counts
SCH[24]-TOF[10] SFTX Segment

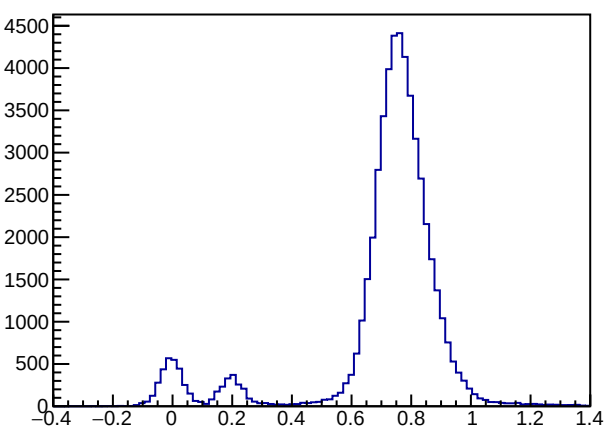

Counts
SCH[24]-TOF[10] Missing Mass [Gev/cc]

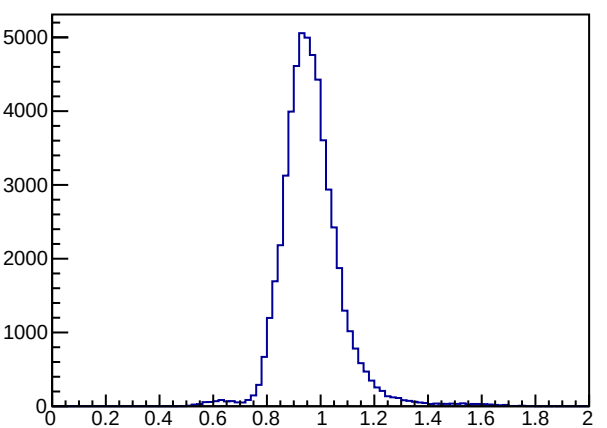


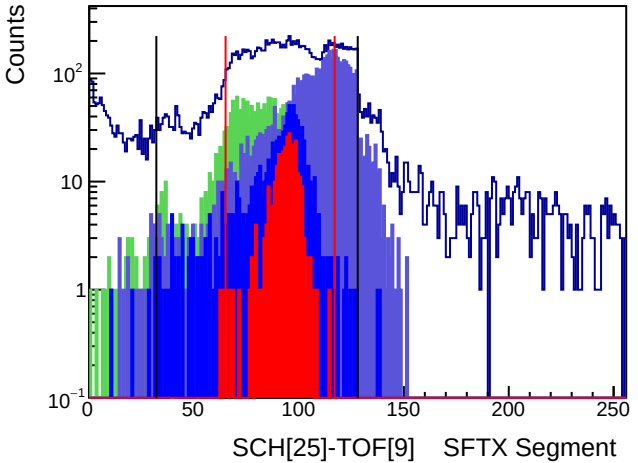


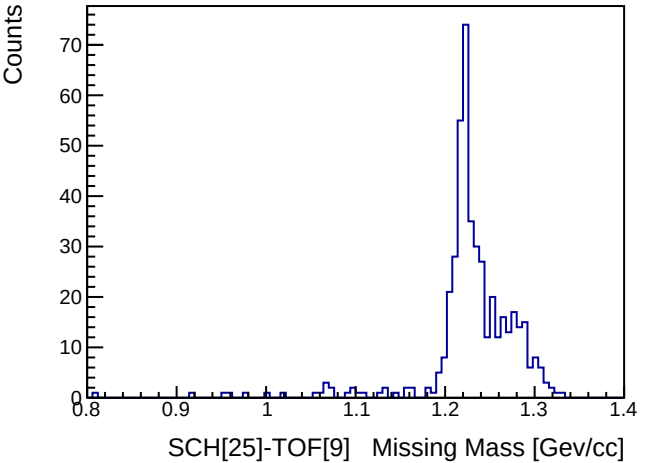

Counts
SCH[24]-TOF[11] SFTX Segment

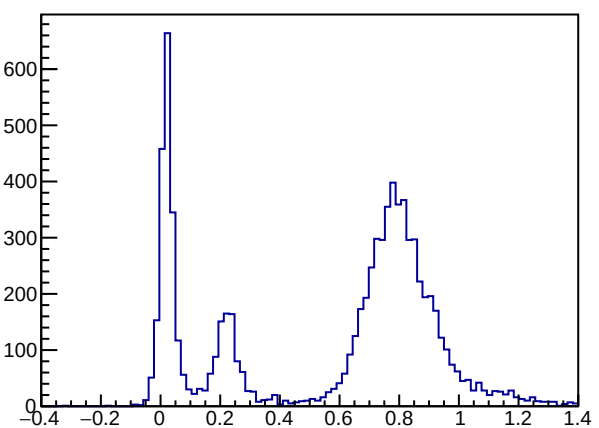

Counts
SCH[24]-TOF[11] Missing Mass [Gev/cc]

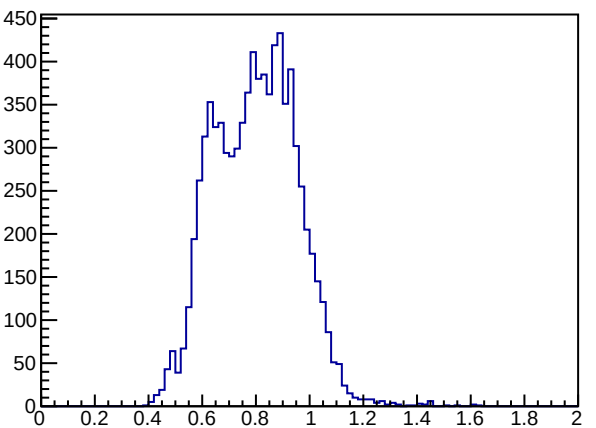


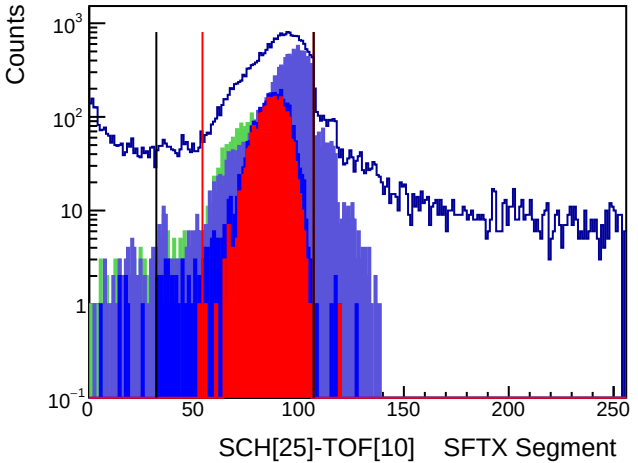


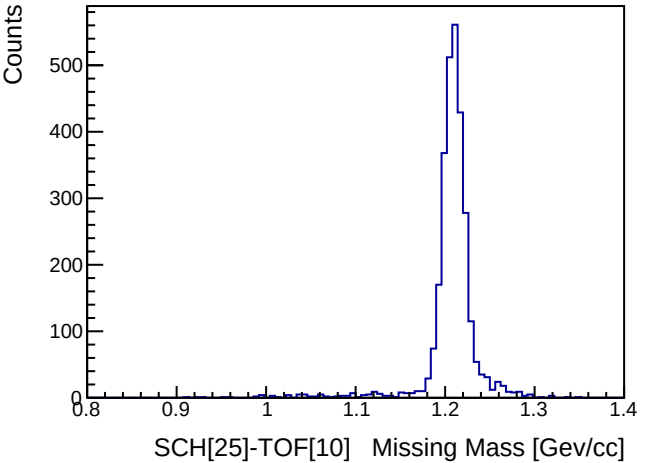

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[25]-TOF[9] SFTX Segment

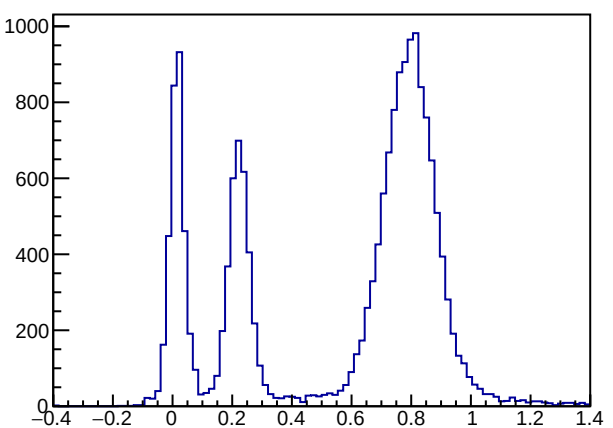

Counts
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[25]-TOF[9] Missing Mass [Gev/cc]

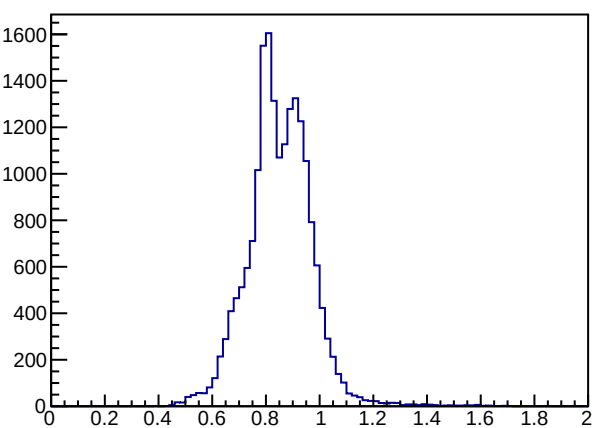

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

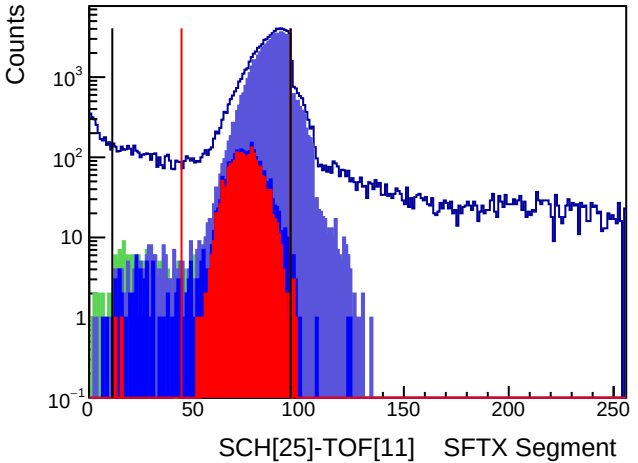

450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

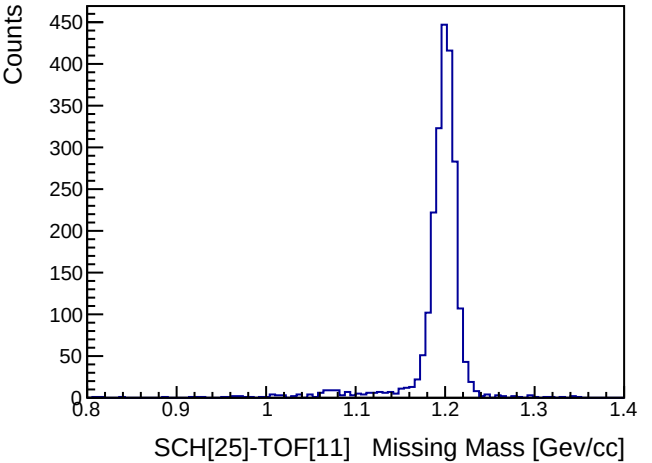

Counts
SCH[25]-TOF[10] SFTX Segment

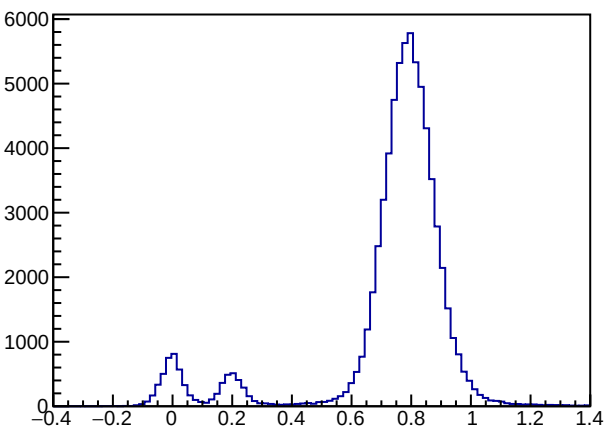

Counts
SCH[25]-TOF[10] Missing Mass [Gev/cc]

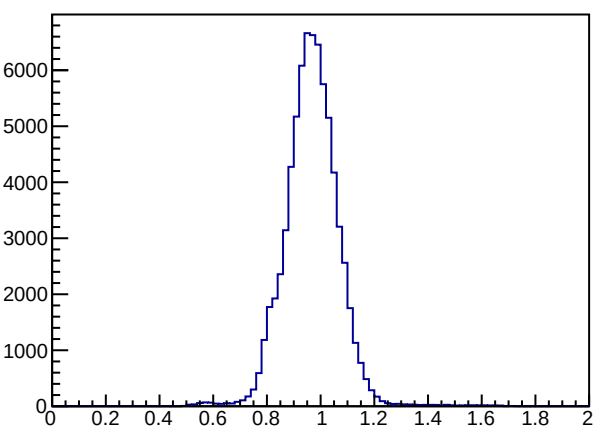


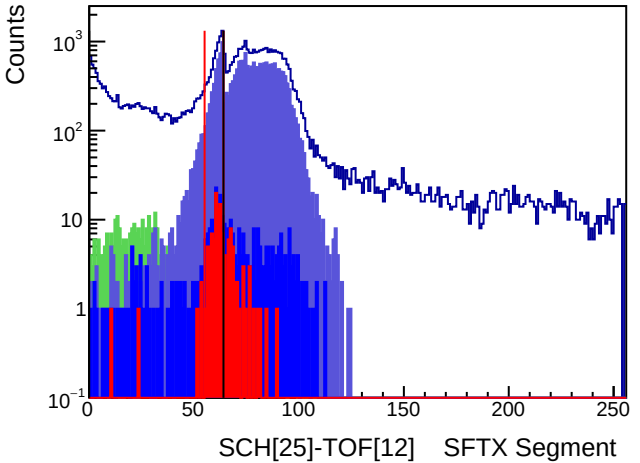


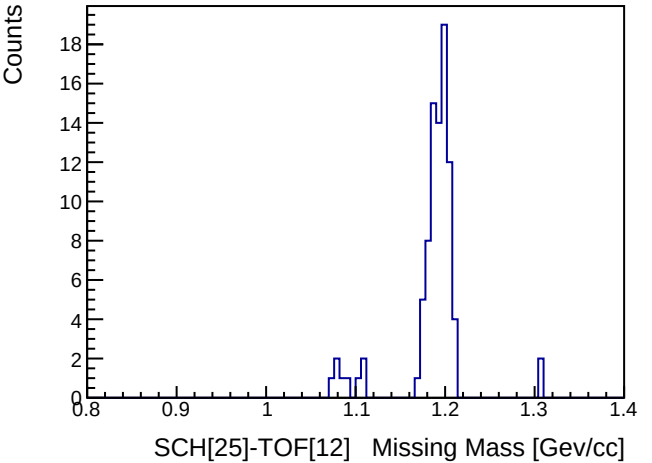

Counts
SCH[25]-TOF[11] SFTX Segment

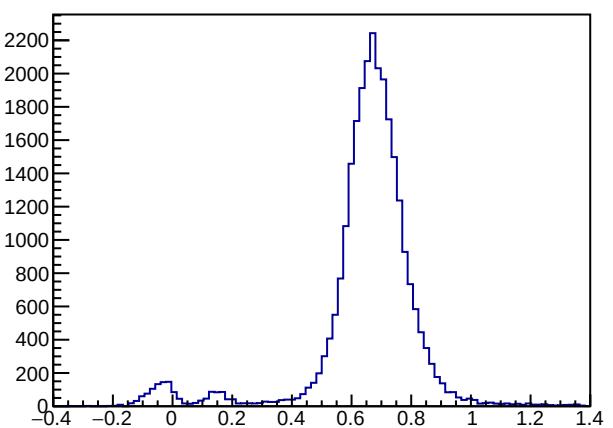

Counts
SCH[25]-TOF[11] Missing Mass [Gev/cc]

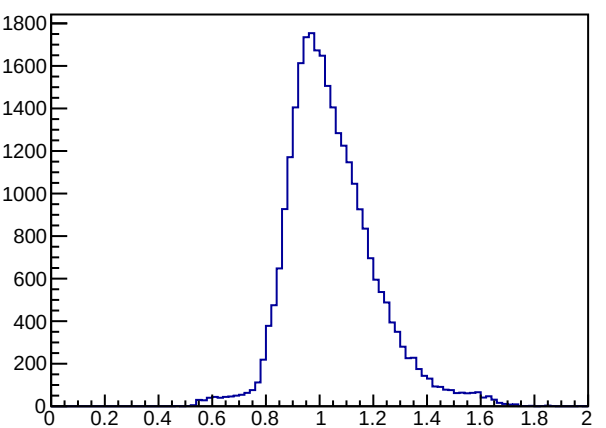


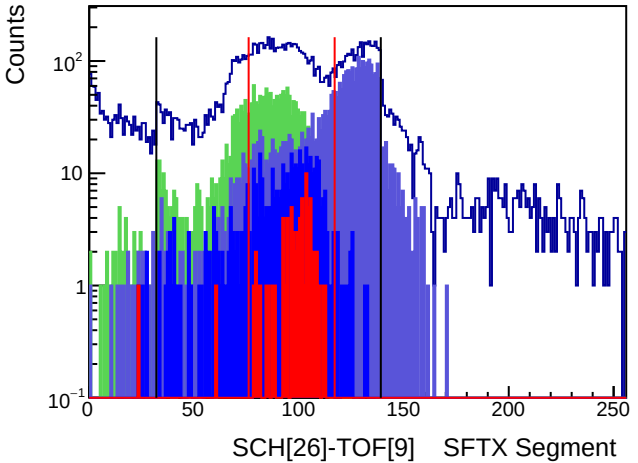


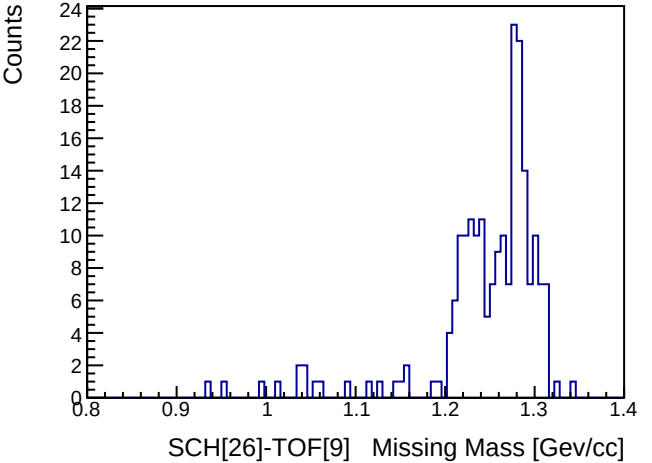

Counts
SCH[25]-TOF[12] SFTX Segment

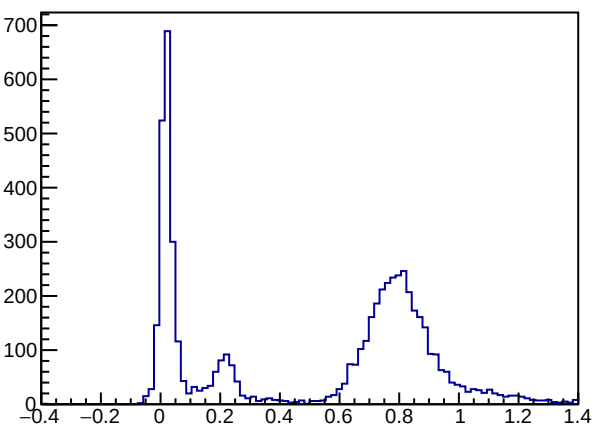

Counts
SCH[25]-TOF[12] Missing Mass [Gev/cc]

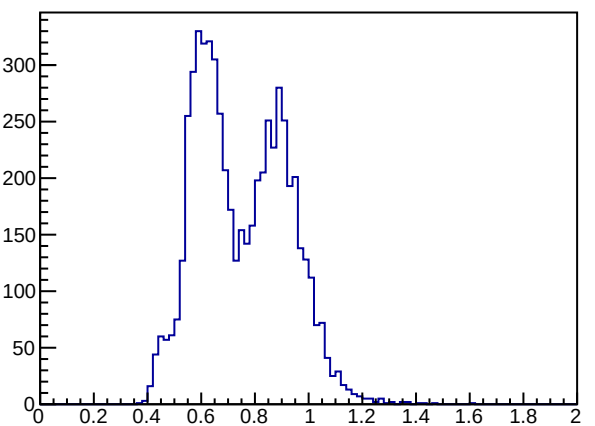


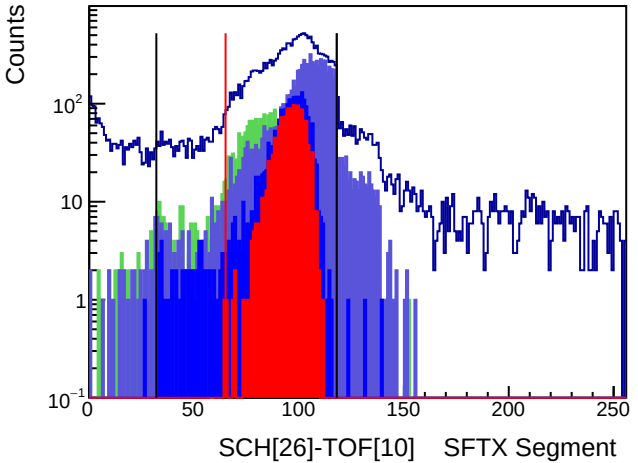


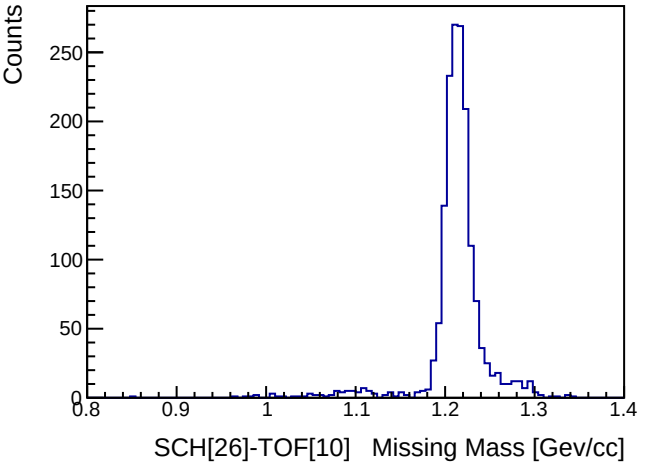

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[26]-TOF[9] SFTX Segment

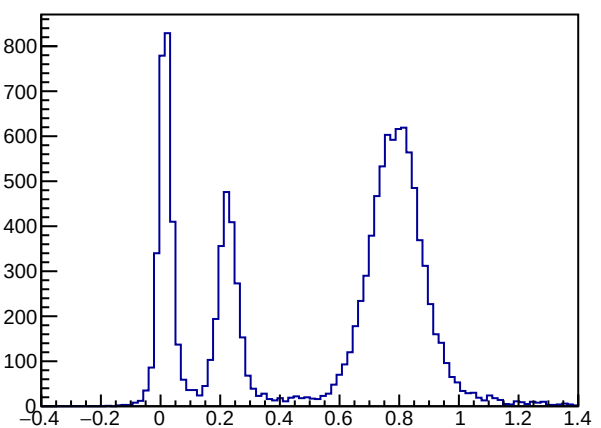

Counts
24
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[26]-TOF[9] Missing Mass [Gev/cc]

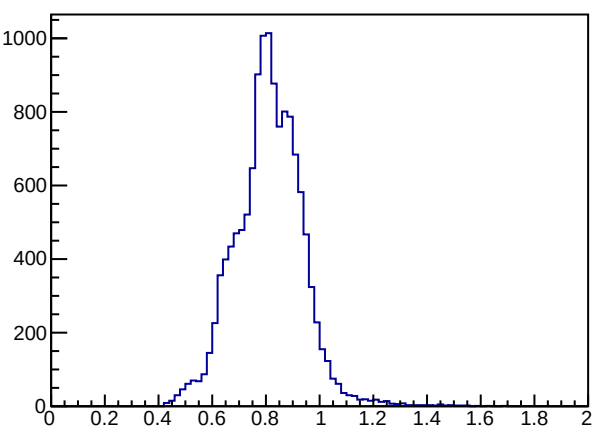

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

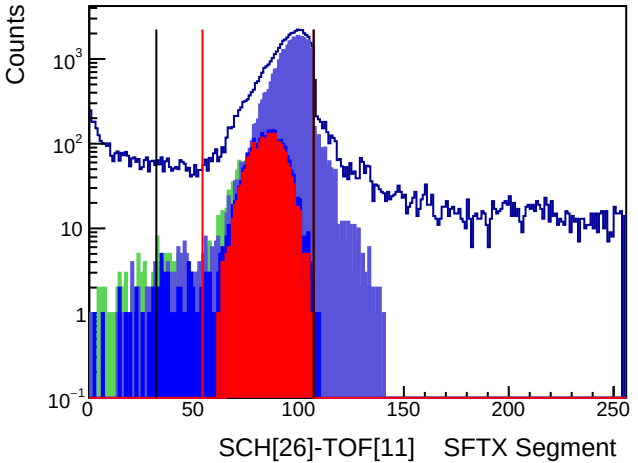

300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

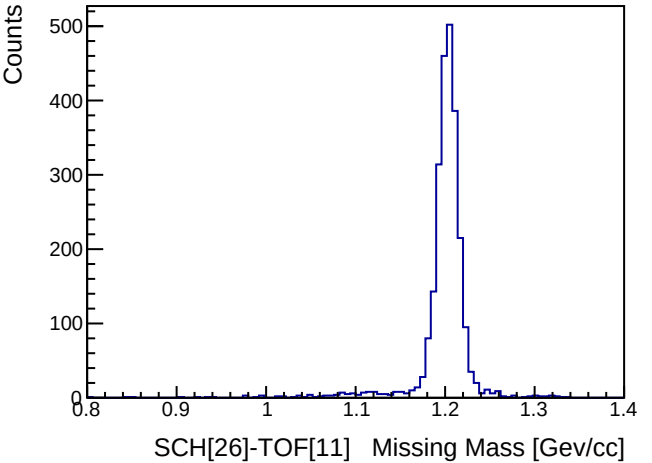

Counts
SCH[26]-TOF[10] SFTX Segment

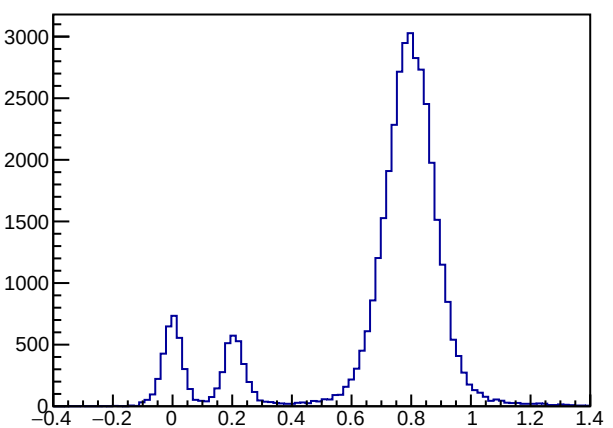

Counts
SCH[26]-TOF[10] Missing Mass [Gev/cc]

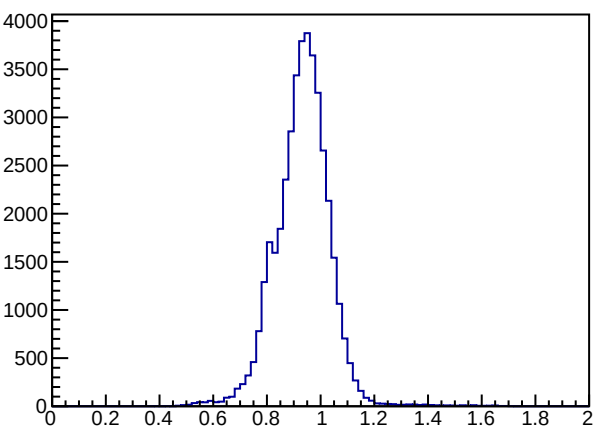


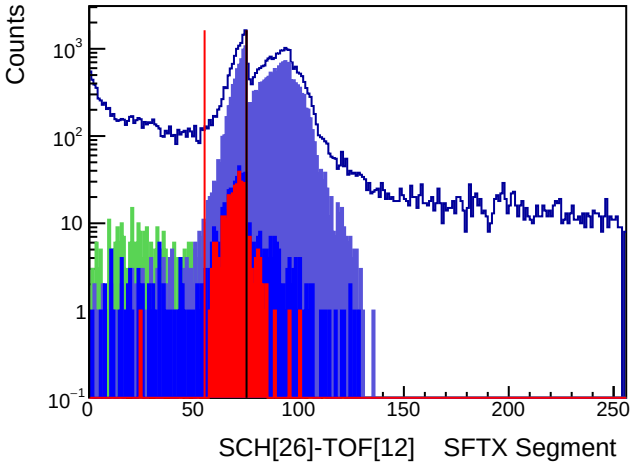


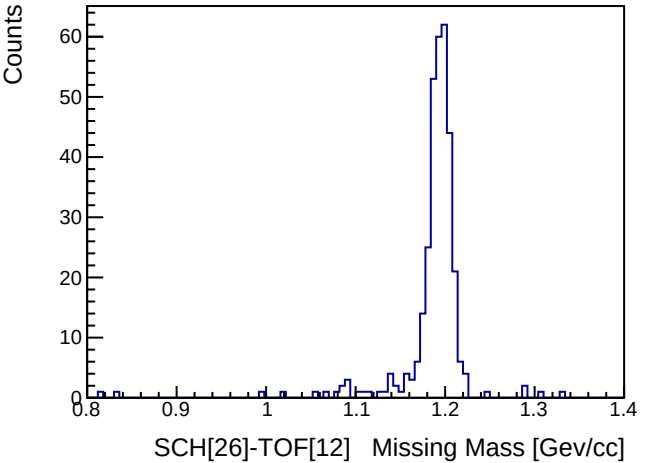

Counts
SCH[26]-TOF[11] SFTX Segment

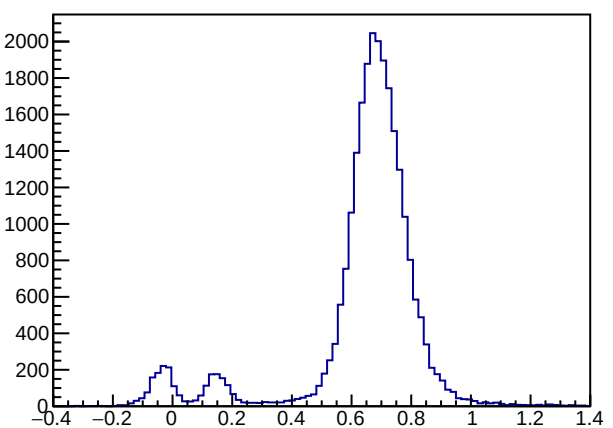

Counts
SCH[26]-TOF[11] Missing Mass [Gev/cc]

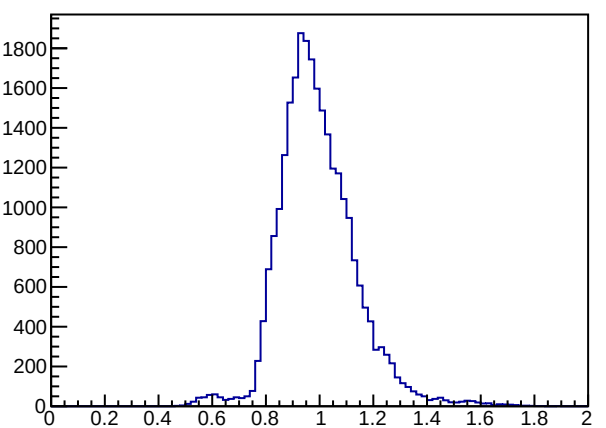


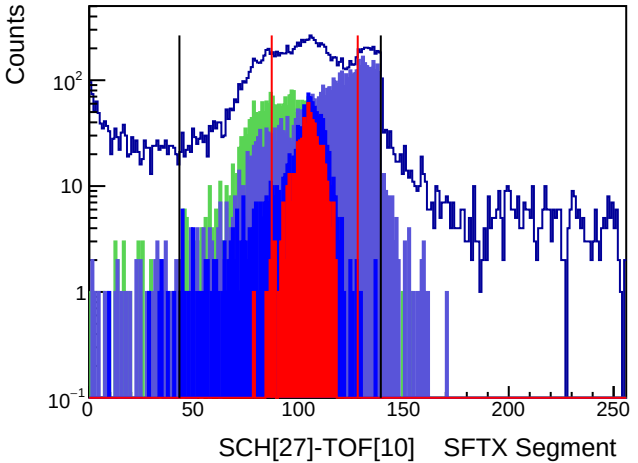


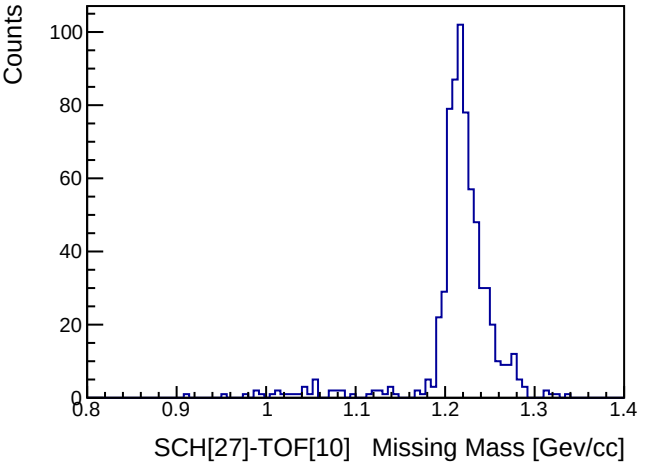

Counts
SCH[26]-TOF[12] SFTX Segment

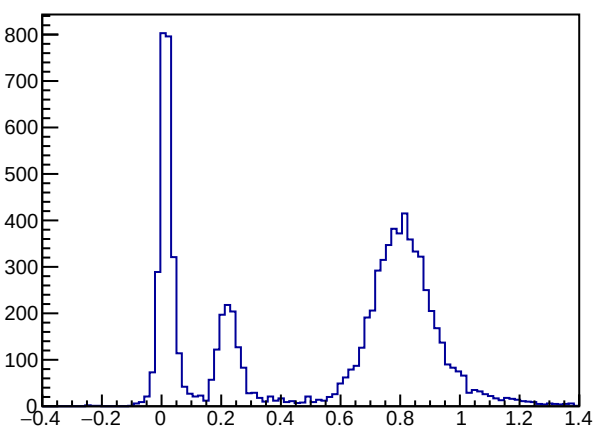

Counts
SCH[26]-TOF[12] Missing Mass [Gev/cc]

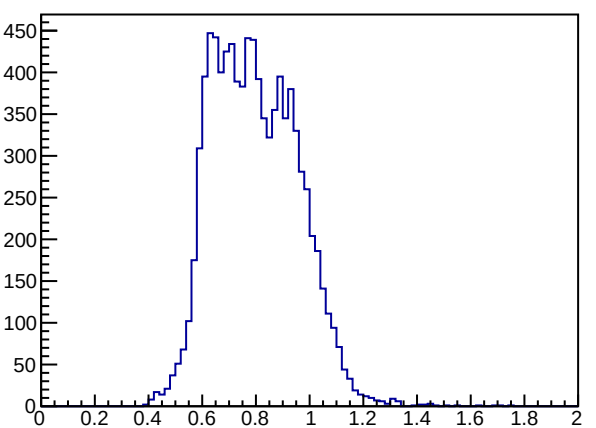


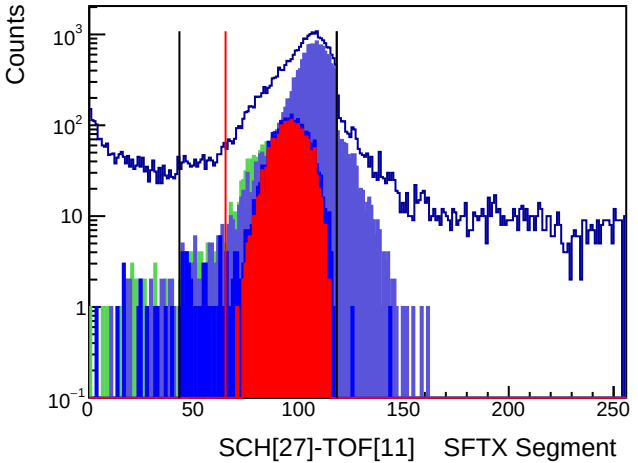


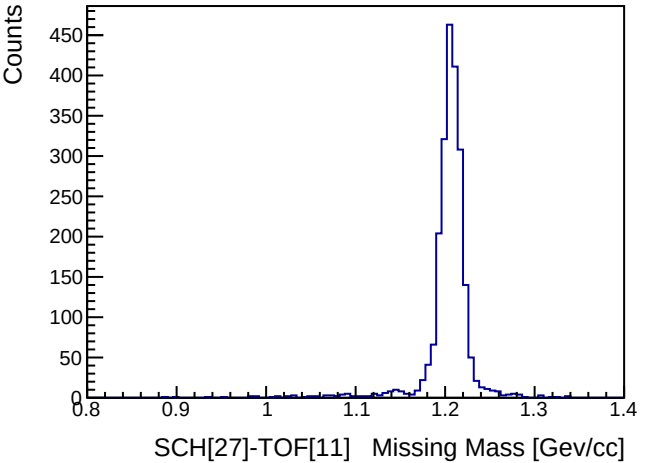

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[27]-TOF[10] SFTX Segment

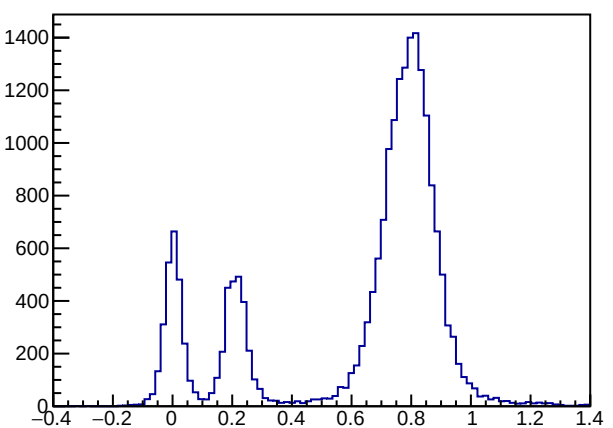

Counts
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[27]-TOF[10] Missing Mass [Gev/cc]

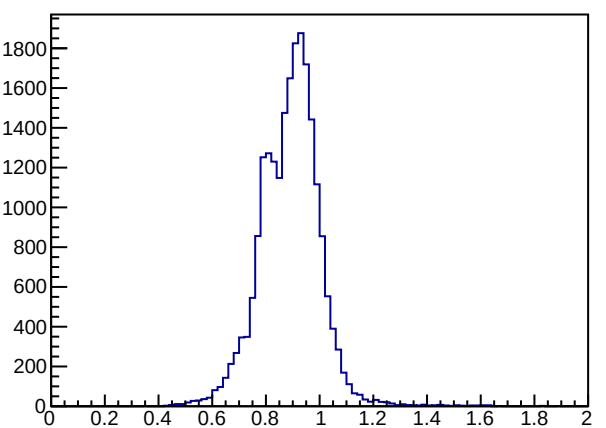

800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

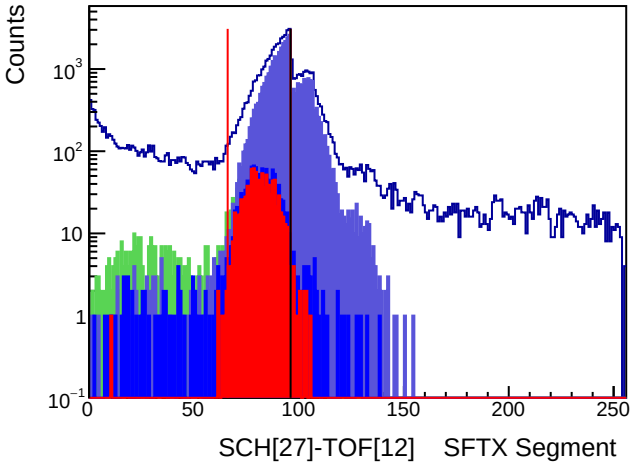

450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

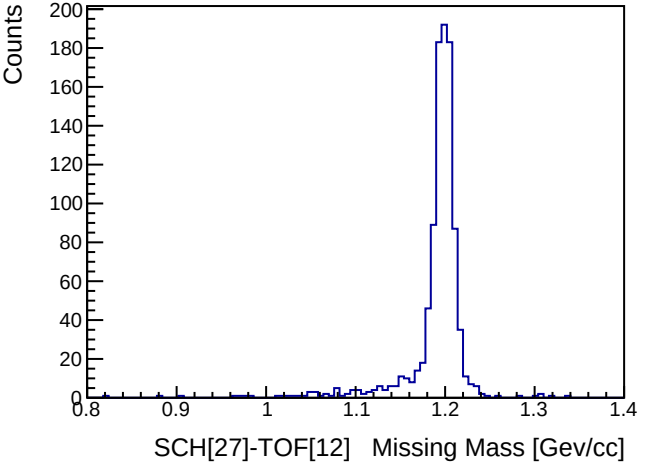

Counts
SCH[27]-TOF[11] SFTX Segment

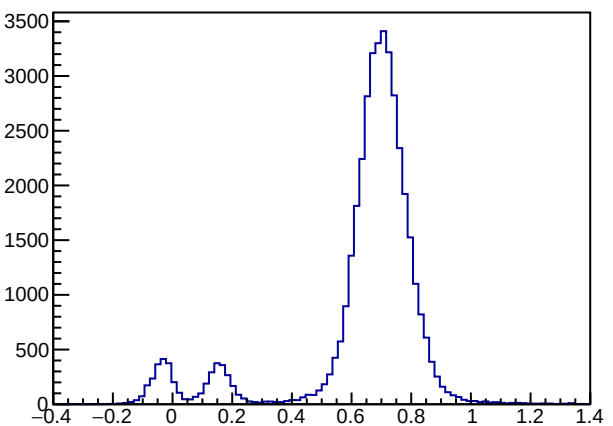

Counts
SCH[27]-TOF[11] Missing Mass [Gev/cc]

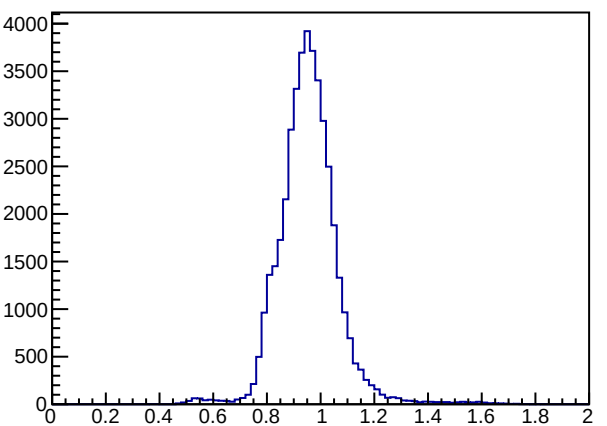


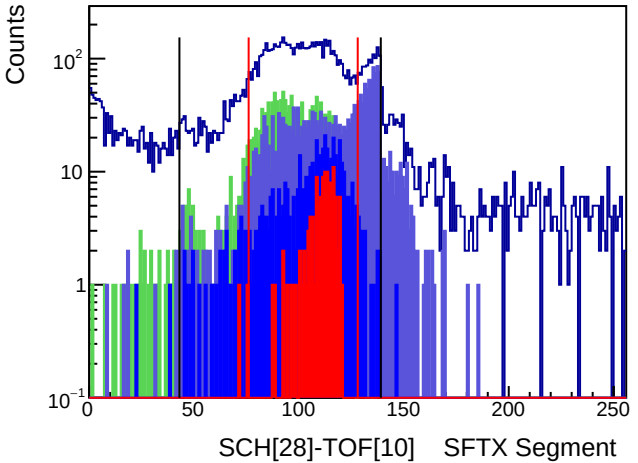


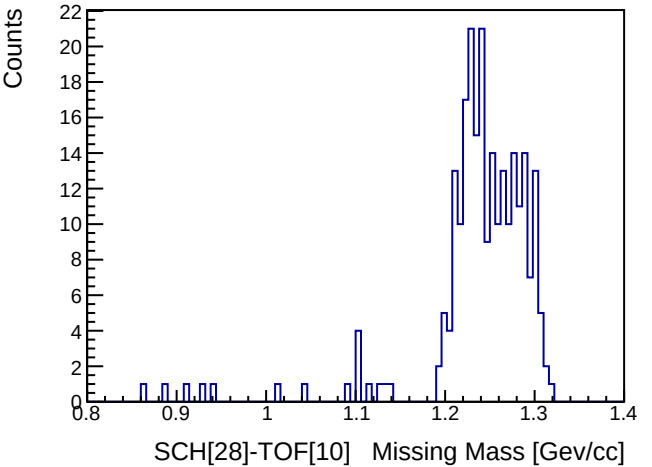

Counts
SCH[27]-TOF[12] SFTX Segment

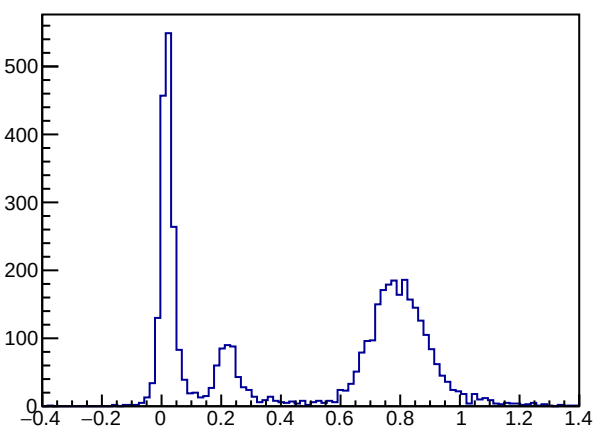

Counts
SCH[27]-TOF[12] Missing Mass [Gev/cc]

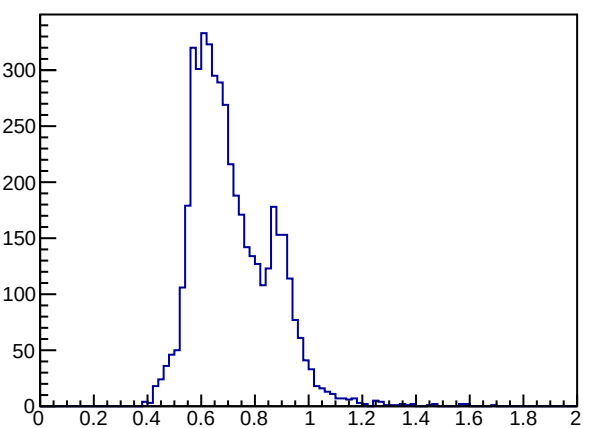


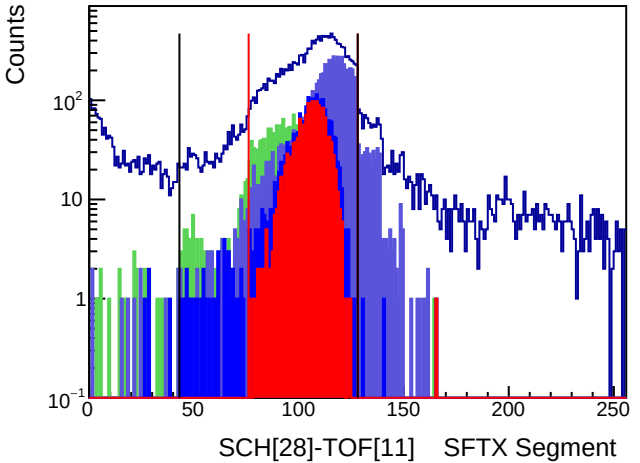


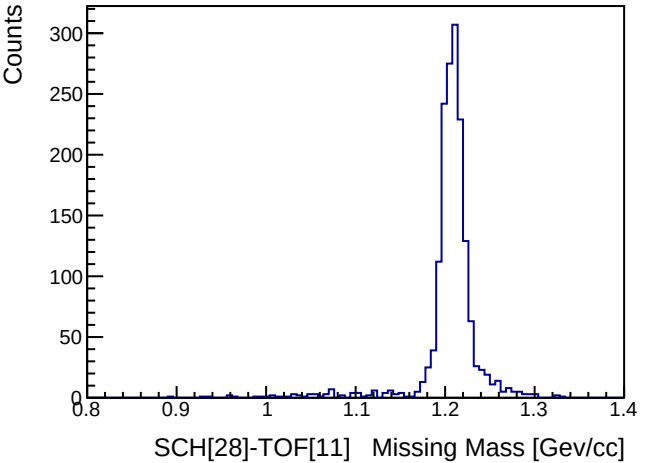

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[28]-TOF[10] SFTX Segment

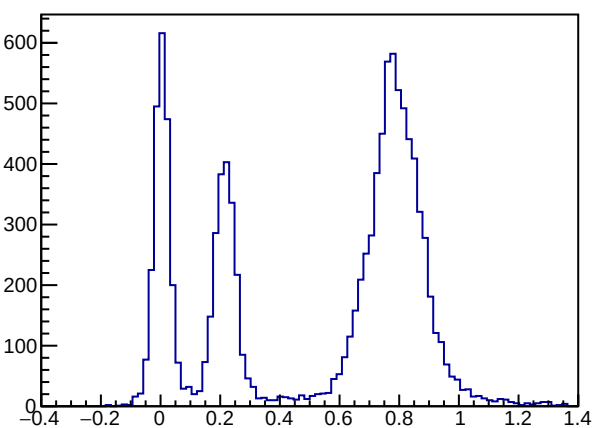

Counts
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[28]-TOF[10] Missing Mass [Gev/cc]

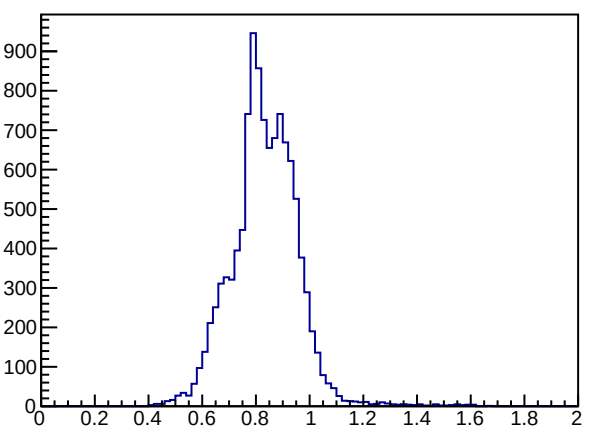

500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

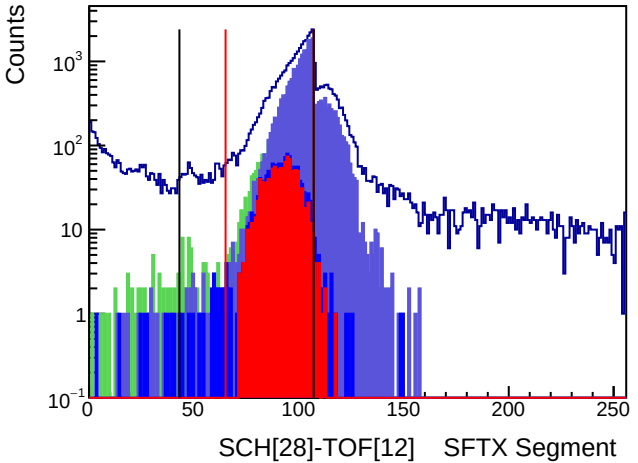

300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

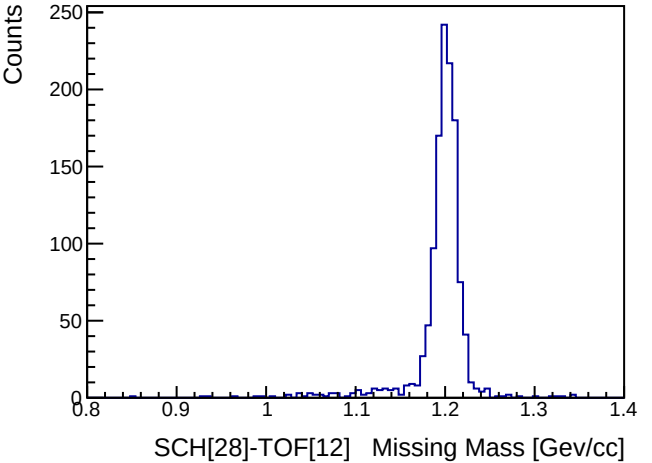

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[28]-TOF[11] SFTX Segment

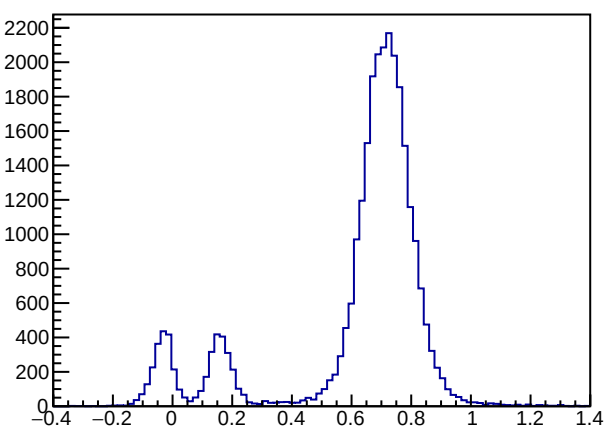

Counts
300
250
200
150
100
50
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[28]-TOF[11] Missing Mass [Gev/cc]

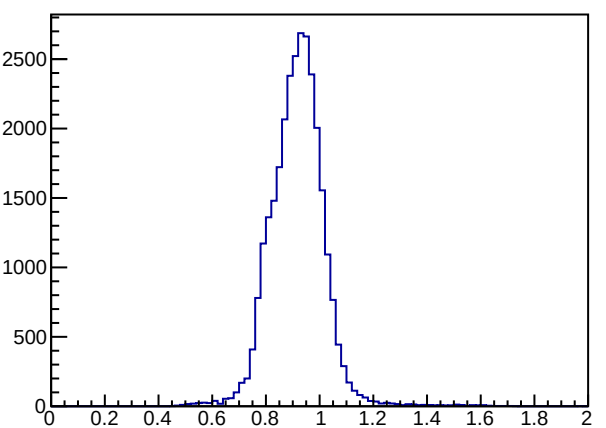

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

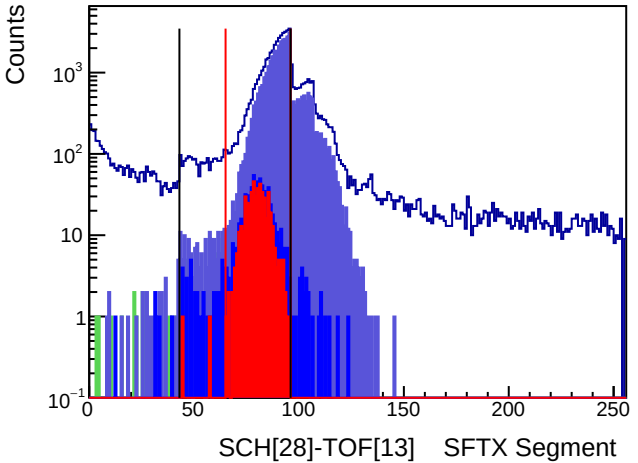

900
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

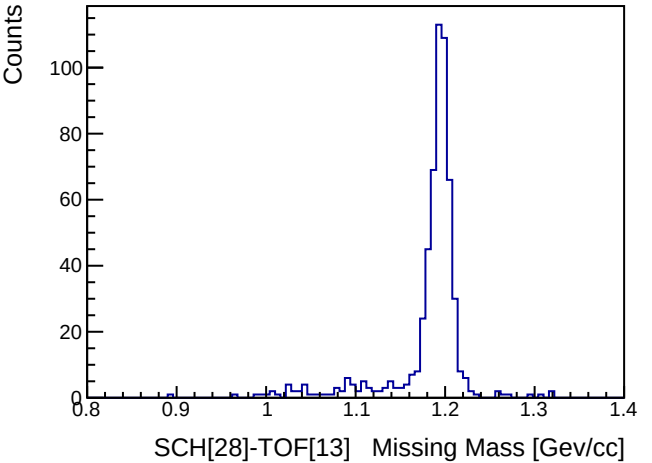

Counts
10^3
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[28]-TOF[12] SFTX Segment

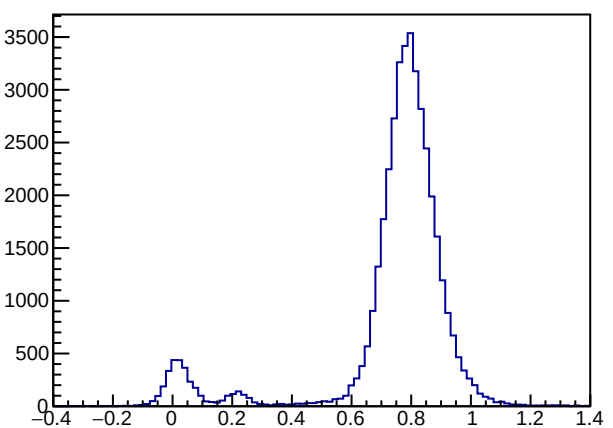

Counts
250
200
150
100
50
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[28]-TOF[12] Missing Mass [Gev/cc]

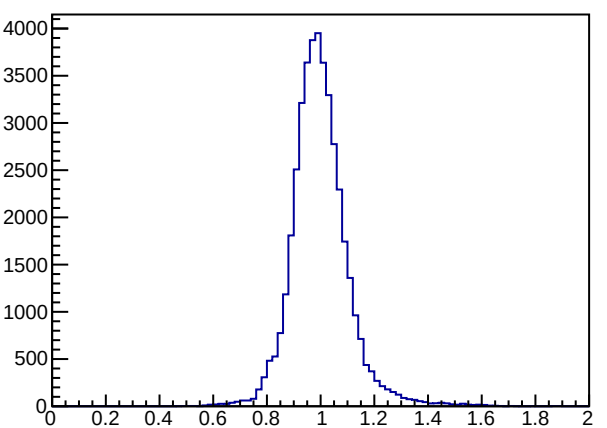

2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

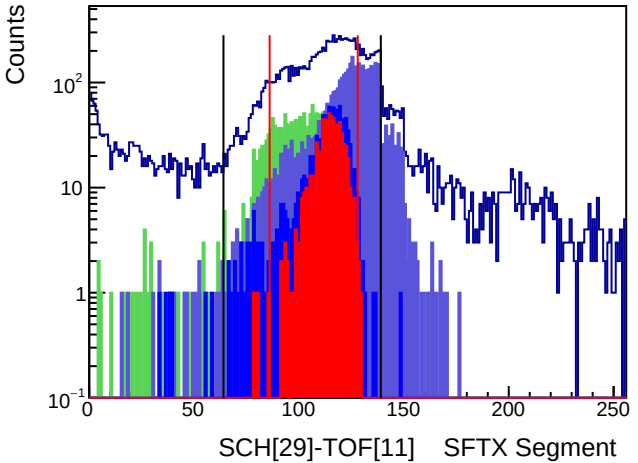

2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

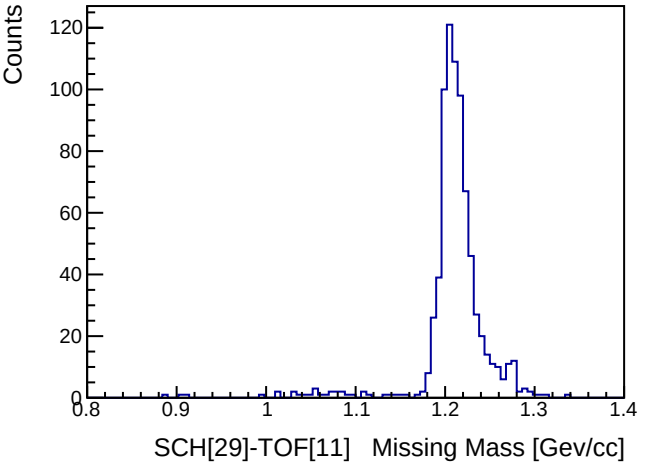

Counts
SCH[28]-TOF[13] SFTX Segment

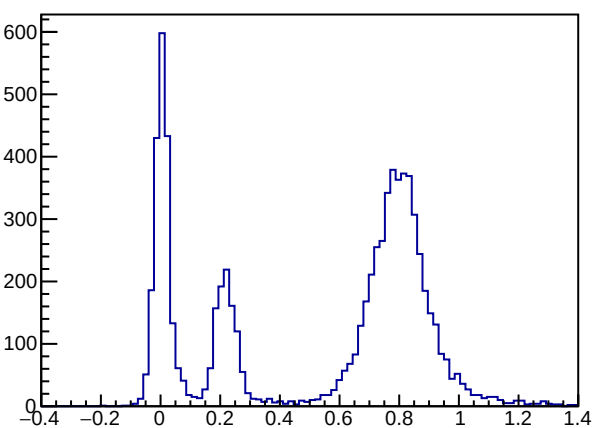

Counts
SCH[28]-TOF[13] Missing Mass [Gev/cc]

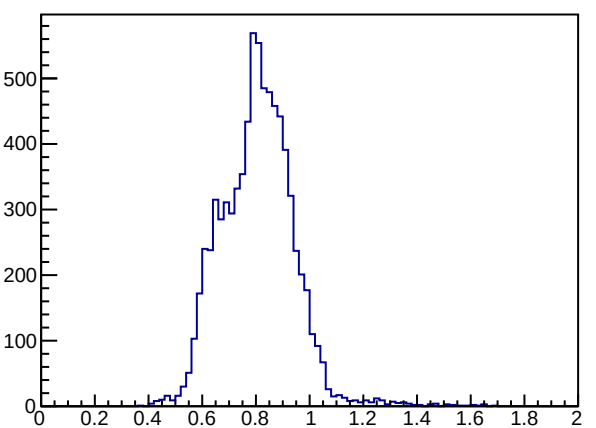


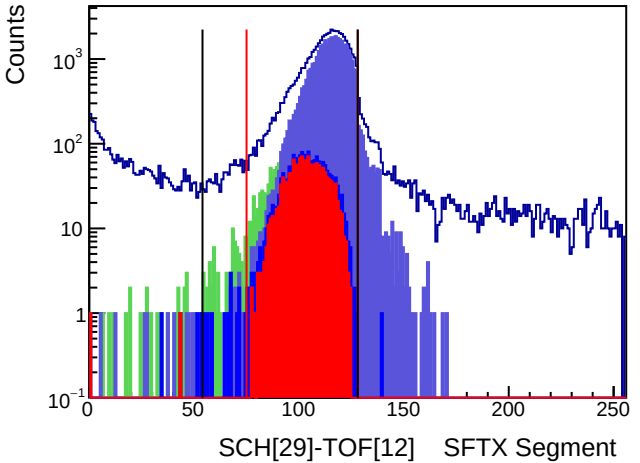


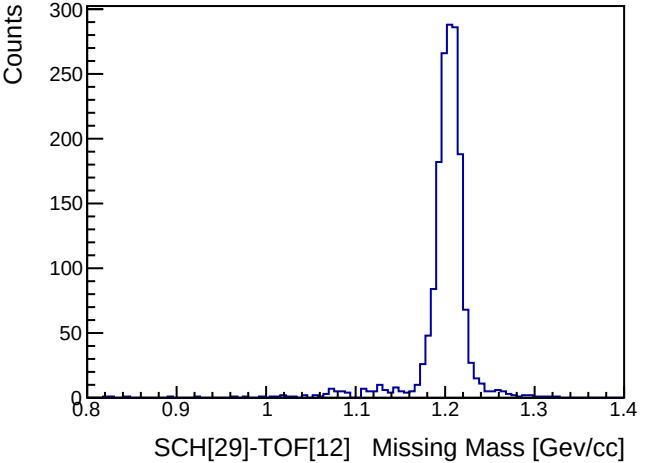

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[29]-TOF[11] SFTX Segment

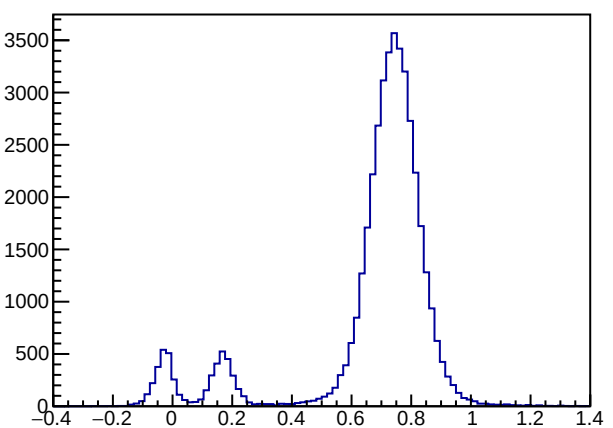

Counts
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[29]-TOF[11] Missing Mass [Gev/cc]

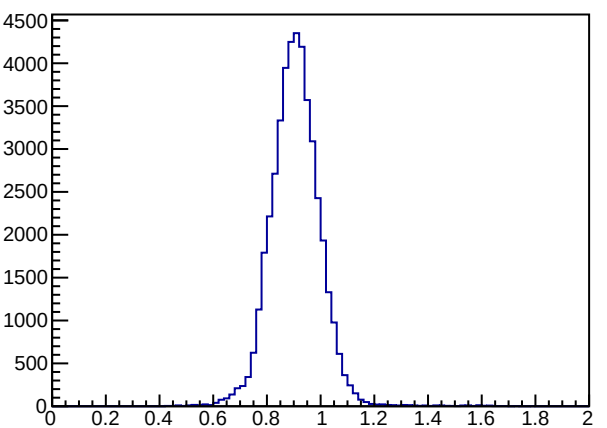

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

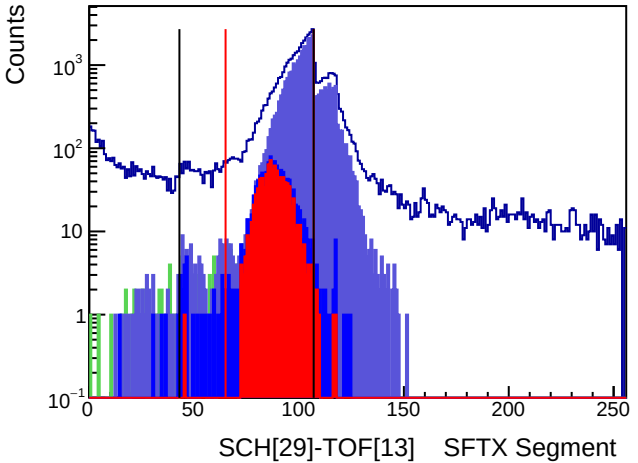

500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

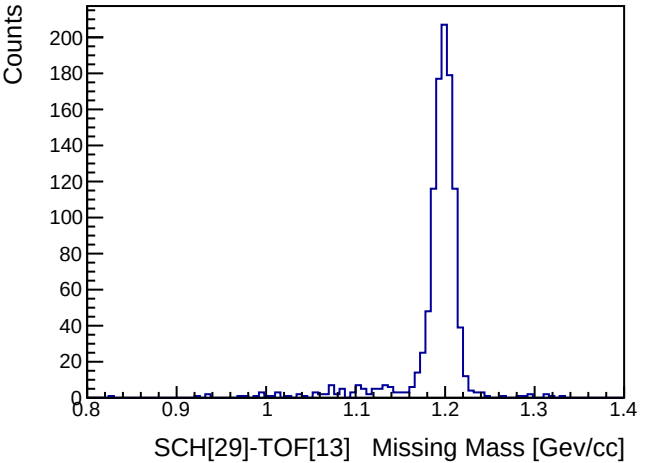

Counts
SCH[29]-TOF[12] SFTX Segment

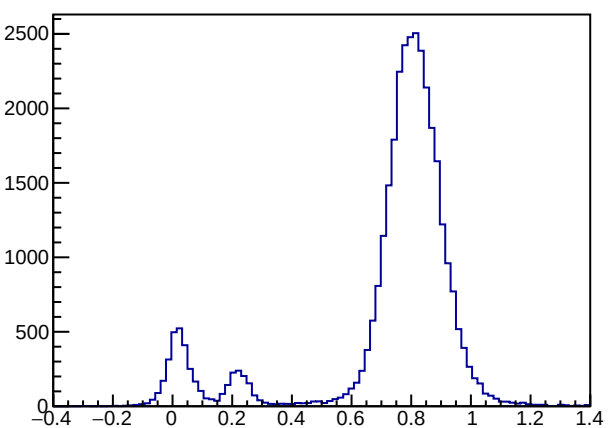

Counts
SCH[29]-TOF[12] Missing Mass [Gev/cc]

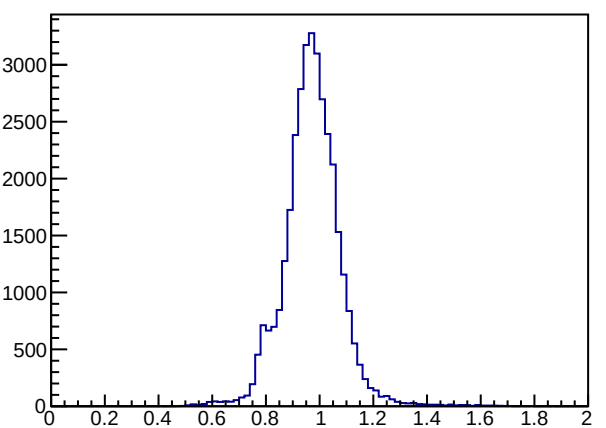


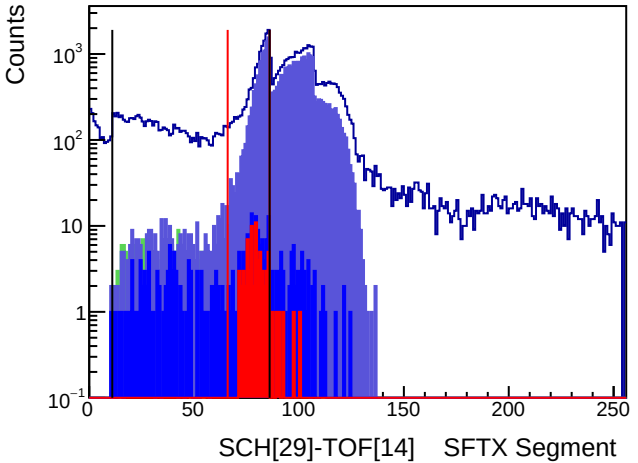


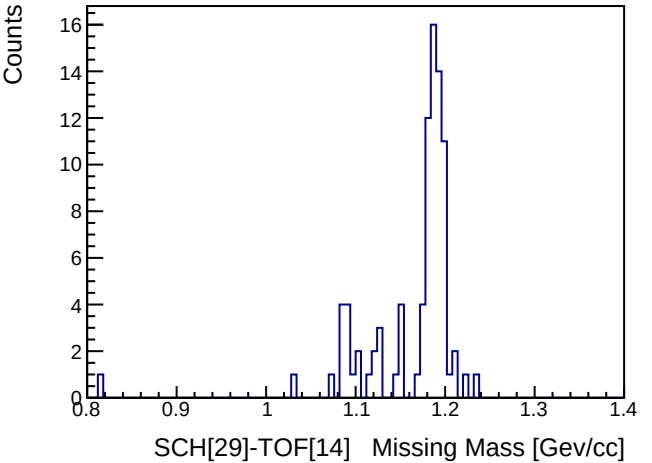

Counts
SCH[29]-TOF[13] SFTX Segment

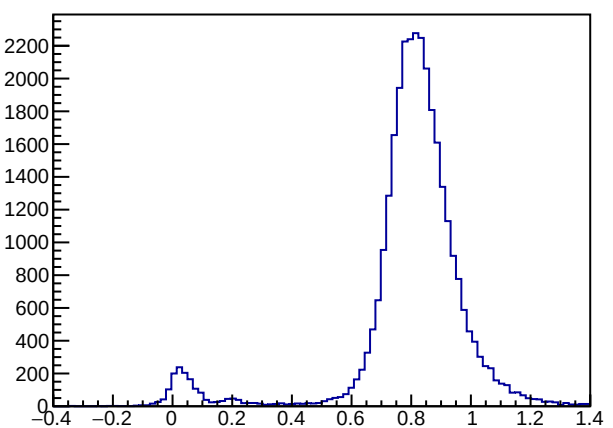

Counts
SCH[29]-TOF[13] Missing Mass [Gev/cc]

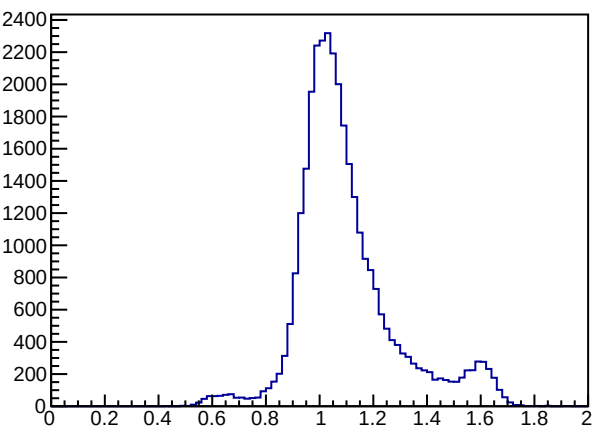


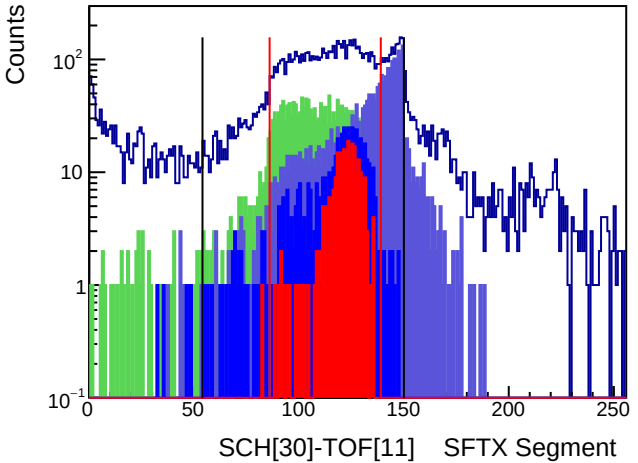


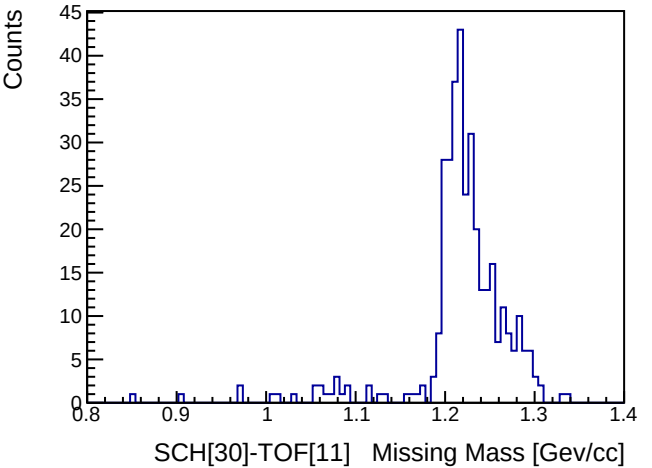

Counts
SCH[29]-TOF[14] SFTX Segment

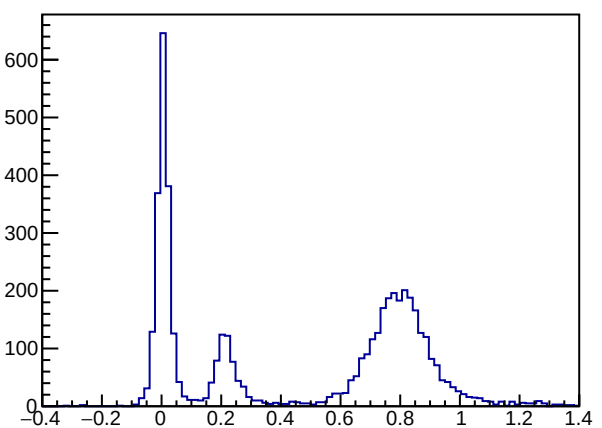

Counts
SCH[29]-TOF[14] Missing Mass [Gev/cc]

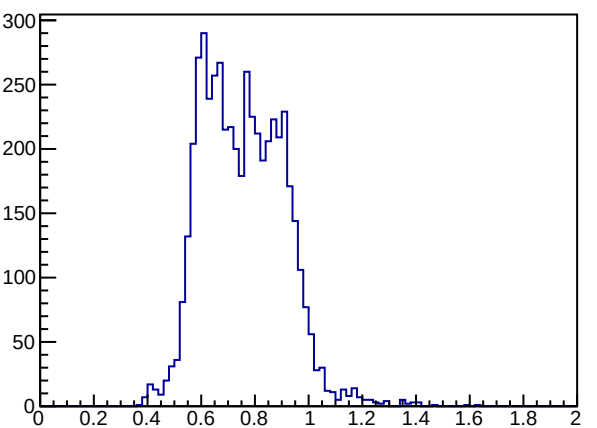


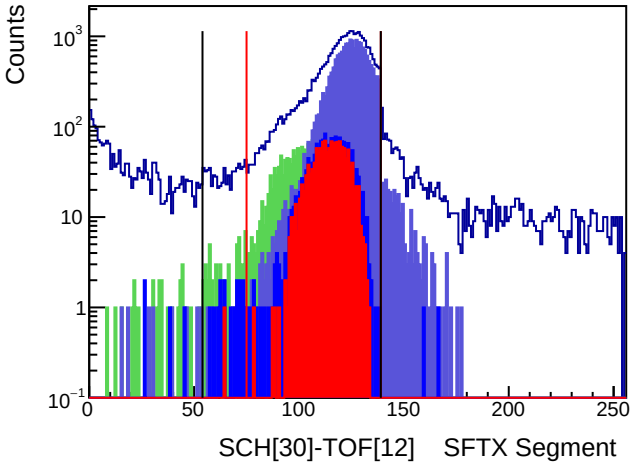


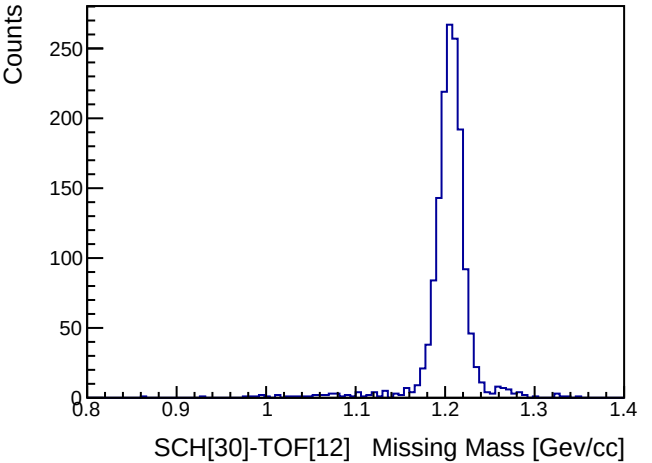

Counts
SCH[30]-TOF[11] SFTX Segment

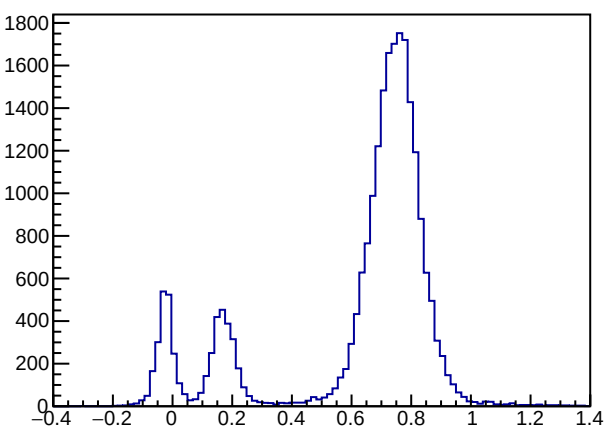

Counts
SCH[30]-TOF[11] Missing Mass [Gev/cc]

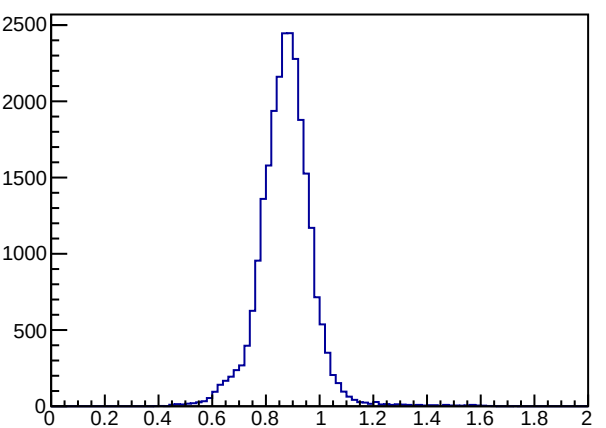


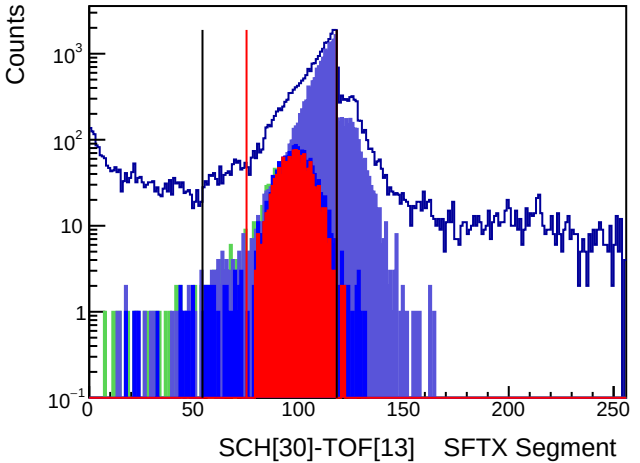


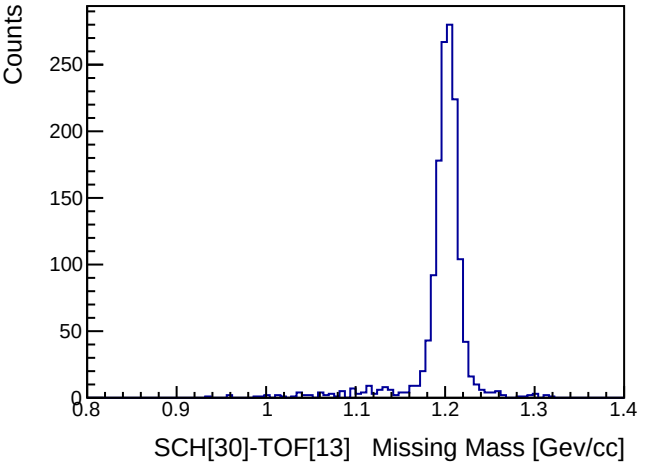

Counts
SCH[30]-TOF[12] SFTX Segment

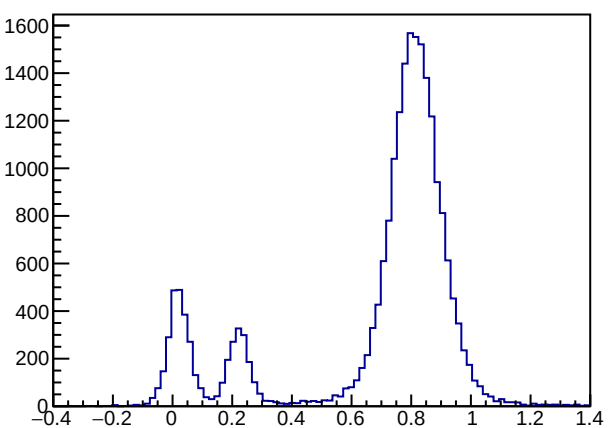

Counts
SCH[30]-TOF[12] Missing Mass [Gev/cc]

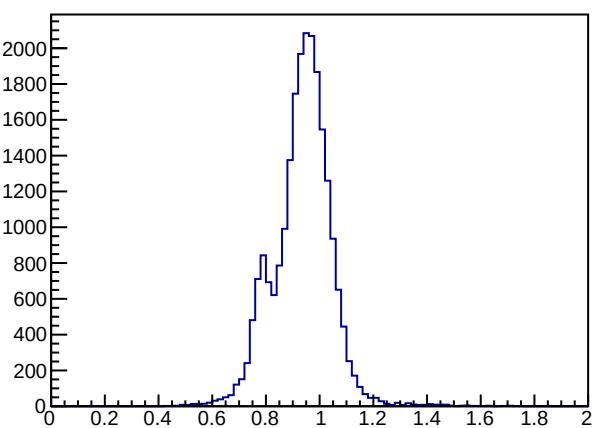


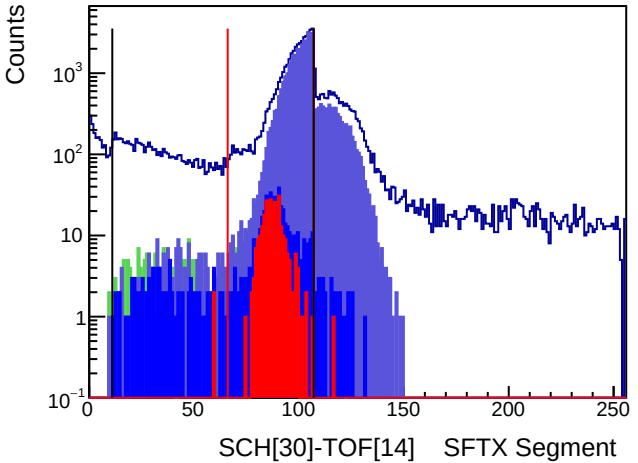


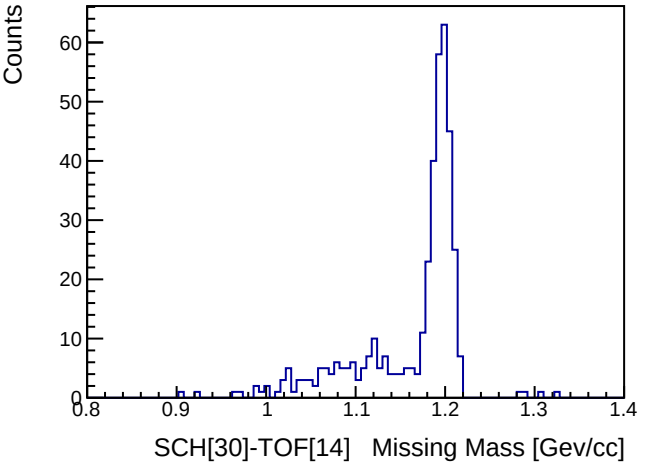

Counts
SCH[30]-TOF[13] SFTX Segment

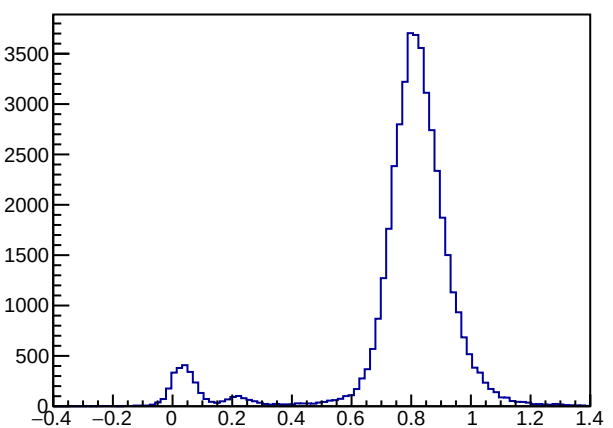

Counts
SCH[30]-TOF[13] Missing Mass [Gev/cc]

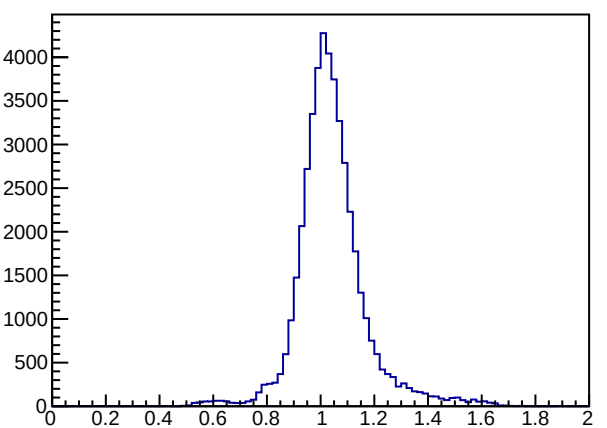


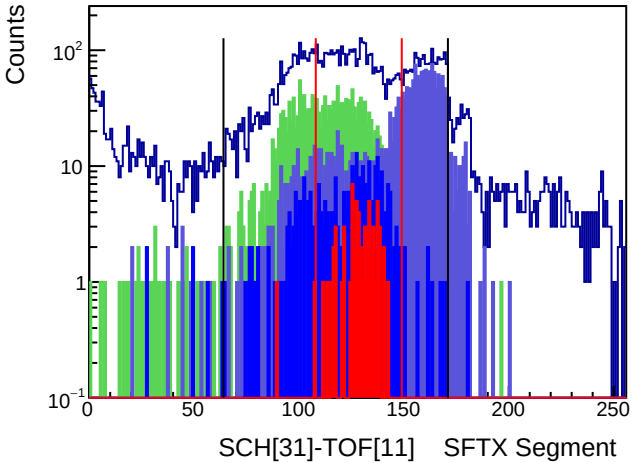



Counts
SCH[30]-TOF[14] SFTX Segment


Counts
SCH[30]-TOF[14] Missing Mass [Gev/cc]



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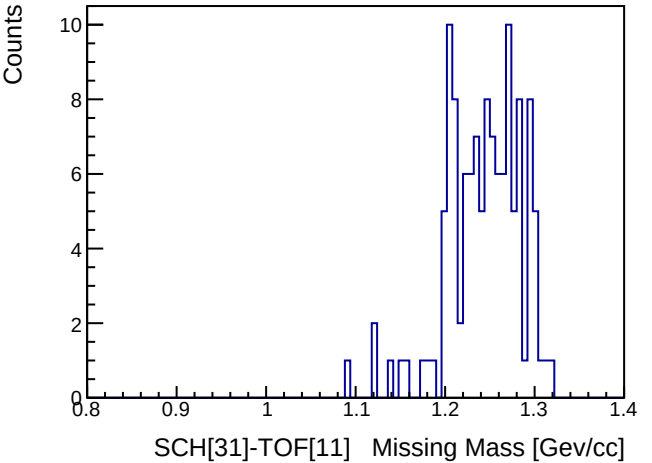
SCH[31]-TOF[11] SFTX Segment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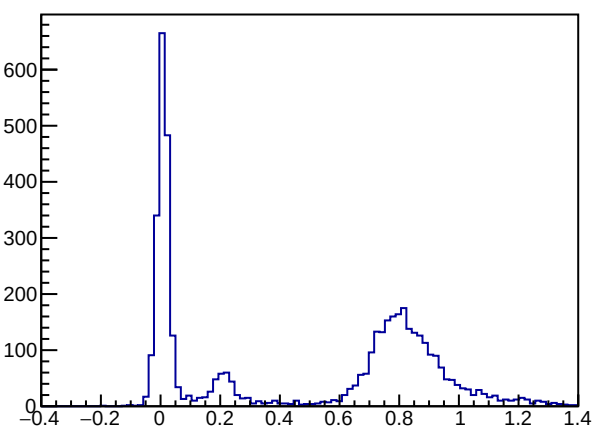
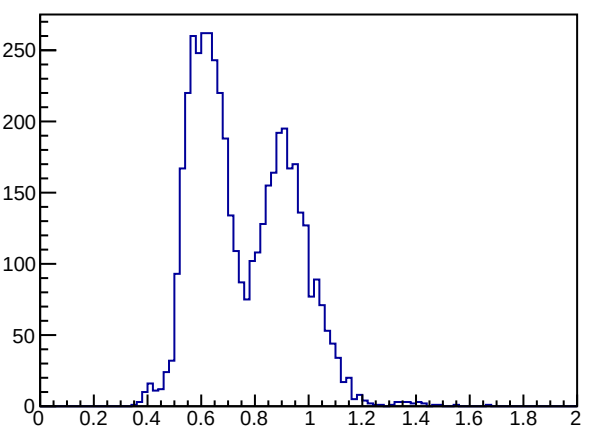
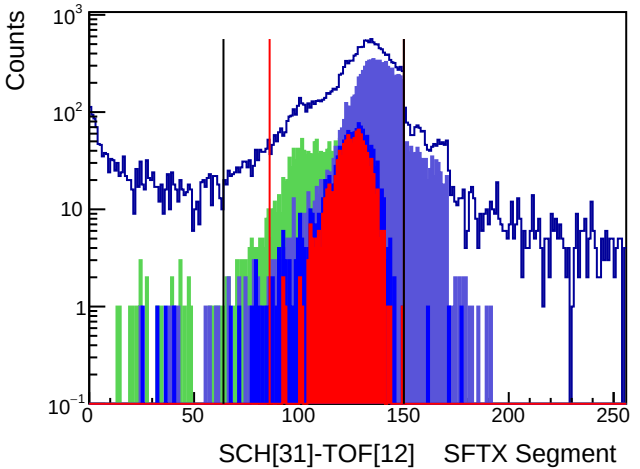
SCH[31]-TOF[11] Missing Mass [Gev/cc]



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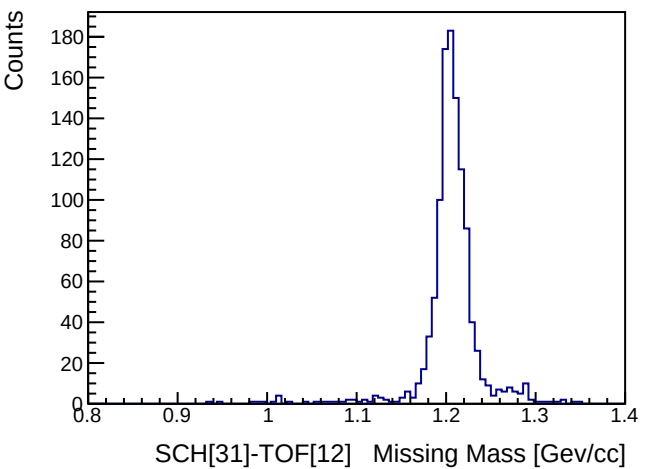
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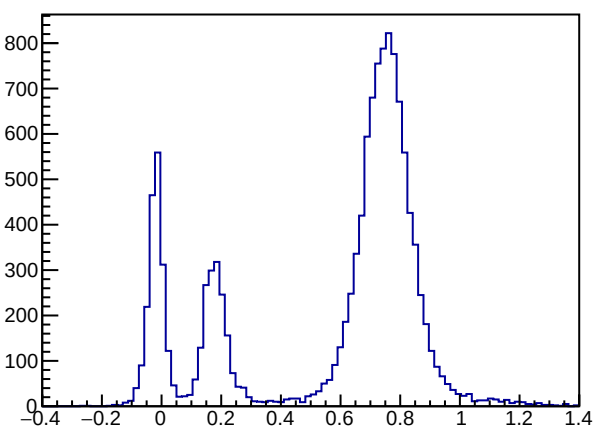
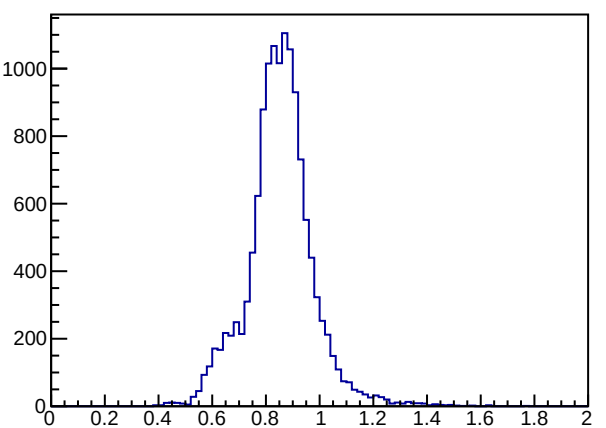
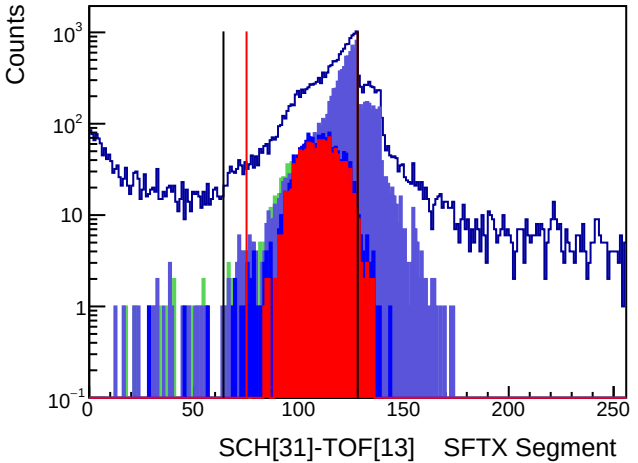
SCH[31]-TOF[12] Missing Mass [Gev/cc]



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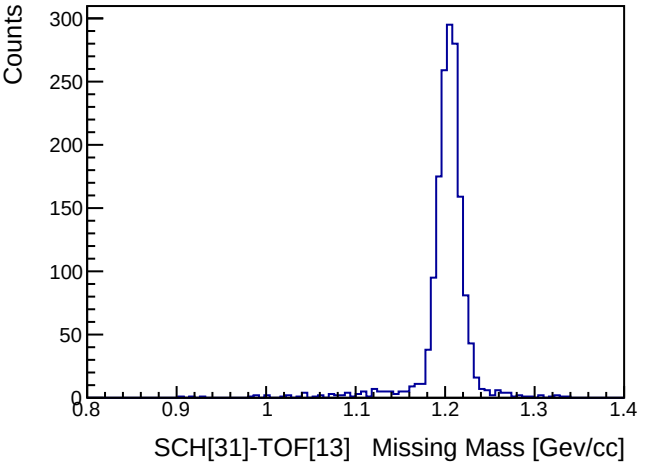
SCH[31]-TOF[13] SFTX Segment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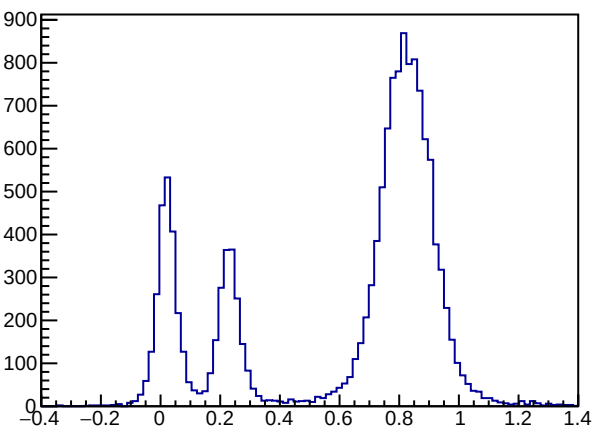
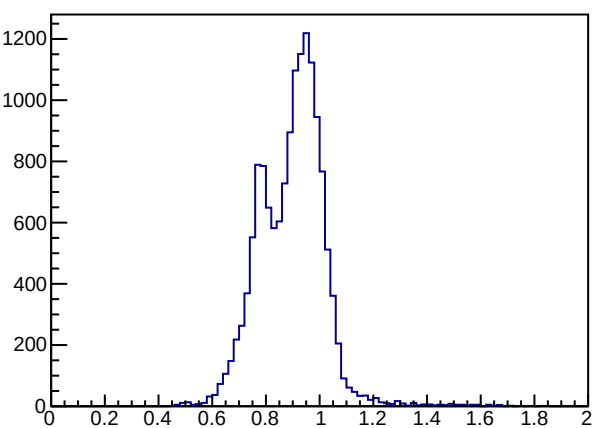
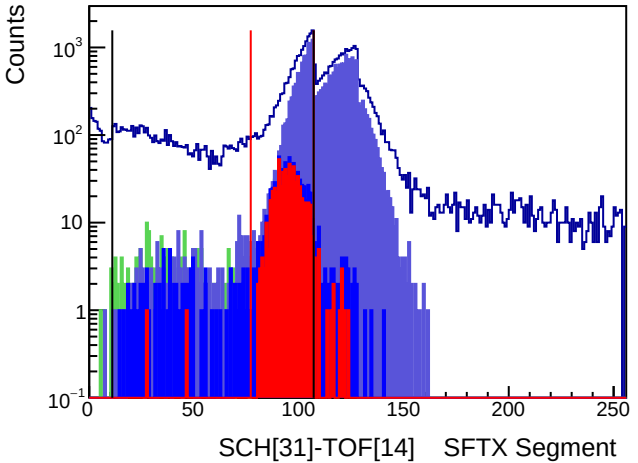
SCH[31]-TOF[13] Missing Mass [Gev/cc]



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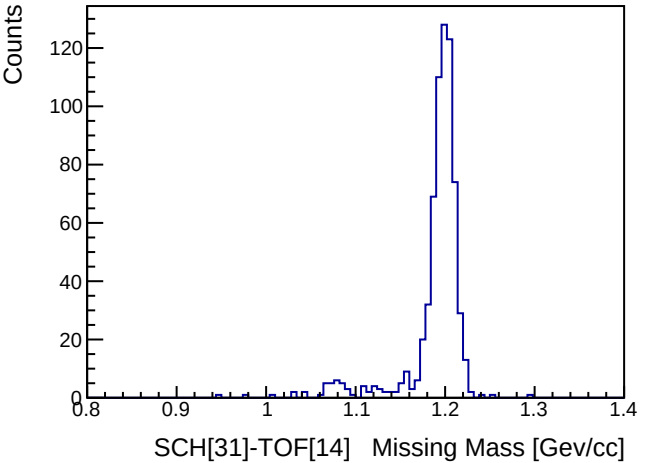
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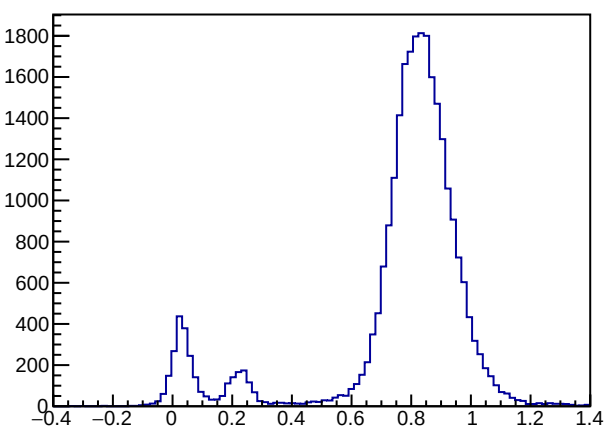
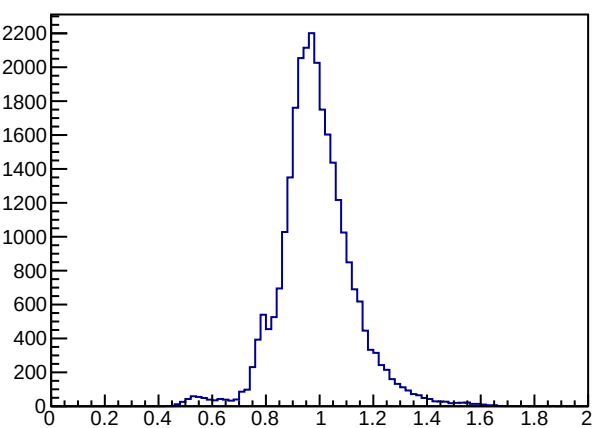
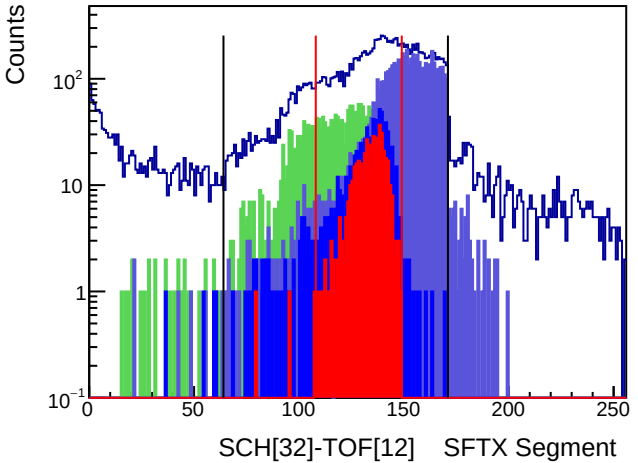
SCH[31]-TOF[14] Missing Mass [Gev/cc]



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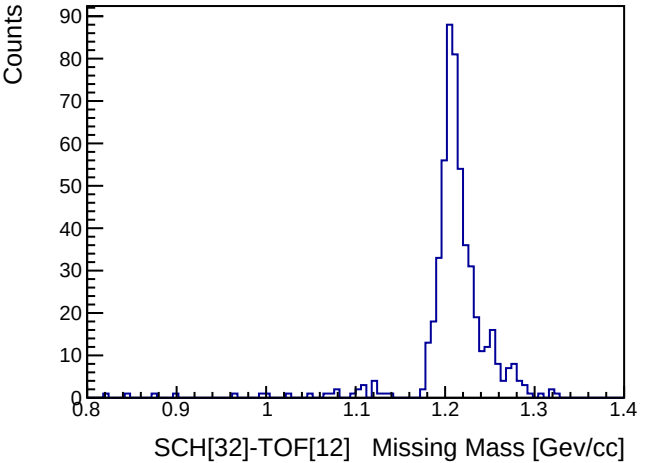
SCH[32]-TOF[12] SFTX Segment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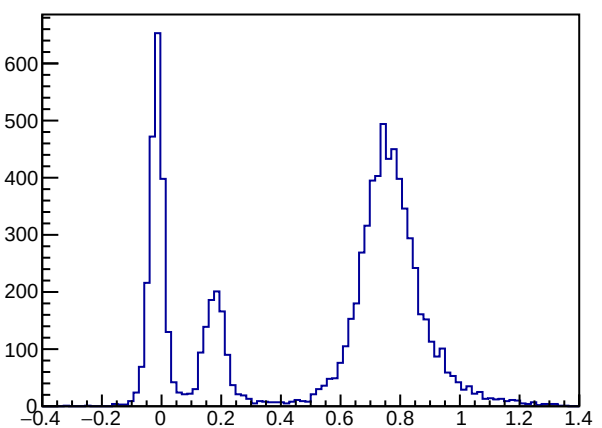
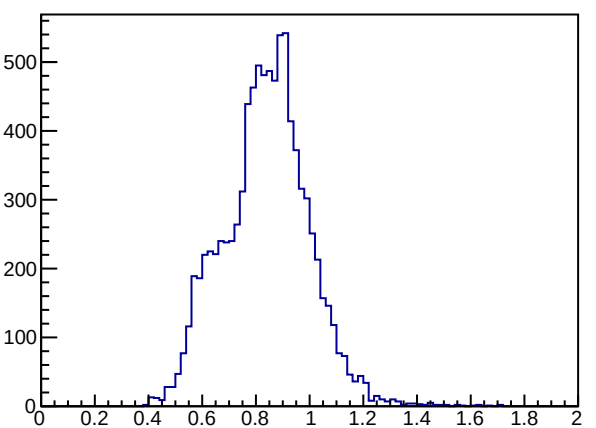
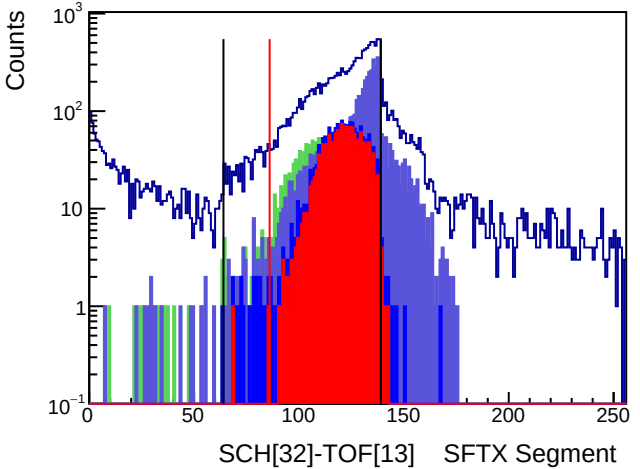
SCH[32]-TOF[12] Missing Mass [Gev/cc]



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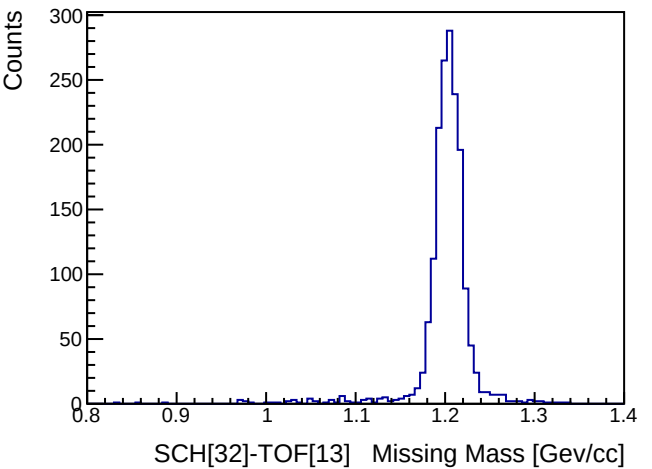
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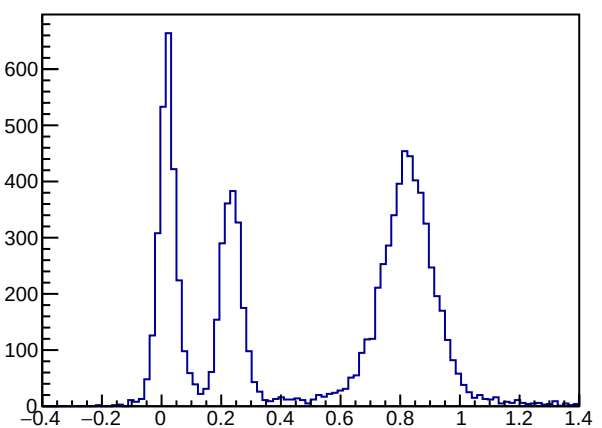
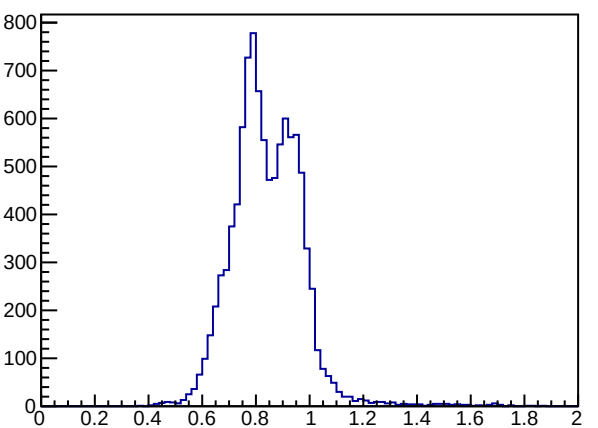
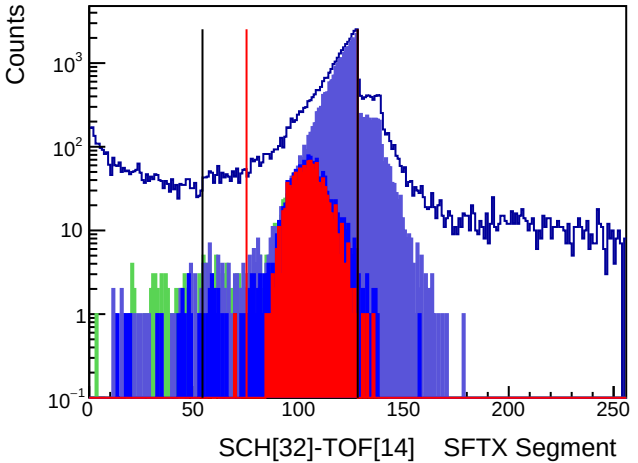
SCH[32]-TOF[13] Missing Mass [Gev/cc]



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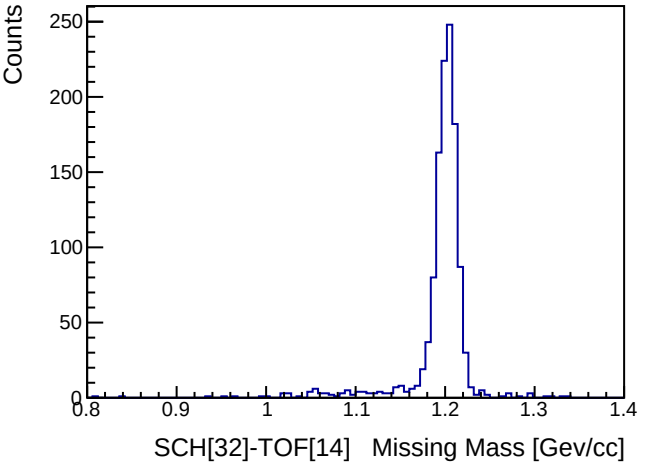
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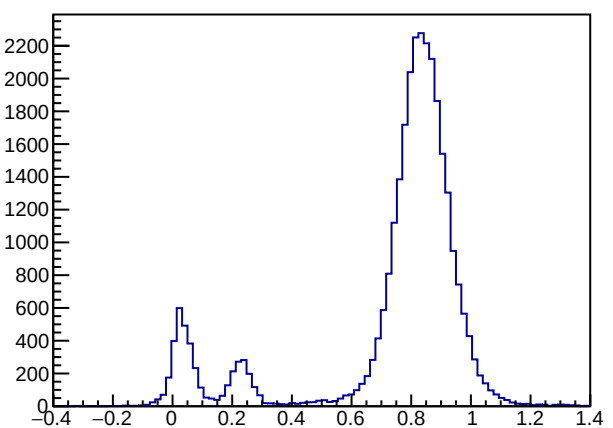
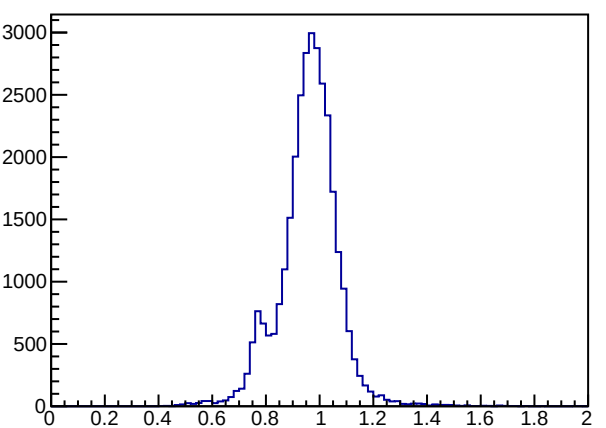
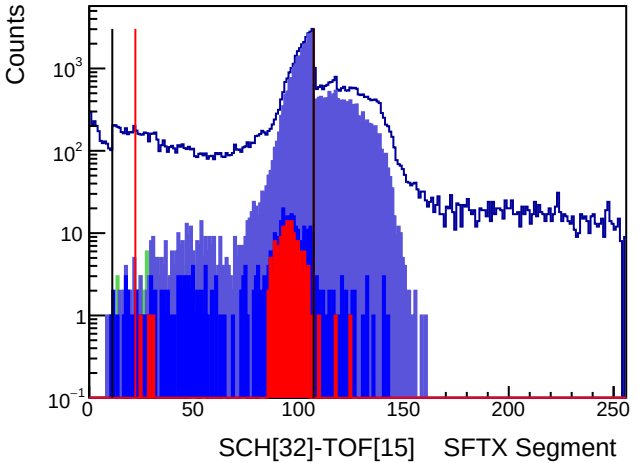
SCH[32]-TOF[14] Missing Mass [Gev/cc]



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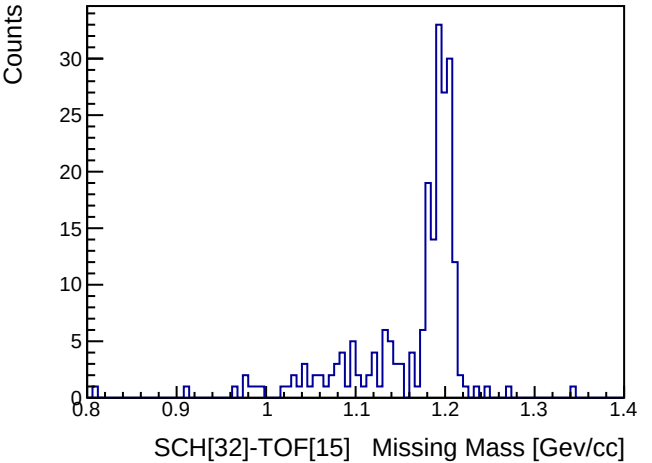
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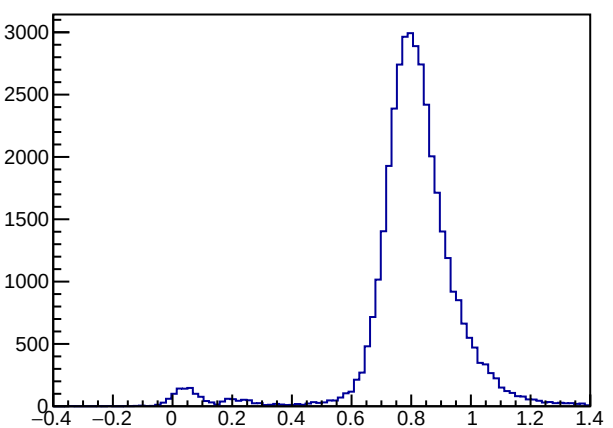
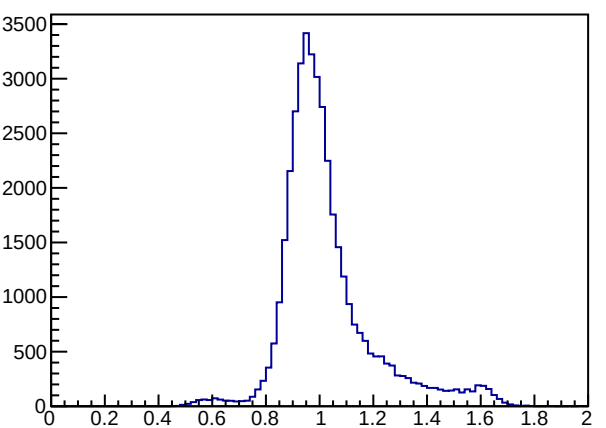
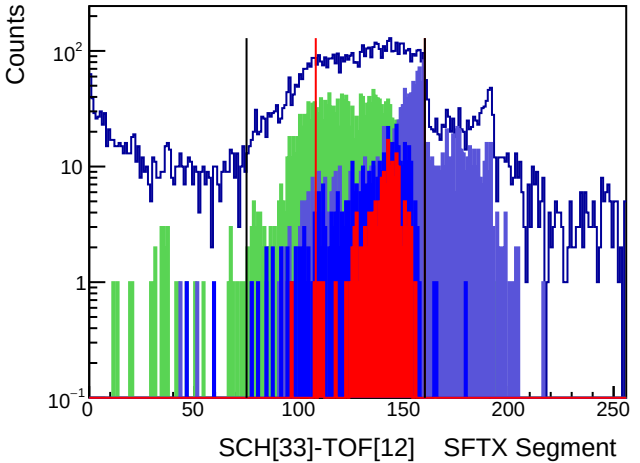
SCH[32]-TOF[15] Missing Mass [Gev/cc]



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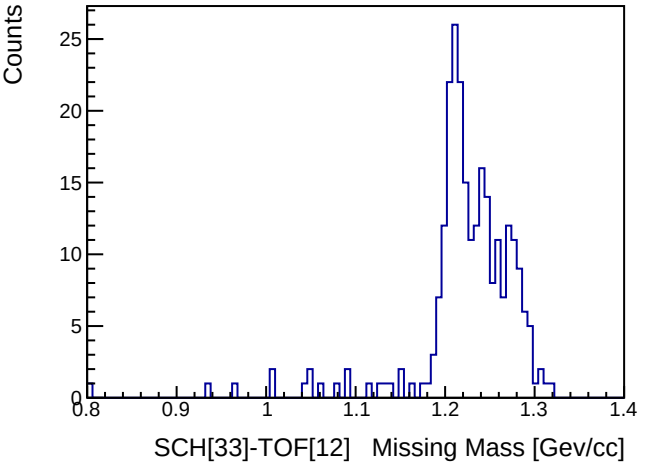
1
10^{-1}
0
50
100
150
200
250
SCH[33]-TOF[12] SFTX Segment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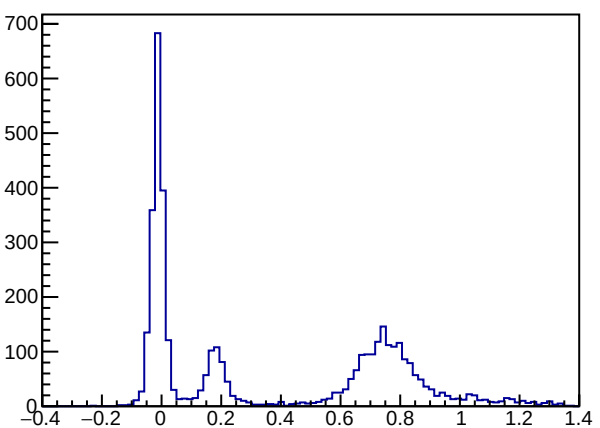
0.9
1
1.1
1.2
1.3
1.4
SCH[33]-TOF[12] Missing Mass [Gev/cc]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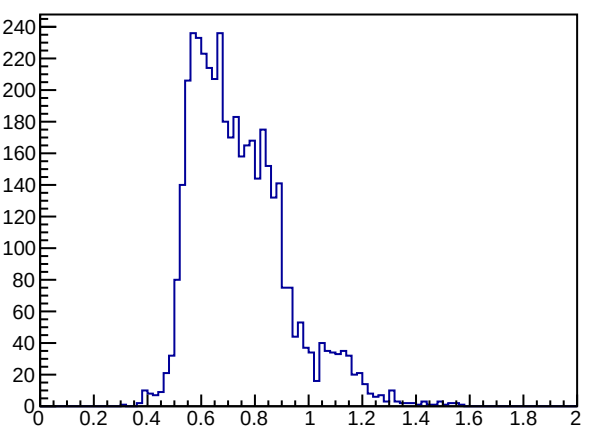
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4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100
80
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20
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0.6
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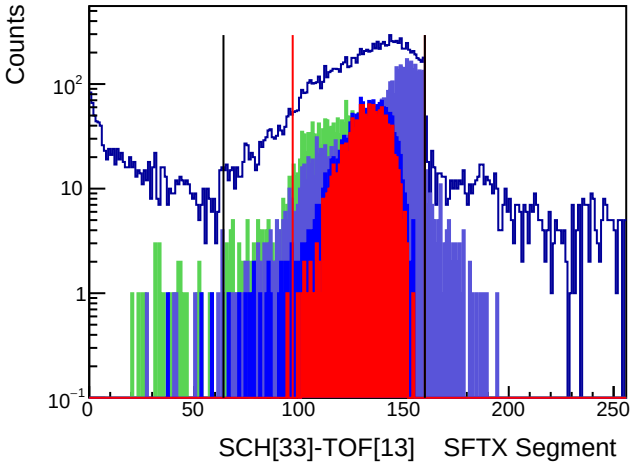
1
1.2
1.4
1.6
1.8
2


Counts
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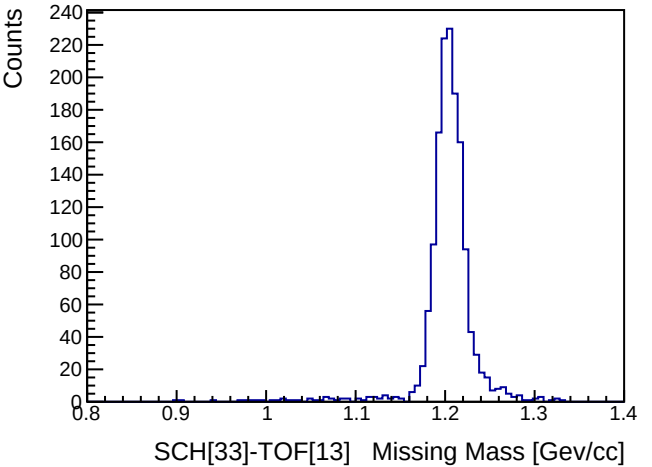
10
1
10^{-1}
0
50
100
150
200
250
SCH[33]-TOF[13] SFTX Segment


Counts
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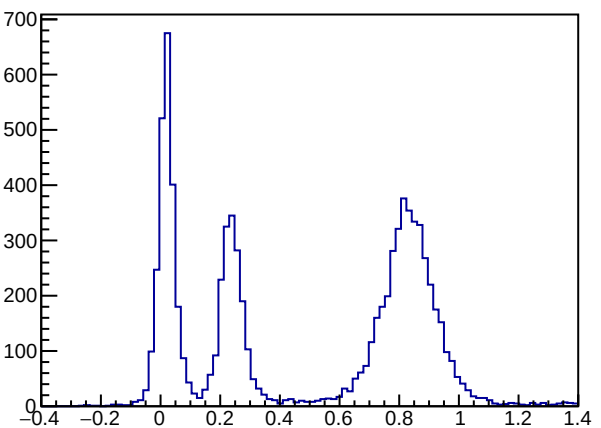
220
200
180
160
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[33]-TOF[13] Missing Mass [Gev/cc]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500
400
300
200
100
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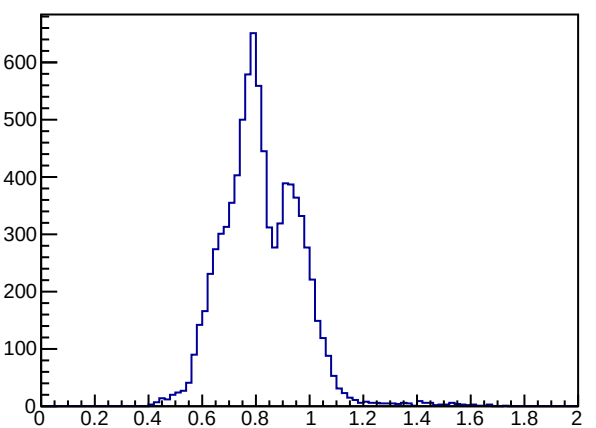
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4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100
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0.6
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1
1.2
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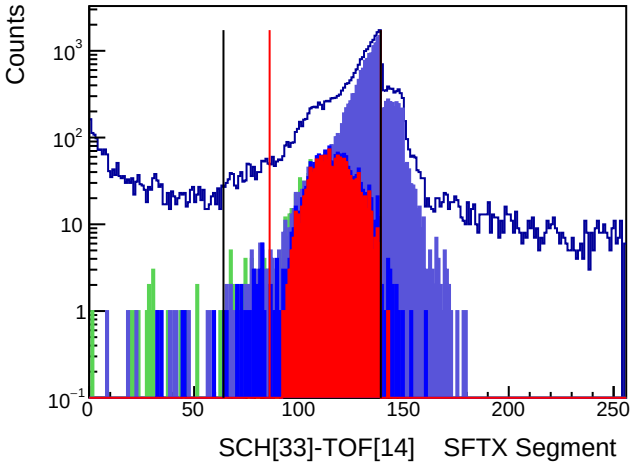
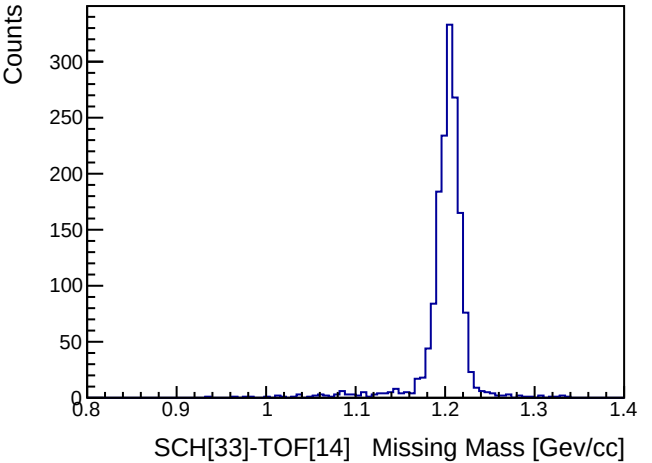
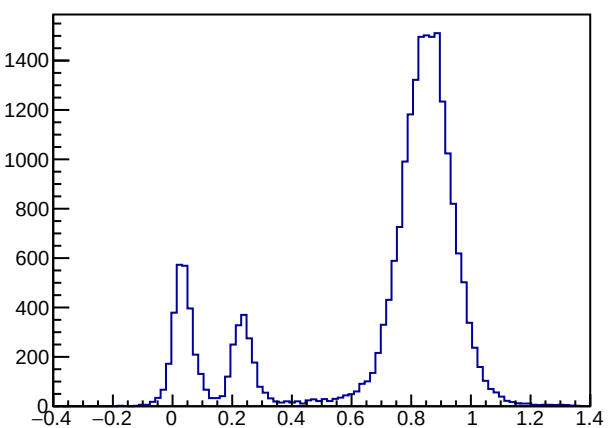
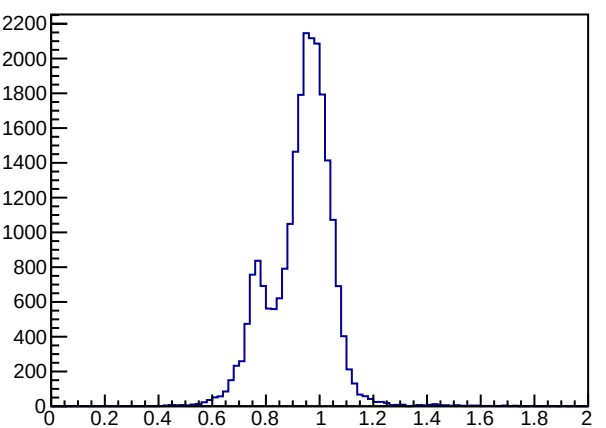
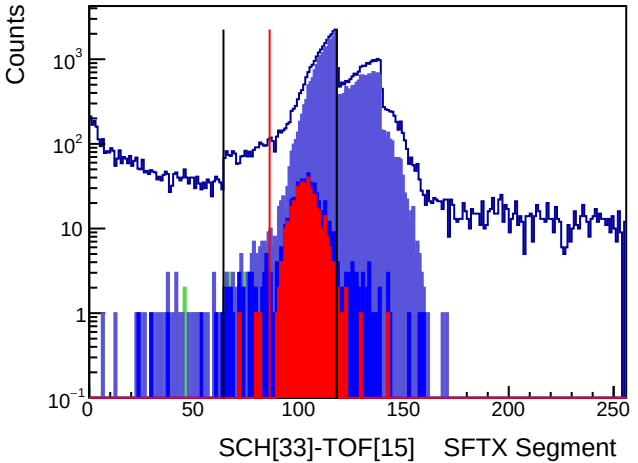
1.6
1.8
2

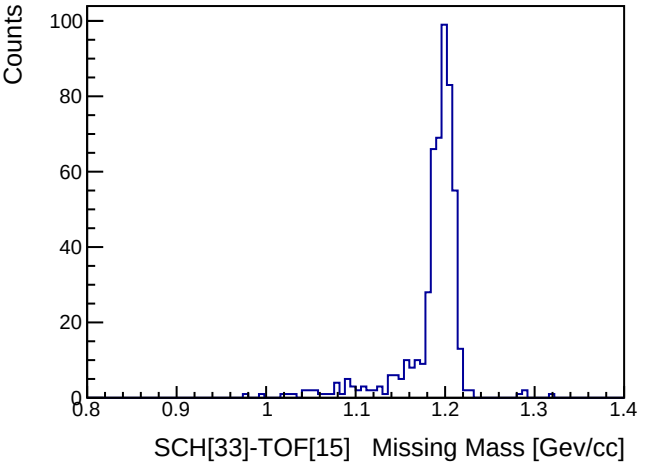

Counts
SCH[33]-TOF[14] SFTX Segment

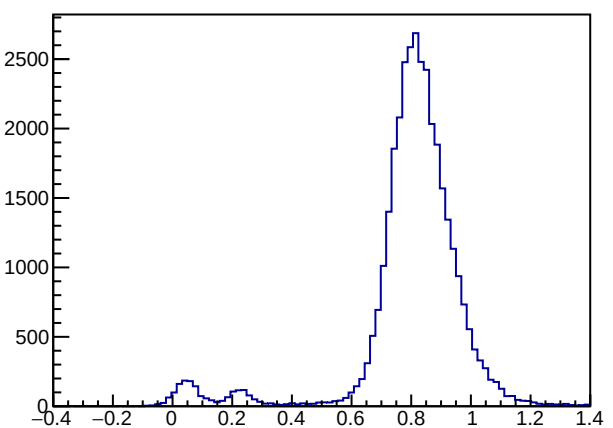

Counts
SCH[33]-TOF[14] Missing Mass [Gev/cc]

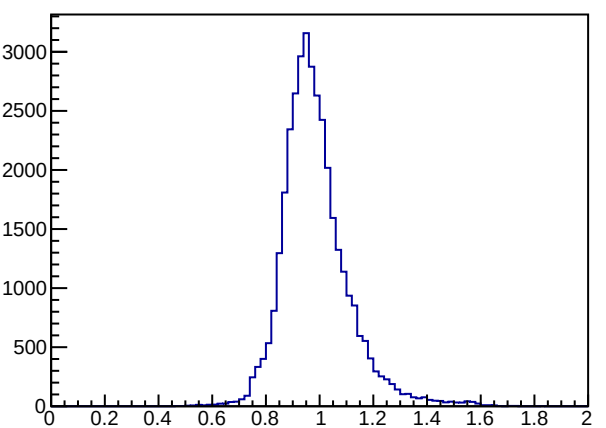


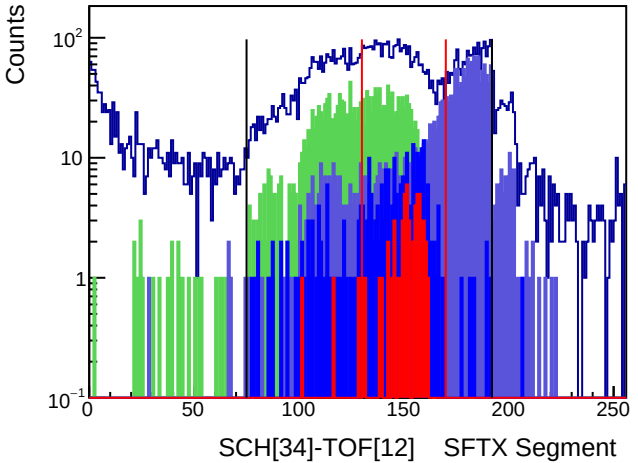


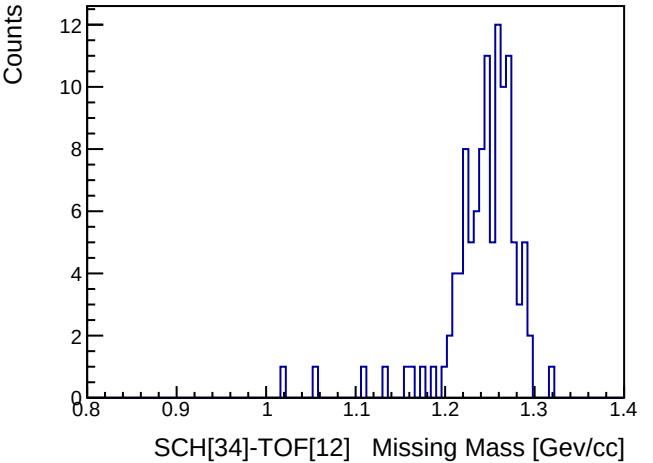

Counts
SCH[33]-TOF[15] SFTX Segment

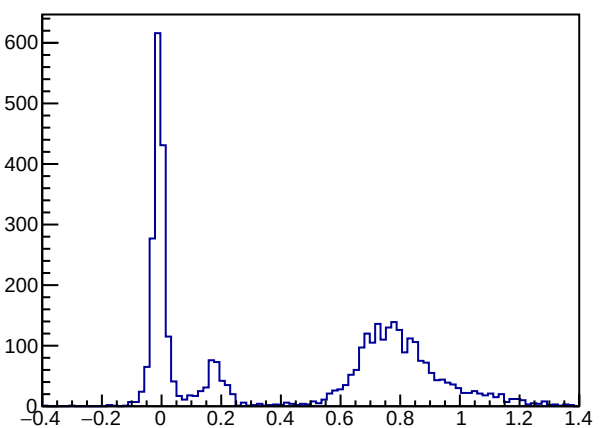

Counts
SCH[33]-TOF[15] Missing Mass [Gev/cc]

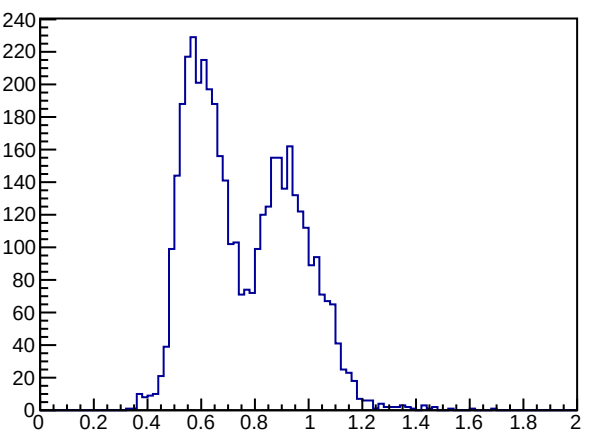





Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[34]-TOF[12] SFTX Segment


Counts
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[34]-TOF[12] Missing Mass [Gev/cc]


600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


240
220
200
180
160
140
120
100
80
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40
20
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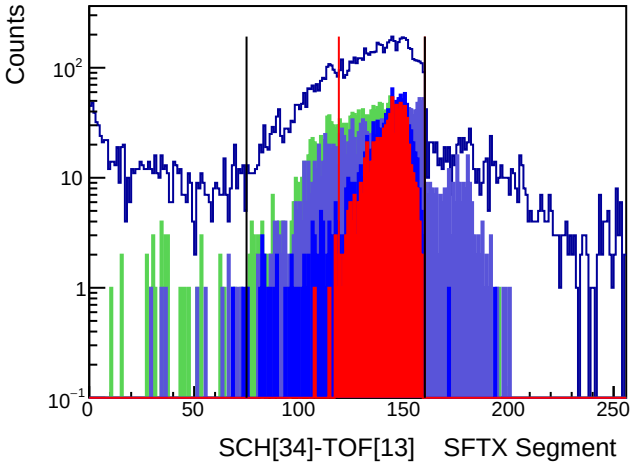
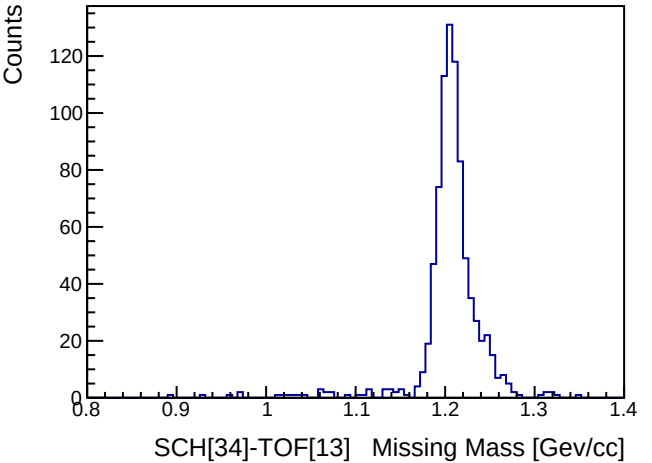
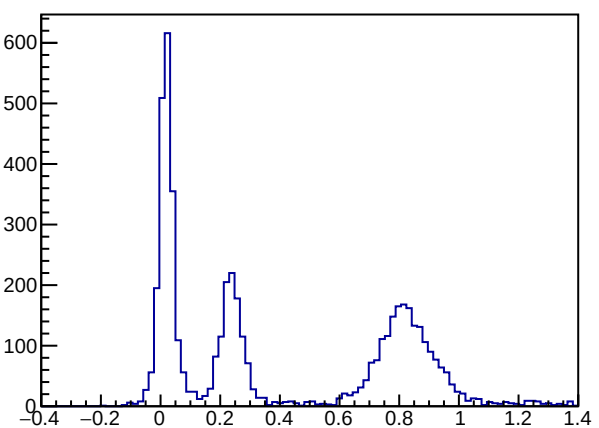
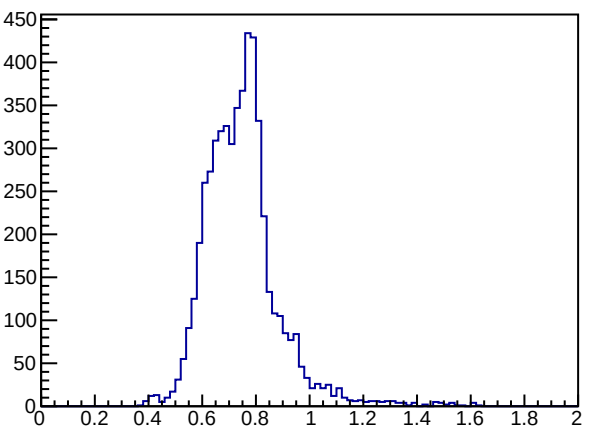
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[34]-TOF[13] SFTX Segment


Counts
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[34]-TOF[13] Missing Mass [Gev/cc]


600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


450
400
350
300
250
200
150
100
50
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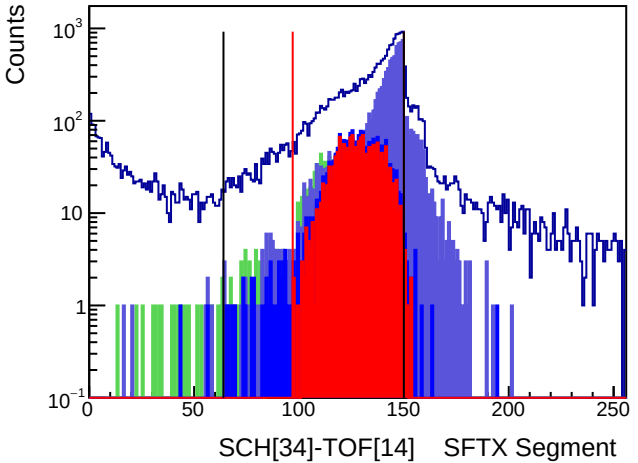
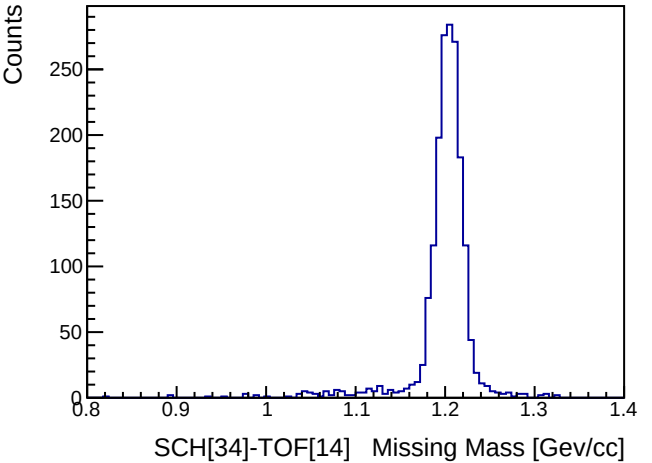
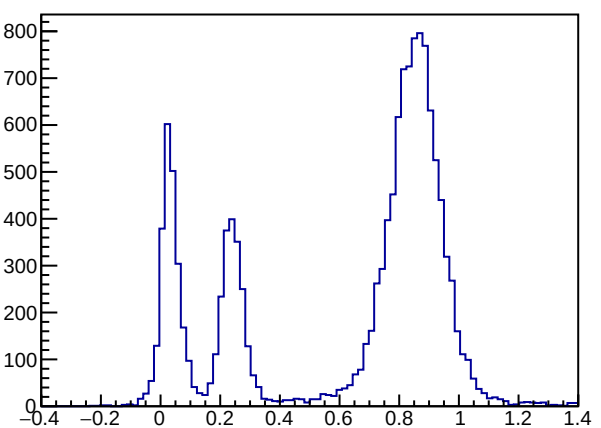
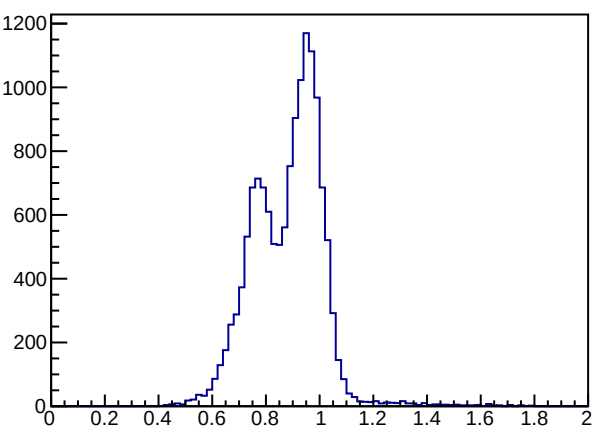
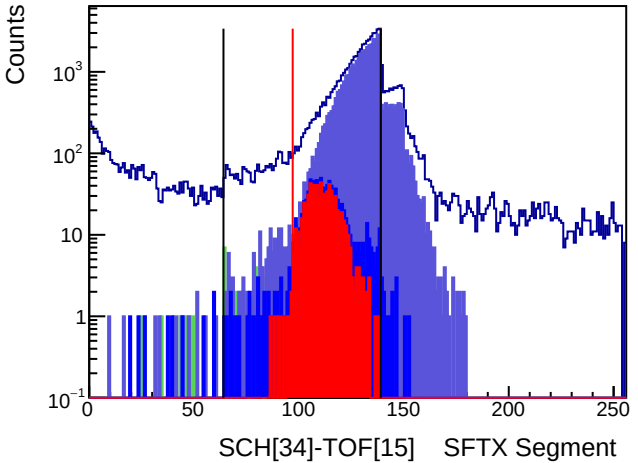
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

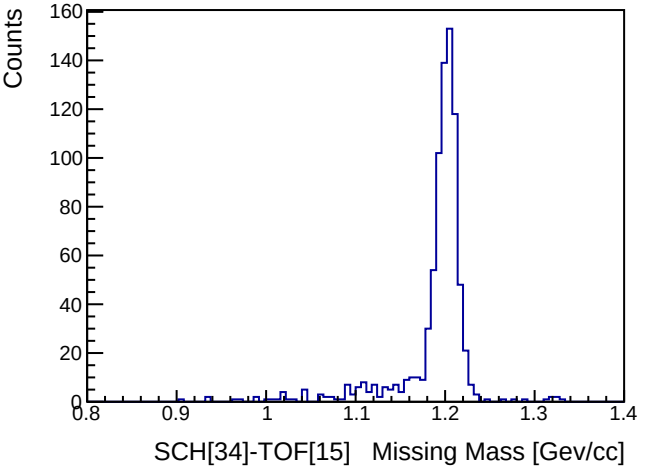

Counts
SCH[34]-TOF[14] SFTX Segment

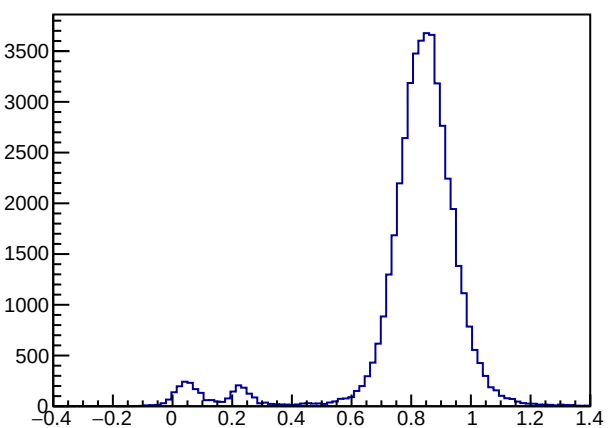

Counts
SCH[34]-TOF[14] Missing Mass [Gev/cc]

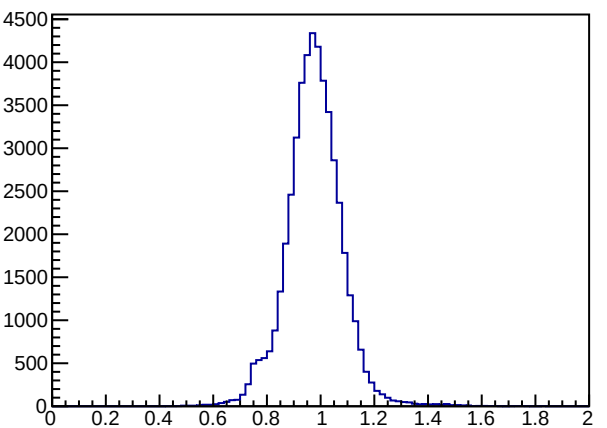


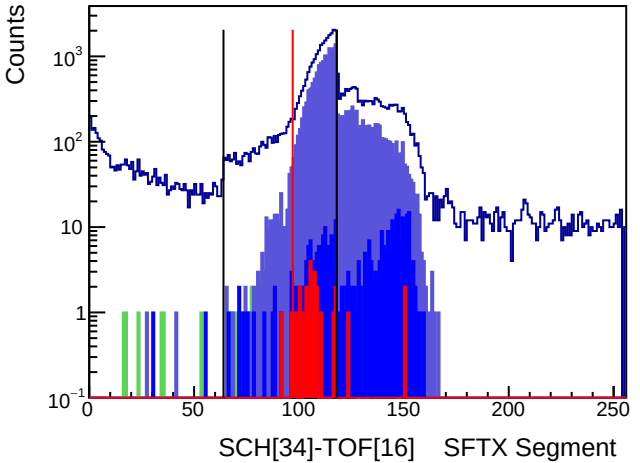


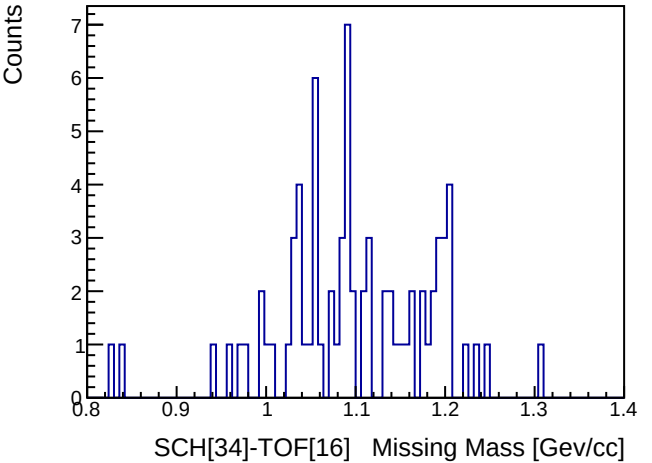

Counts
SCH[34]-TOF[15] SFTX Segment

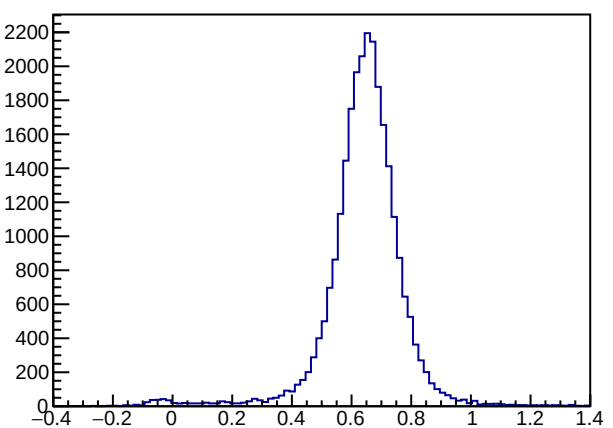

Counts
SCH[34]-TOF[15] Missing Mass [Gev/cc]

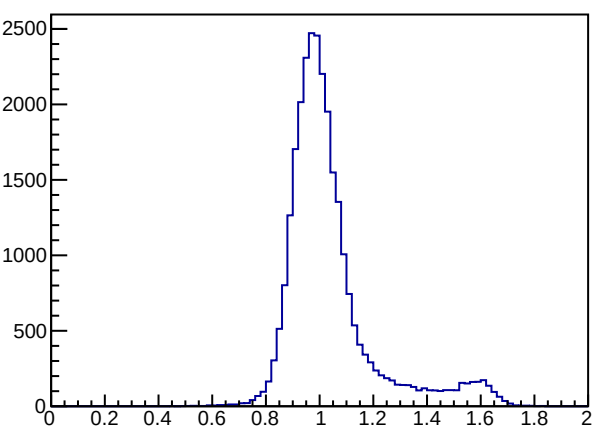


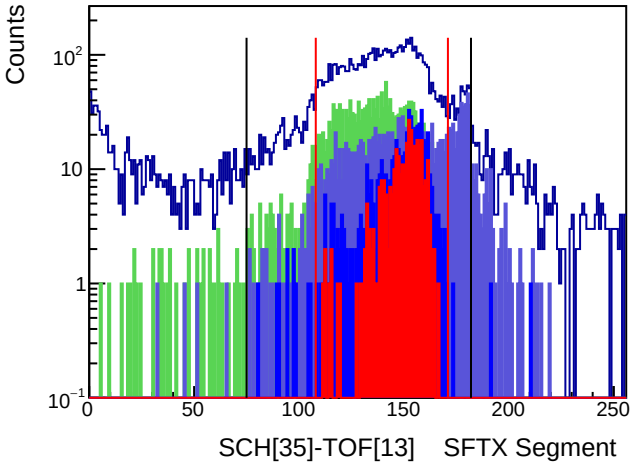


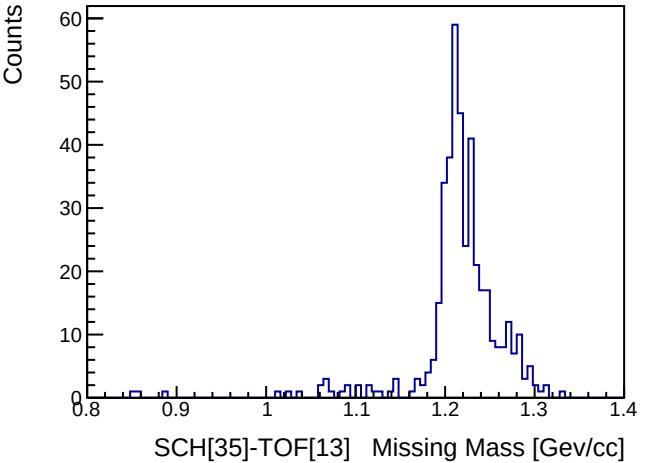

Counts
SCH[34]-TOF[16] SFTX Segment

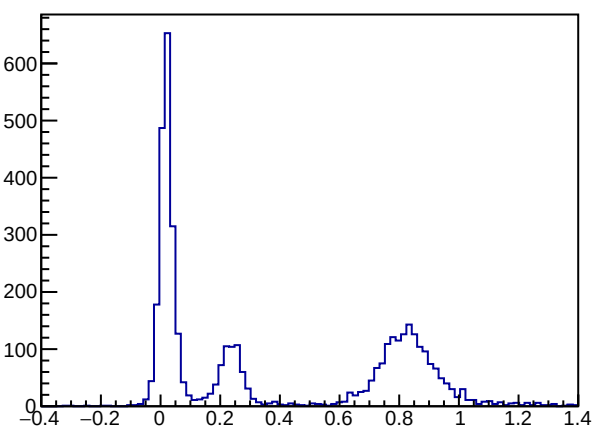

Counts
SCH[34]-TOF[16] Missing Mass [Gev/cc]

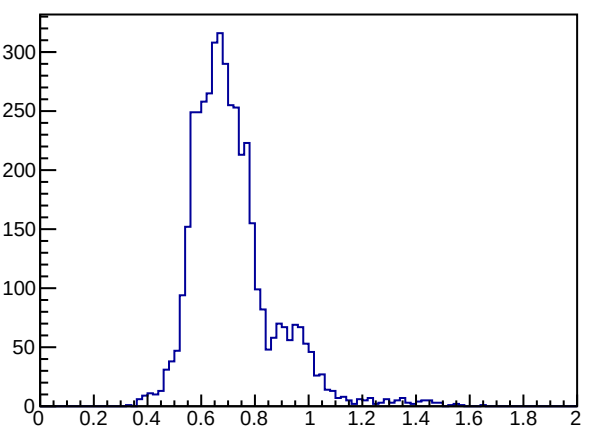


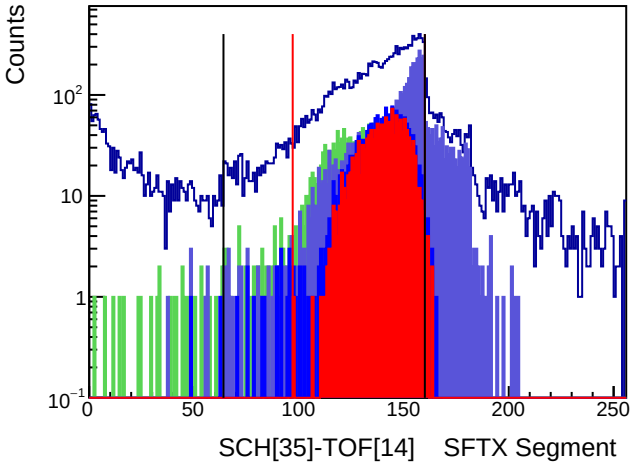


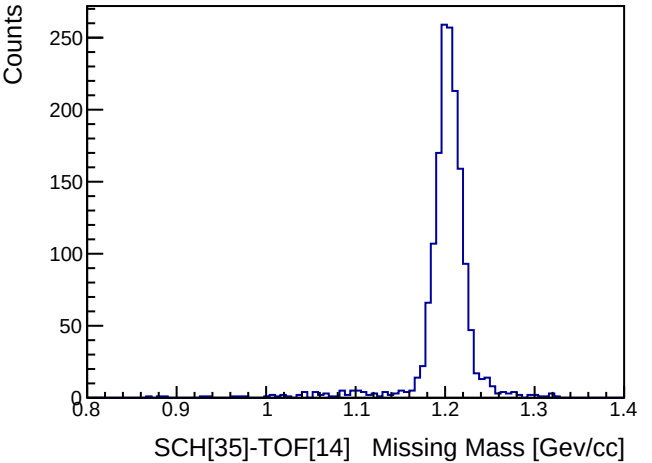

Counts
SCH[35]-TOF[13] SFTX Segment

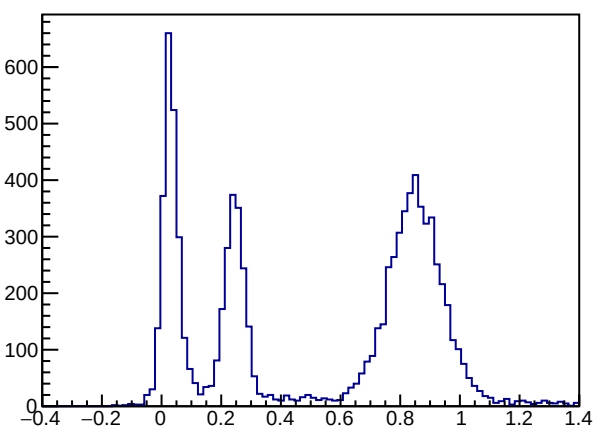

Counts
SCH[35]-TOF[13] Missing Mass [Gev/cc]

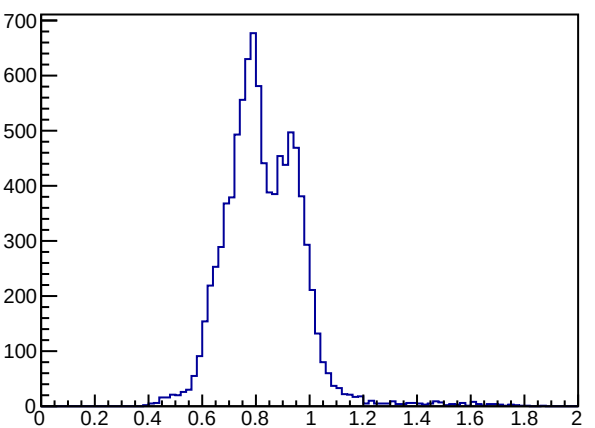


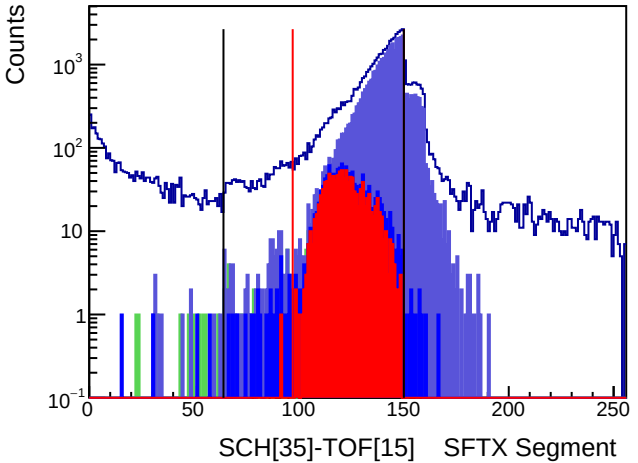


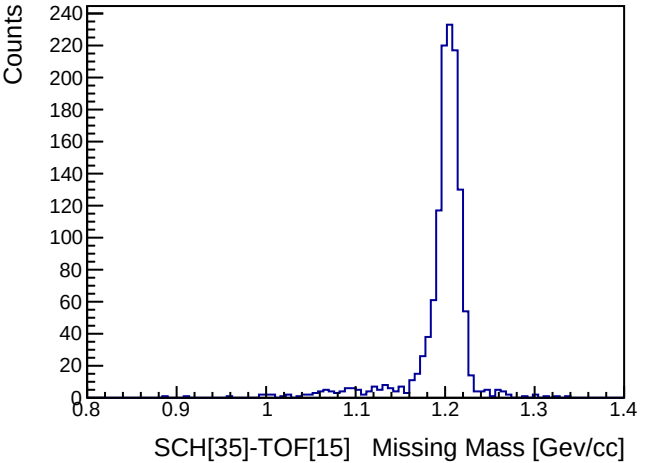

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[35]-TOF[14] SFTX Segment

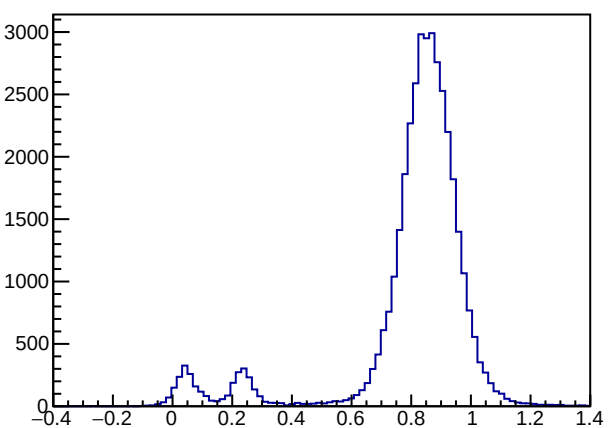

Counts
250
200
150
100
50
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[35]-TOF[14] Missing Mass [Gev/cc]

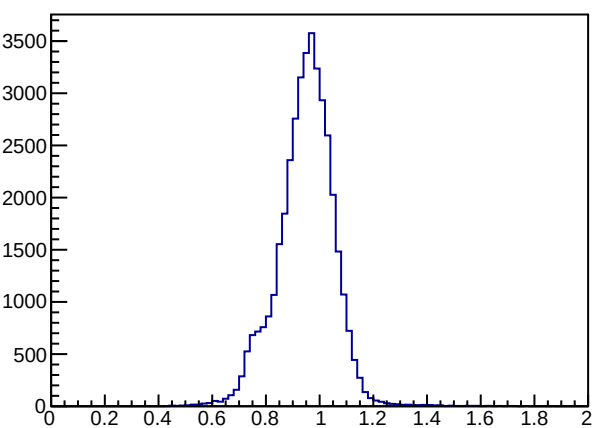

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

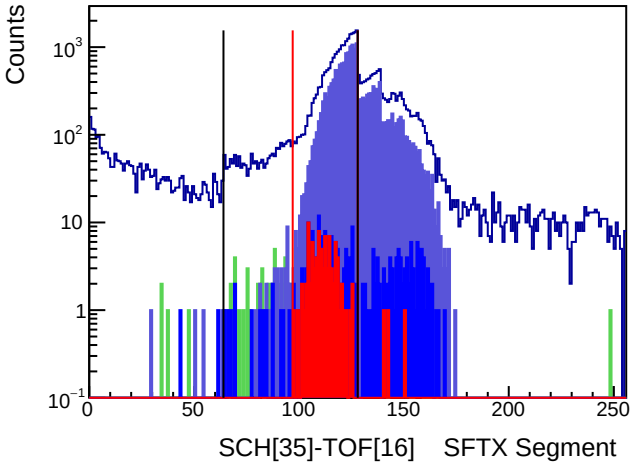

700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

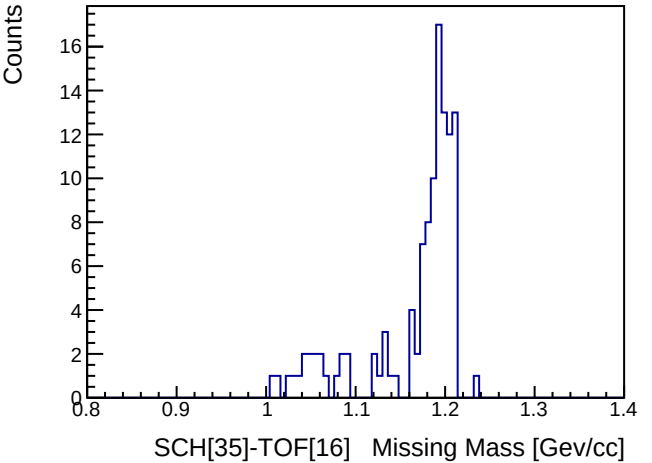

Counts
SCH[35]-TOF[15] SFTX Segment

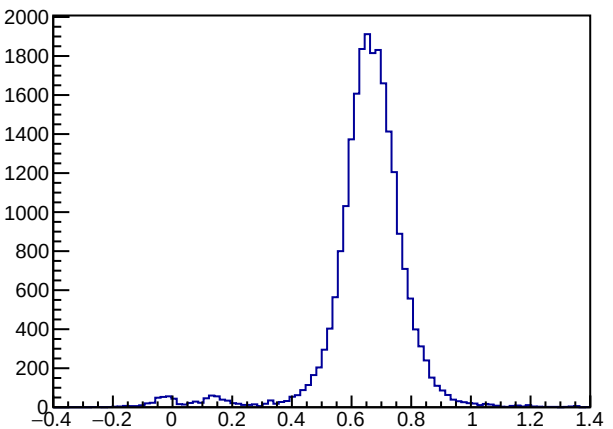

Counts
SCH[35]-TOF[15] Missing Mass [Gev/cc]

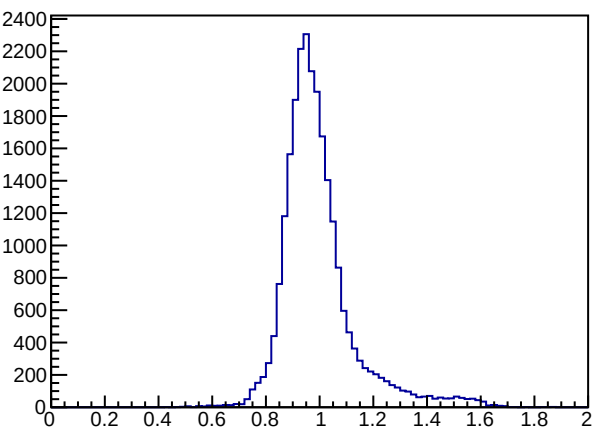


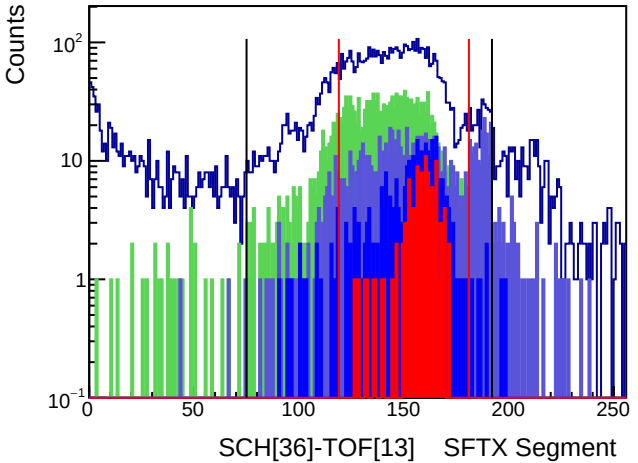


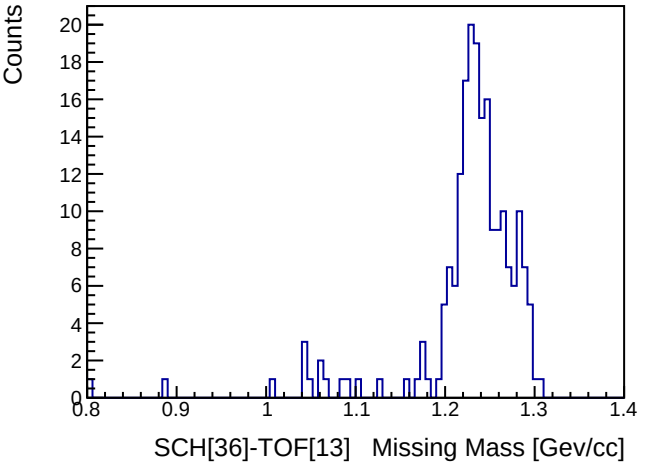

Counts
SCH[35]-TOF[16] SFTX Segment

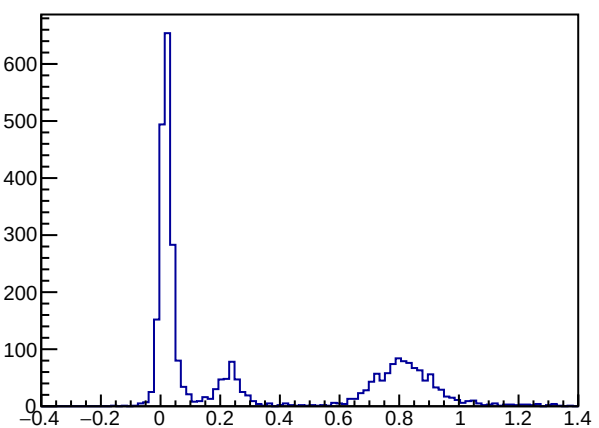

Counts
SCH[35]-TOF[16] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[36]-TOF[13] SFTX Segment


Counts
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[36]-TOF[13] Missing Mass [Gev/cc]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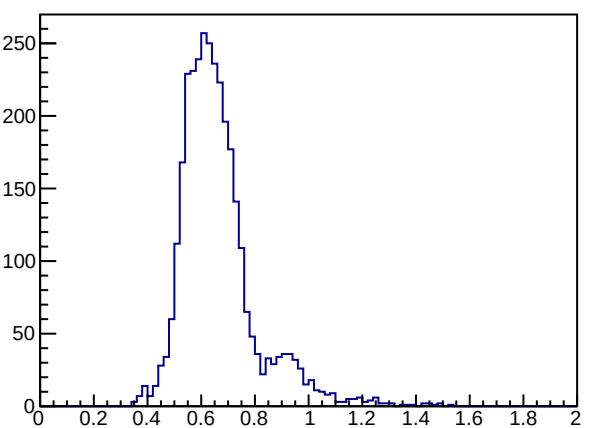
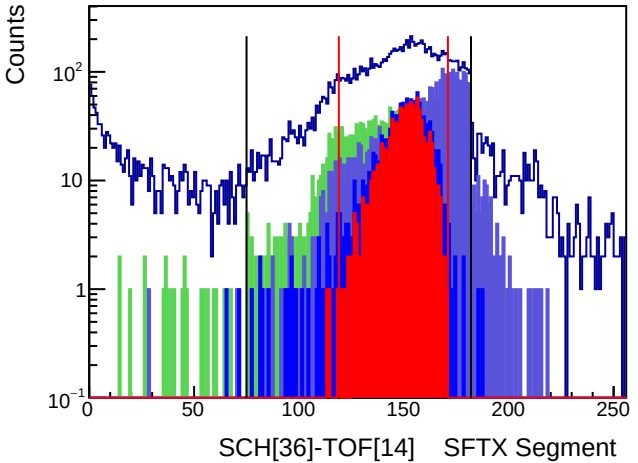
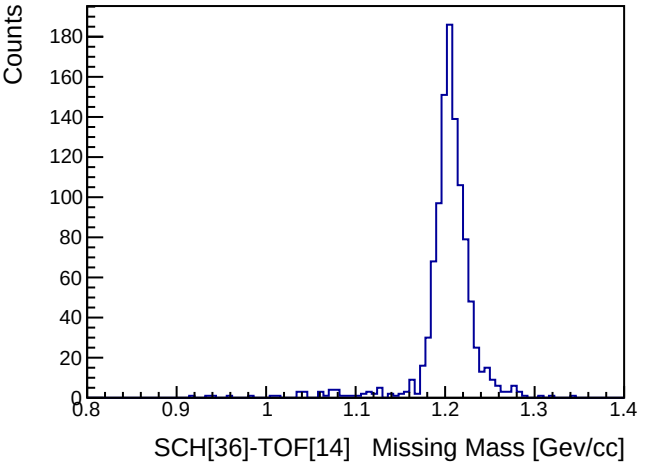
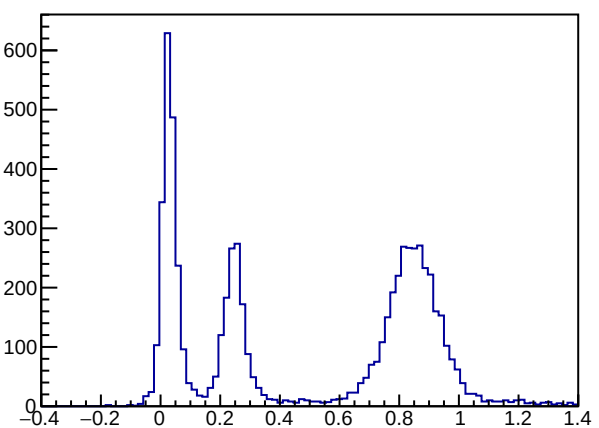
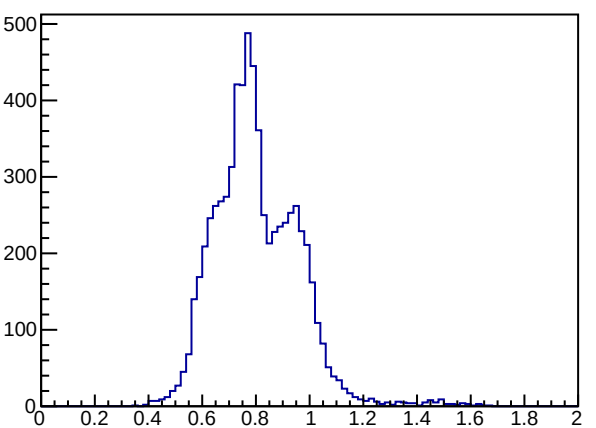
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

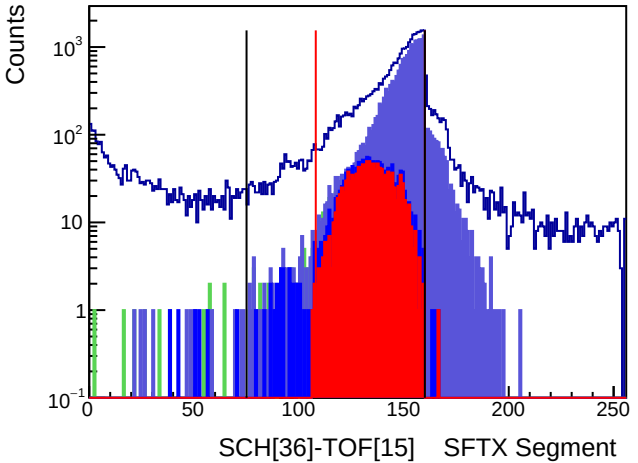

250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

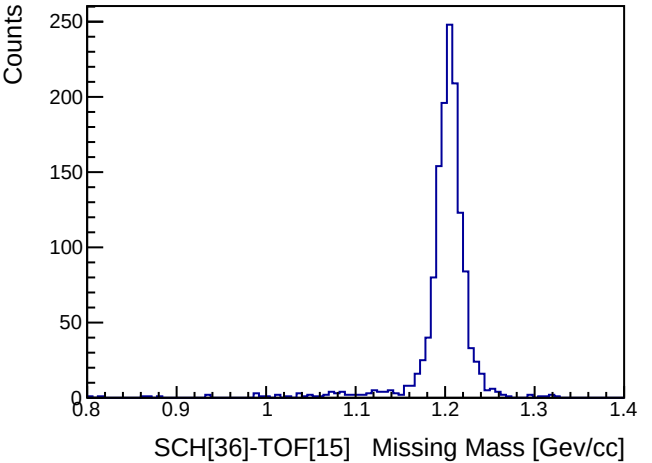

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[36]-TOF[14] SFTX Segment

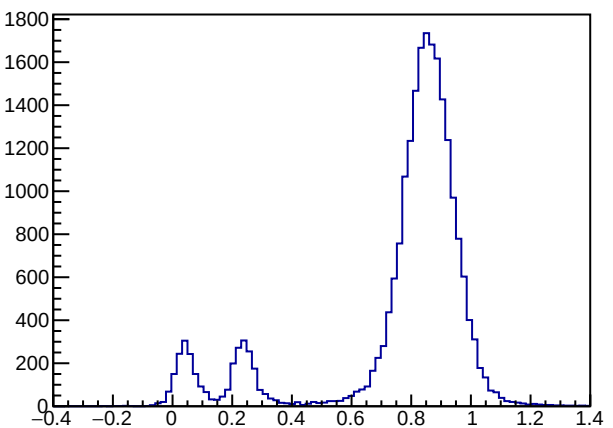

Counts
180
160
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[36]-TOF[14] Missing Mass [Gev/cc]

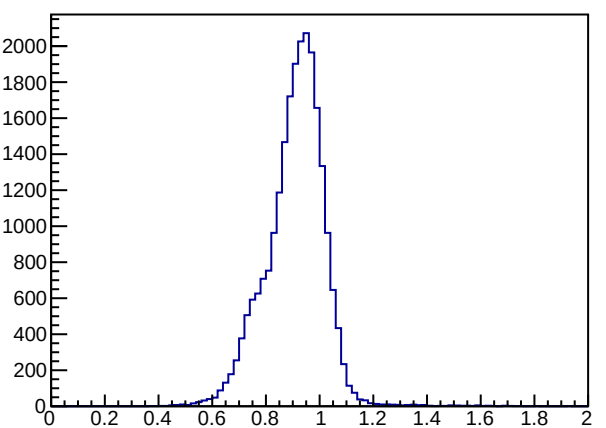

600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

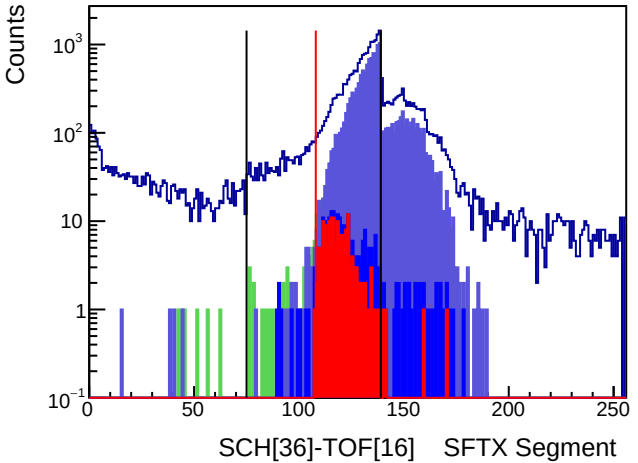

500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

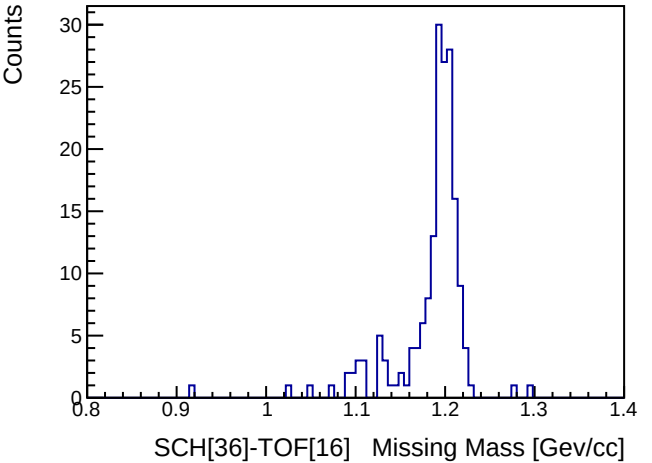

Counts
SCH[36]-TOF[15] SFTX Segment

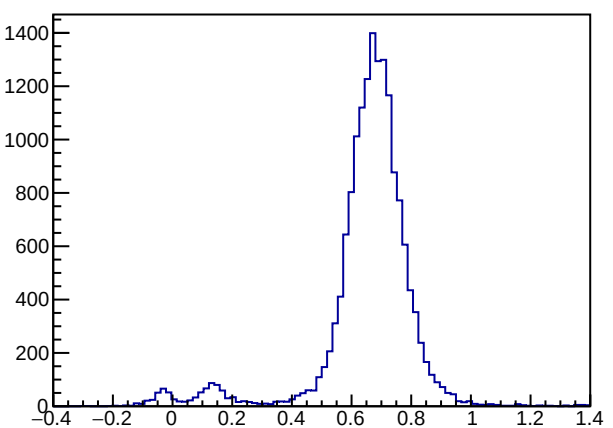

Counts
SCH[36]-TOF[15] Missing Mass [Gev/cc]

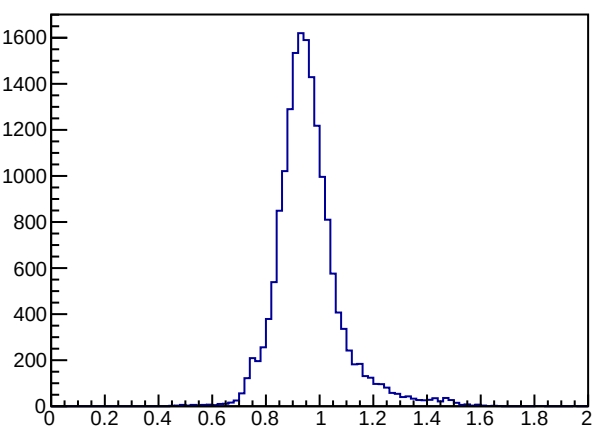


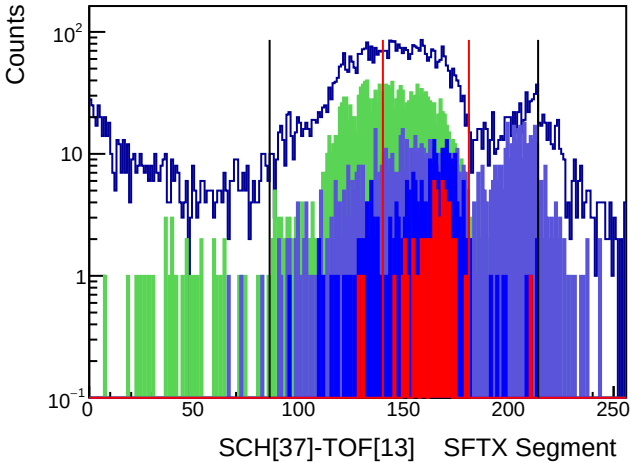


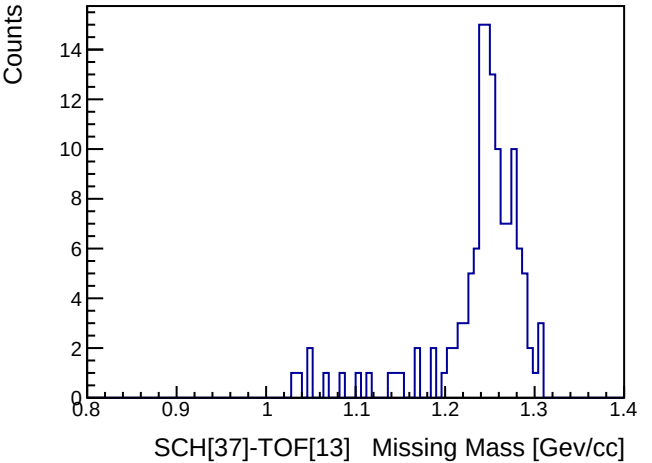

Counts
SCH[36]-TOF[16] SFTX Segment

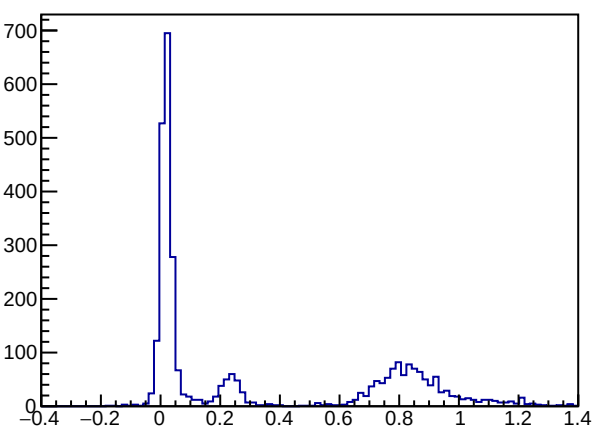

Counts
SCH[36]-TOF[16] Missing Mass [Gev/cc]

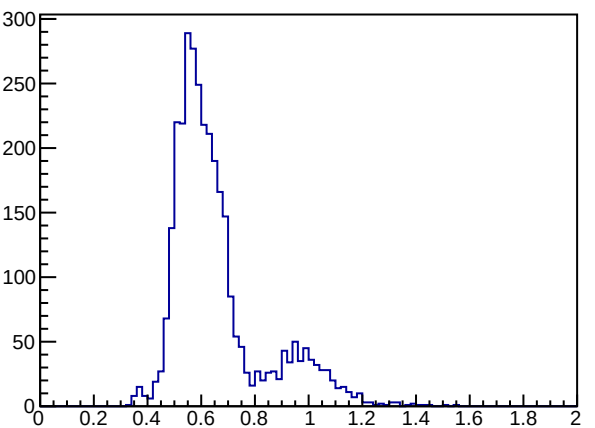


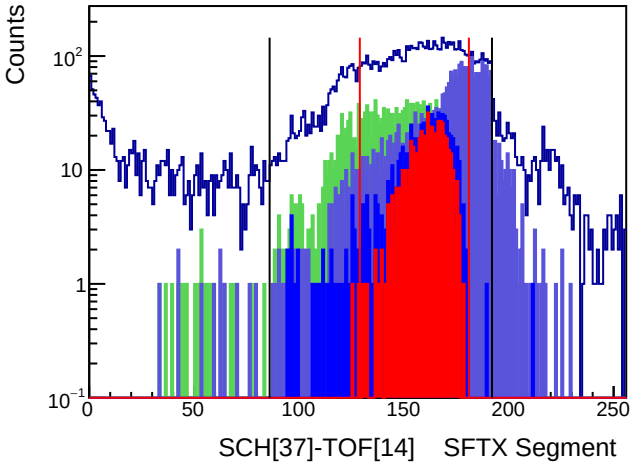


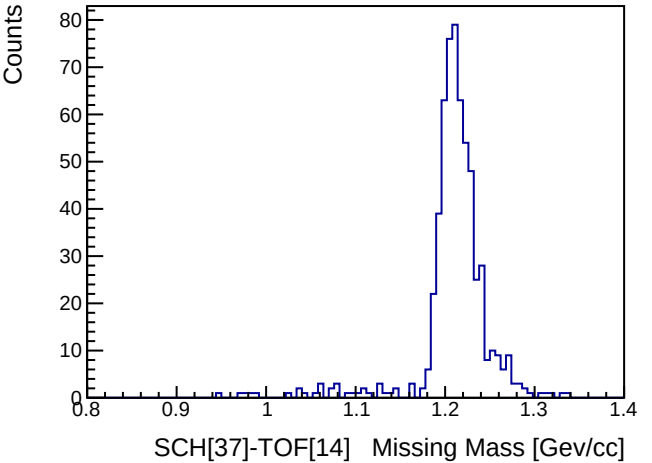

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[37]-TOF[13] SFTX Segment

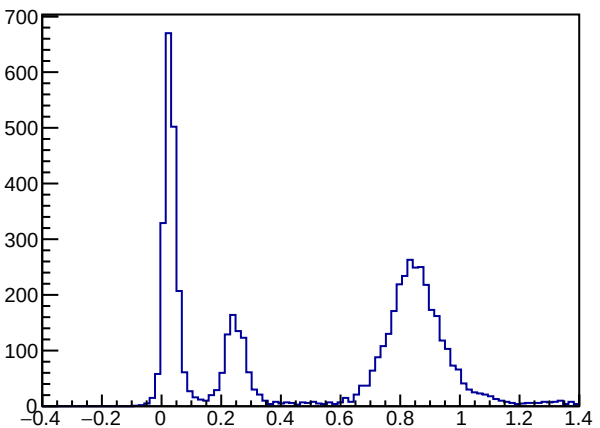

Counts
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[37]-TOF[13] Missing Mass [Gev/cc]

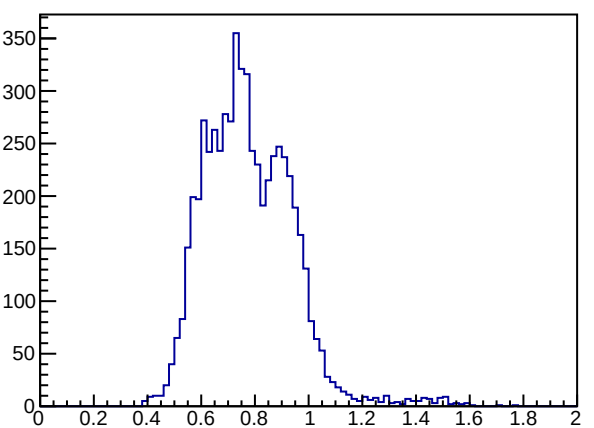

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

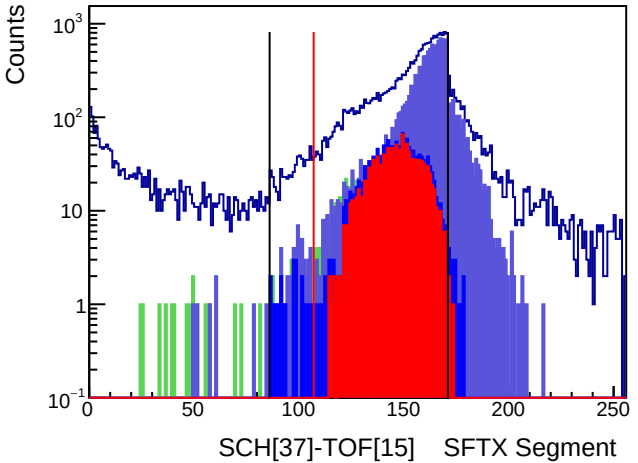

300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

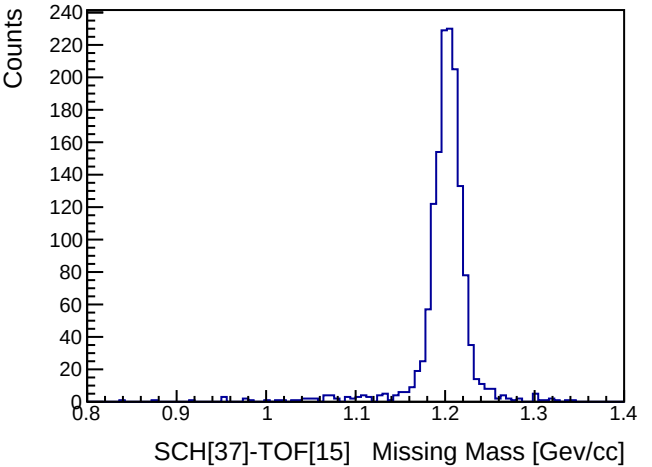

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[37]-TOF[14] SFTX Segment

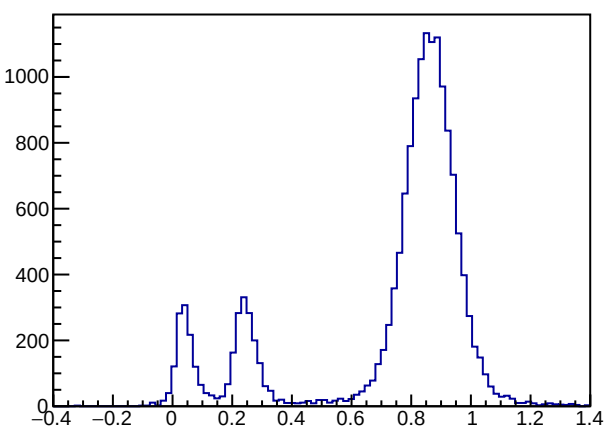

Counts
80
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[37]-TOF[14] Missing Mass [Gev/cc]

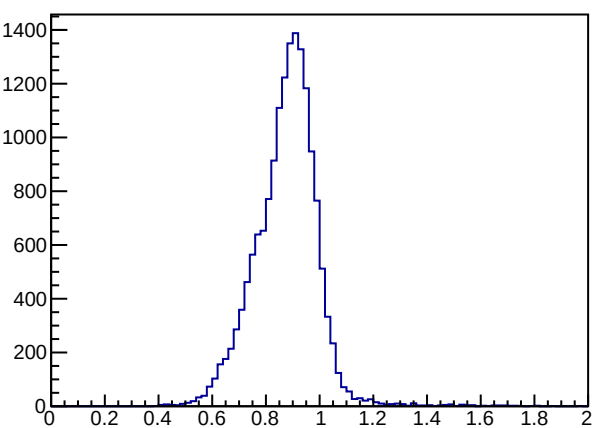

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

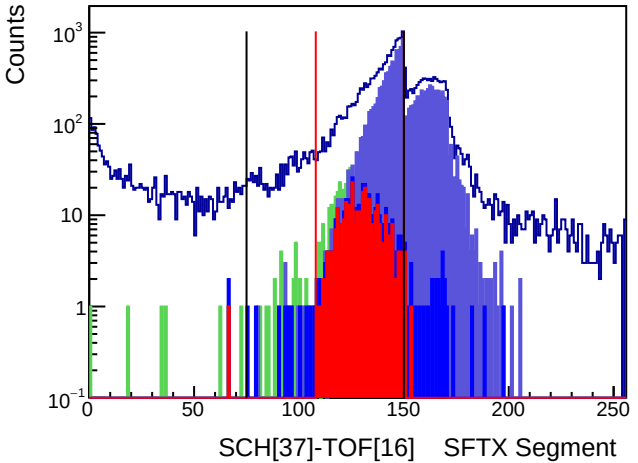

350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

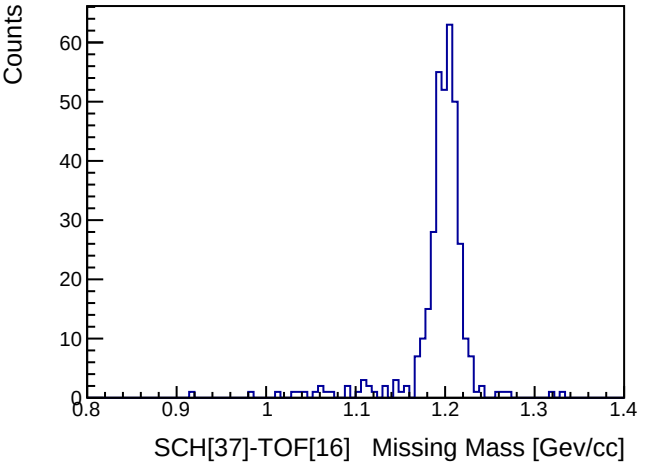

Counts
SCH[37]-TOF[15] SFTX Segment

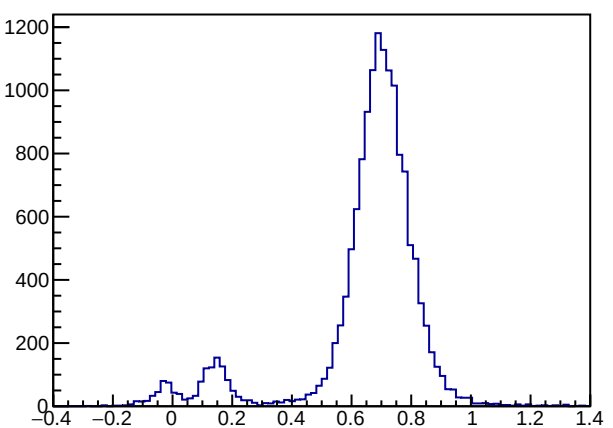

Counts
SCH[37]-TOF[15] Missing Mass [Gev/cc]

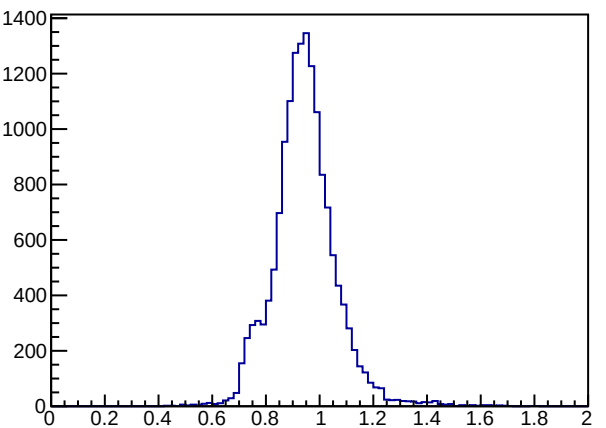


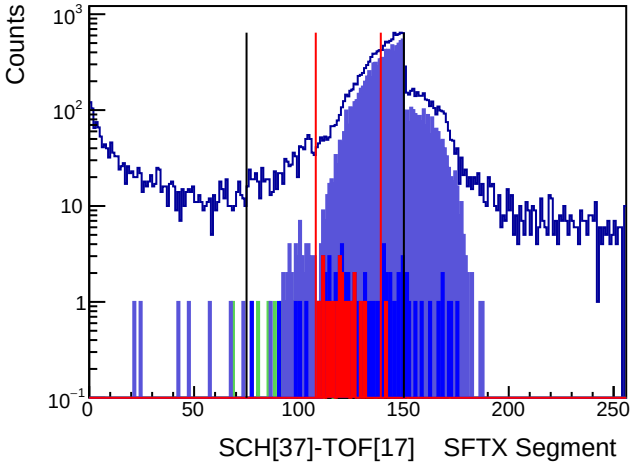


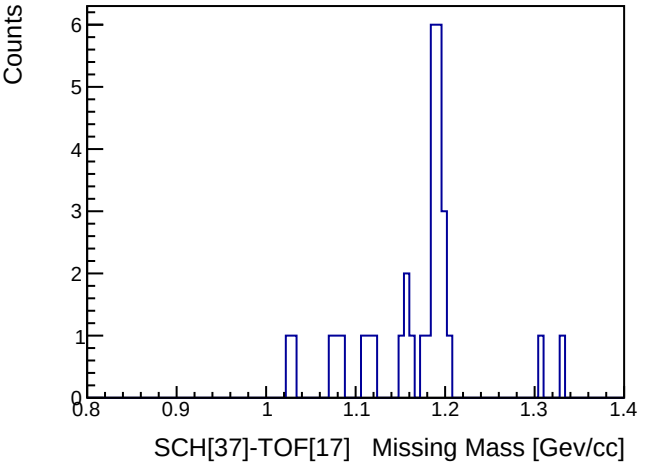

Counts
SCH[37]-TOF[16] SFTX Segment

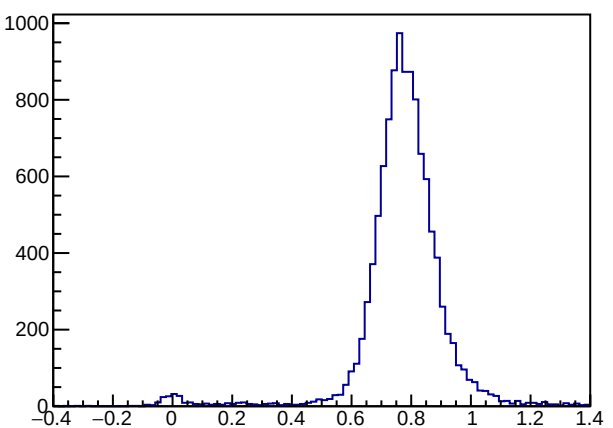

Counts
SCH[37]-TOF[16] Missing Mass [Gev/cc]

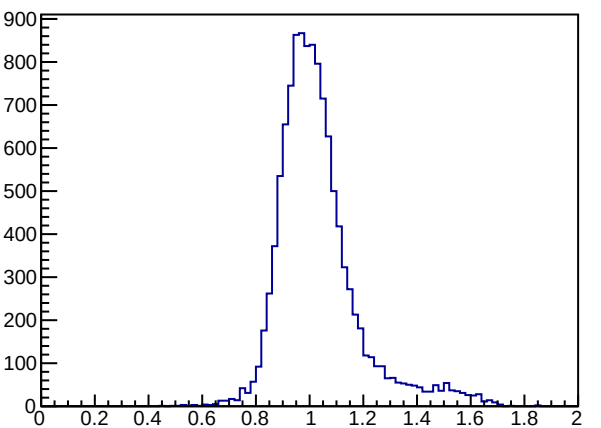


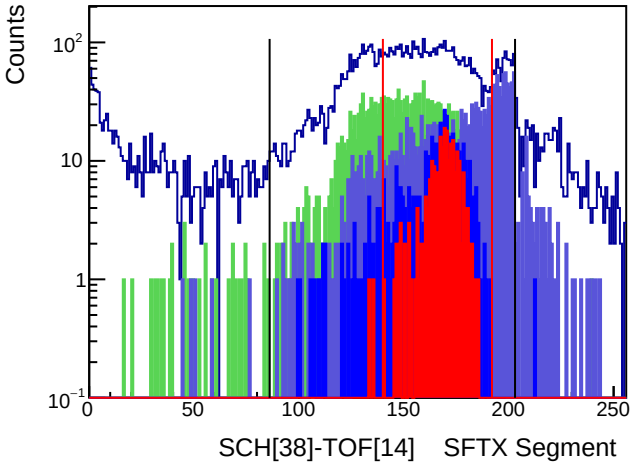


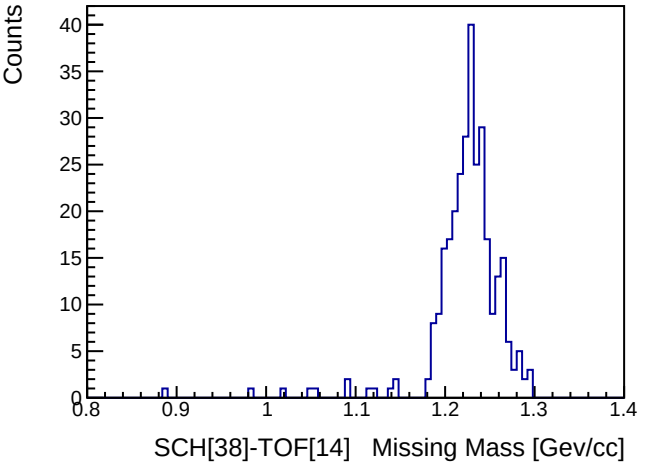

Counts
SCH[37]-TOF[17] SFTX Segment

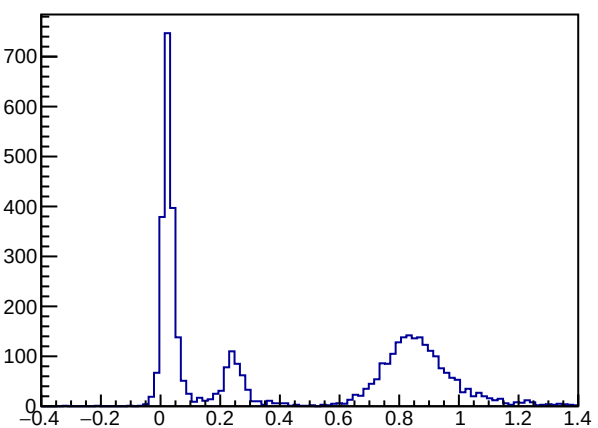

Counts
SCH[37]-TOF[17] Missing Mass [Gev/cc]

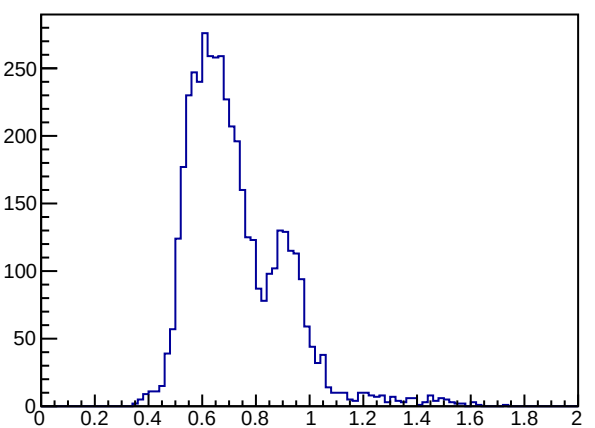


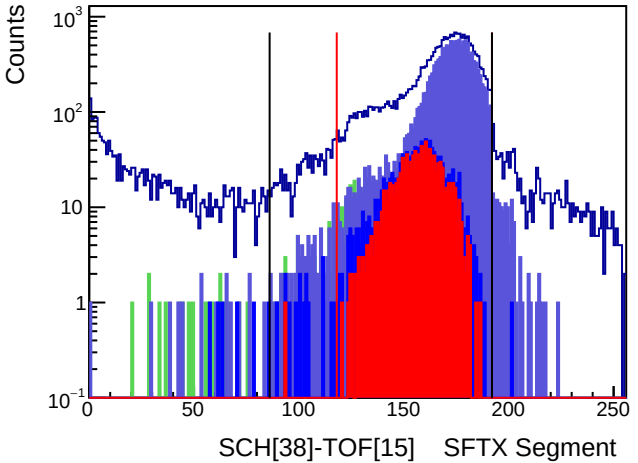


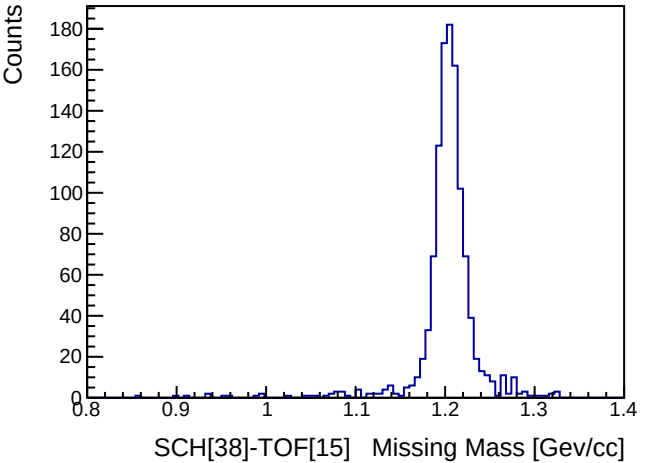

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[38]-TOF[14] SFTX Segment

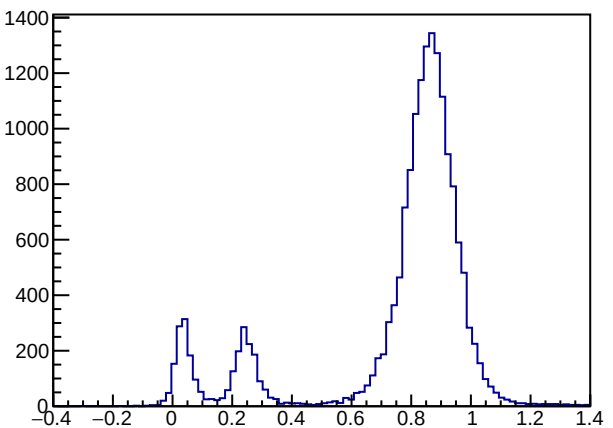

Counts
40
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[38]-TOF[14] Missing Mass [Gev/cc]

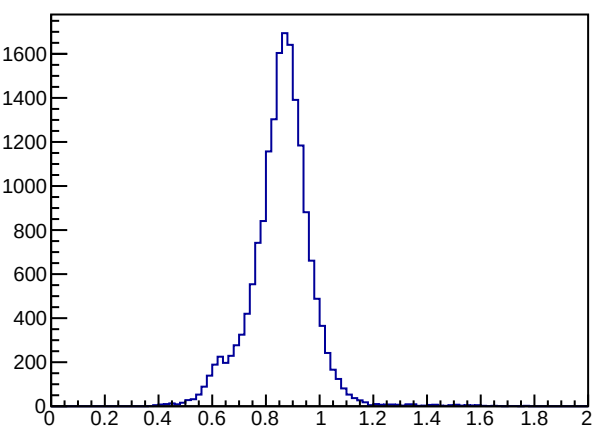

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

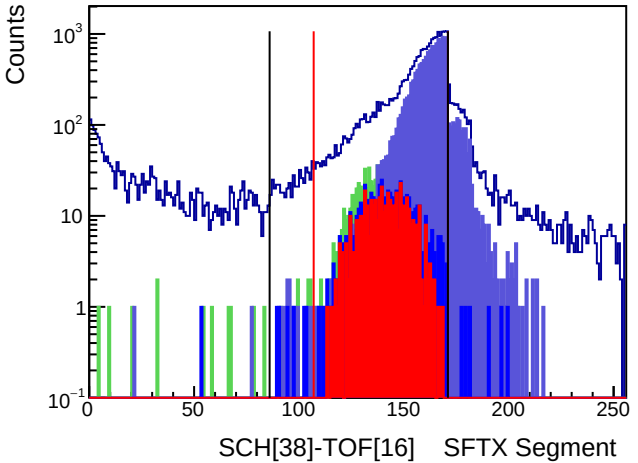

250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

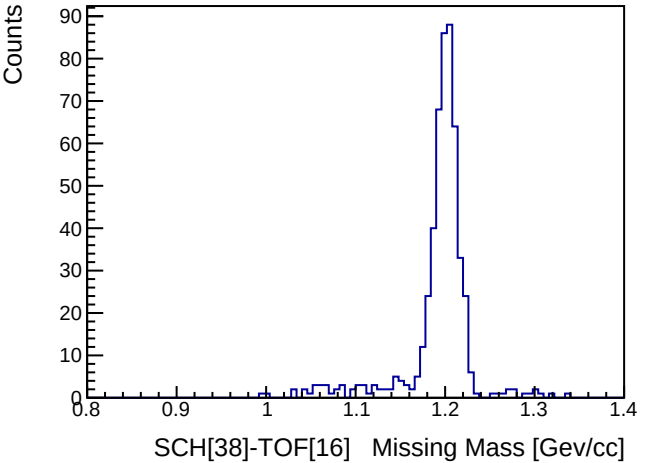

Counts
SCH[38]-TOF[15] SFTX Segment

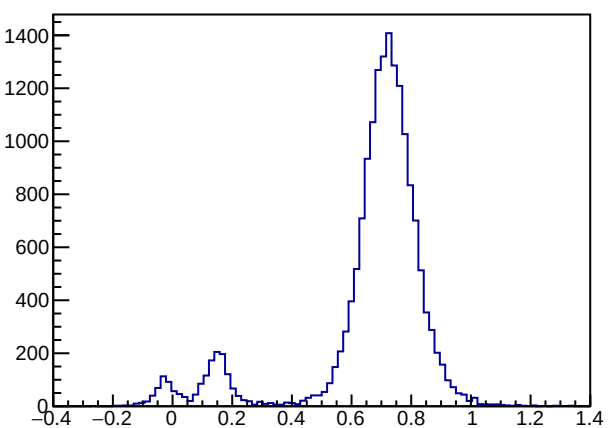

Counts
SCH[38]-TOF[15] Missing Mass [Gev/cc]

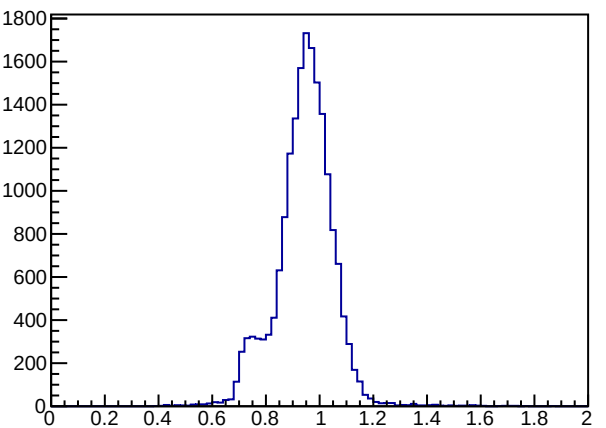


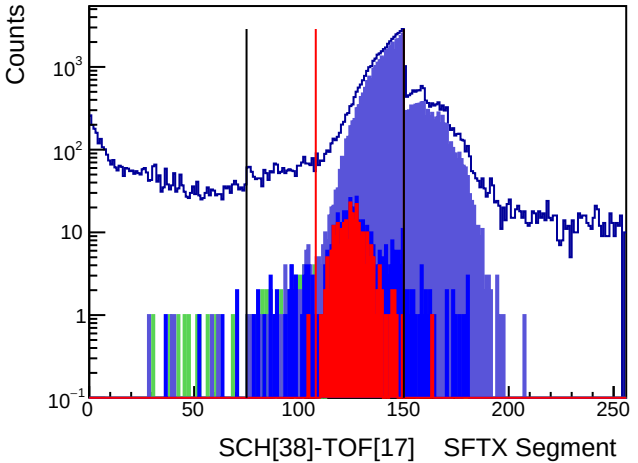


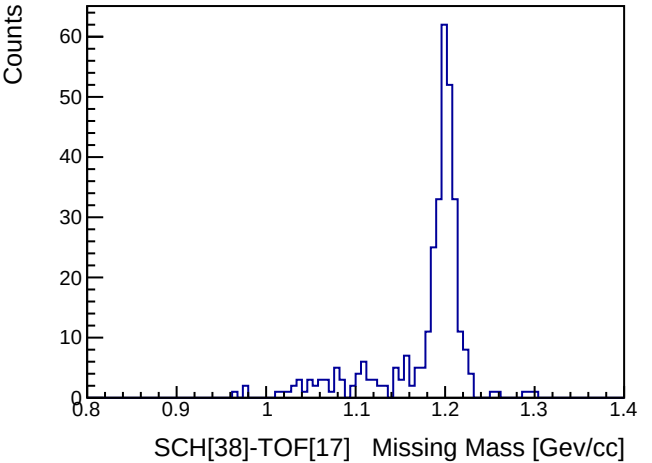

Counts
SCH[38]-TOF[16] SFTX Segment

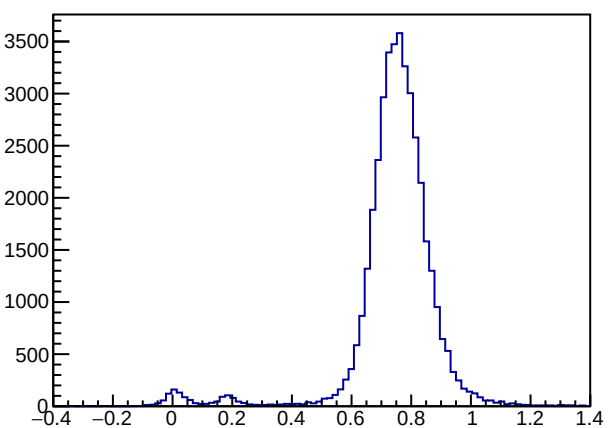

Counts
SCH[38]-TOF[16] Missing Mass [Gev/cc]

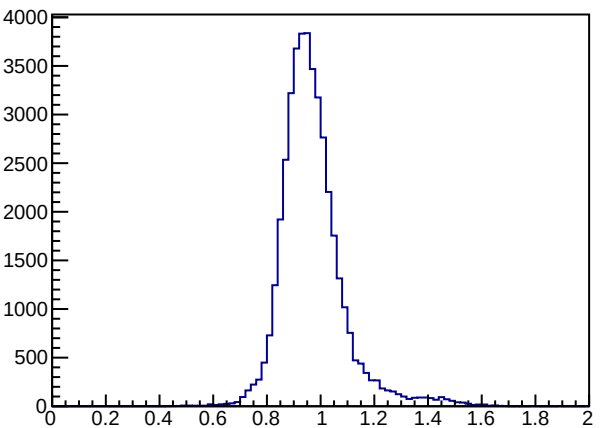


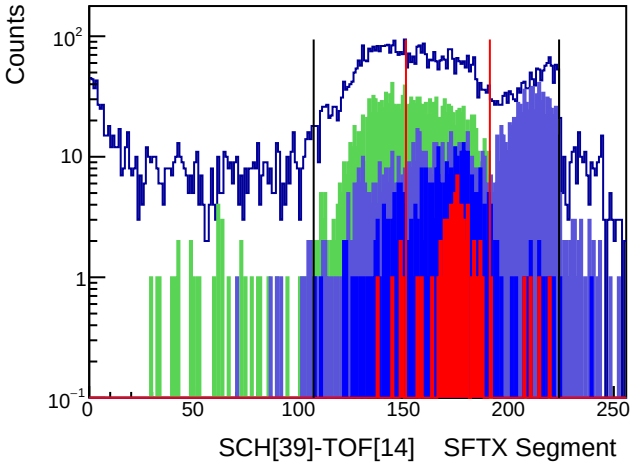


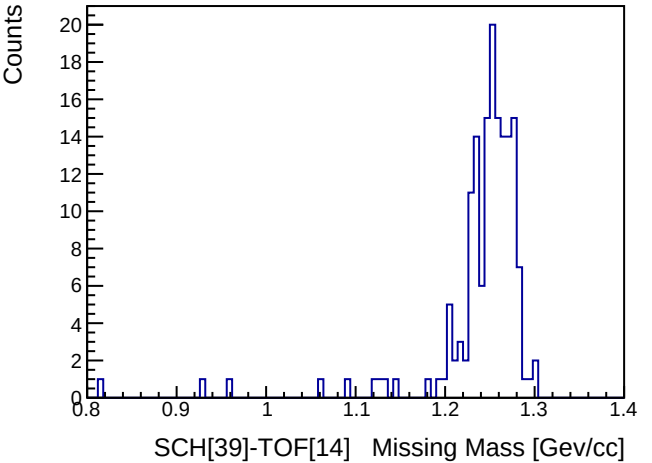

Counts
SCH[38]-TOF[17] SFTX Segment

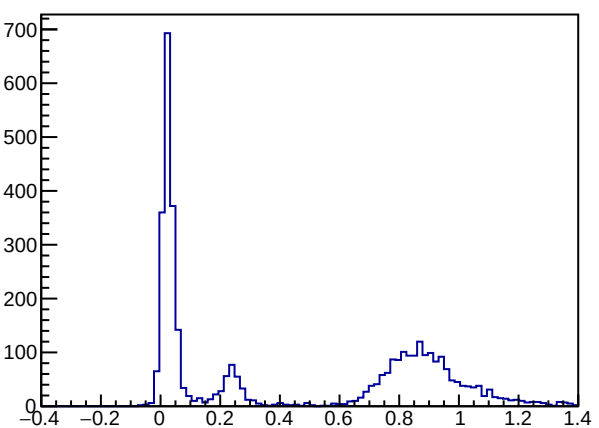

Counts
SCH[38]-TOF[17] Missing Mass [Gev/cc]

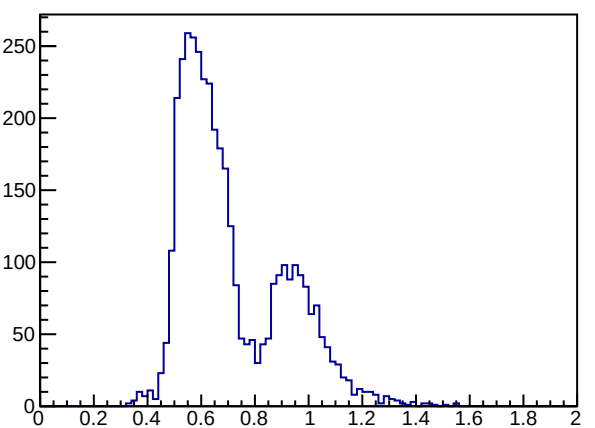


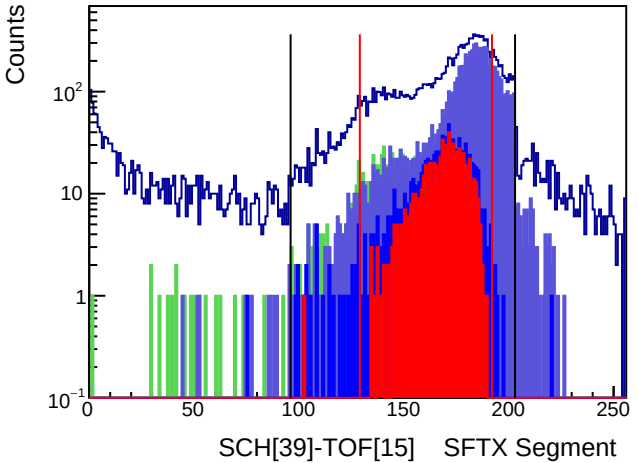


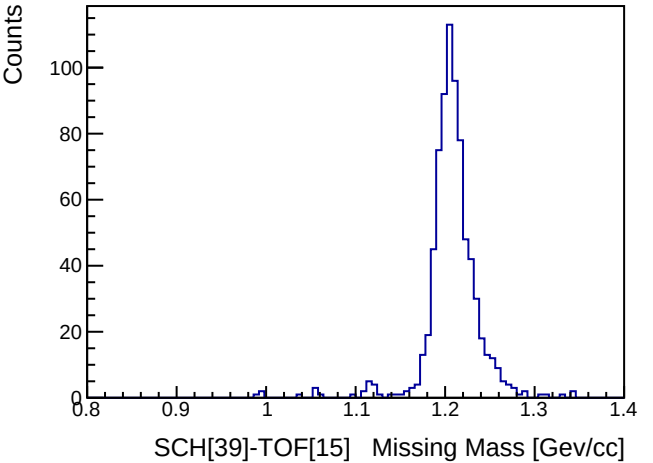

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[39]-TOF[14] SFTX Segment

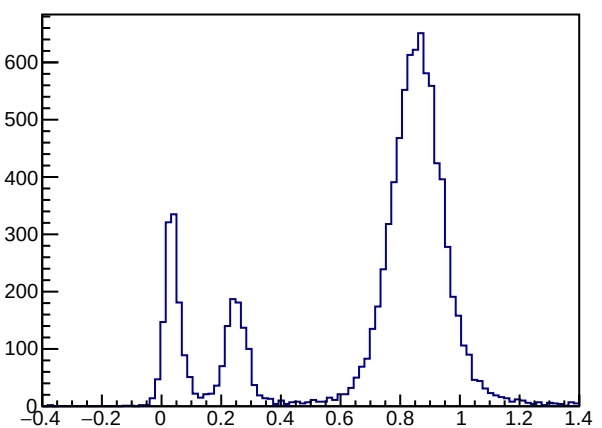

Counts
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[39]-TOF[14] Missing Mass [Gev/cc]

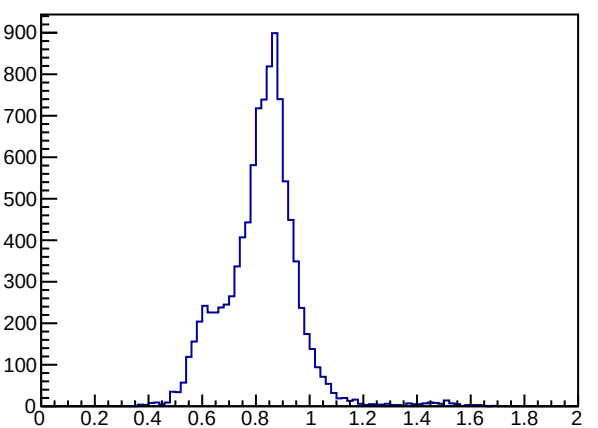

700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

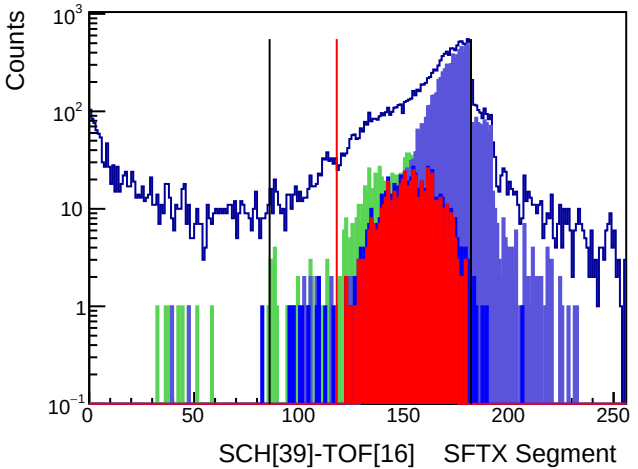

250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

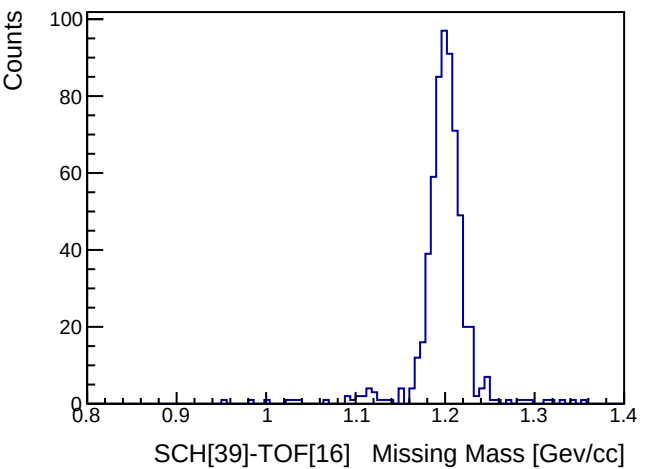

Counts
SCH[39]-TOF[15] SFTX Segment

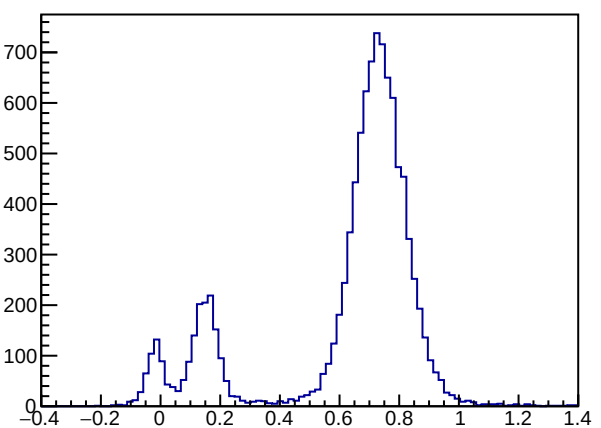

Counts
SCH[39]-TOF[15] Missing Mass [Gev/cc]

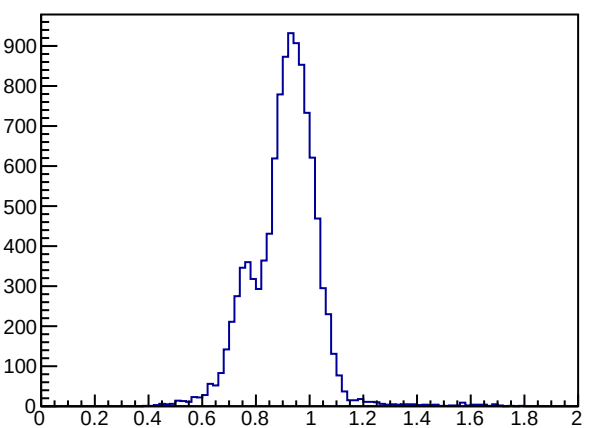


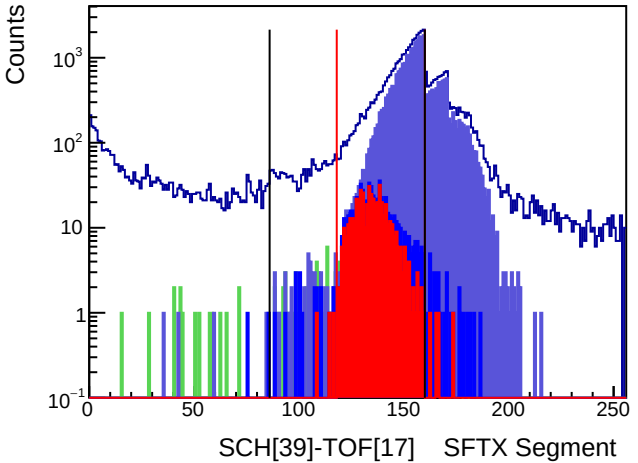


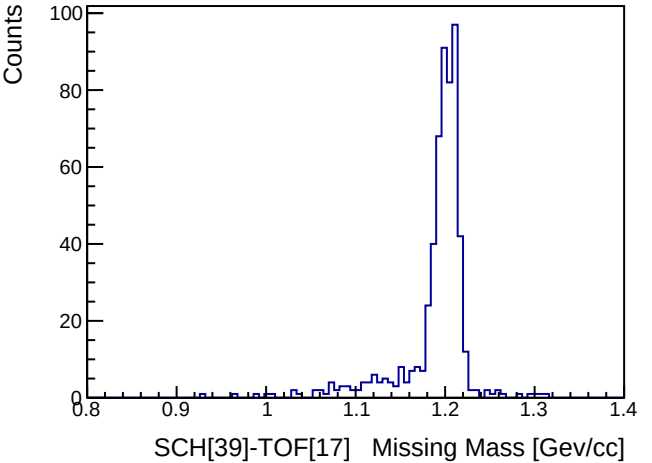

Counts
SCH[39]-TOF[16] SFTX Segment

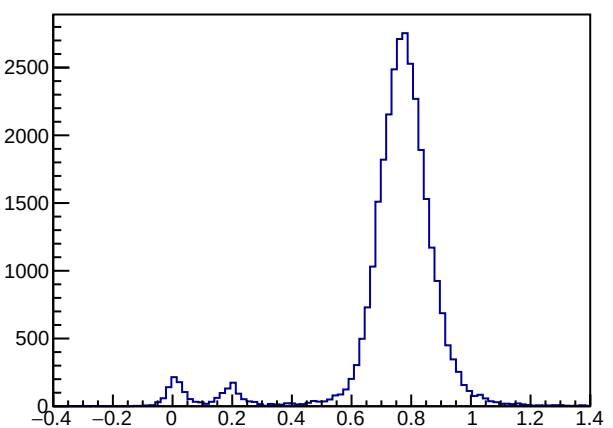

Counts
SCH[39]-TOF[16] Missing Mass [Gev/cc]

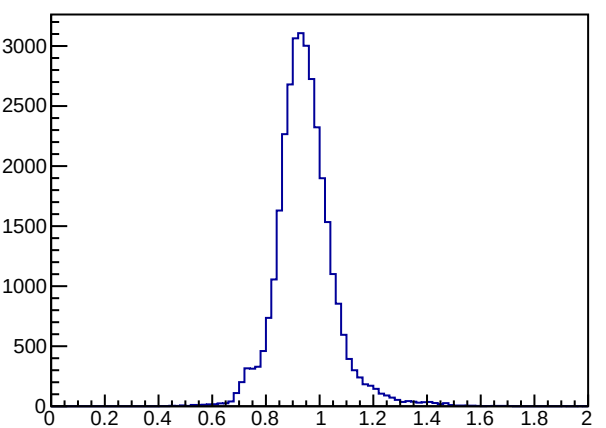


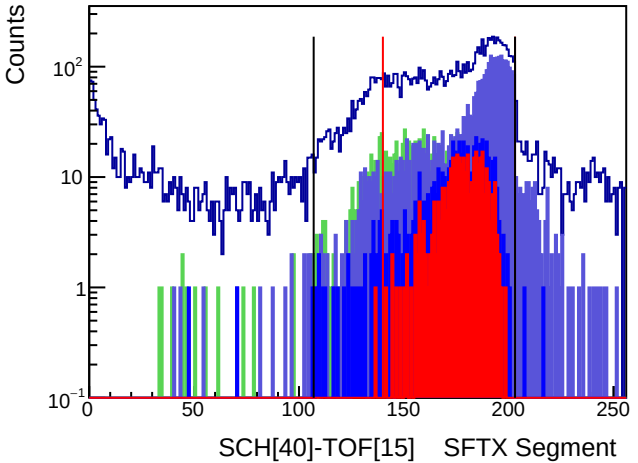


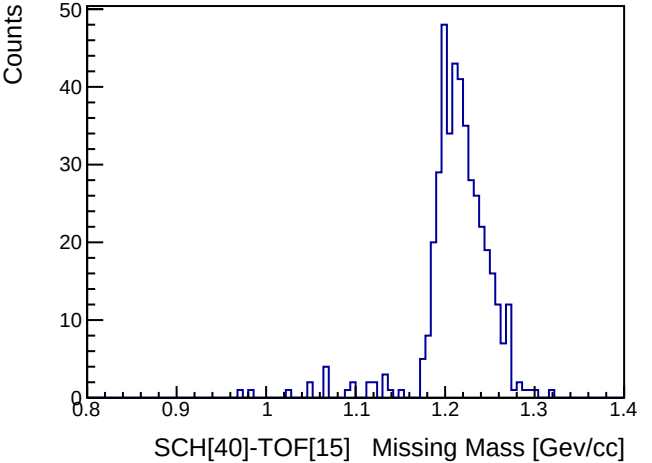

Counts
SCH[39]-TOF[17] SFTX Segment

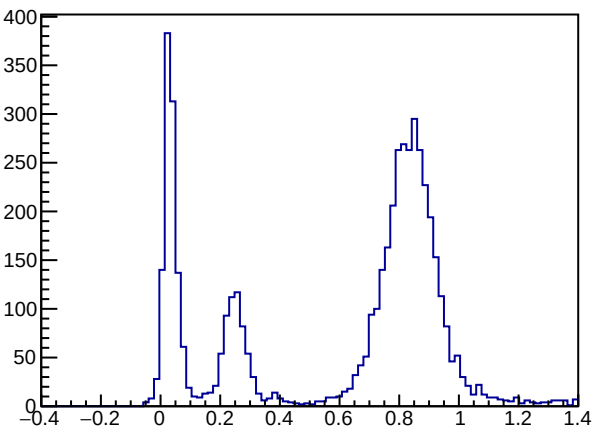

Counts
SCH[39]-TOF[17] Missing Mass [Gev/cc]

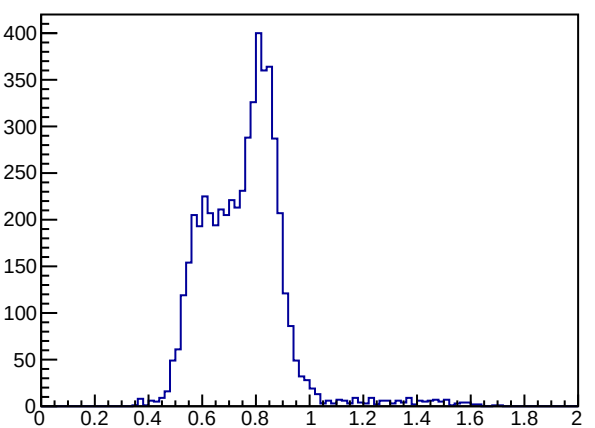


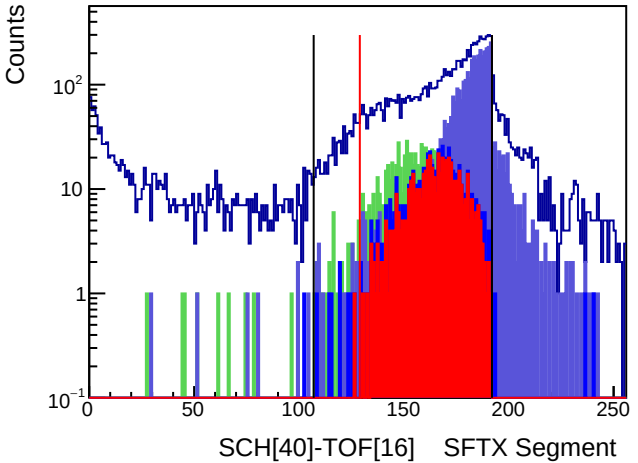


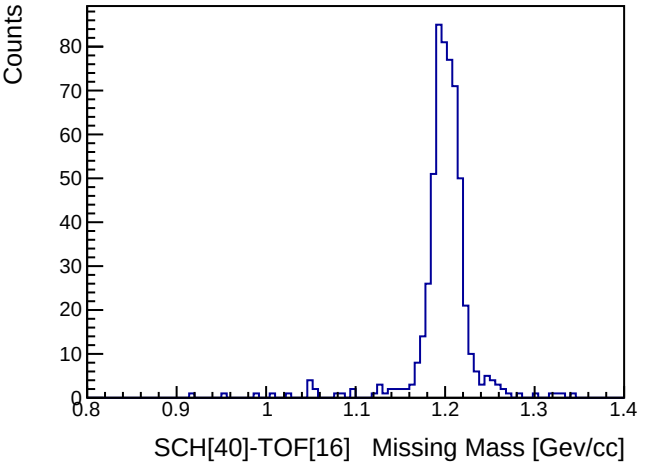

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[40]-TOF[15] SFTX Segment

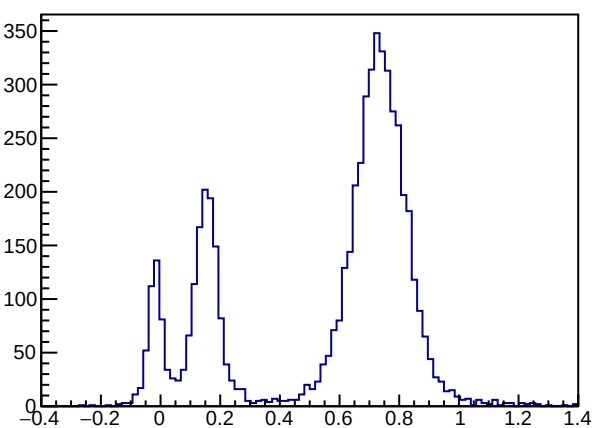

Counts
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[40]-TOF[15] Missing Mass [Gev/cc]

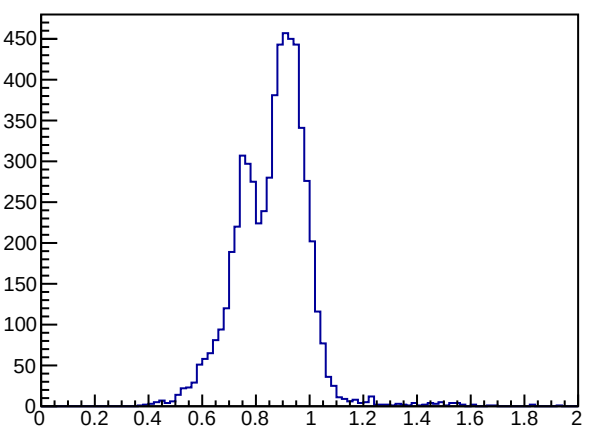

400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

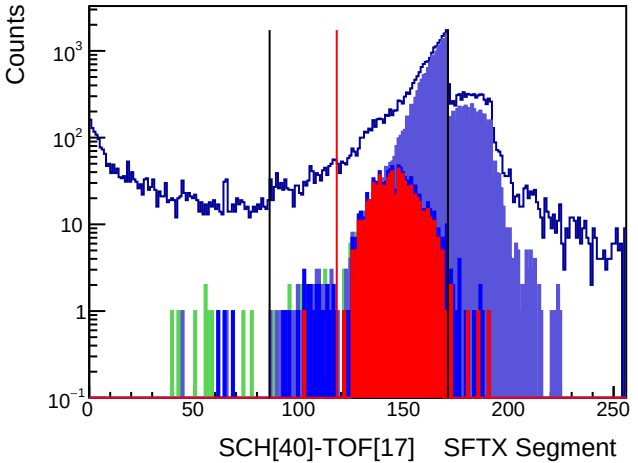

400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

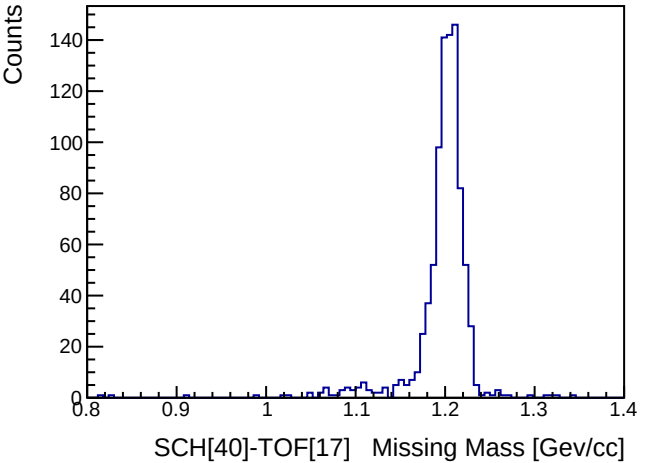

Counts
SCH[40]-TOF[16] SFTX Segment

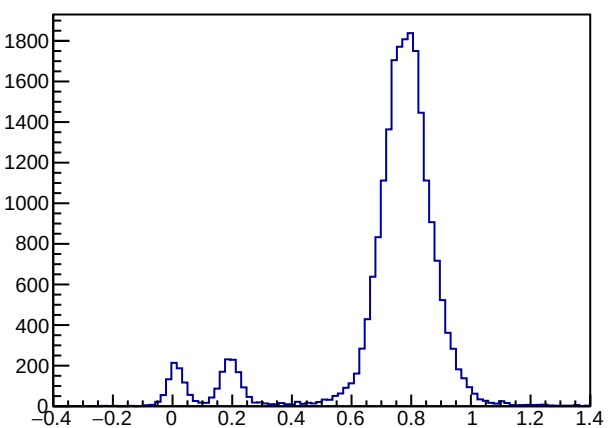

Counts
SCH[40]-TOF[16] Missing Mass [Gev/cc]

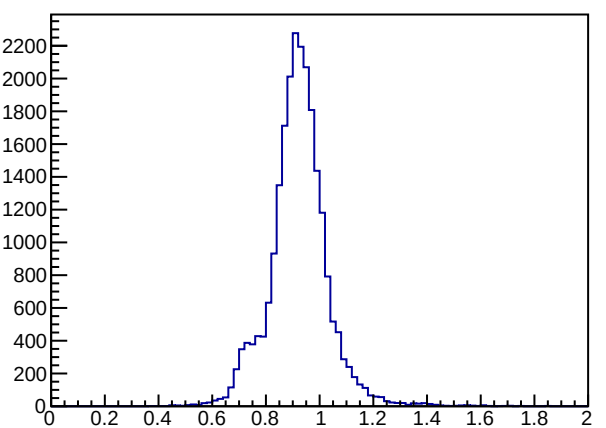


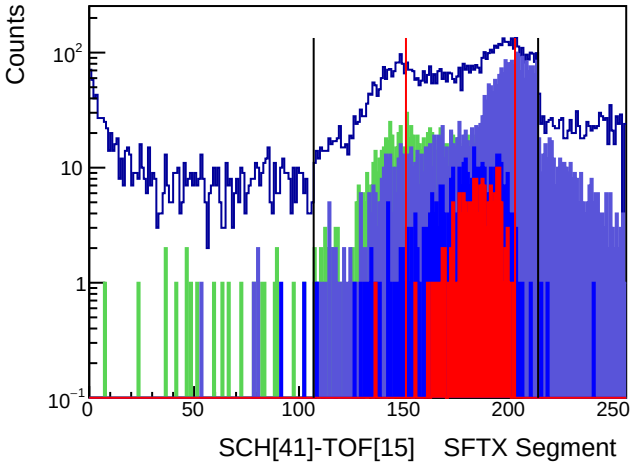


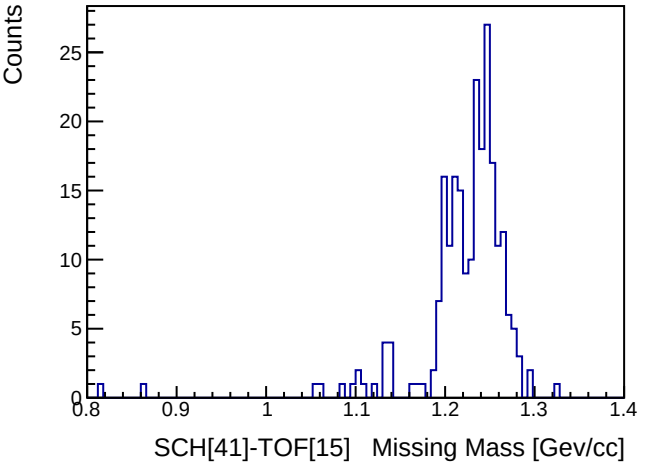

Counts
SCH[40]-TOF[17] SFTX Segment

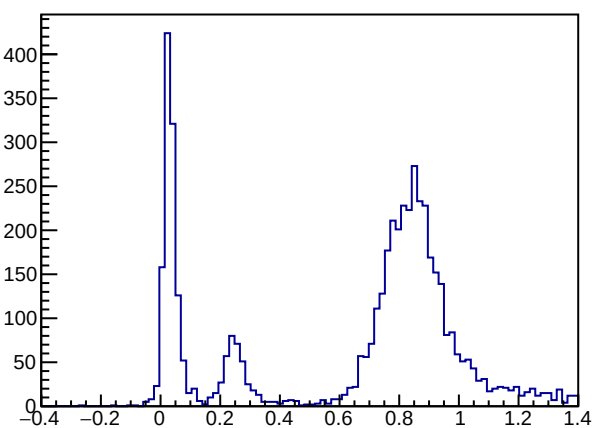

Counts
SCH[40]-TOF[17] Missing Mass [Gev/cc]

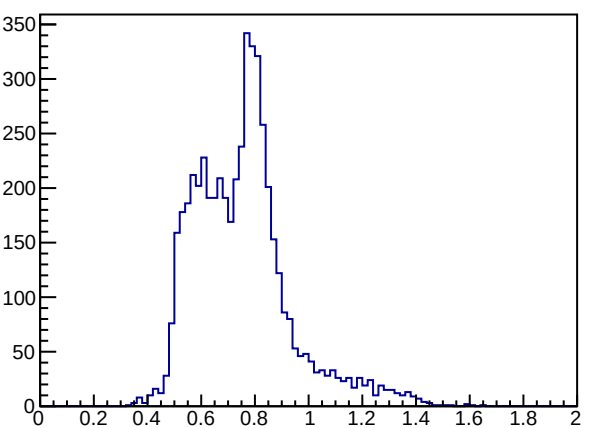


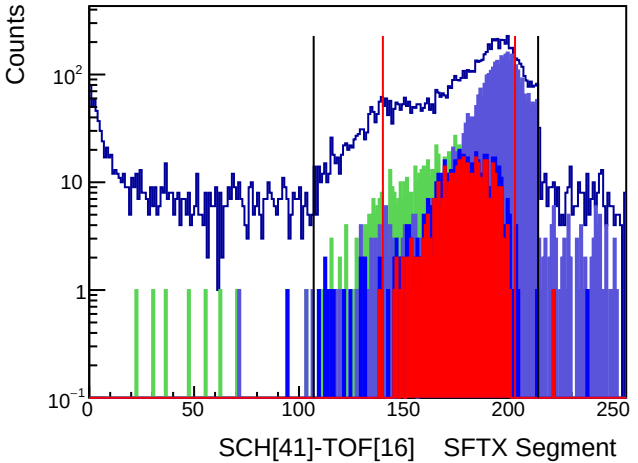


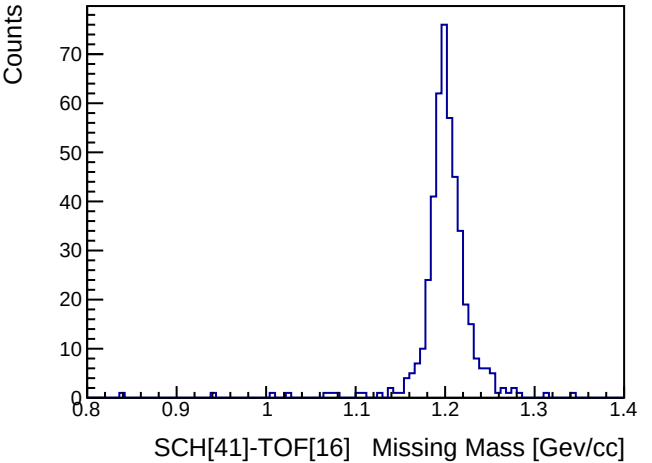

Counts
SCH[41]-TOF[15] SFTX Segment

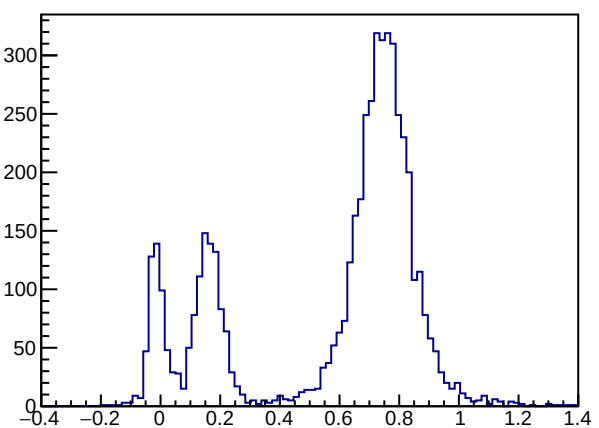

Counts
SCH[41]-TOF[15] Missing Mass [Gev/cc]

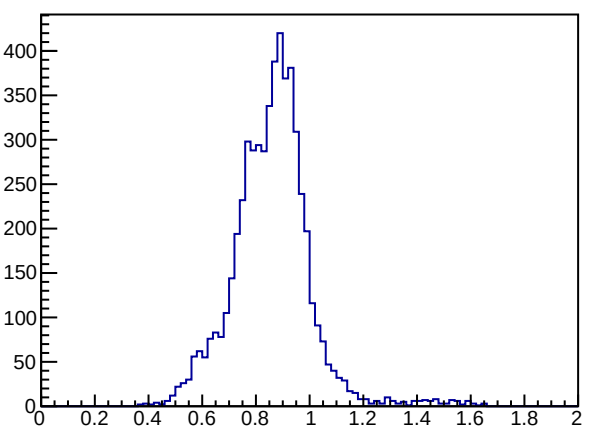


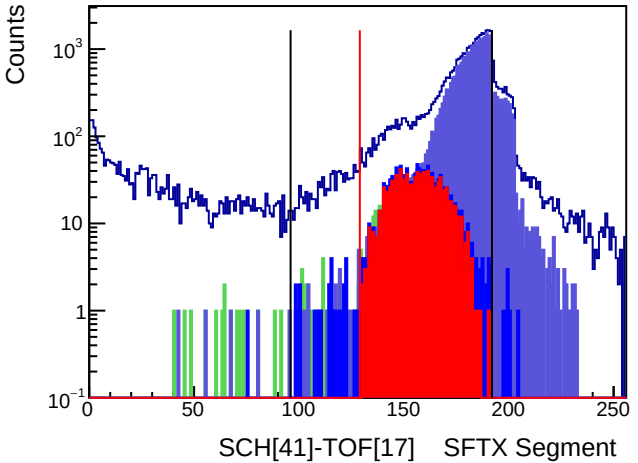


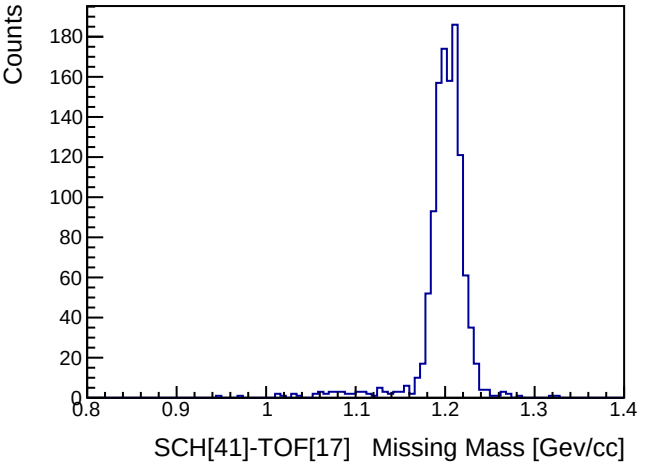

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[41]-TOF[16] SFTX Segment

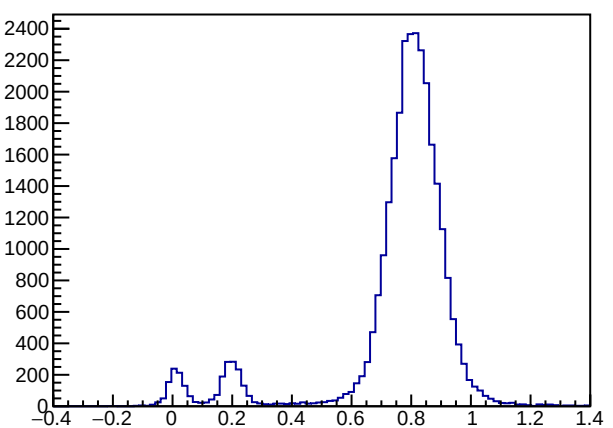

Counts
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[41]-TOF[16] Missing Mass [Gev/cc]

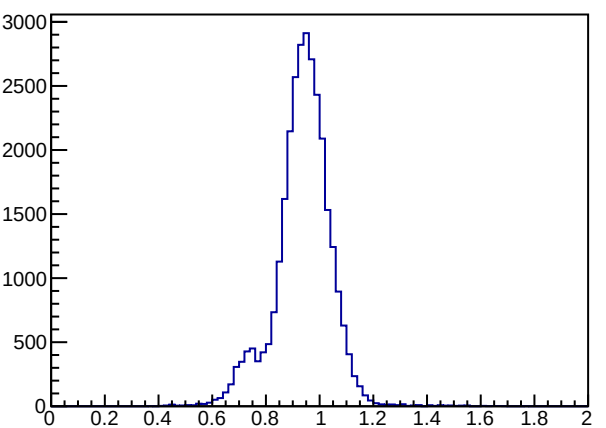

300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

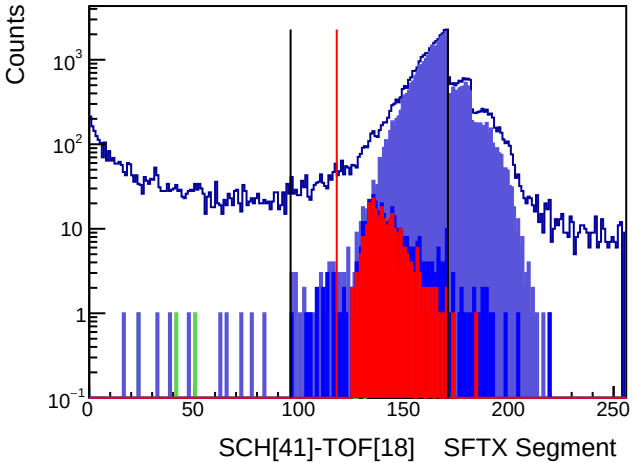

400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

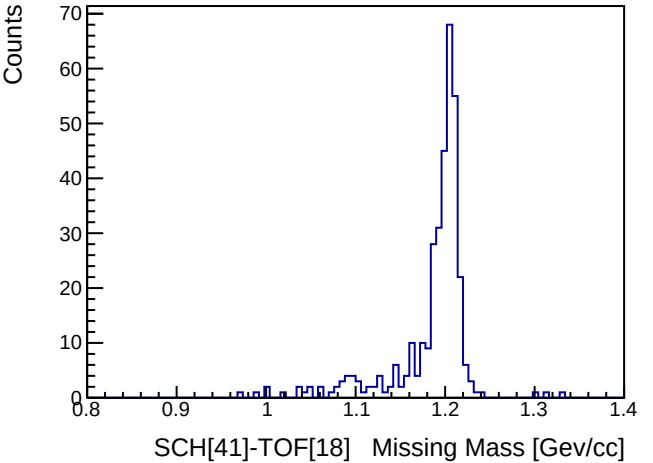

Counts
SCH[41]-TOF[17] SFTX Segment

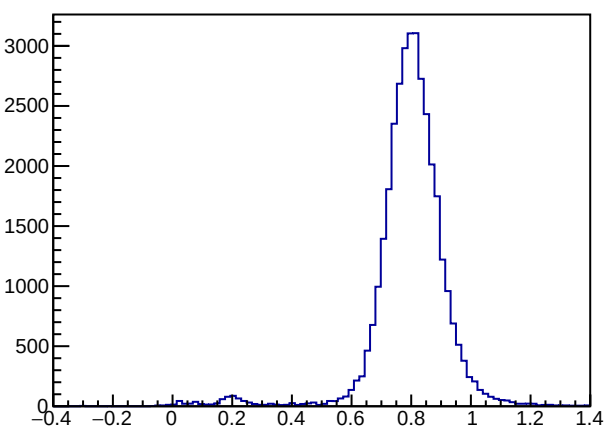

Counts
SCH[41]-TOF[17] Missing Mass [Gev/cc]

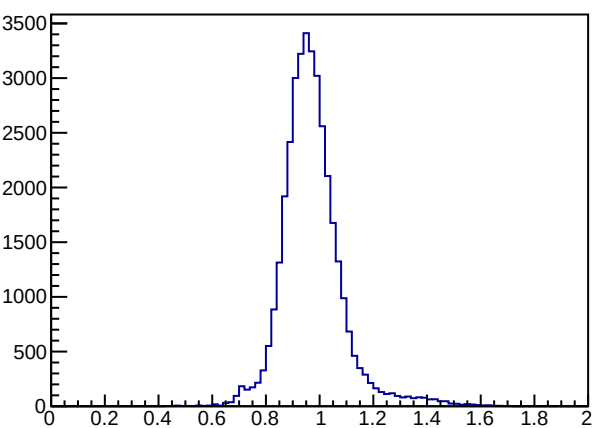


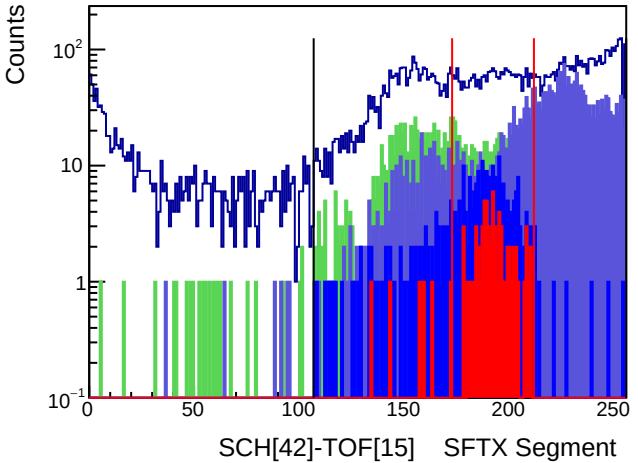


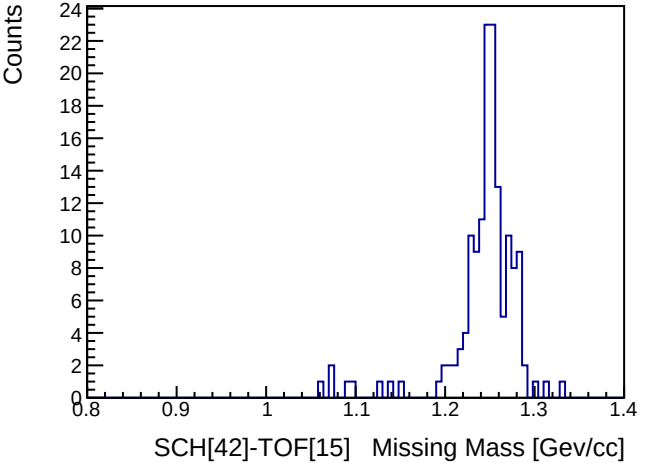

Counts
SCH[41]-TOF[18] SFTX Segment

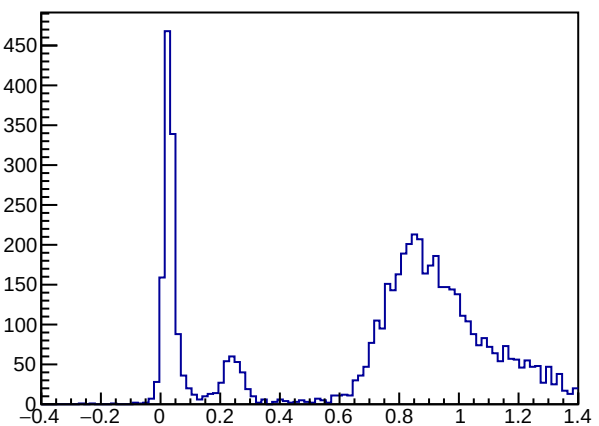

Counts
SCH[41]-TOF[18] Missing Mass [Gev/cc]

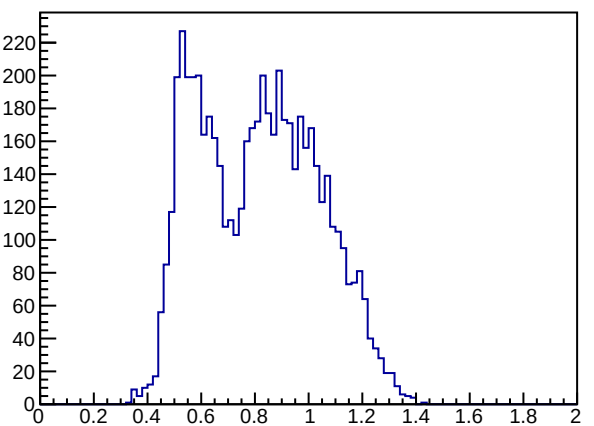


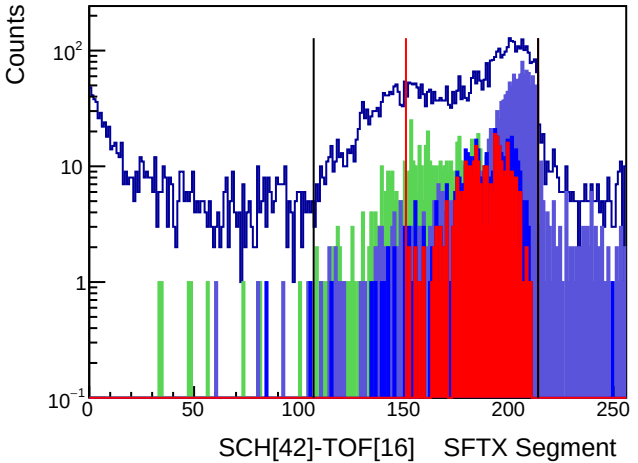


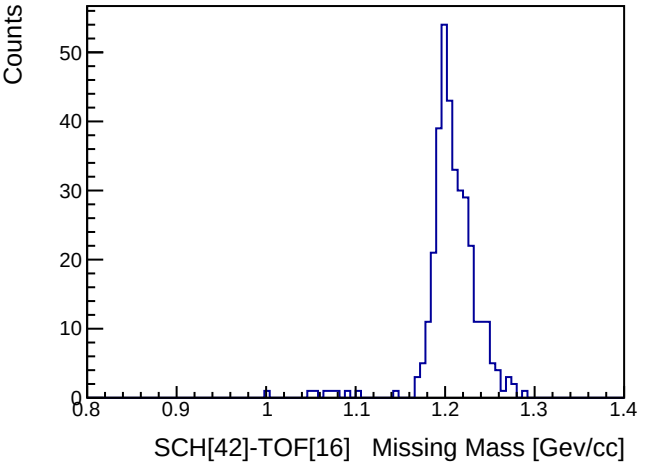

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[42]-TOF[15] SFTX Segment

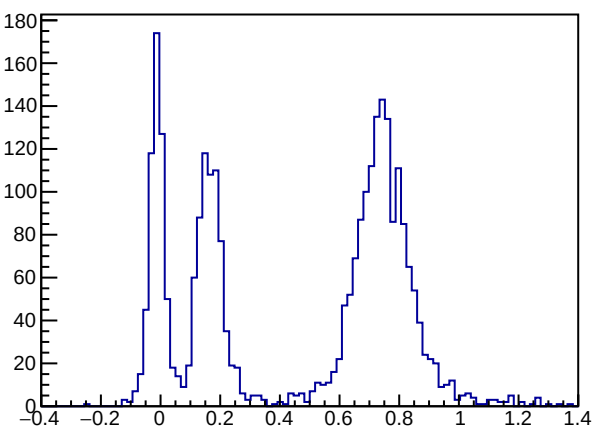

Counts
24
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[42]-TOF[15] Missing Mass [Gev/cc]

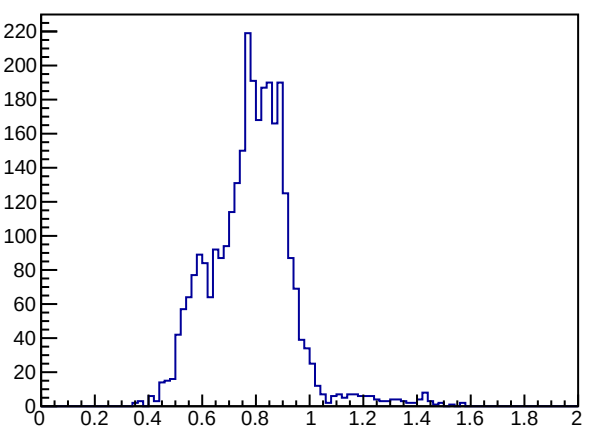

450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

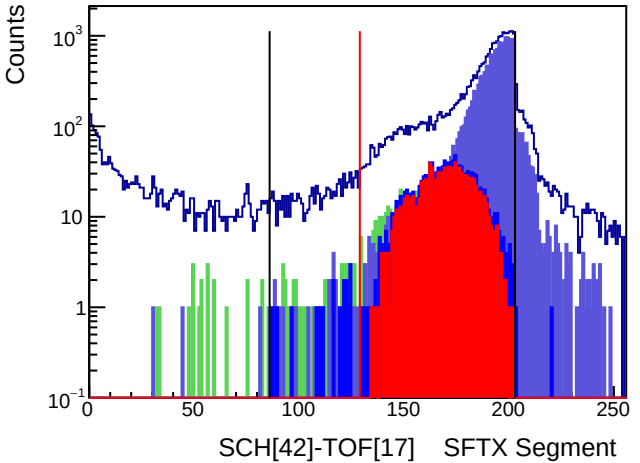

220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

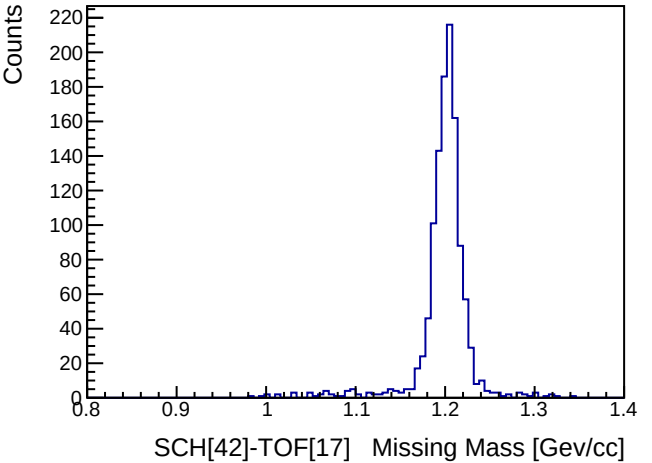

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[42]-TOF[16] SFTX Segment

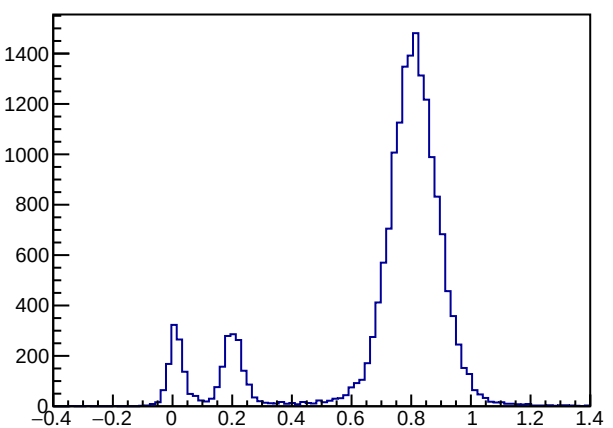

Counts
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[42]-TOF[16] Missing Mass [Gev/cc]

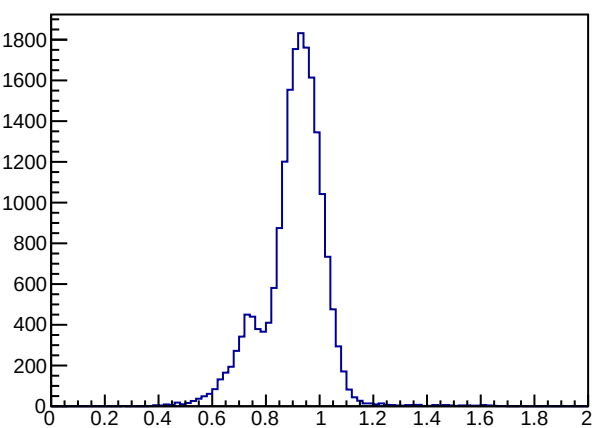

180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

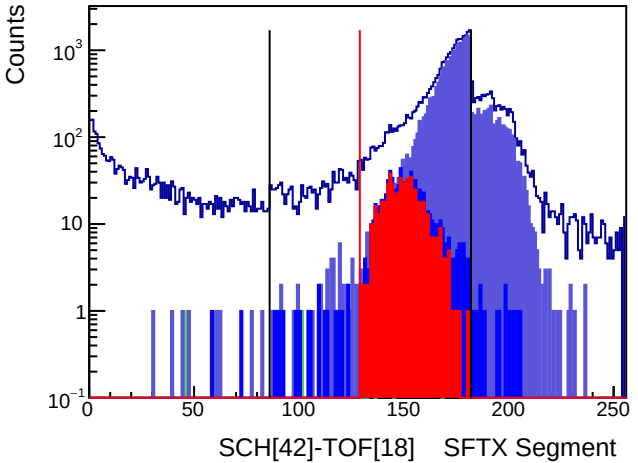

220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

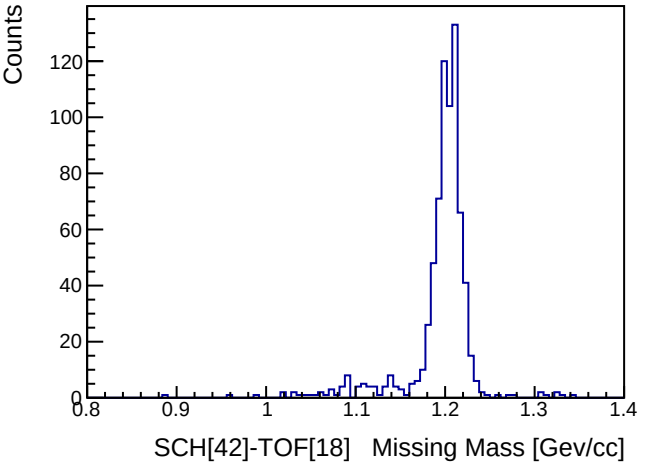

Counts
SCH[42]-TOF[17] SFTX Segment

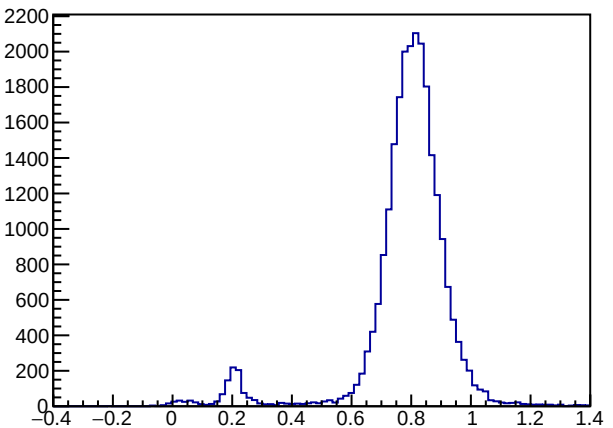

Counts
SCH[42]-TOF[17] Missing Mass [Gev/cc]

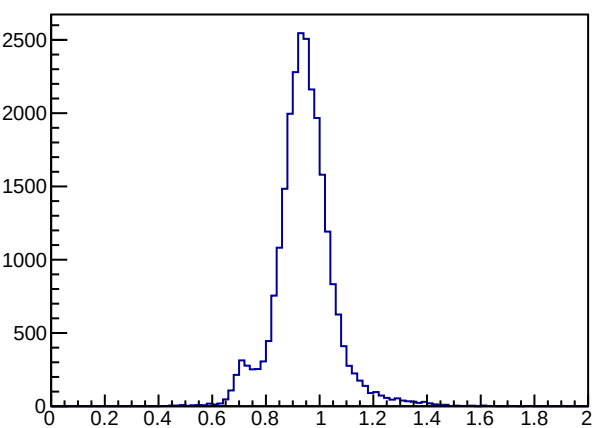


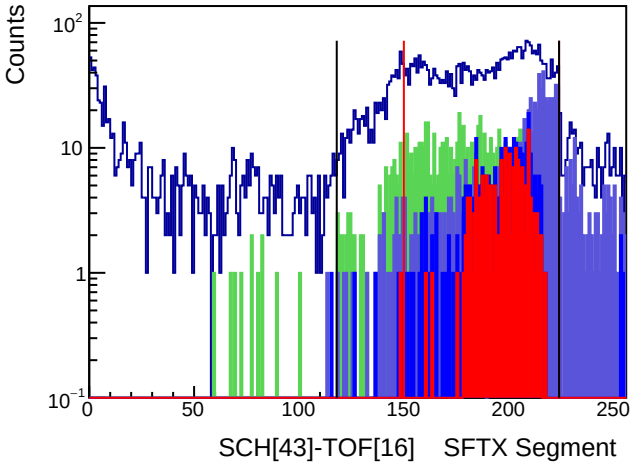


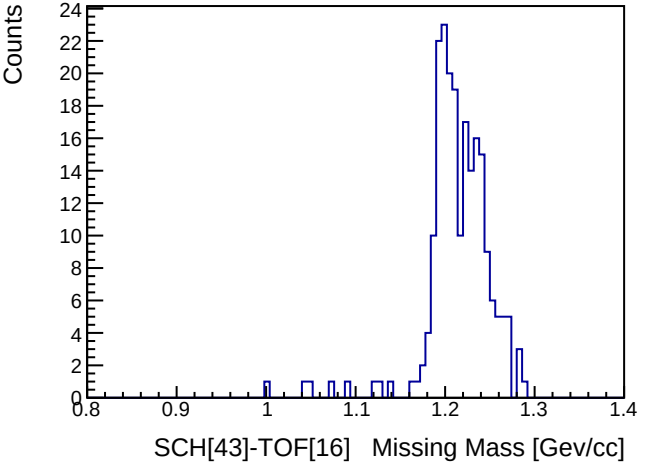

Counts
SCH[42]-TOF[18] SFTX Segment

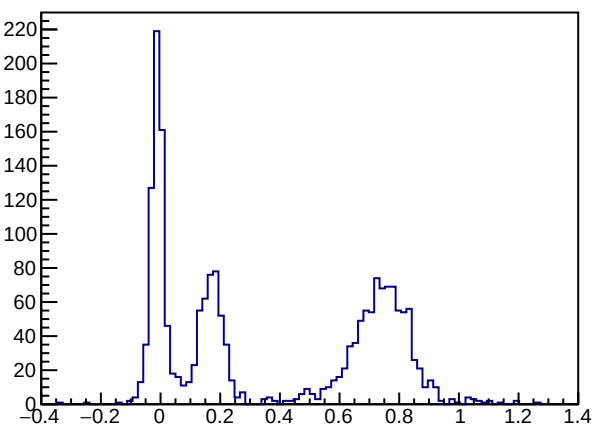

Counts
SCH[42]-TOF[18] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[43]-TOF[16] SFTX Segment


Counts
24
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[43]-TOF[16] Missing Mass [Gev/cc]


220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
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0.6
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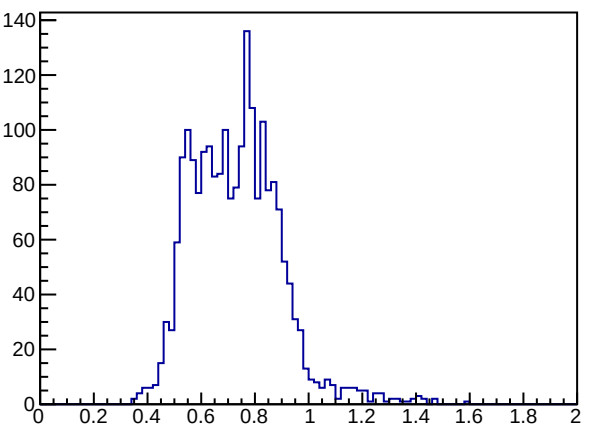
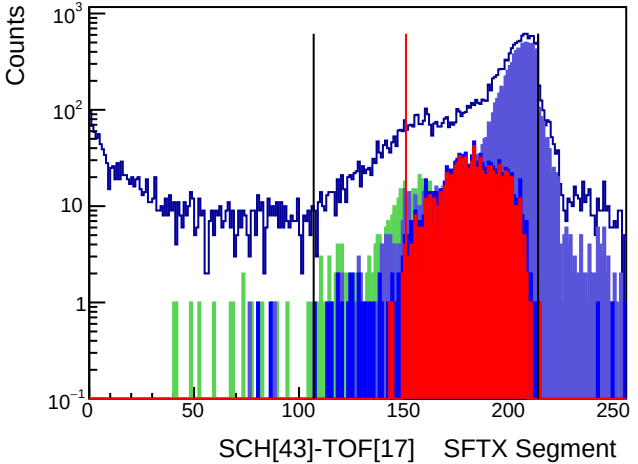
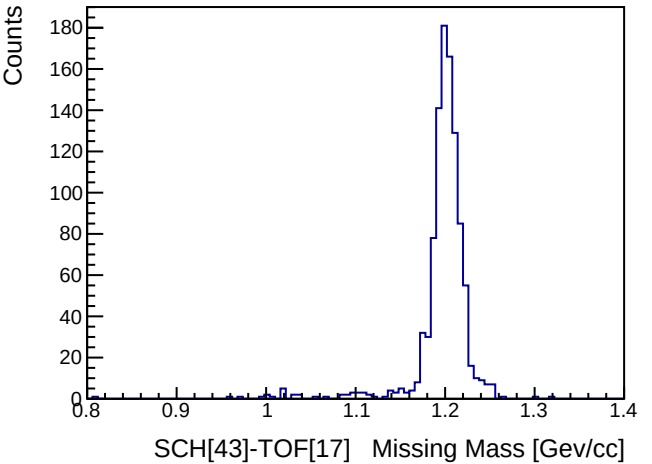
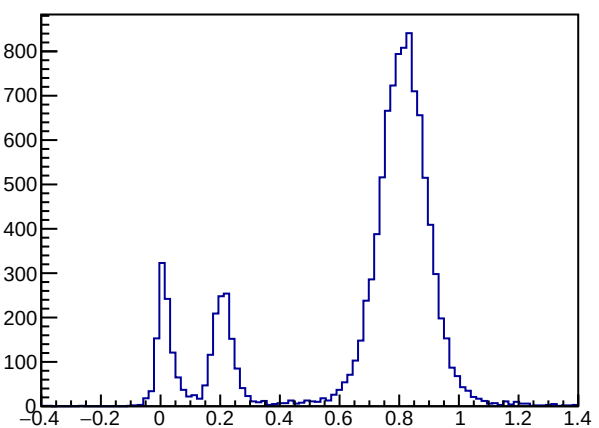
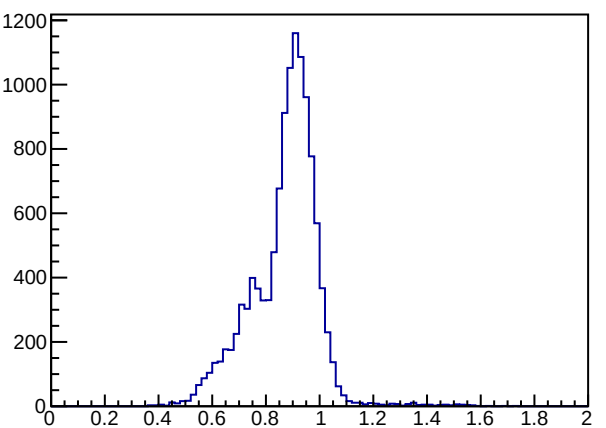
1
1.2
1.4

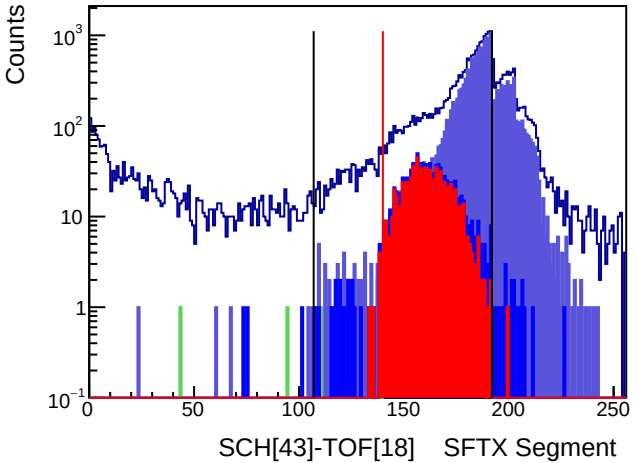

140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

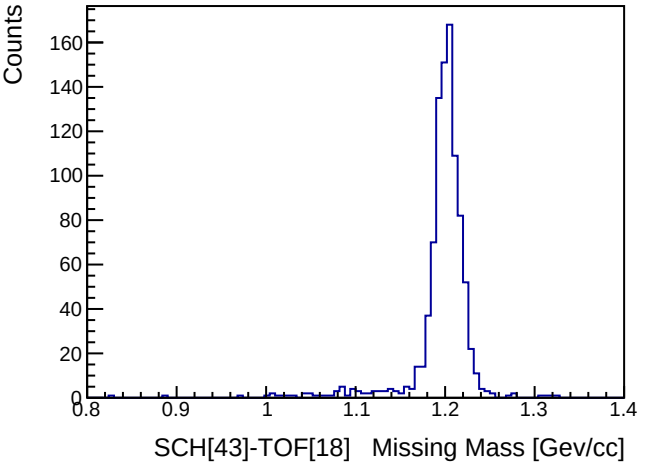

Counts
SCH[43]-TOF[17] SFTX Segment

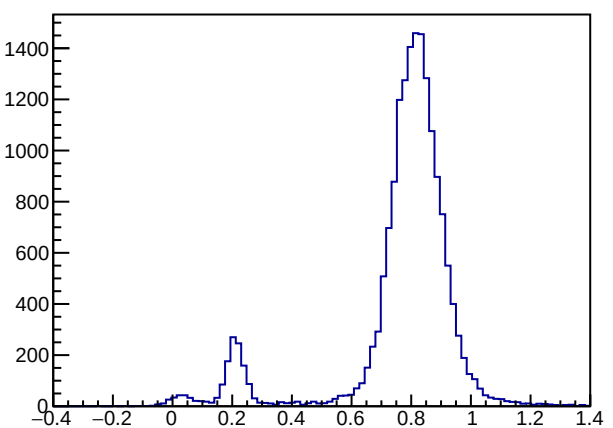

Counts
SCH[43]-TOF[17] Missing Mass [Gev/cc]

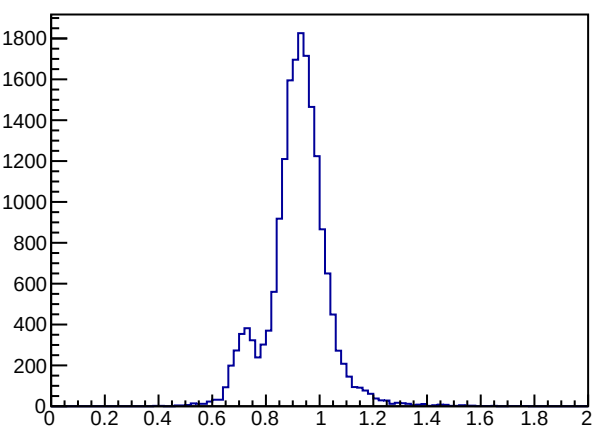


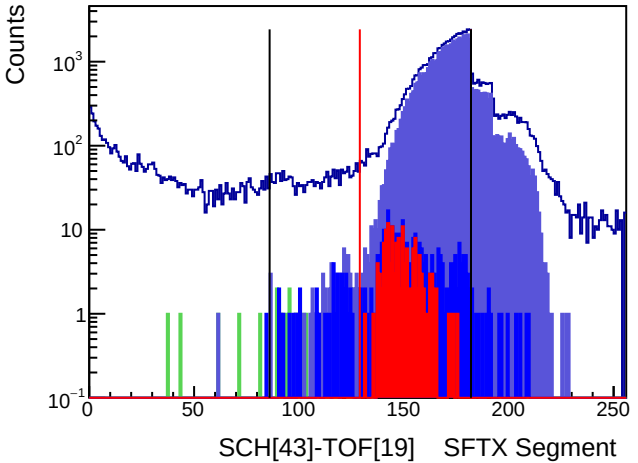


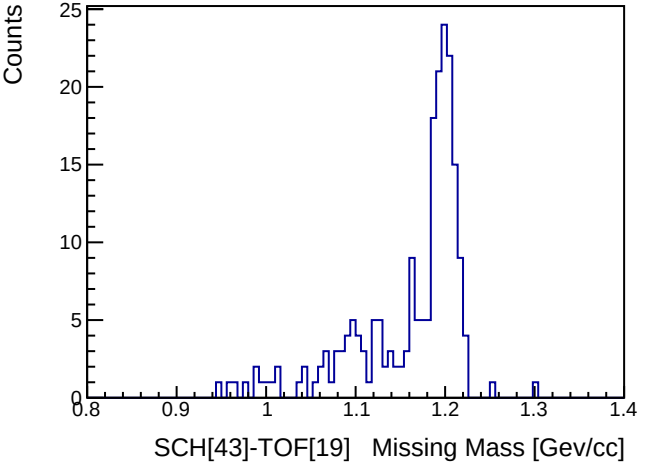

Counts
SCH[43]-TOF[18] SFTX Segment

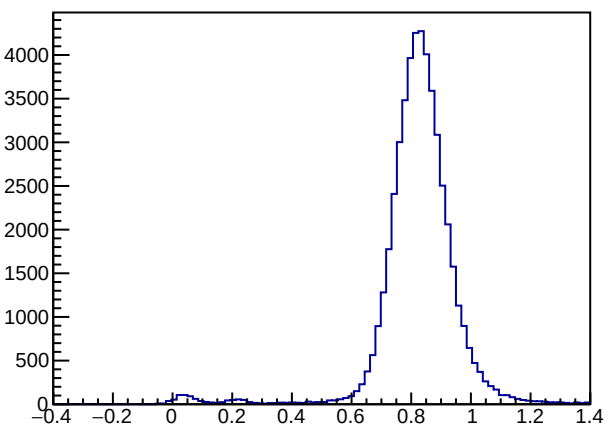

Counts
SCH[43]-TOF[18] Missing Mass [Gev/cc]

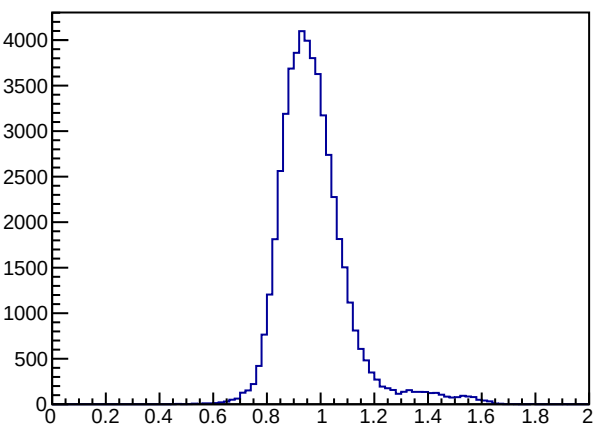


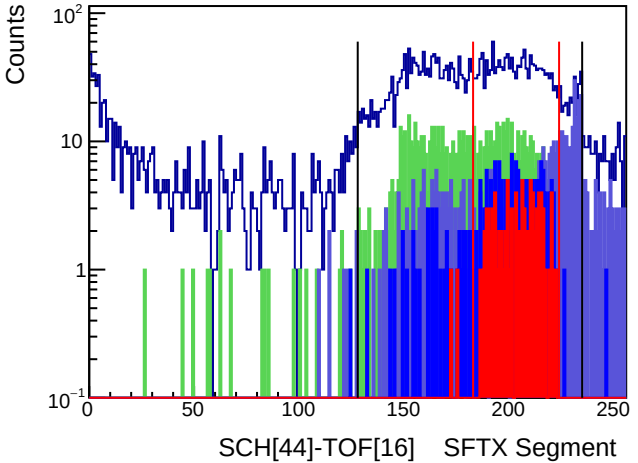


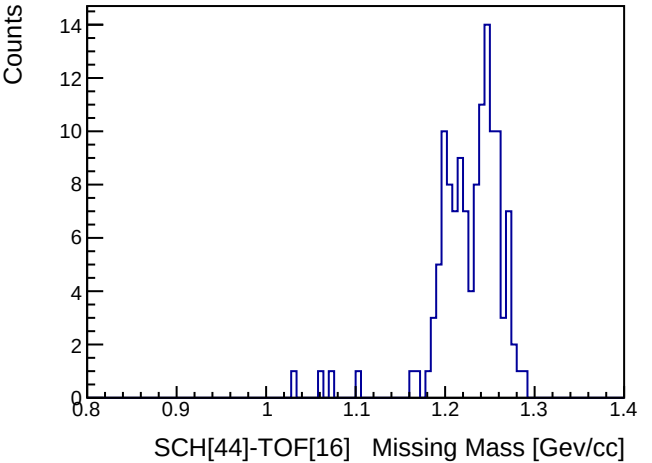

Counts
SCH[43]-TOF[19] SFTX Segment

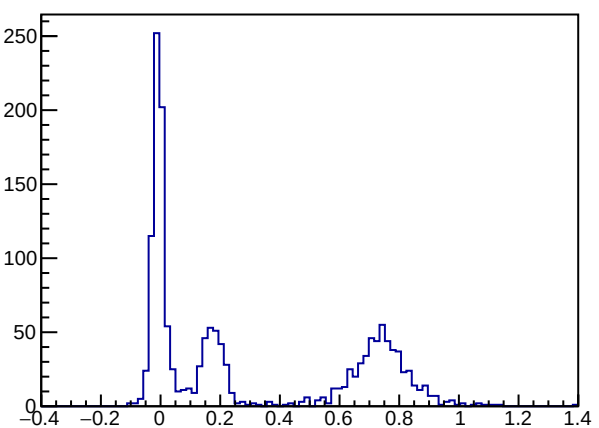

Counts
SCH[43]-TOF[19] Missing Mass [Gev/cc]

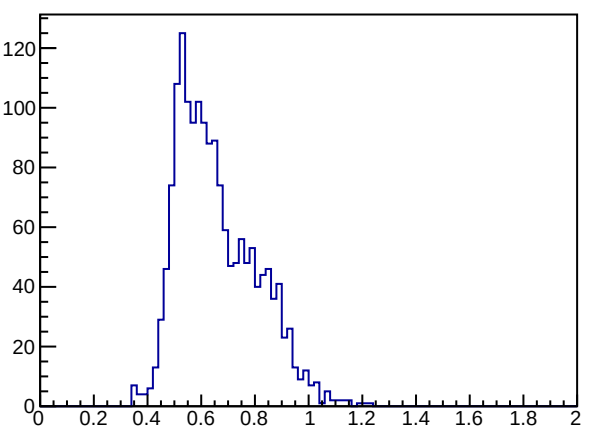


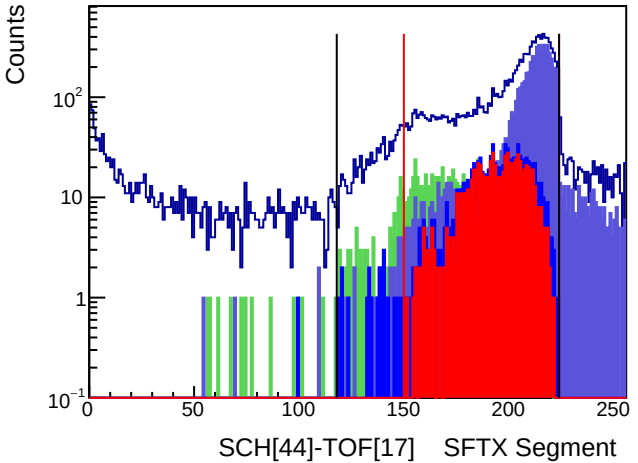


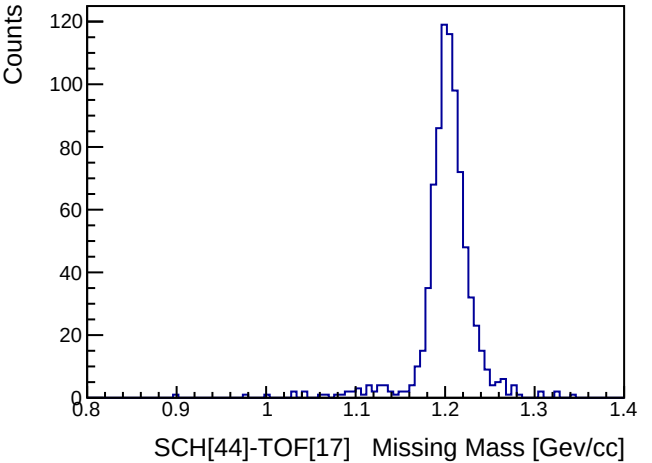

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[44]-TOF[16] SFTX Segment

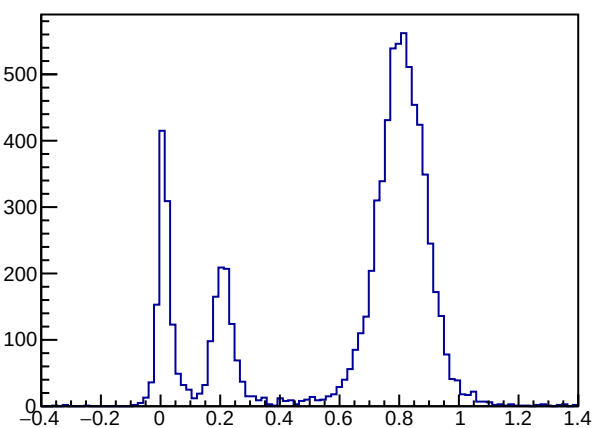

Counts
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[44]-TOF[16] Missing Mass [Gev/cc]

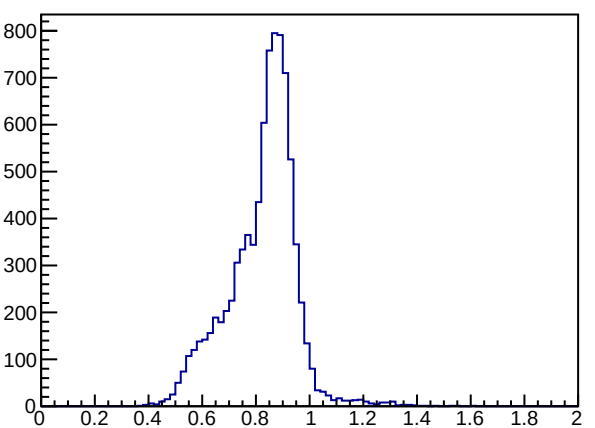

250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[44]-TOF[17] SFTX Segment


Counts
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[44]-TOF[17] Missing Mass [Gev/cc]


500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
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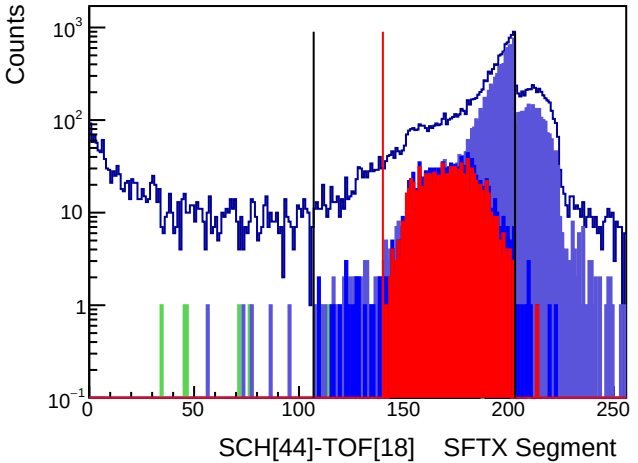
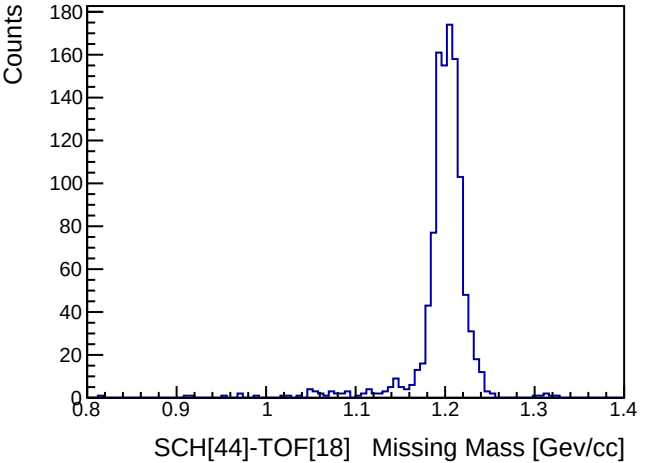
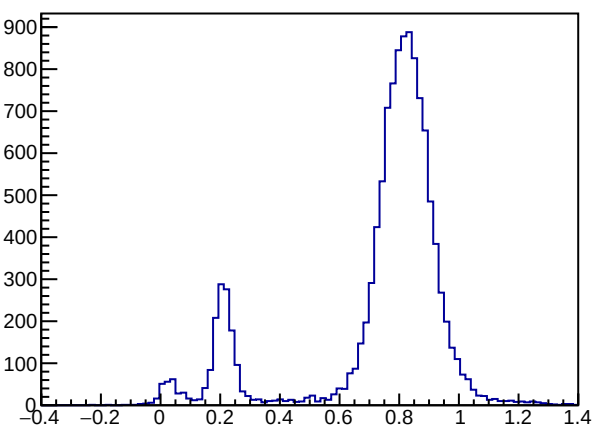
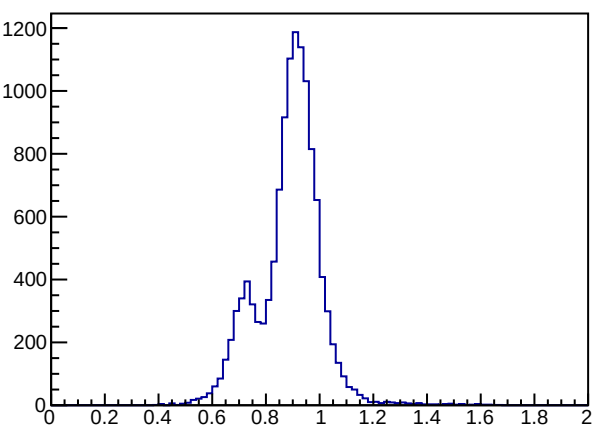
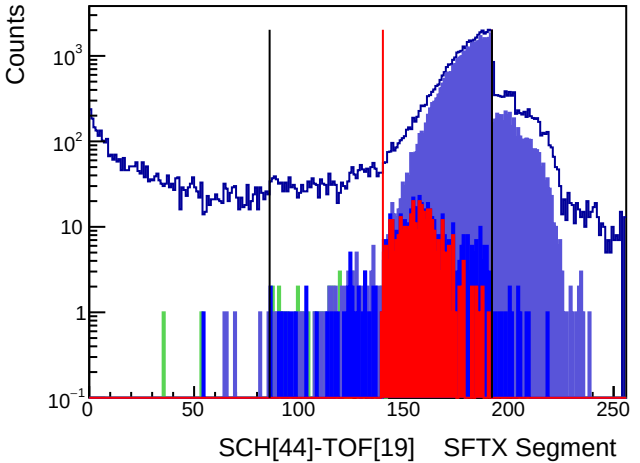
1.6
1.8
2

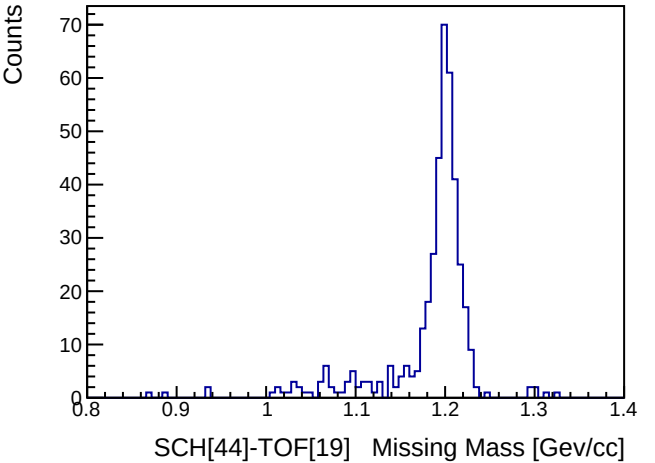

Counts
SCH[44]-TOF[18] SFTX Segment

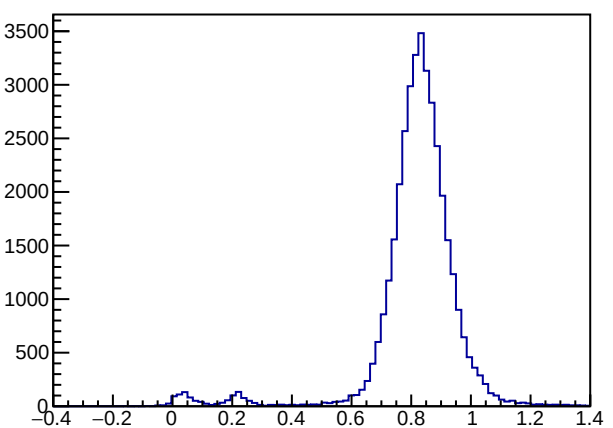

Counts
SCH[44]-TOF[18] Missing Mass [Gev/cc]

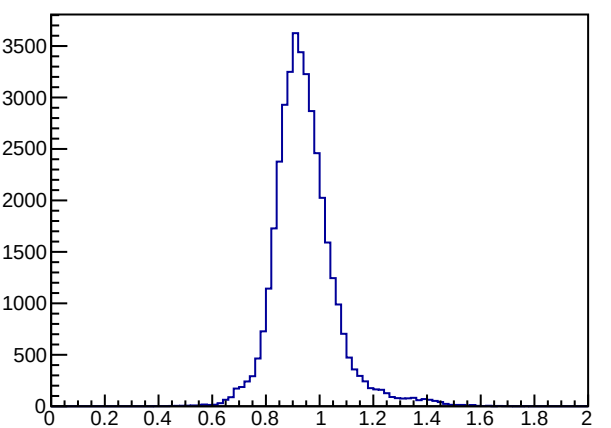


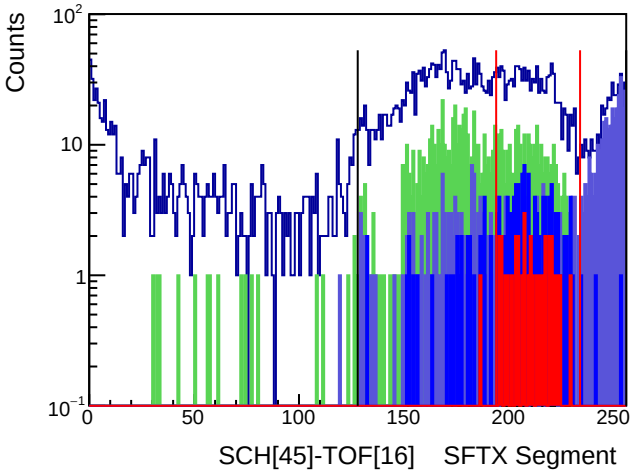


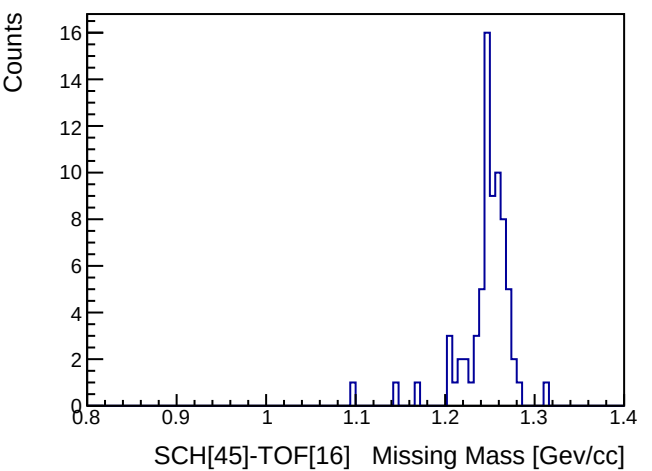

Counts
SCH[44]-TOF[19] SFTX Segment

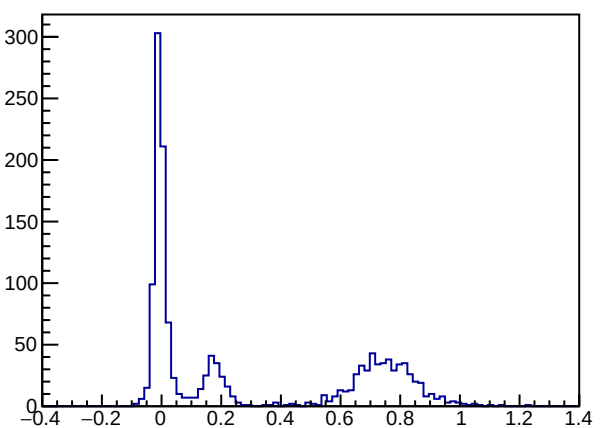

Counts
SCH[44]-TOF[19] Missing Mass [Gev/cc]

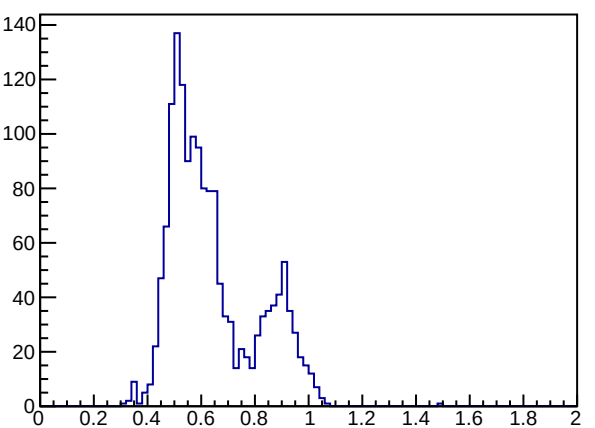


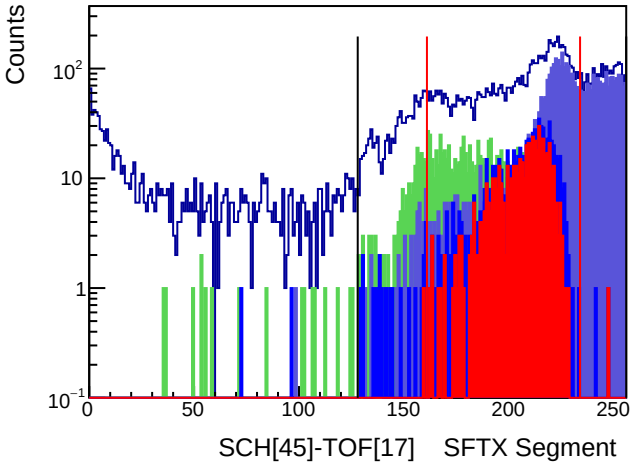


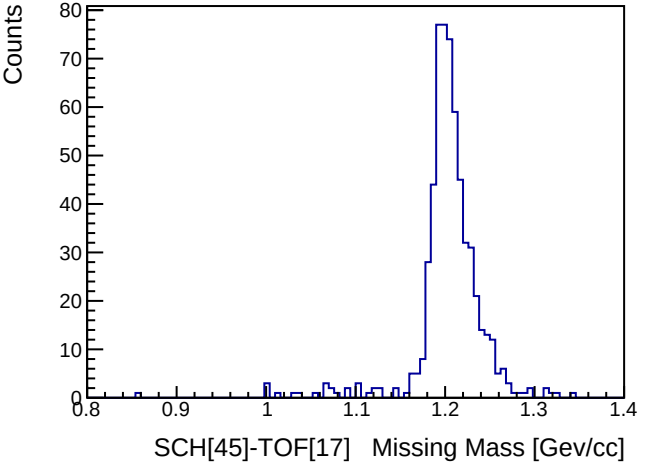

Counts
SCH[45]-TOF[16] SFTX Segment

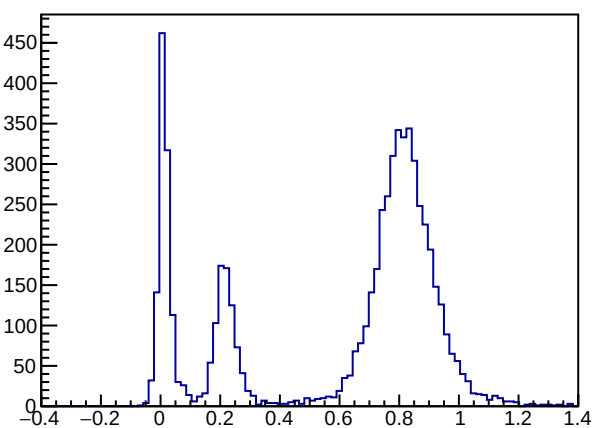

Counts
SCH[45]-TOF[16] Missing Mass [Gev/cc]

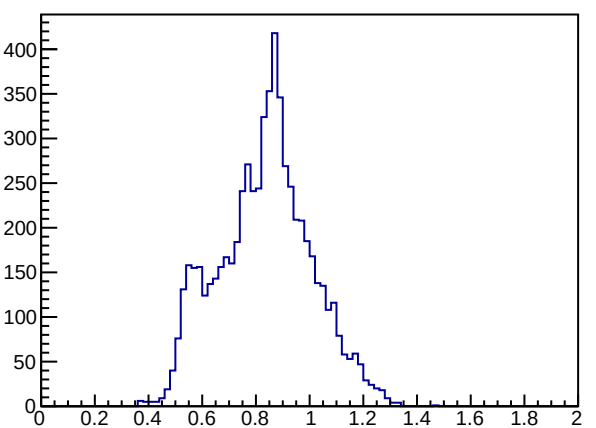





Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[45]-TOF[17] SFTX Segment


Counts
80
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[45]-TOF[17] Missing Mass [Gev/cc]


450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
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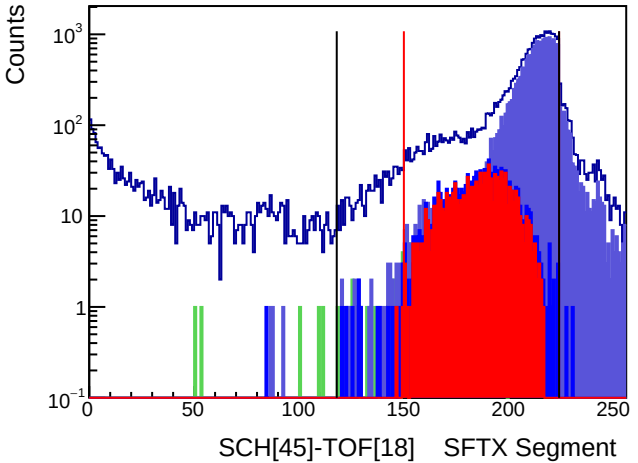
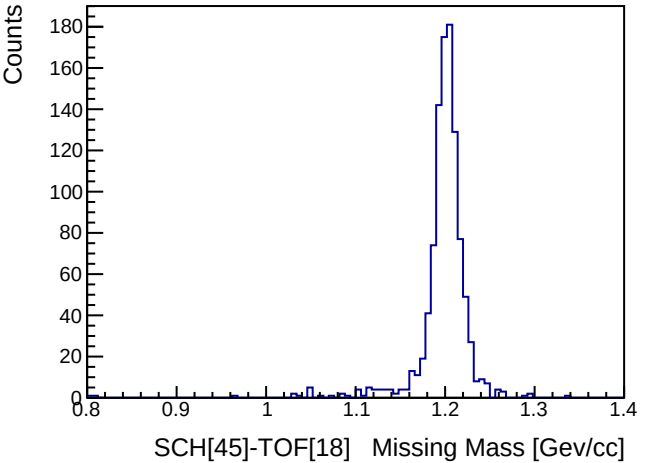
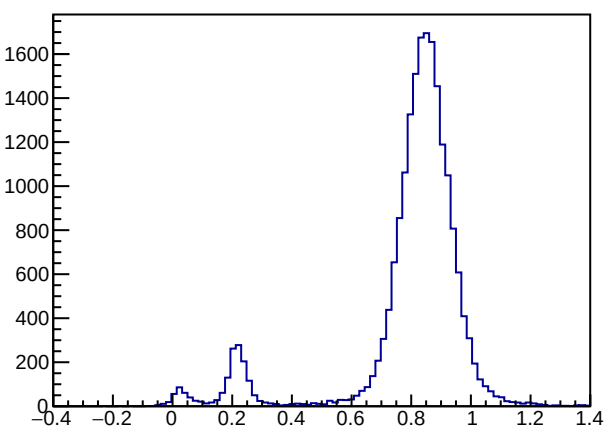
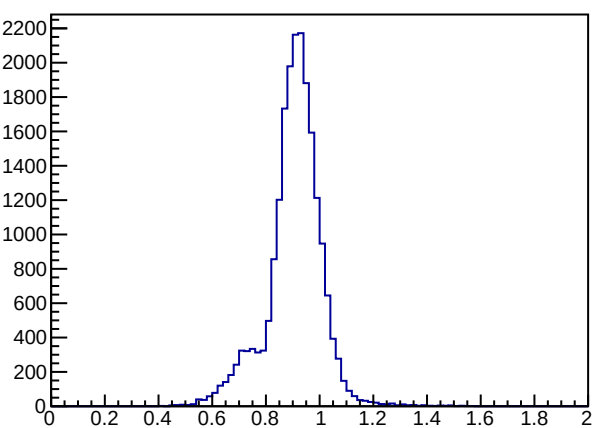
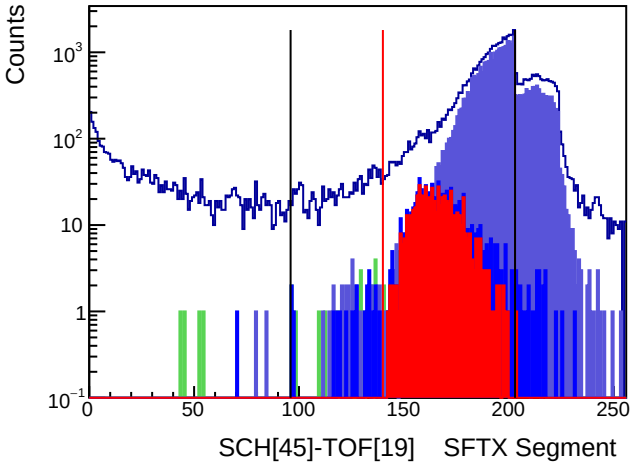
1.6
1.8
2

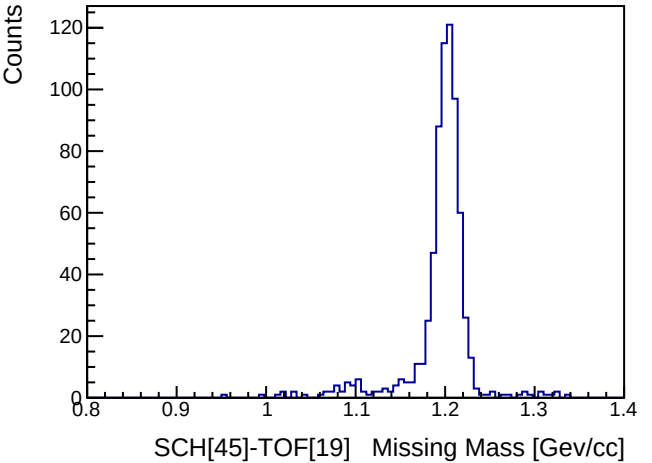

Counts
SCH[45]-TOF[18] SFTX Segment

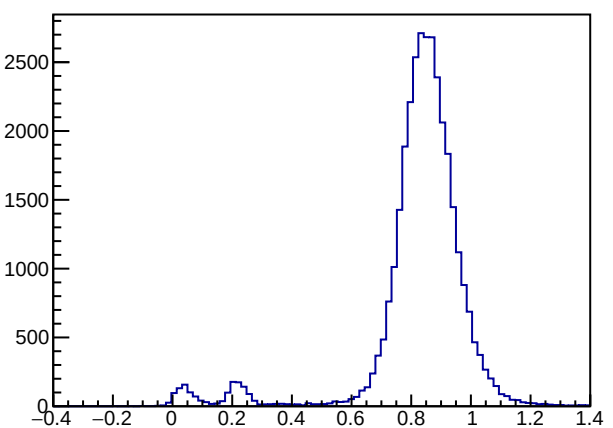

Counts
SCH[45]-TOF[18] Missing Mass [Gev/cc]

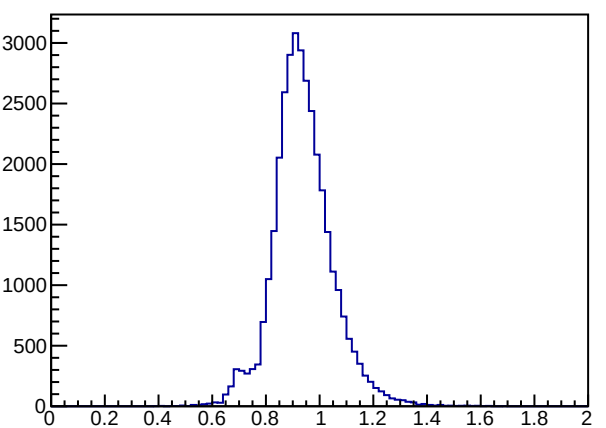


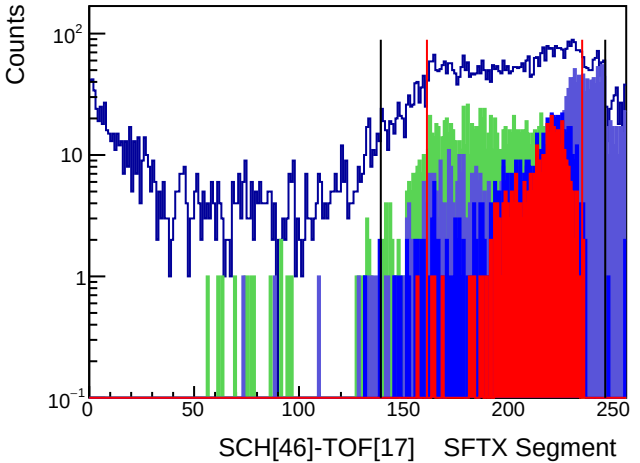


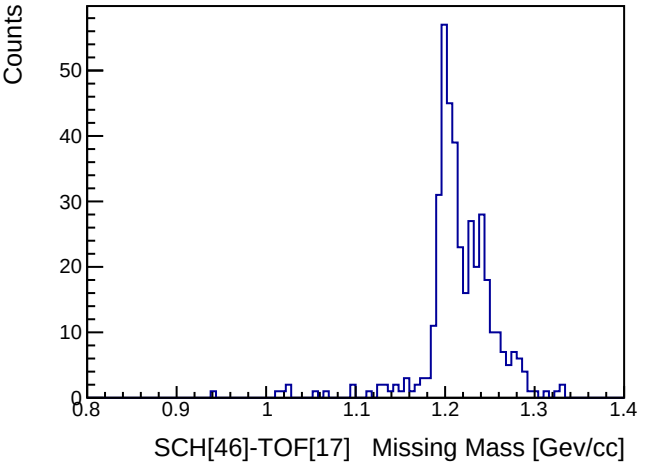

Counts
SCH[45]-TOF[19] SFTX Segment

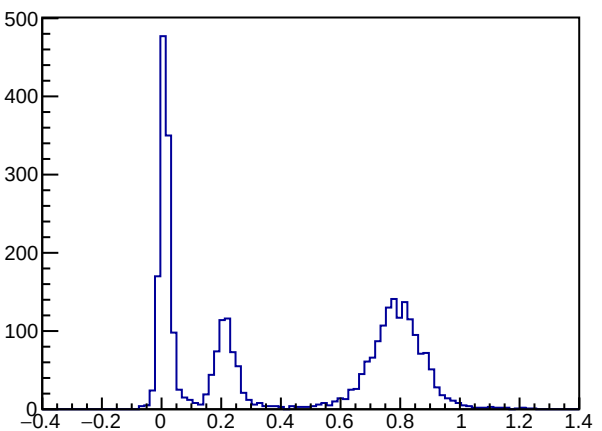

Counts
SCH[45]-TOF[19] Missing Mass [Gev/cc]

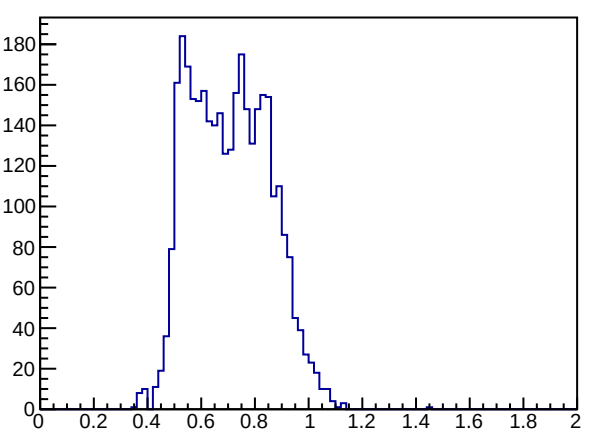


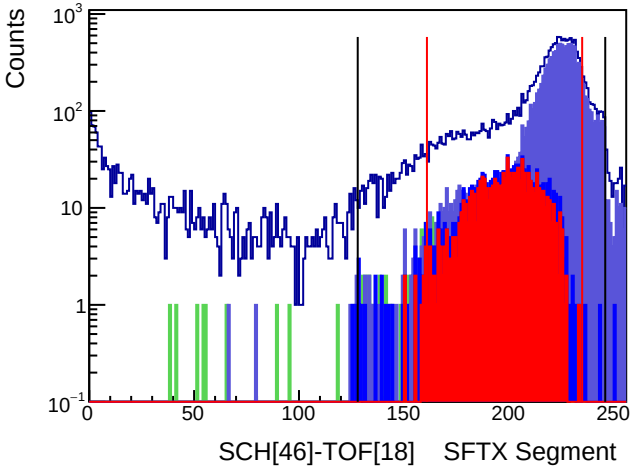


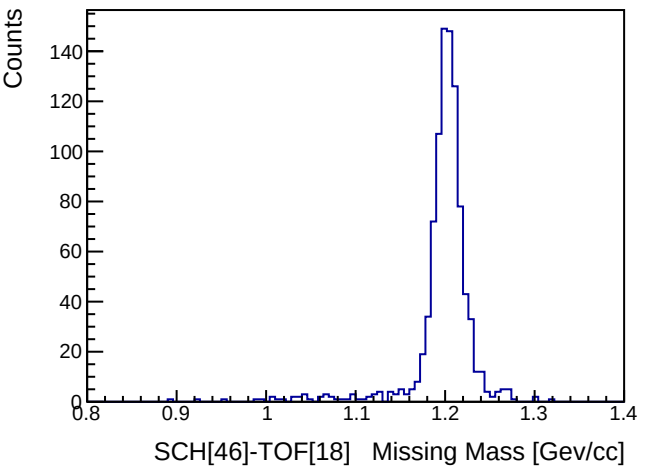

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[46]-TOF[17] SFTX Segment

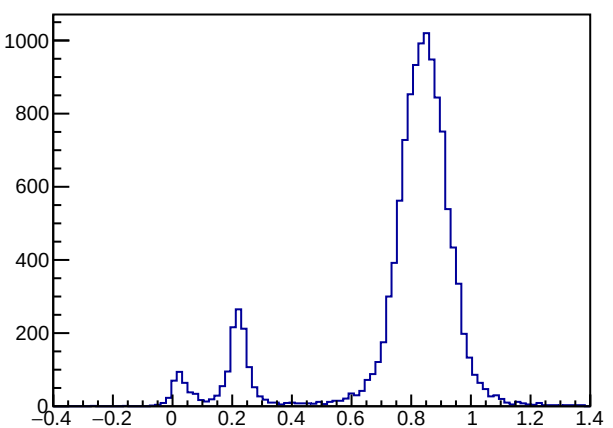

Counts
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[46]-TOF[17] Missing Mass [Gev/cc]

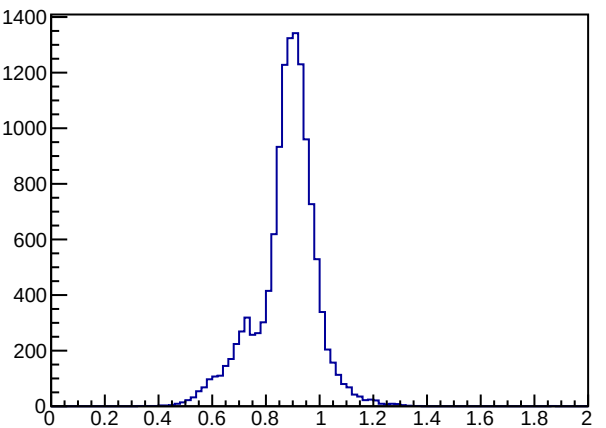

500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

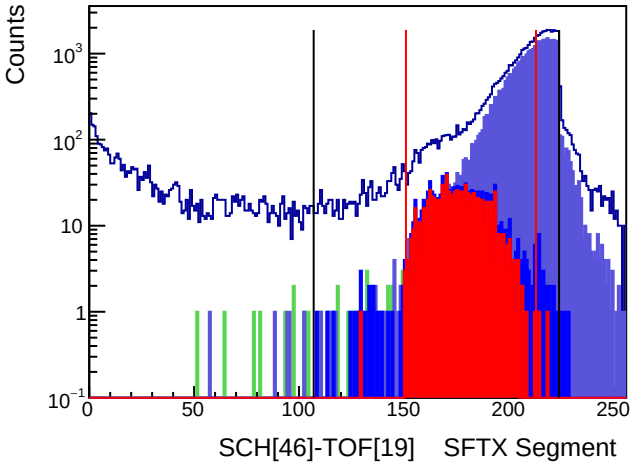

180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

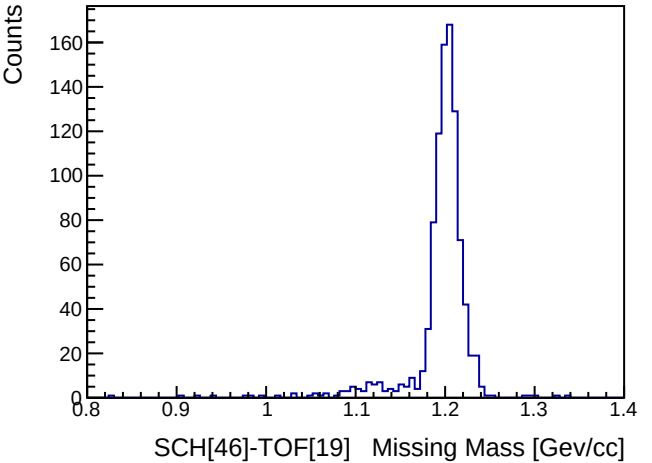

Counts
SCH[46]-TOF[18] SFTX Segment

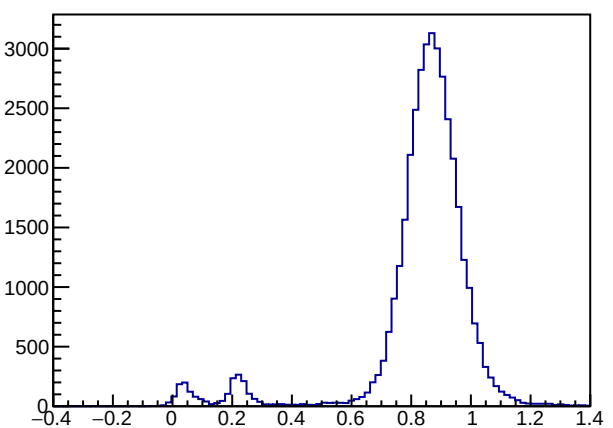

Counts
SCH[46]-TOF[18] Missing Mass [Gev/cc]

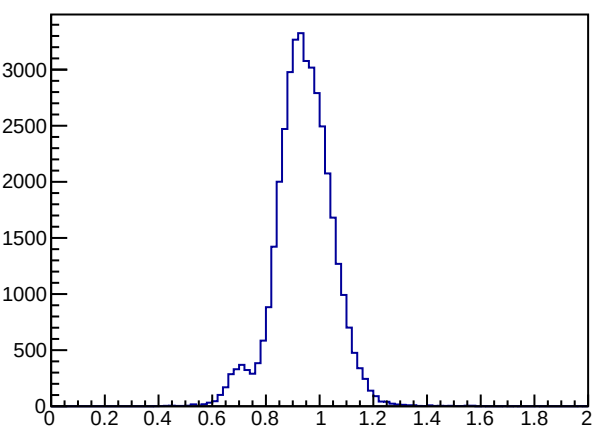


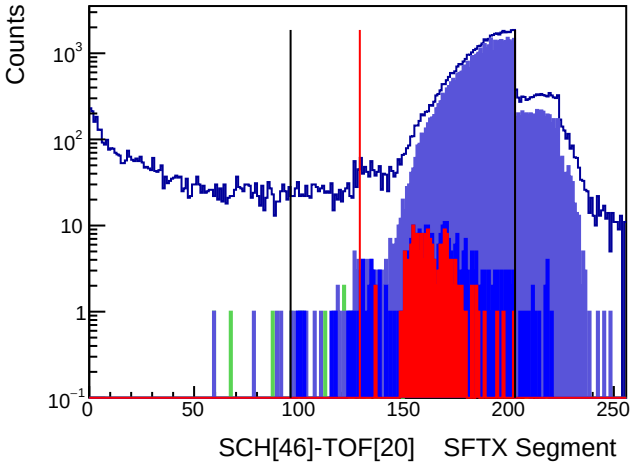


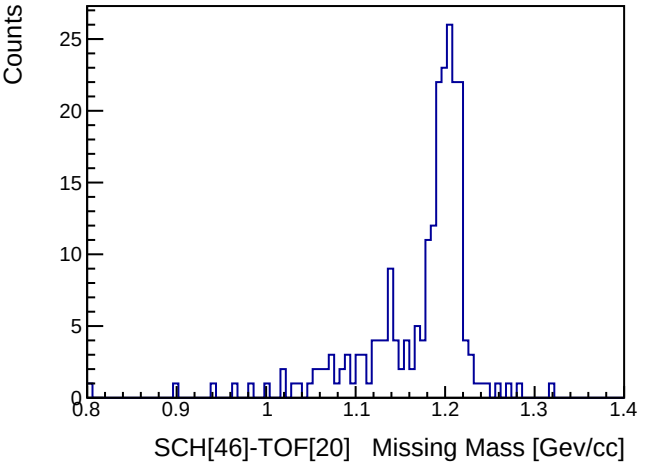

Counts
SCH[46]-TOF[19] SFTX Segment

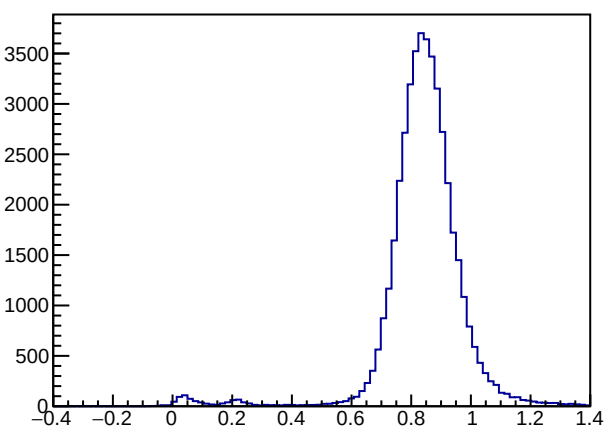

Counts
SCH[46]-TOF[19] Missing Mass [Gev/cc]

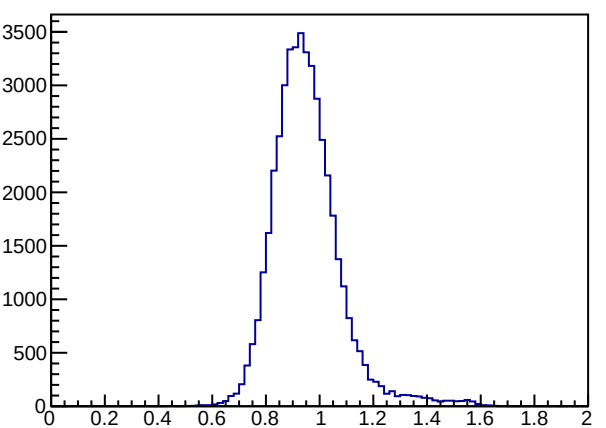


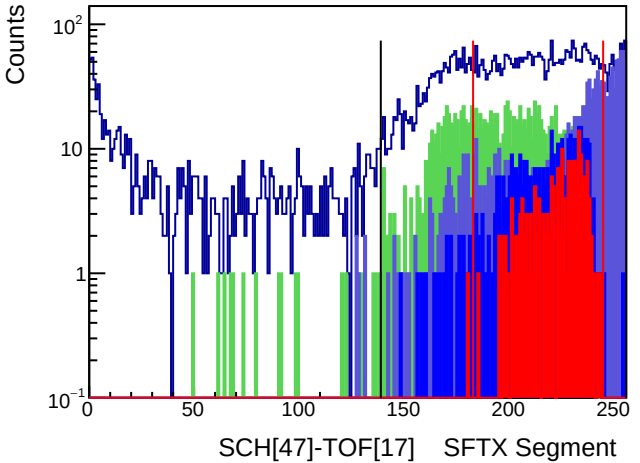


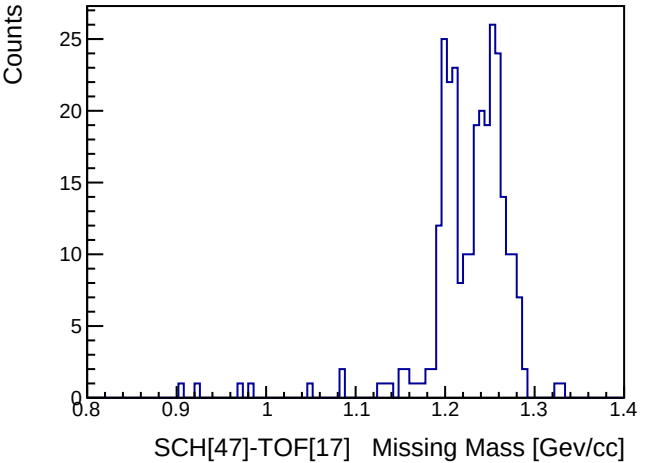

Counts
SCH[46]-TOF[20] SFTX Segment

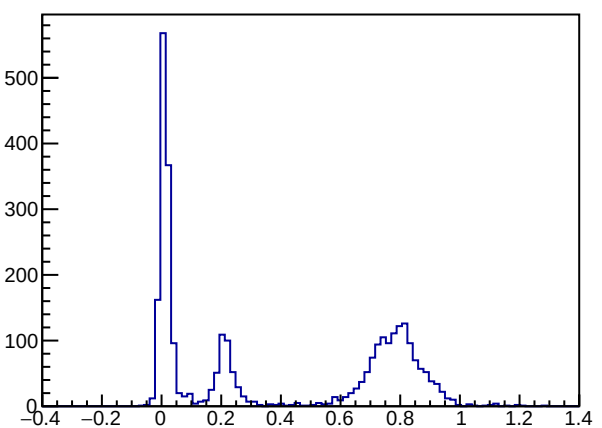

Counts
SCH[46]-TOF[20] Missing Mass [Gev/cc]

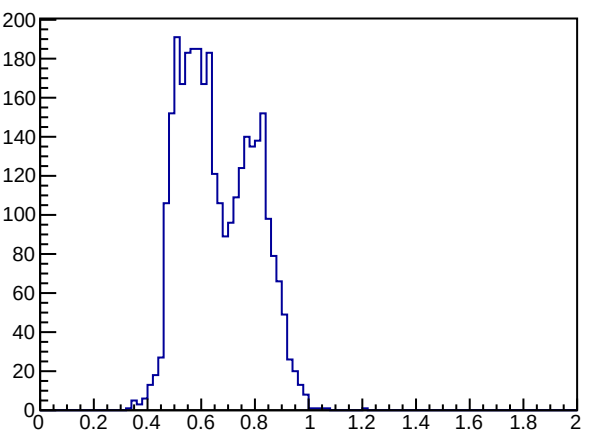


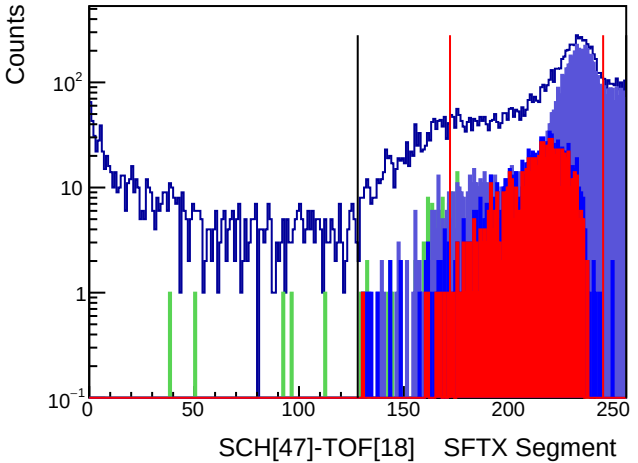


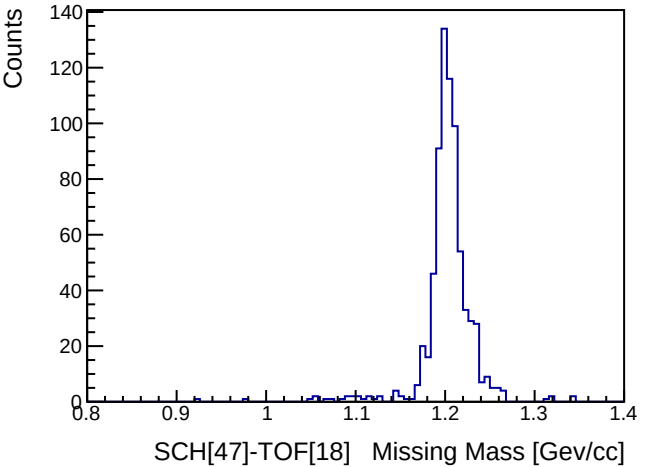

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[47]-TOF[17] SFTX Segment

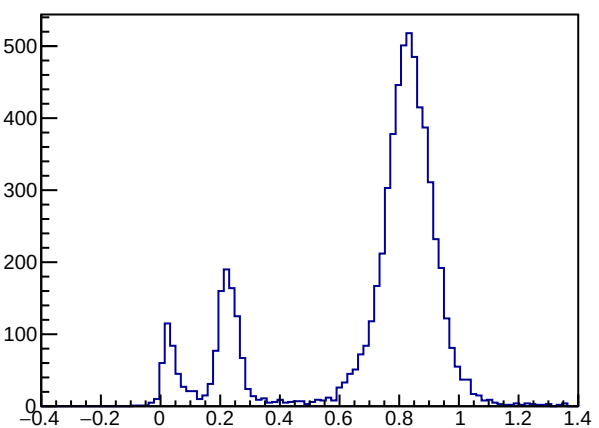

Counts
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[47]-TOF[17] Missing Mass [Gev/cc]

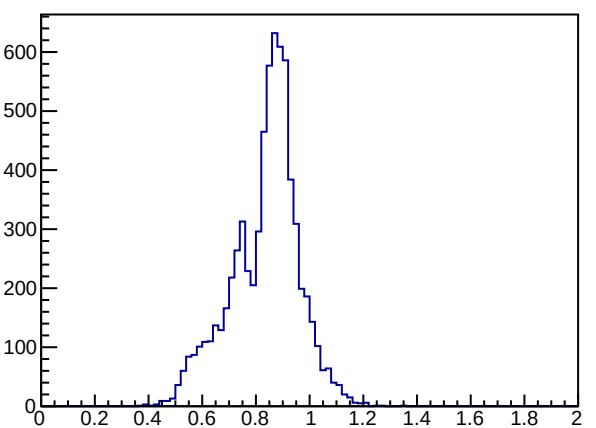

500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

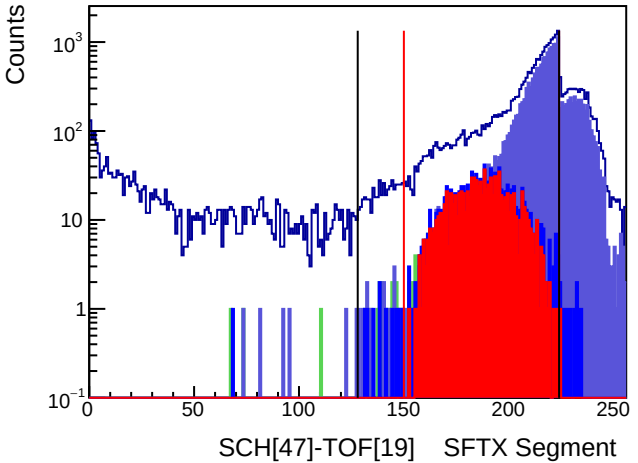

200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

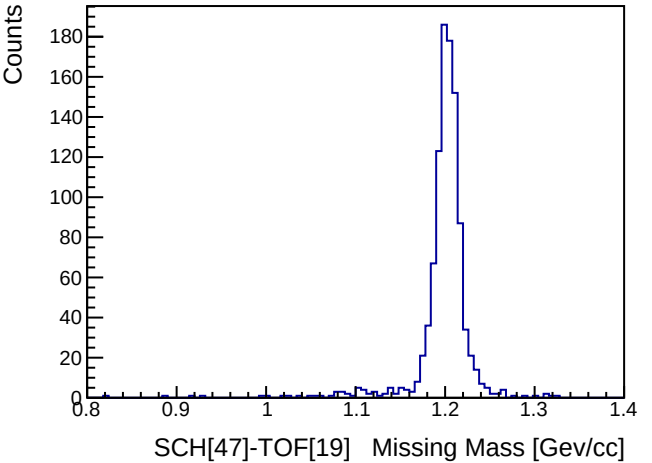

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[47]-TOF[18] SFTX Segment

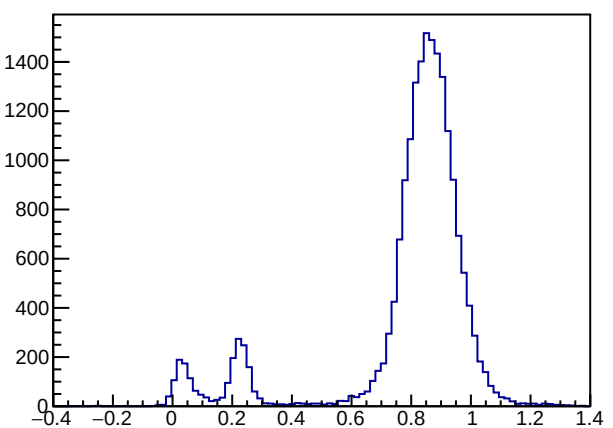

Counts
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[47]-TOF[18] Missing Mass [Gev/cc]

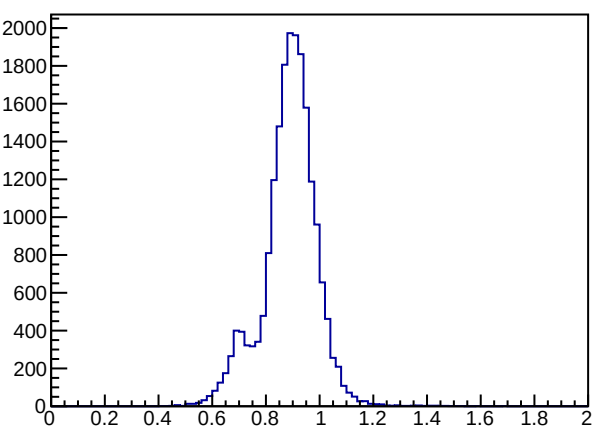

500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

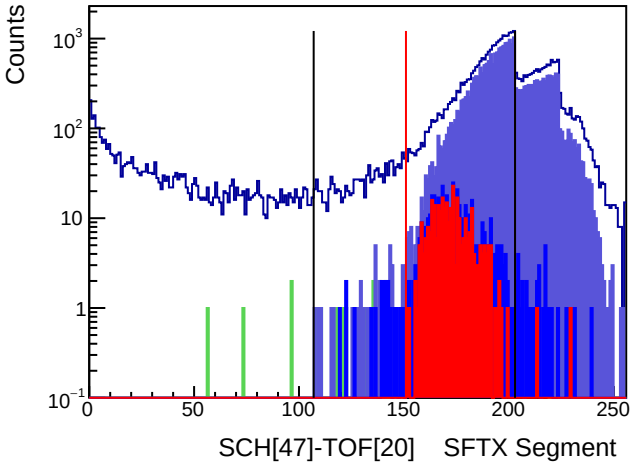

600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

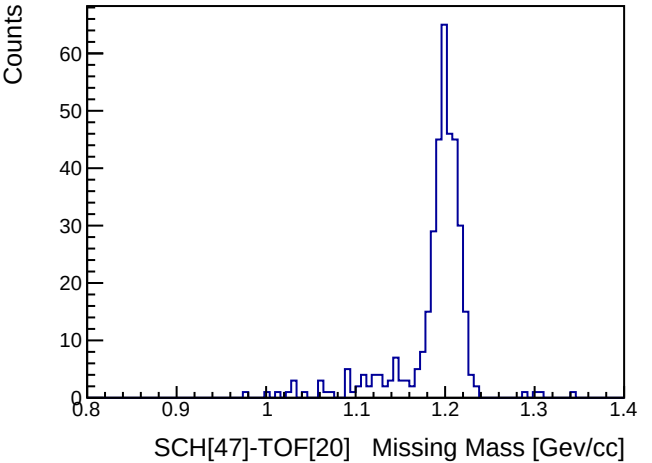

Counts
SCH[47]-TOF[19] SFTX Segment

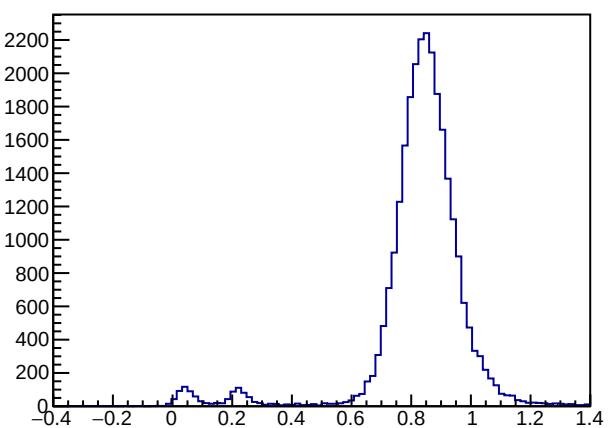

Counts
SCH[47]-TOF[19] Missing Mass [Gev/cc]

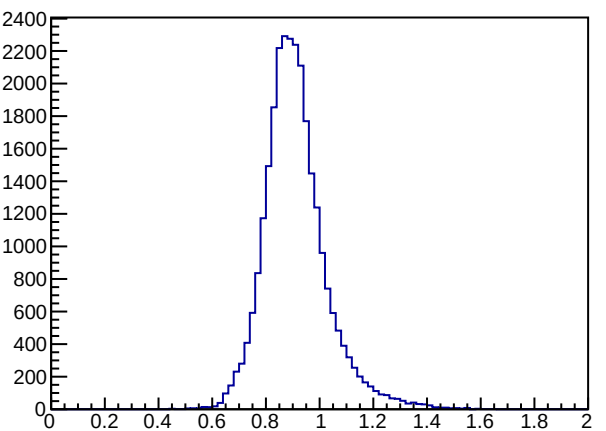


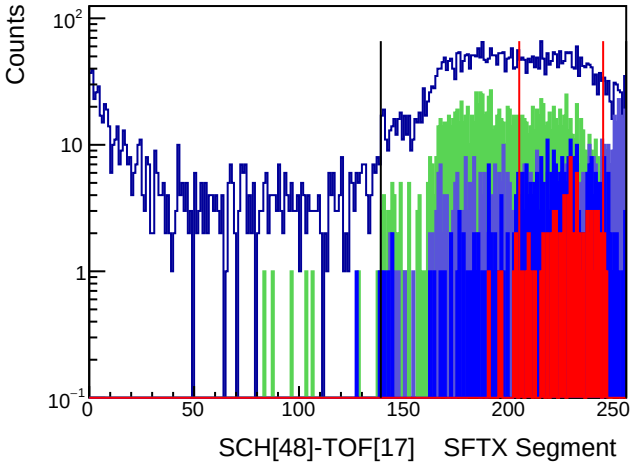


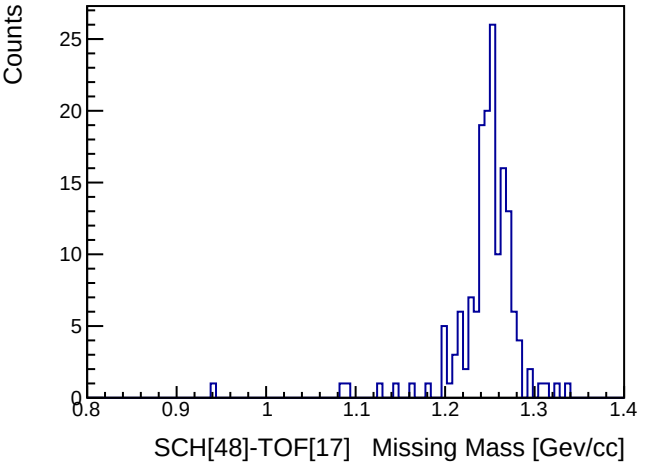

Counts
SCH[47]-TOF[20] SFTX Segment


Counts
SCH[47]-TOF[20] Missing Mass [Gev/cc]






Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[48]-TOF[17] SFTX Segment


Counts
25
20
15
10
5
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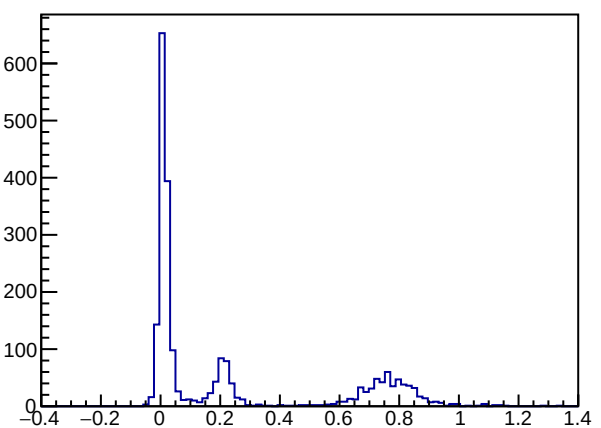
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[48]-TOF[17] Missing Mass [Gev/cc]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300
200
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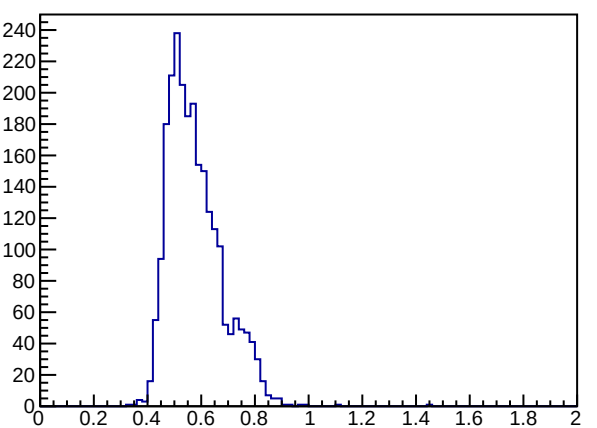
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4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160
140
120
100
80
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20
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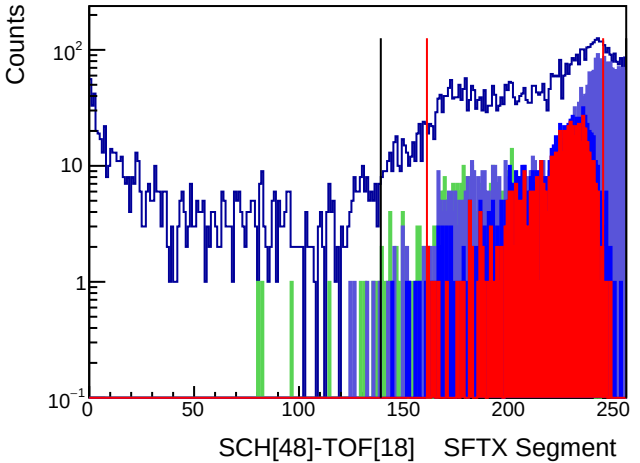
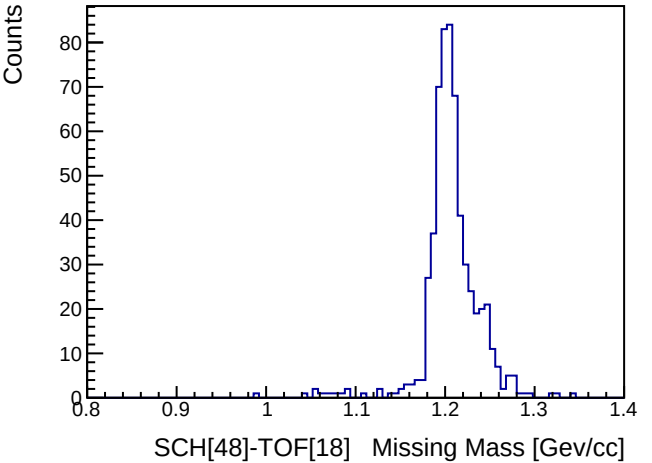
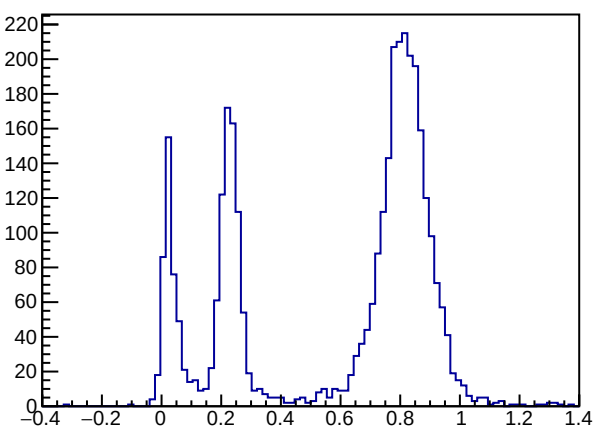
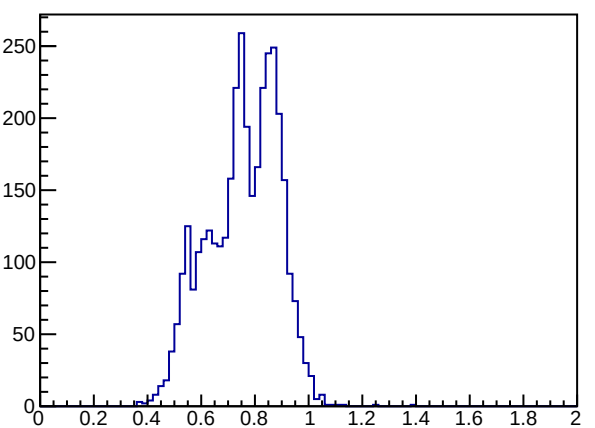
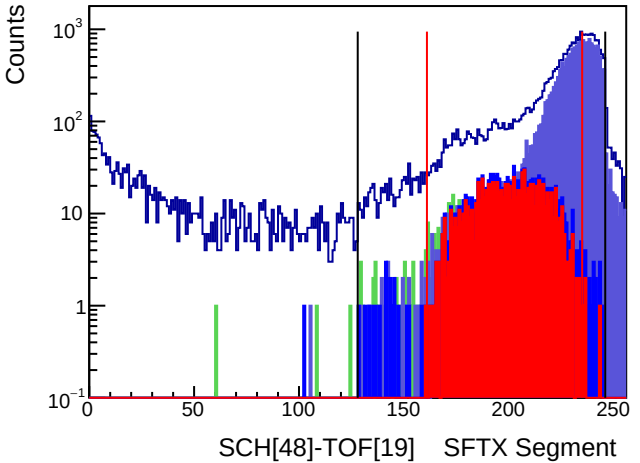
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

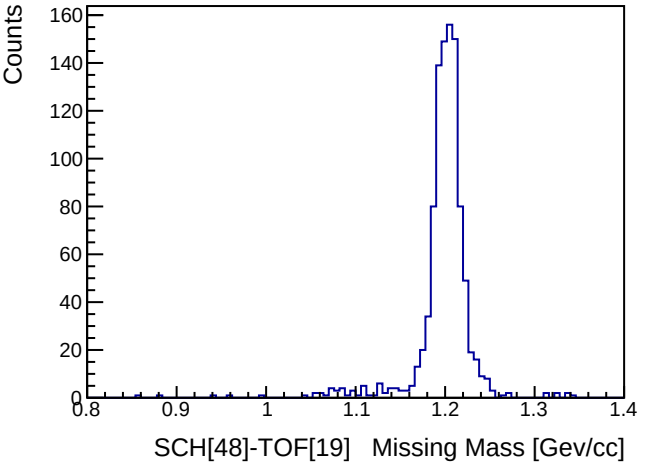

Counts
SCH[48]-TOF[18] SFTX Segment

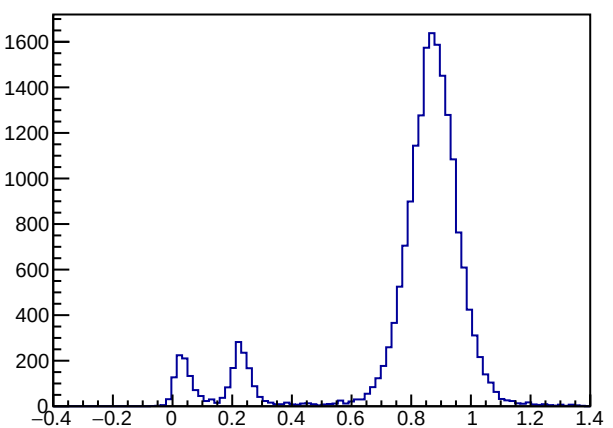

Counts
SCH[48]-TOF[18] Missing Mass [Gev/cc]

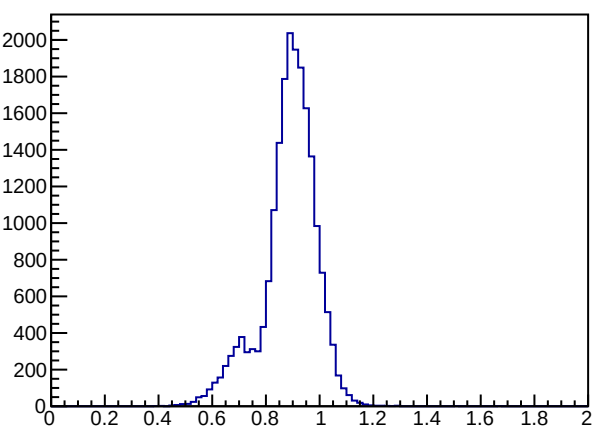


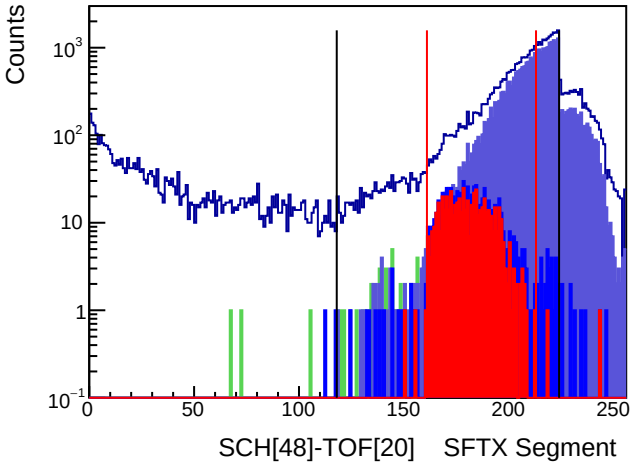


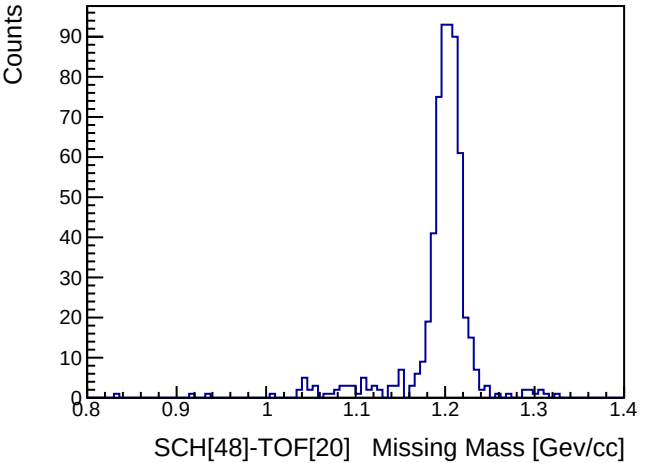

Counts
SCH[48]-TOF[19] SFTX Segment

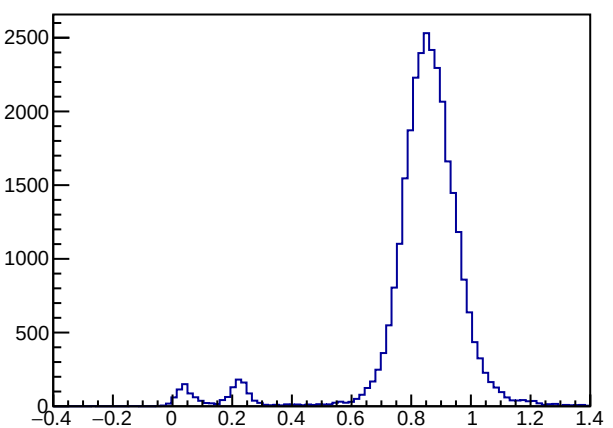

Counts
SCH[48]-TOF[19] Missing Mass [Gev/cc]

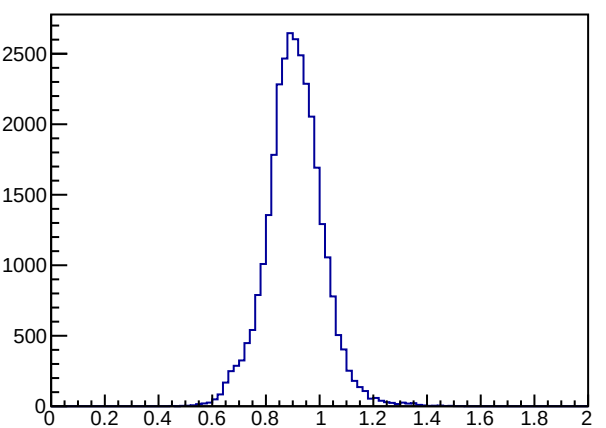


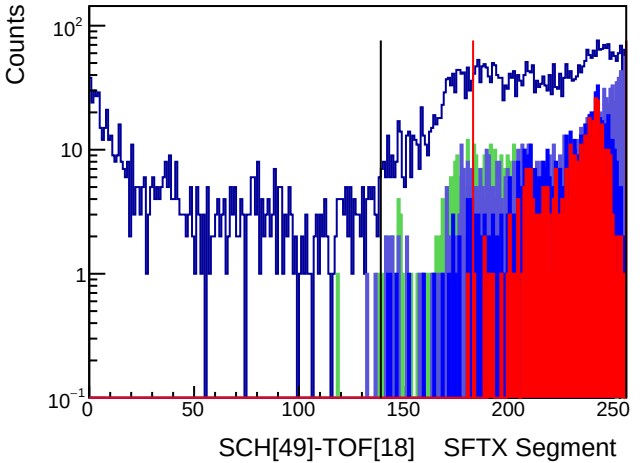


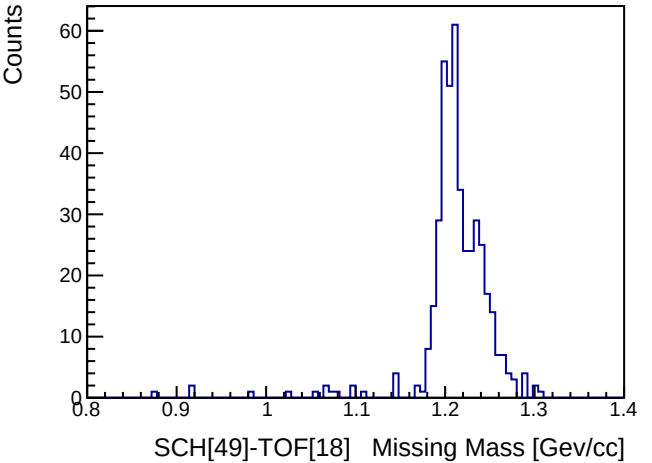

Counts
SCH[48]-TOF[20] SFTX Segment

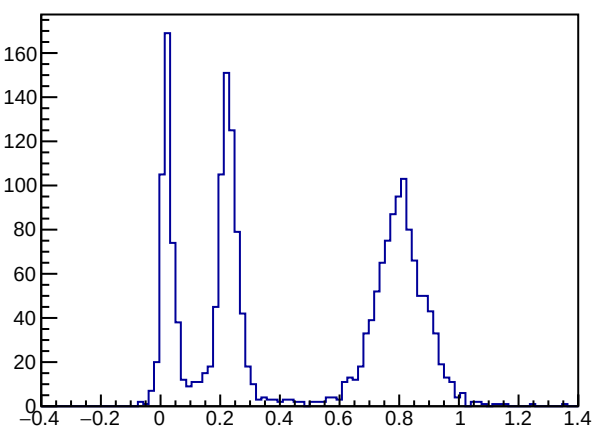

Counts
SCH[48]-TOF[20] Missing Mass [Gev/cc]

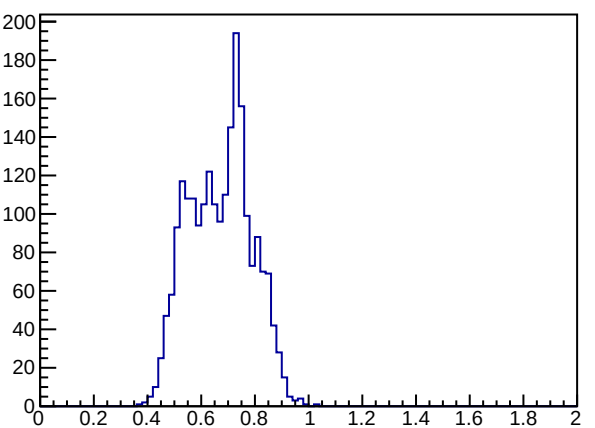


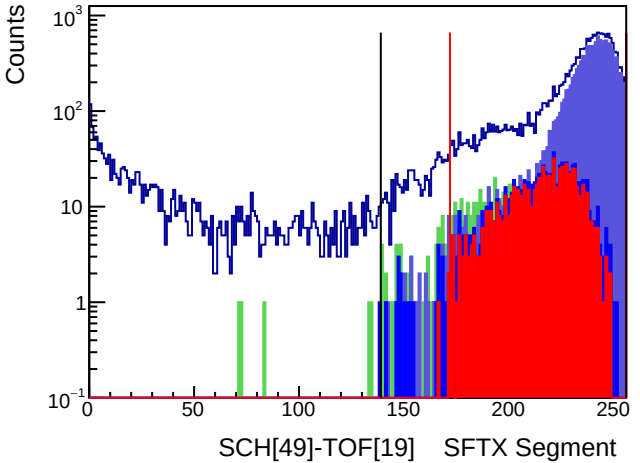


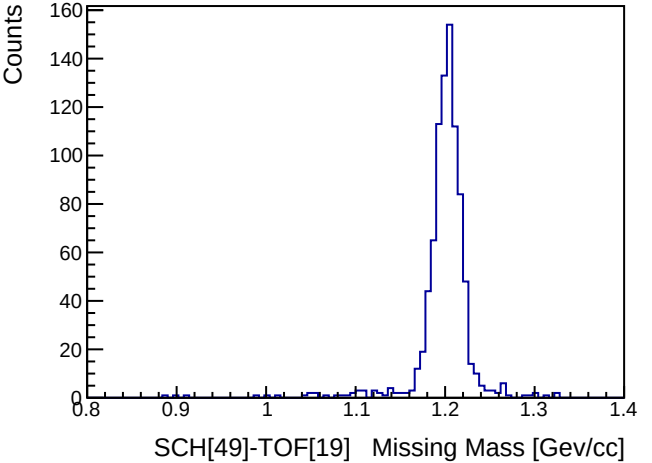

Counts
SCH[49]-TOF[18] SFTX Segment

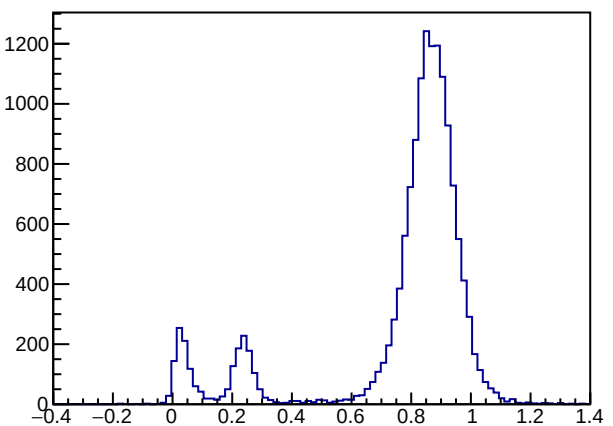

Counts
SCH[49]-TOF[18] Missing Mass [Gev/cc]

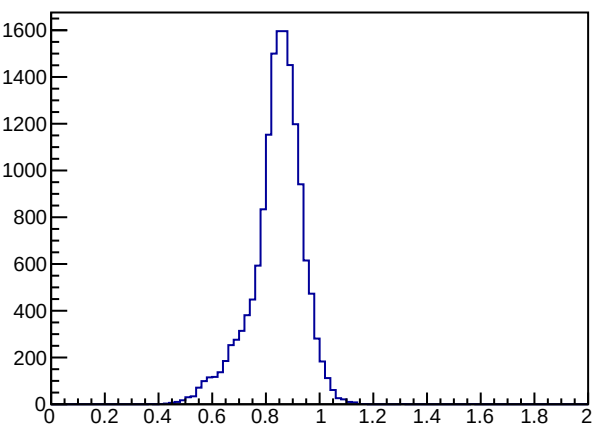


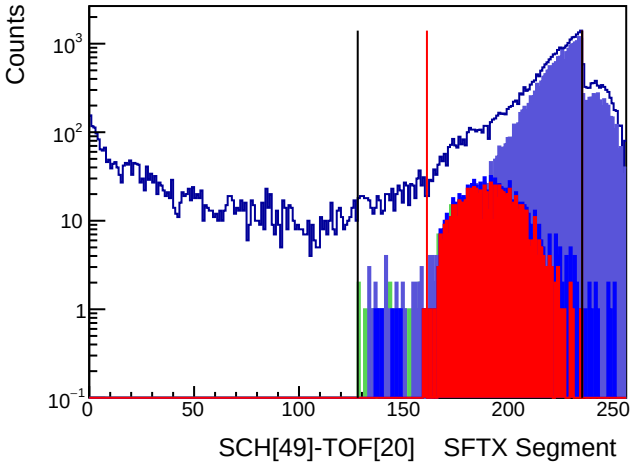



Counts
SCH[49]-TOF[19] SFTX Segment


Counts
SCH[49]-TOF[19] Missing Mass [Gev/cc]



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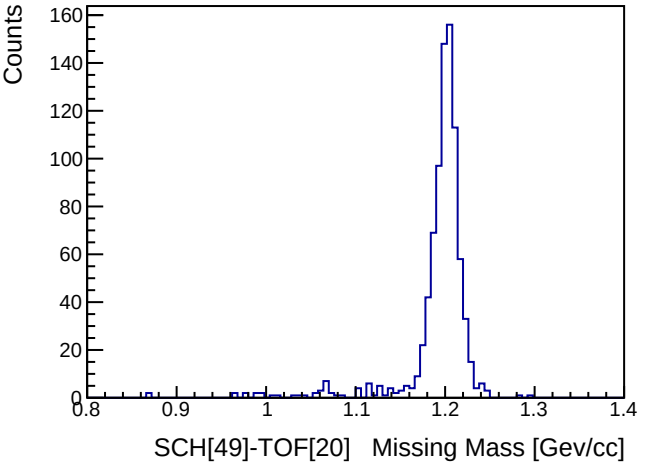
SCH[49]-TOF[20] SFTX Segment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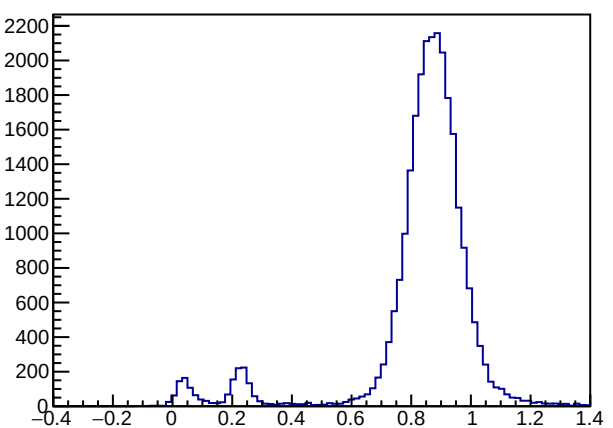
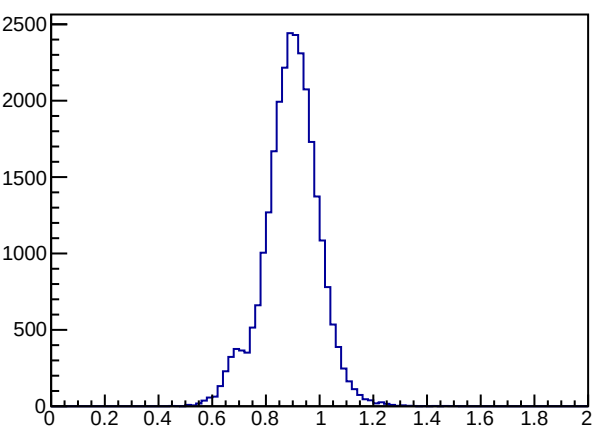
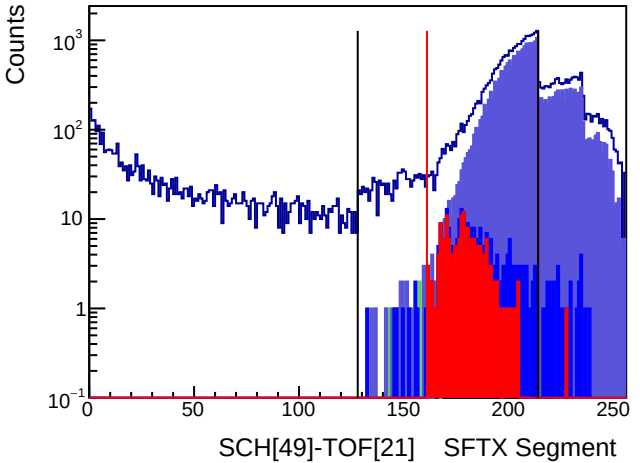
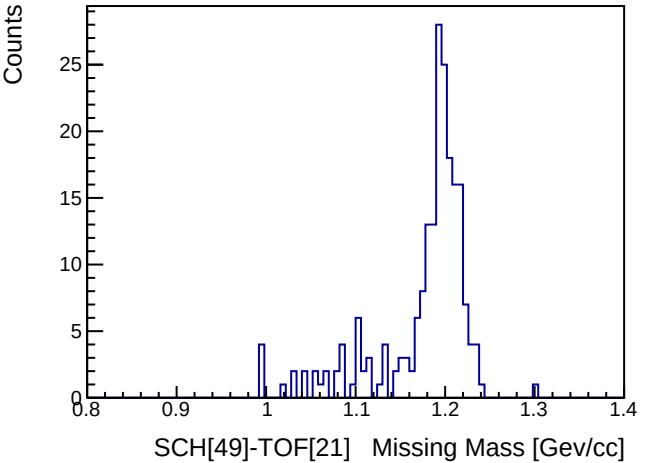
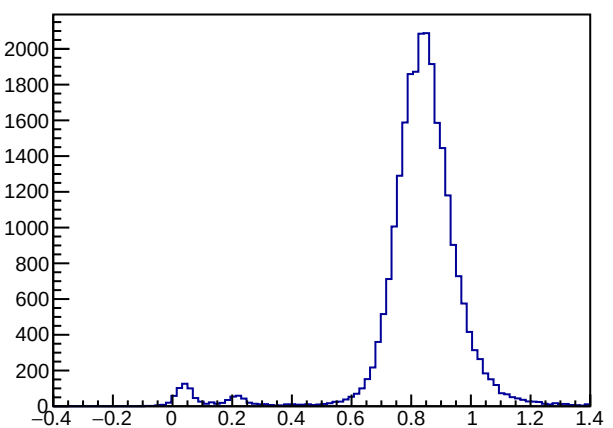
SCH[49]-TOF[20] Missing Mass [Gev/cc]

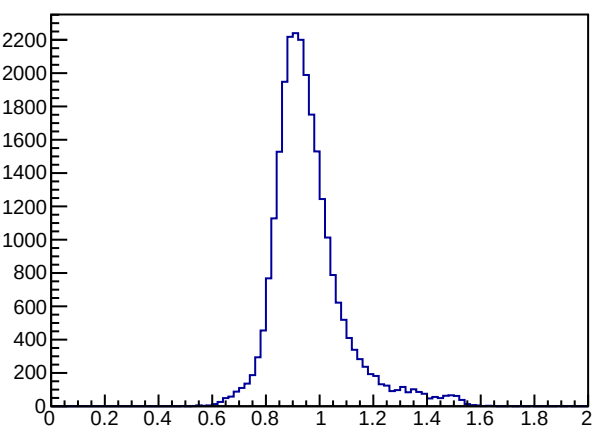


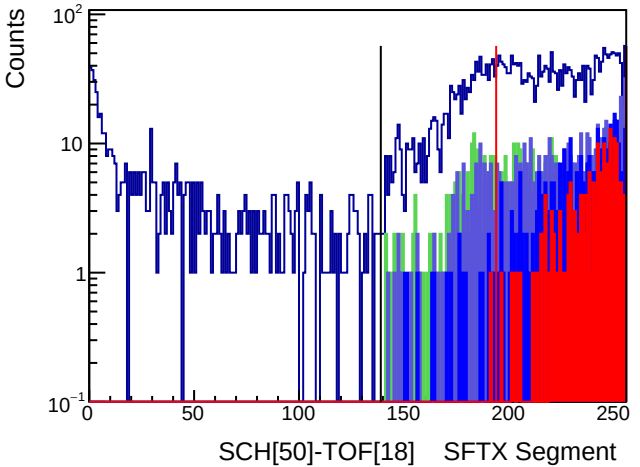


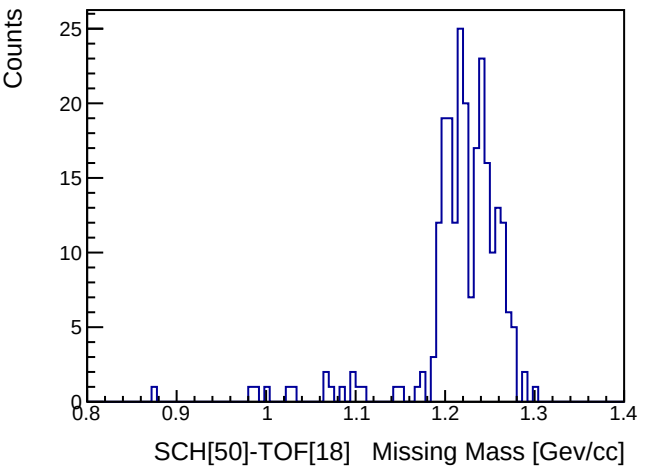

Counts
SCH[49]-TOF[21] SFTX Segment

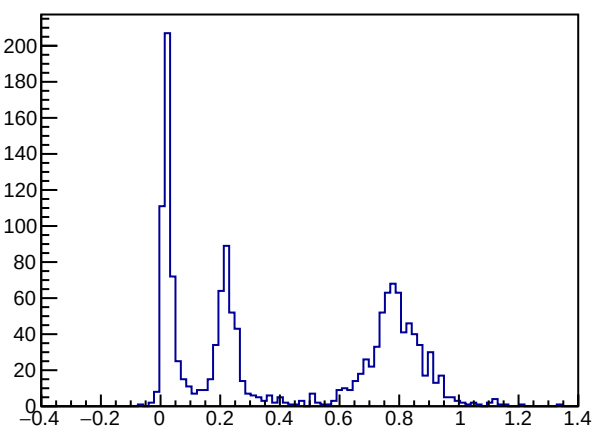

Counts
SCH[49]-TOF[21] Missing Mass [Gev/cc]

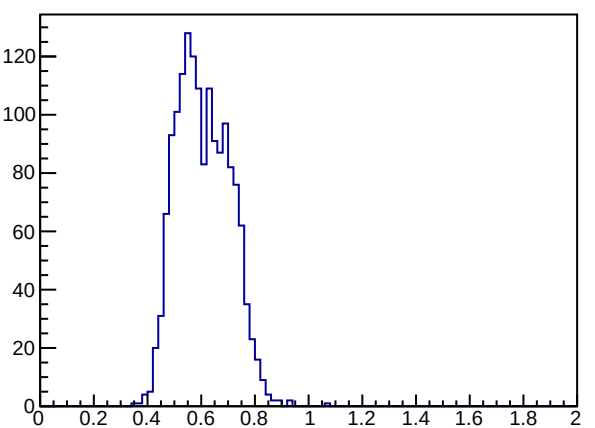


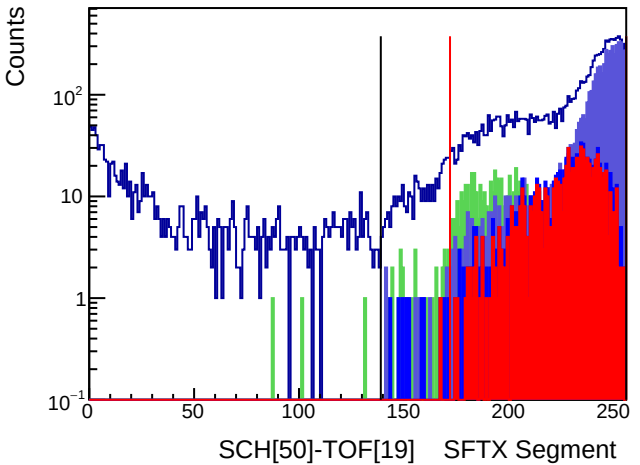


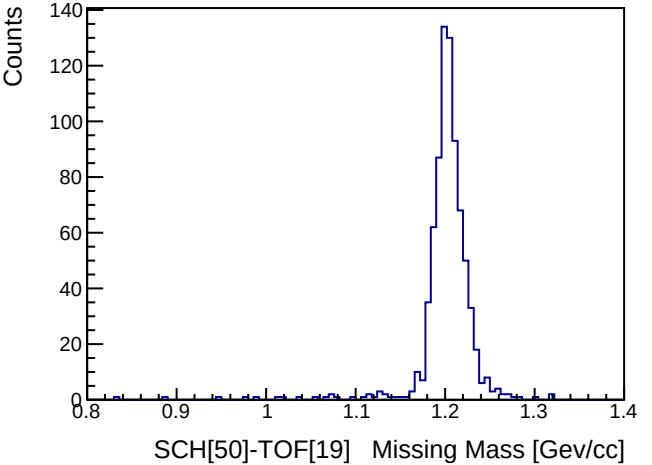

Counts
SCH[50]-TOF[18] SFTX Segment

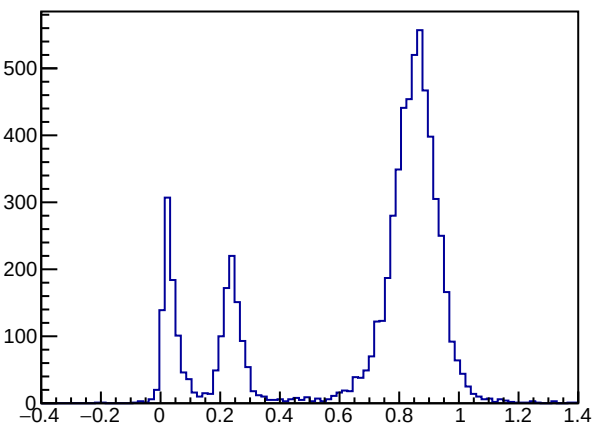

Counts
SCH[50]-TOF[18] Missing Mass [Gev/cc]

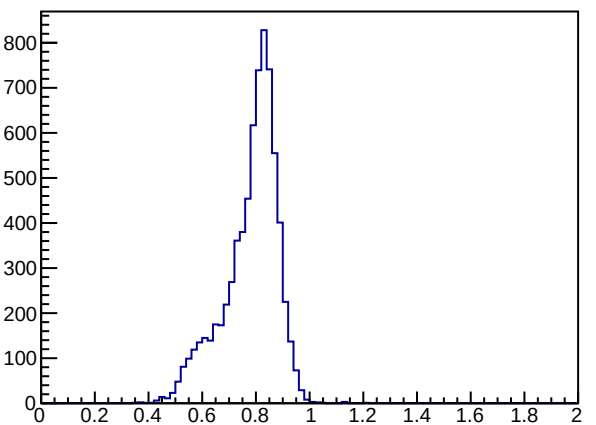


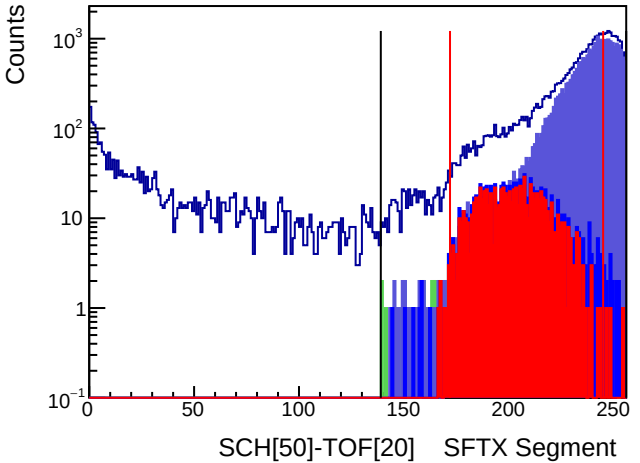


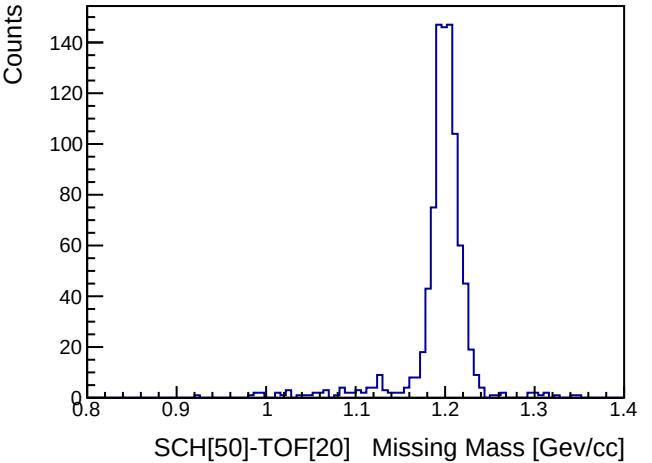

Counts
SCH[50]-TOF[19] SFTX Segment

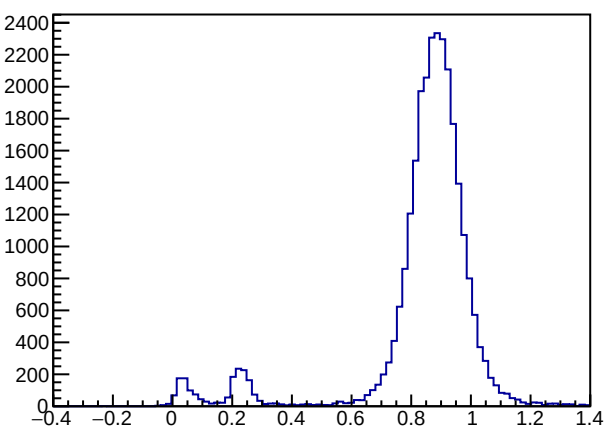

Counts
SCH[50]-TOF[19] Missing Mass [Gev/cc]

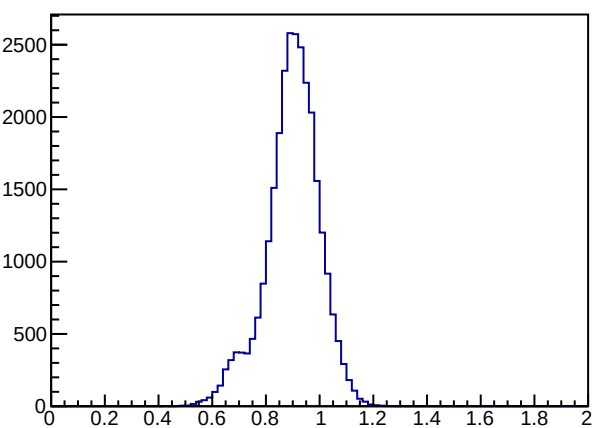


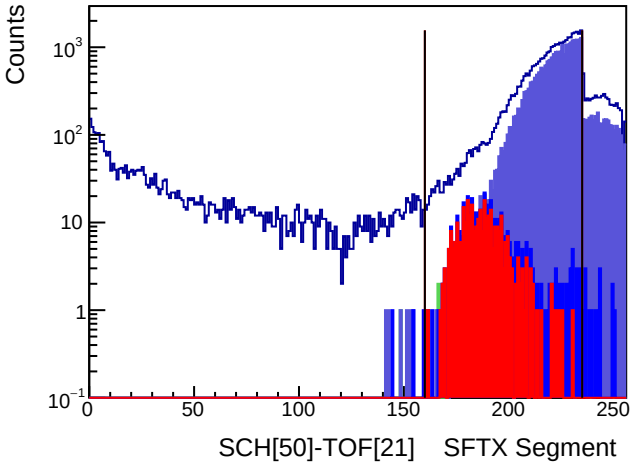


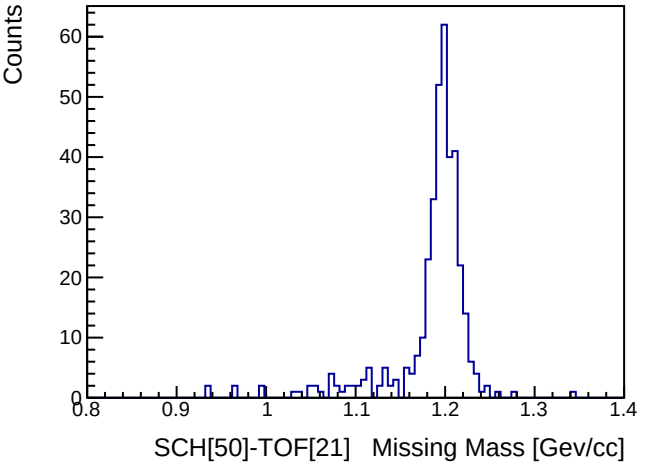

Counts
SCH[50]-TOF[20] SFTX Segment

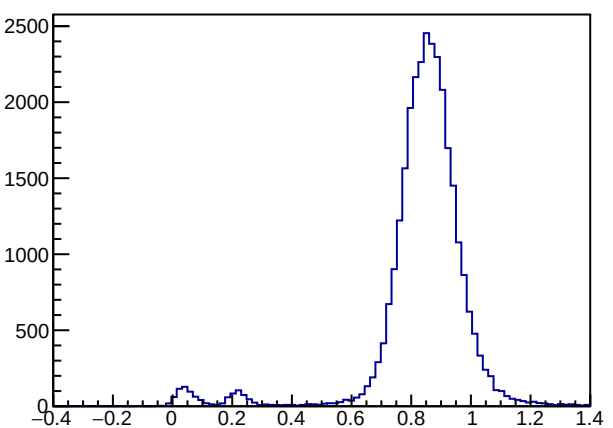

Counts
SCH[50]-TOF[20] Missing Mass [Gev/cc]

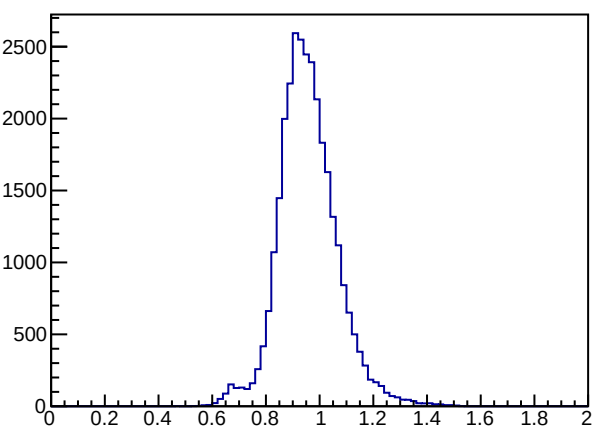


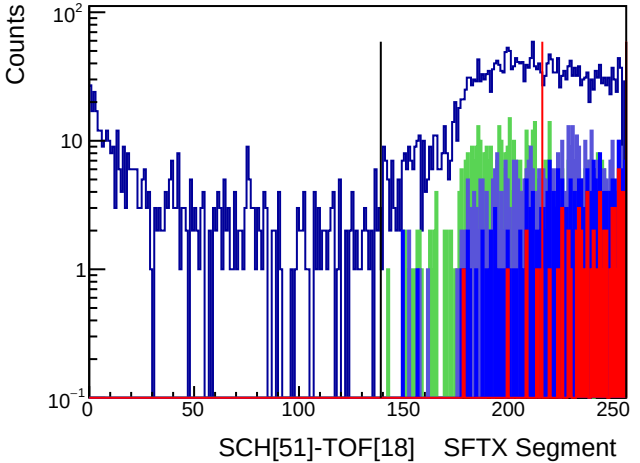



Counts
SCH[50]-TOF[21] SFTX Segment


Counts
SCH[50]-TOF[21] Missing Mass [Gev/cc]






Counts
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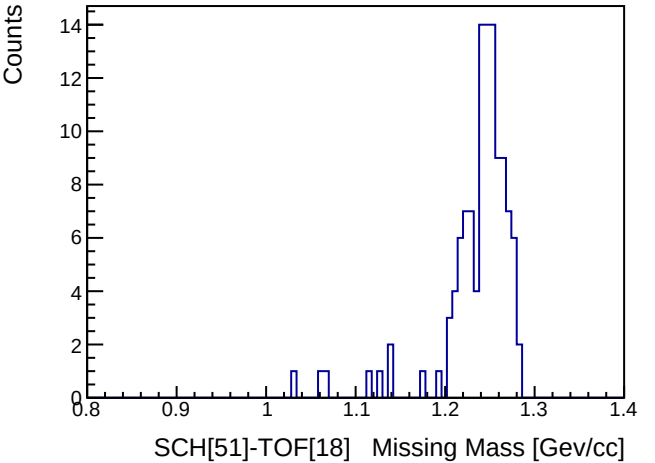
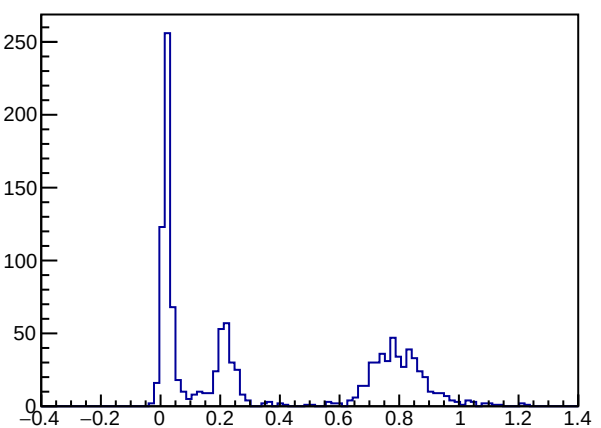
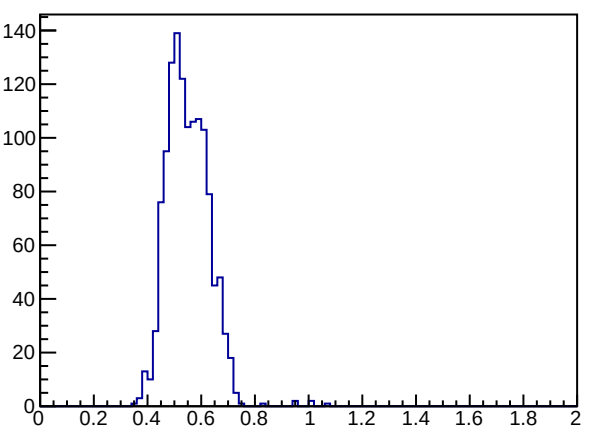
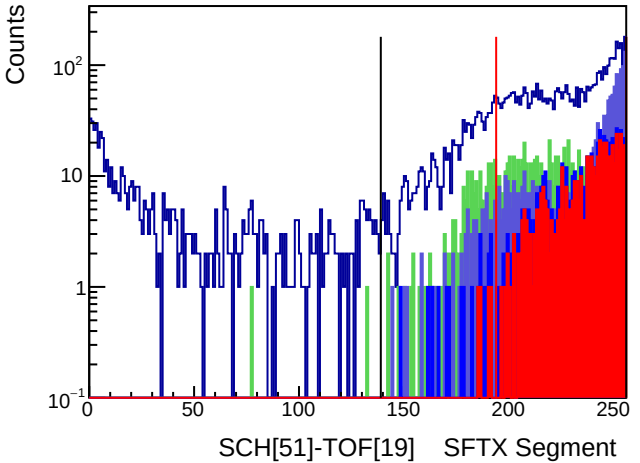
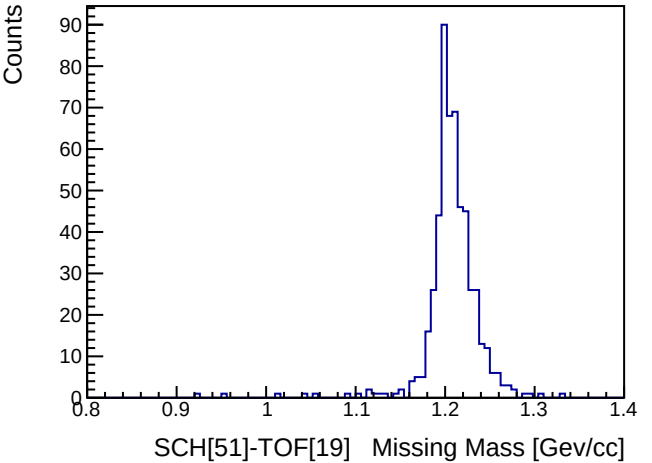
10
1
10^{-1}
0
50
100
150
200
250
SCH[51]-TOF[18] SFTX Segment

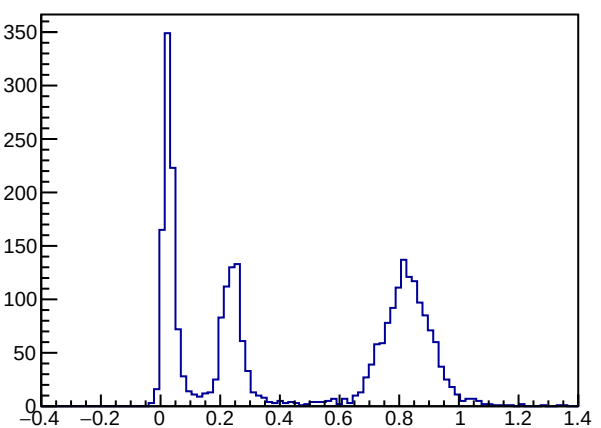

Counts
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[51]-TOF[18] Missing Mass [Gev/cc]

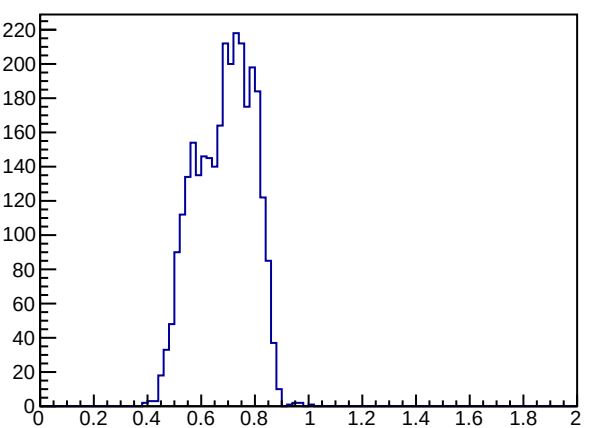

250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

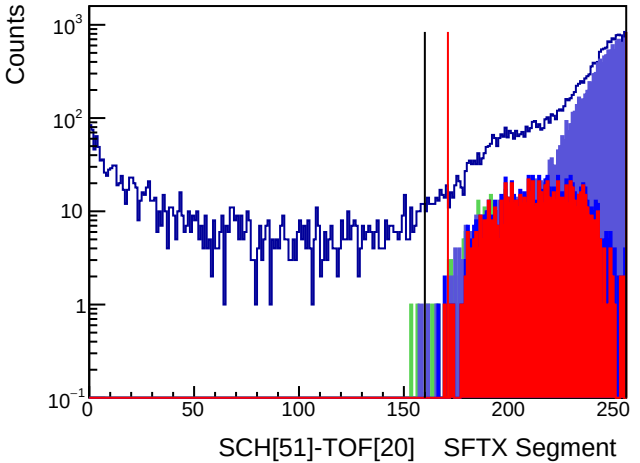

140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

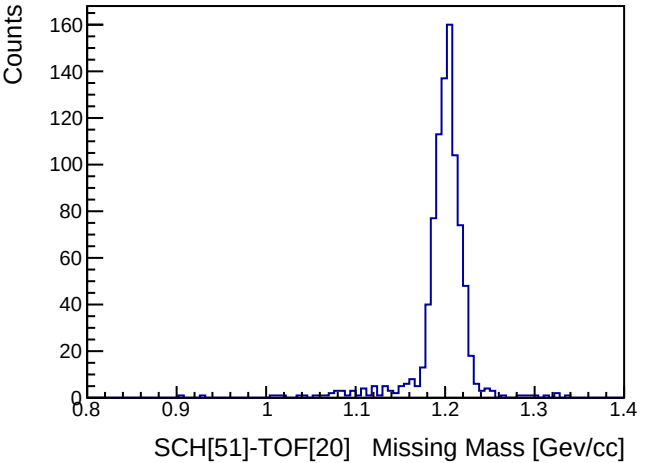

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[51]-TOF[19] SFTX Segment

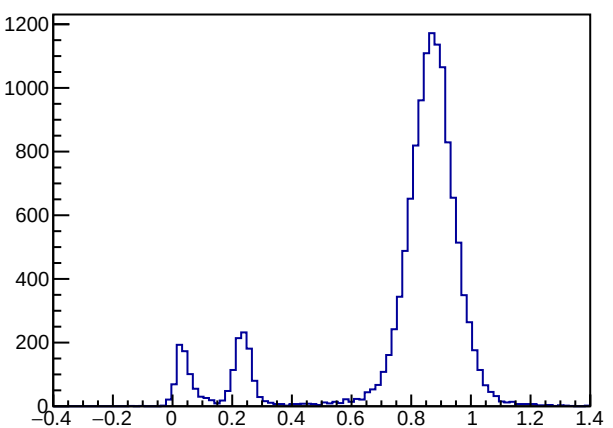

Counts
90
80
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[51]-TOF[19] Missing Mass [Gev/cc]

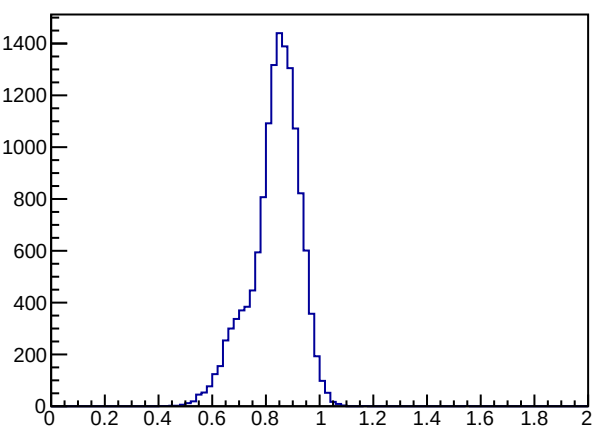

350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

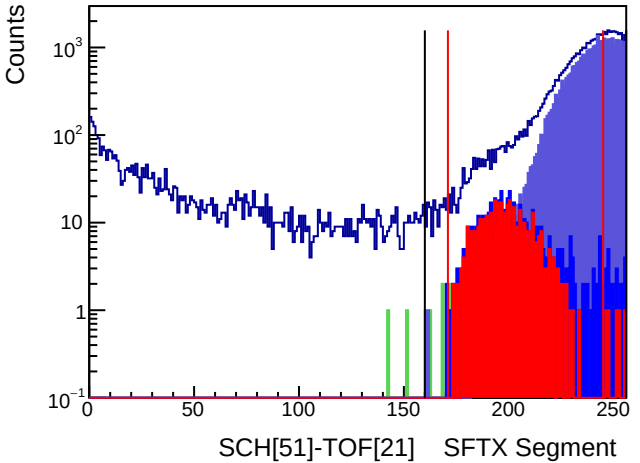

220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

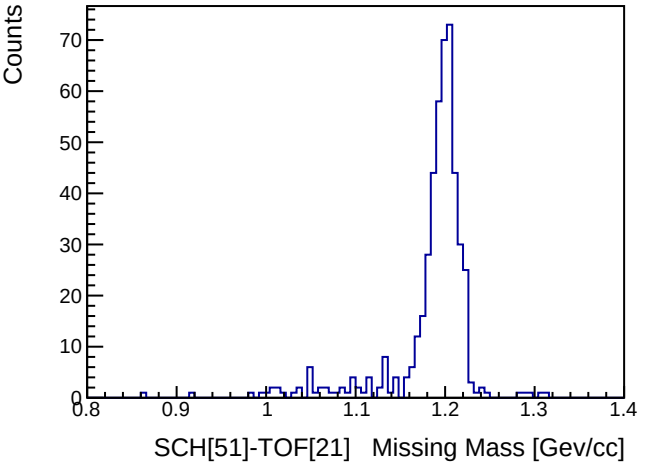

Counts
SCH[51]-TOF[20] SFTX Segment

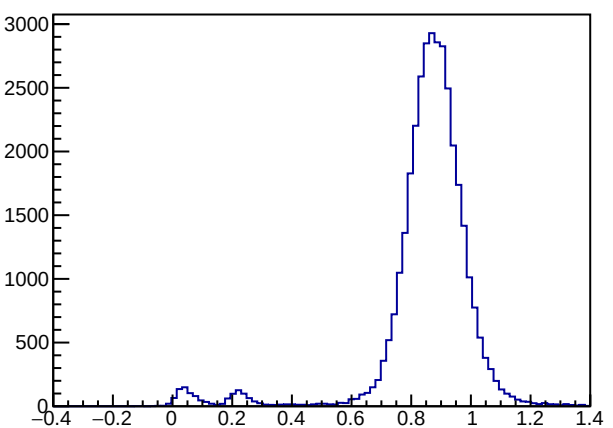

Counts
SCH[51]-TOF[20] Missing Mass [Gev/cc]

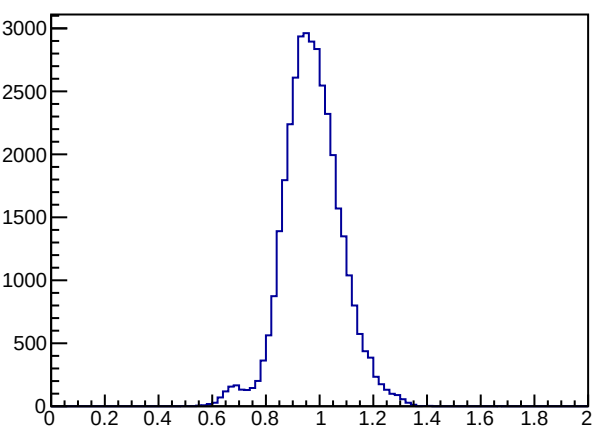


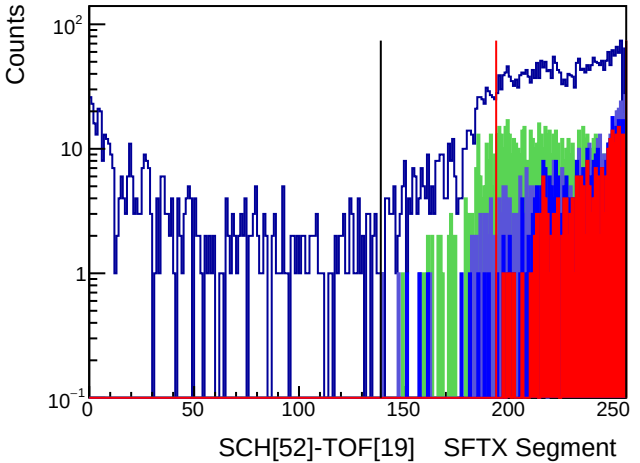


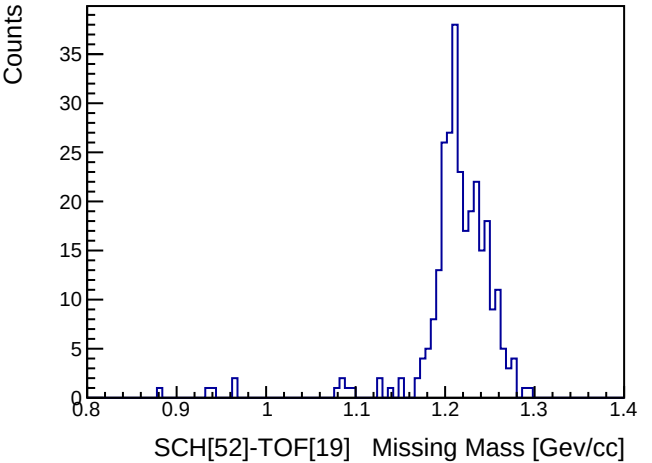

Counts
SCH[51]-TOF[21] SFTX Segment

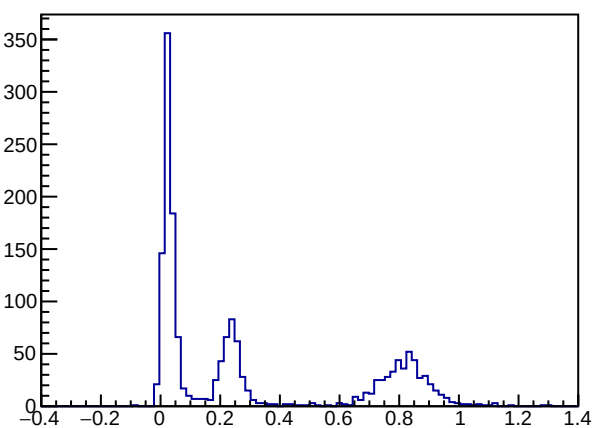

Counts
SCH[51]-TOF[21] Missing Mass [Gev/cc]

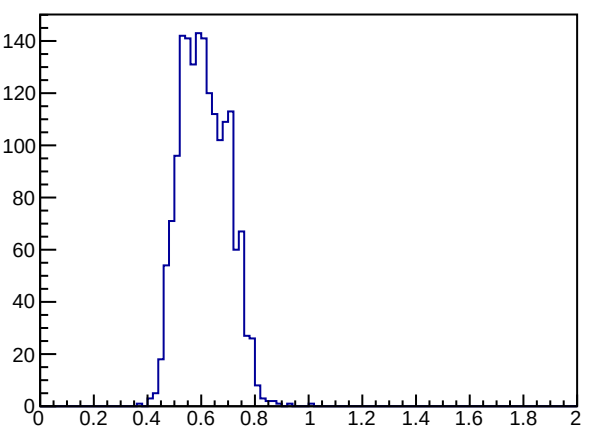


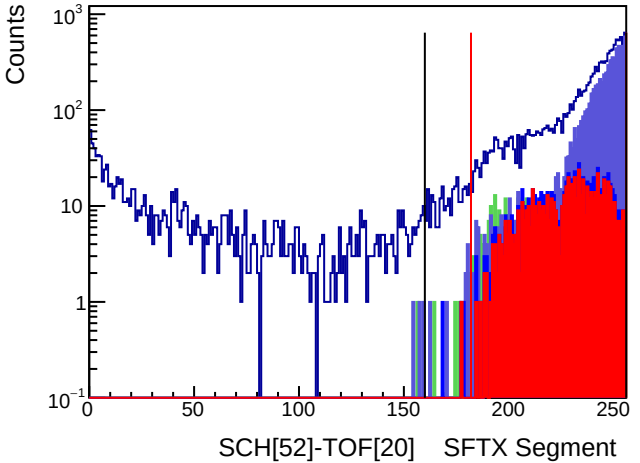


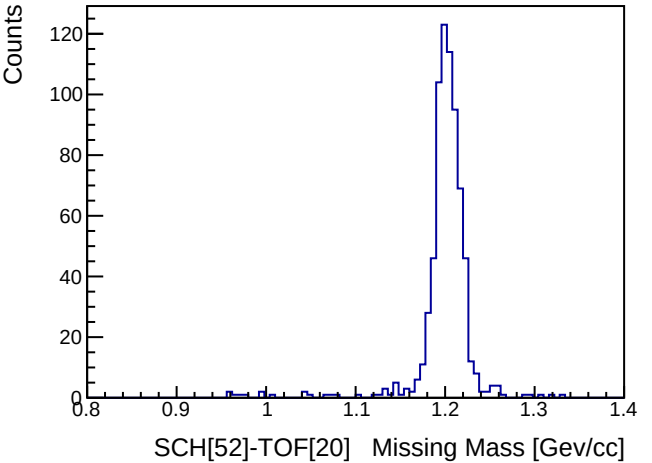

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[52]-TOF[19] SFTX Segment

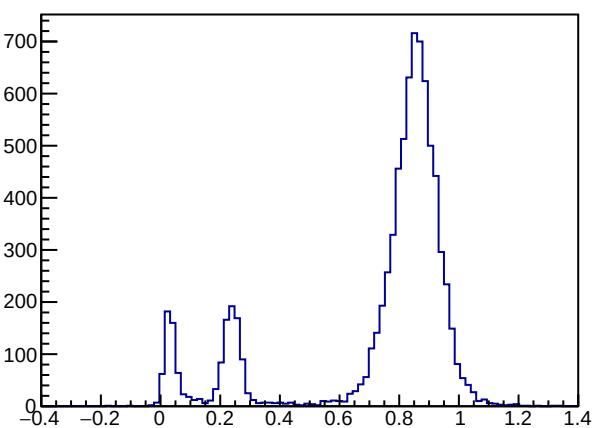

Counts
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[52]-TOF[19] Missing Mass [Gev/cc]

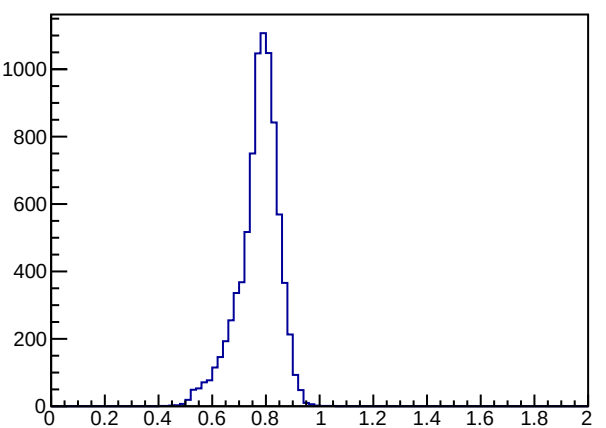

350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

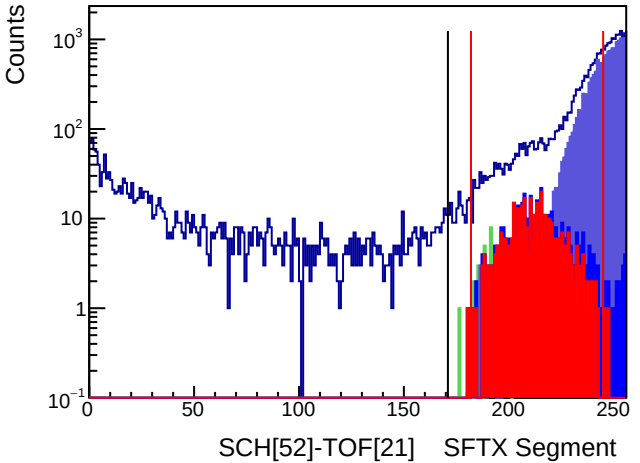

140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

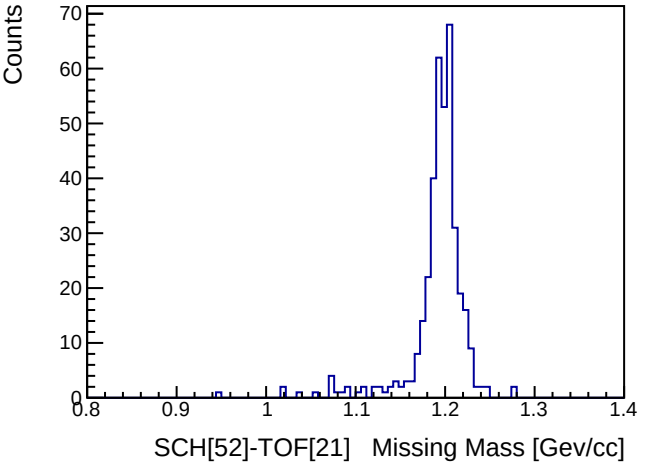

Counts
SCH[52]-TOF[20] SFTX Segment

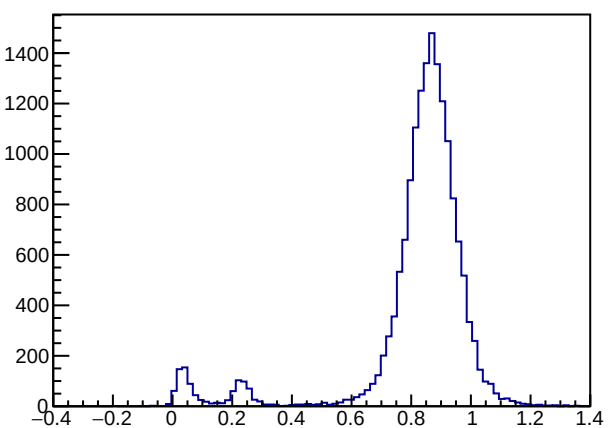

Counts
SCH[52]-TOF[20] Missing Mass [Gev/cc]

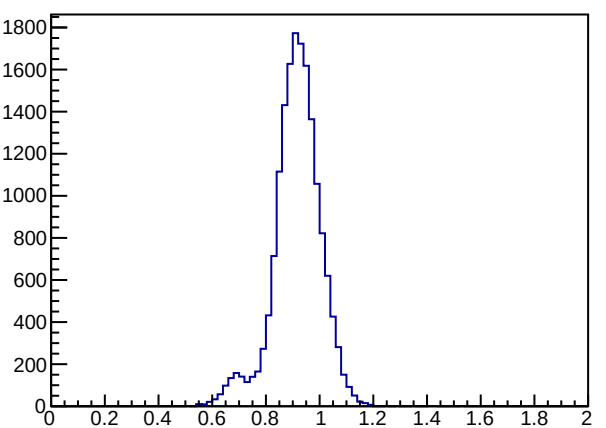


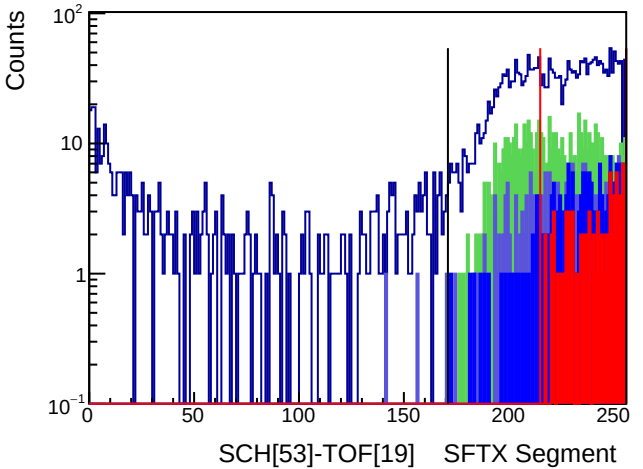


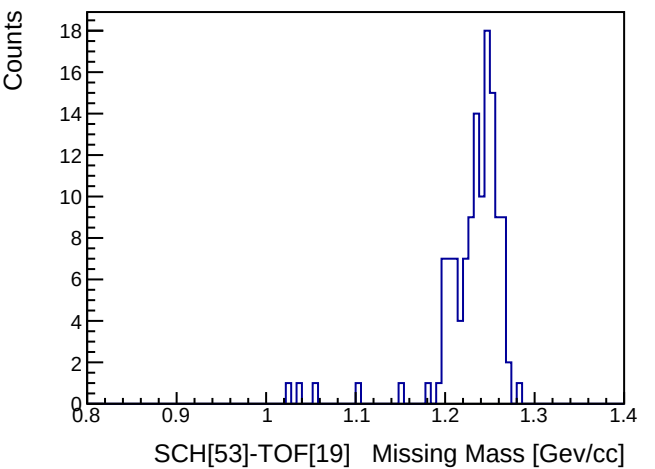

Counts
SCH[52]-TOF[21] SFTX Segment

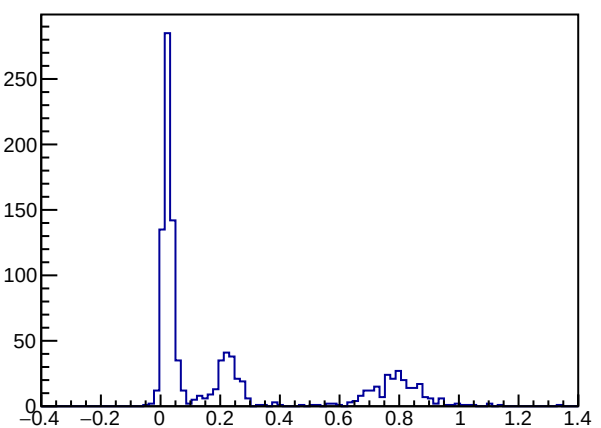

Counts
SCH[52]-TOF[21] Missing Mass [Gev/cc]

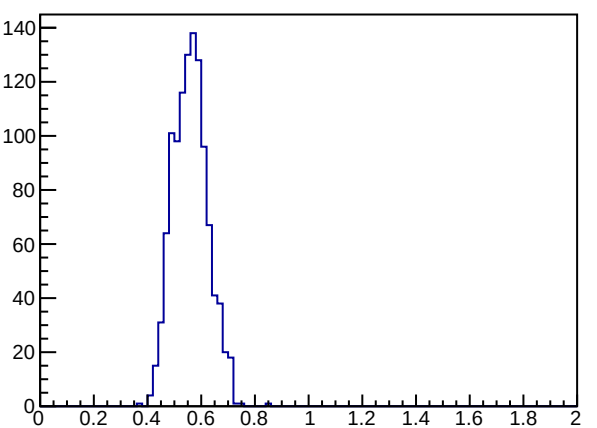


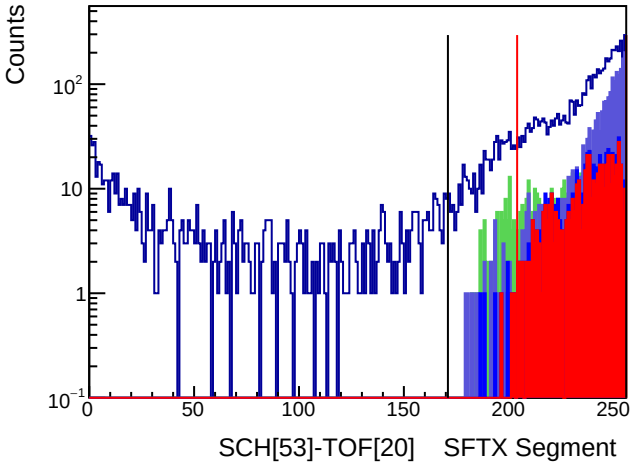


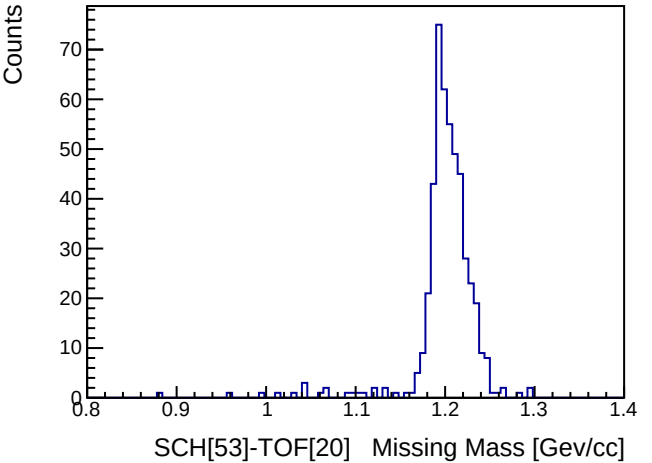

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[53]-TOF[19] SFTX Segment

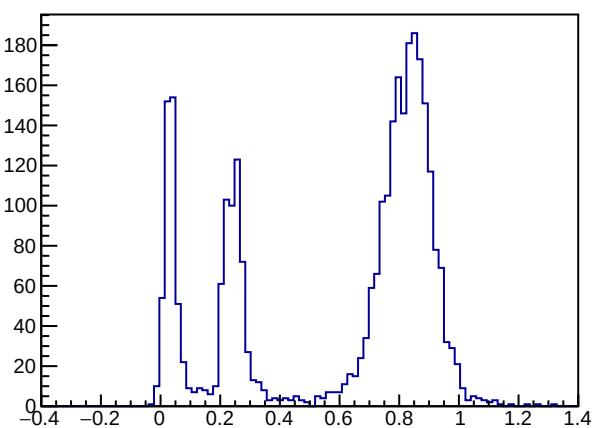

Counts
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[53]-TOF[19] Missing Mass [Gev/cc]

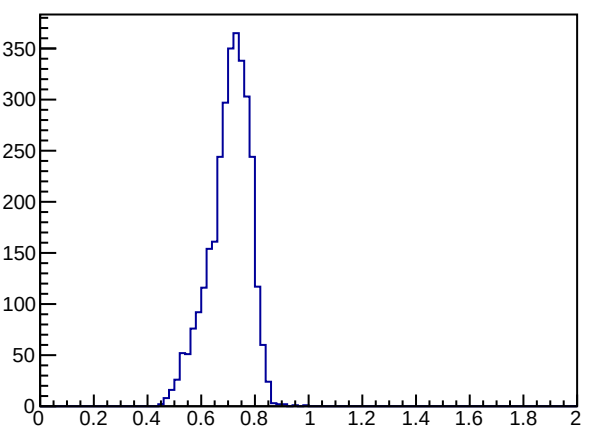

250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

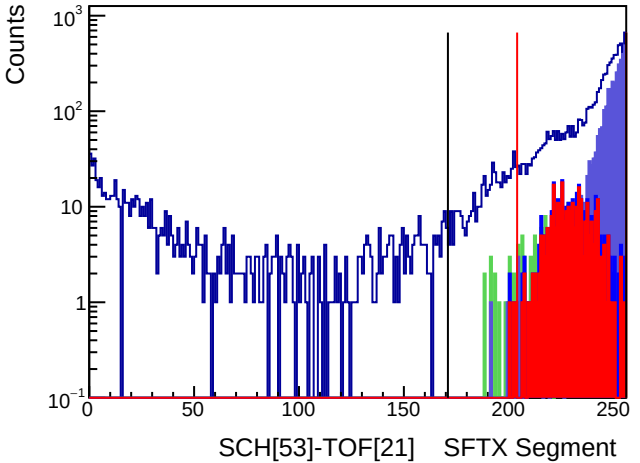

140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

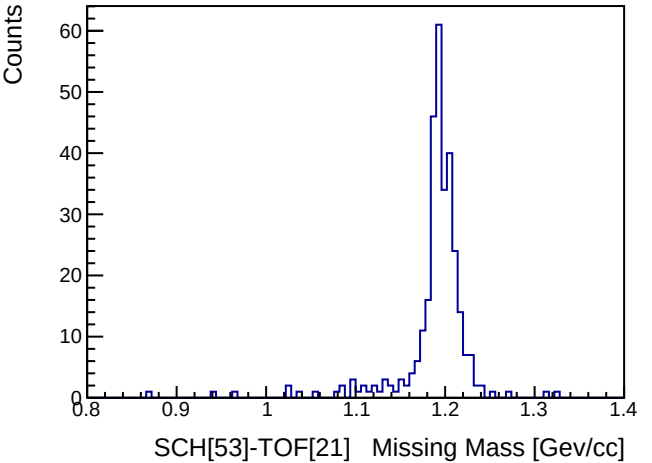

Counts
SCH[53]-TOF[20] SFTX Segment

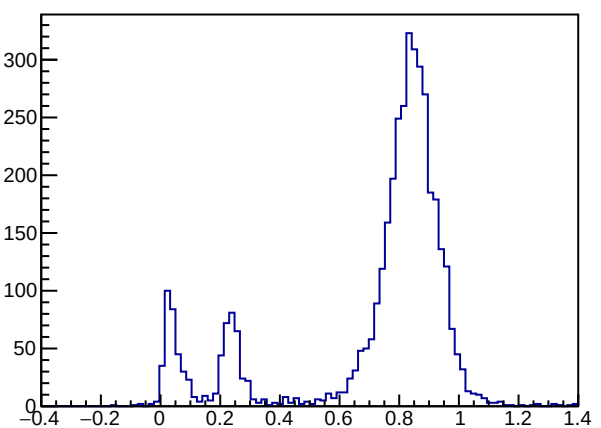

Counts
SCH[53]-TOF[20] Missing Mass [Gev/cc]

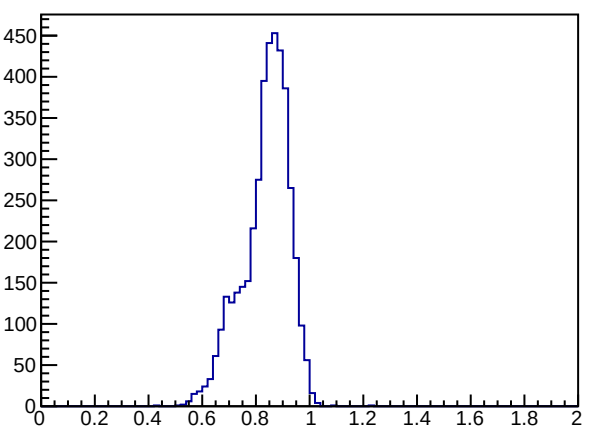


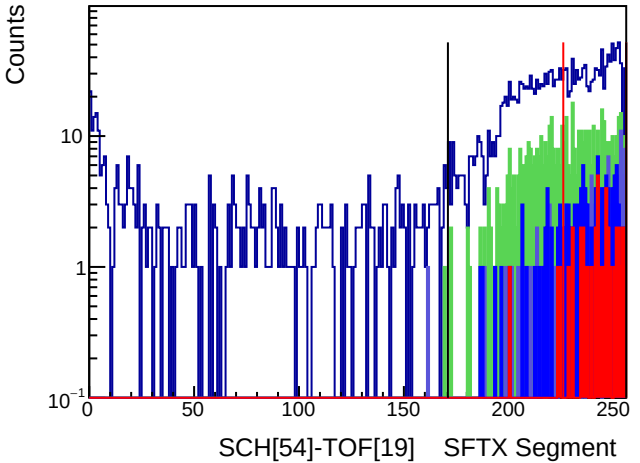


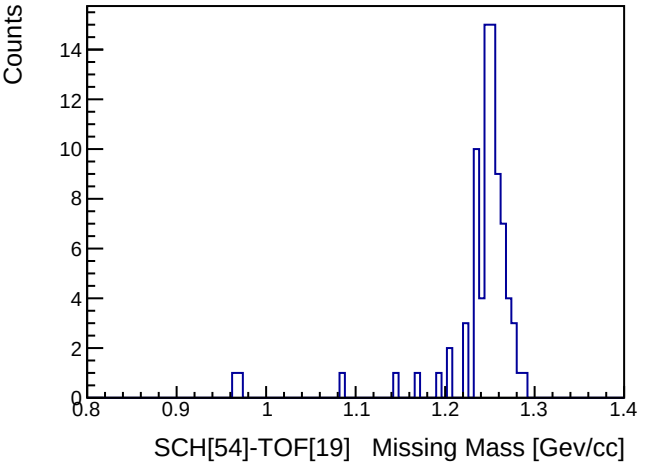

Counts
SCH[53]-TOF[21] SFTX Segment

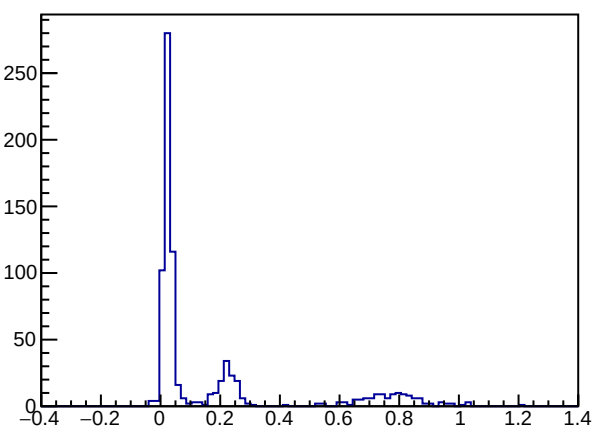

Counts
SCH[53]-TOF[21] Missing Mass [Gev/cc]

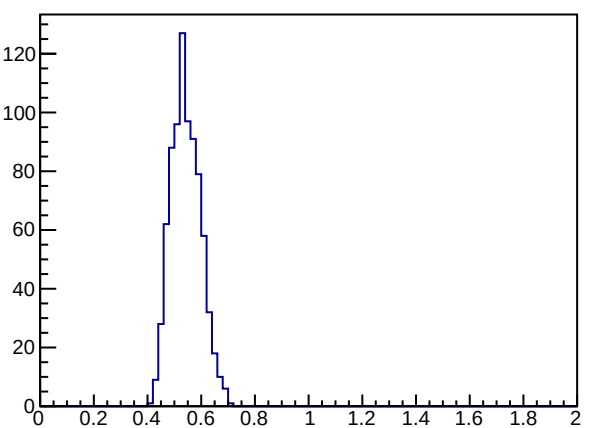


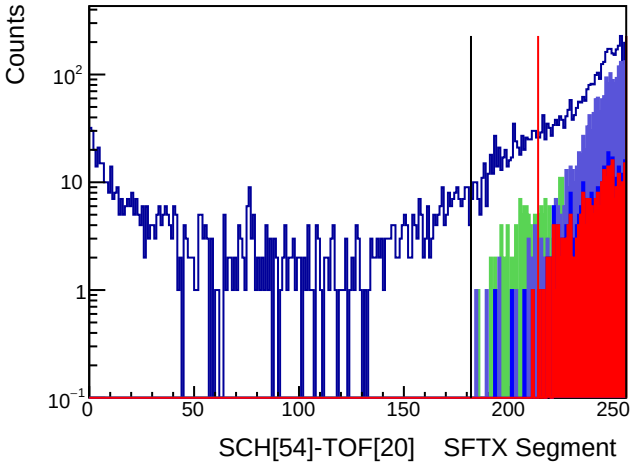


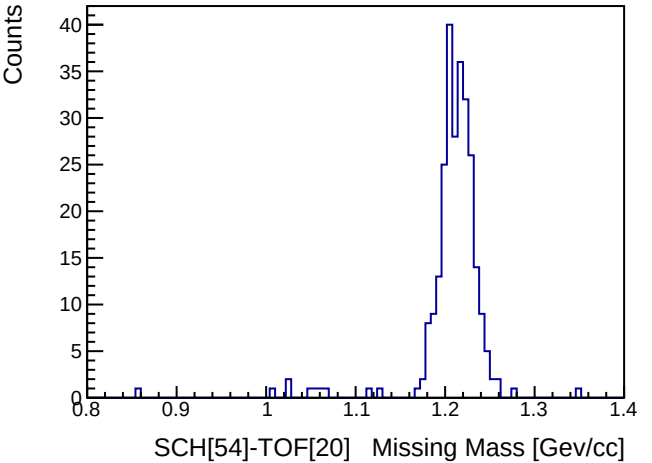

Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[54]-TOF[19] SFTX Segment

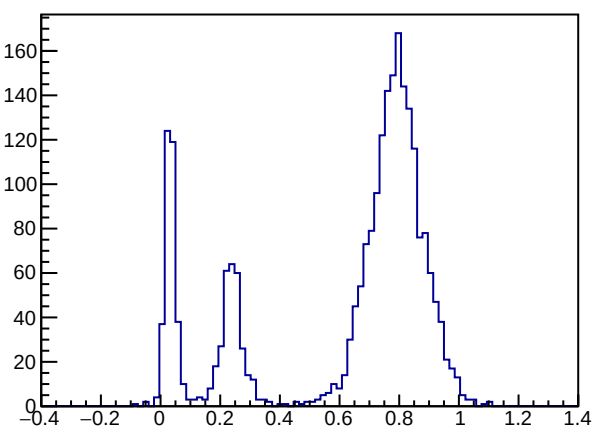

Counts
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[54]-TOF[19] Missing Mass [Gev/cc]

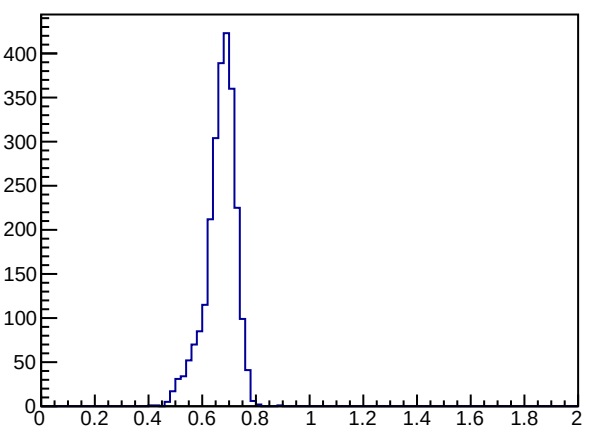

250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

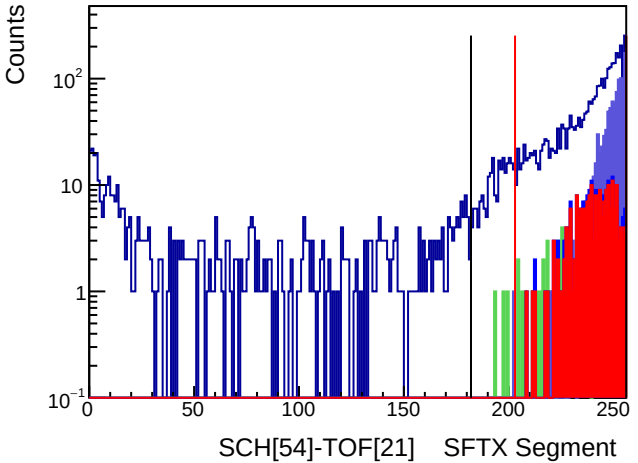

120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

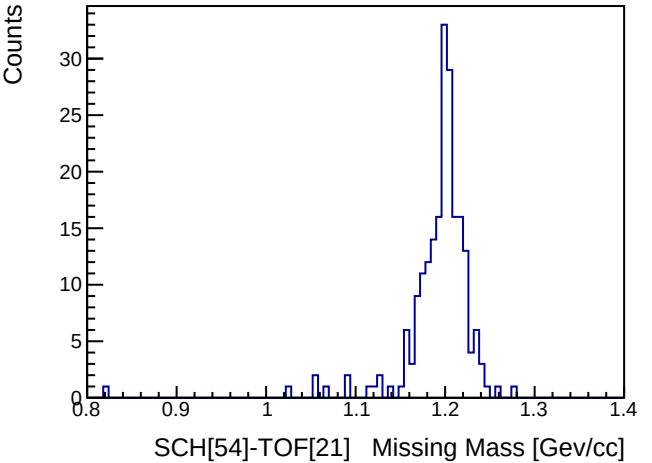

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[54]-TOF[20] SFTX Segment

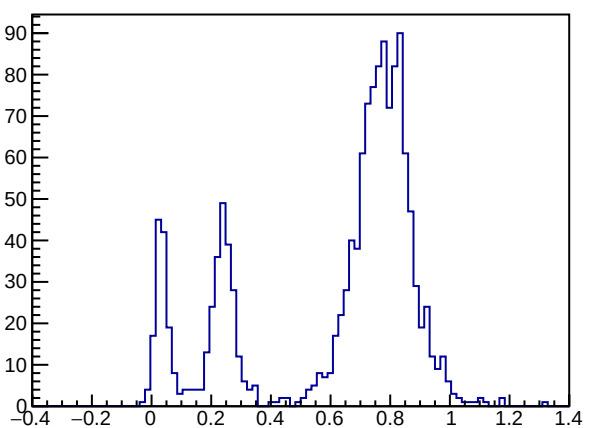

Counts
40
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[54]-TOF[20] Missing Mass [Gev/cc]

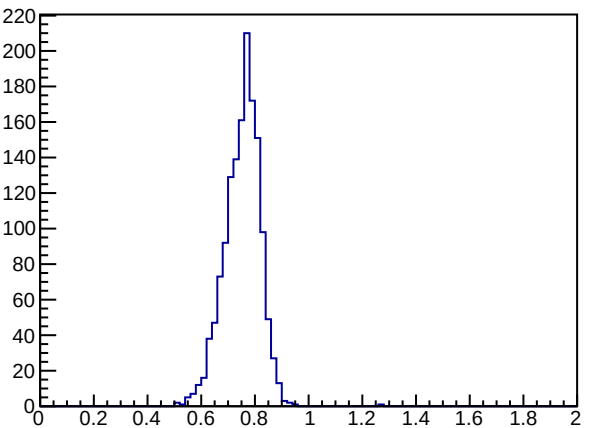

160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

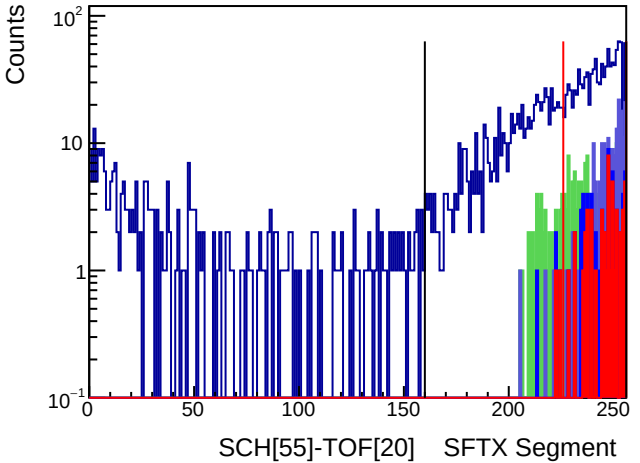

400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

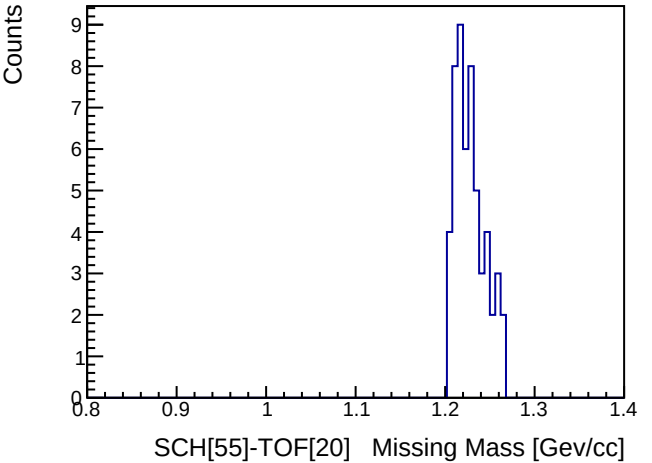

Counts
10^2
10
1
10^{-1}
0
50
100
150
200
250
SCH[54]-TOF[21] SFTX Segment

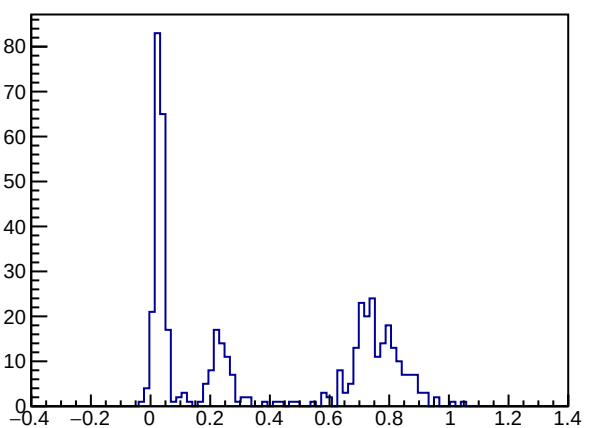

Counts
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[54]-TOF[21] Missing Mass [Gev/cc]

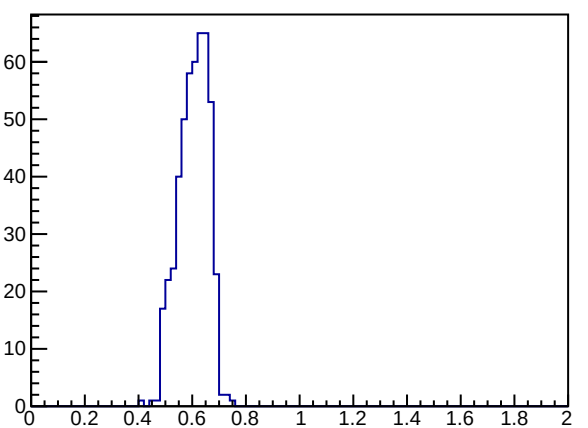

90
80
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

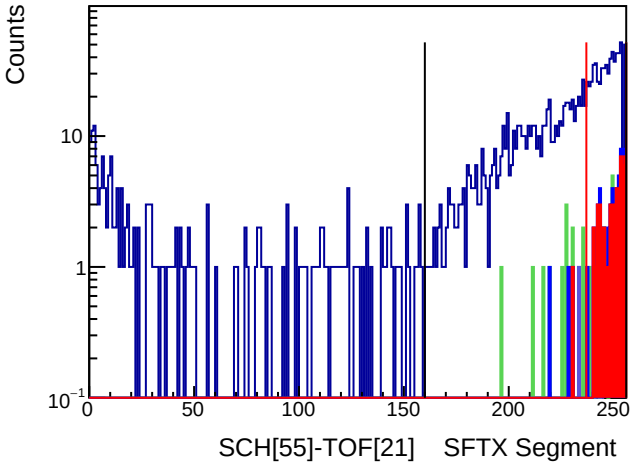

220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

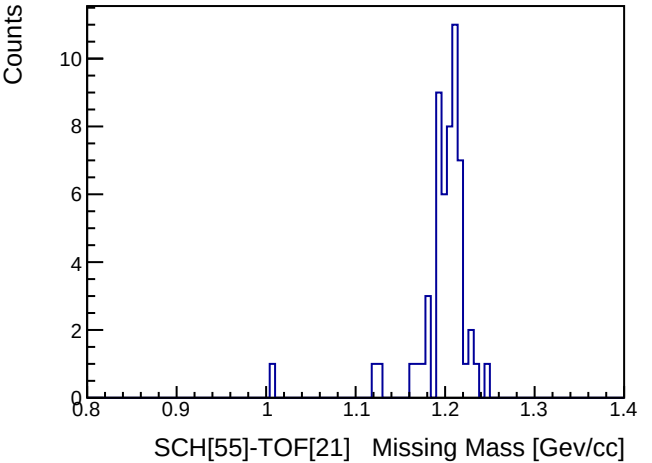

Counts
SCH[55]-TOF[20] SFTX Segment

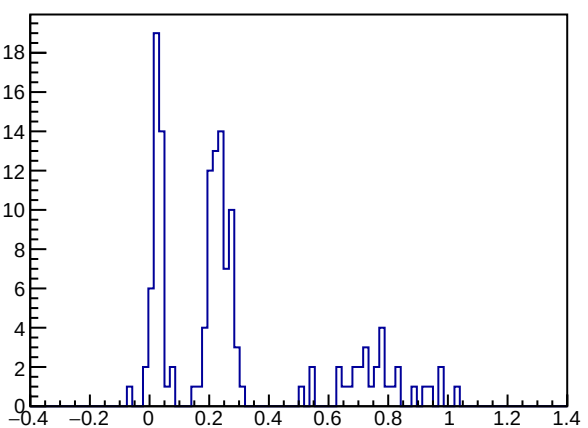

Counts
SCH[55]-TOF[20] Missing Mass [Gev/cc]

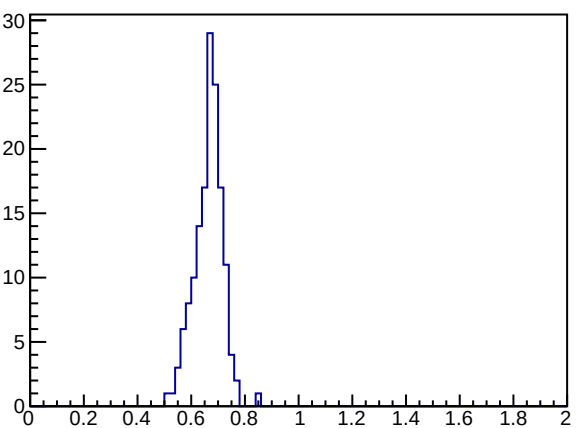


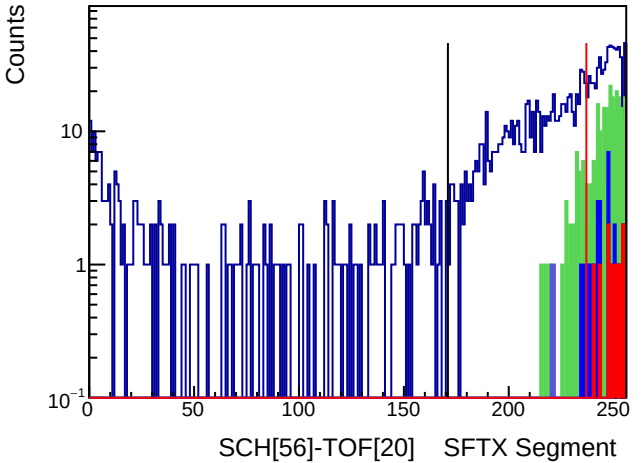


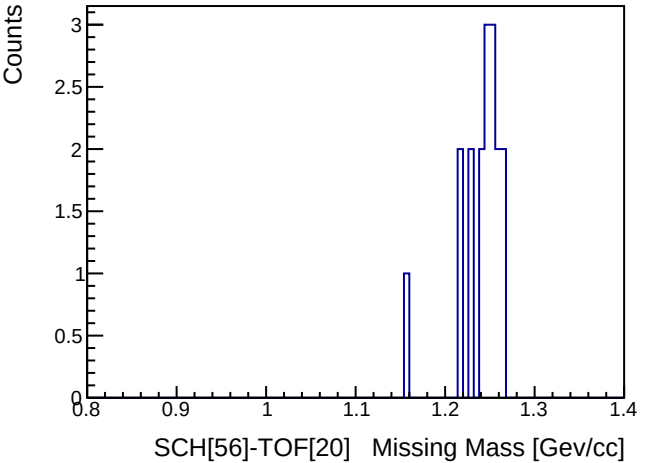

Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[55]-TOF[21] SFTX Segment

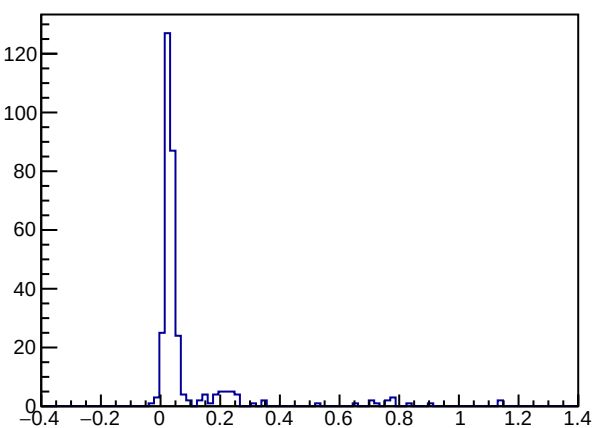

Counts
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[55]-TOF[21] Missing Mass [Gev/cc]

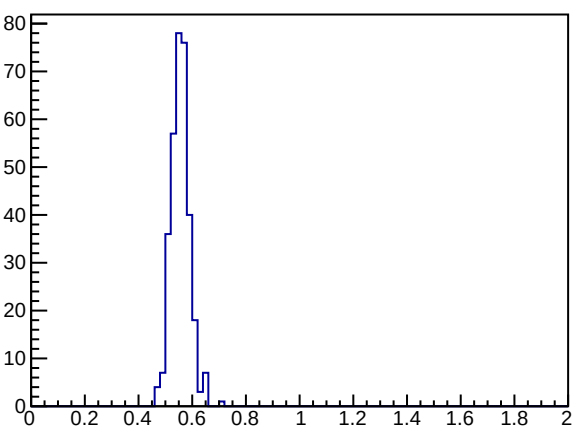

18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

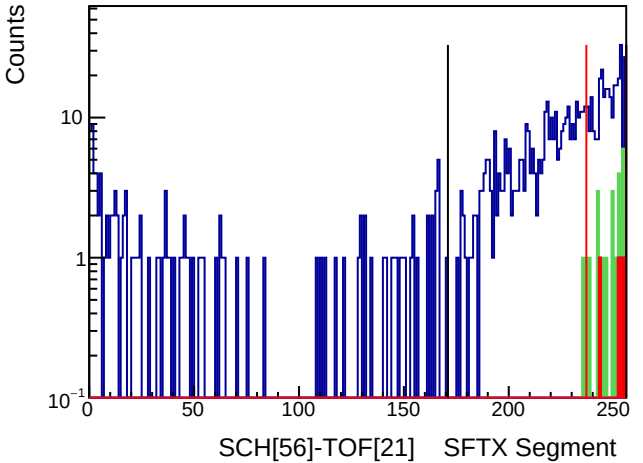

30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

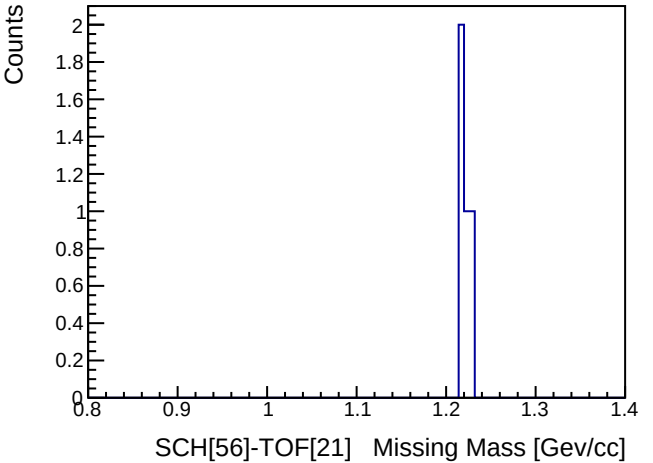

Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[56]-TOF[20] SFTX Segment

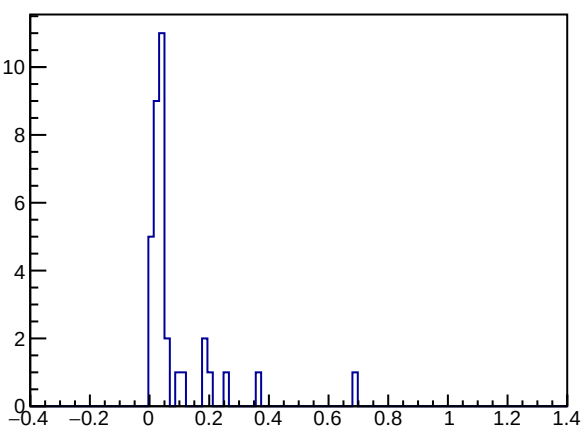

Counts
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[56]-TOF[20] Missing Mass [Gev/cc]

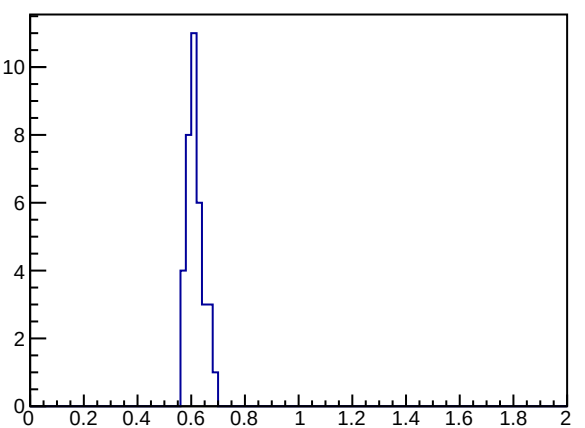

120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

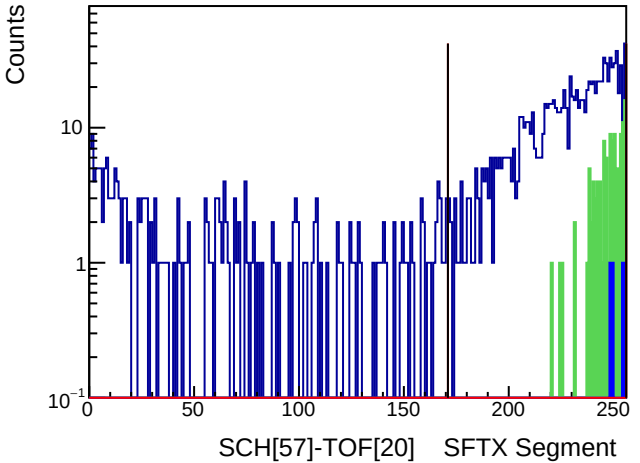

80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

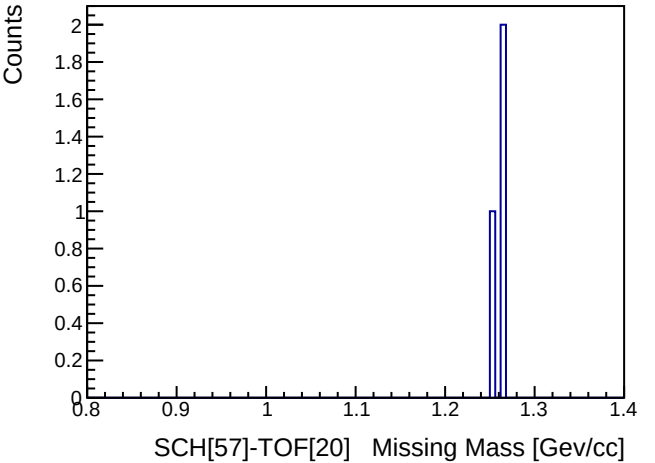

Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[56]-TOF[21] SFTX Segment

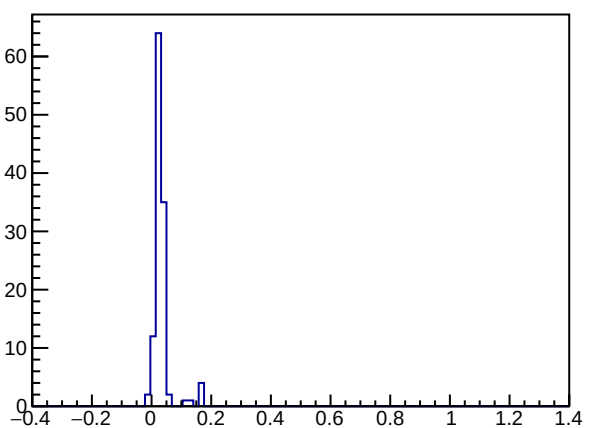

Counts
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[56]-TOF[21] Missing Mass [Gev/cc]

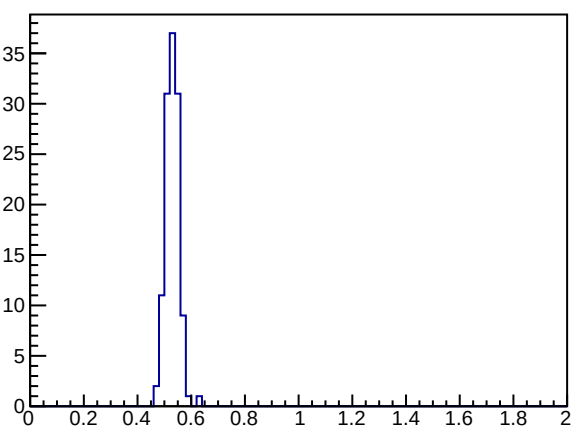

10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

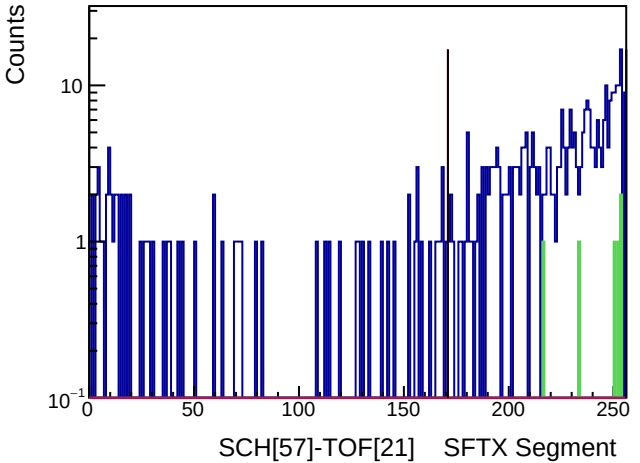

10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

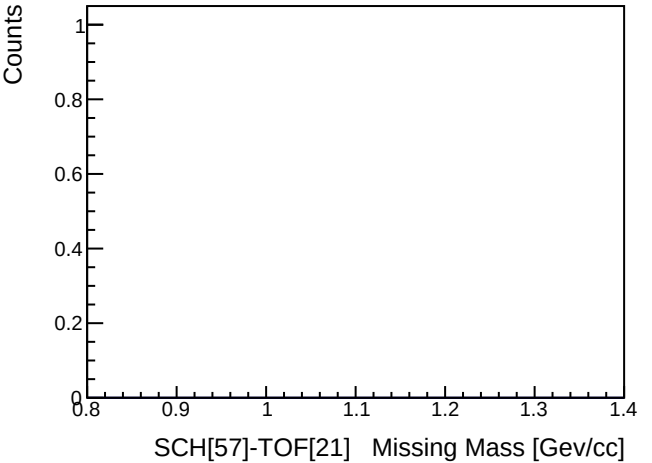

Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[57]-TOF[20] SFTX Segment

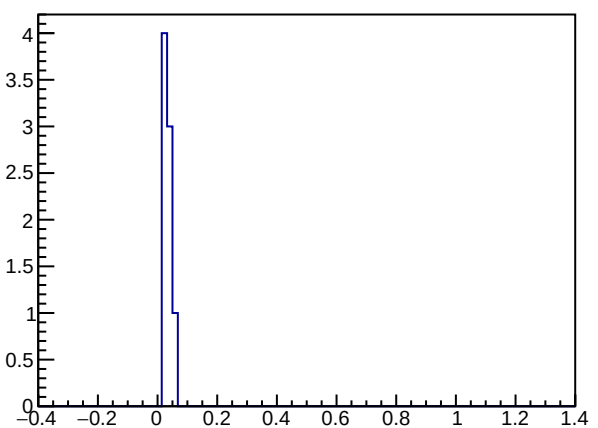

Counts
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[57]-TOF[20] Missing Mass [Gev/cc]

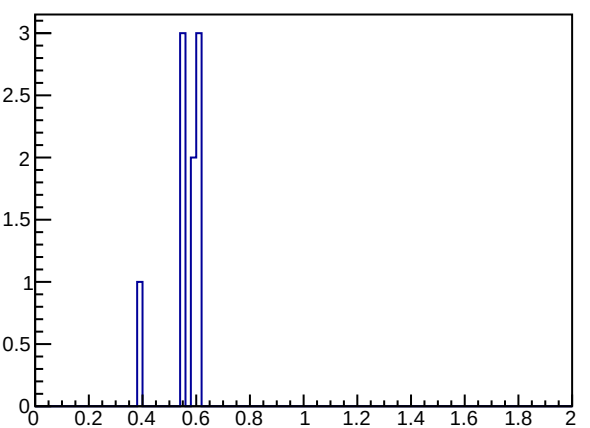

60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
10
1
10^{-1}
0
50
100
150
200
250
SCH[57]-TOF[21] SFTX Segment


Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
SCH[57]-TOF[21] Missing Mass [Gev/cc]


4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2