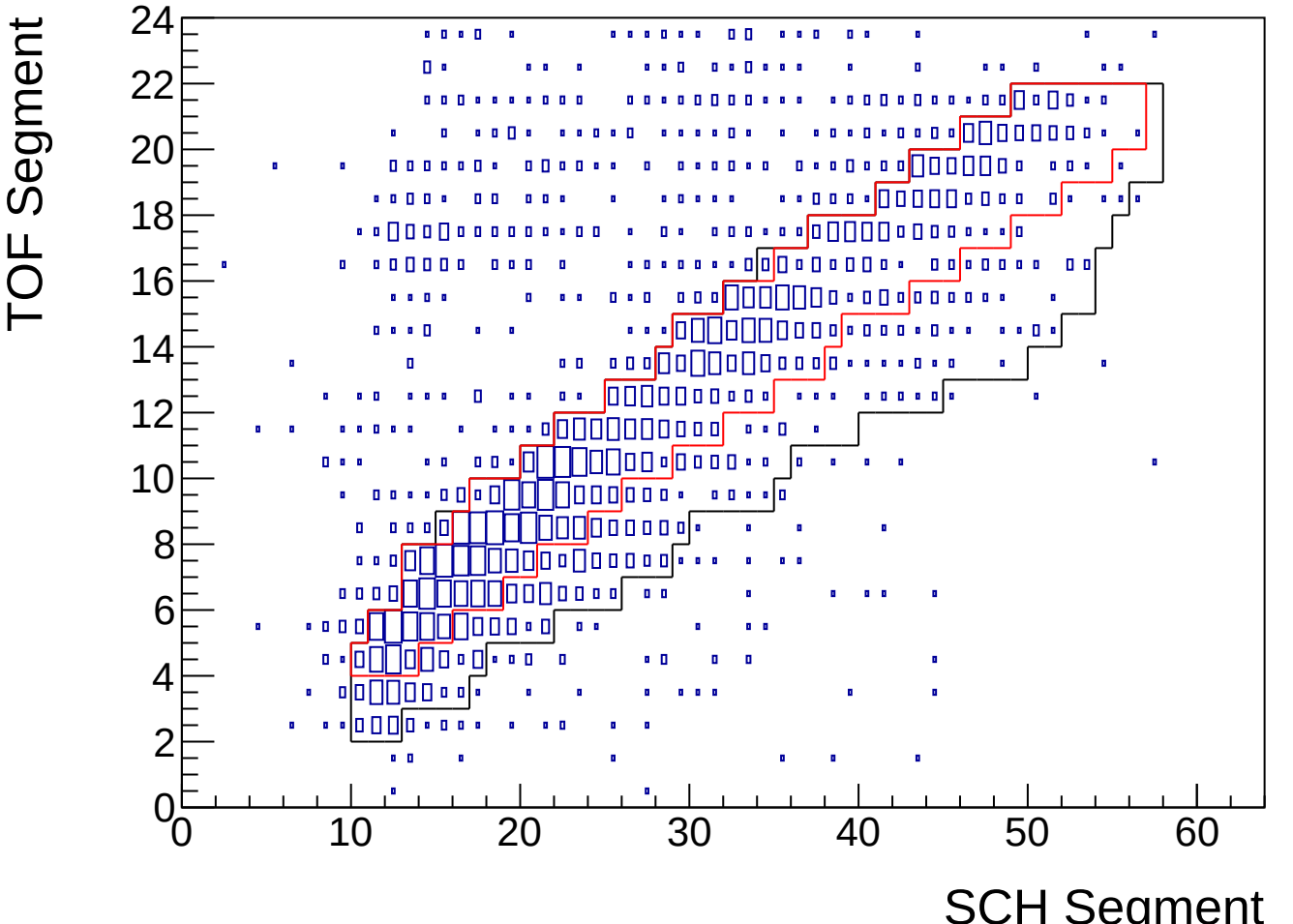
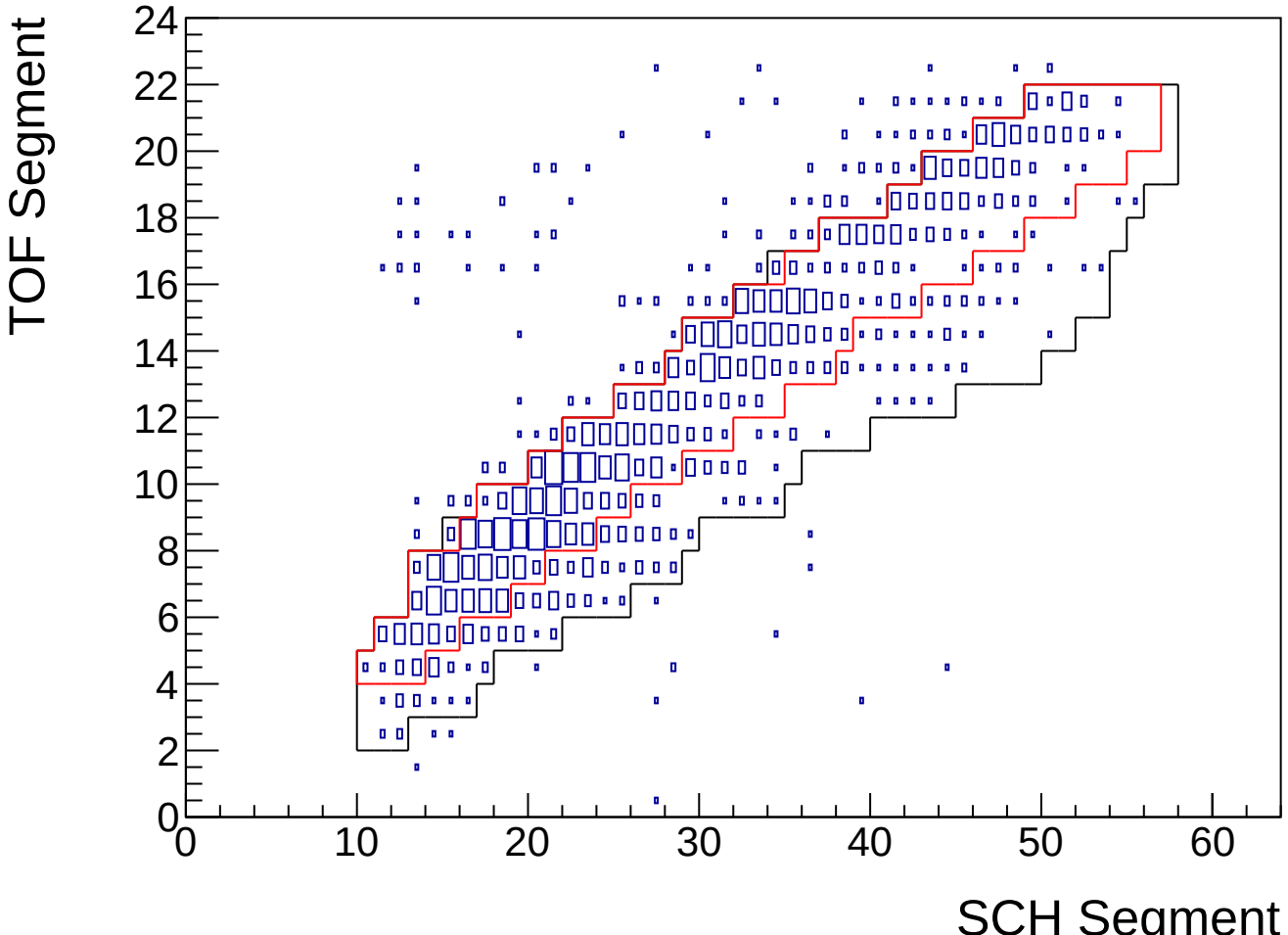
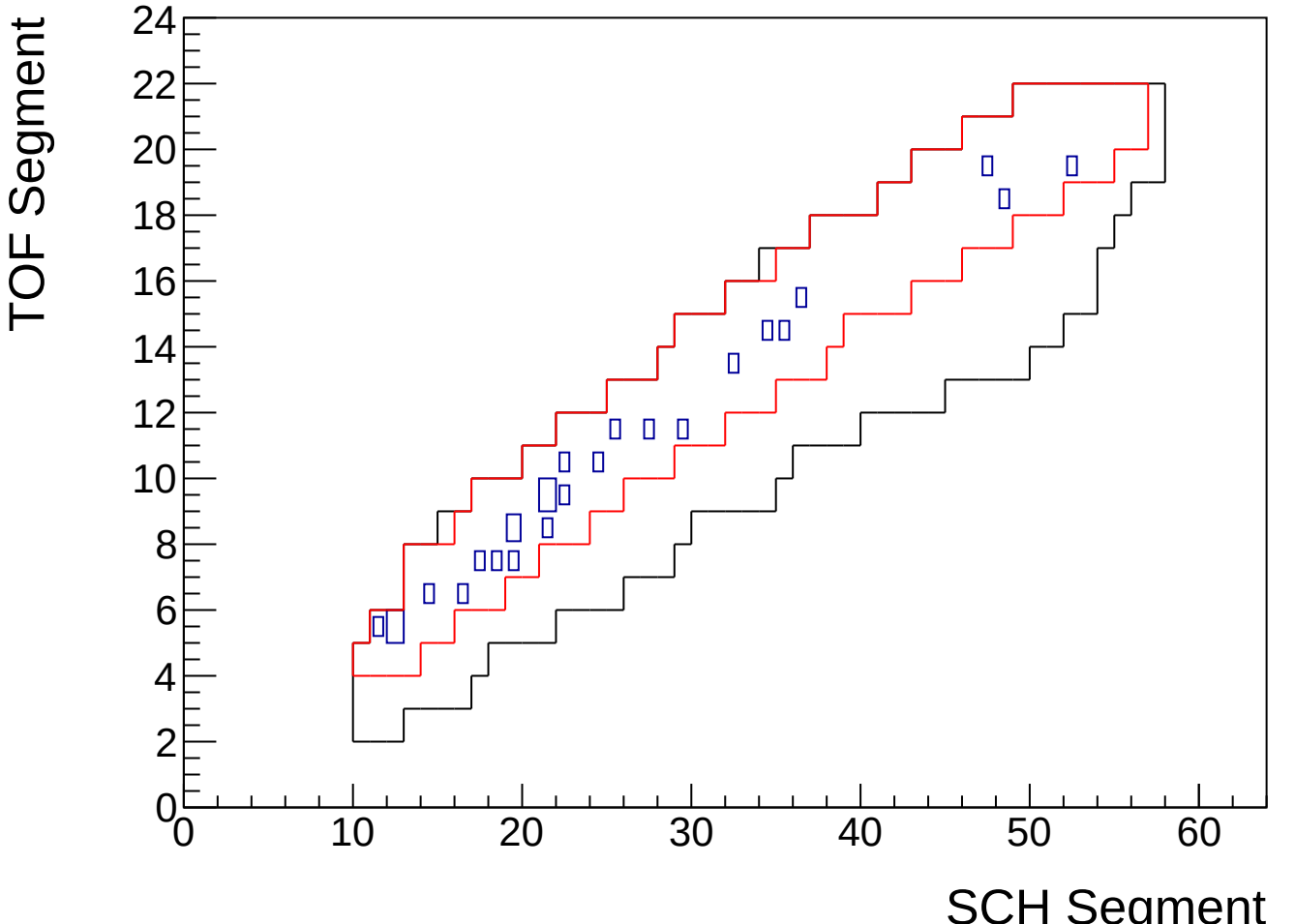
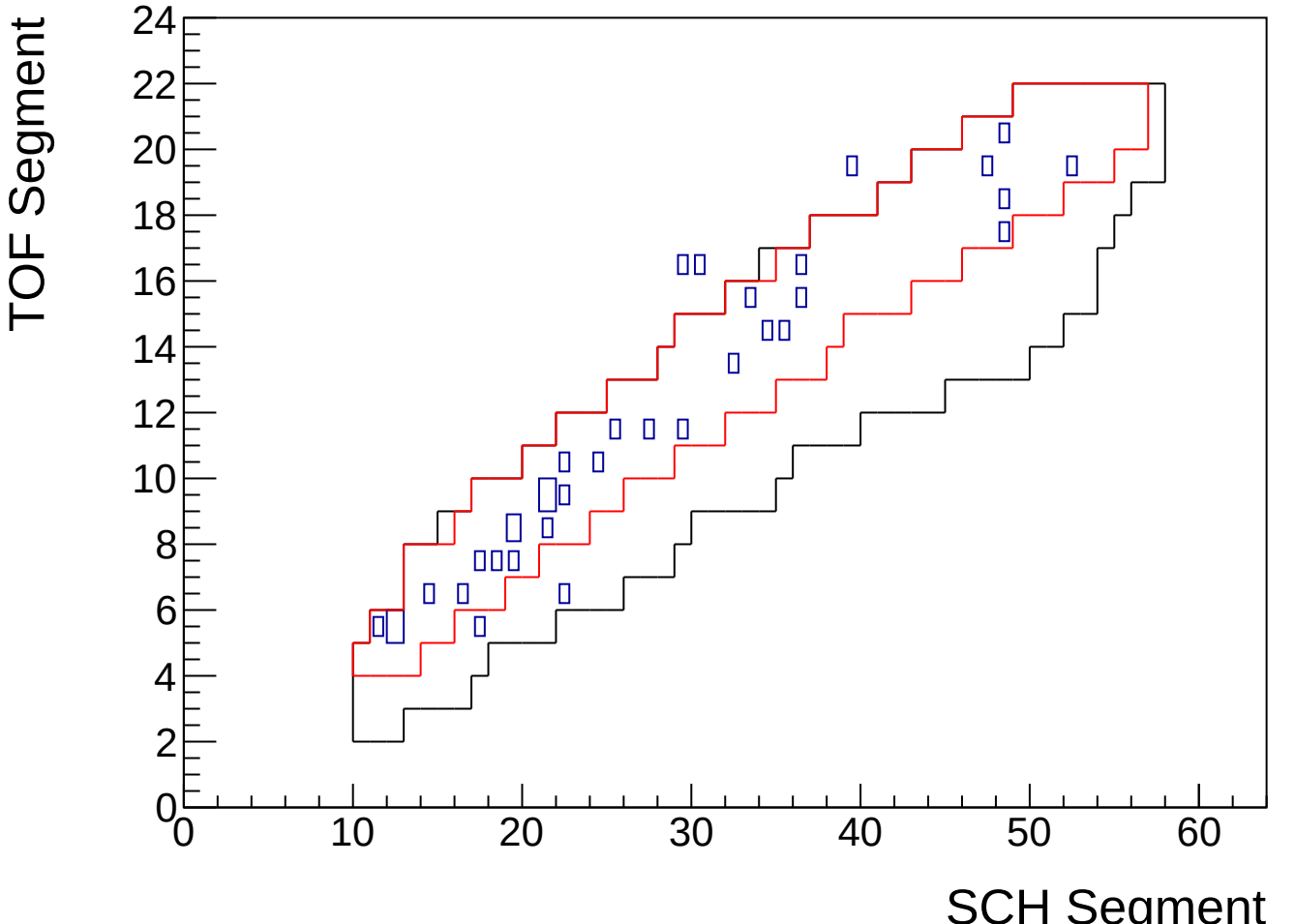
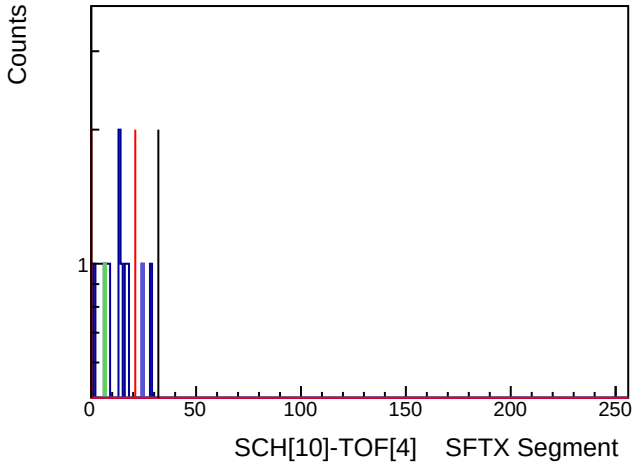
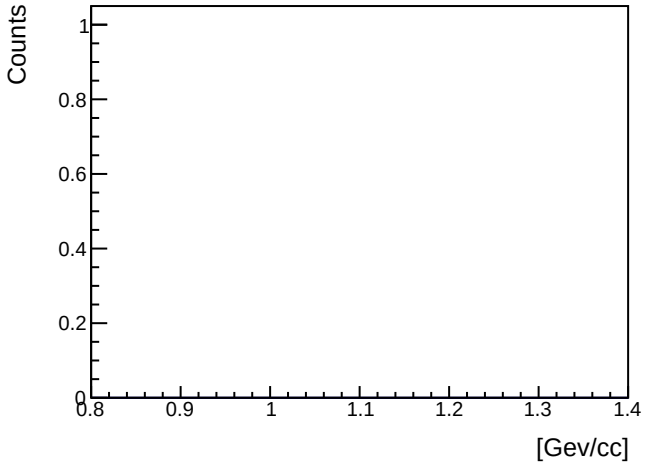

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

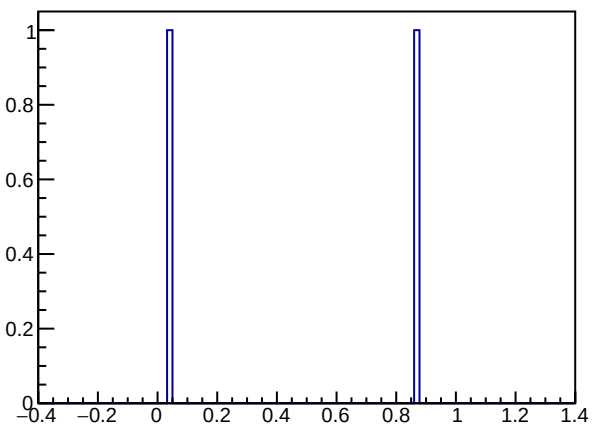

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

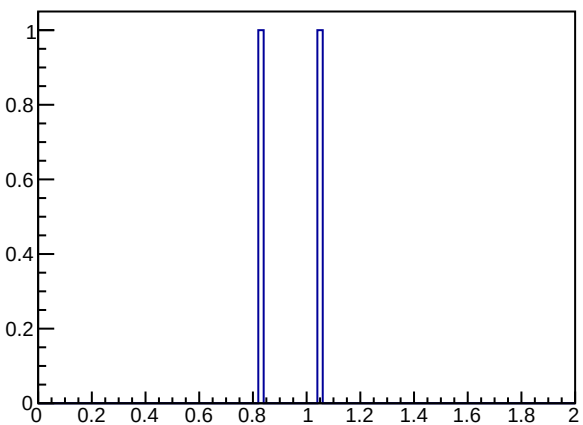

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

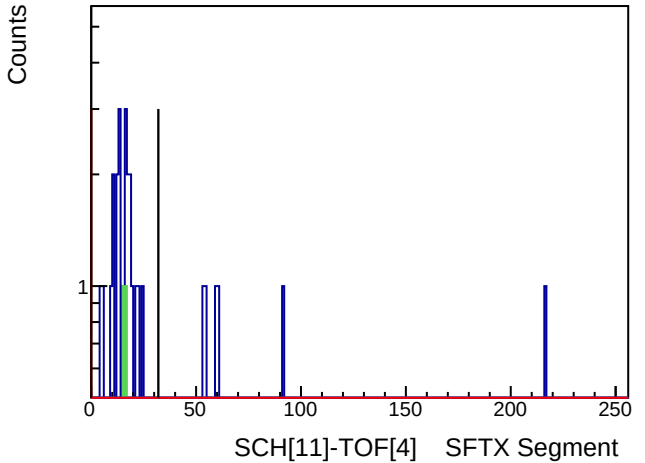

TOF Segment
SCH Segment
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

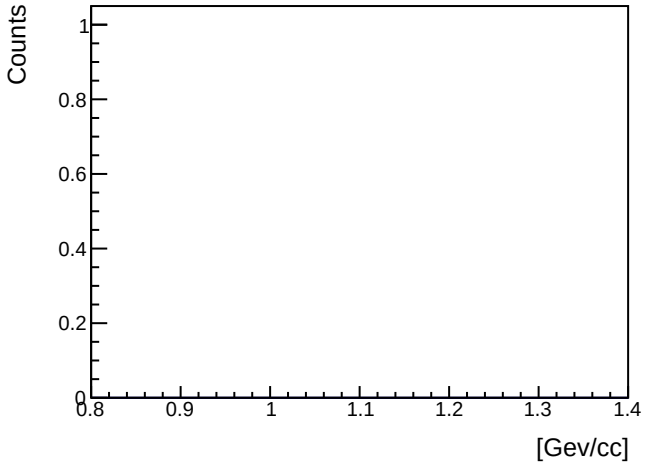

Counts
1
0
50
100
150
200
250
SCH[10]-TOF[4] SFTX Segment

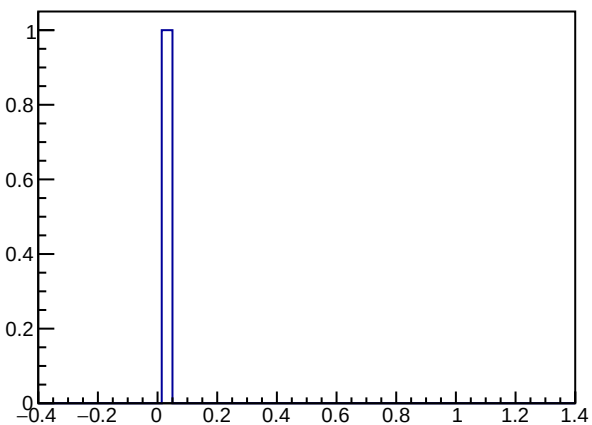

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

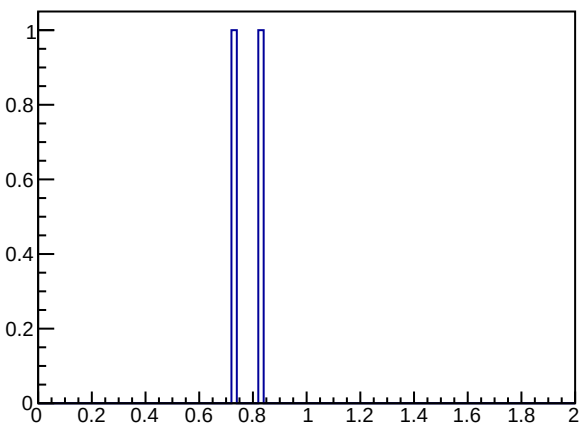

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

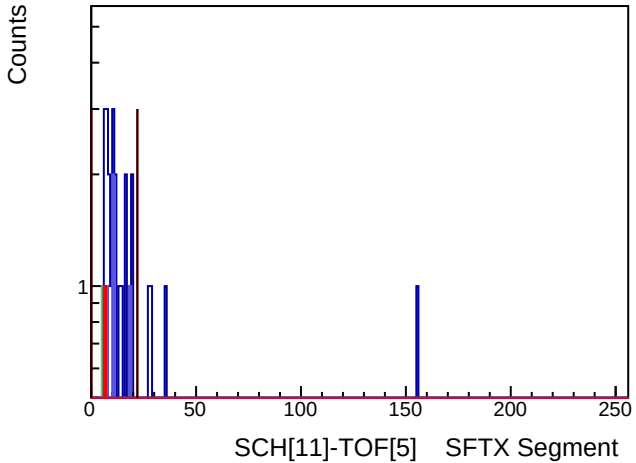

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

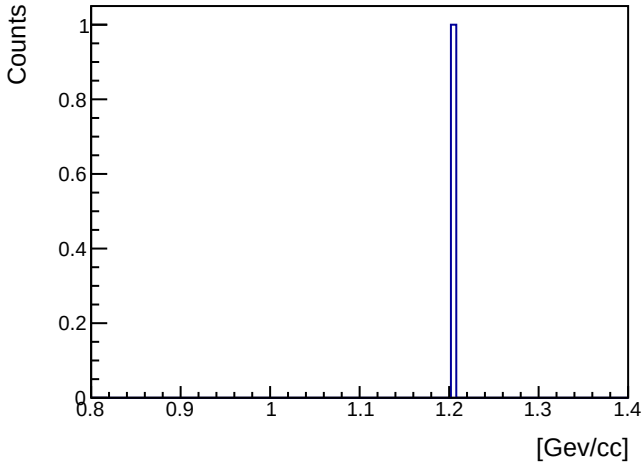

Counts
1
0
50
100
150
200
250
SCH[11]-TOF[4] SFTX Segment

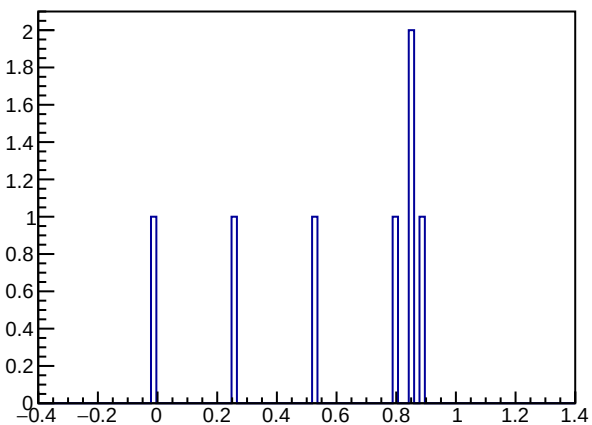

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

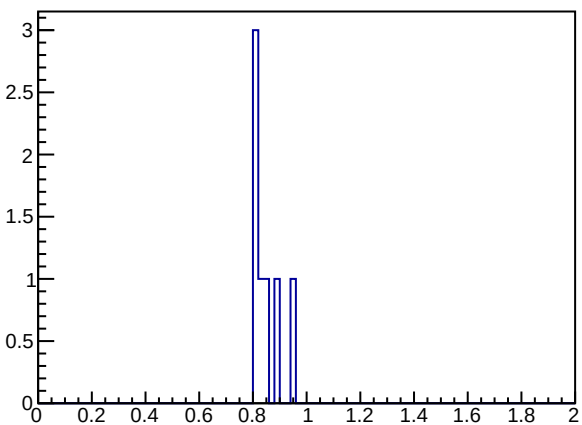

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

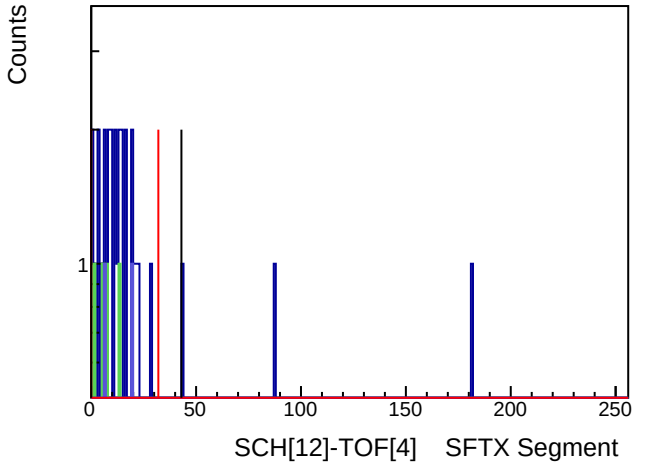

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

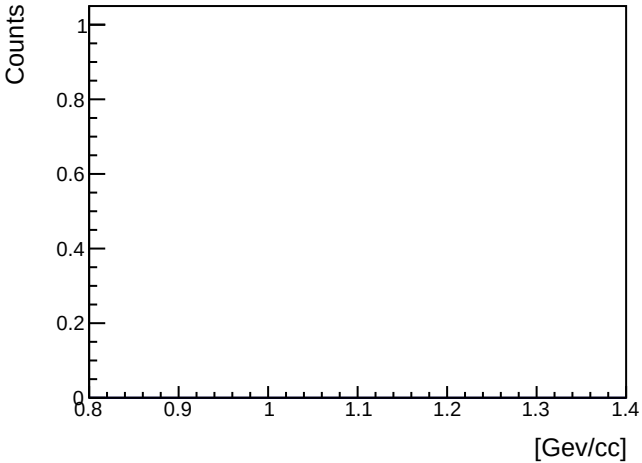

Counts
1
0
50
100
150
200
250
SCH[11]-TOF[5] SFTX Segment

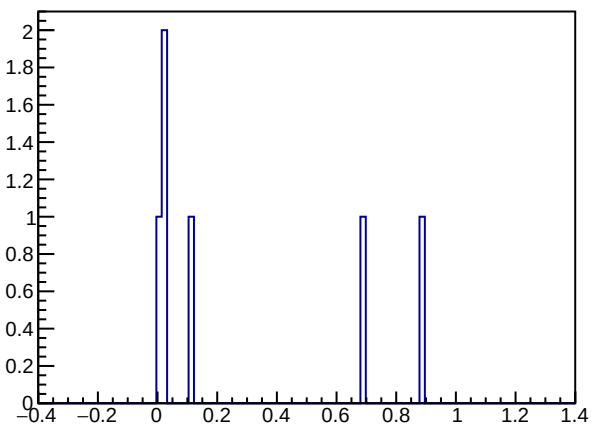

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

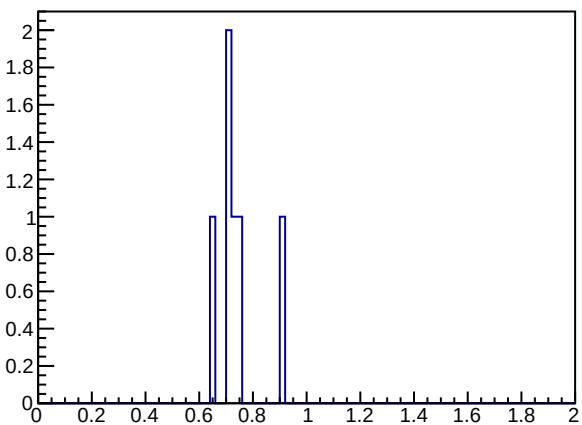

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

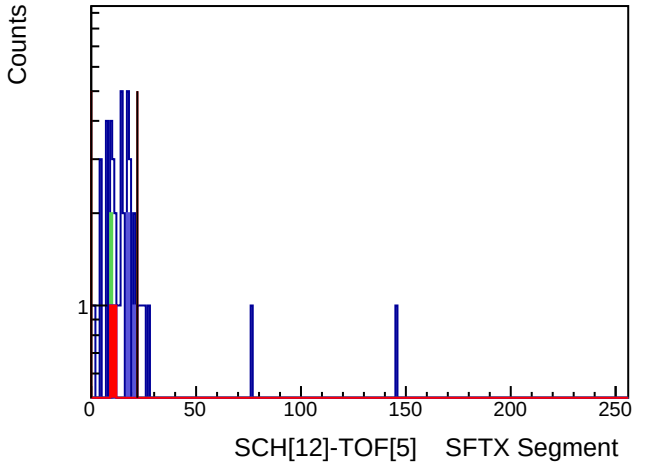

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

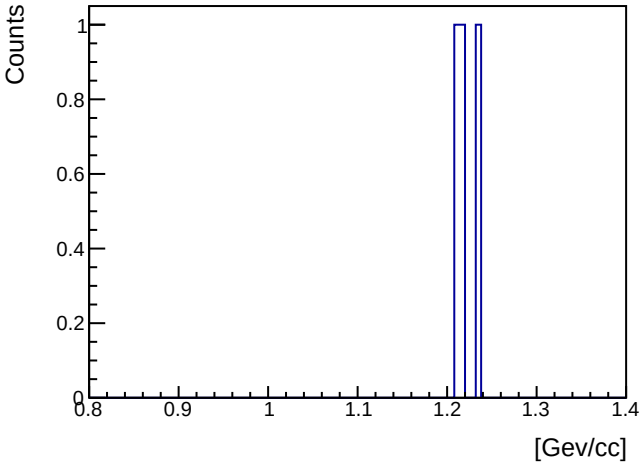

Counts
1
0
50
100
150
200
250
SCH[12]-TOF[4] SFTX Segment

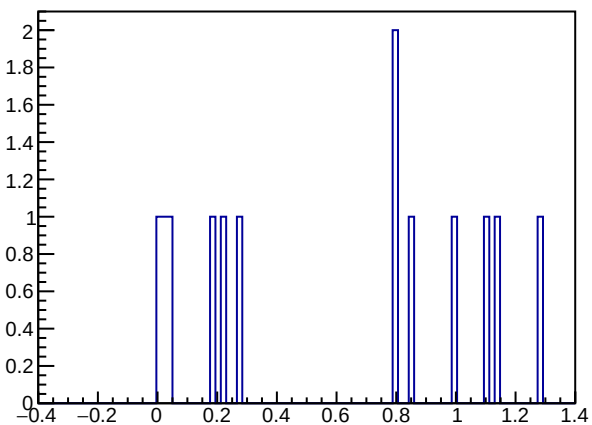

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

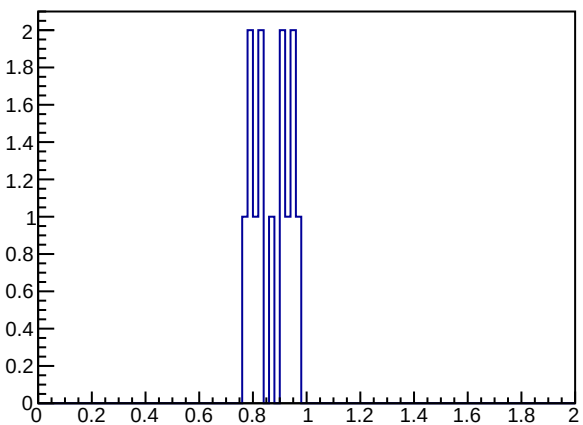

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

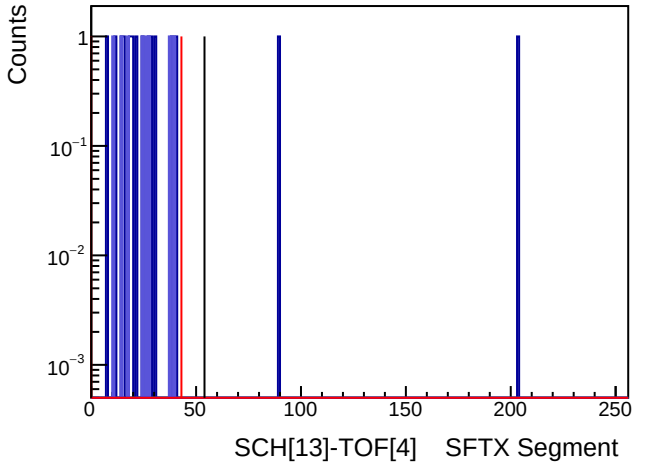

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

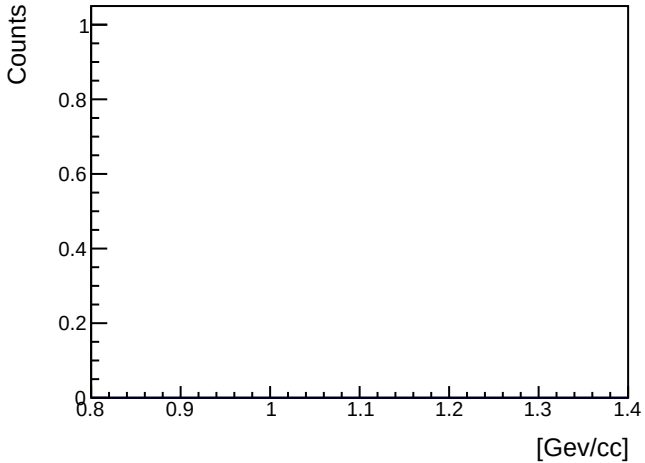

Counts
1
0
50
100
150
200
250
SCH[12]-TOF[5] SFTX Segment

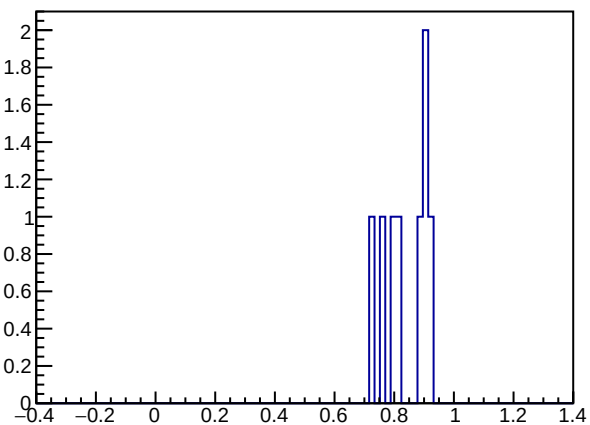

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

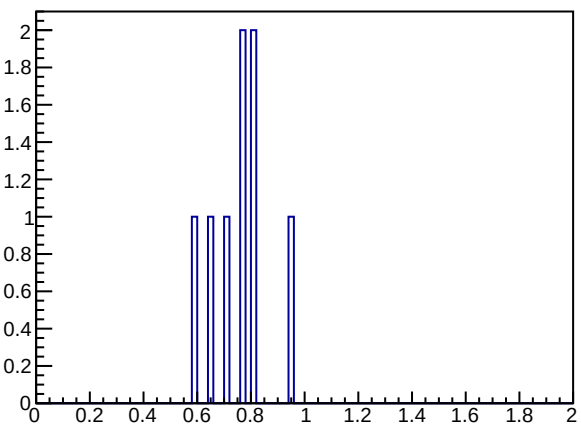

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

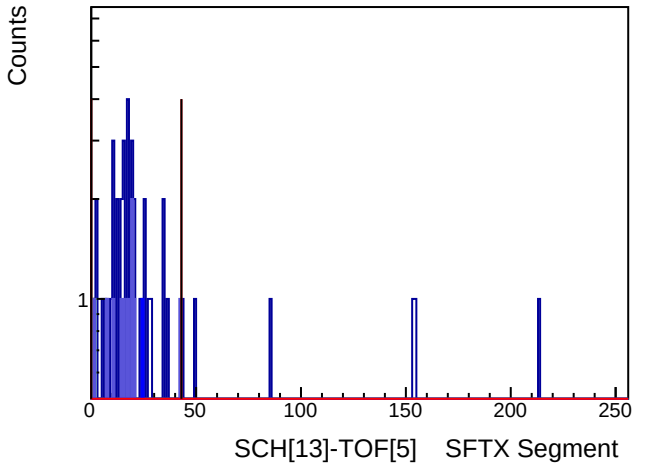

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

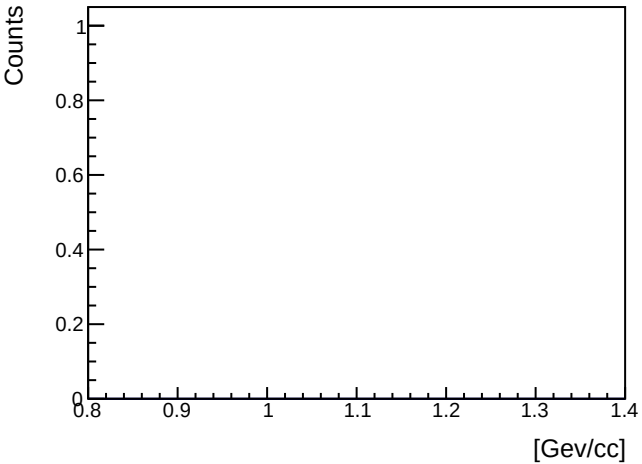

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[13]-TOF[4] SFTX Segment

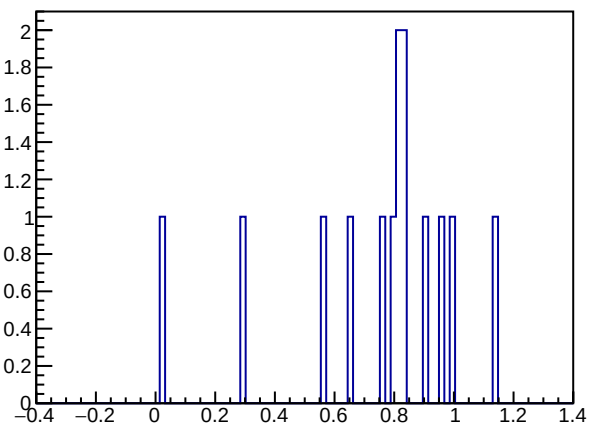

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

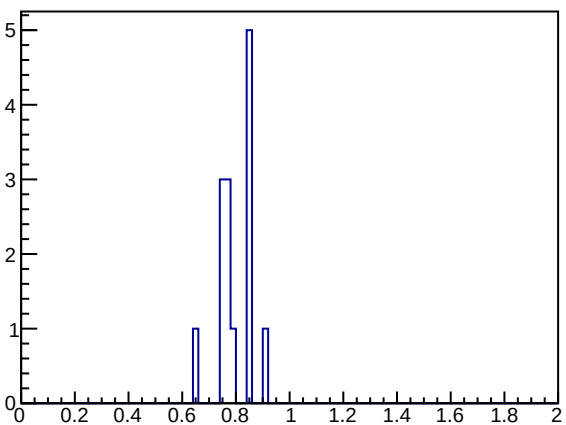

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

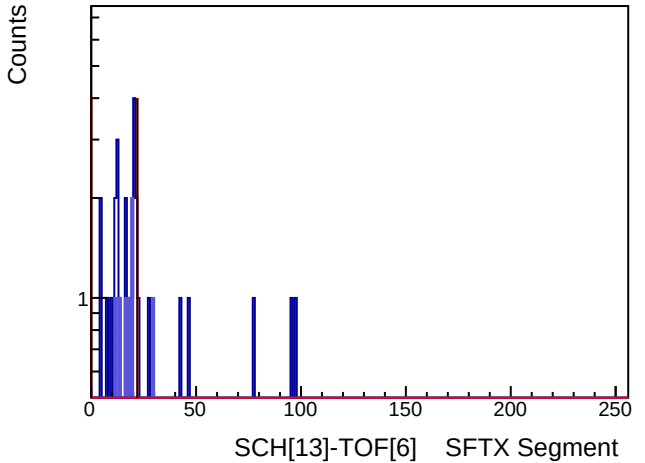

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

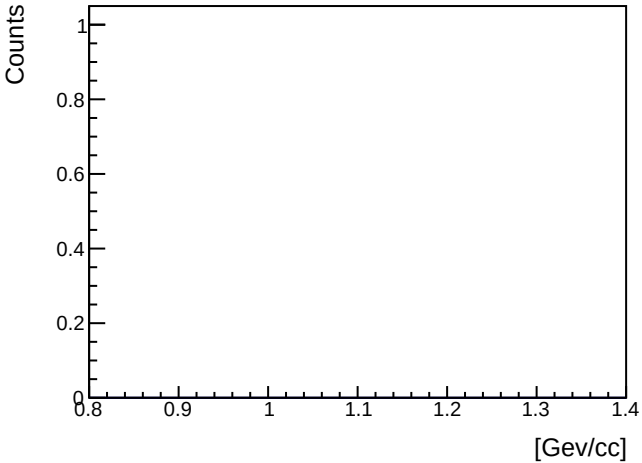

Counts
1
0
50
100
150
200
250
SCH[13]-TOF[5] SFTX Segment

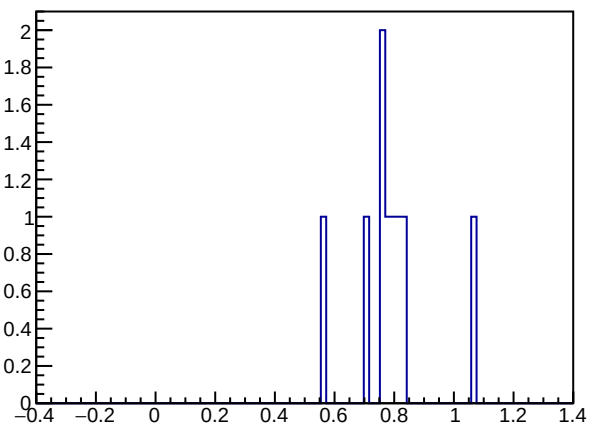

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

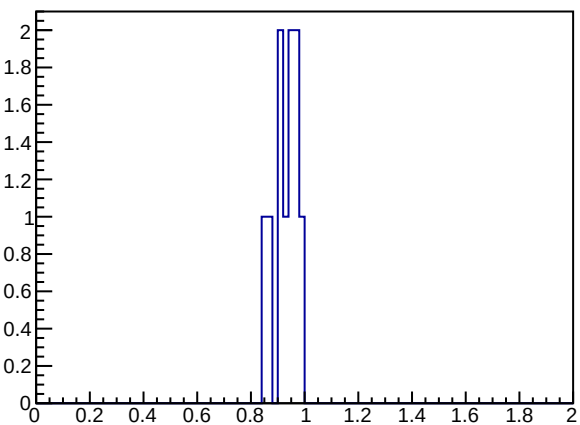

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

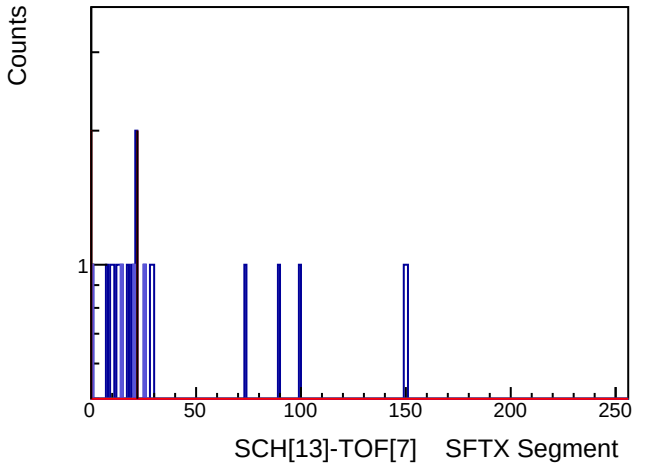

5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

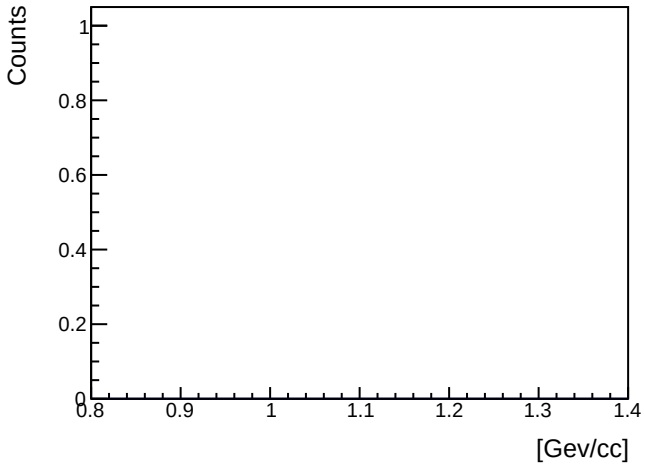

Counts
1
0
50
100
150
200
250
SCH[13]-TOF[6] SFTX Segment

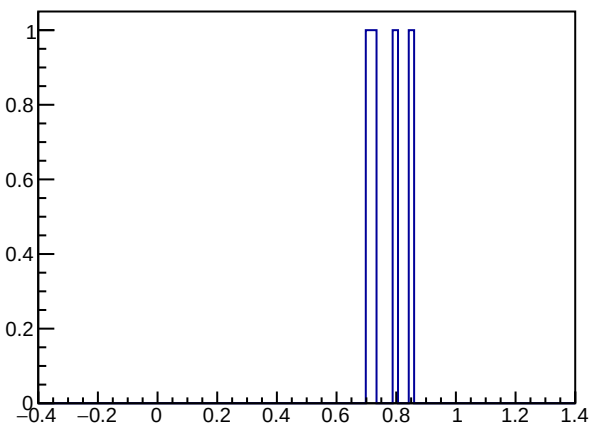

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

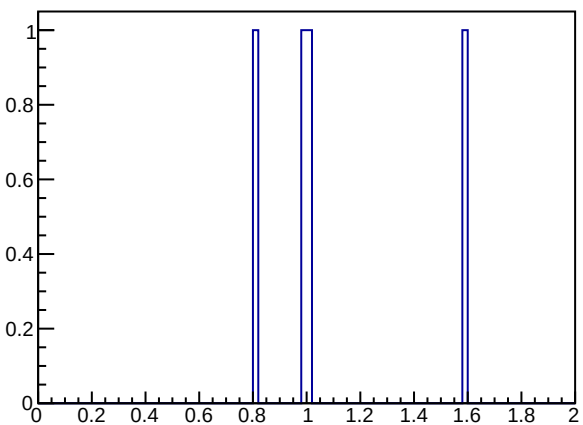

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

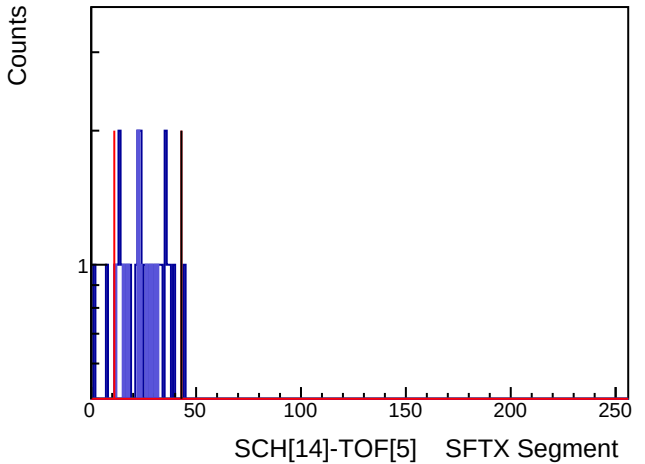

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

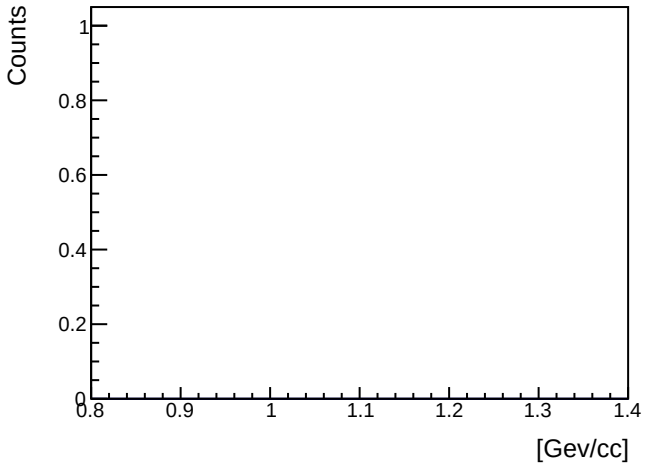

Counts
1
0
50
100
150
200
250
SCH[13]-TOF[7] SFTX Segment

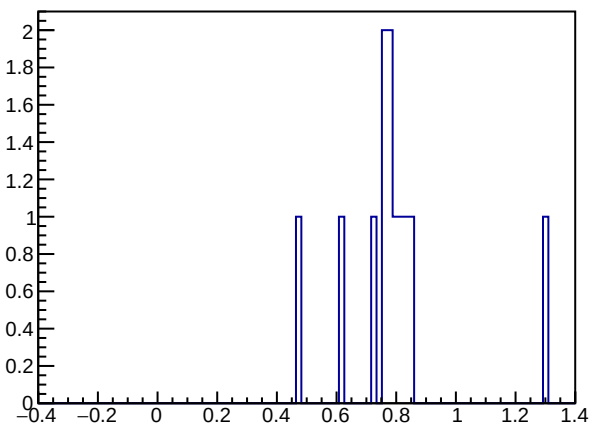

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

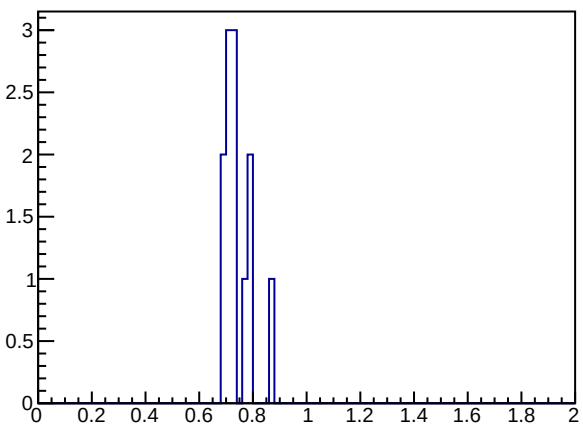

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

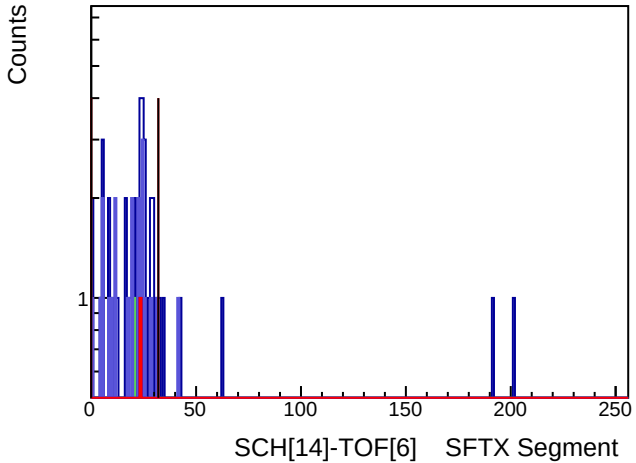

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

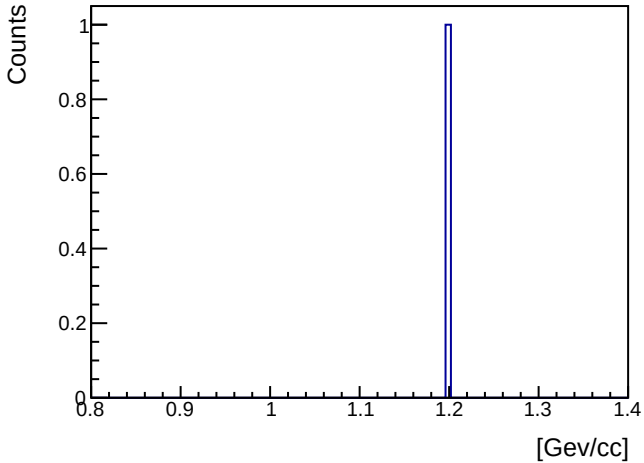

Counts
1
0
50
100
150
200
250
SCH[14]-TOF[5] SFTX Segment

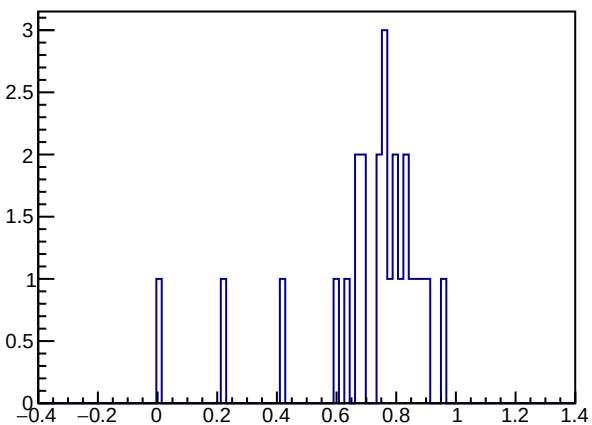

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

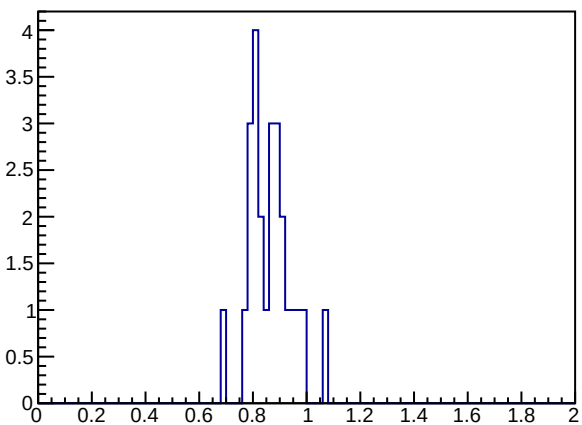

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

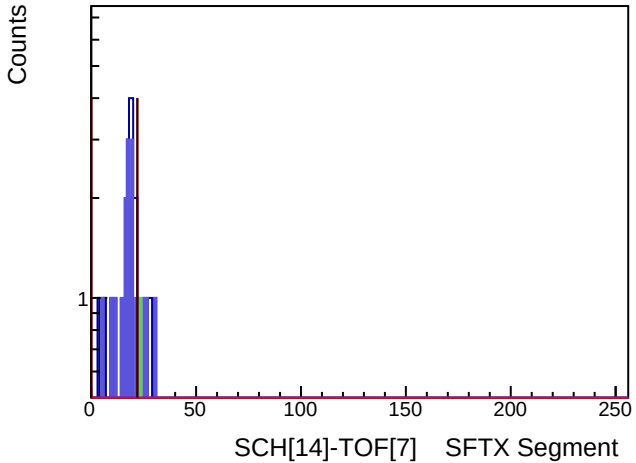

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

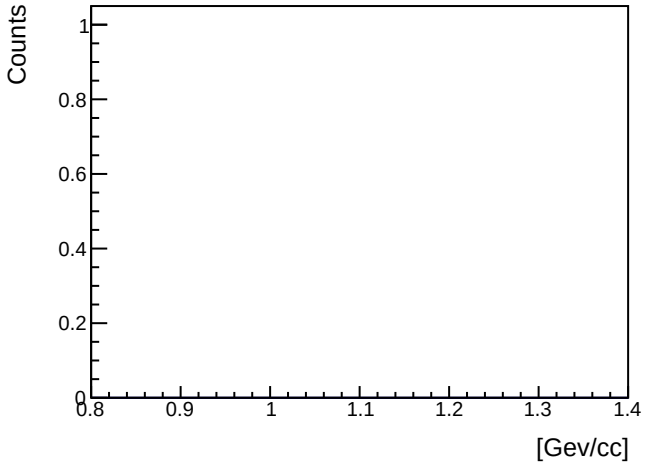

Counts
1
0
50
100
150
200
250
SCH[14]-TOF[6] SFTX Segment

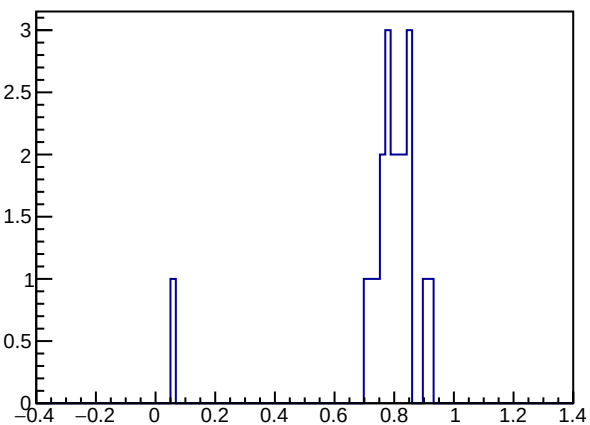

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

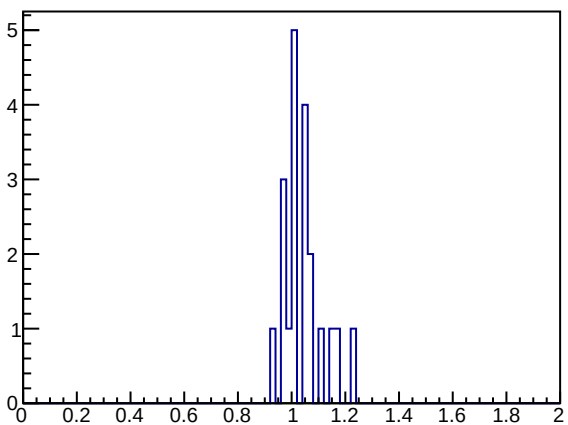

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

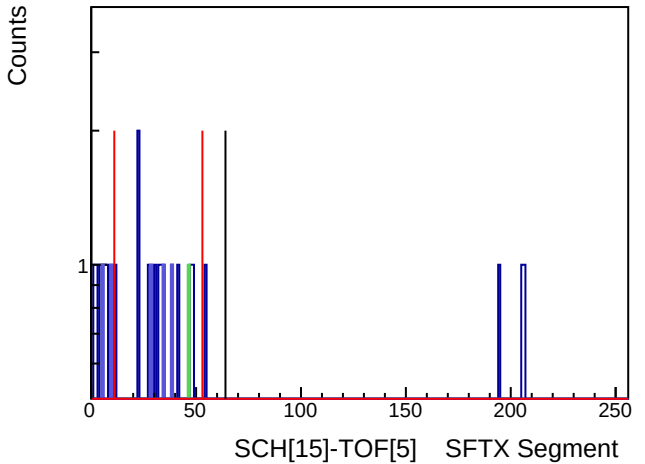

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
1
0
50
100
150
200
250
SCH[14]-TOF[7] 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
[Gev/cc]


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


5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
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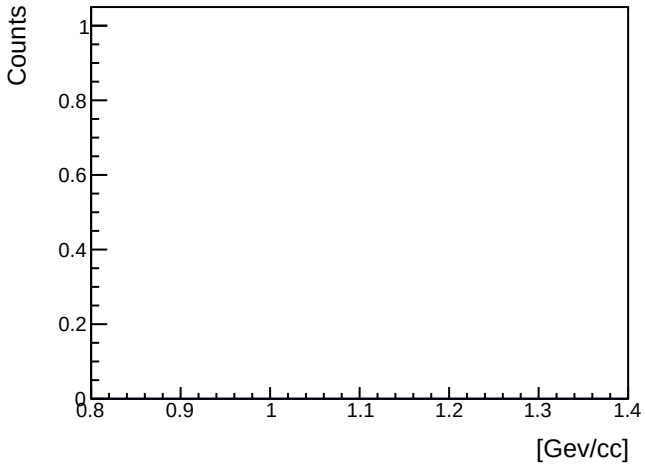
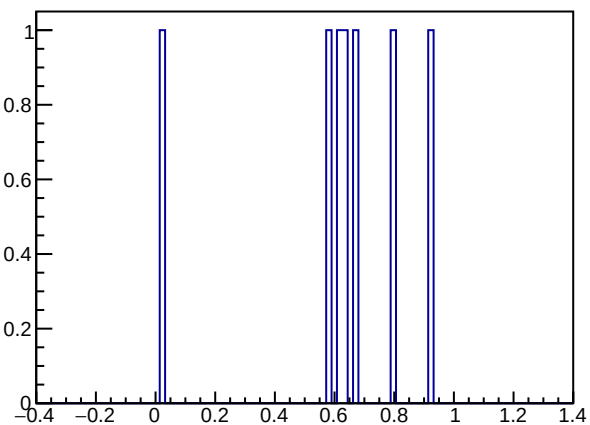
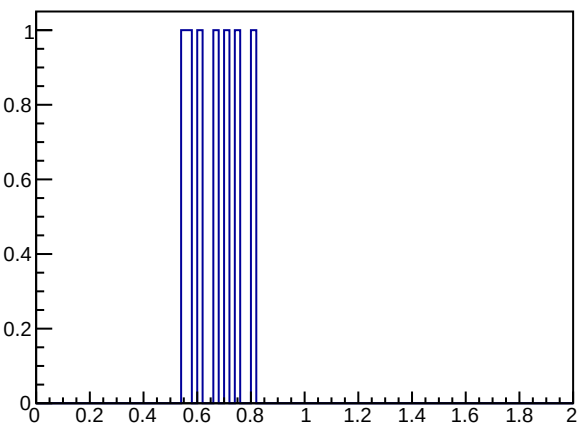
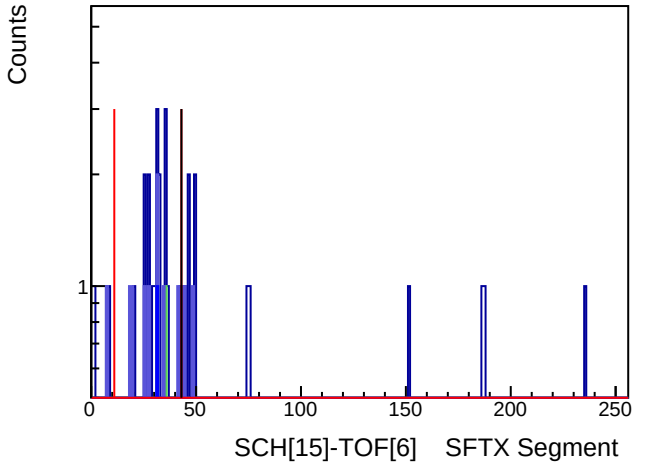
0
50
100
150
200
250
SCH[15]-TOF[5] SFTX Segment


Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]


1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
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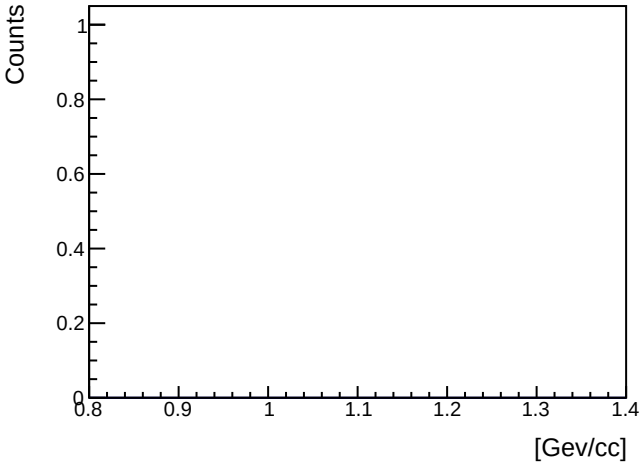
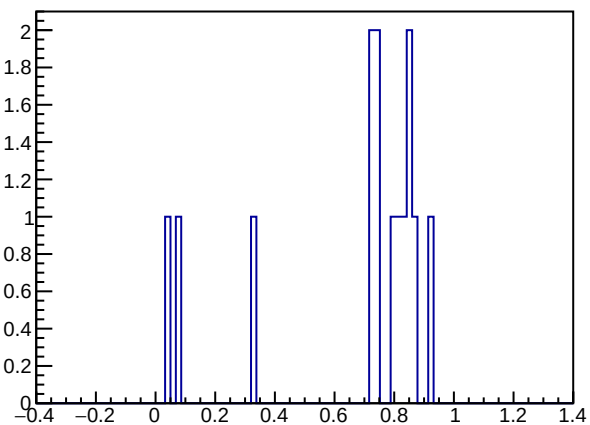
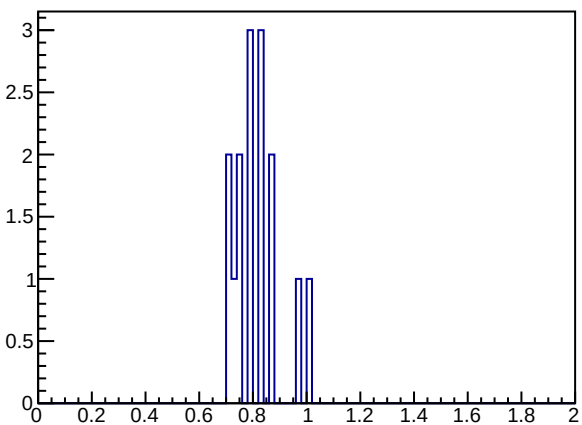
0
50
100
150
200
250
SCH[15]-TOF[6] SFTX Segment


Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]


2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
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
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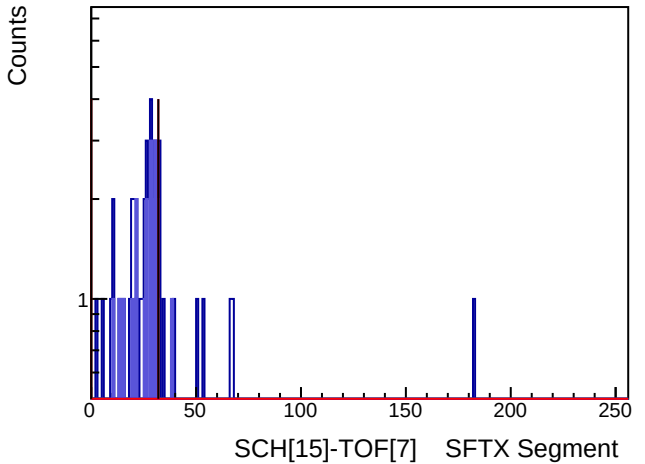
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
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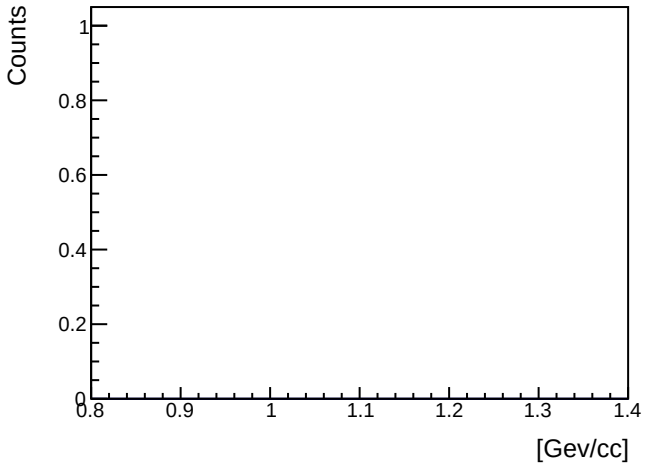
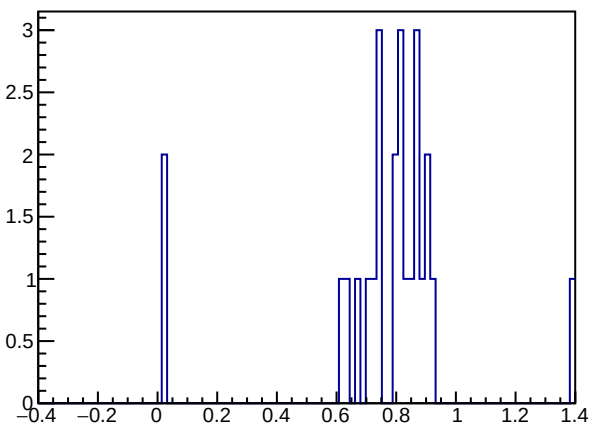
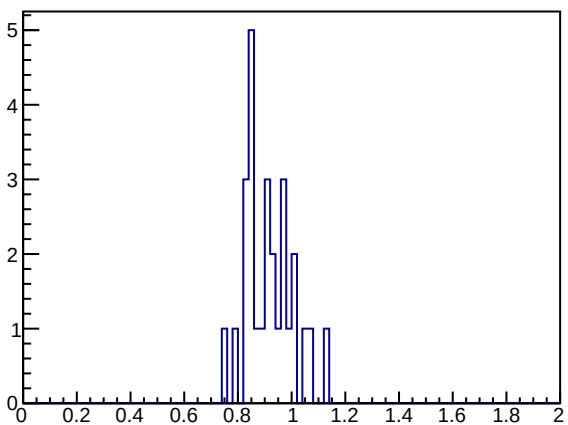
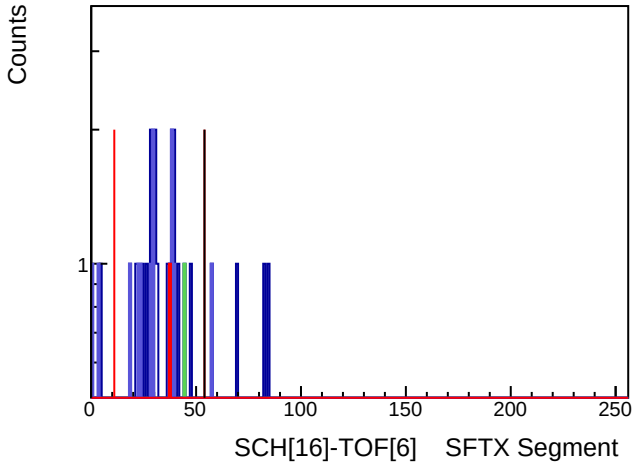
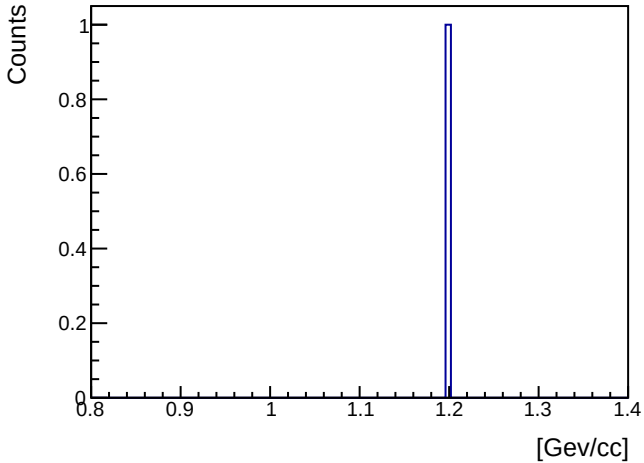
0
50
100
150
200
250
SCH[15]-TOF[7] SFTX Segment

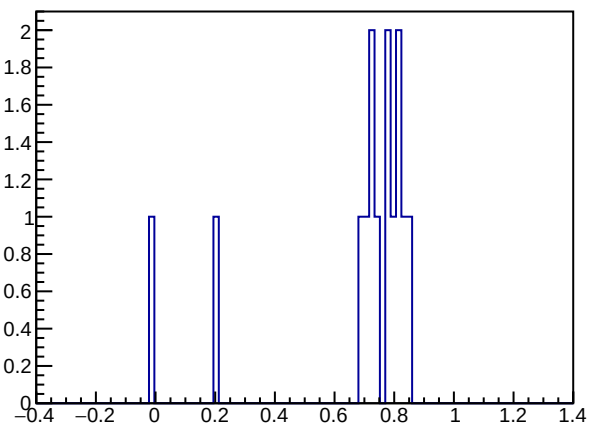

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

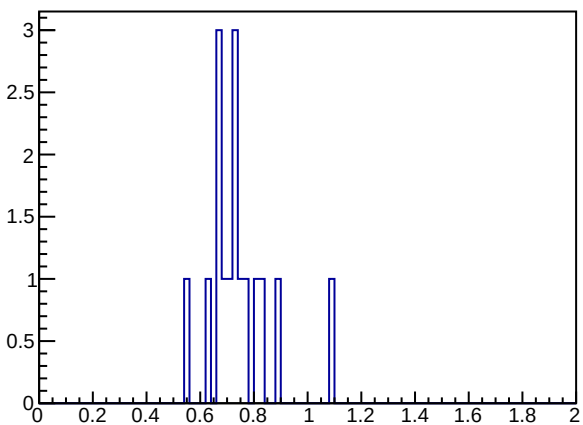

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

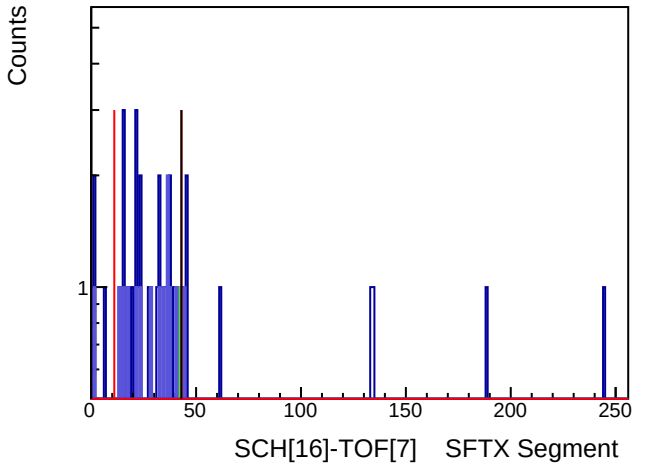

5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

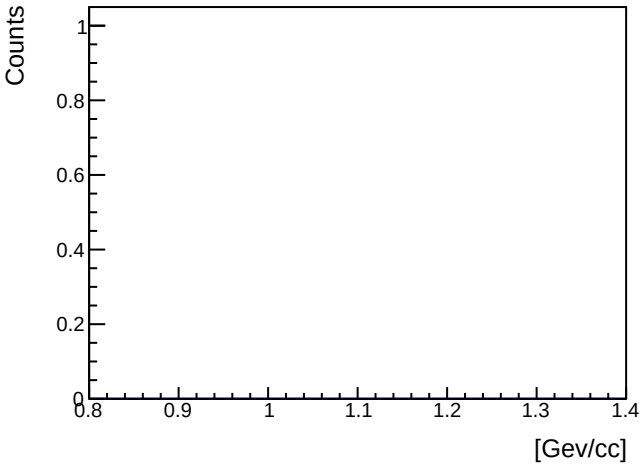

Counts
1
0
50
100
150
200
250
SCH[16]-TOF[6] SFTX Segment

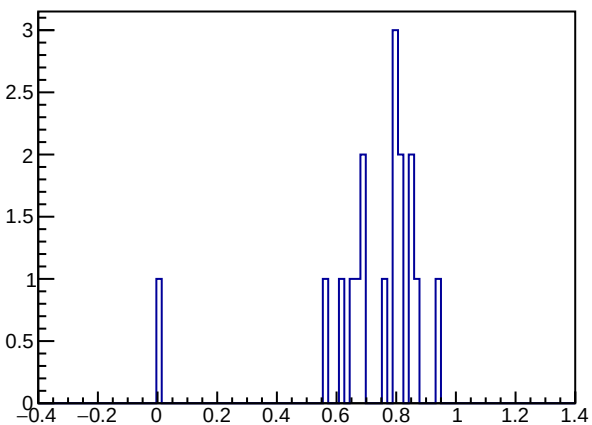

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

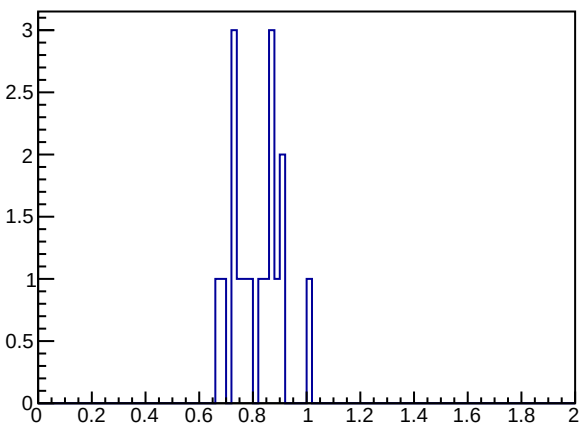

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

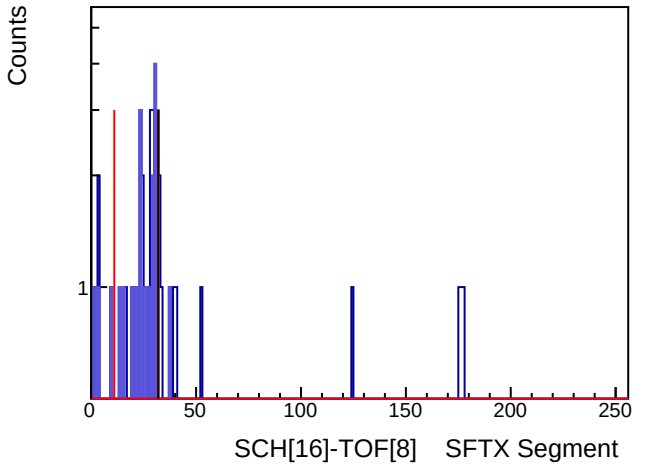

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

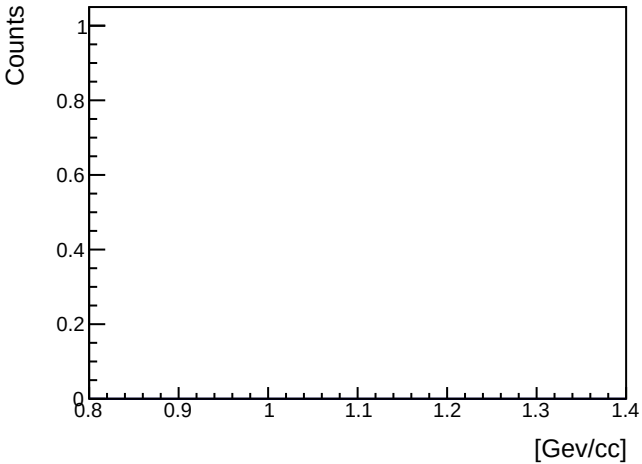

Counts
1
0
50
100
150
200
250
SCH[16]-TOF[7] SFTX Segment

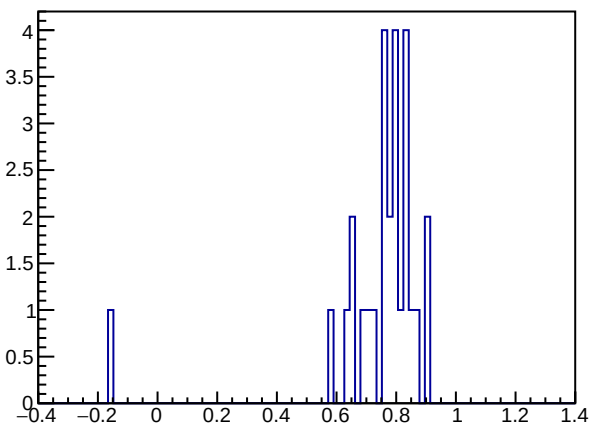

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

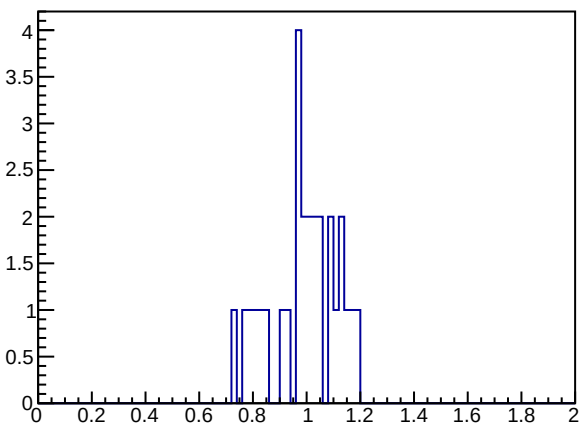

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

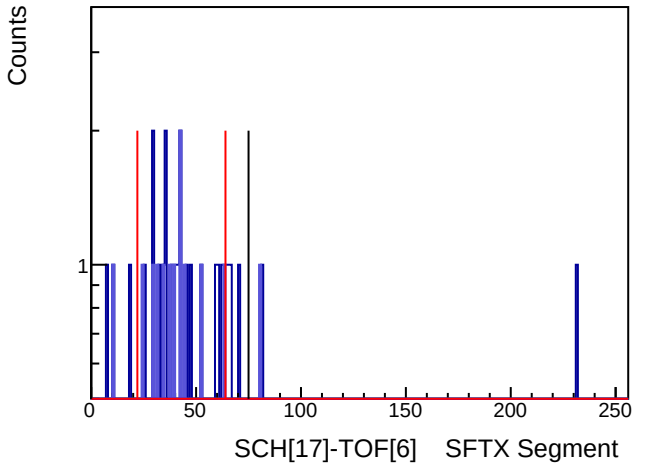

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

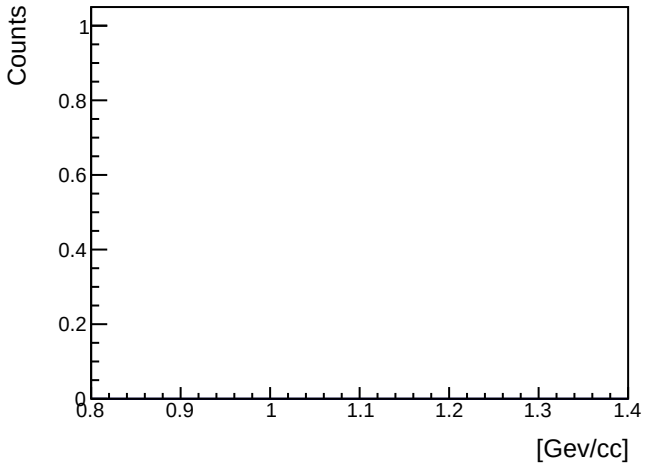

Counts
1
0
50
100
150
200
250
SCH[16]-TOF[8] SFTX Segment

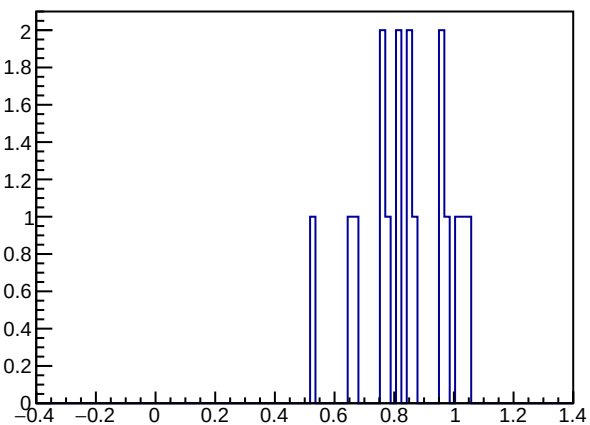

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

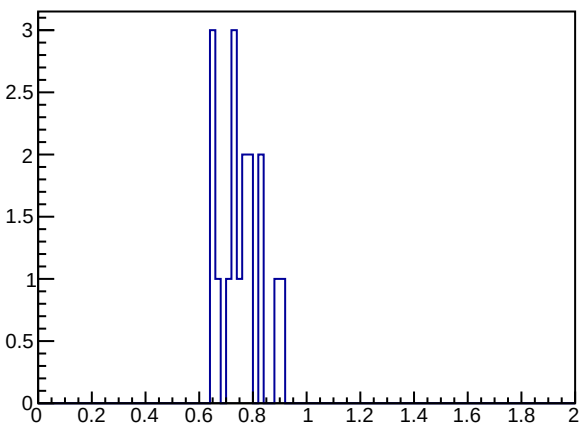

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

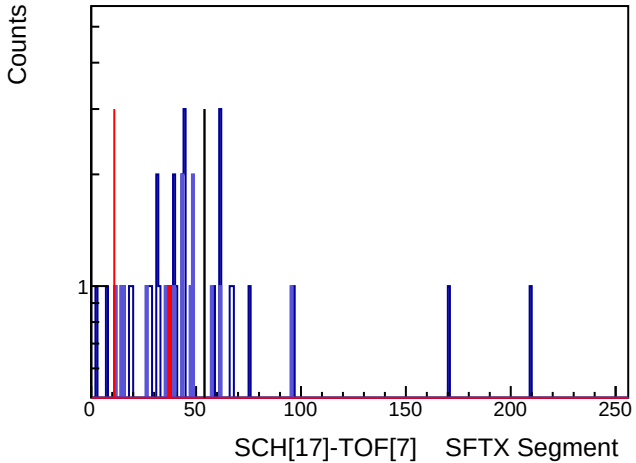

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

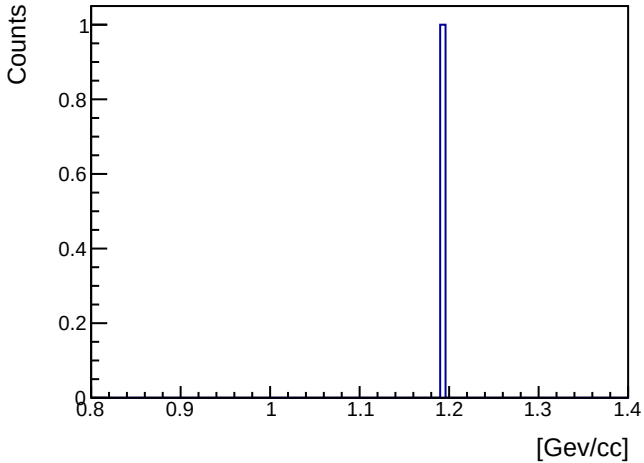

Counts
1
0
50
100
150
200
250
SCH[17]-TOF[6] SFTX Segment

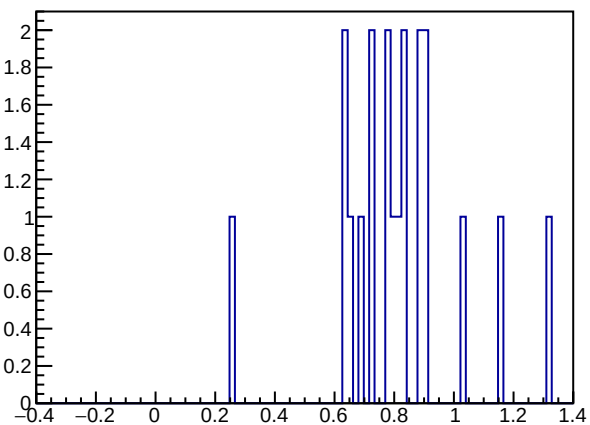

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

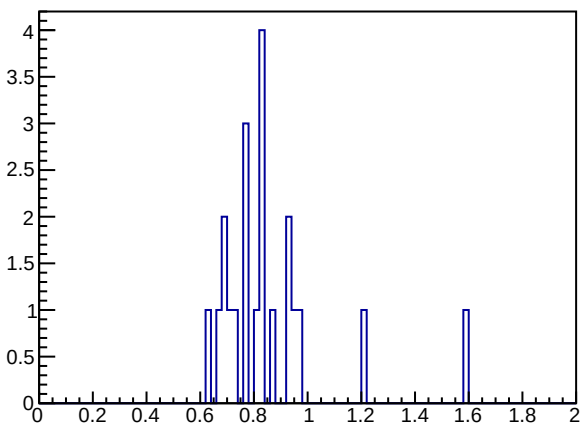

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

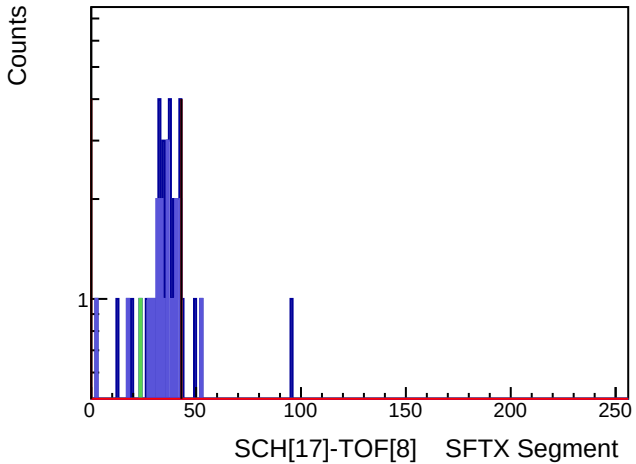

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

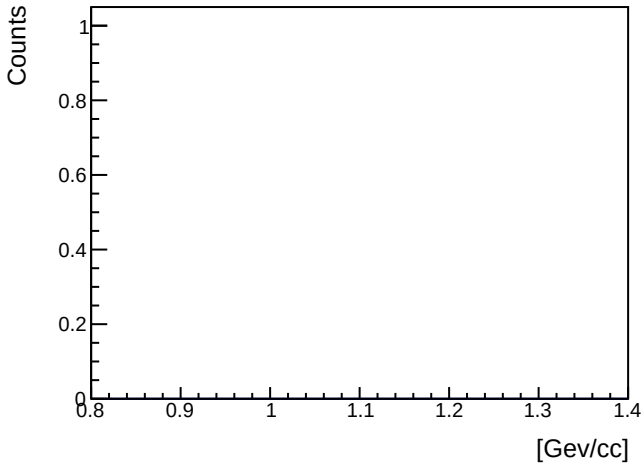

Counts
1
0
50
100
150
200
250
SCH[17]-TOF[7] SFTX Segment

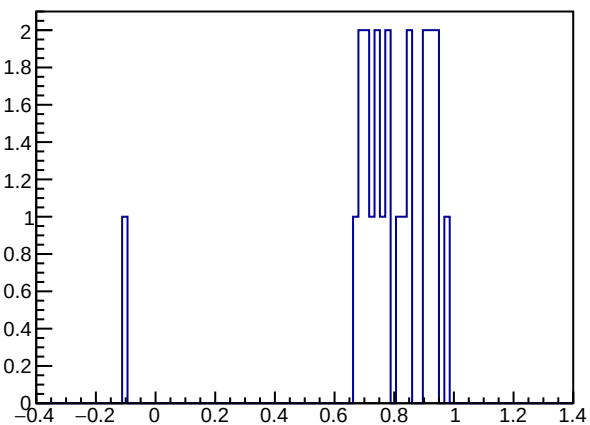

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

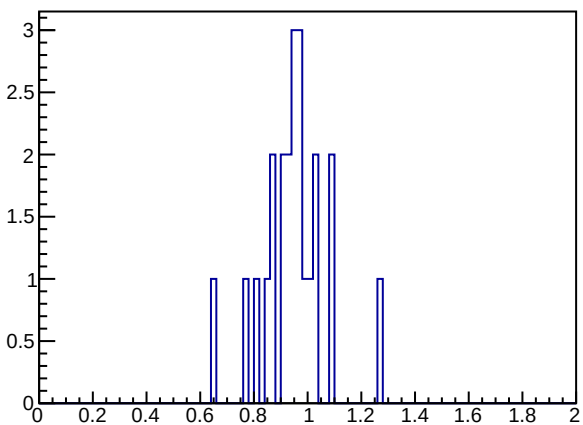

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

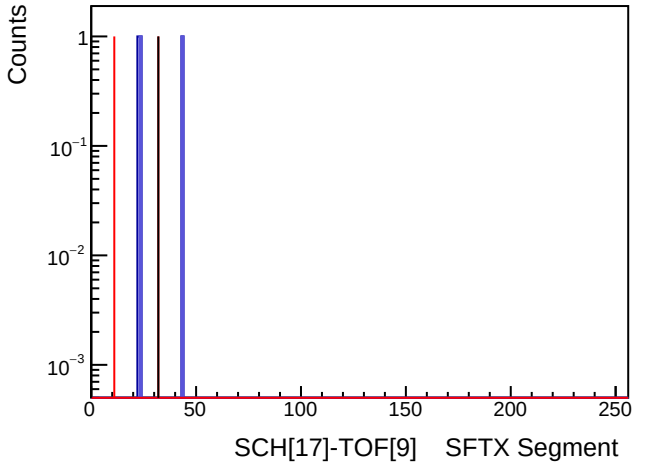

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

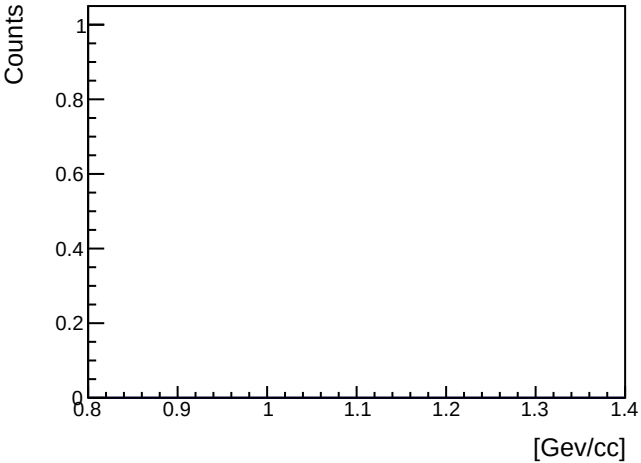

Counts
1
0
50
100
150
200
250
SCH[17]-TOF[8] SFTX Segment

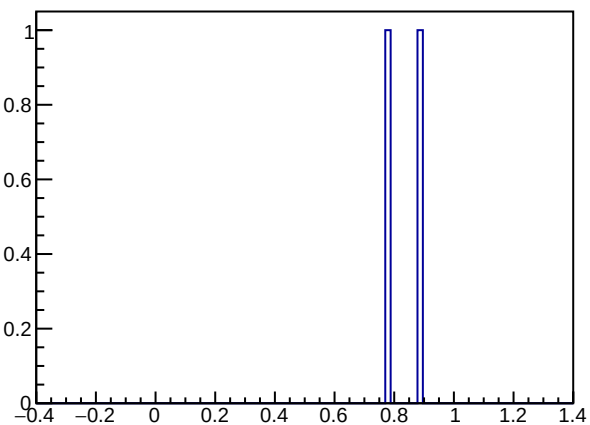

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

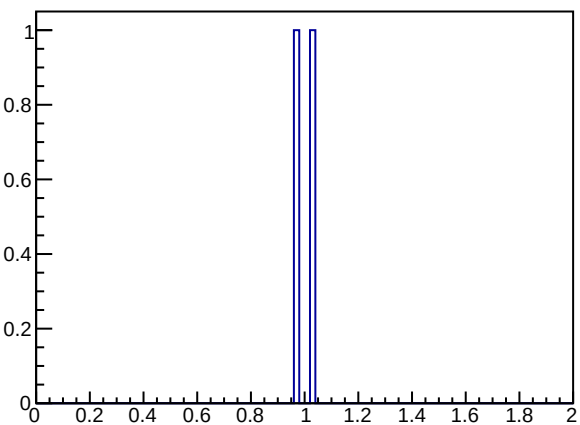

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

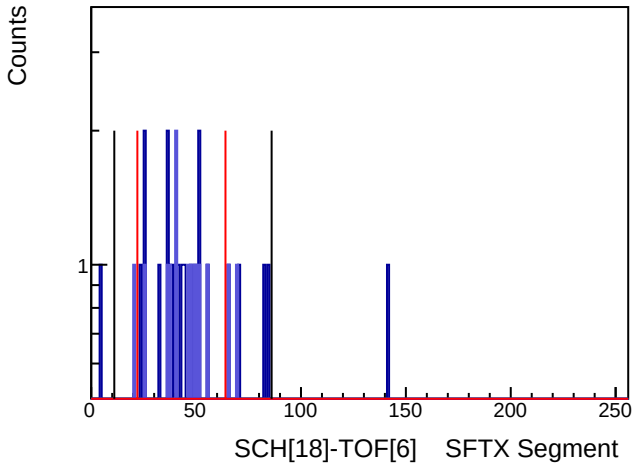

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

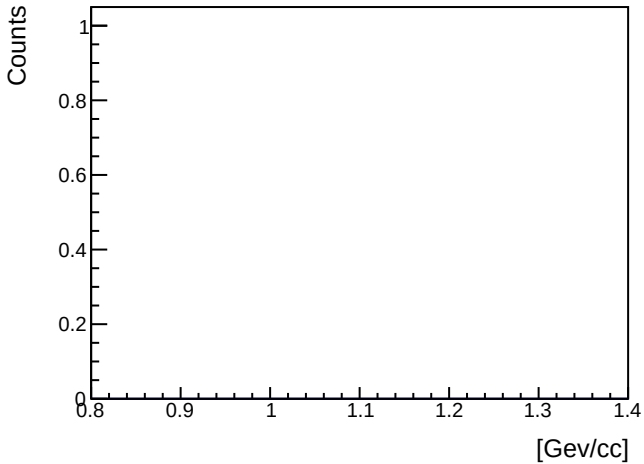

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[17]-TOF[9] SFTX Segment

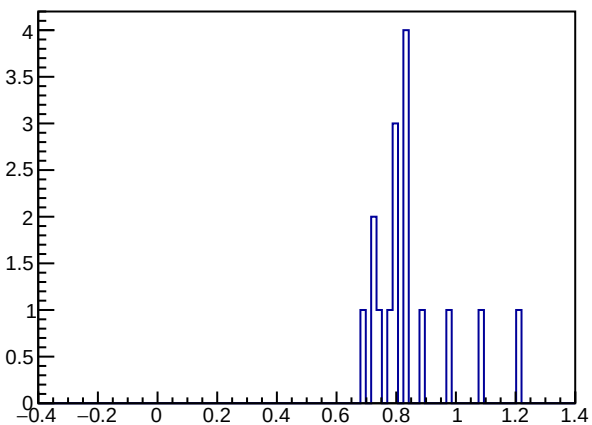

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

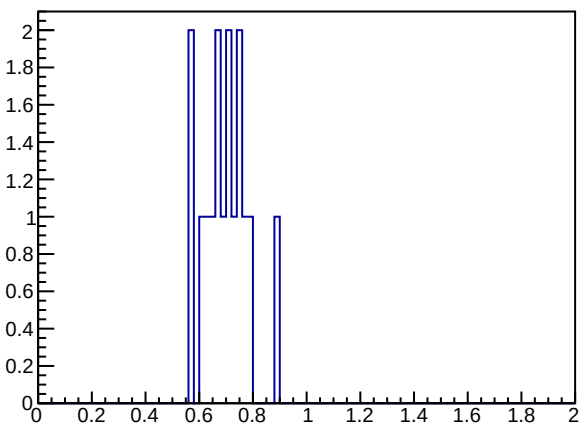

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

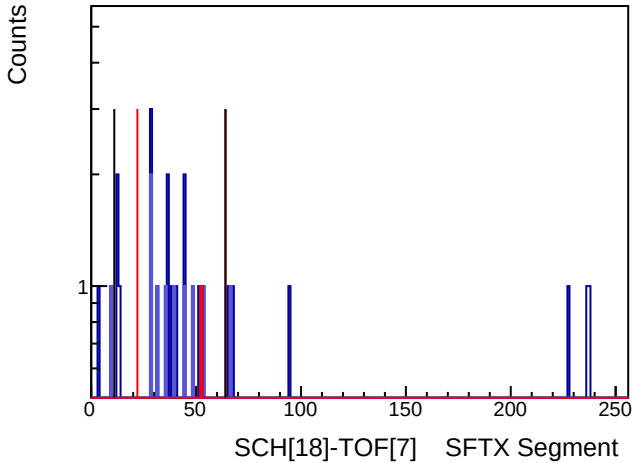

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

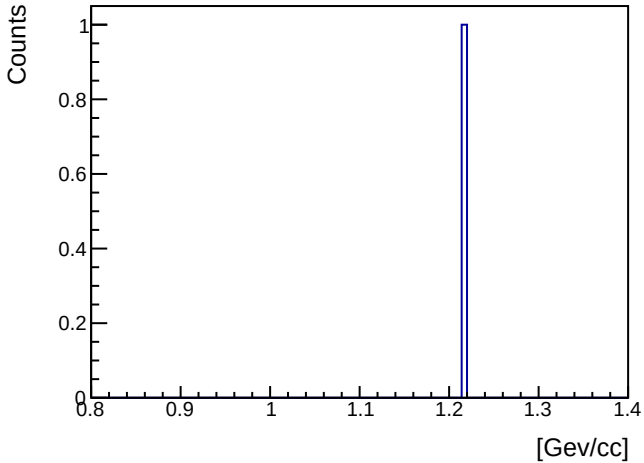

Counts
1
0
50
100
150
200
250
SCH[18]-TOF[6] SFTX Segment

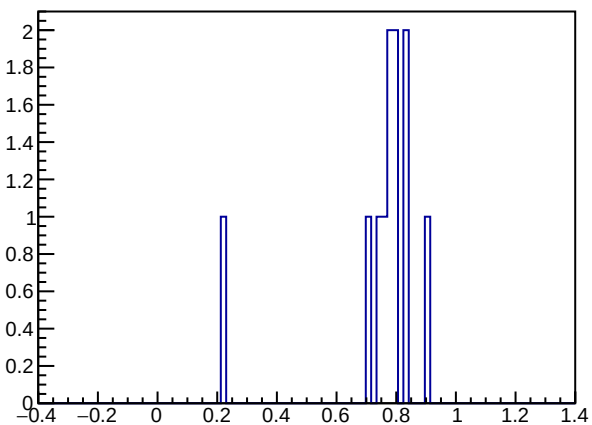

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

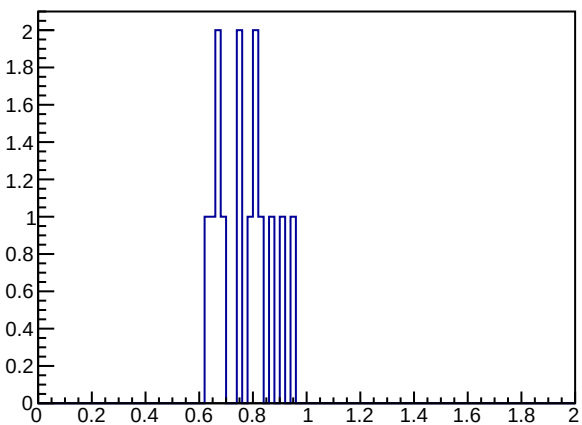

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

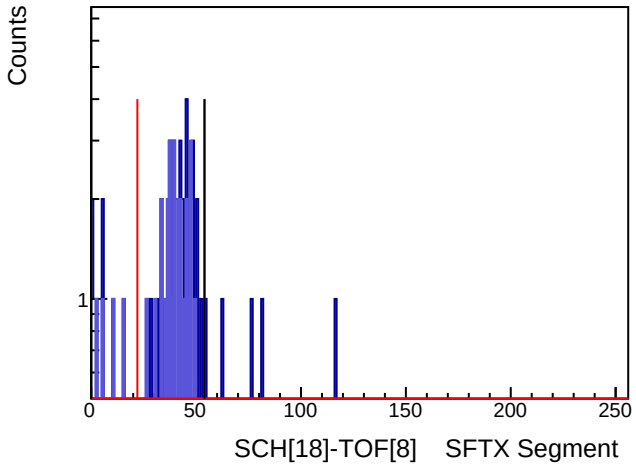

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

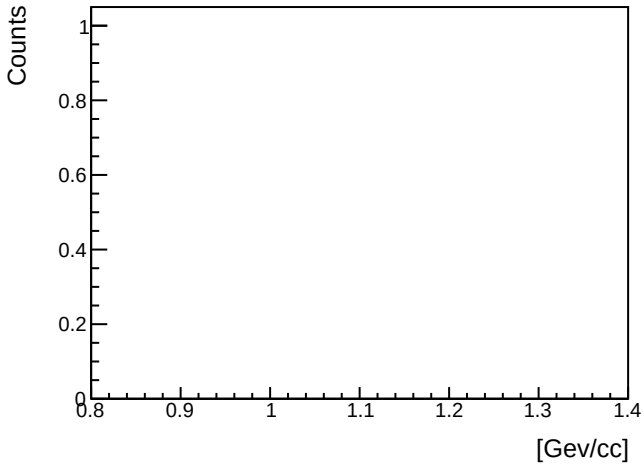

Counts
1
0
50
100
150
200
250
SCH[18]-TOF[7] SFTX Segment

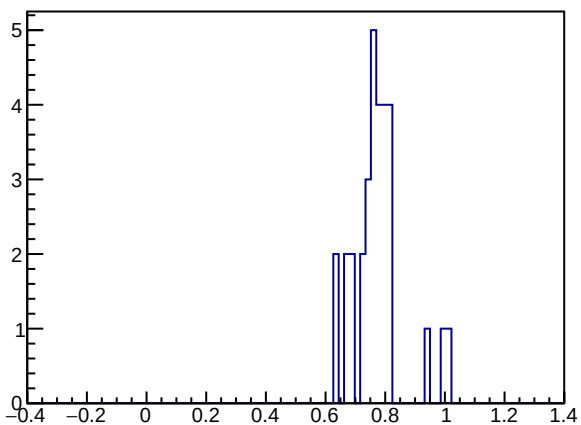

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

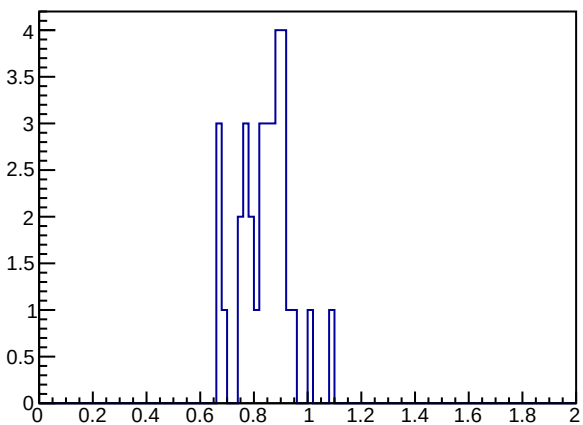

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

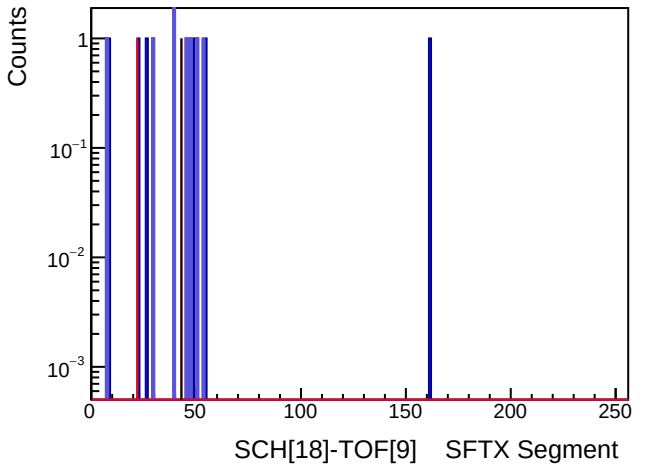

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

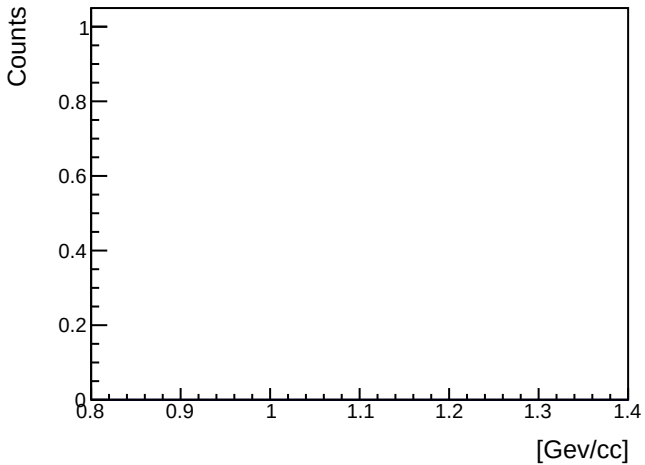

Counts
1
0
50
100
150
200
250
SCH[18]-TOF[8] SFTX Segment

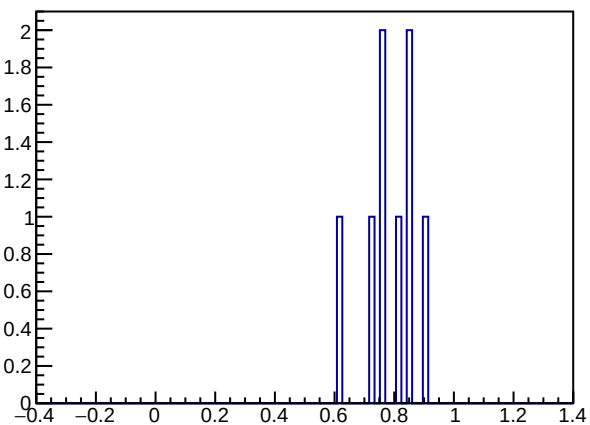

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

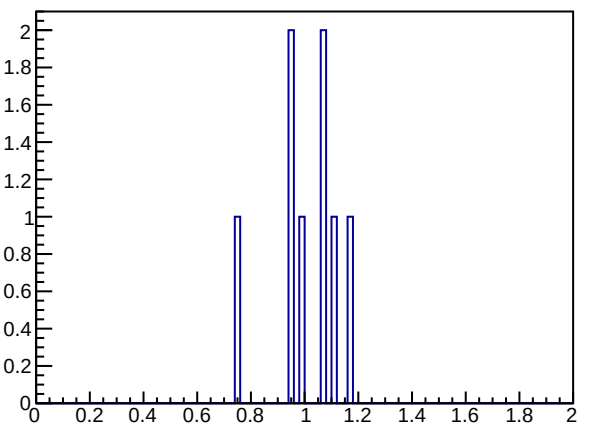

5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

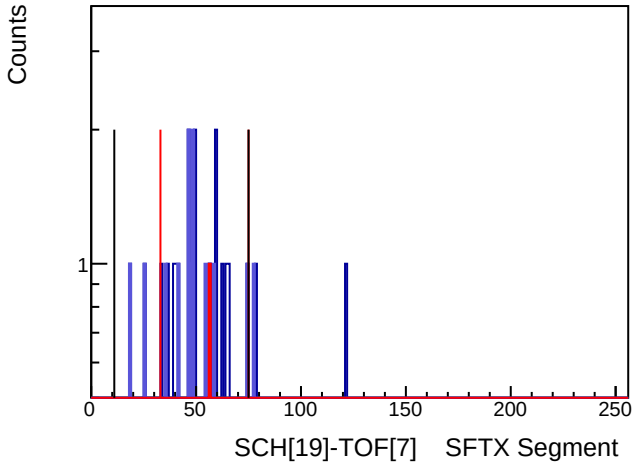

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

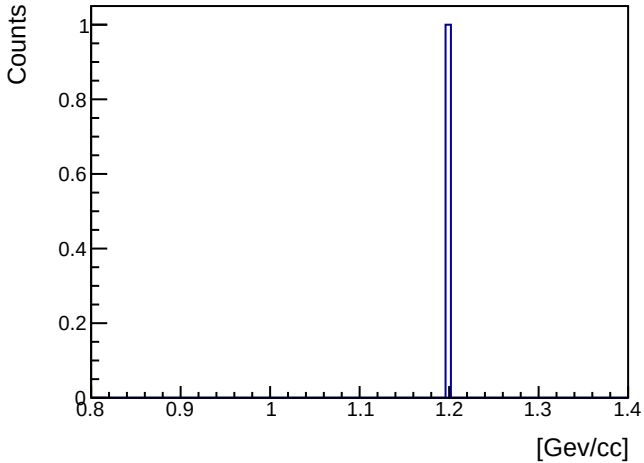

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[18]-TOF[9] SFTX Segment

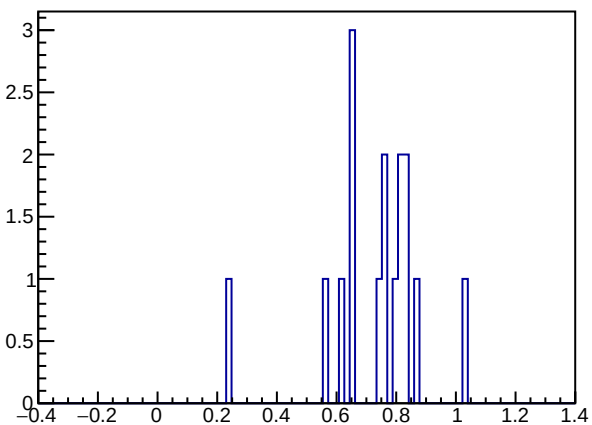

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

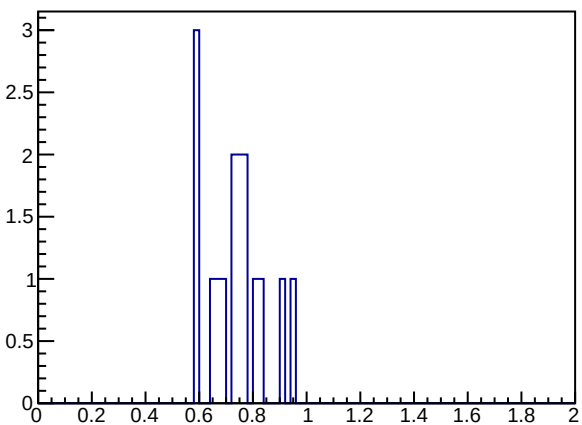

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

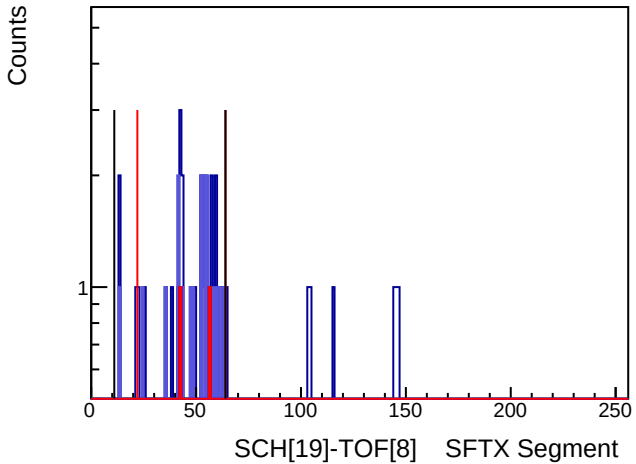

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

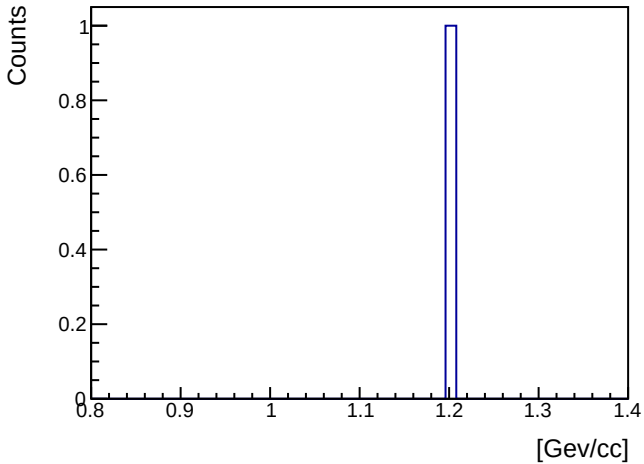

Counts
1
0
50
100
150
200
250
SCH[19]-TOF[7] SFTX Segment

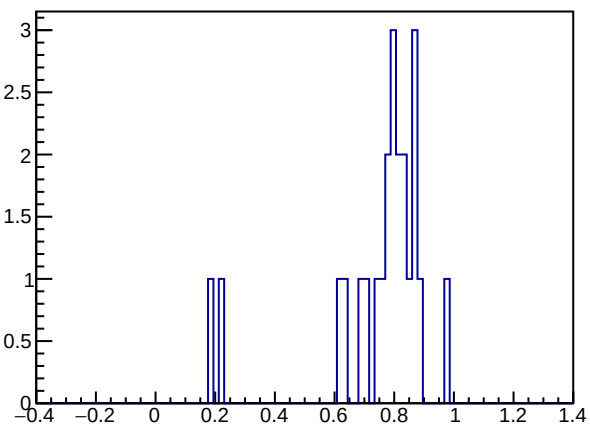

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

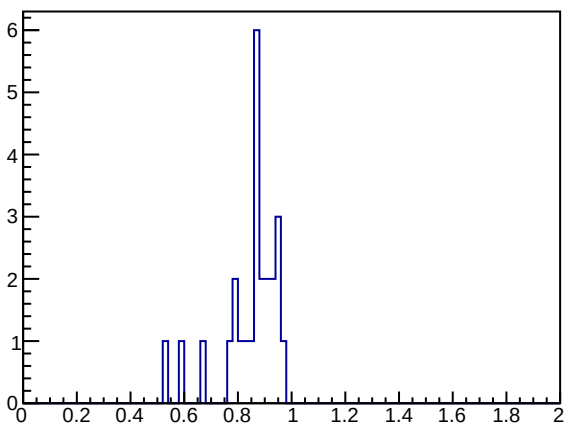

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

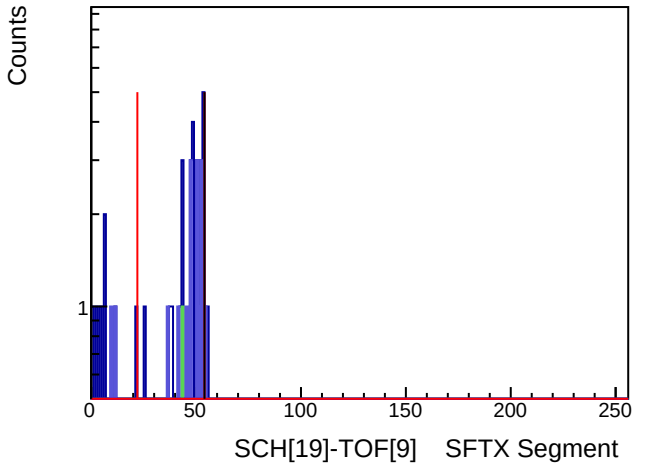

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

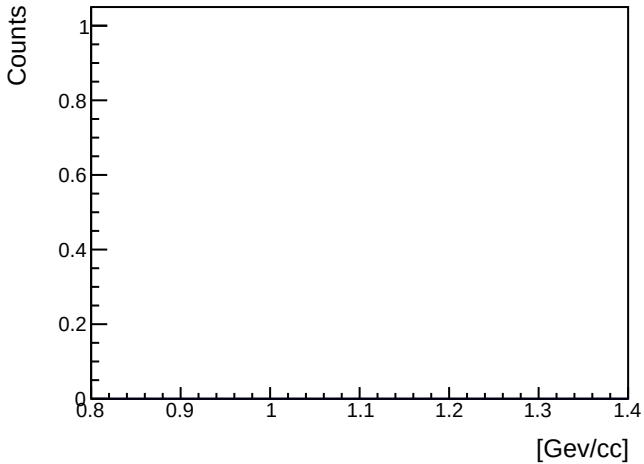

Counts
1
0
50
100
150
200
250
SCH[19]-TOF[8] SFTX Segment

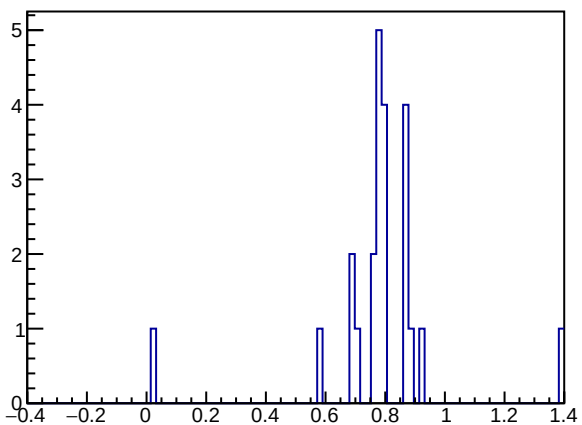

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

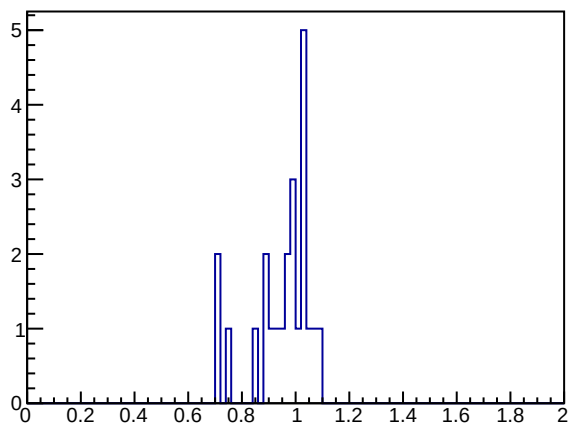

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

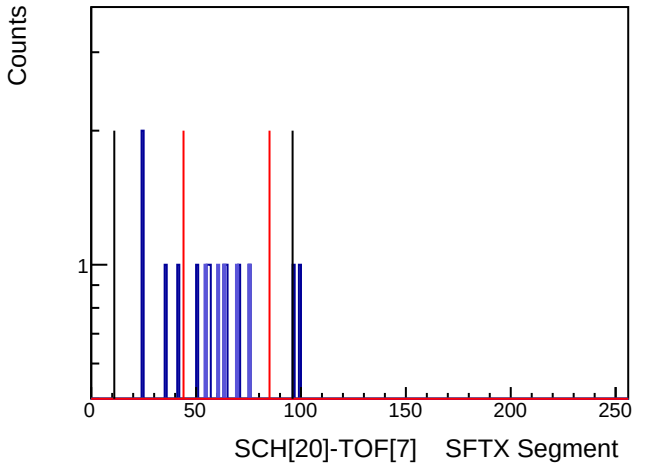

6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

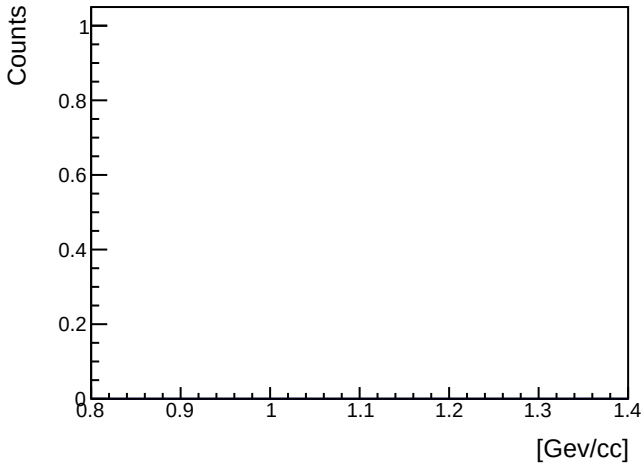

Counts
1
0
50
100
150
200
250
SCH[19]-TOF[9] SFTX Segment

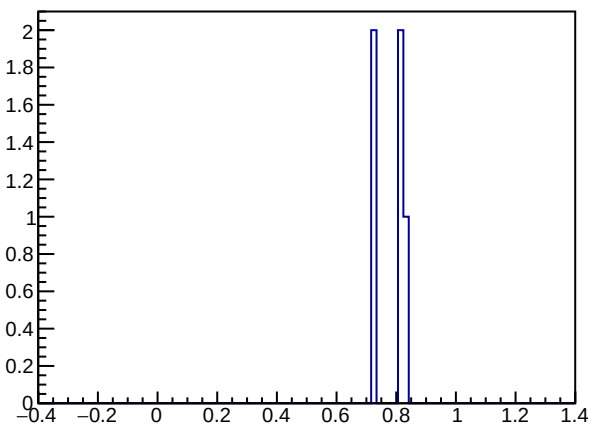

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

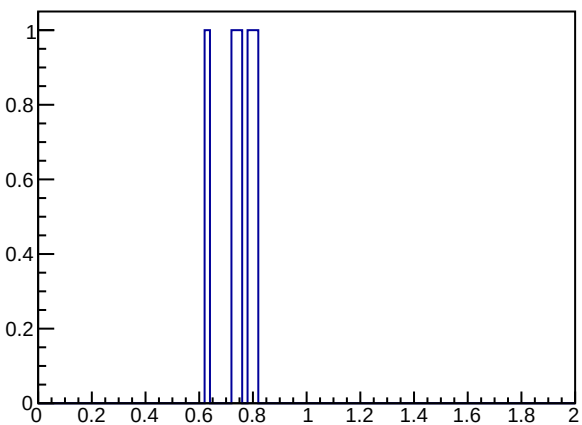

5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

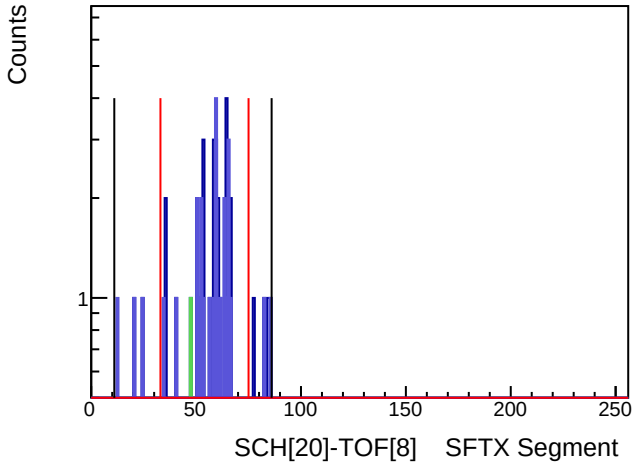

5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

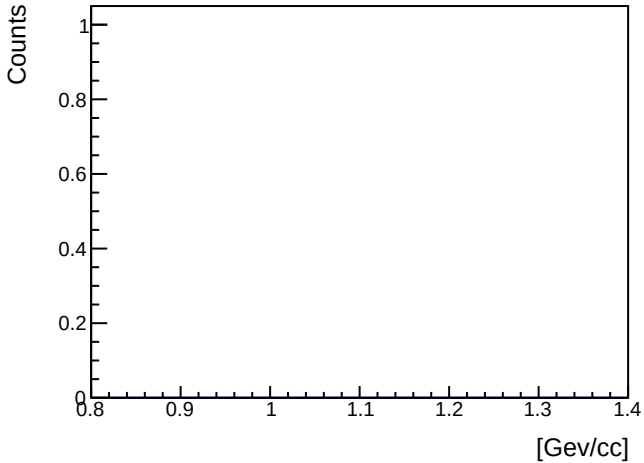

Counts
1
0
50
100
150
200
250
SCH[20]-TOF[7] SFTX Segment

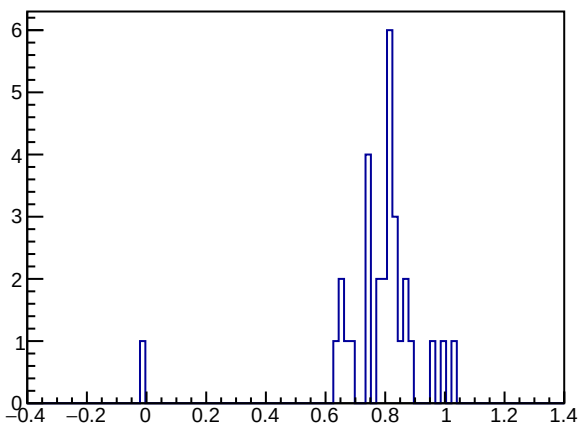

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

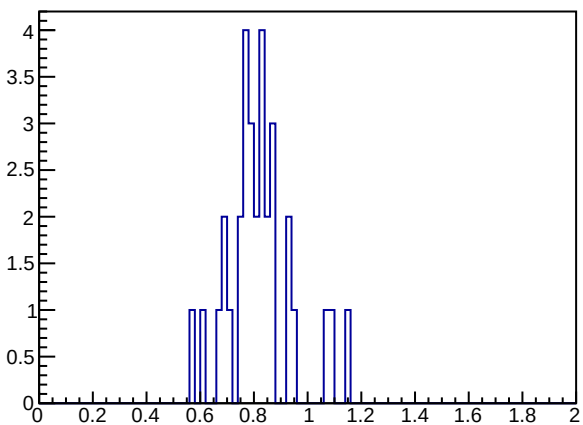

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

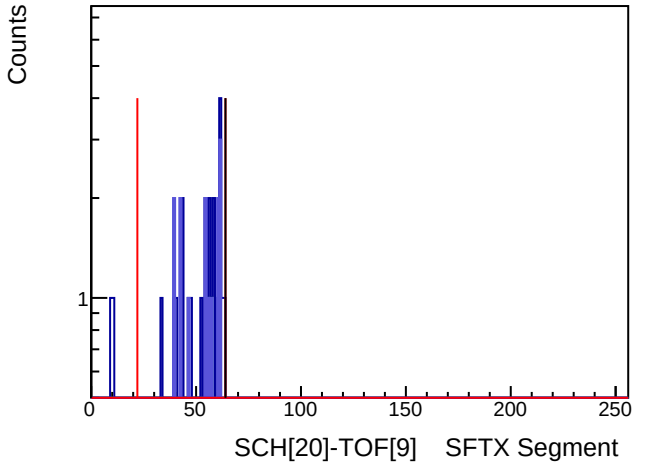

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

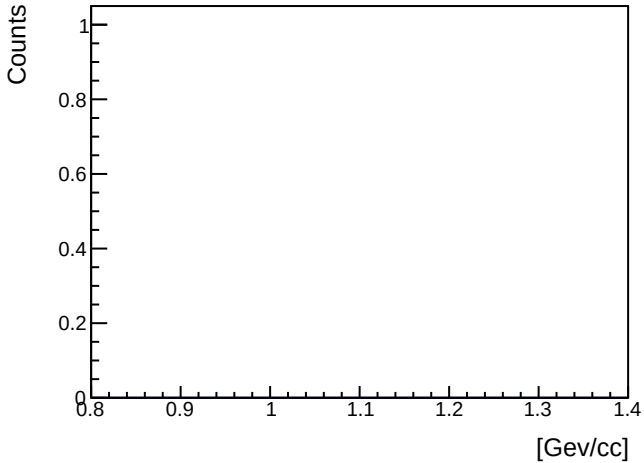

Counts
1
0
50
100
150
200
250
SCH[20]-TOF[8] SFTX Segment

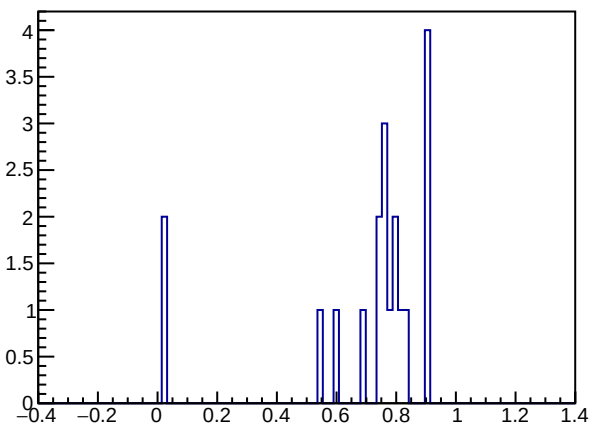

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

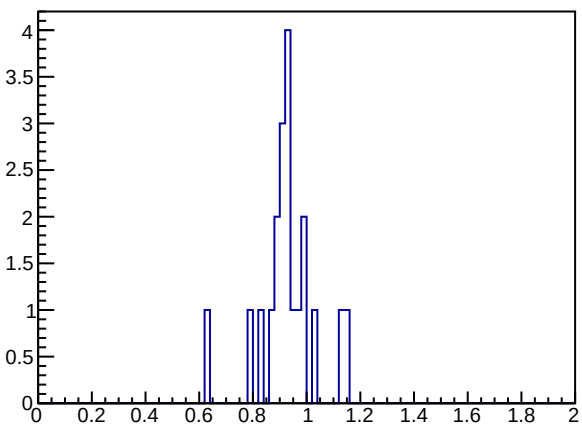

6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

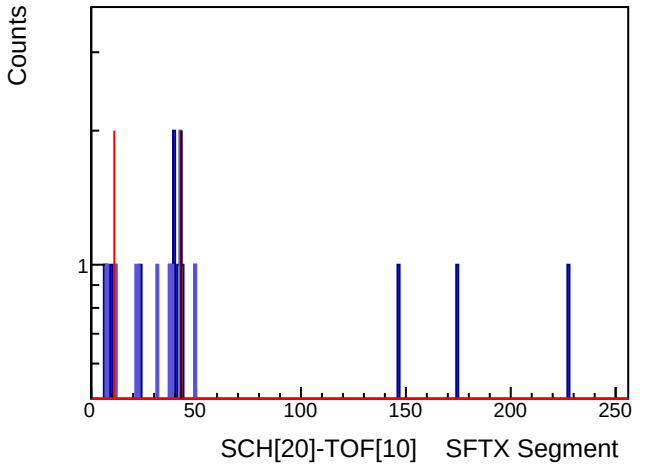

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

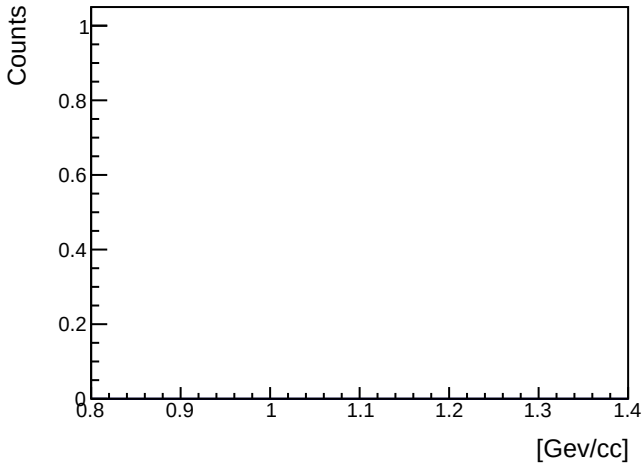

Counts
1
0
50
100
150
200
250
SCH[20]-TOF[9] SFTX Segment

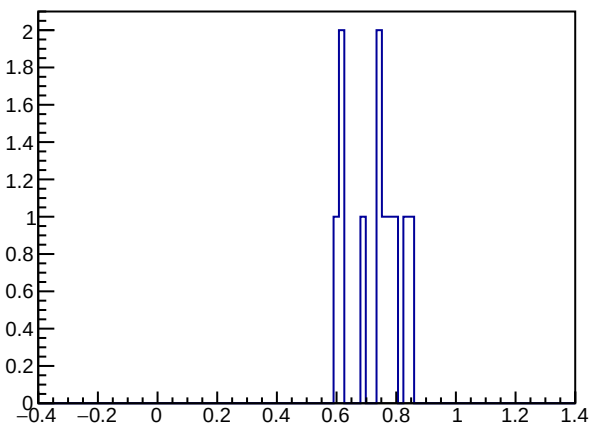

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

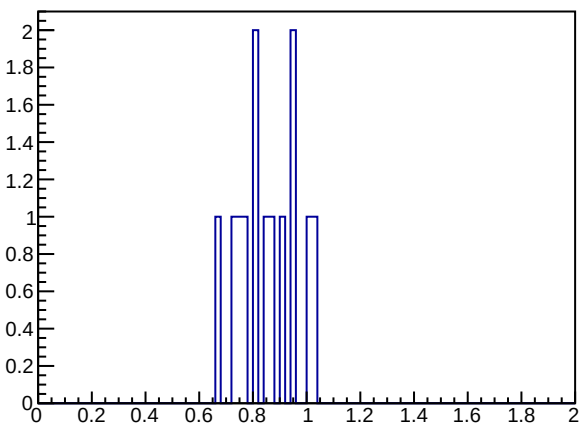

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

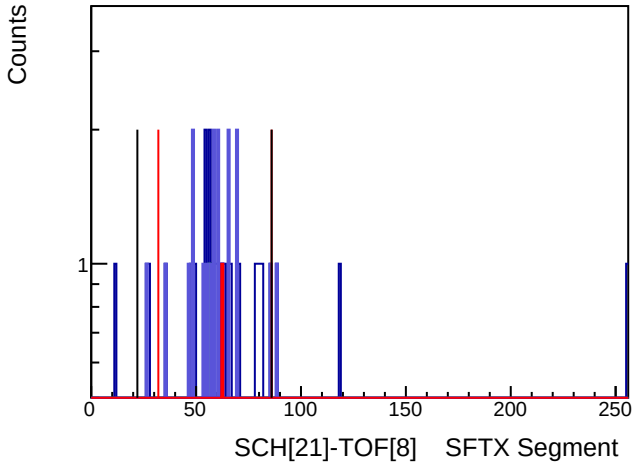

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

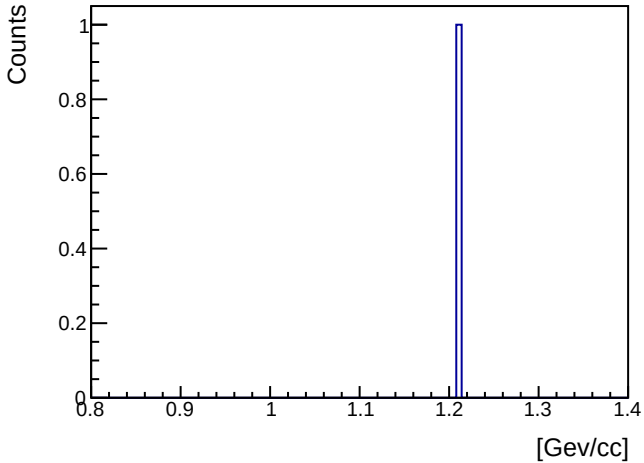

Counts
1
0
50
100
150
200
250
SCH[20]-TOF[10] SFTX Segment

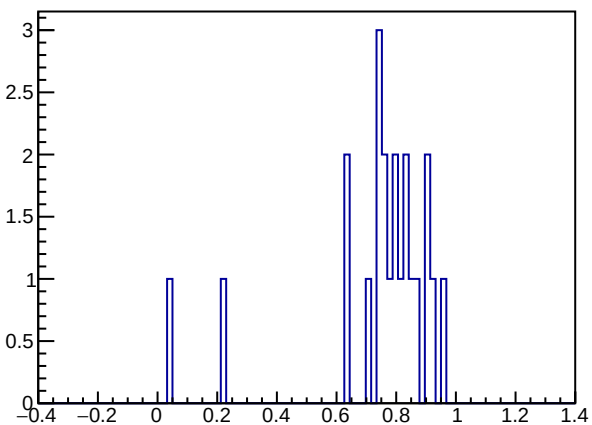

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

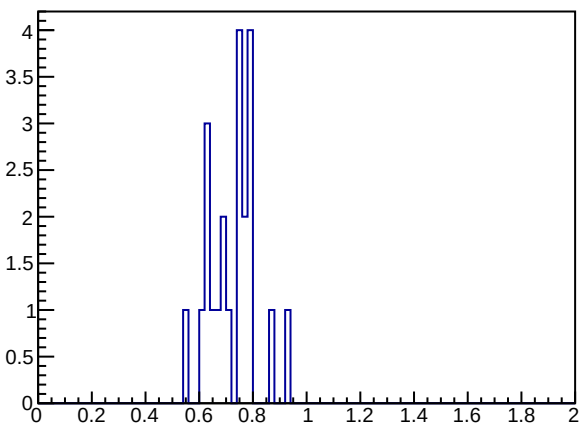

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

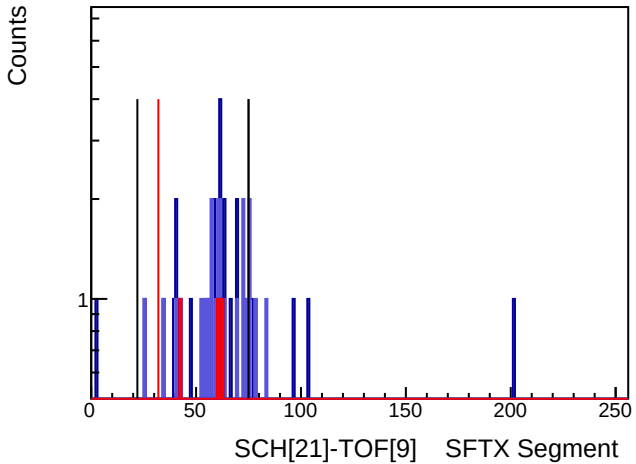

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

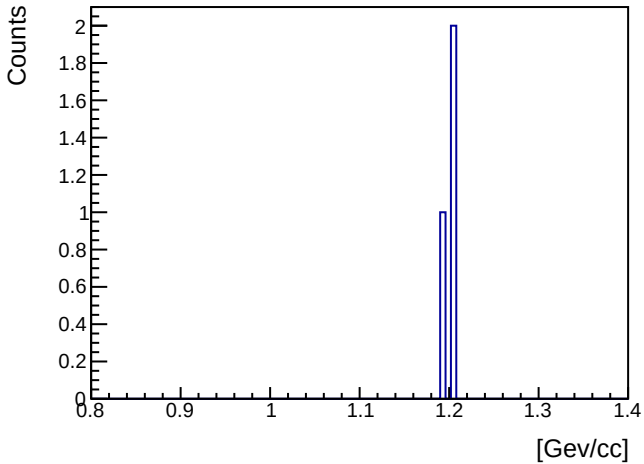

Counts
1
0
50
100
150
200
250
SCH[21]-TOF[8] SFTX Segment

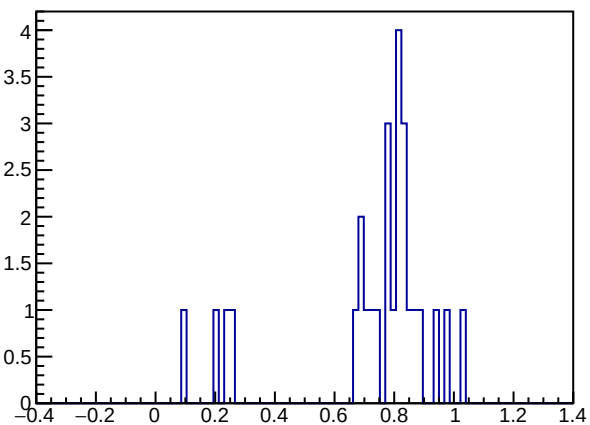

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

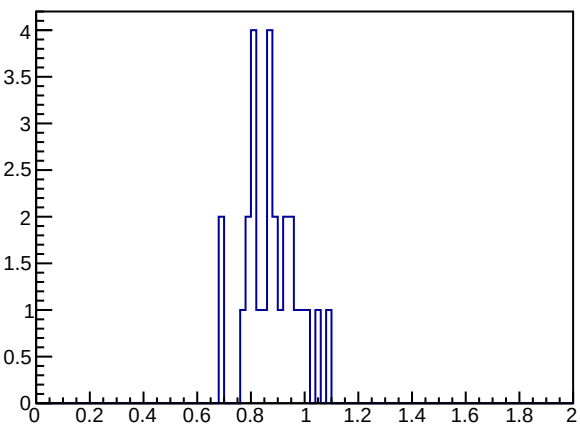

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

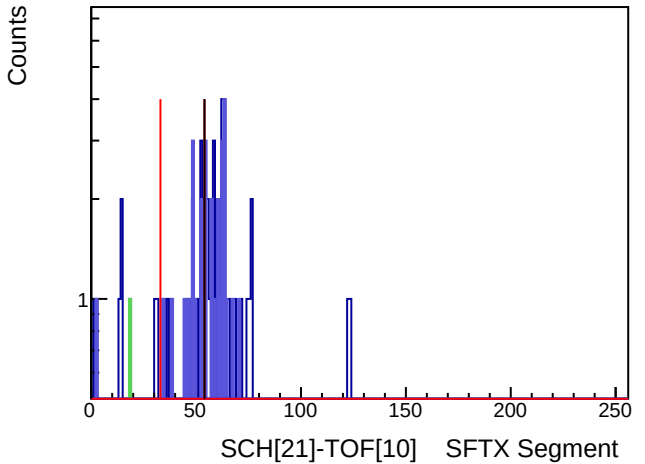

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

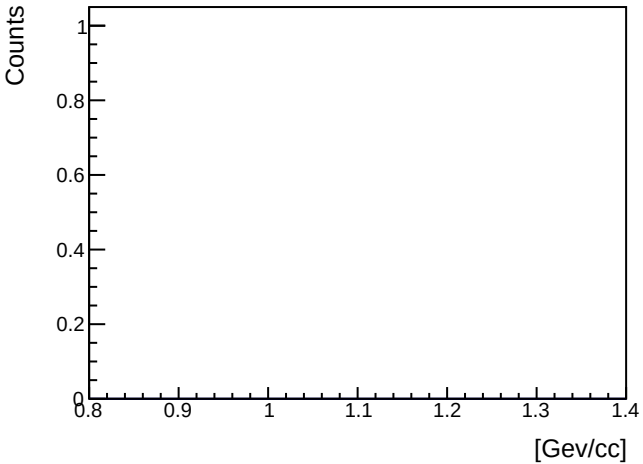

Counts
1
0
50
100
150
200
250
SCH[21]-TOF[9] SFTX Segment

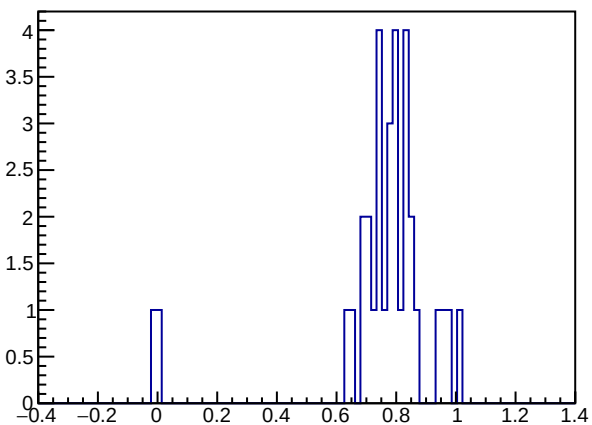

Counts
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

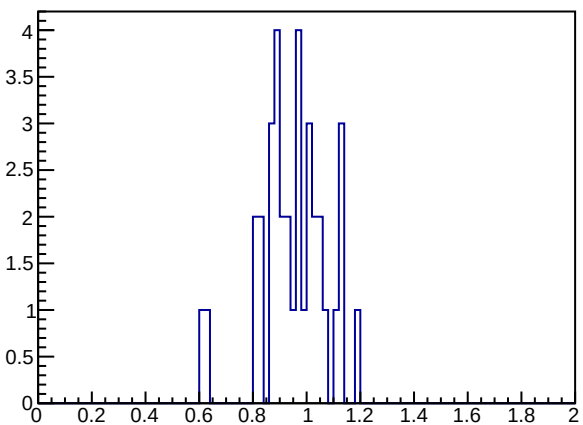

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

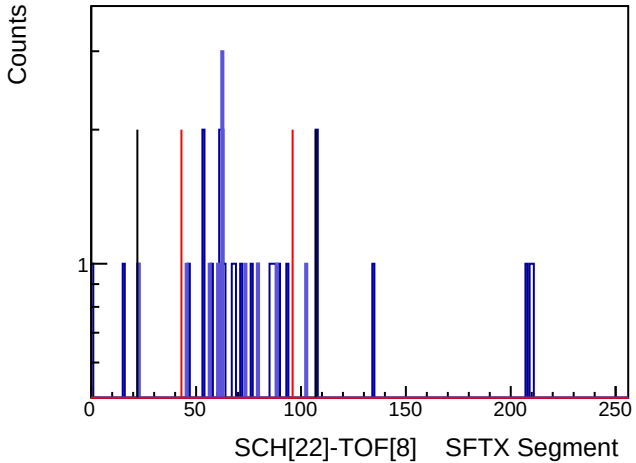

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

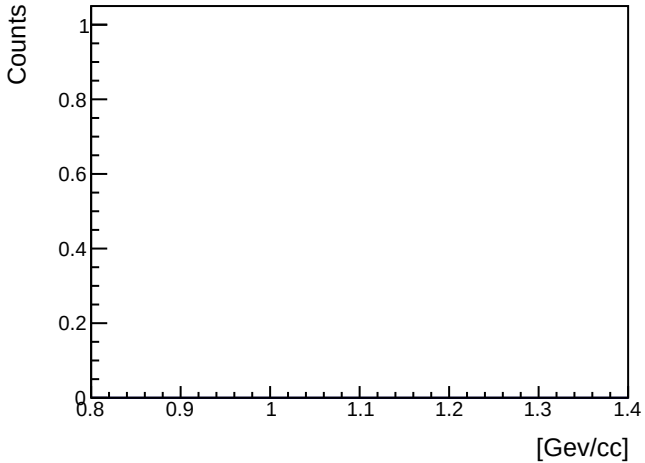

Counts
1
0
50
100
150
200
250
SCH[21]-TOF[10] SFTX Segment

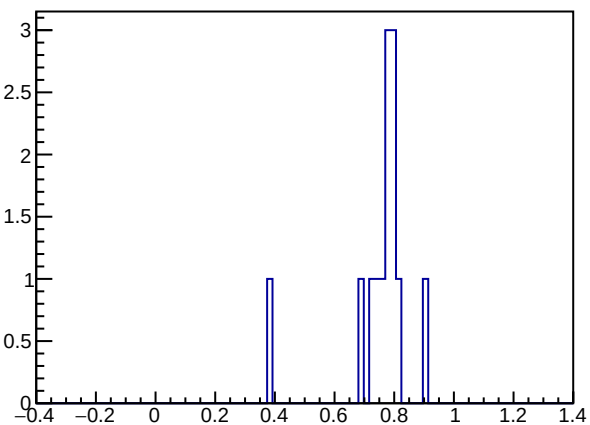

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

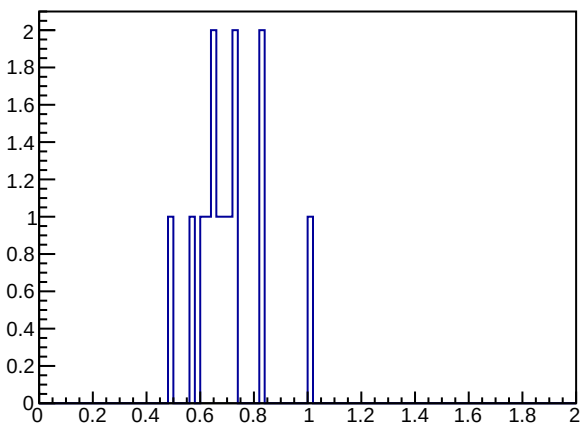

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

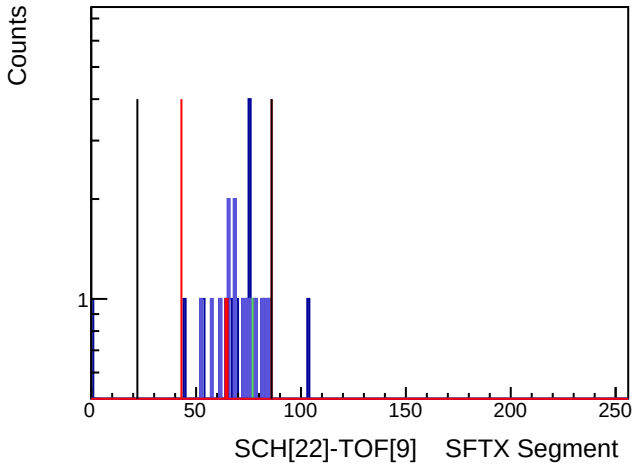

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

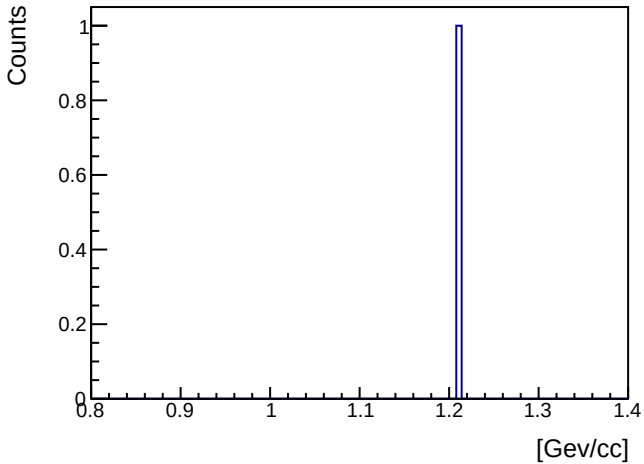

Counts
1
0
50
100
150
200
250
SCH[22]-TOF[8] SFTX Segment

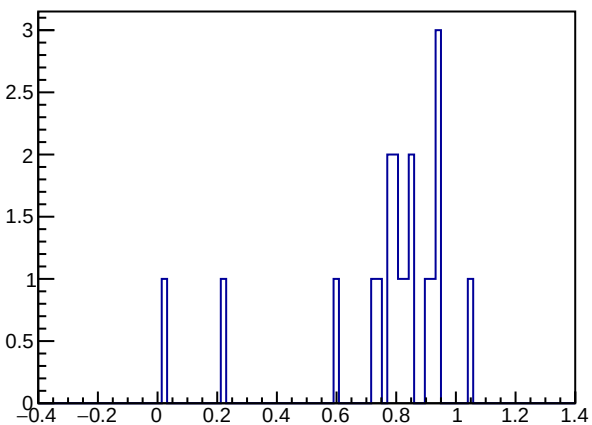

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

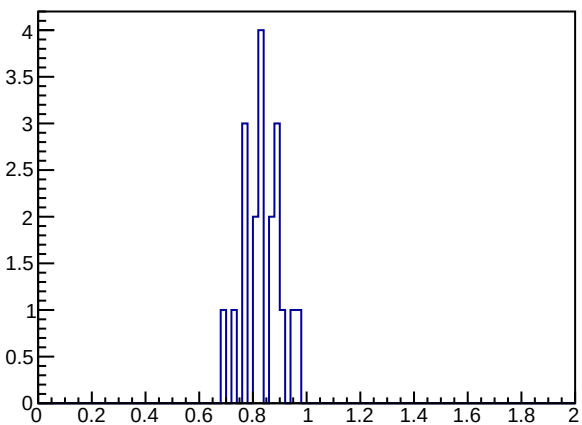

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

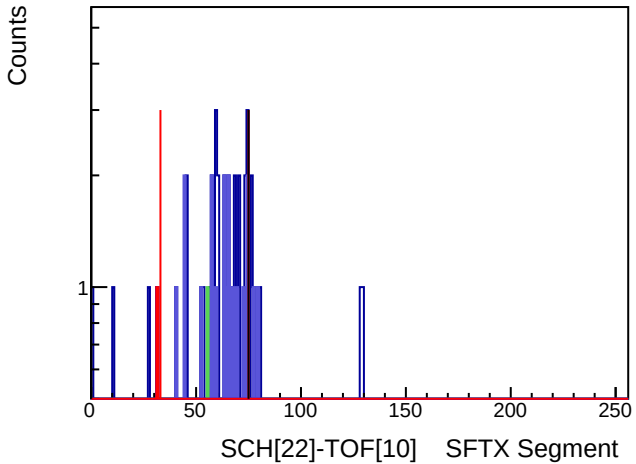

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

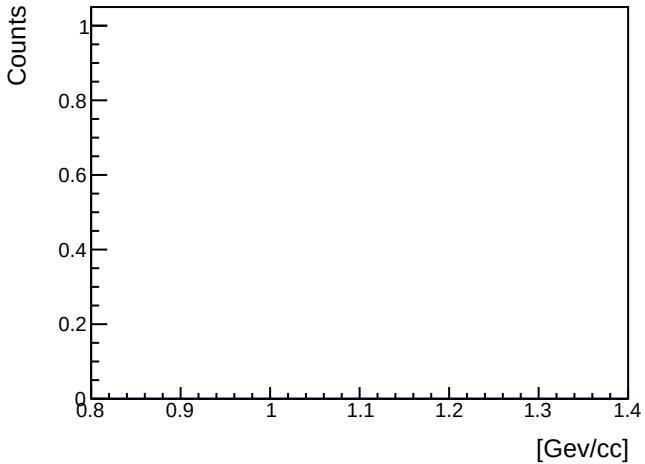

Counts
1
0
50
100
150
200
250
SCH[22]-TOF[9] SFTX Segment

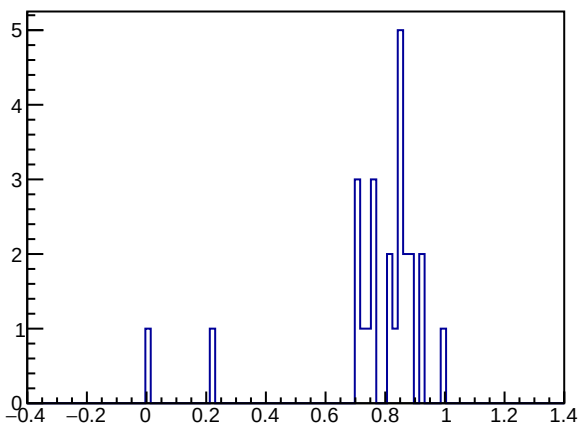

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

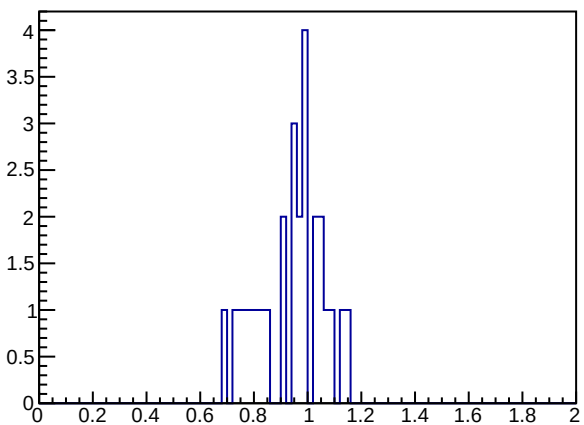

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

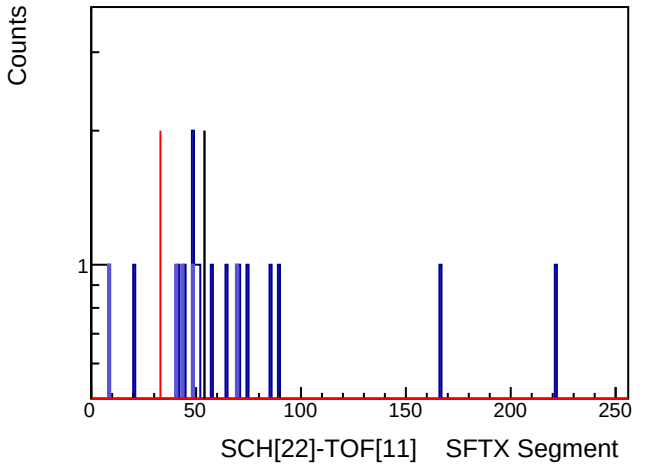

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

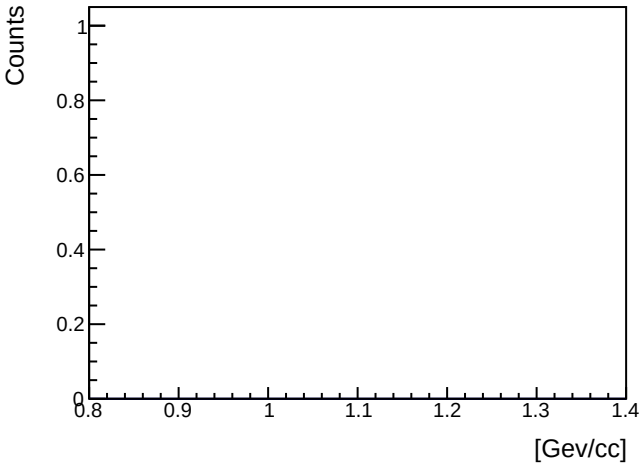

Counts
1
0
50
100
150
200
250
SCH[22]-TOF[10] SFTX Segment

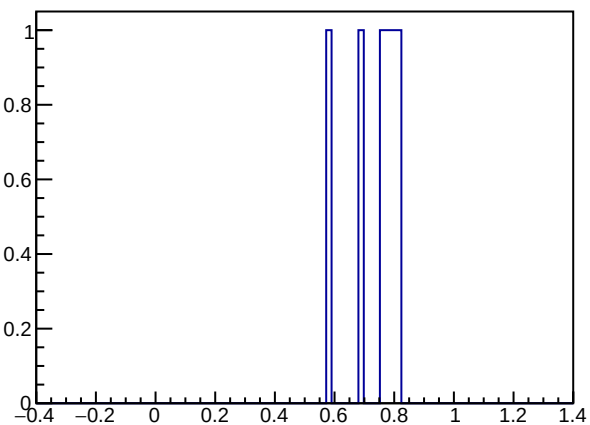

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

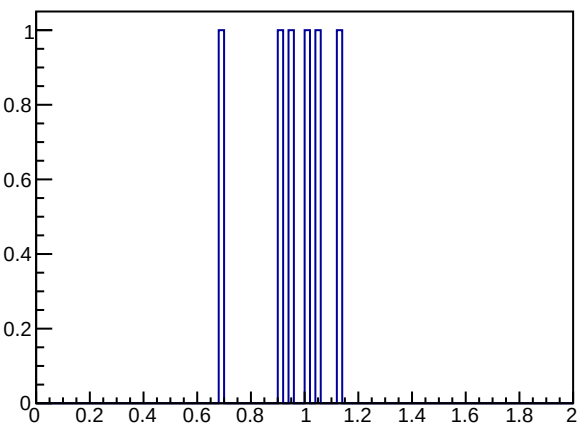

5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

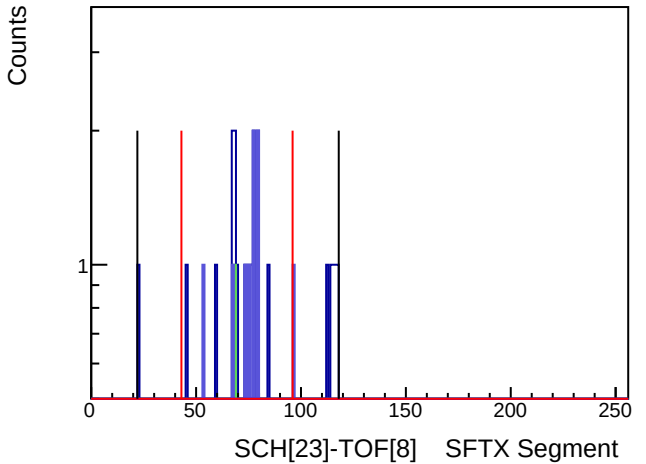

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

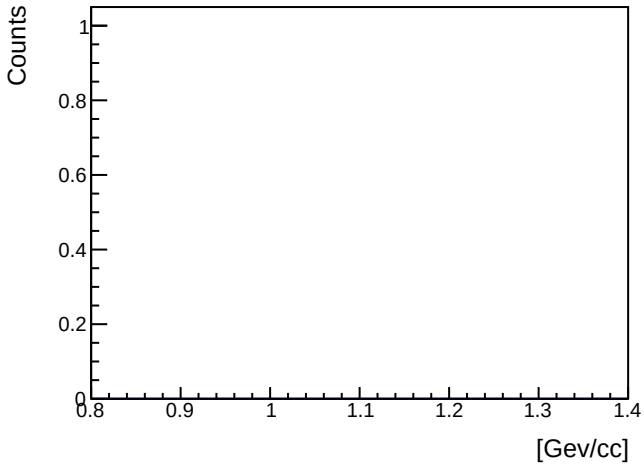

Counts
1
0
50
100
150
200
250
SCH[22]-TOF[11] SFTX Segment

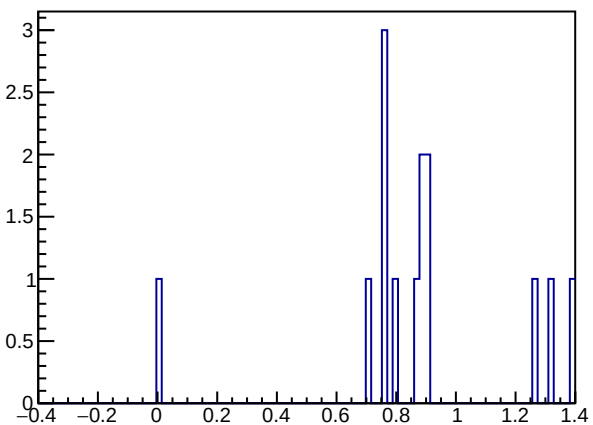

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

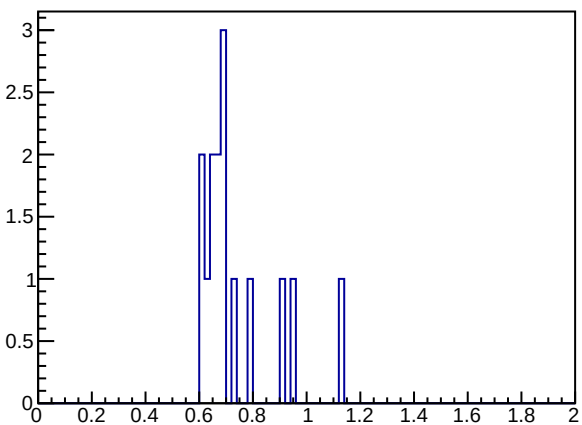

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

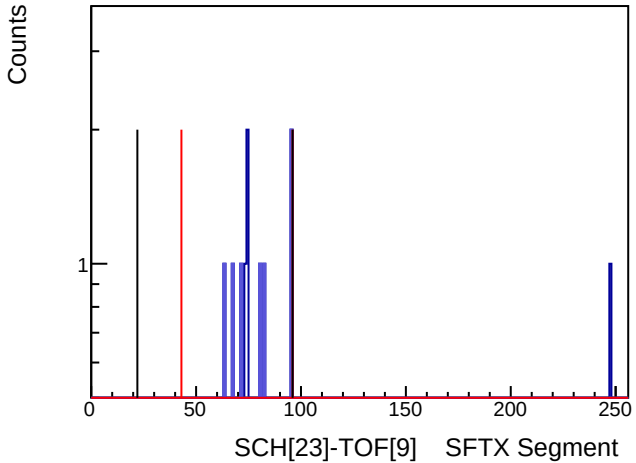

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

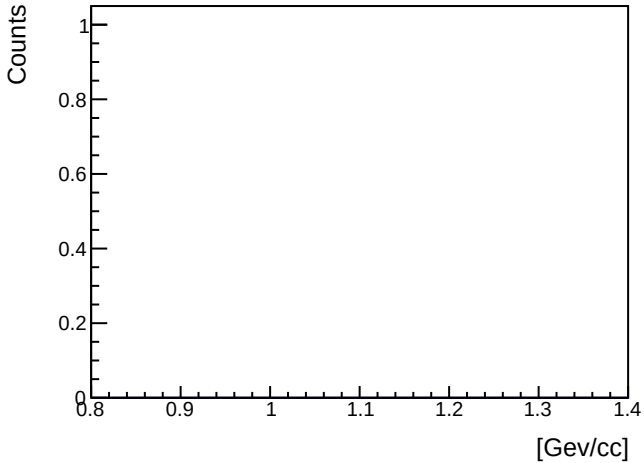

Counts
1
0
50
100
150
200
250
SCH[23]-TOF[8] SFTX Segment

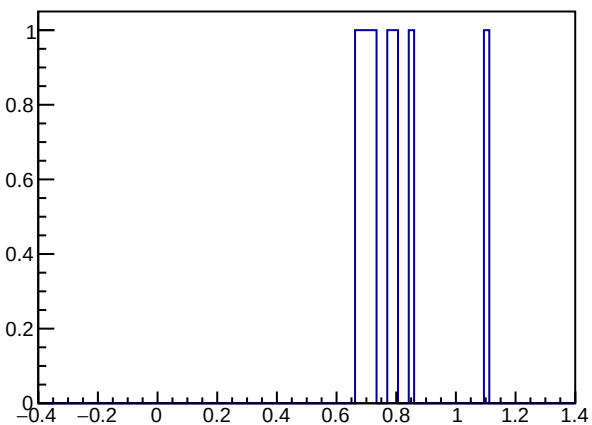

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

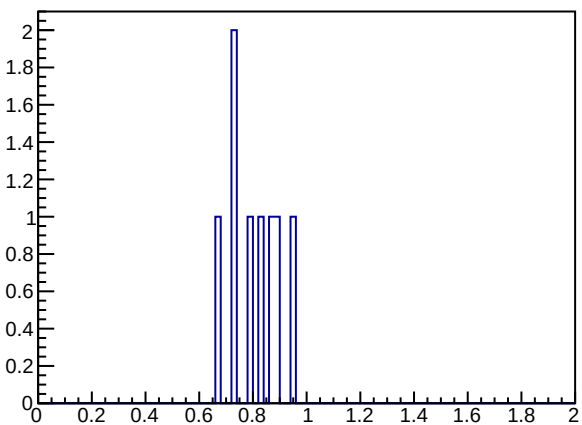

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

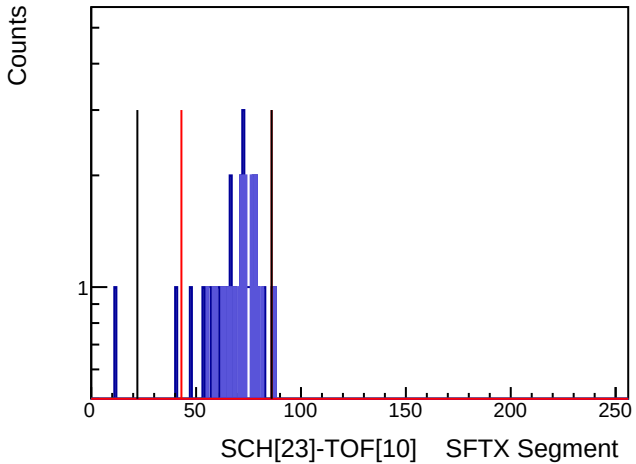

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

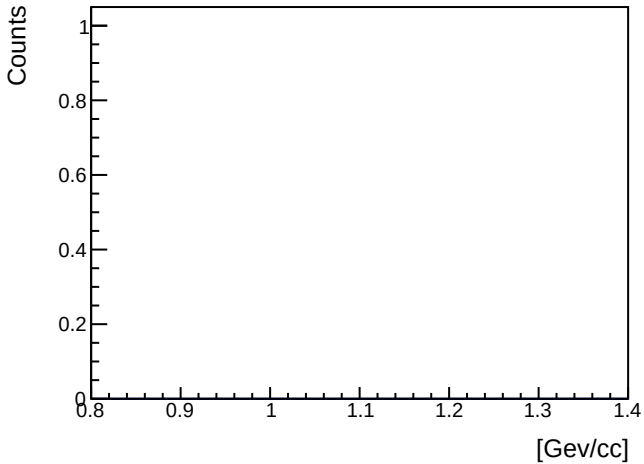

Counts
1
0
50
100
150
200
250
SCH[23]-TOF[9] SFTX Segment

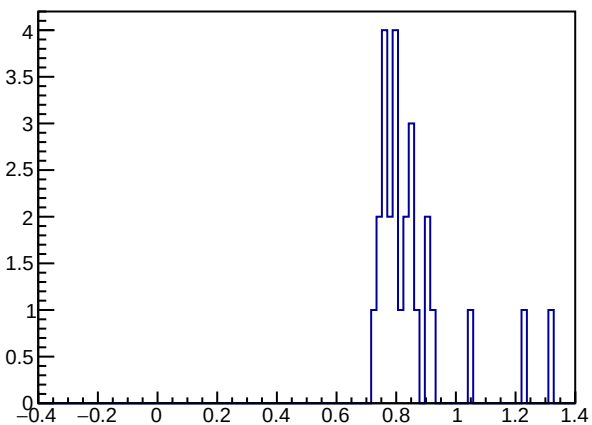

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

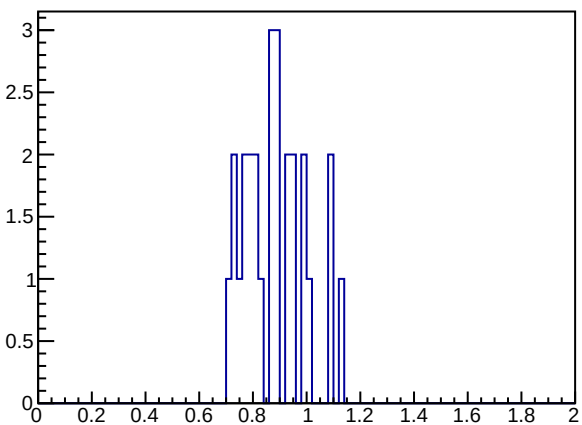

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

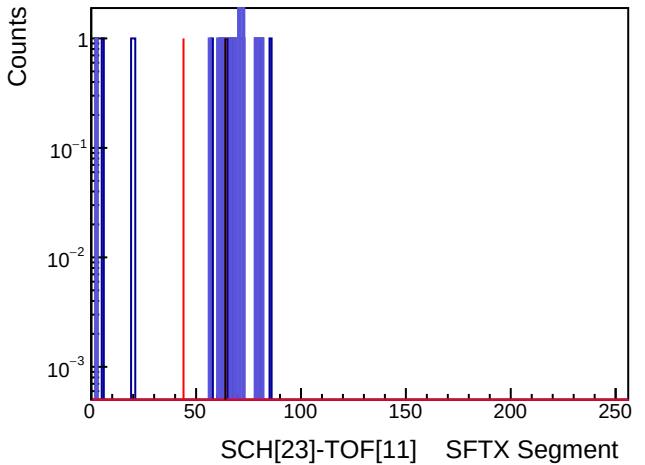

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

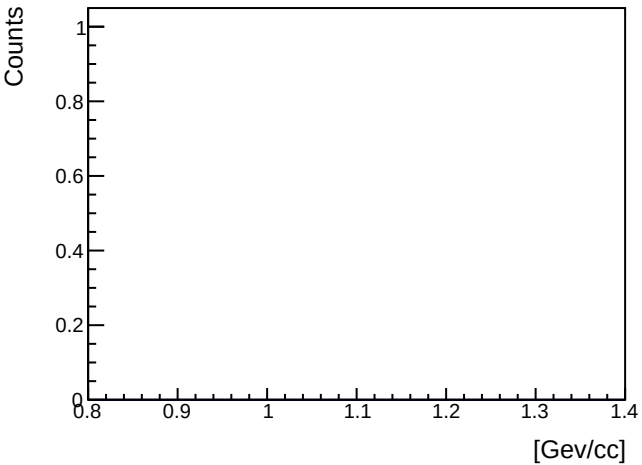

Counts
1
0
50
100
150
200
250
SCH[23]-TOF[10] SFTX Segment

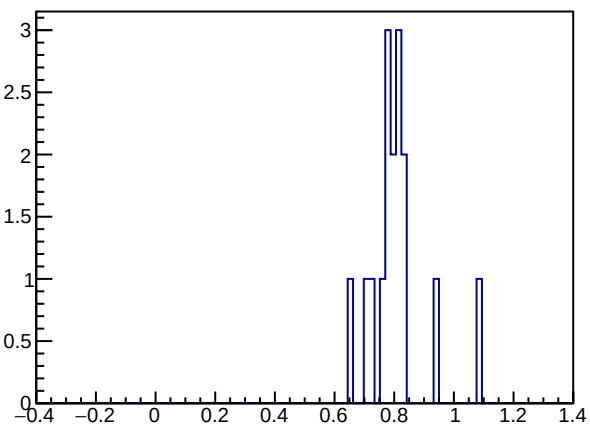

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

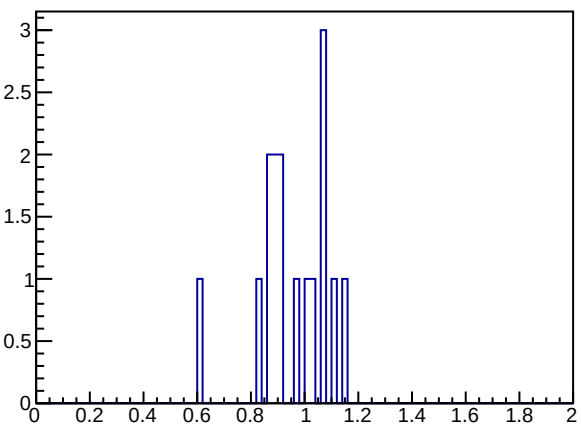

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

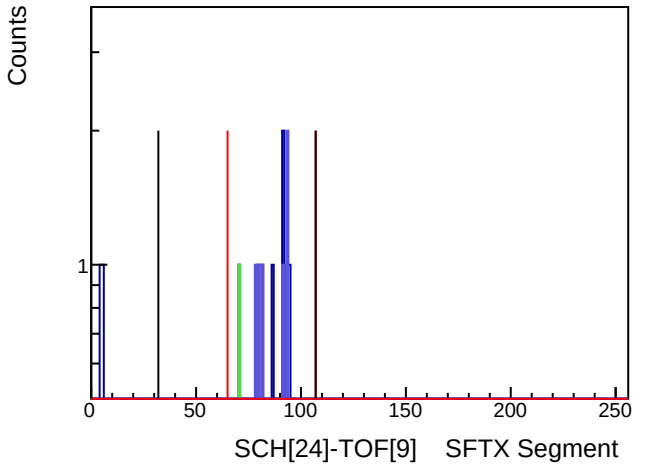

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

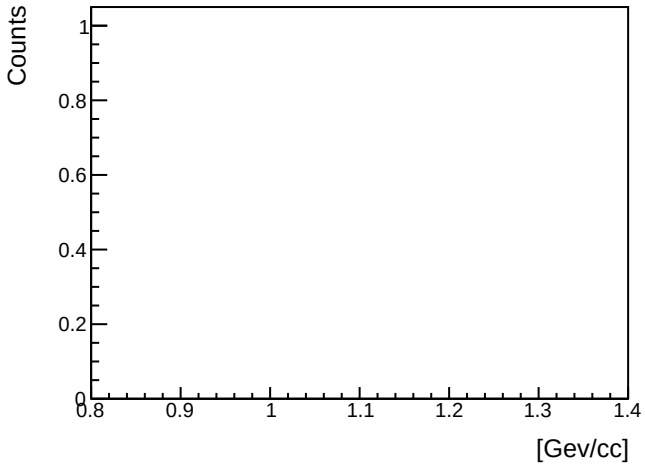

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[23]-TOF[11] SFTX Segment

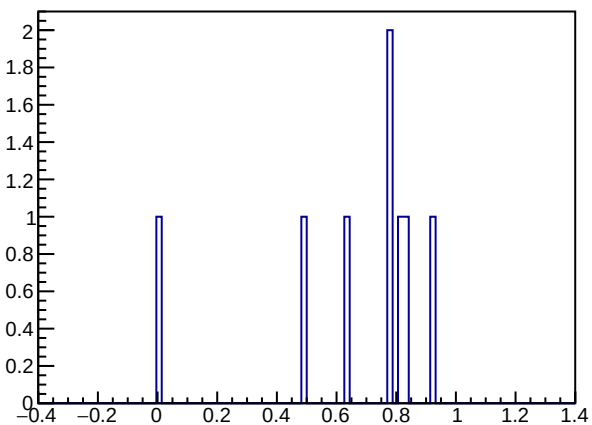

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

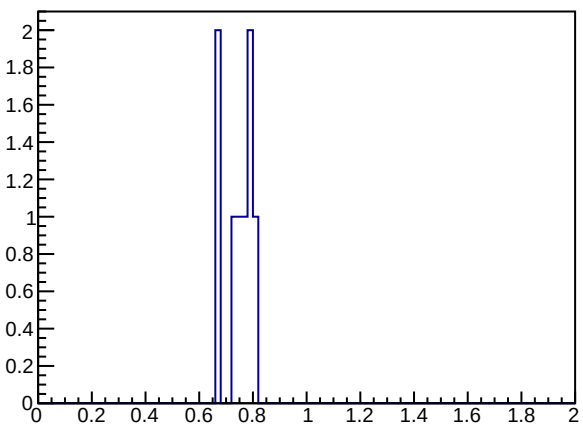

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

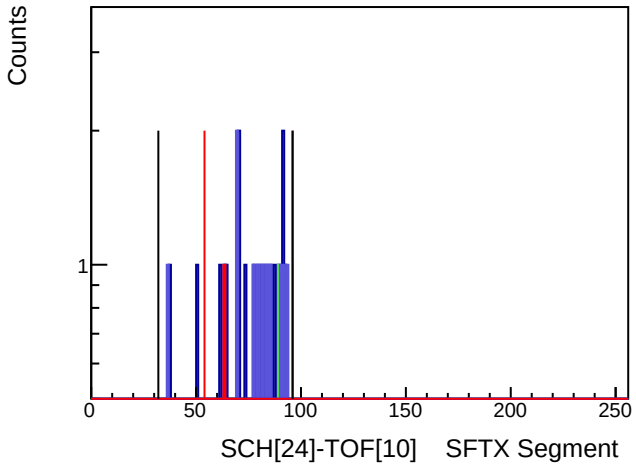

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

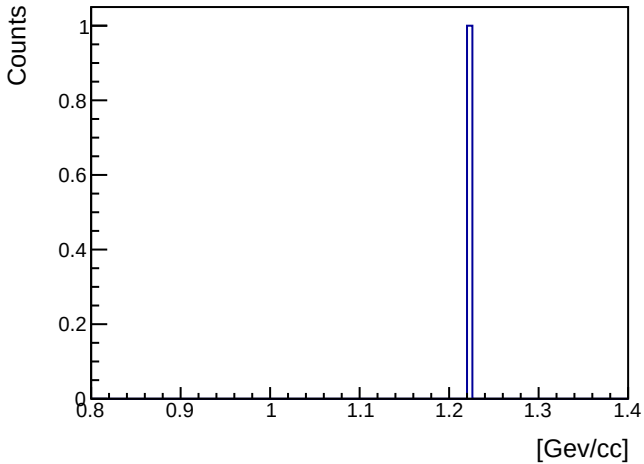

Counts
1
0
50
100
150
200
250
SCH[24]-TOF[9] SFTX Segment

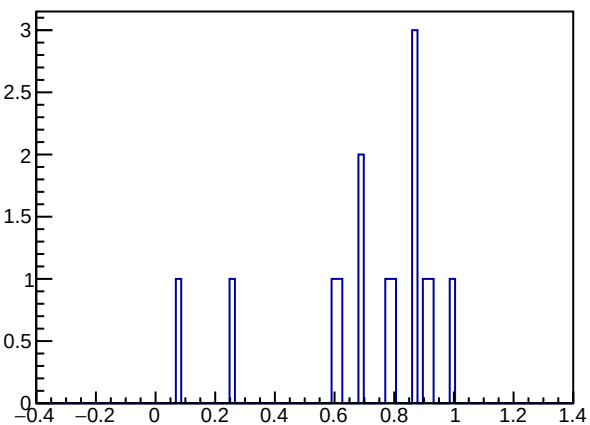

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

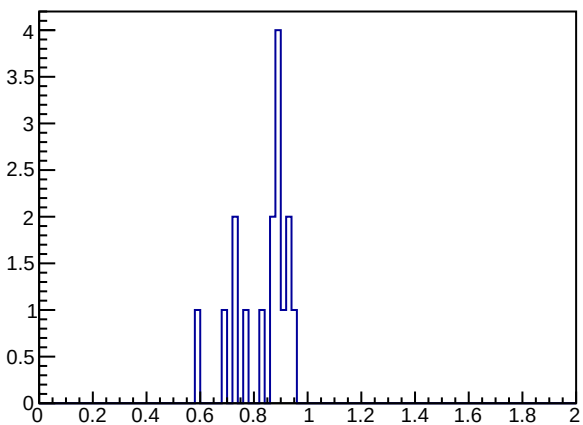

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

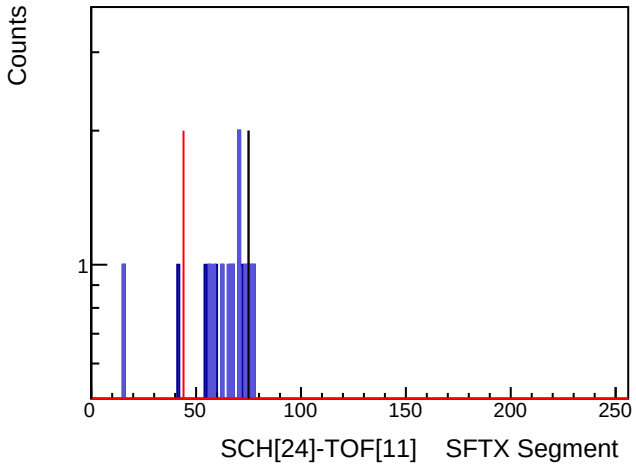

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

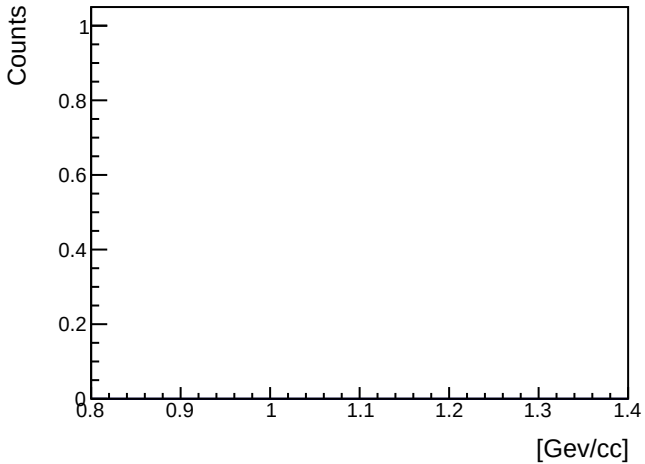

Counts
1
0
50
100
150
200
250
SCH[24]-TOF[10] SFTX Segment

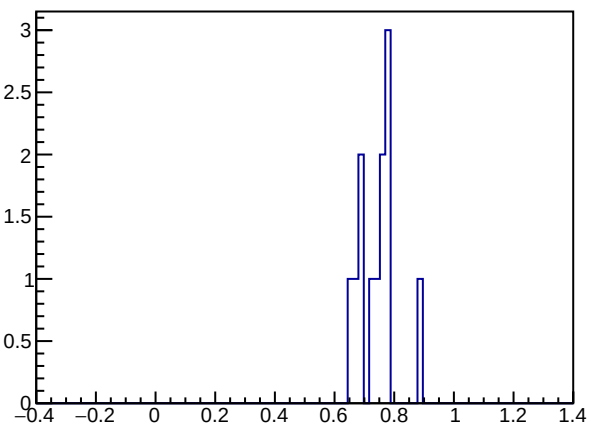

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

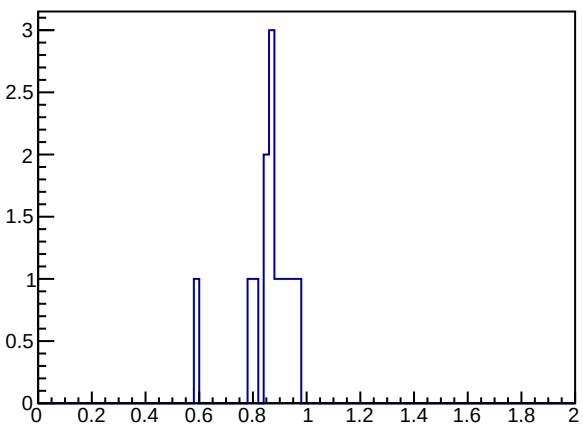

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

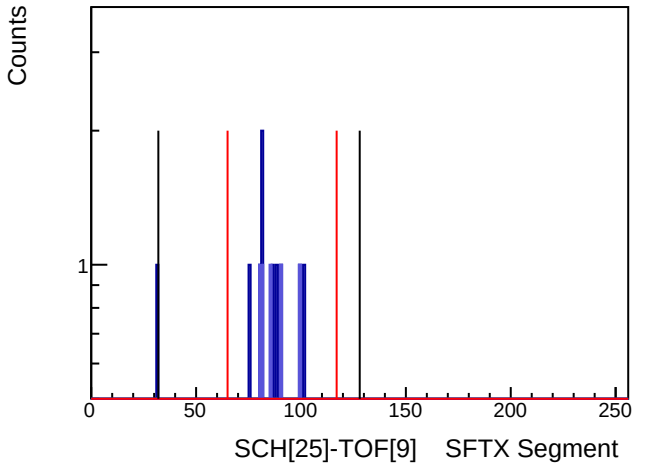

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

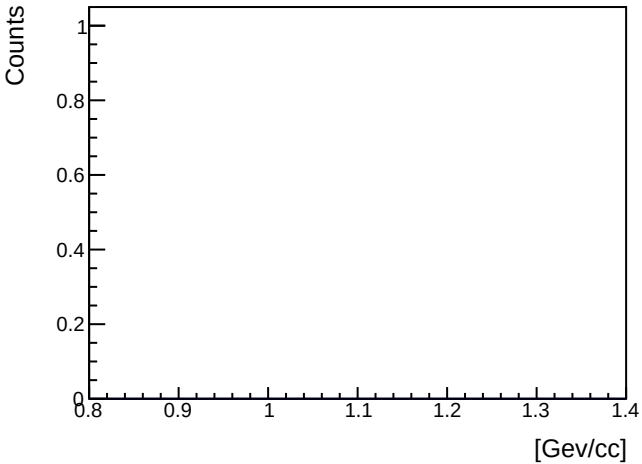

Counts
1
0
50
100
150
200
250
SCH[24]-TOF[11] SFTX Segment

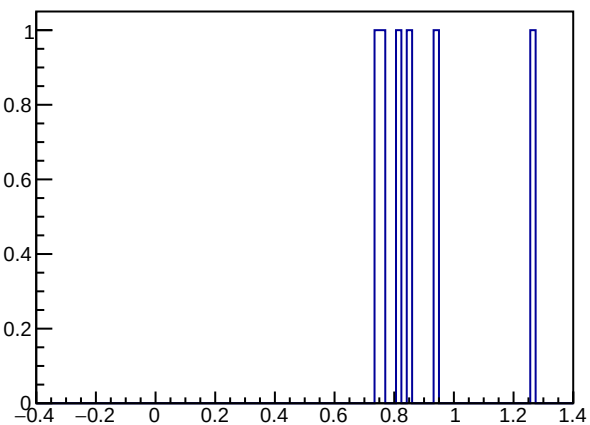

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

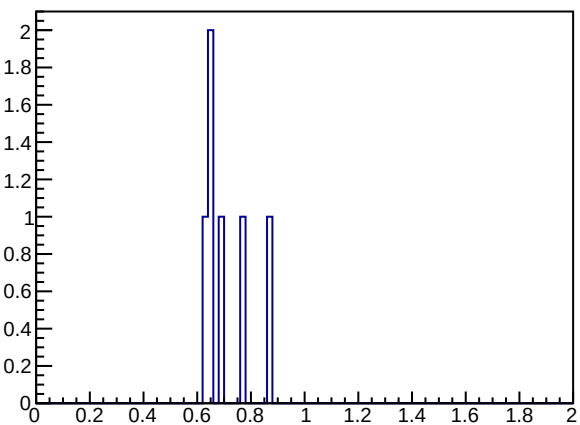

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

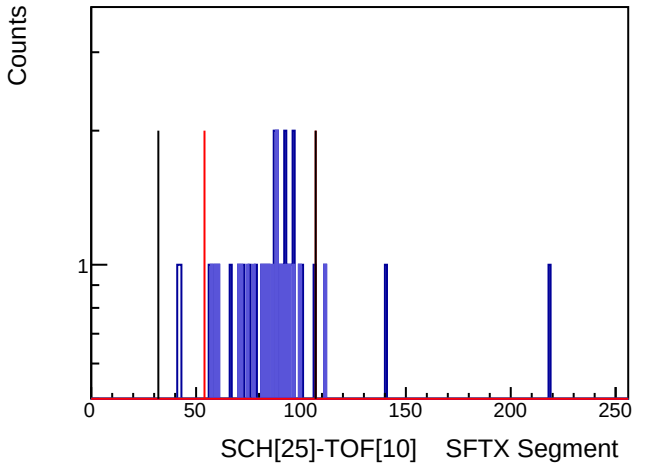

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

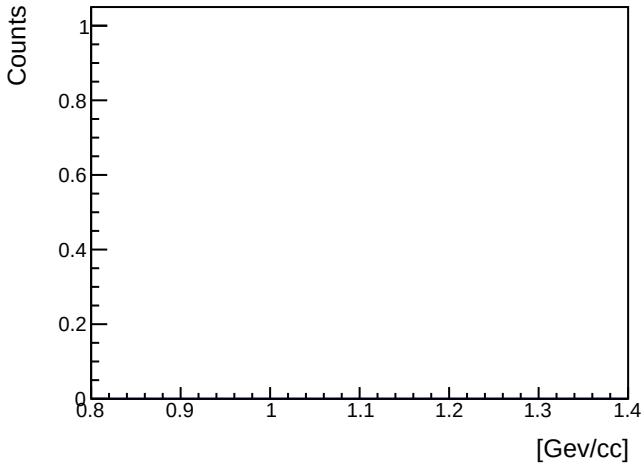

Counts
1
0
50
100
150
200
250
SCH[25]-TOF[9] SFTX Segment

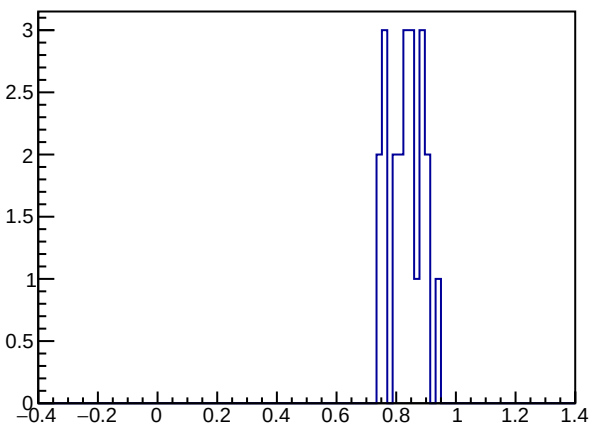

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

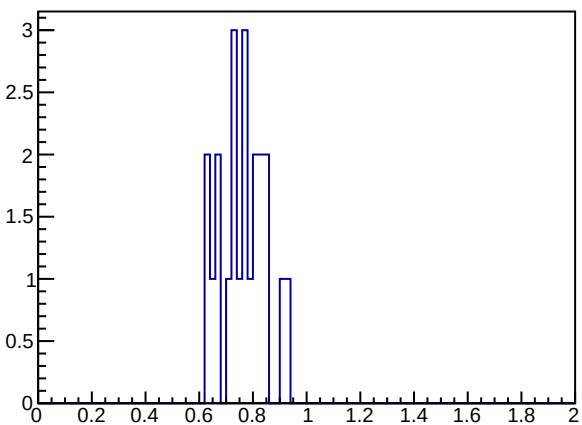

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

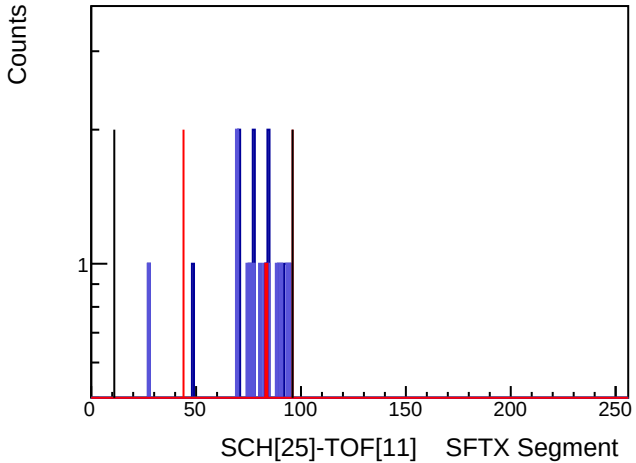

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

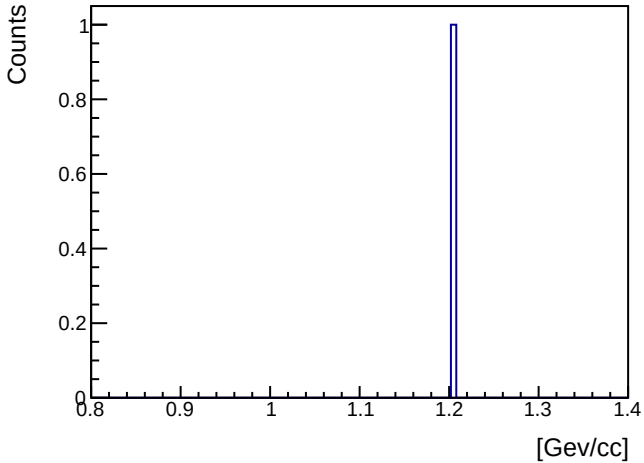

Counts
1
0
50
100
150
200
250
SCH[25]-TOF[10] SFTX Segment

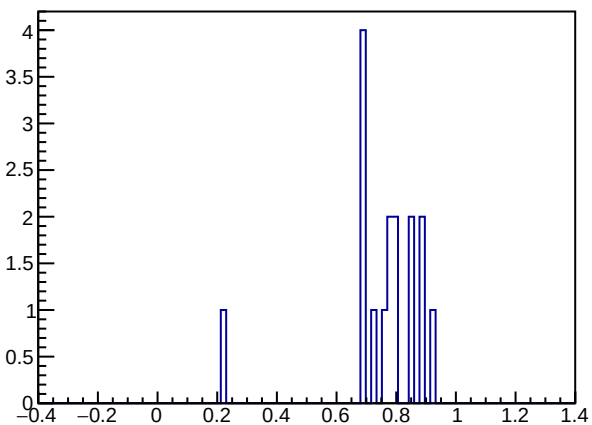

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

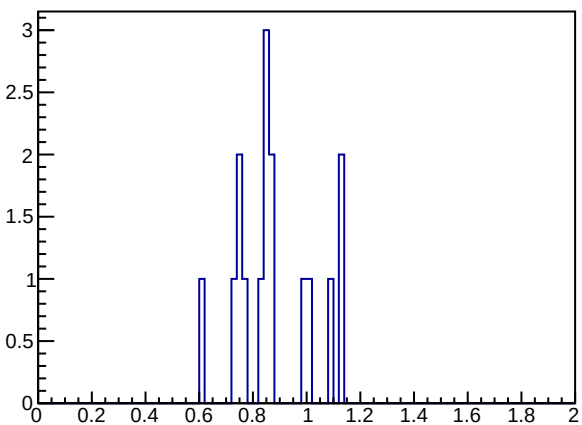

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

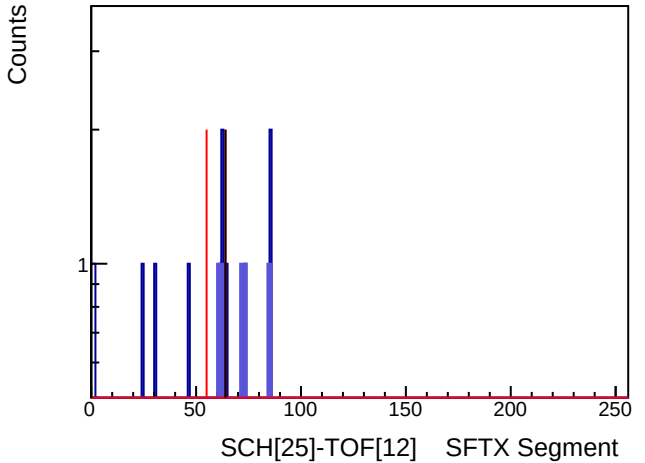

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

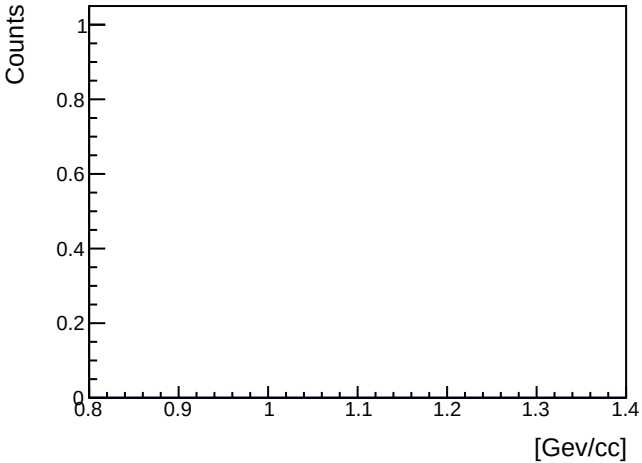

Counts
1
0
50
100
150
200
250
SCH[25]-TOF[11] SFTX Segment

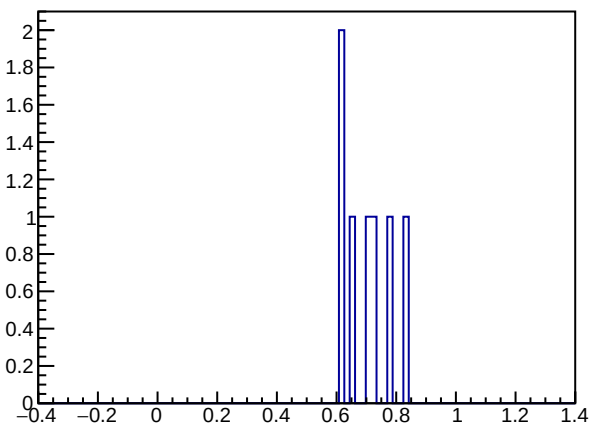

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

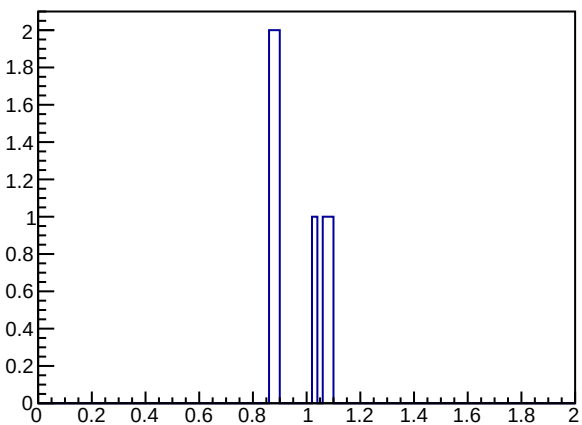

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

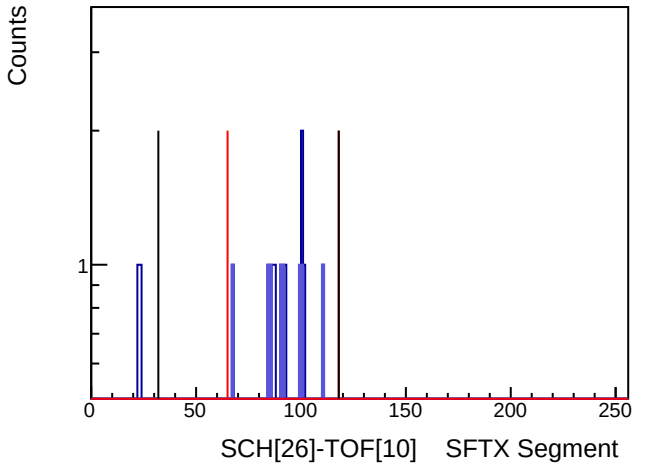

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

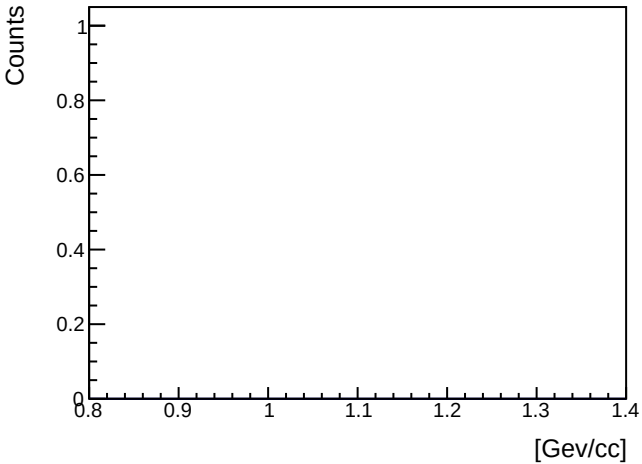

Counts
1
0
50
100
150
200
250
SCH[25]-TOF[12] SFTX Segment

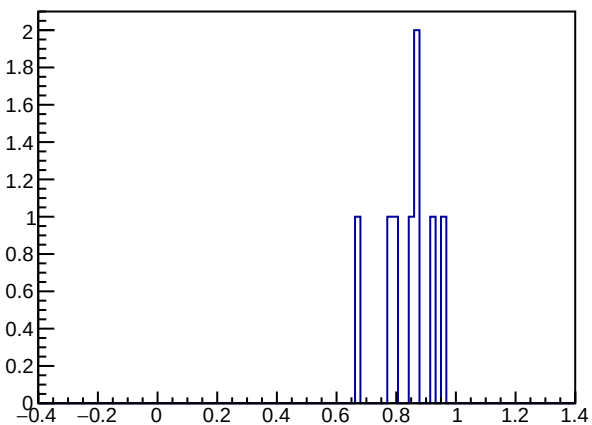

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

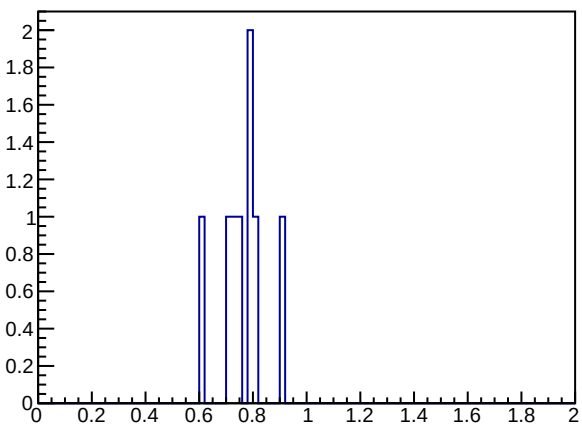

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

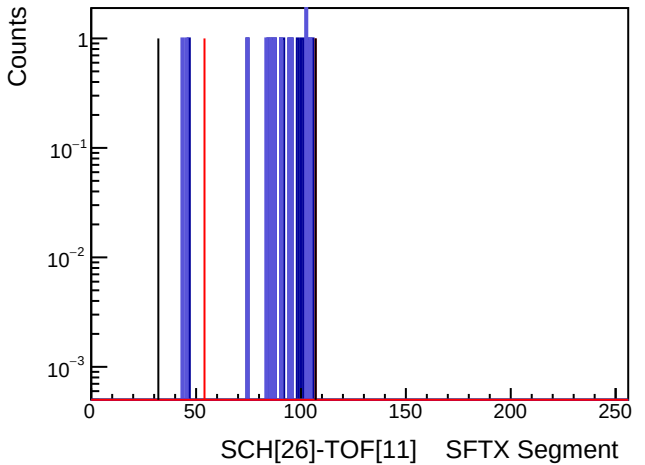

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

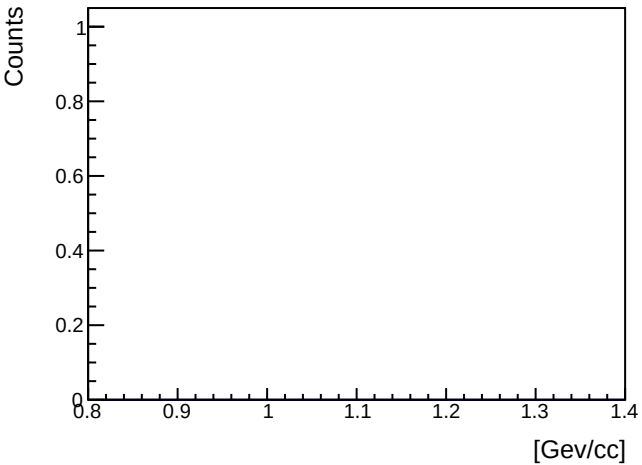

Counts
1
0
50
100
150
200
250
SCH[26]-TOF[10] SFTX Segment

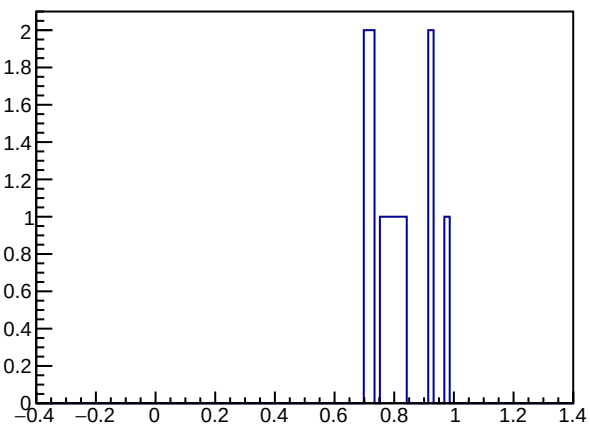

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

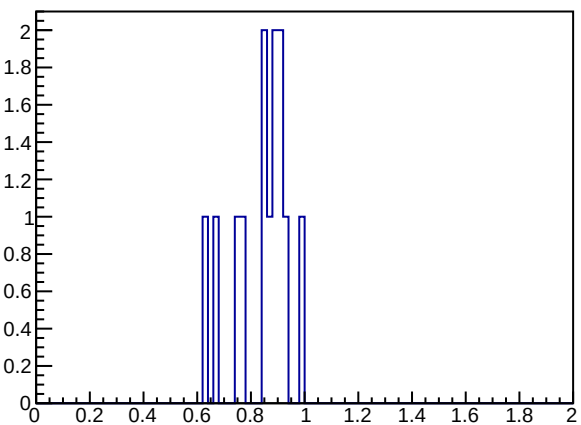

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

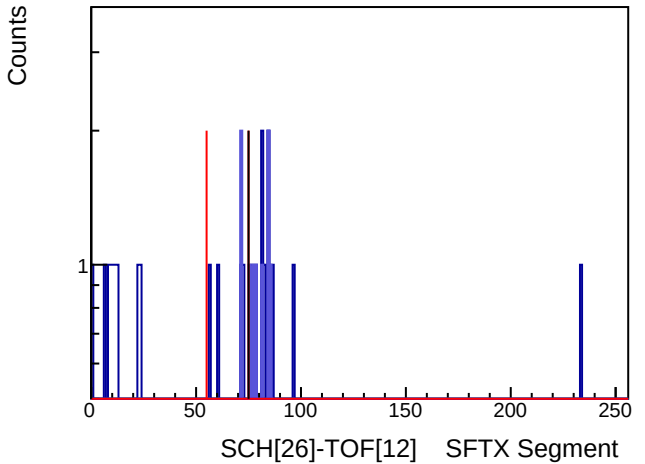

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

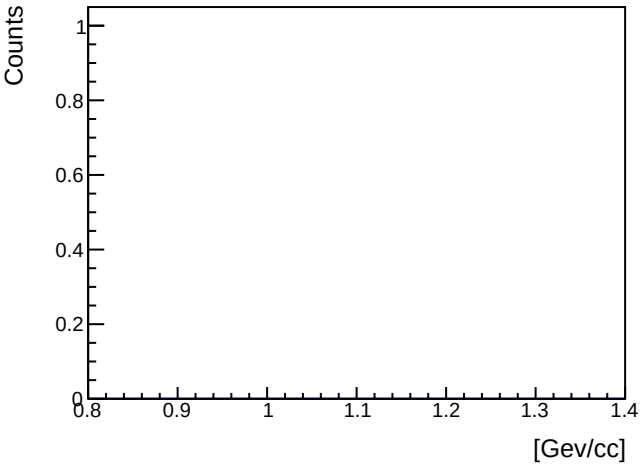

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[26]-TOF[11] SFTX Segment

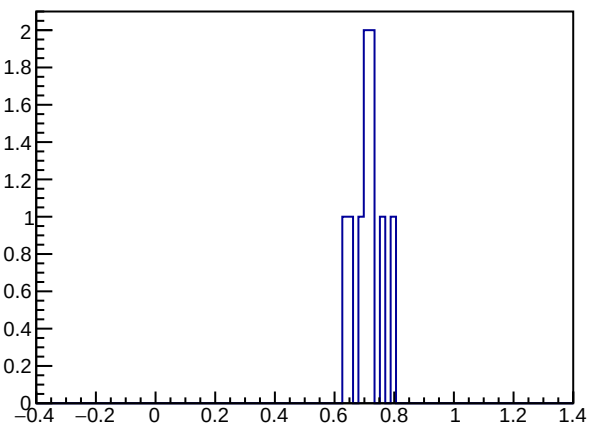

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

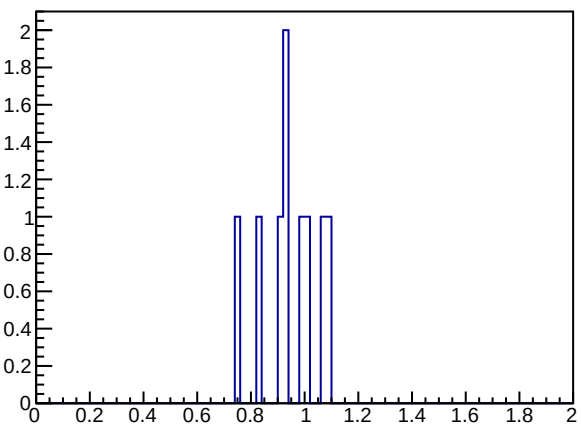

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

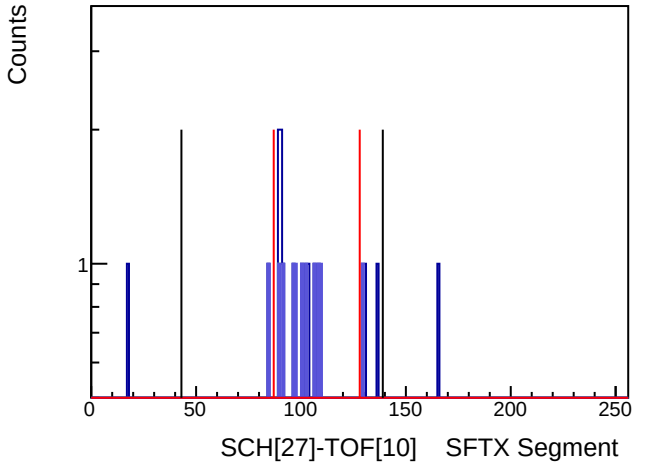

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

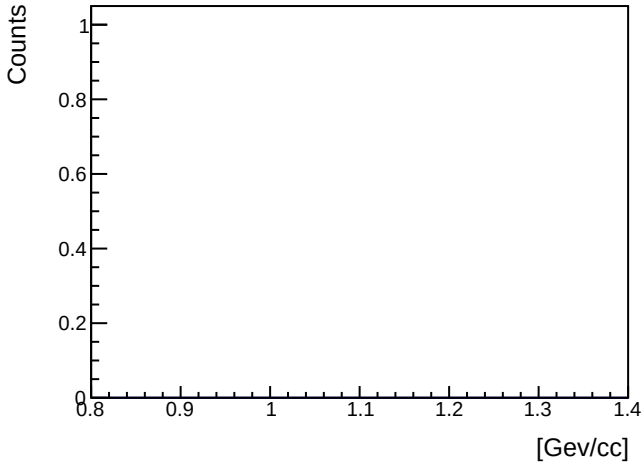

Counts
1
0
50
100
150
200
250
SCH[26]-TOF[12] SFTX Segment

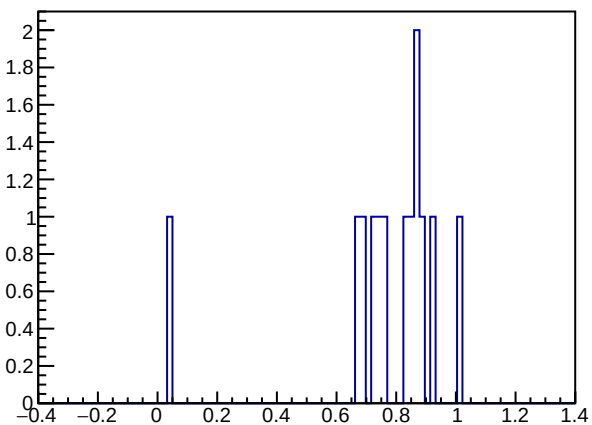

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

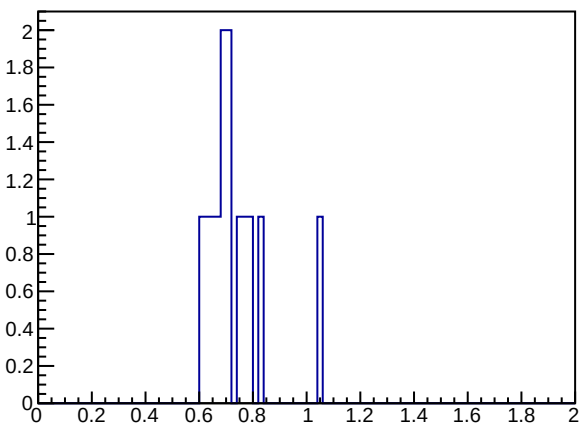

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

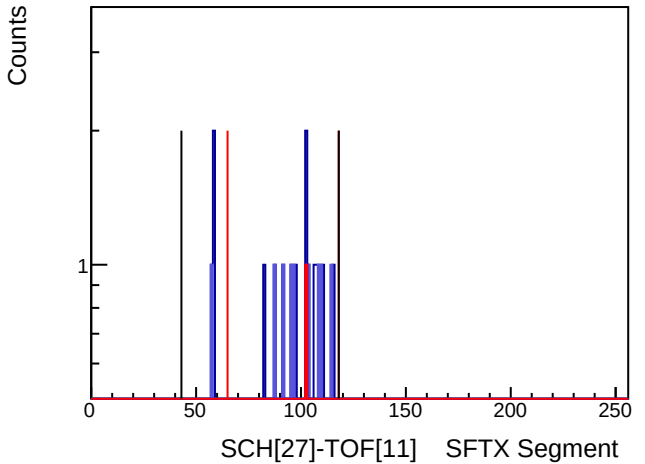

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

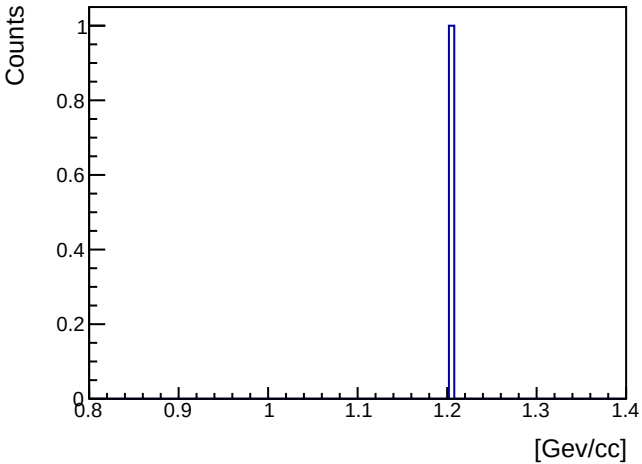

Counts
1
0
50
100
150
200
250
SCH[27]-TOF[10] SFTX Segment

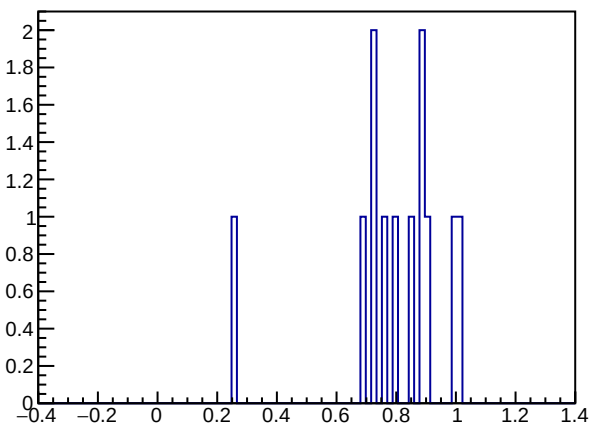

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

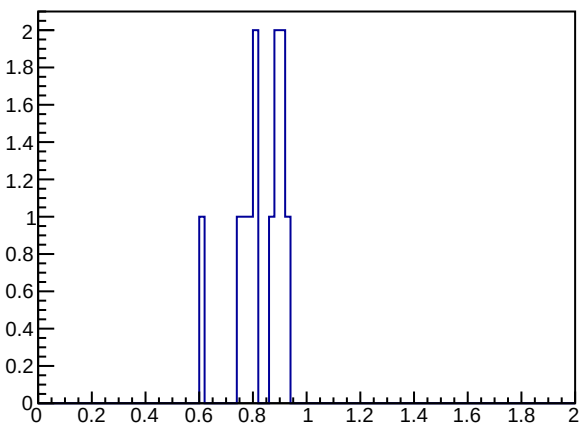

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

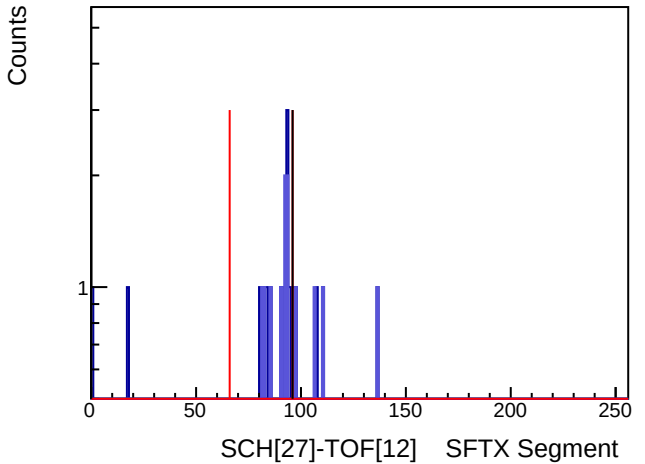

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

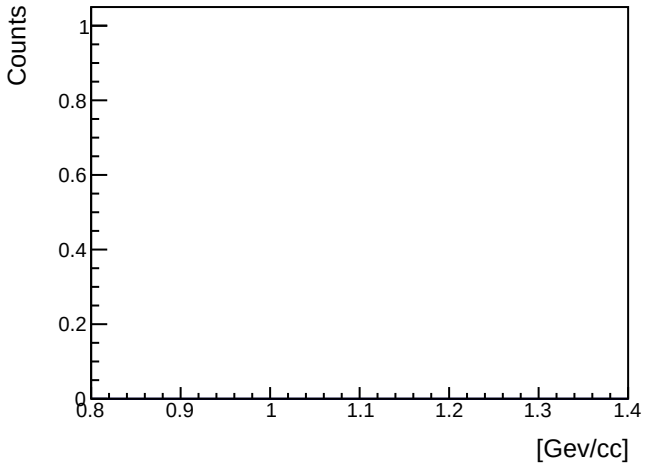

Counts
1
0
50
100
150
200
250
SCH[27]-TOF[11] SFTX Segment

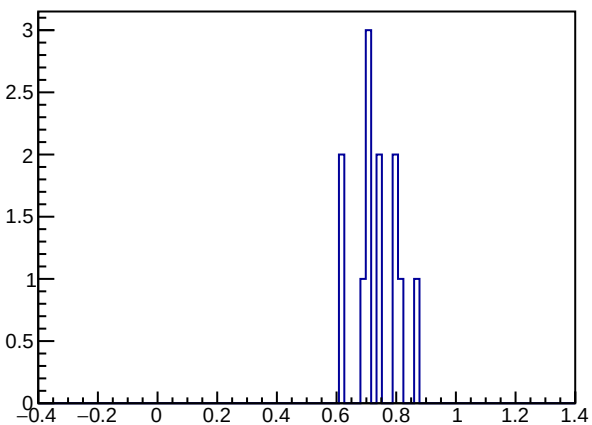

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

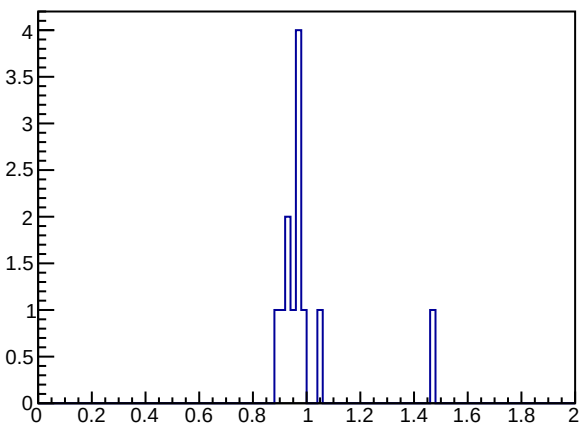

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

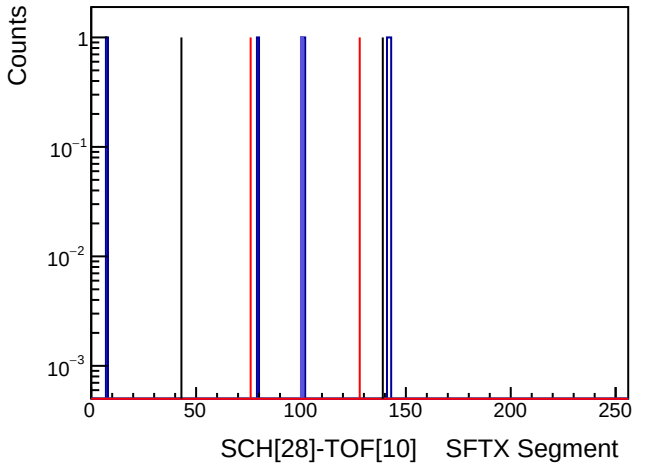

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

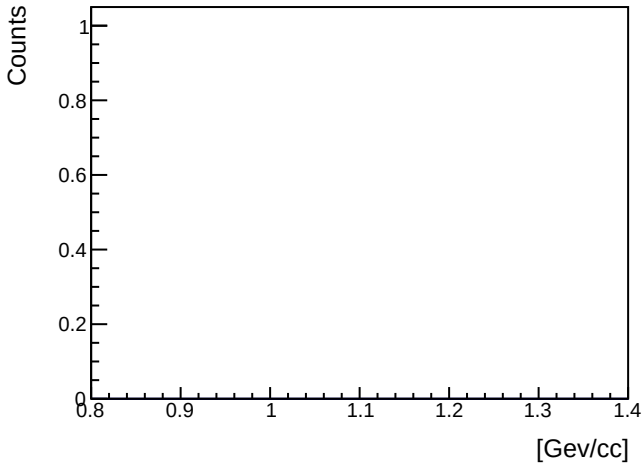

Counts
1
0
50
100
150
200
250
SCH[27]-TOF[12] SFTX Segment

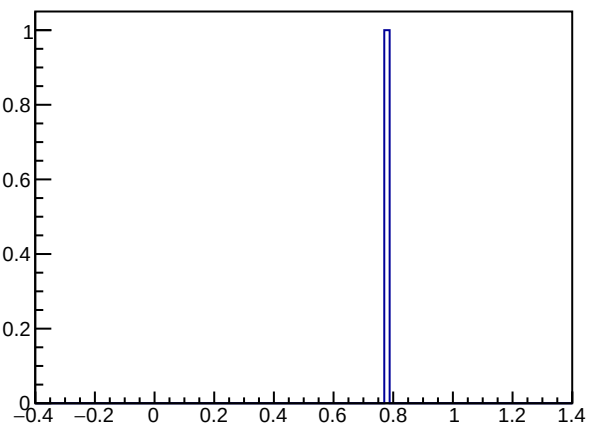

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

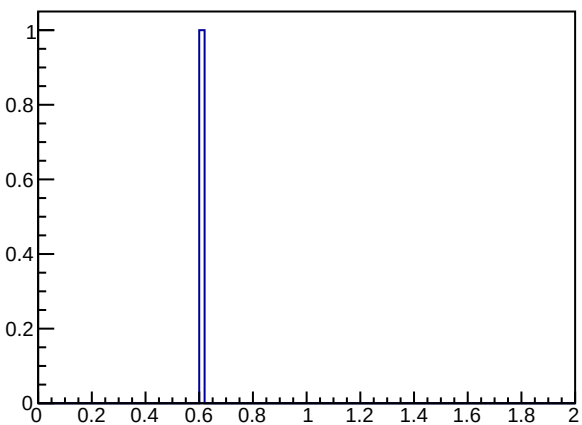

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

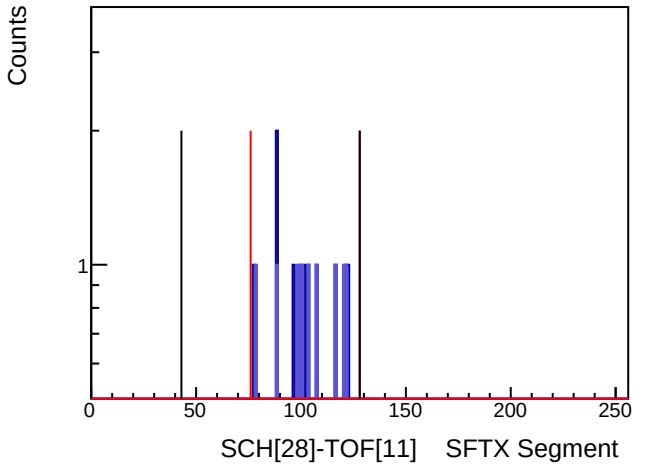

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

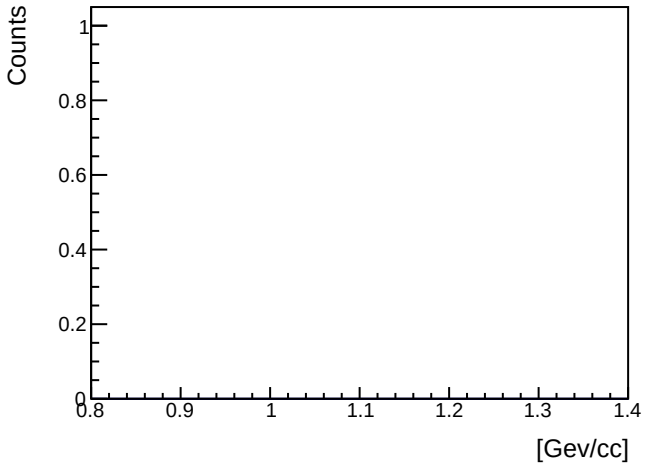

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[28]-TOF[10] SFTX Segment

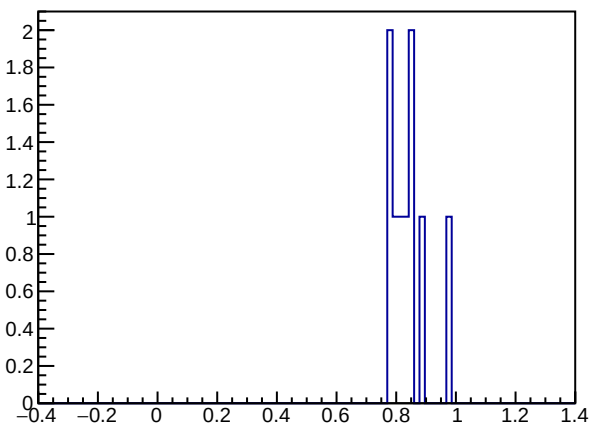

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

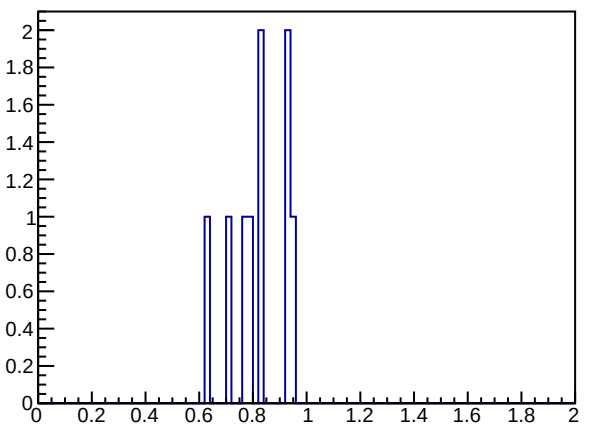

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

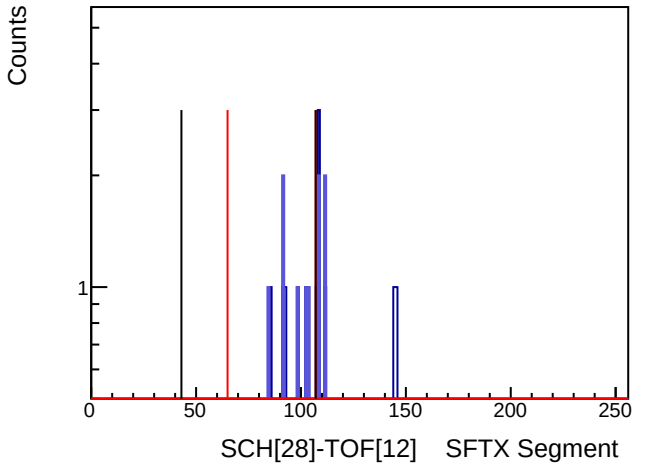

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

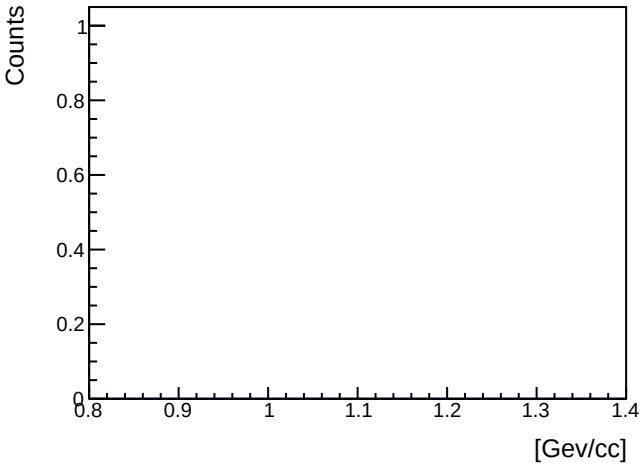

Counts
1
0
50
100
150
200
250
SCH[28]-TOF[11] SFTX Segment

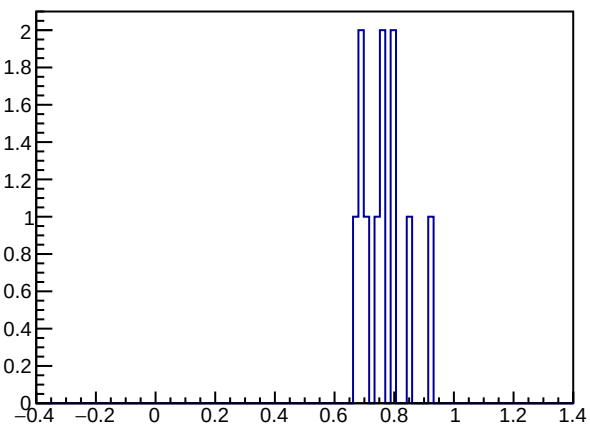

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

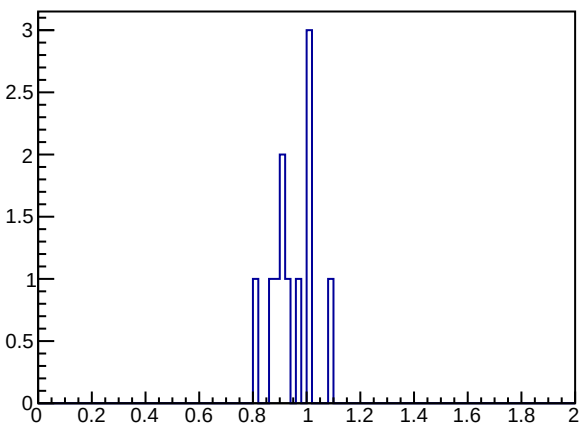

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

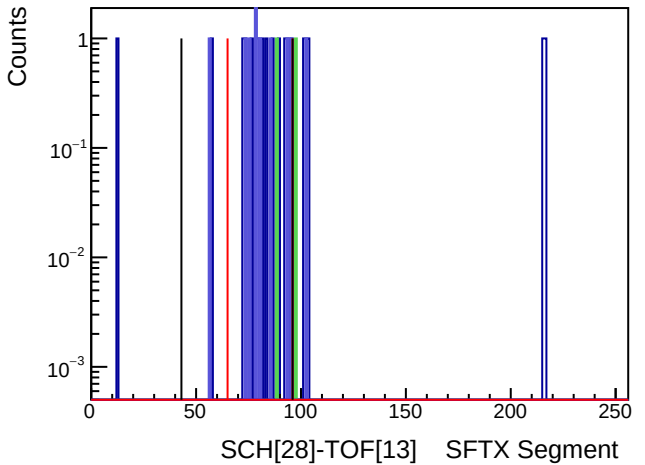

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

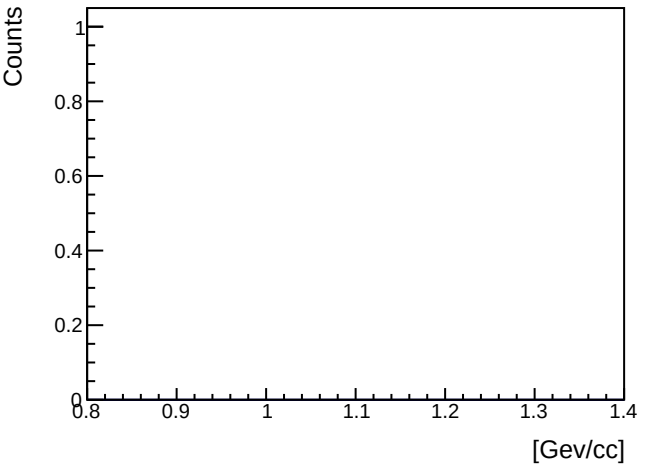

Counts
1
0
50
100
150
200
250
SCH[28]-TOF[12] SFTX Segment

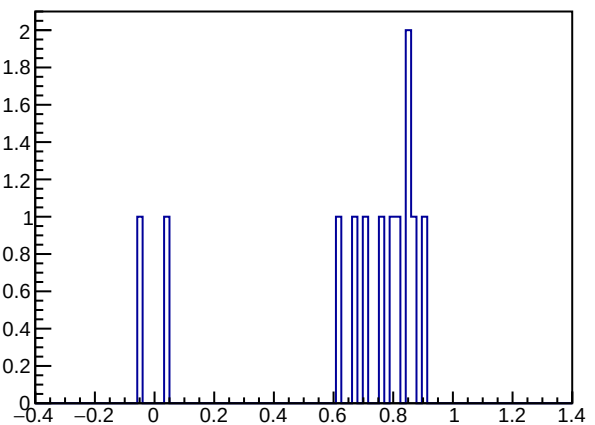

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

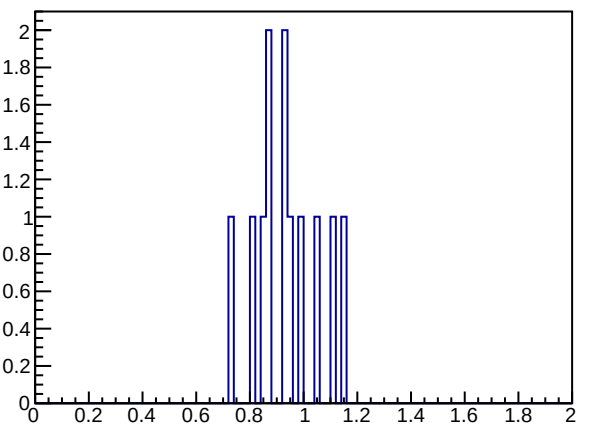

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

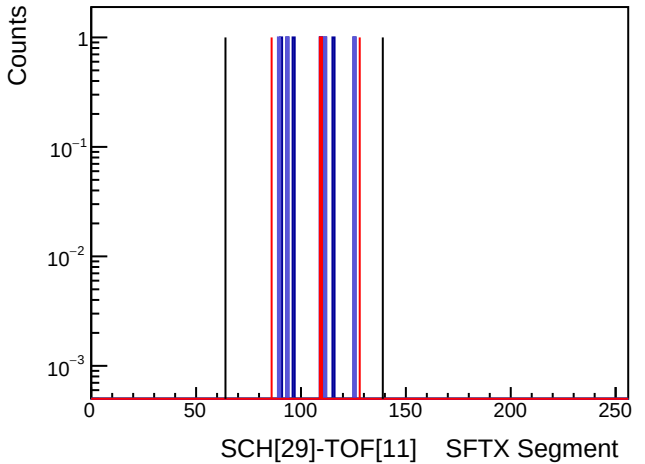

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

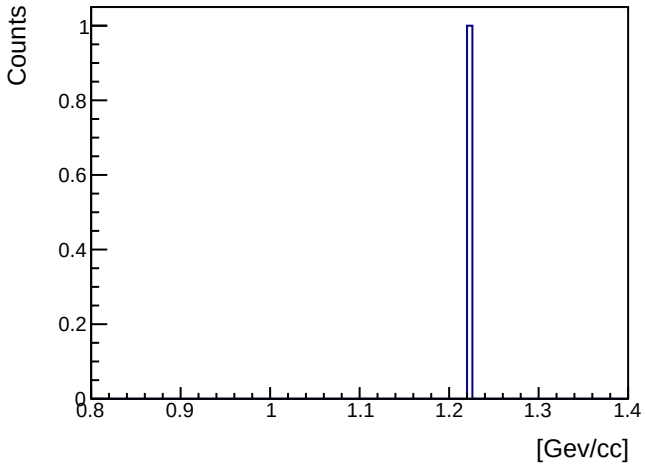

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[28]-TOF[13] SFTX Segment

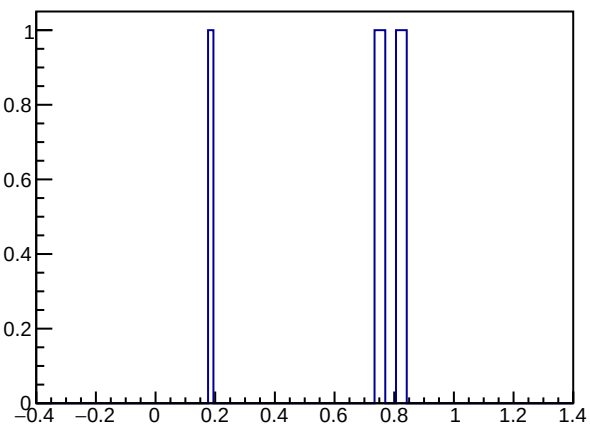

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

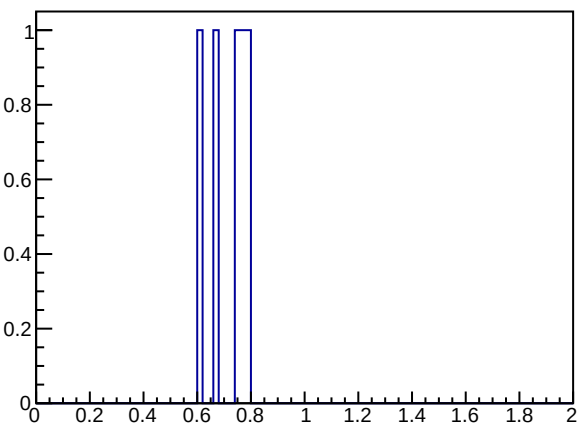

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

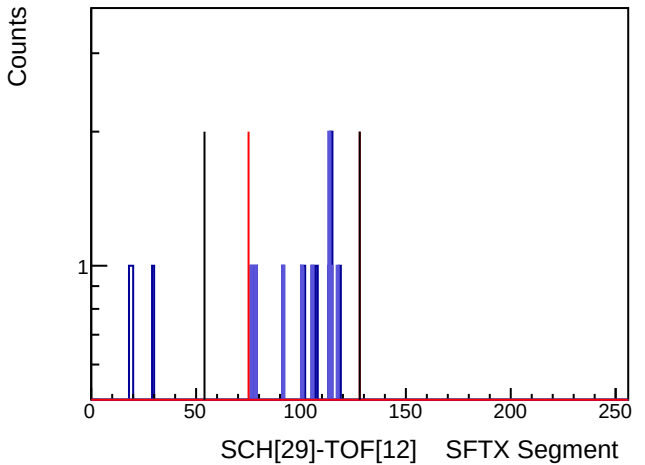

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

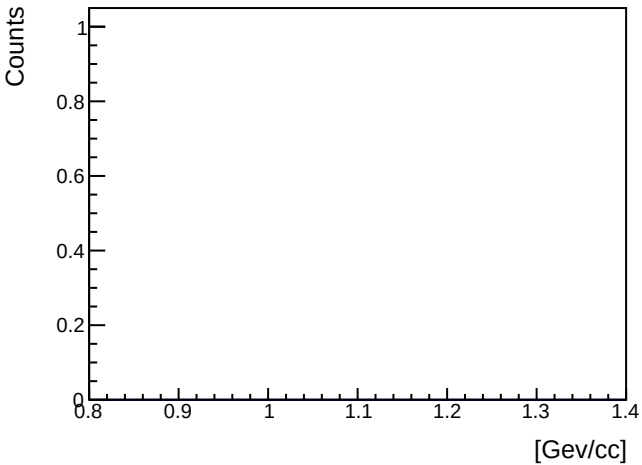

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[29]-TOF[11] SFTX Segment

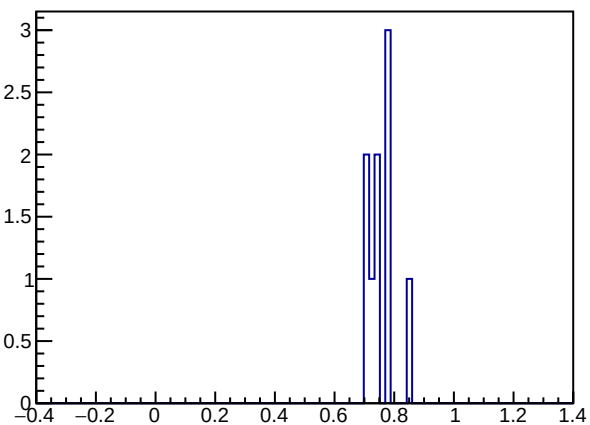

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

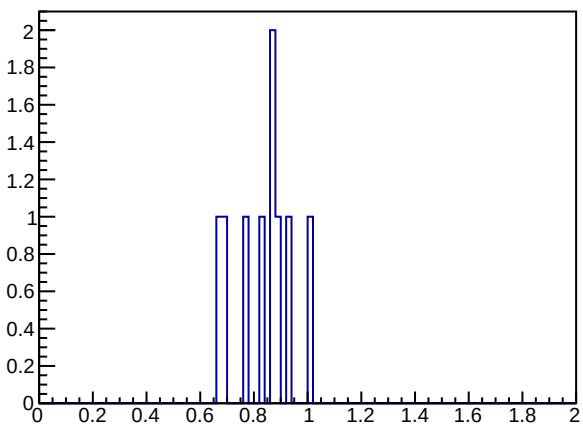

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

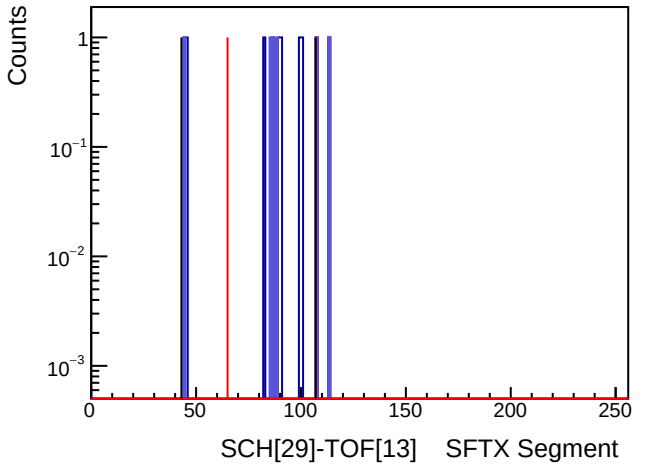

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

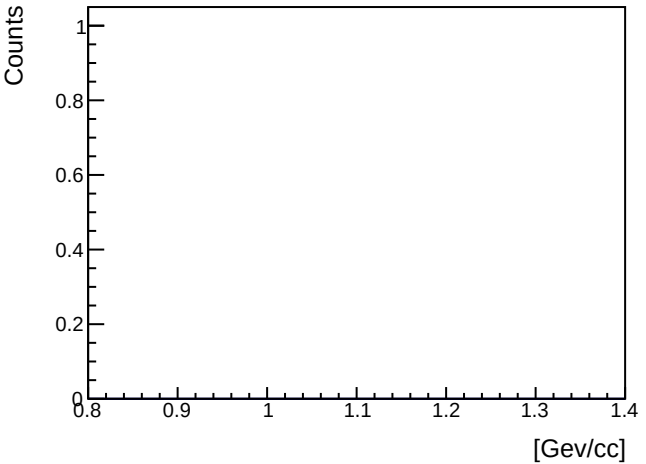

Counts
1
0
50
100
150
200
250
SCH[29]-TOF[12] SFTX Segment

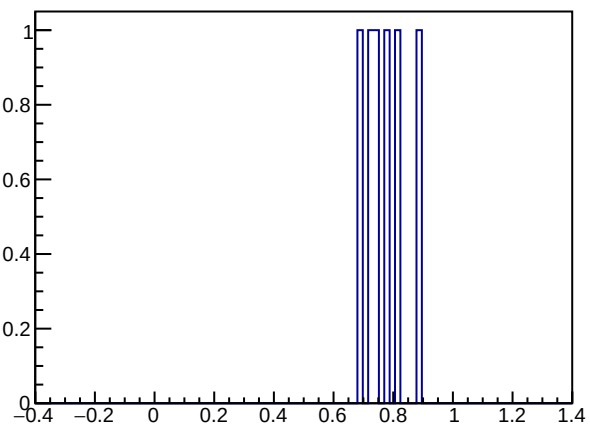

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

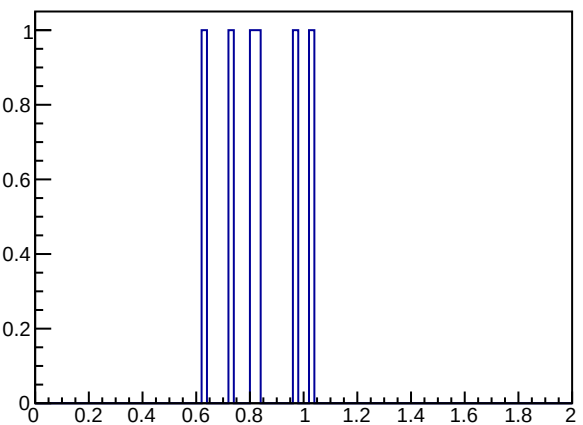

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

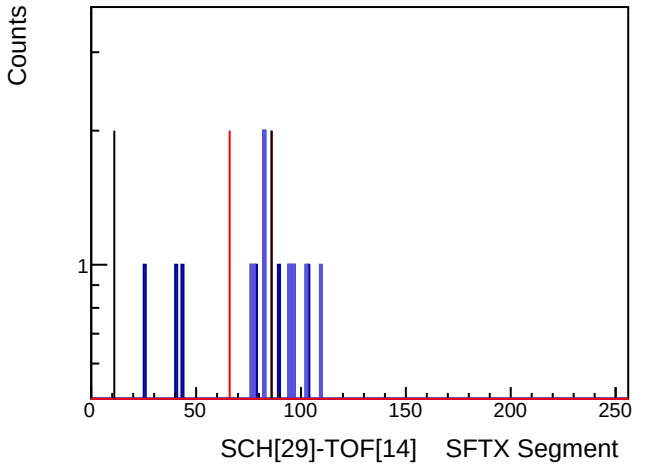

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

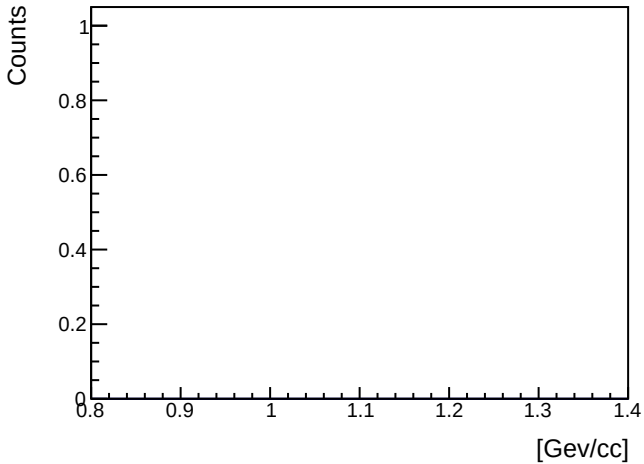

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[29]-TOF[13] SFTX Segment

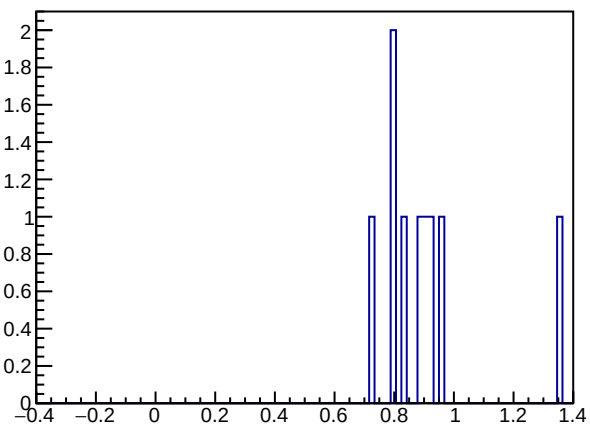

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

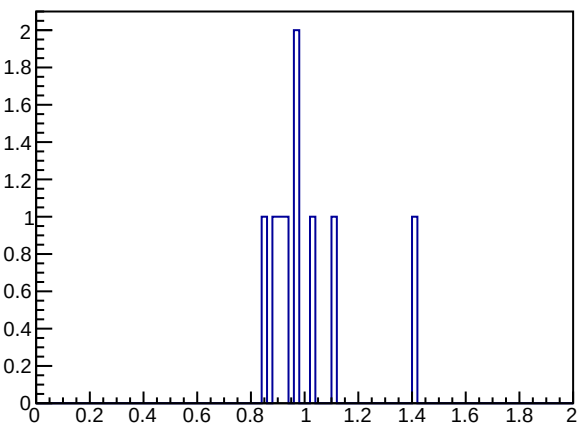

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

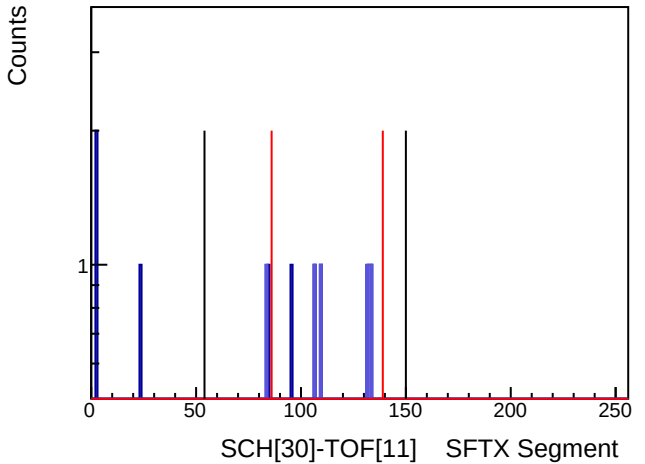

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

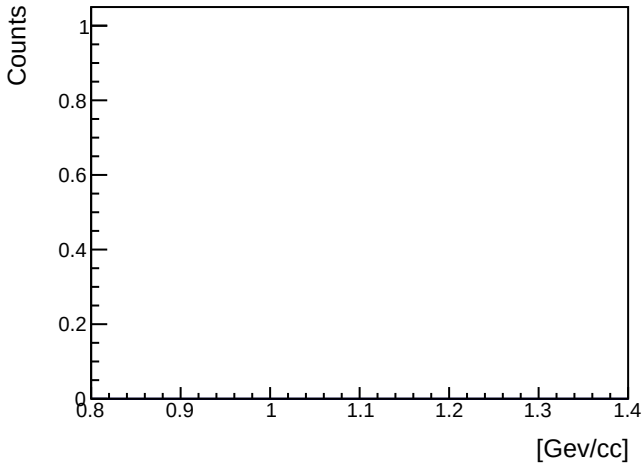

Counts
1
0
50
100
150
200
250
SCH[29]-TOF[14] SFTX Segment

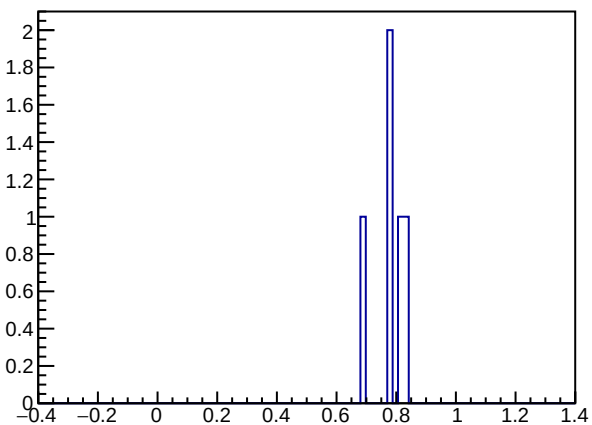

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

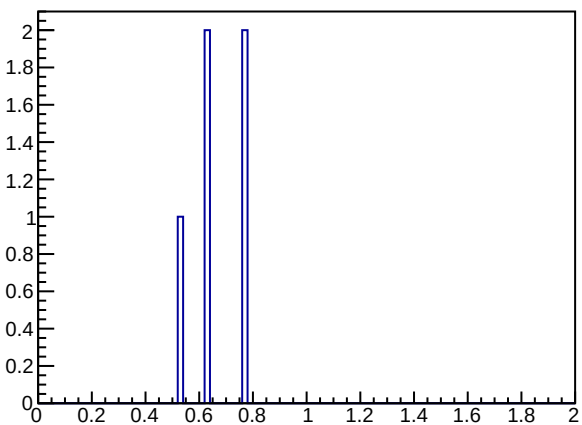

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

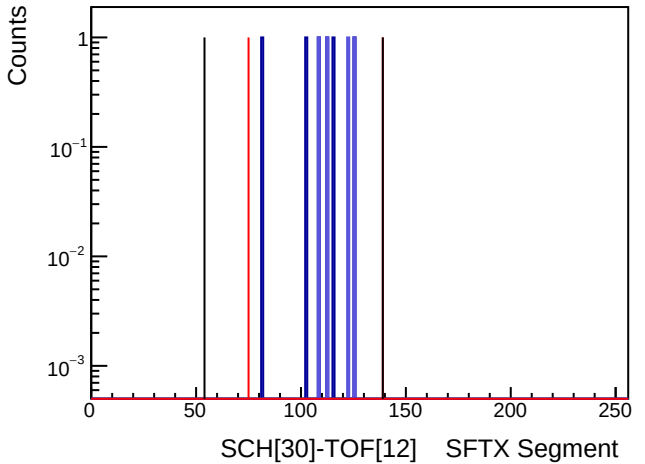

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

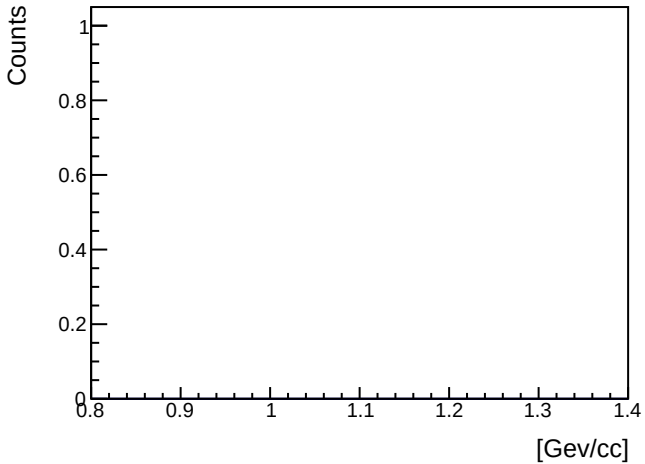

Counts
1
0
50
100
150
200
250
SCH[30]-TOF[11] SFTX Segment

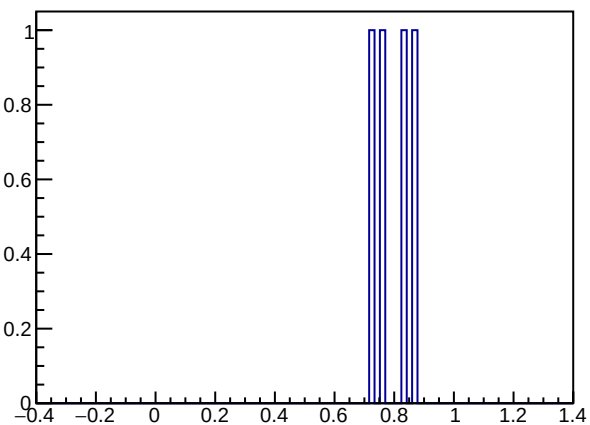

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

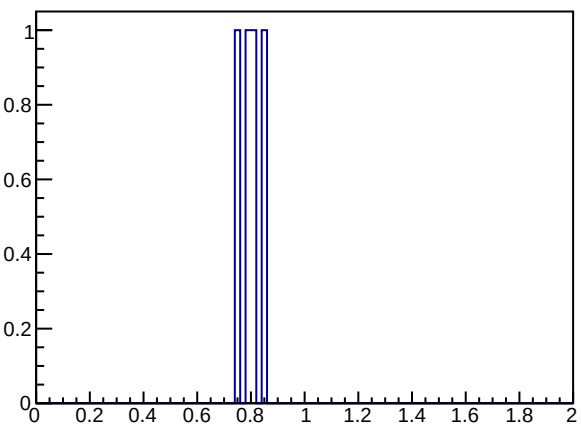

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

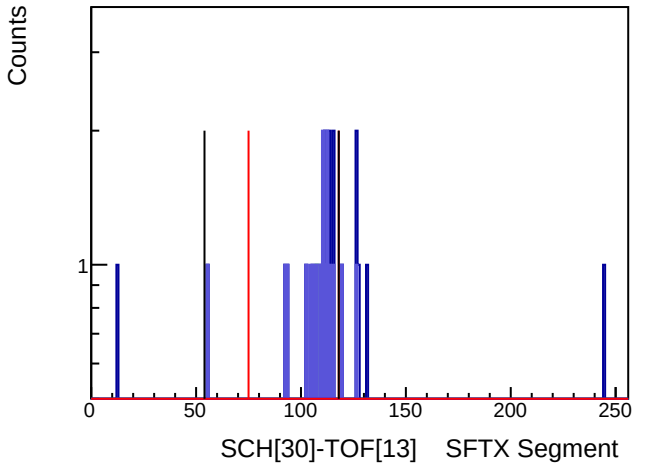

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

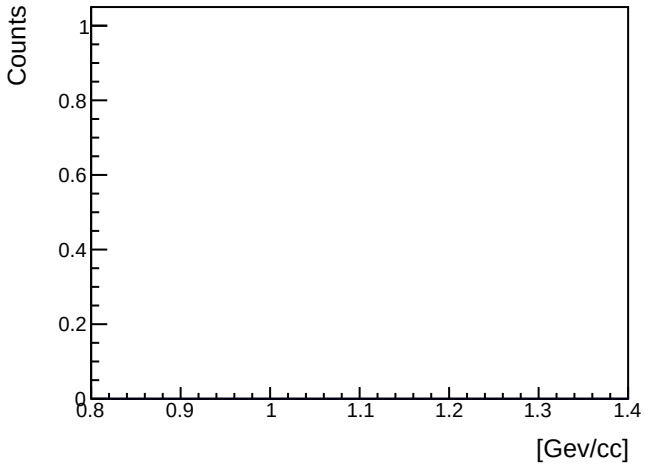

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[30]-TOF[12] SFTX Segment

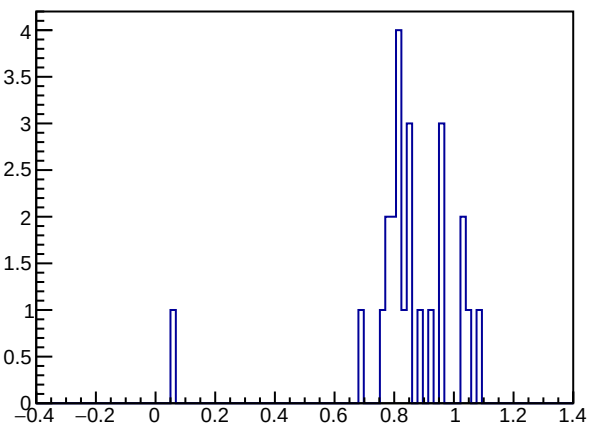

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

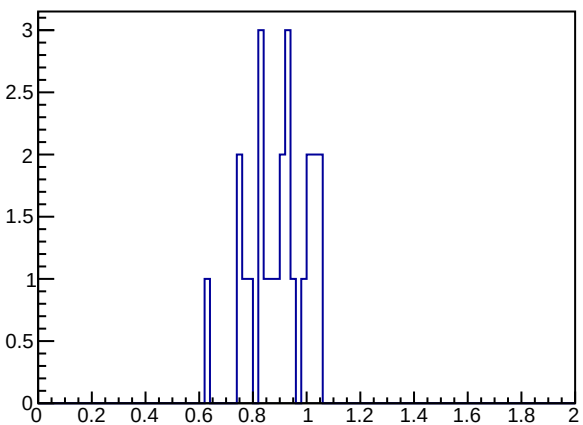

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

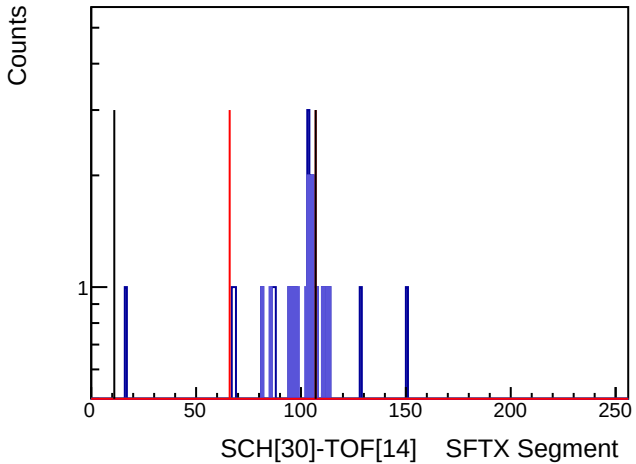

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

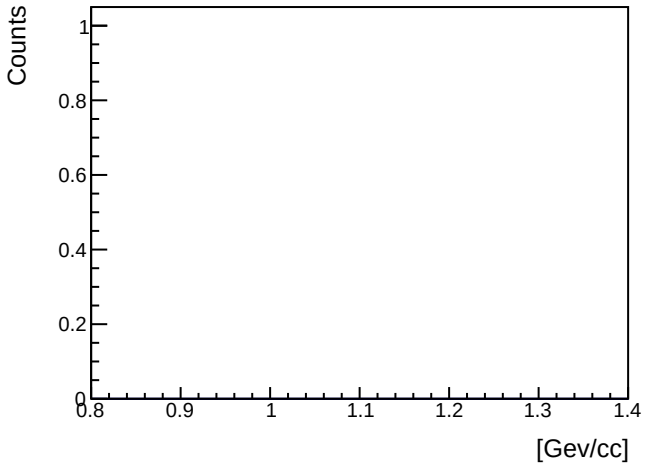

Counts
1
0
50
100
150
200
250
SCH[30]-TOF[13] SFTX Segment

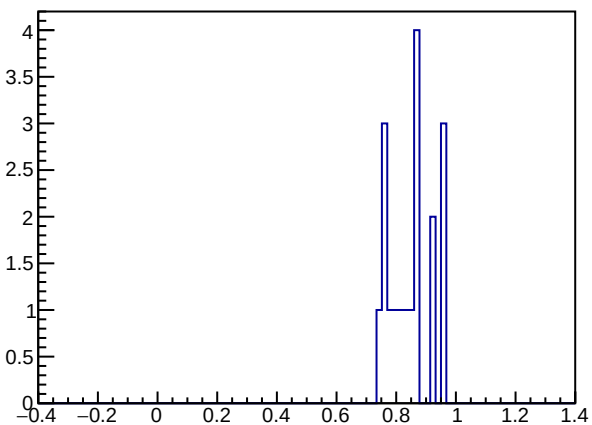

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

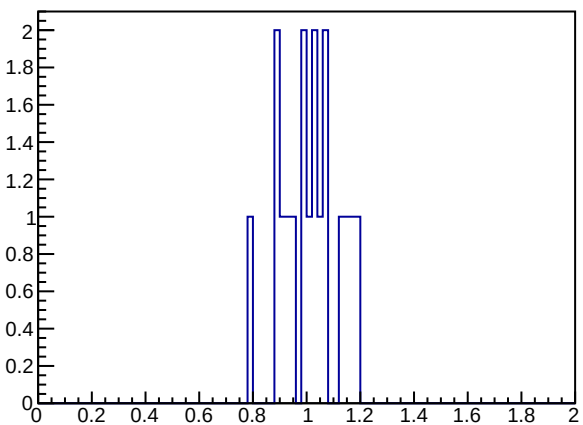

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

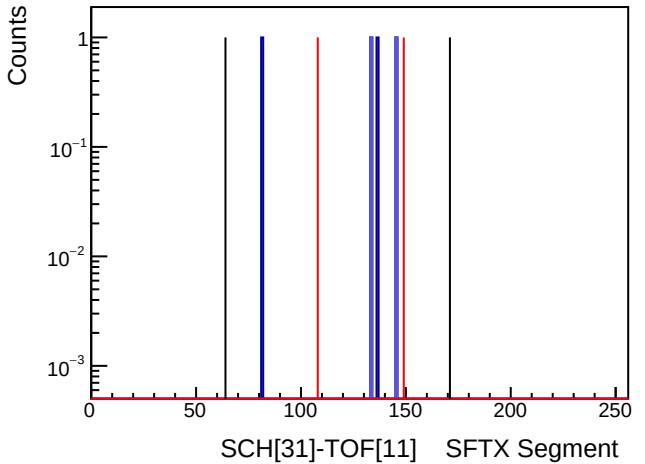

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

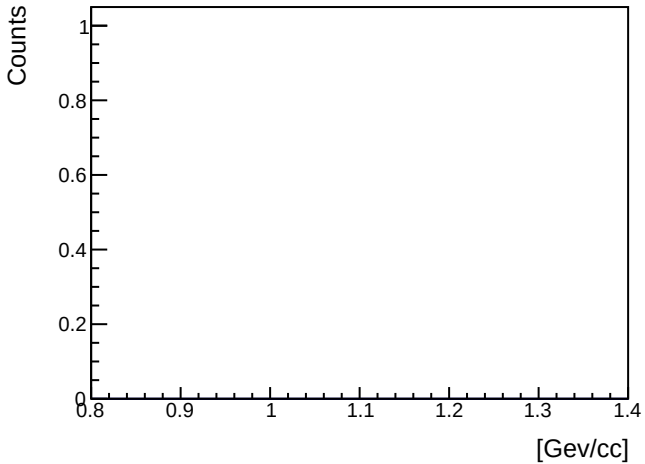

Counts
1
0
50
100
150
200
250
SCH[30]-TOF[14] SFTX Segment

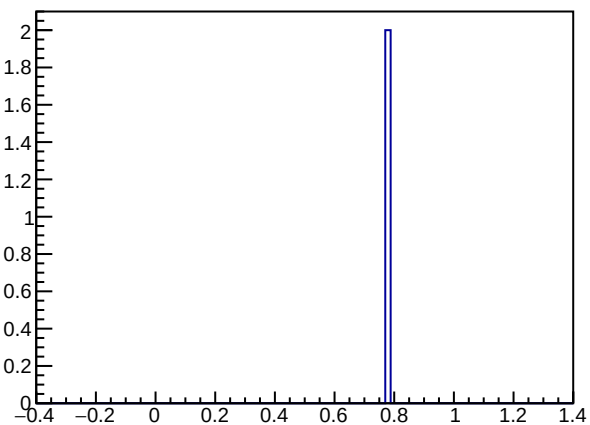

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

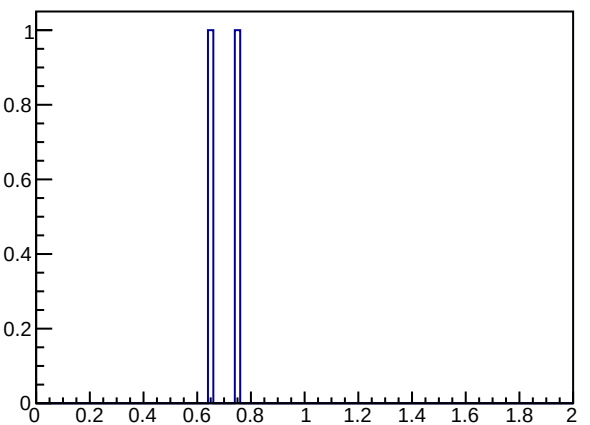

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

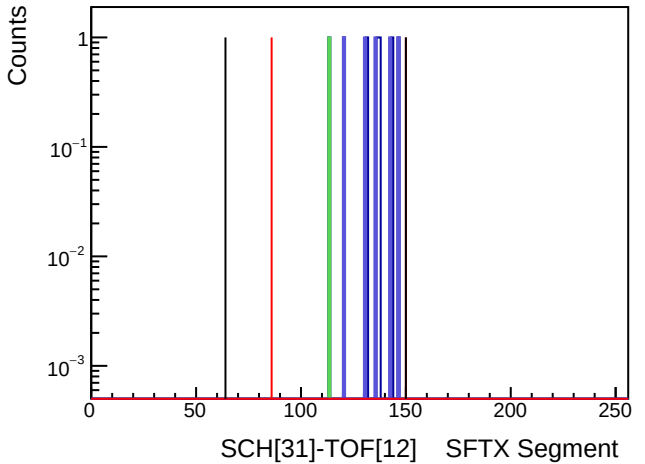

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

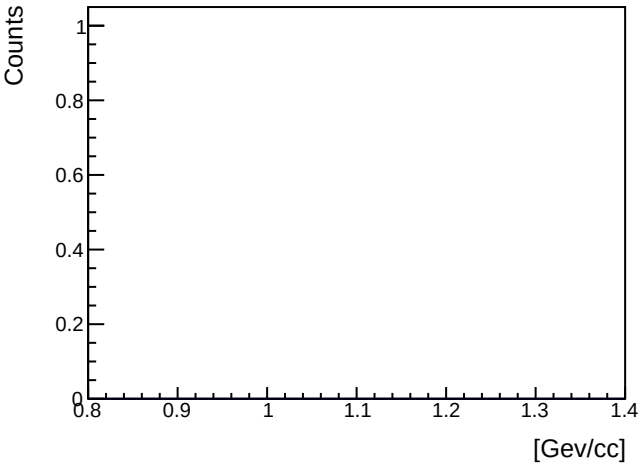

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[31]-TOF[11] SFTX Segment

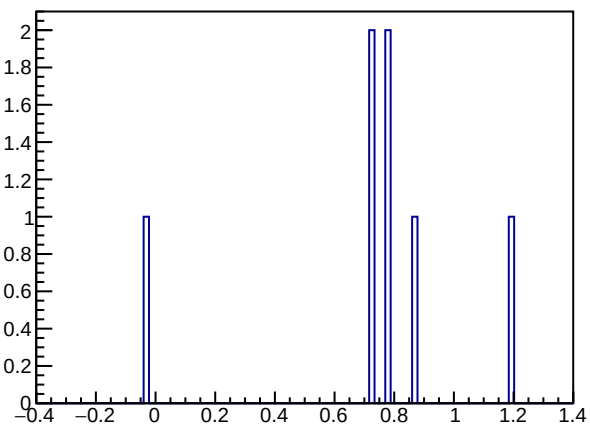

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

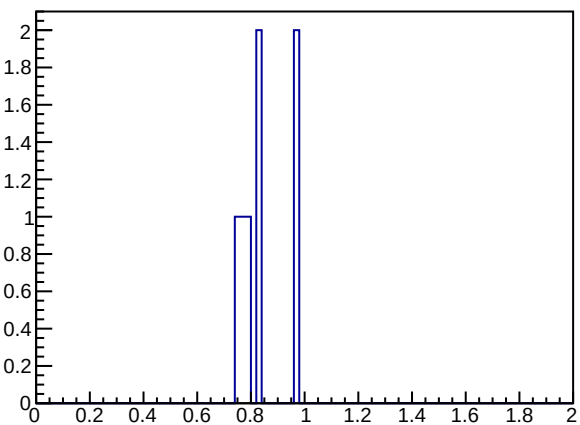

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

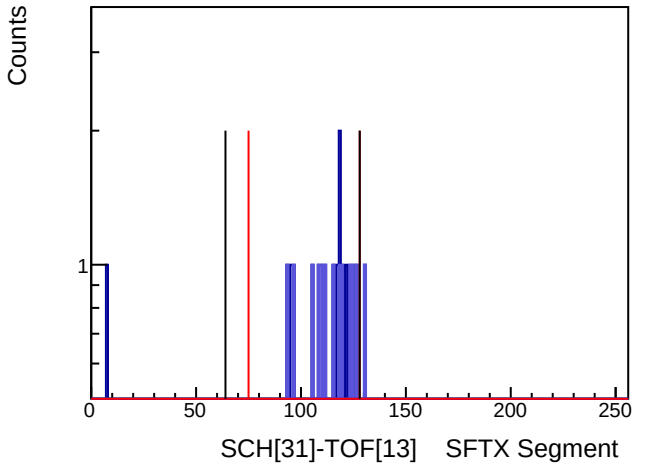

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

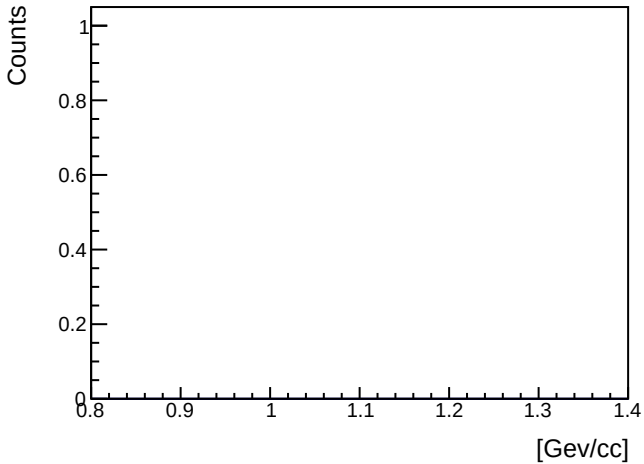

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[31]-TOF[12] SFTX Segment

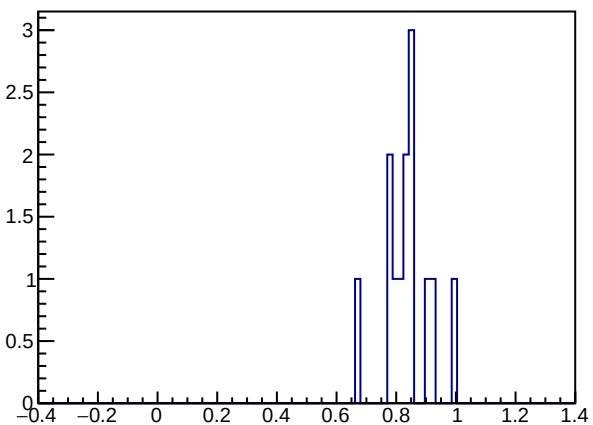

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

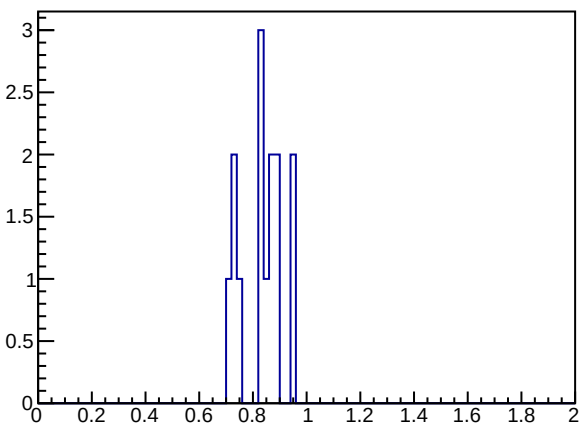

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

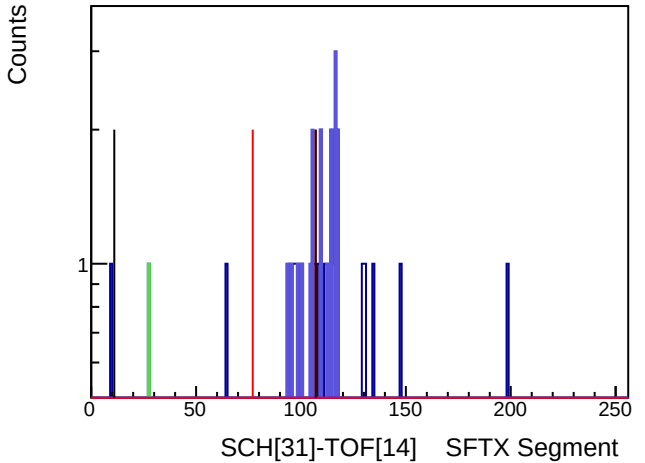

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

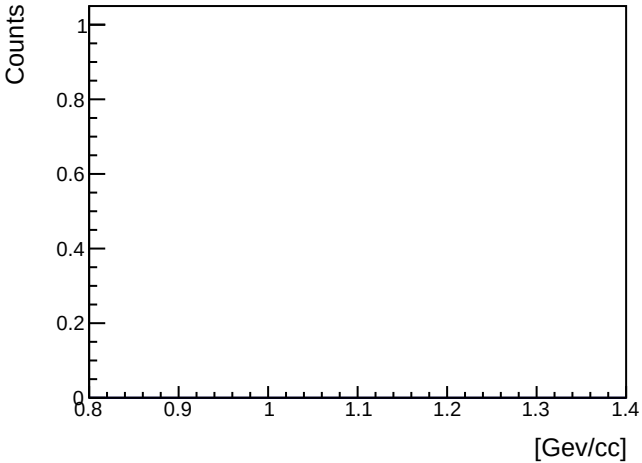

Counts
1
0
50
100
150
200
250
SCH[31]-TOF[13] SFTX Segment

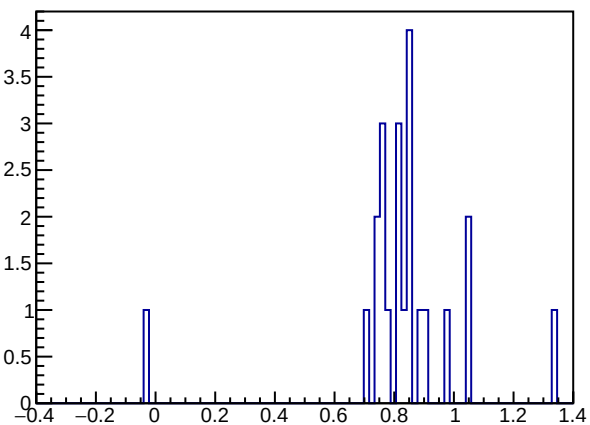

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

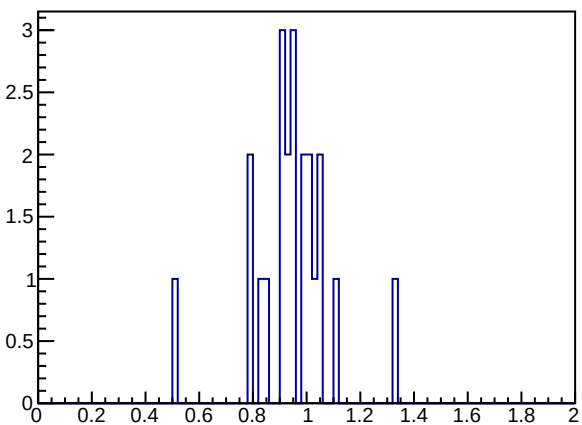

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

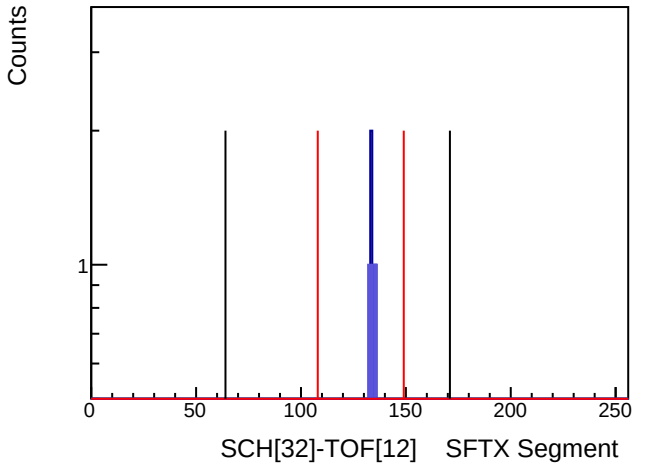

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

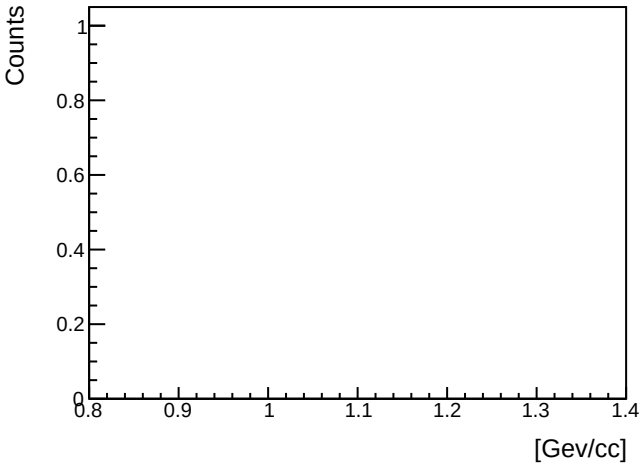

Counts
1
0
50
100
150
200
250
SCH[31]-TOF[14] SFTX Segment

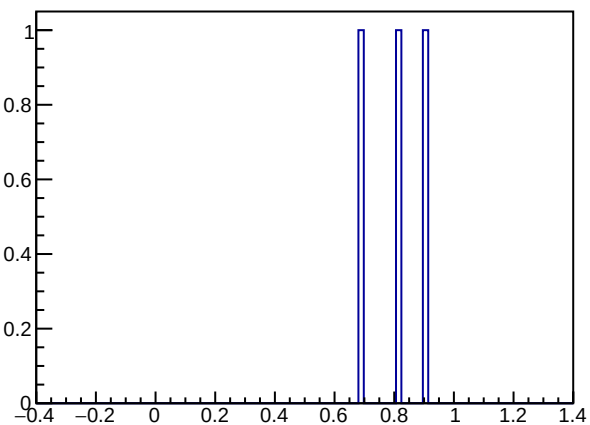

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

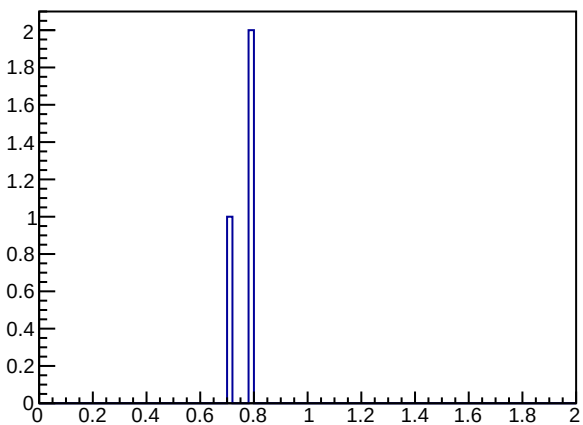

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

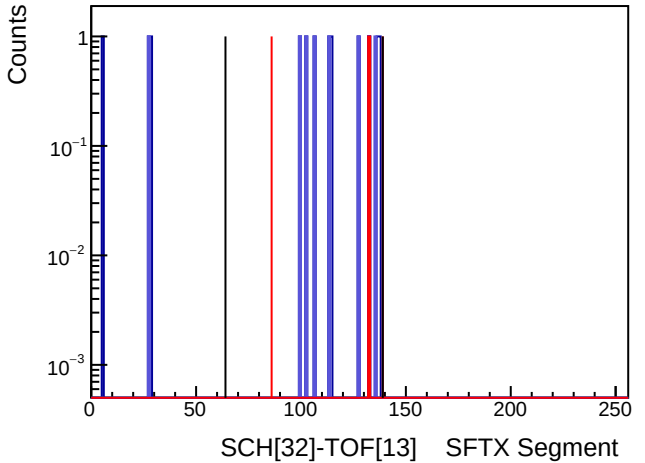

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

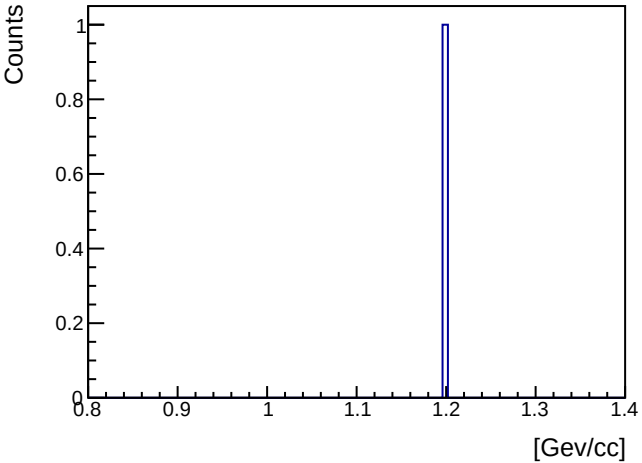

Counts
1
0
50
100
150
200
250
SCH[32]-TOF[12] SFTX Segment

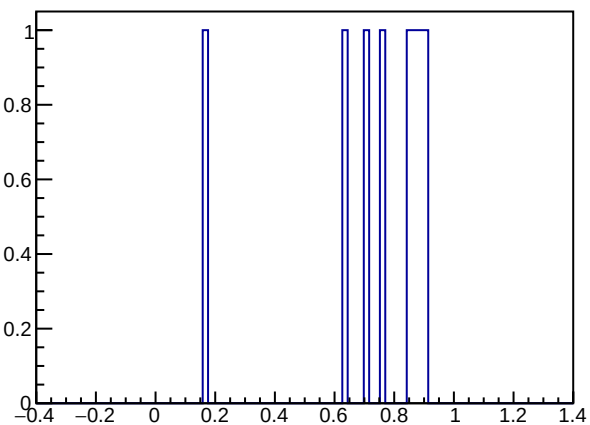

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

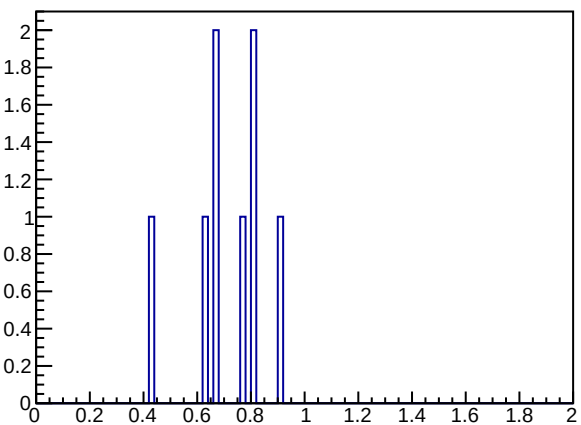

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

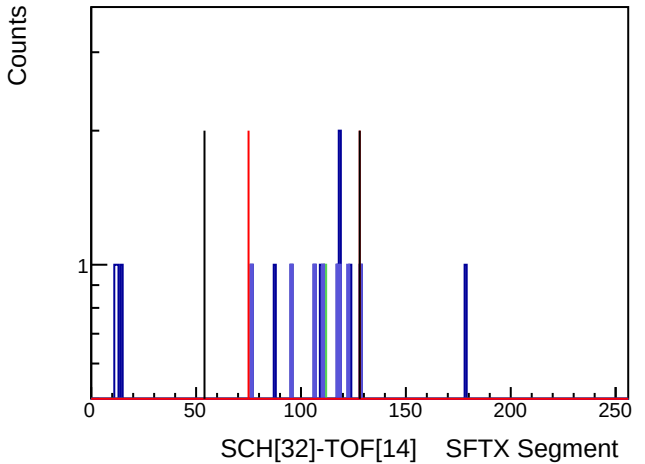

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

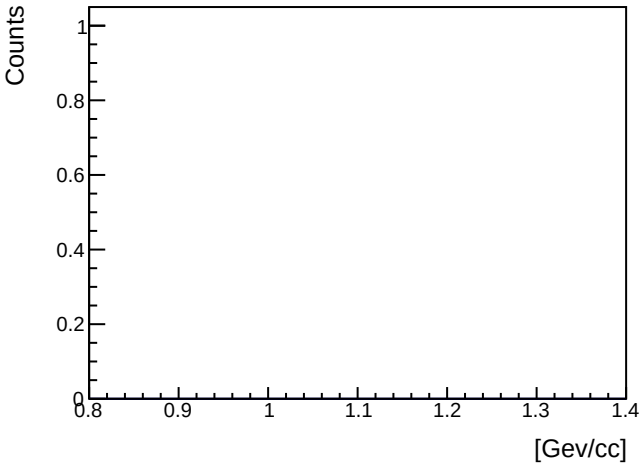

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[32]-TOF[13] SFTX Segment

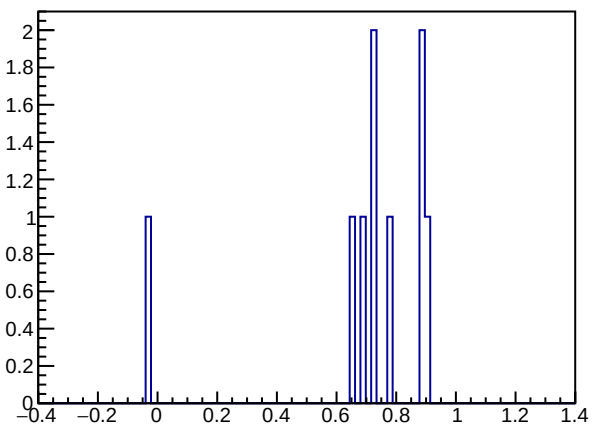

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

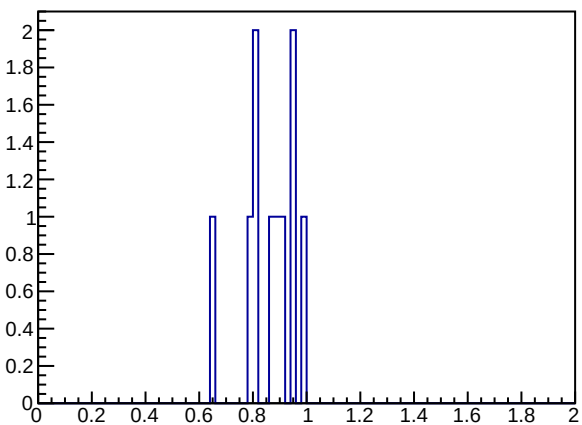

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

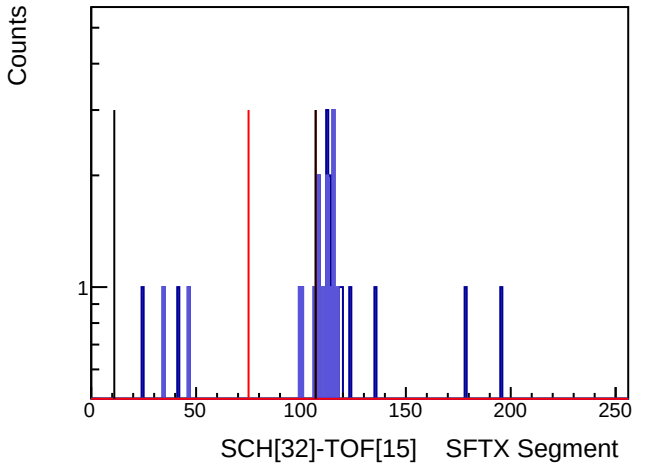

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

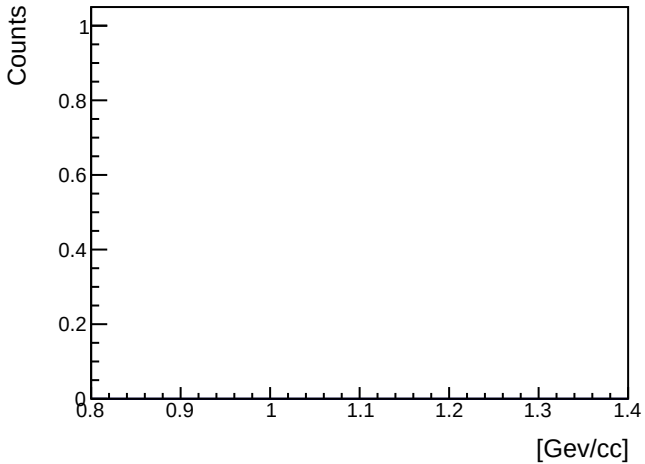

Counts
1
0
50
100
150
200
250
SCH[32]-TOF[14] SFTX Segment

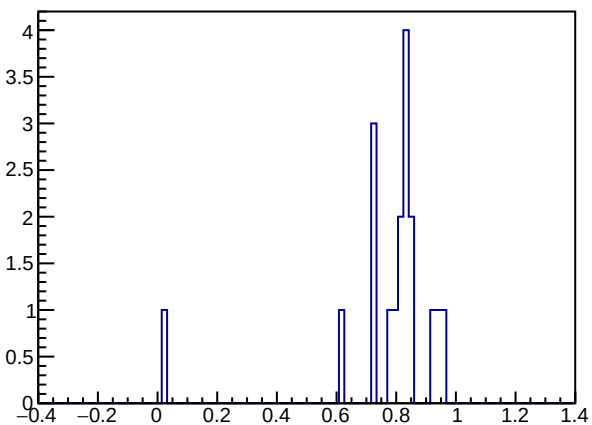

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

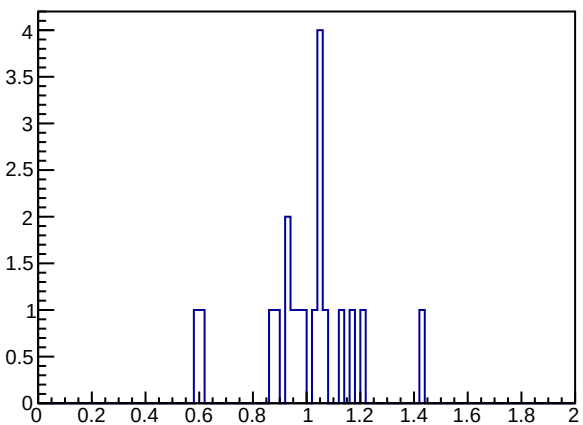

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

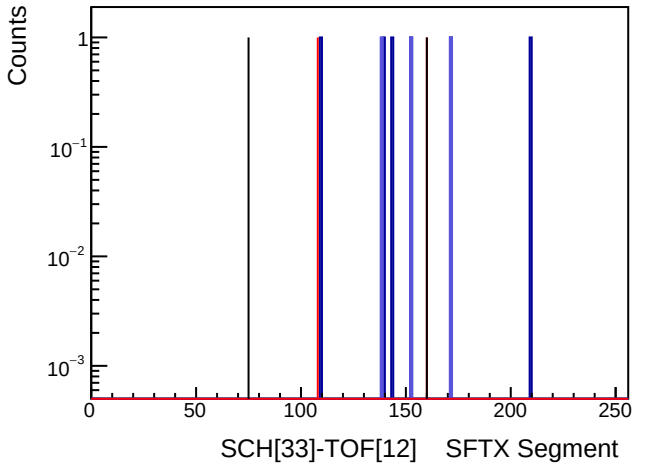

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

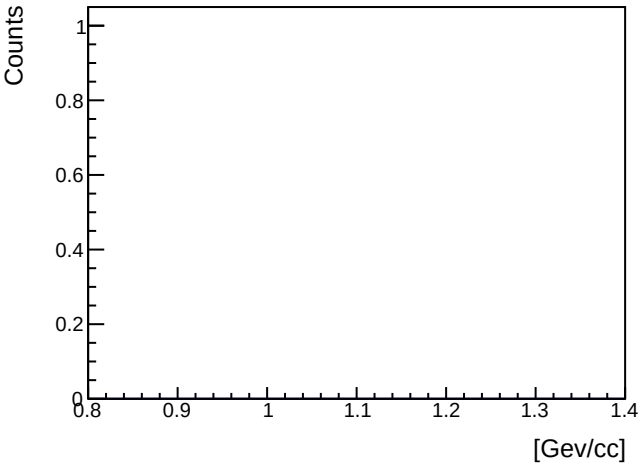

Counts
1
0
50
100
150
200
250
SCH[32]-TOF[15] SFTX Segment

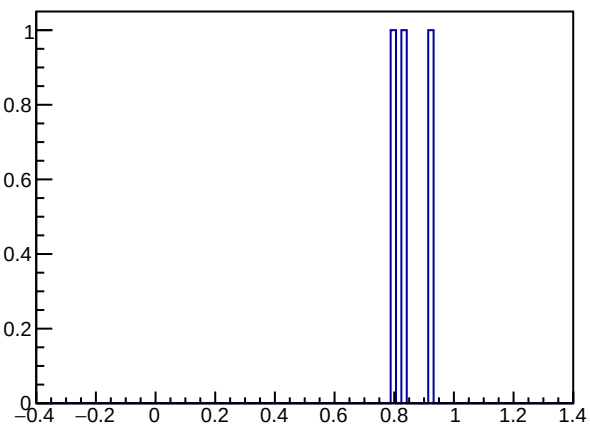

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

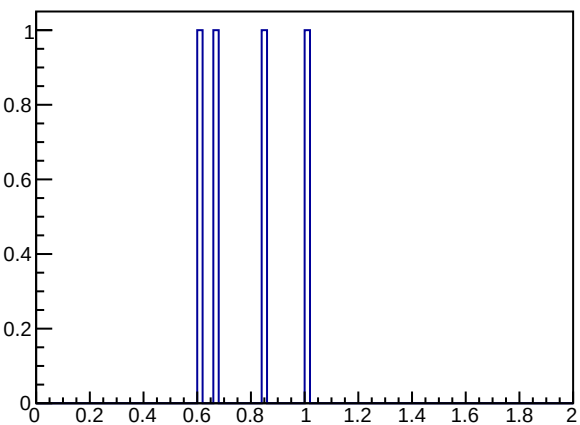

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

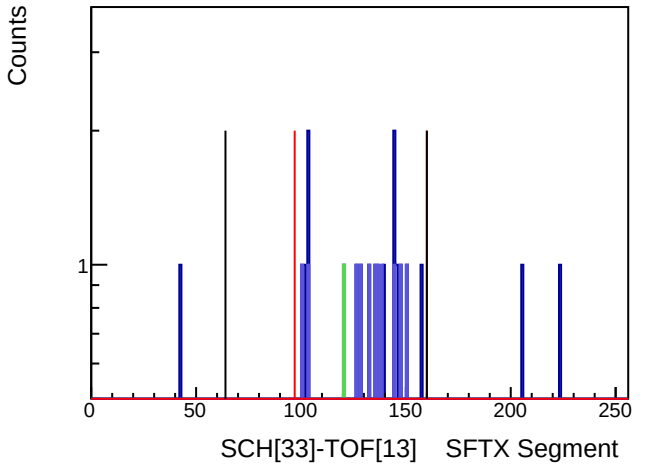

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

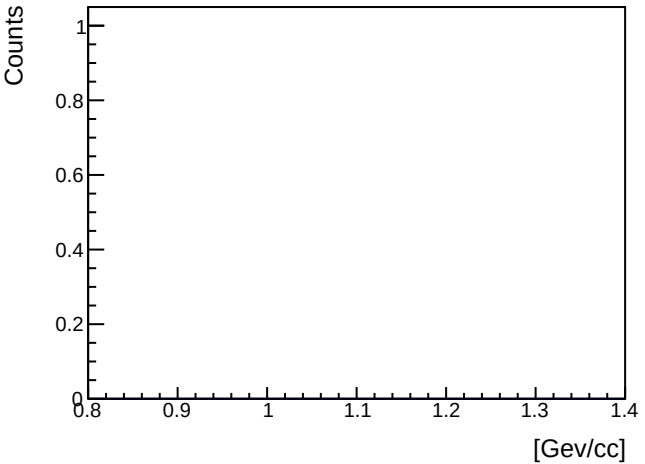

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[33]-TOF[12] SFTX Segment

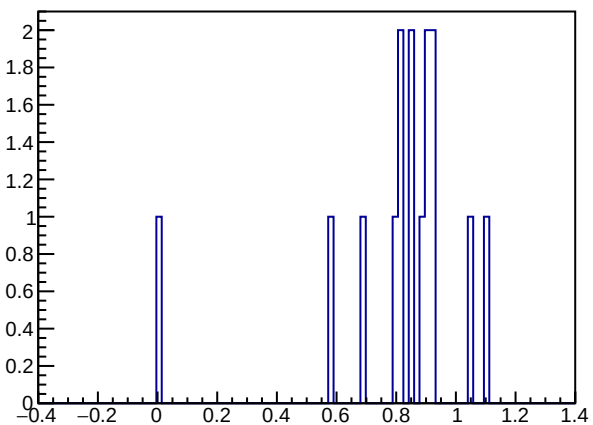

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

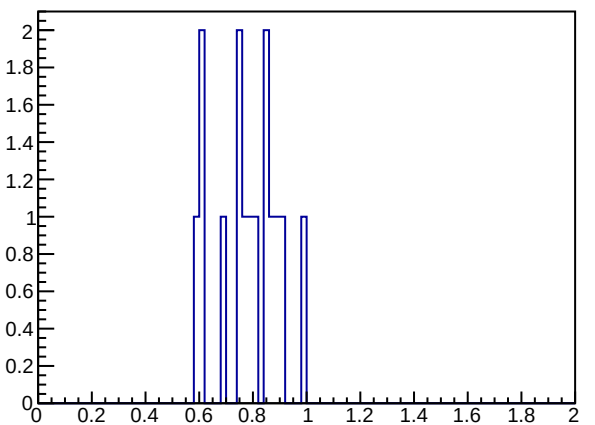

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

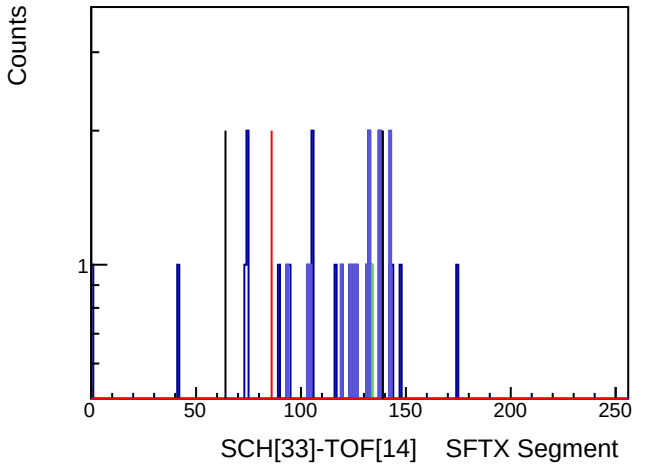

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

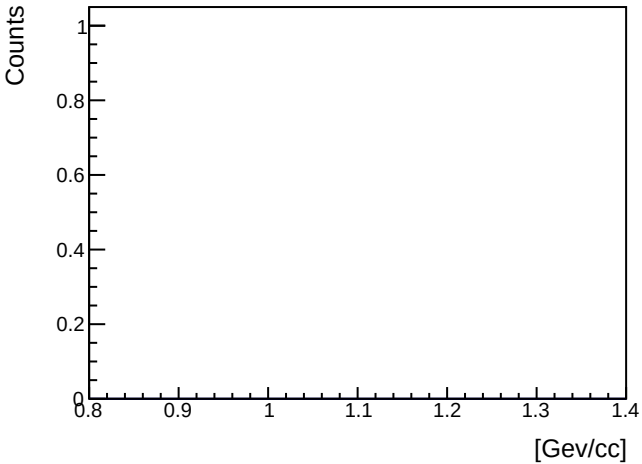

Counts
1
0
50
100
150
200
250
SCH[33]-TOF[13] SFTX Segment

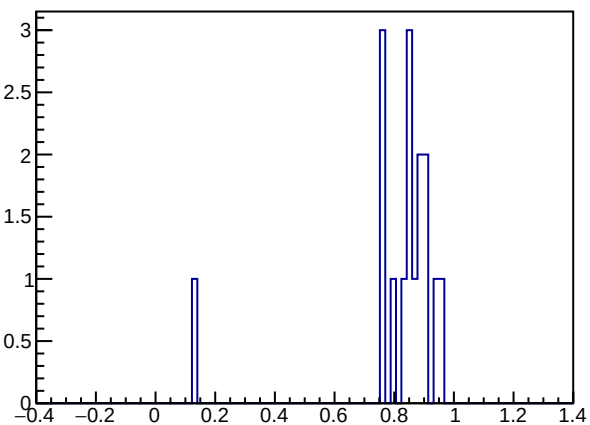

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

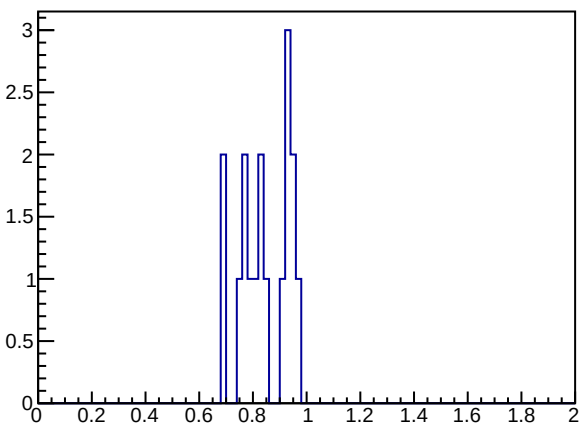

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

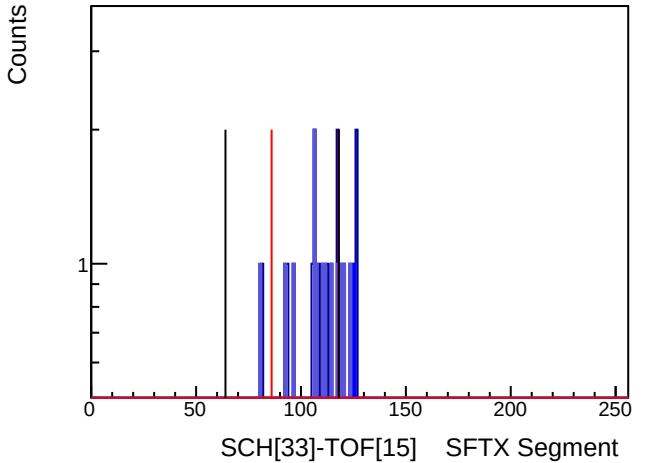

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

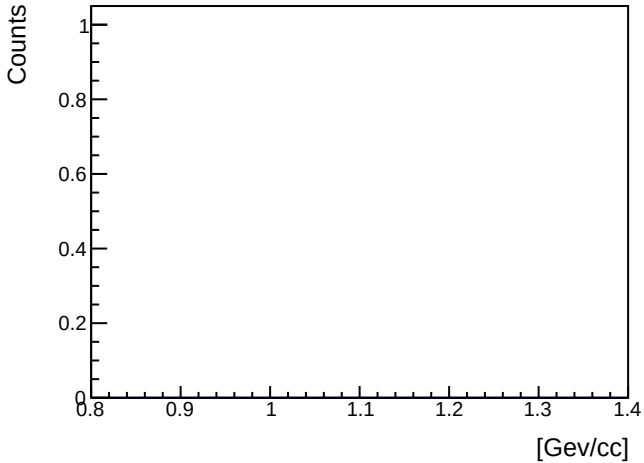

Counts
1
0
50
100
150
200
250
SCH[33]-TOF[14] SFTX Segment

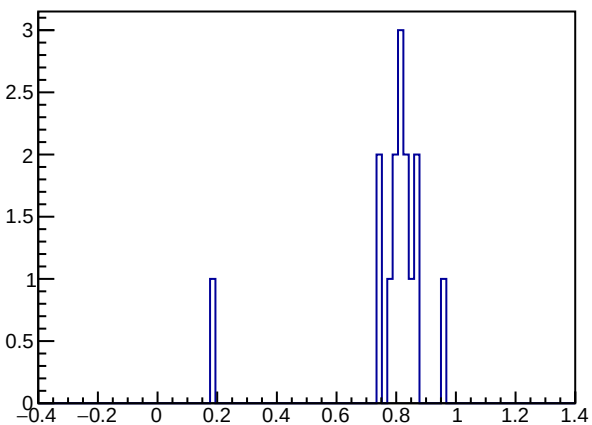

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

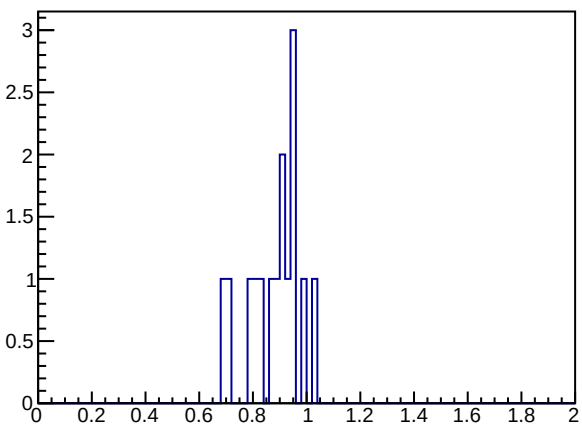

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

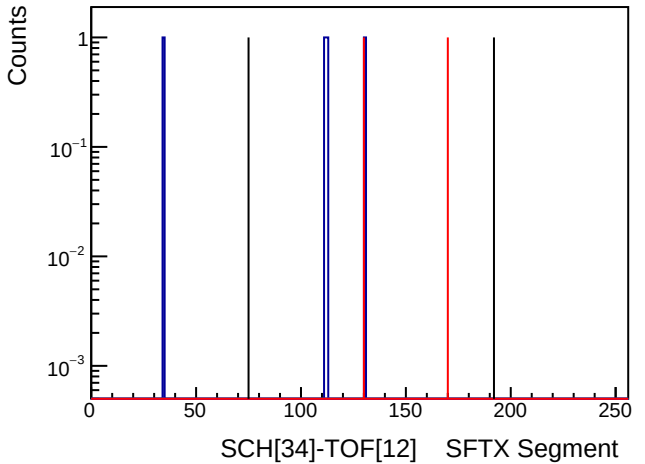

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

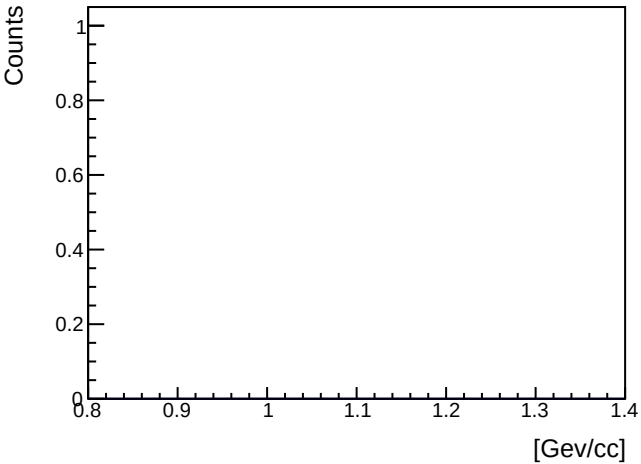

Counts
1
0
50
100
150
200
250
SCH[33]-TOF[15] SFTX Segment

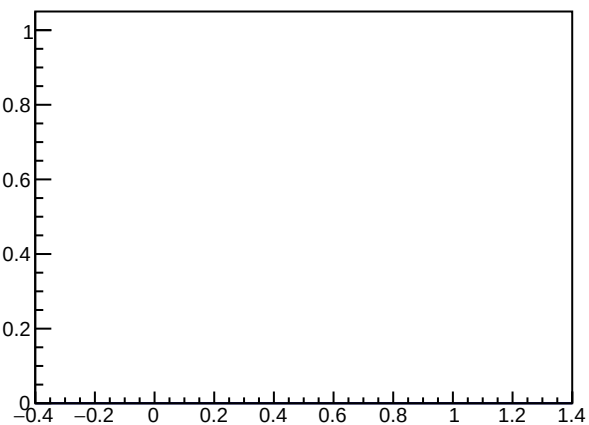

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

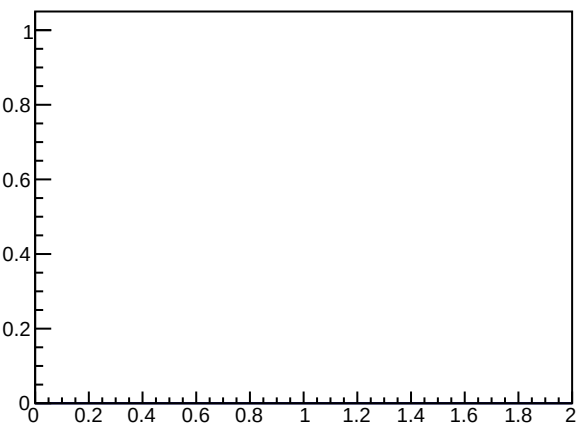

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

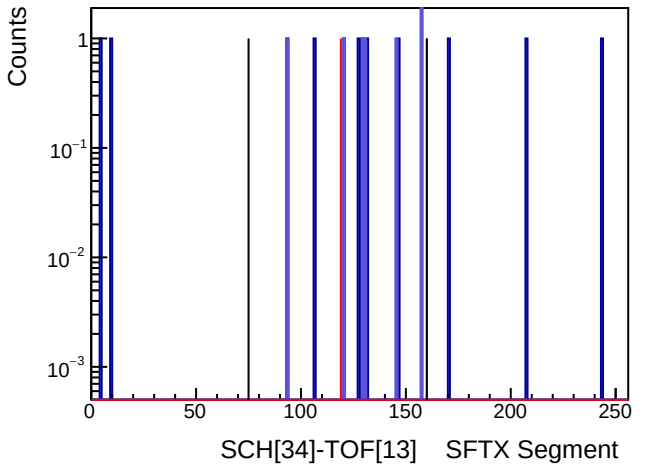

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

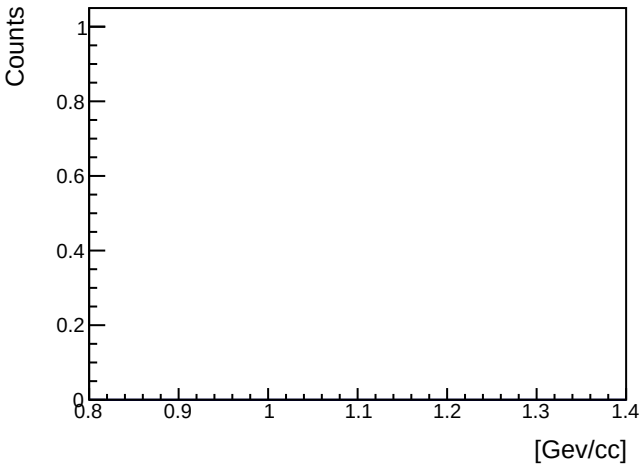

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[34]-TOF[12] SFTX Segment

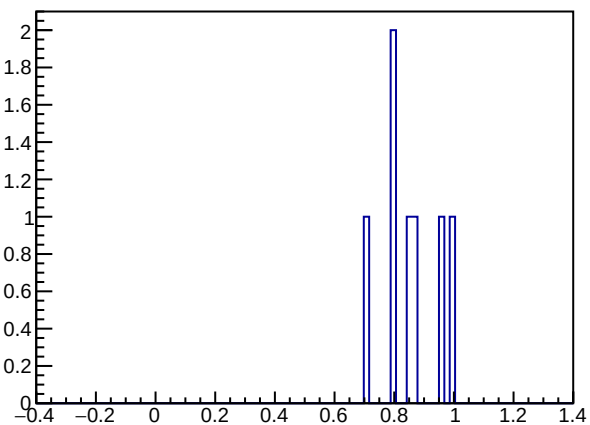

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

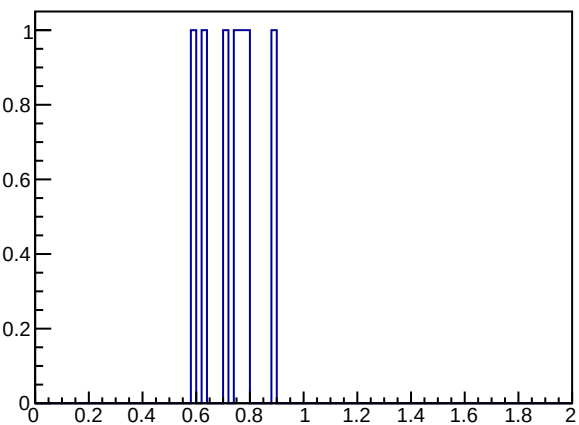

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

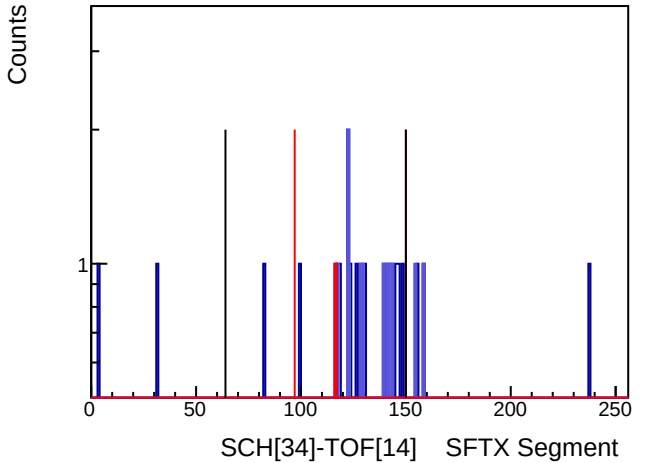

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

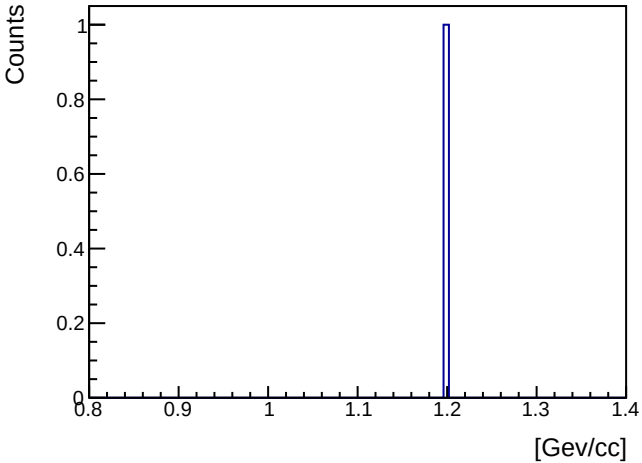

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[34]-TOF[13] SFTX Segment

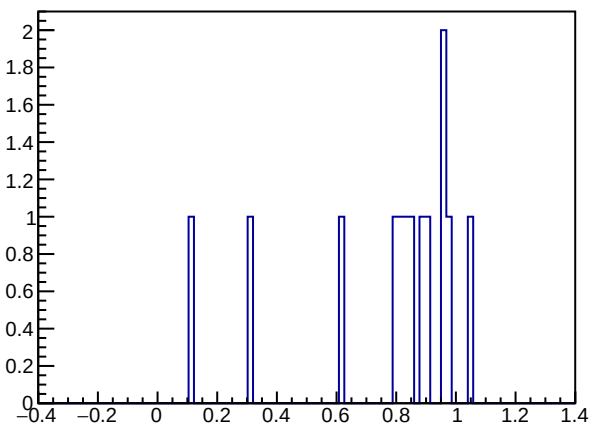

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

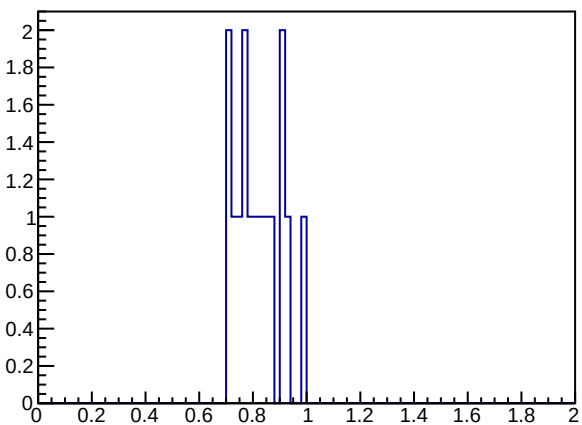

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

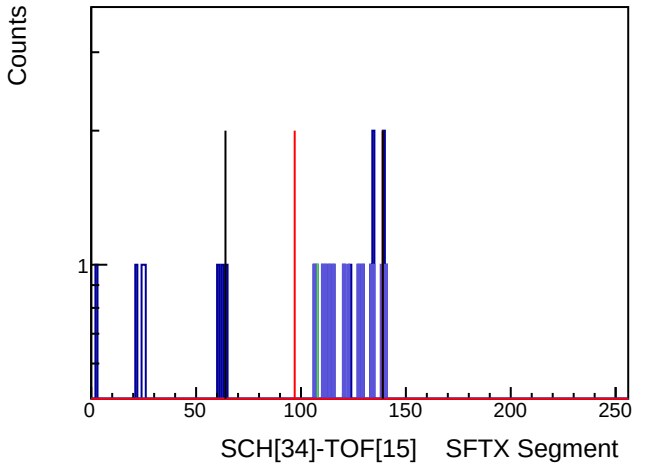

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

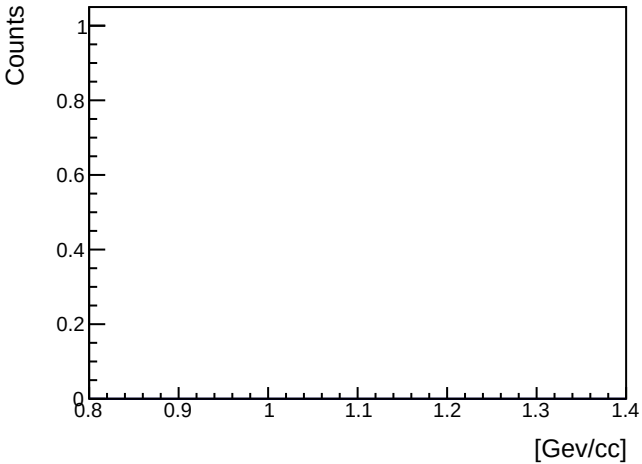

Counts
1
0
50
100
150
200
250
SCH[34]-TOF[14] SFTX Segment

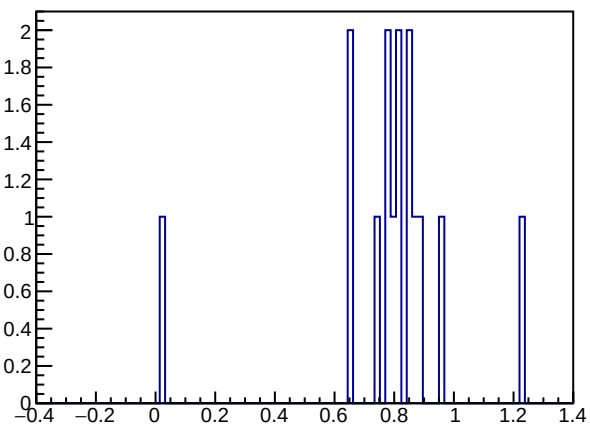

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

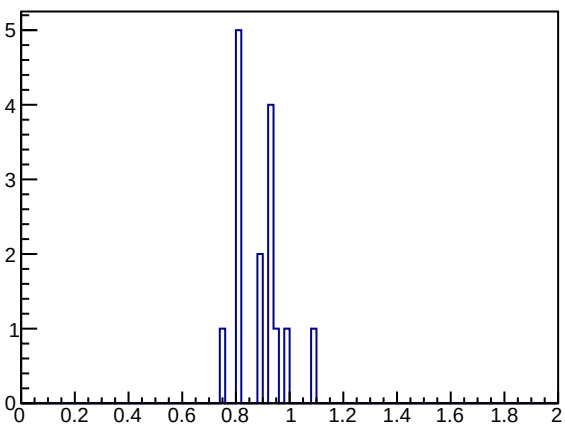

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

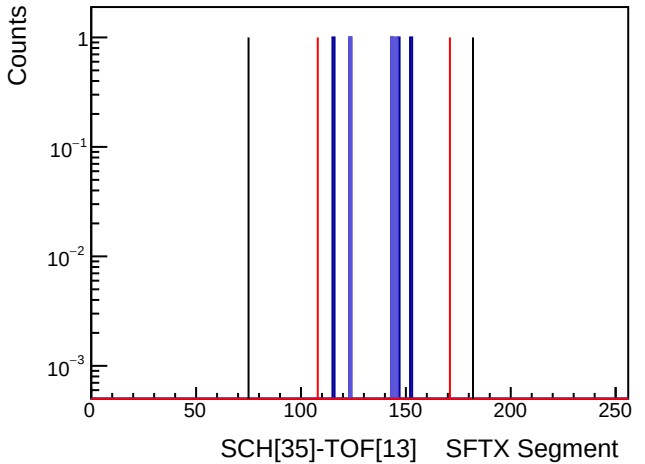

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

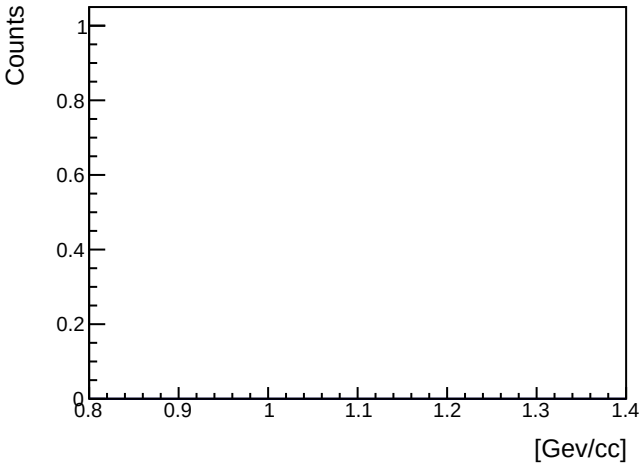

Counts
1
0
50
100
150
200
250
SCH[34]-TOF[15] SFTX Segment

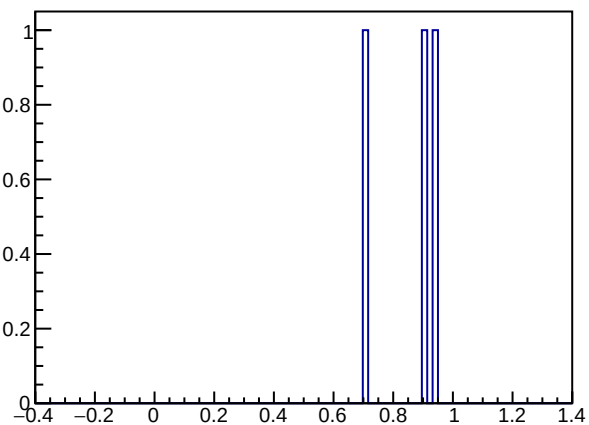

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

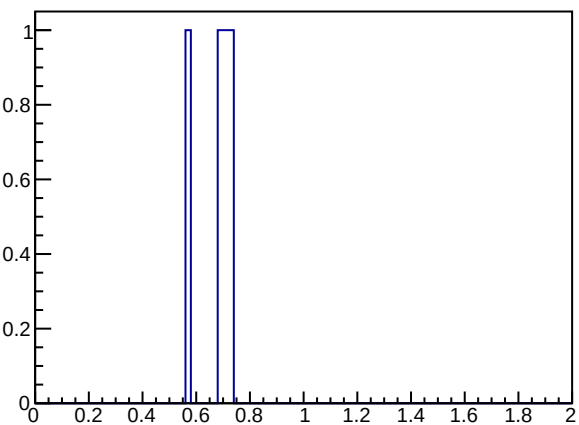

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

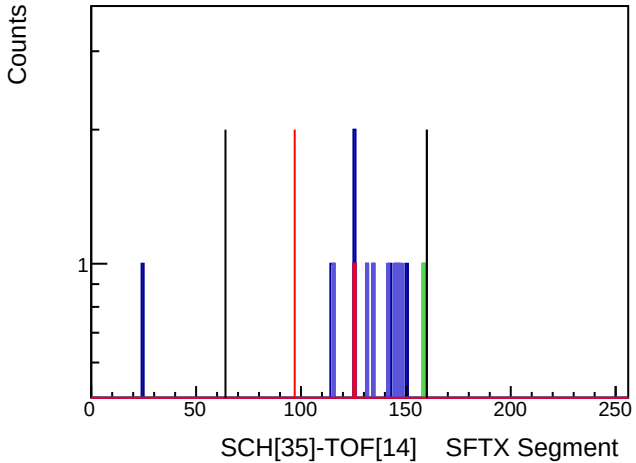

5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

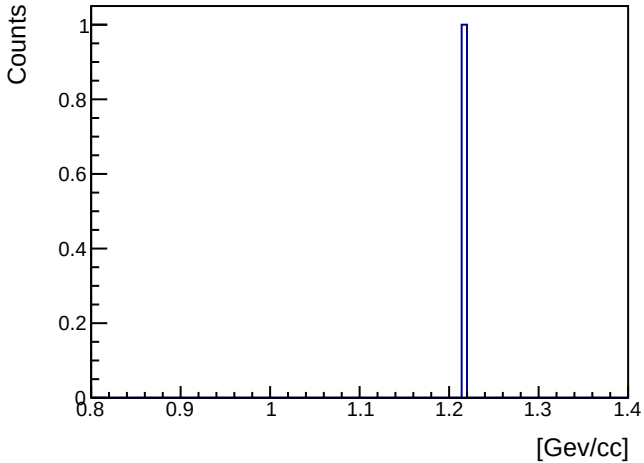

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[35]-TOF[13] SFTX Segment

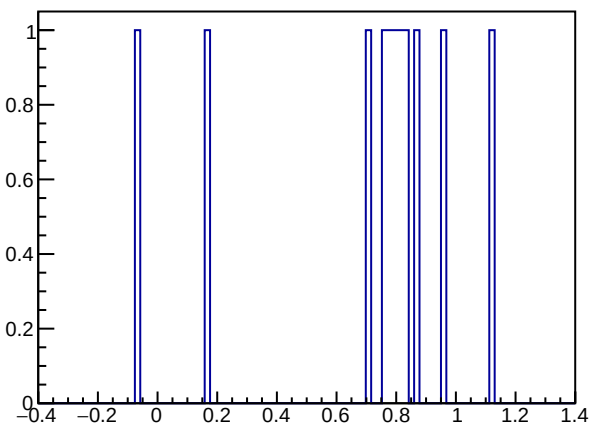

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

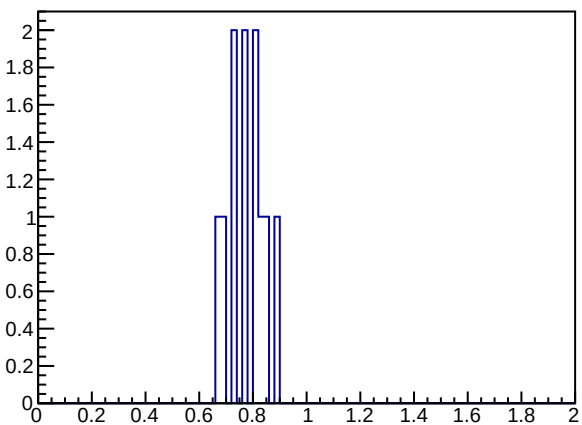

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

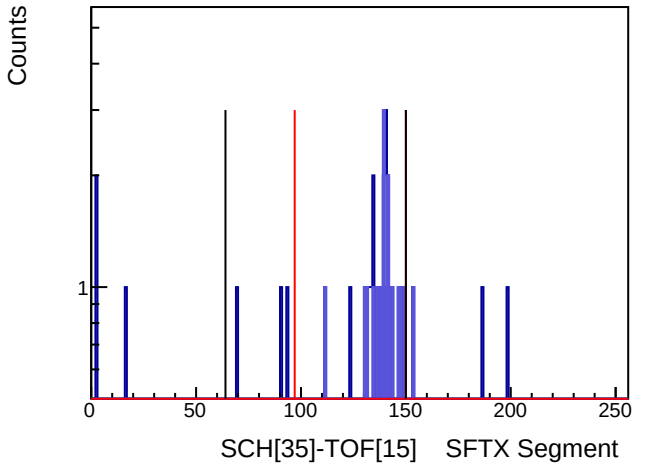

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

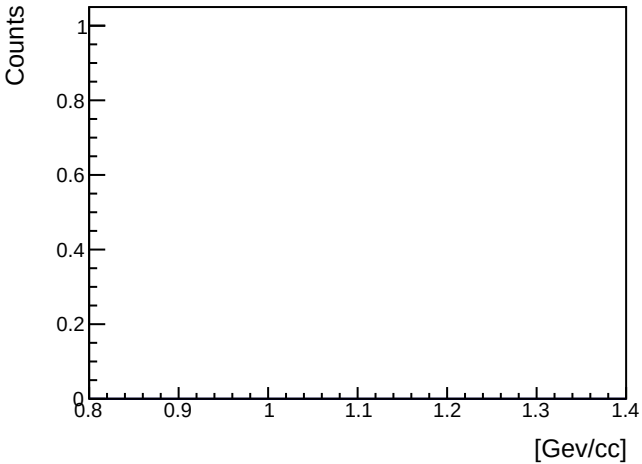

Counts
1
0
50
100
150
200
250
SCH[35]-TOF[14] SFTX Segment

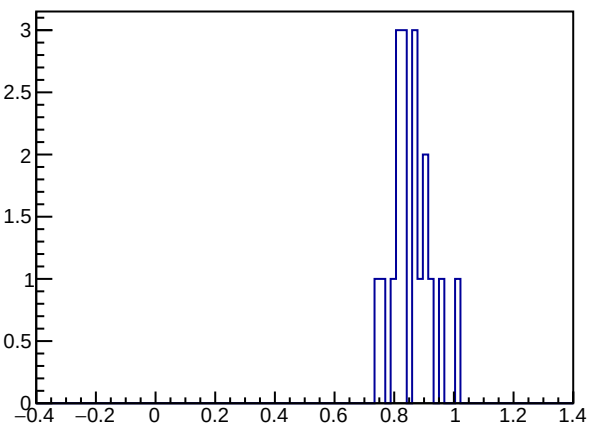

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

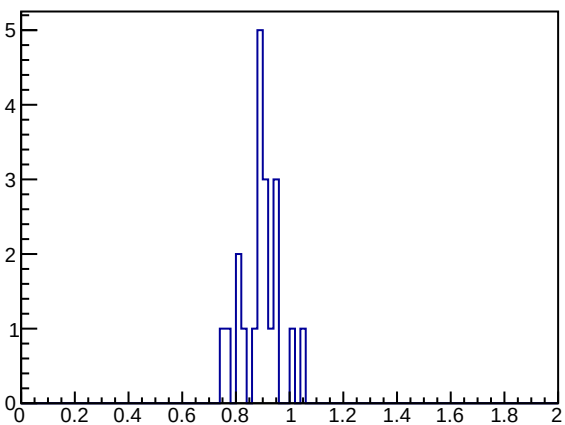

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

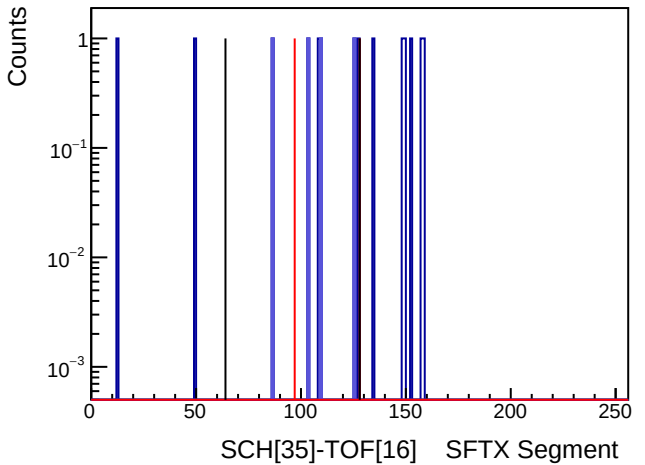

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

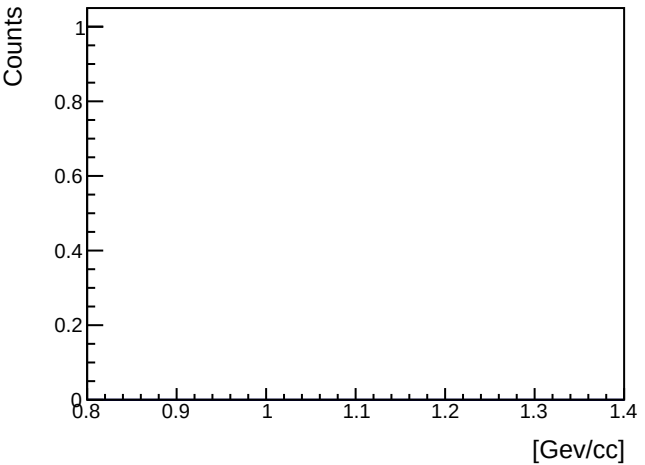

Counts
1
0
50
100
150
200
250
SCH[35]-TOF[15] SFTX Segment

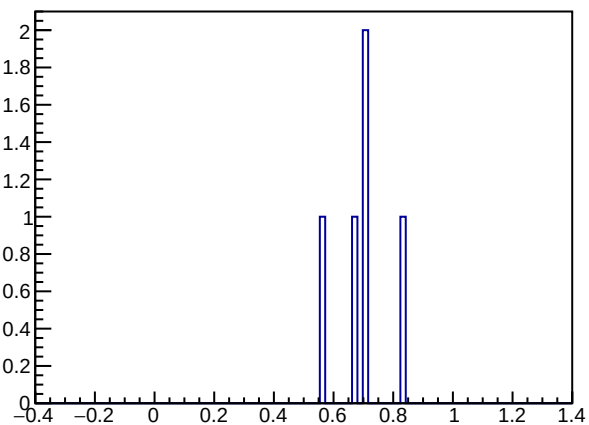

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

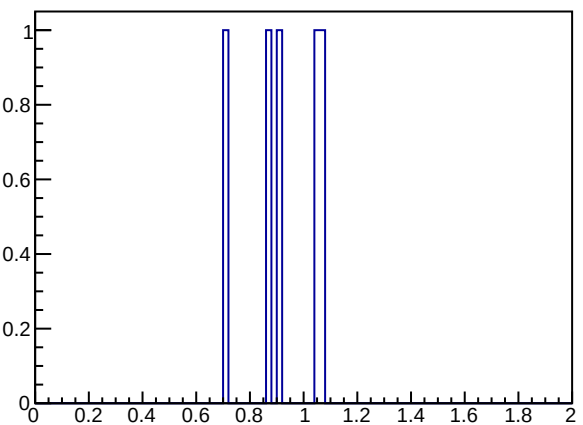

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

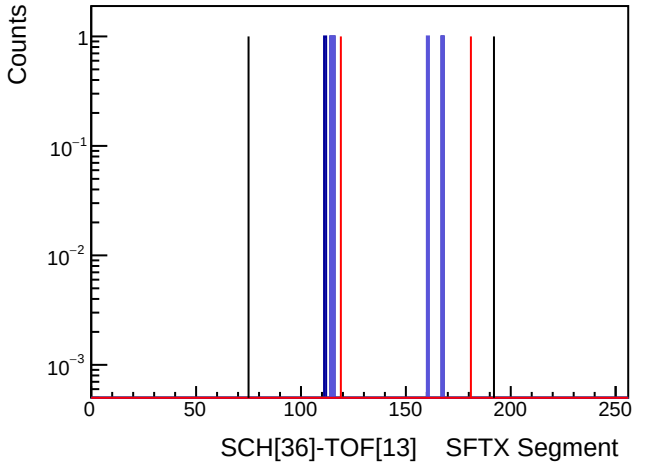

5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

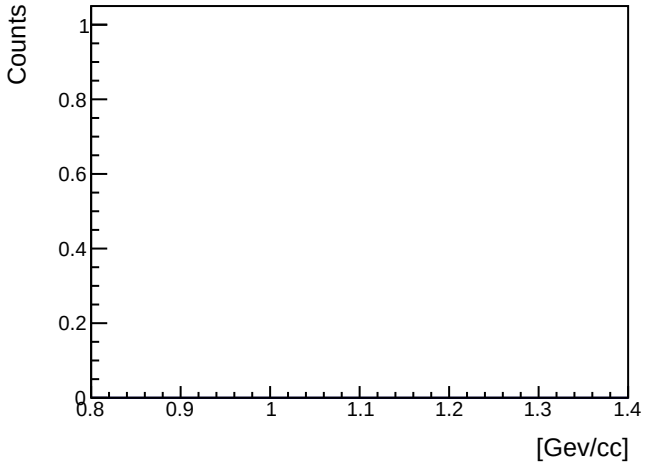

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[35]-TOF[16] SFTX Segment

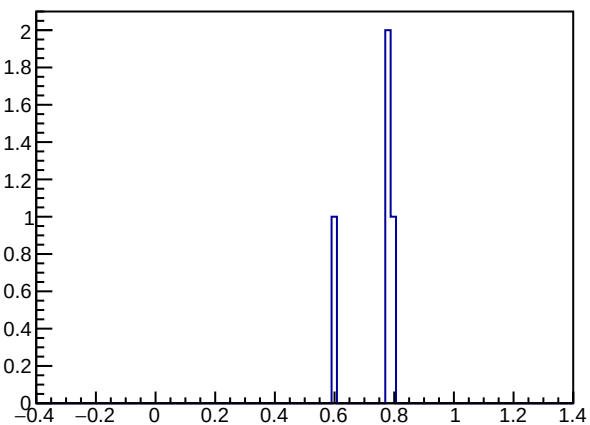

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

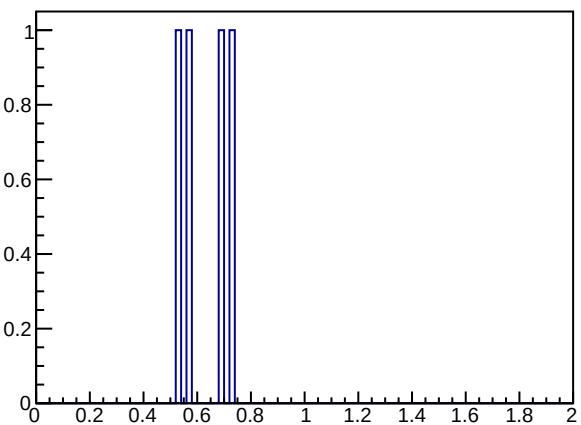

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

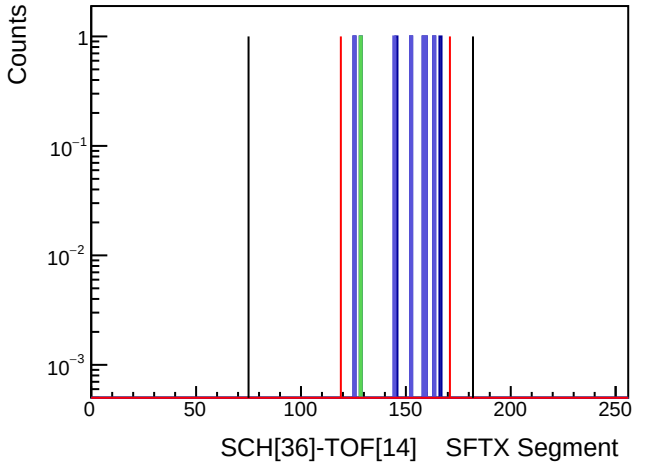

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

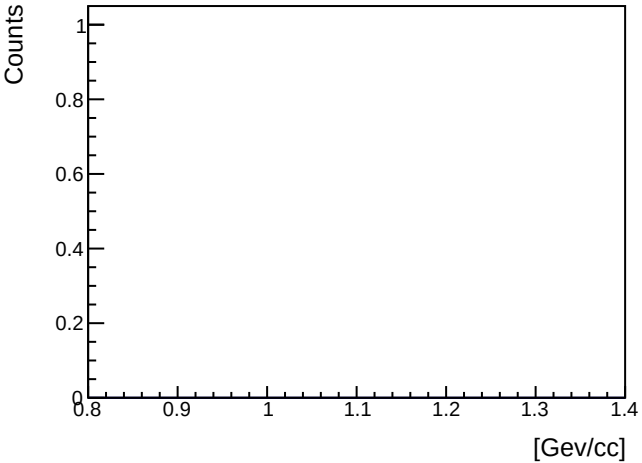

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[36]-TOF[13] SFTX Segment

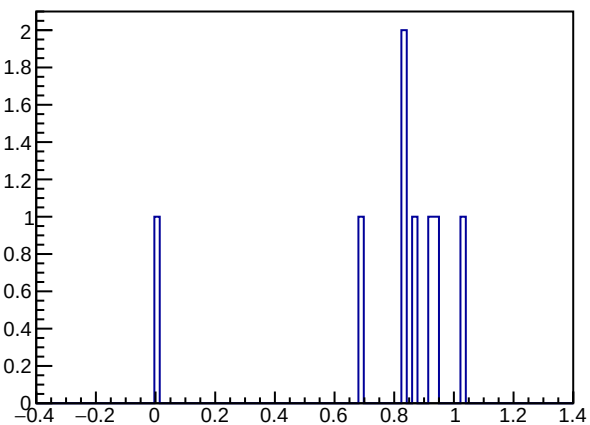

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

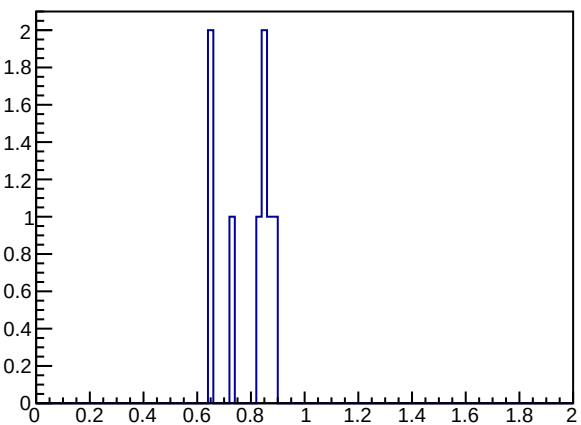

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

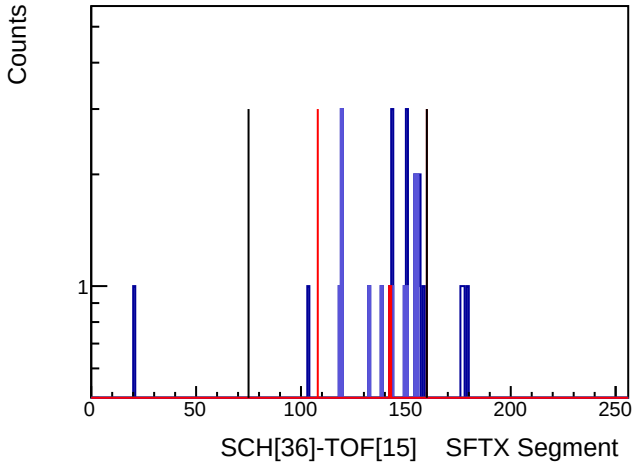

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

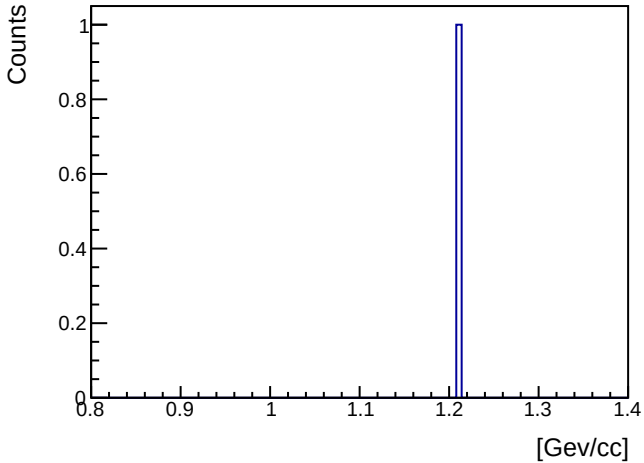

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[36]-TOF[14] SFTX Segment

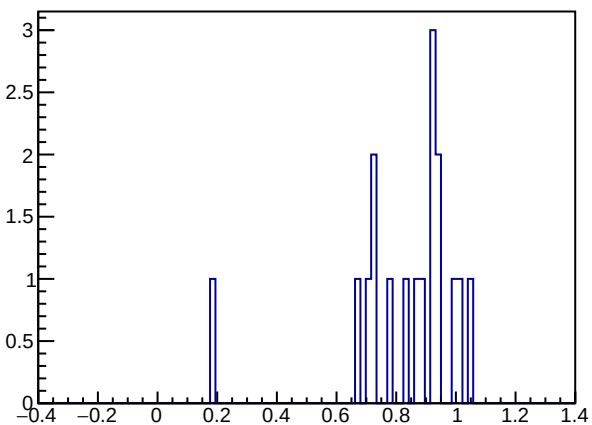

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

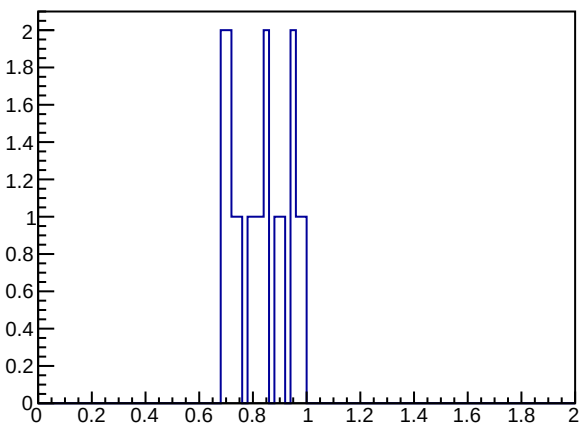

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

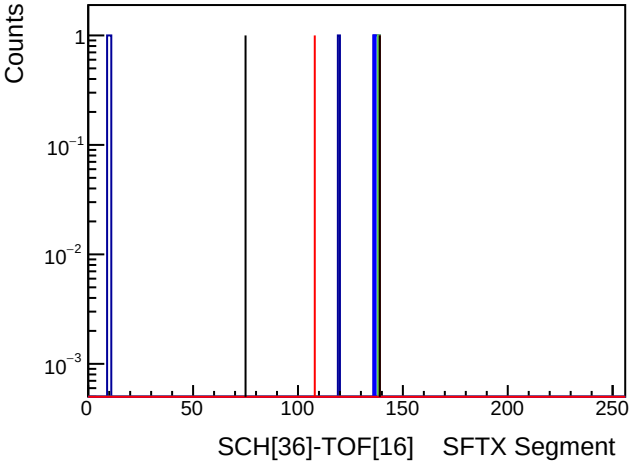

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

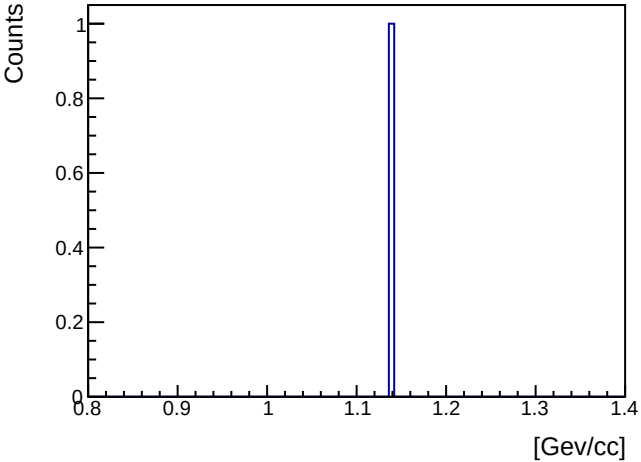

Counts
1
0
50
100
150
200
250
SCH[36]-TOF[15] SFTX Segment

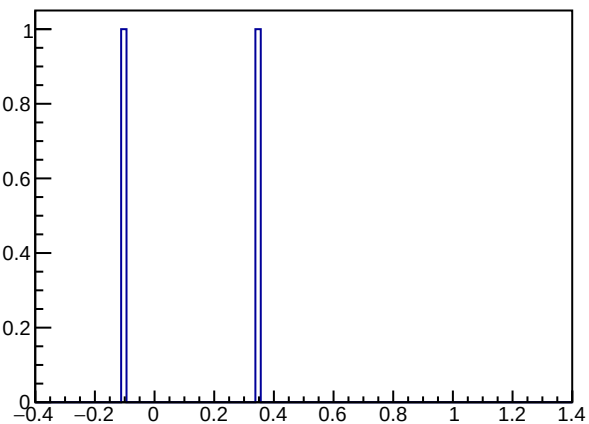

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

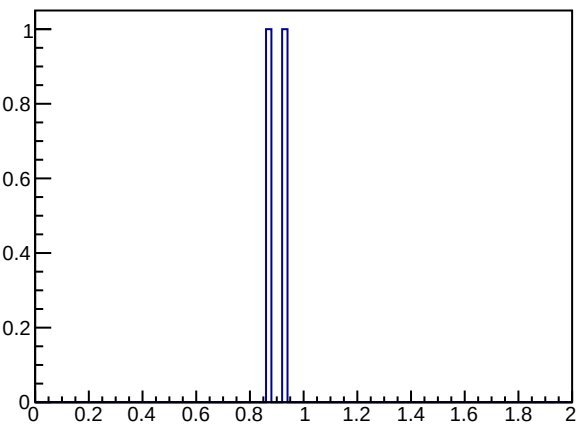

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

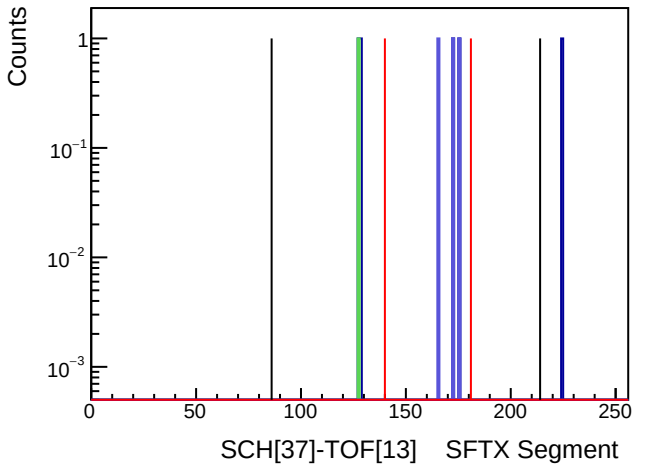

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

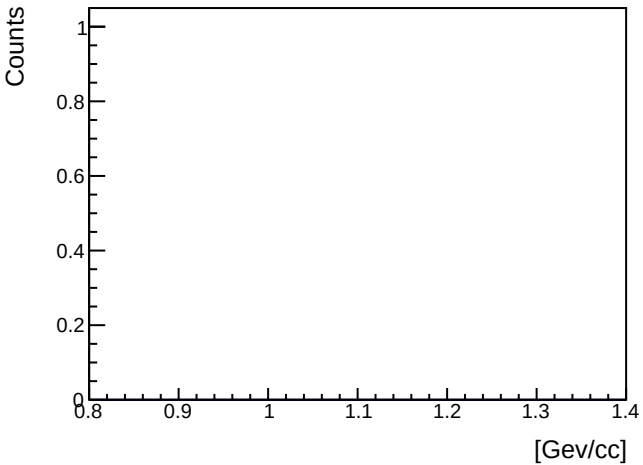

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[36]-TOF[16] SFTX Segment

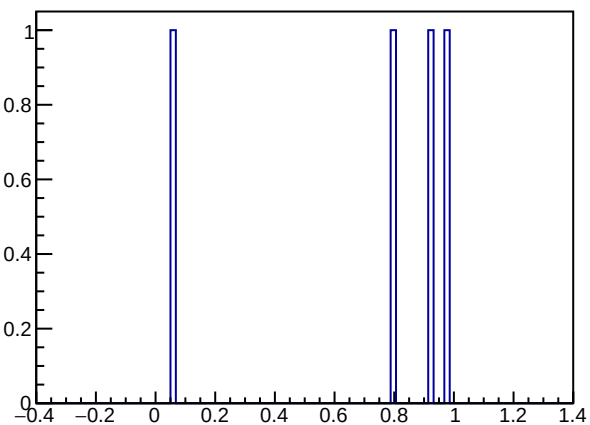

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

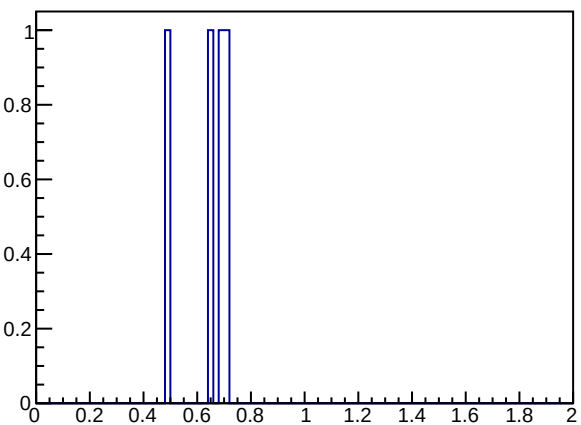

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

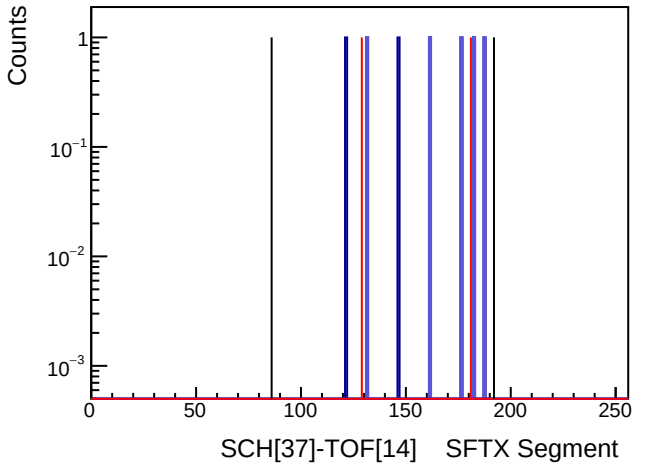

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

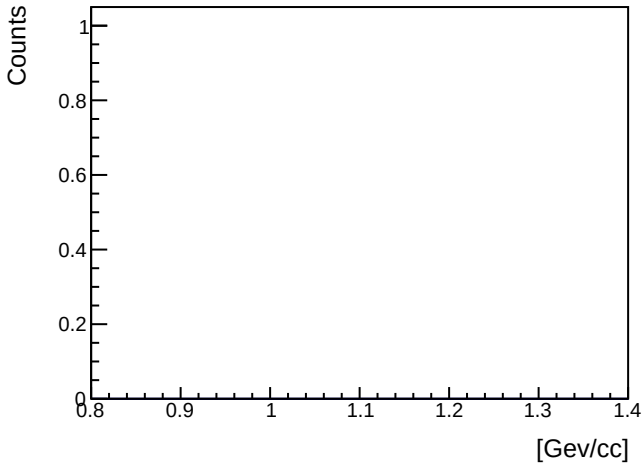

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[37]-TOF[13] SFTX Segment

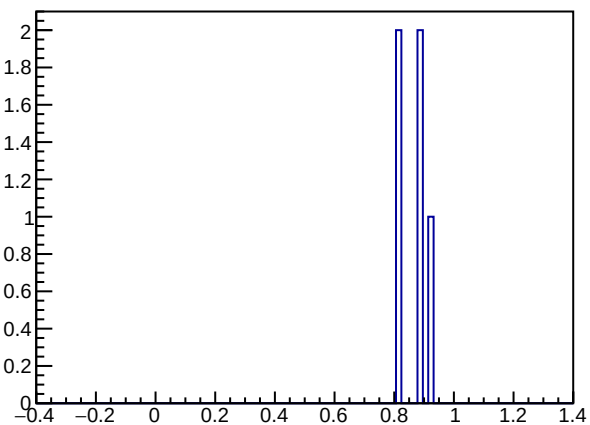

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

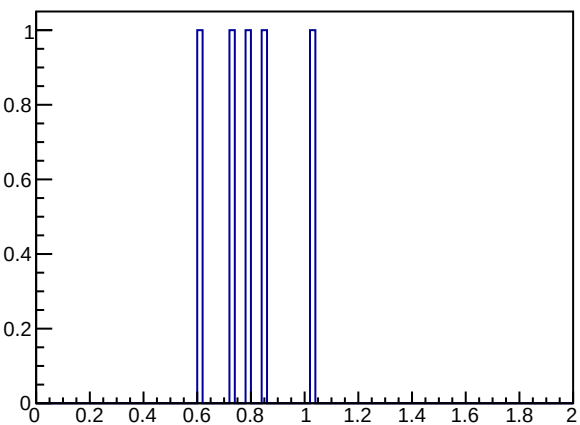

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

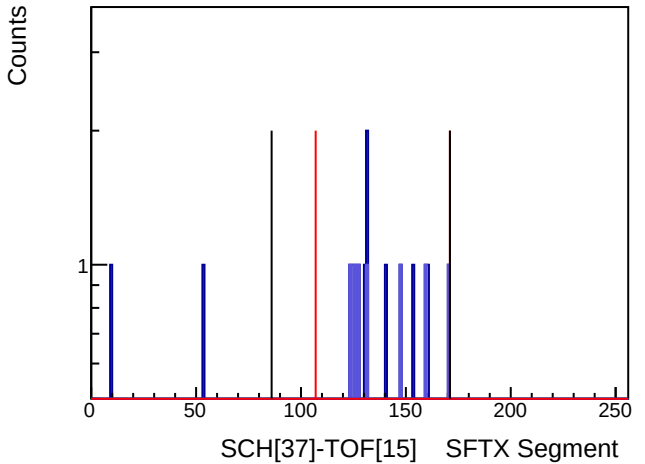

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

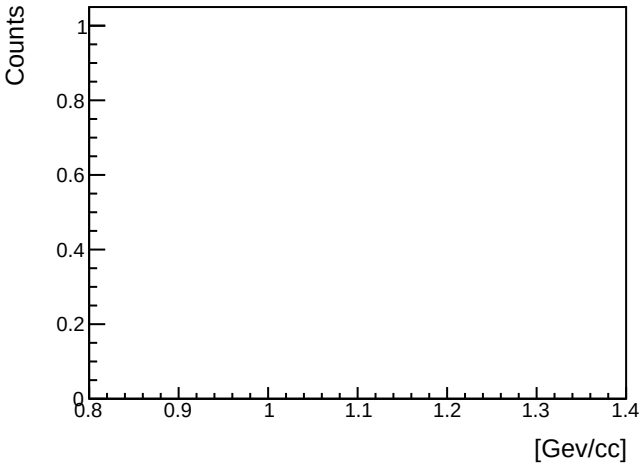

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[37]-TOF[14] SFTX Segment

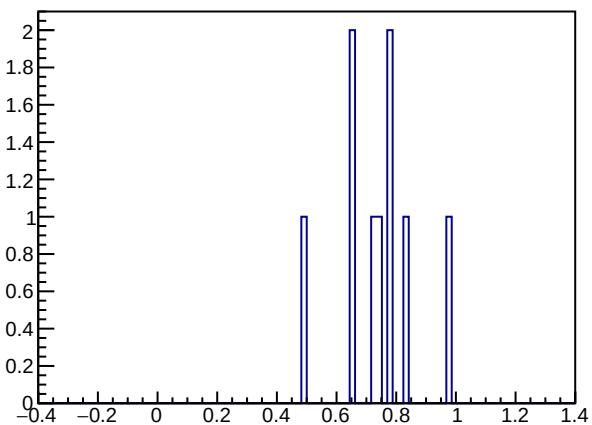

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

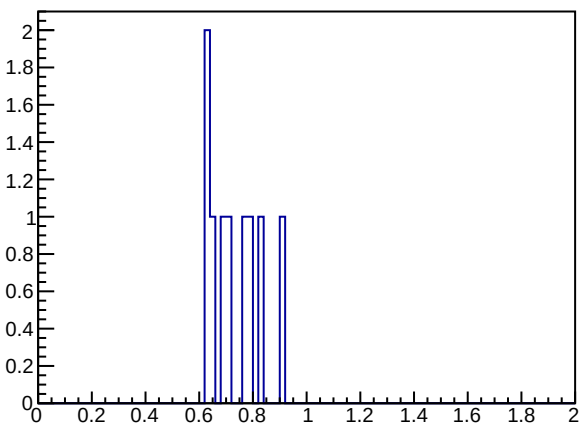

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

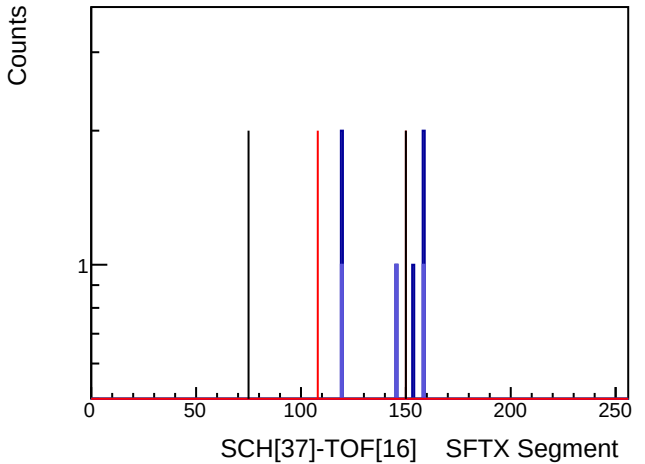

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

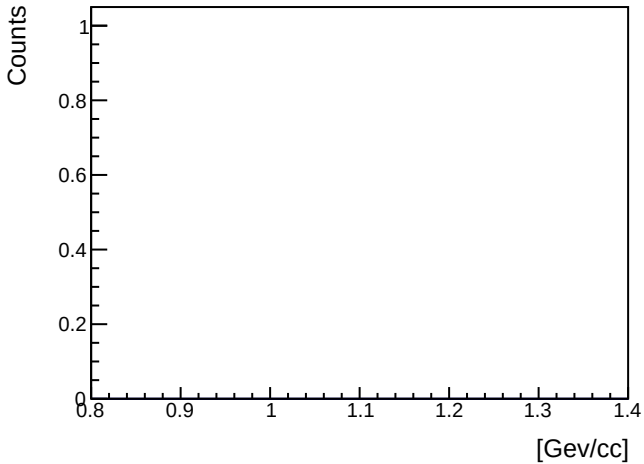

Counts
1
0
50
100
150
200
250
SCH[37]-TOF[15] SFTX Segment

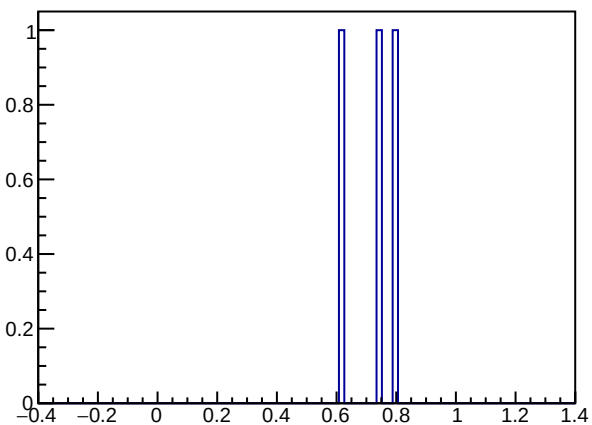

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

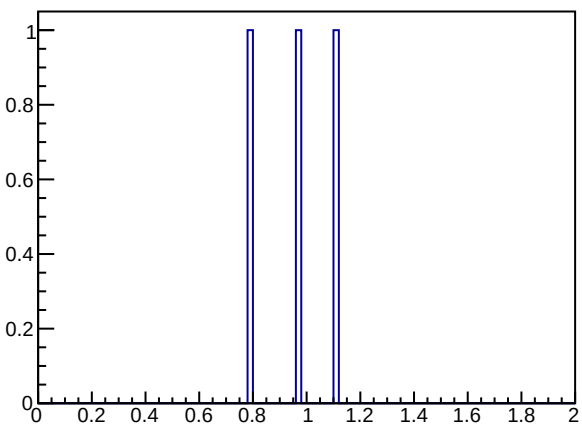

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

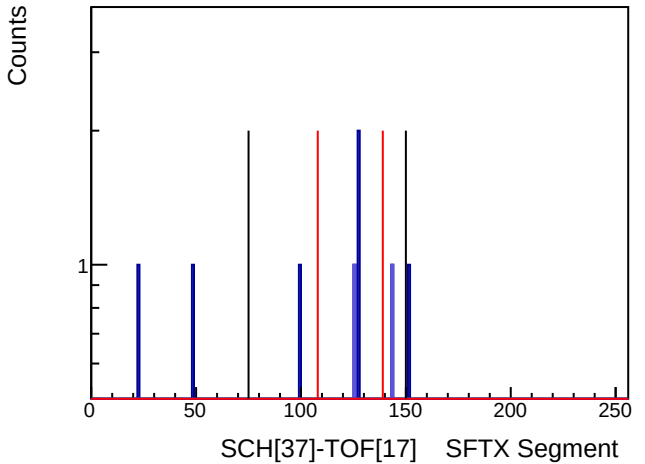

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

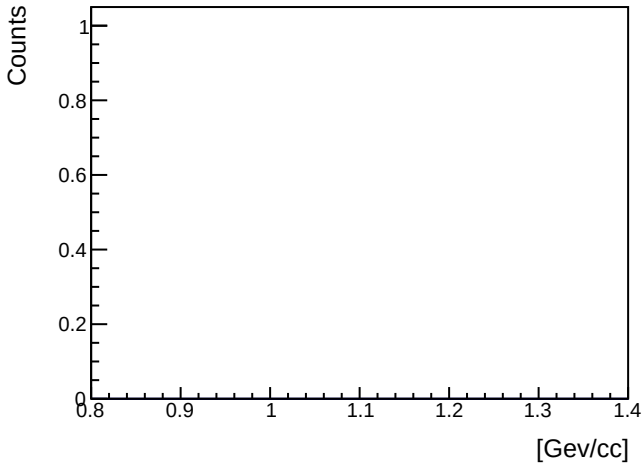

Counts
1
0
50
100
150
200
250
SCH[37]-TOF[16] SFTX Segment

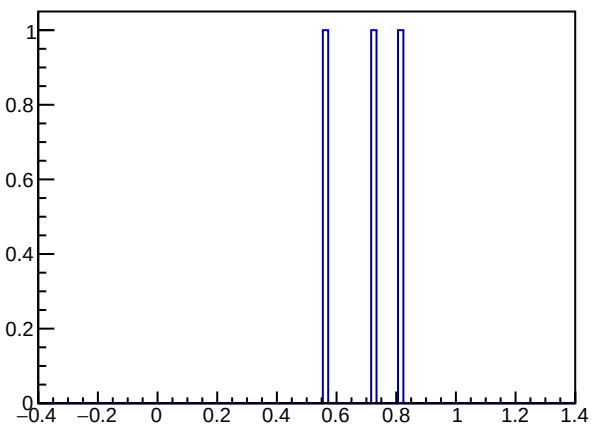

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

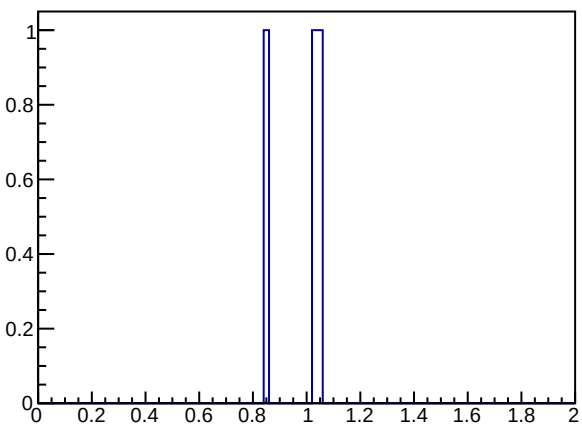

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

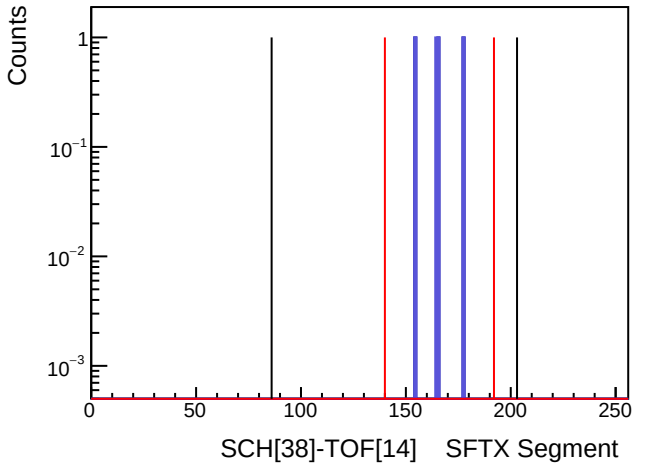

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

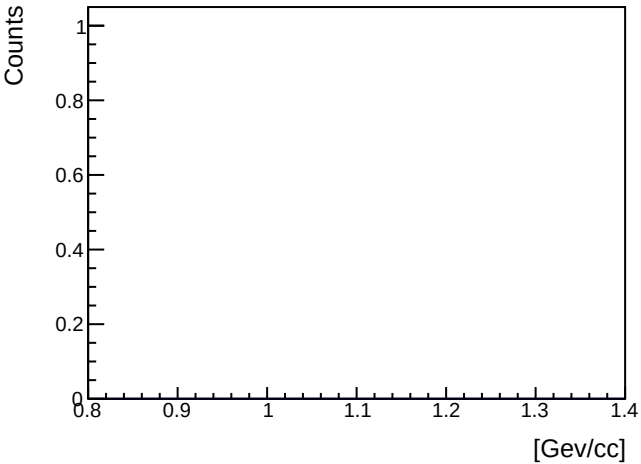

Counts
1
0
50
100
150
200
250
SCH[37]-TOF[17] SFTX Segment

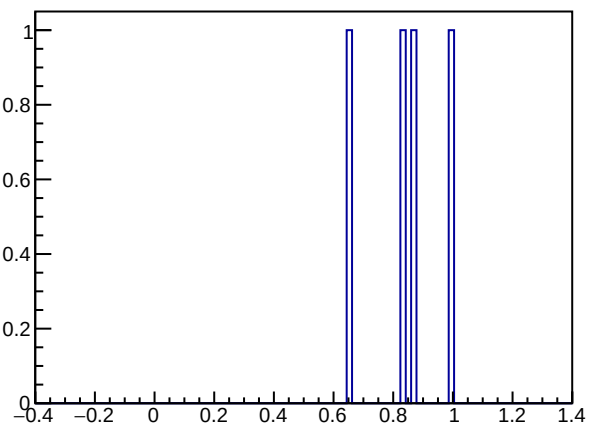

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

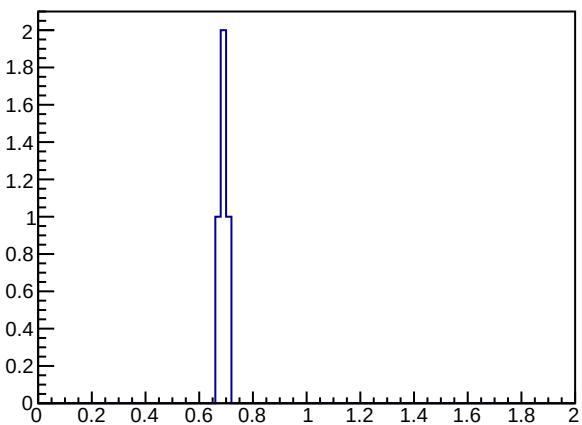

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

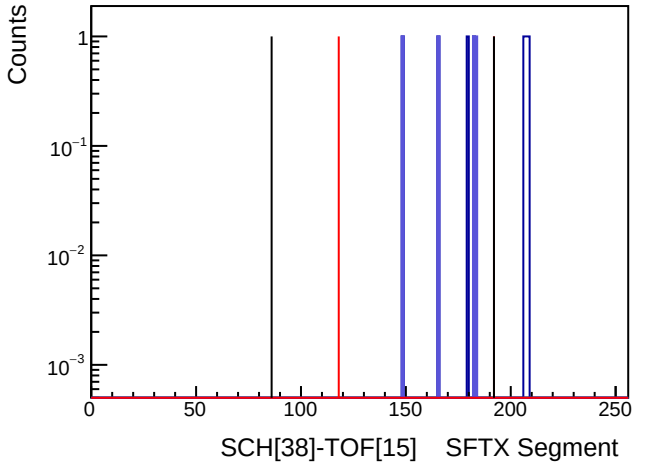

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

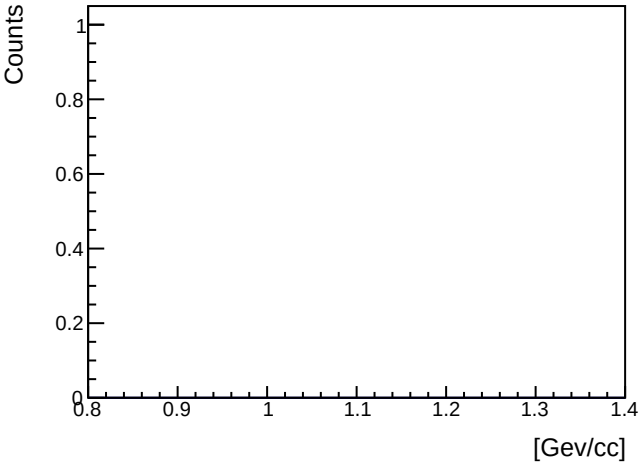

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[38]-TOF[14] SFTX Segment

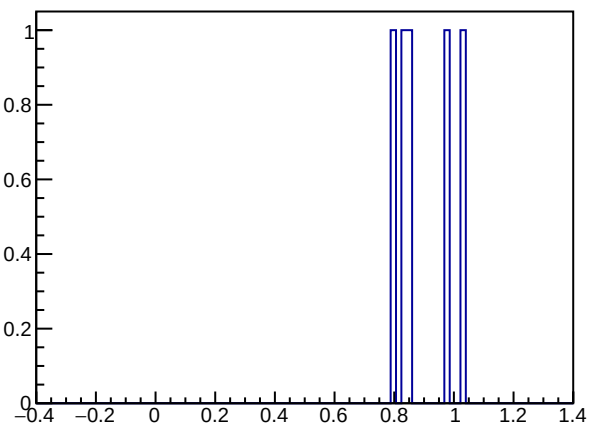

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

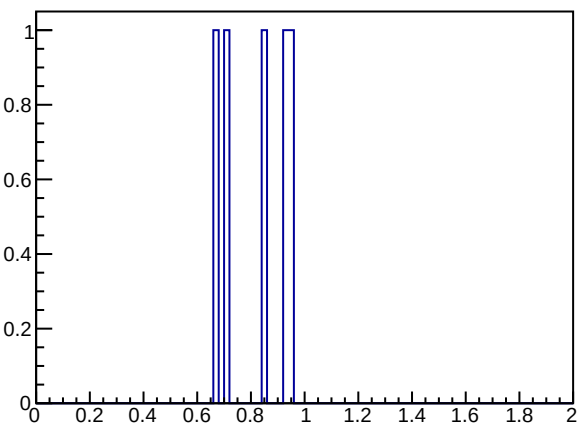

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

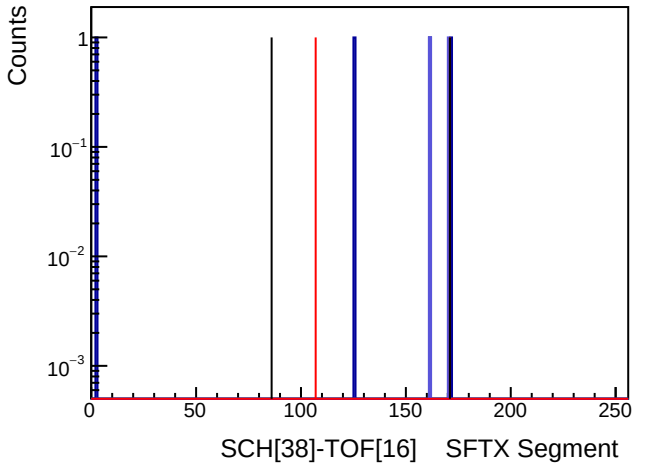

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

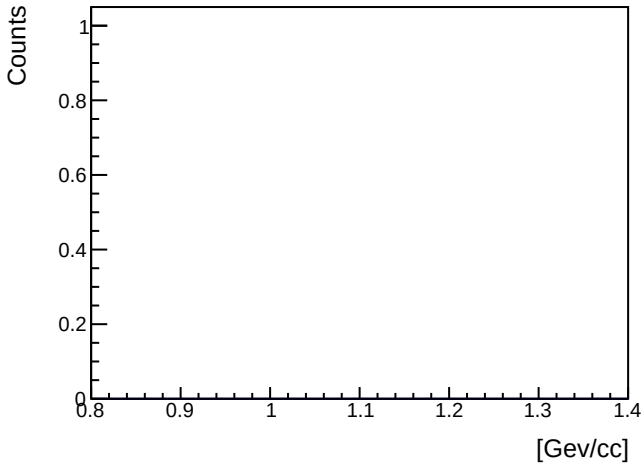

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[38]-TOF[15] SFTX Segment

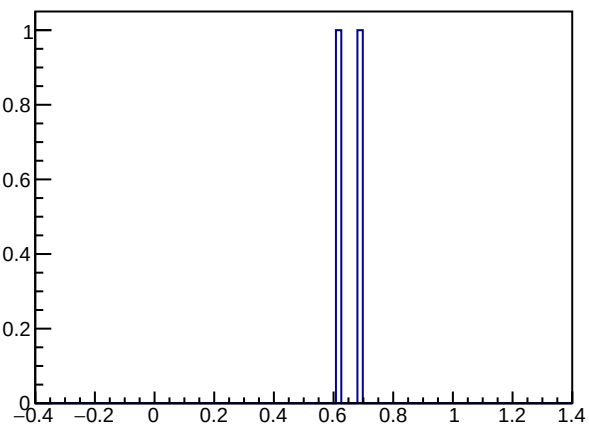

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

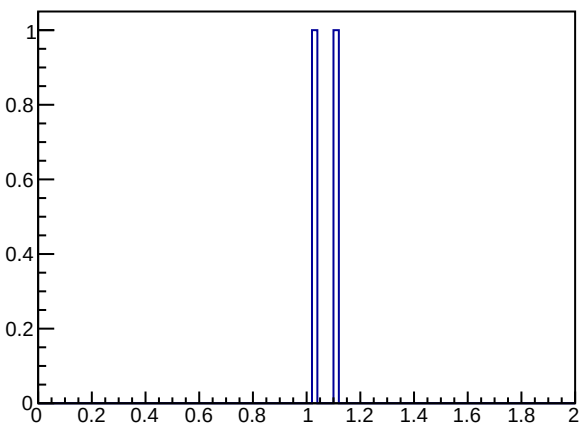

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

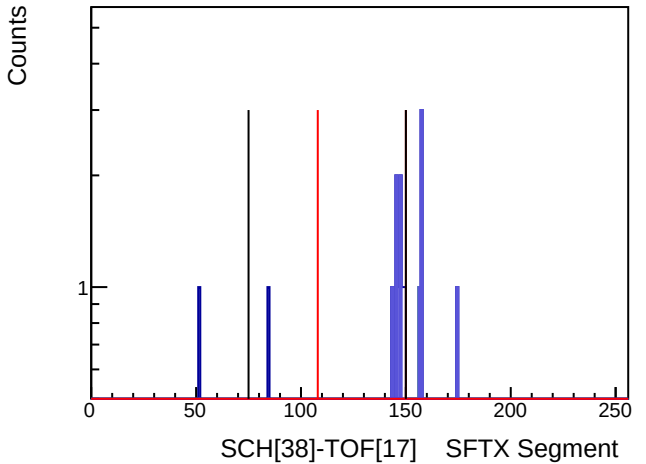

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

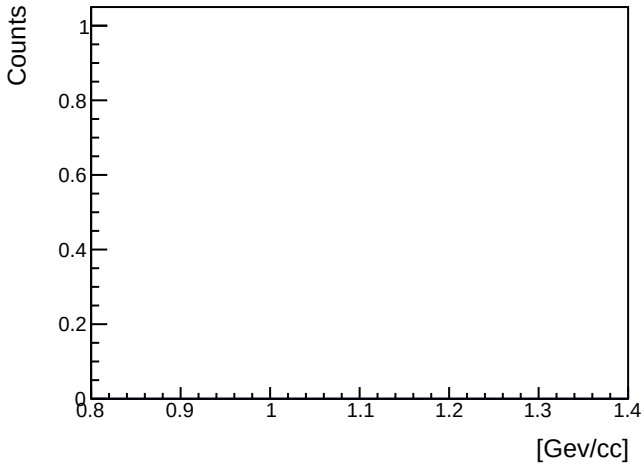

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[38]-TOF[16] SFTX Segment

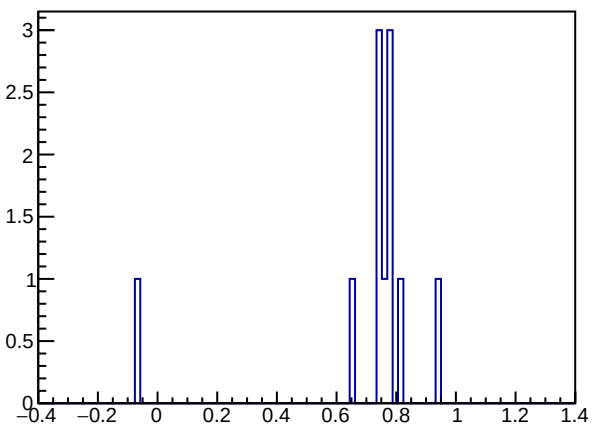

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

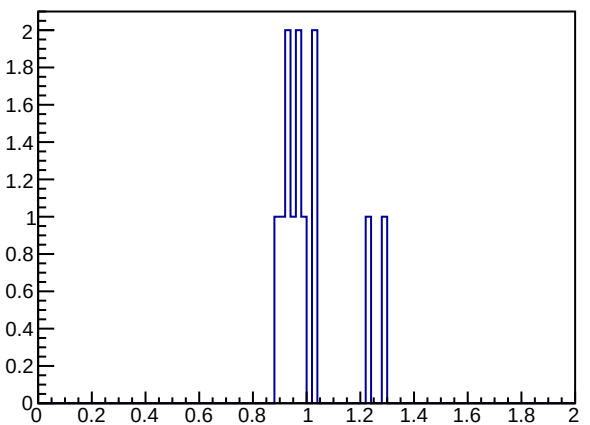

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

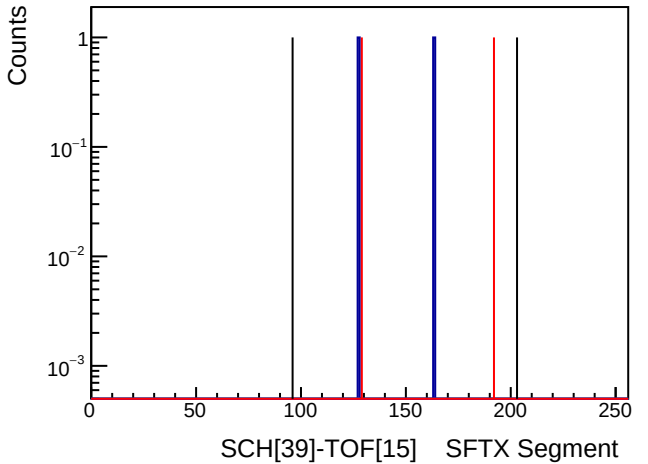

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

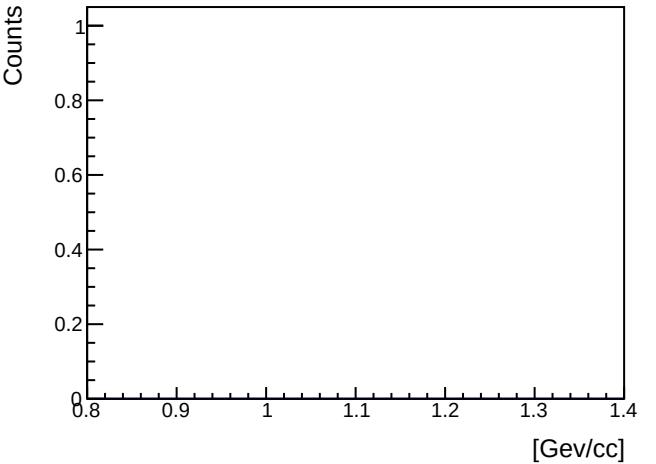

Counts
1
0
50
100
150
200
250
SCH[38]-TOF[17] SFTX Segment

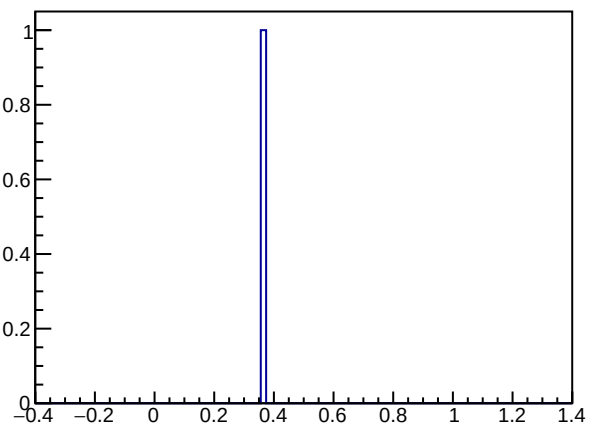

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

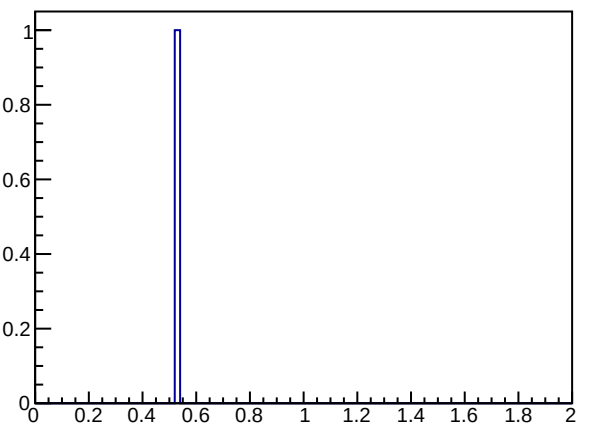

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

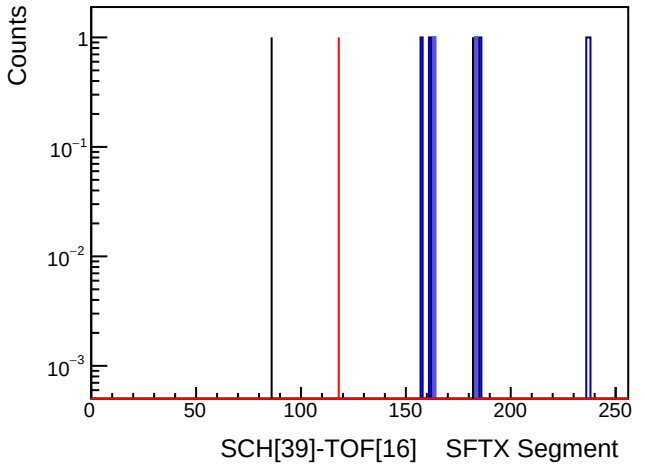

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

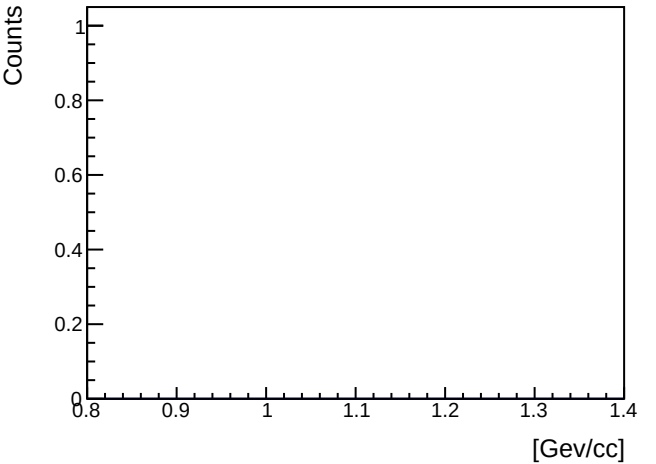

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[39]-TOF[15]
SFTX Segment

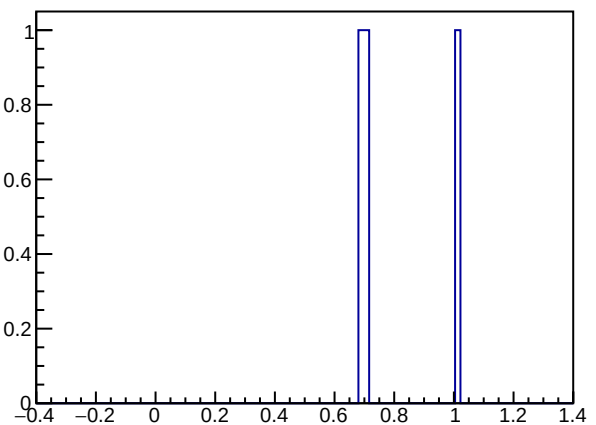

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

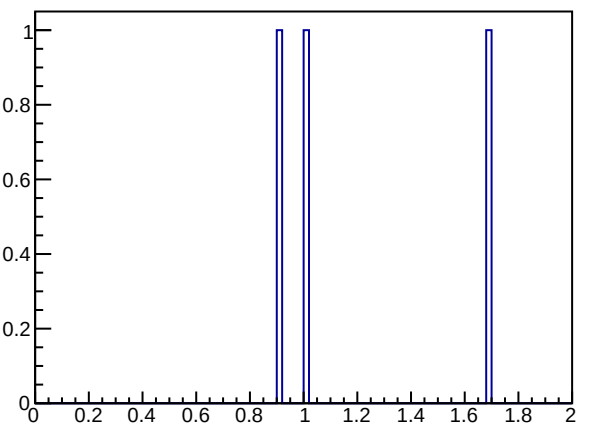

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

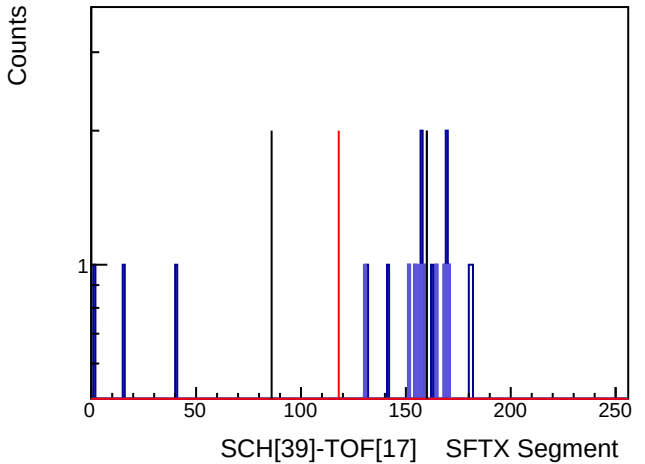

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

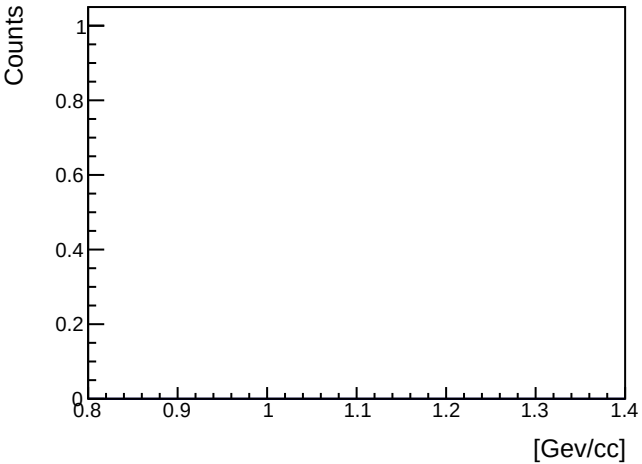

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[39]-TOF[16] SFTX Segment

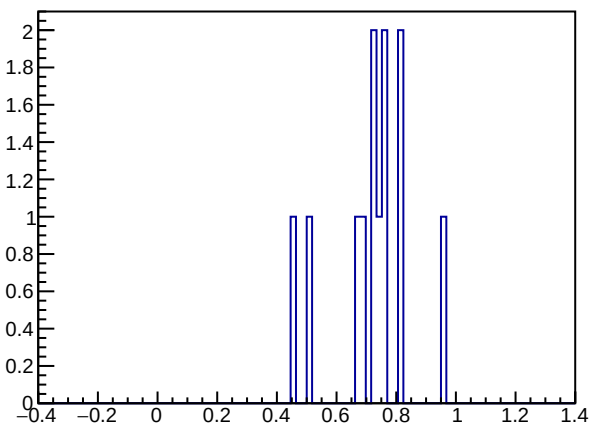

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

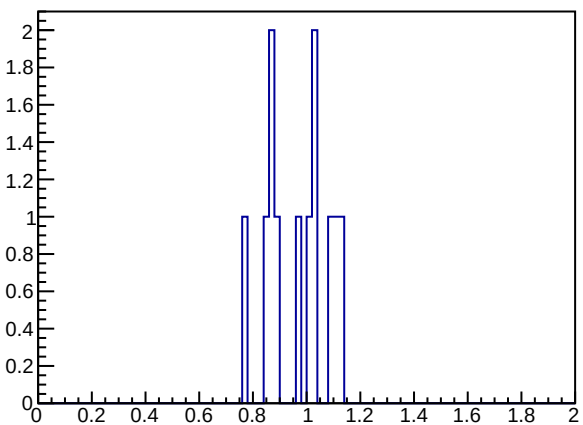

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

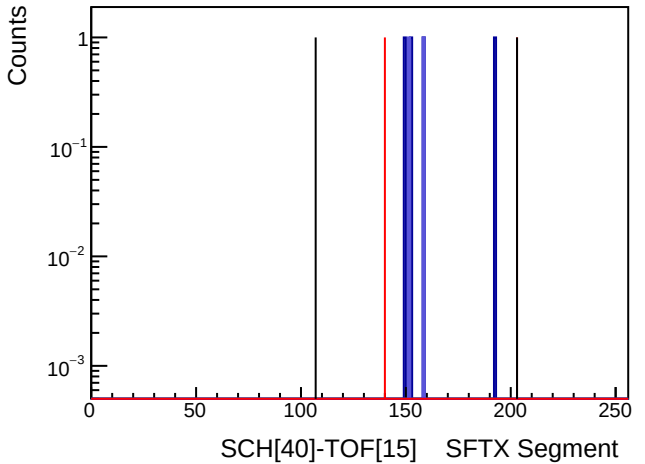

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

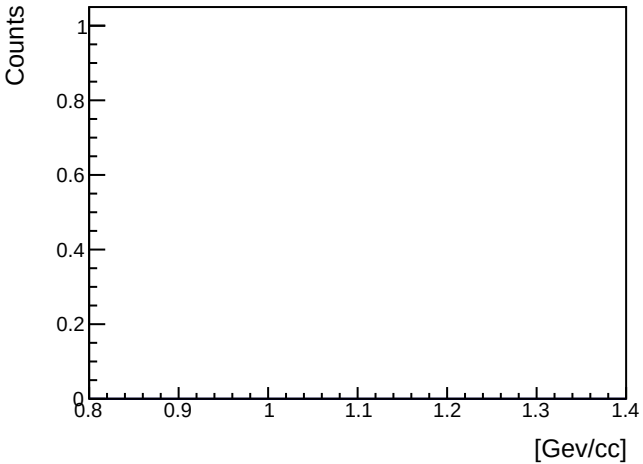

Counts
1
0
50
100
150
200
250
SCH[39]-TOF[17] SFTX Segment

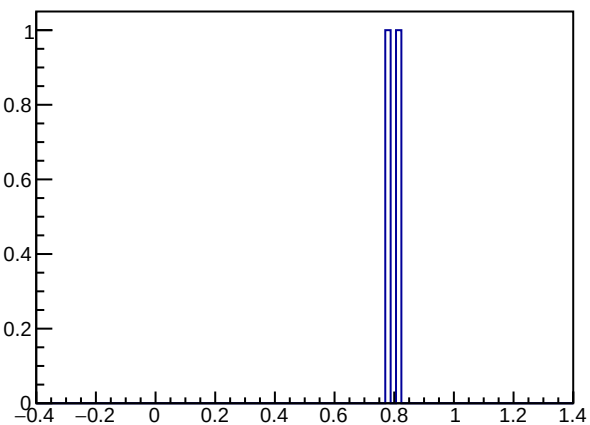

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

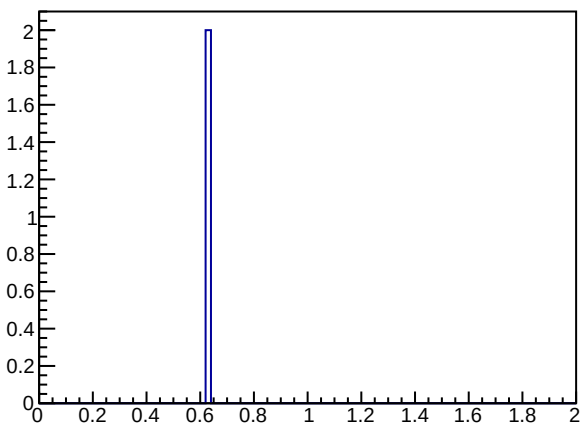

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

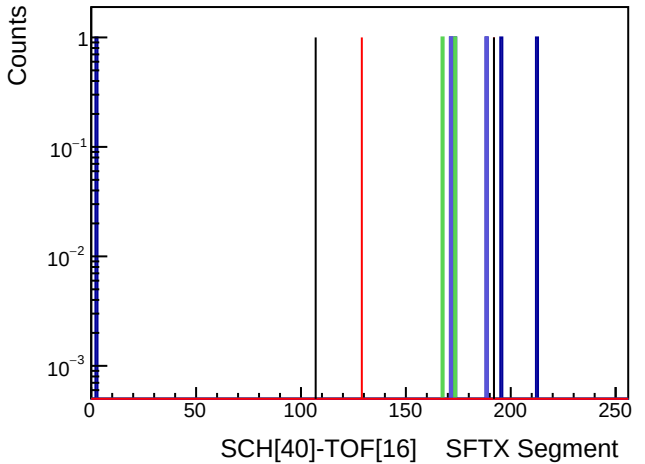

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

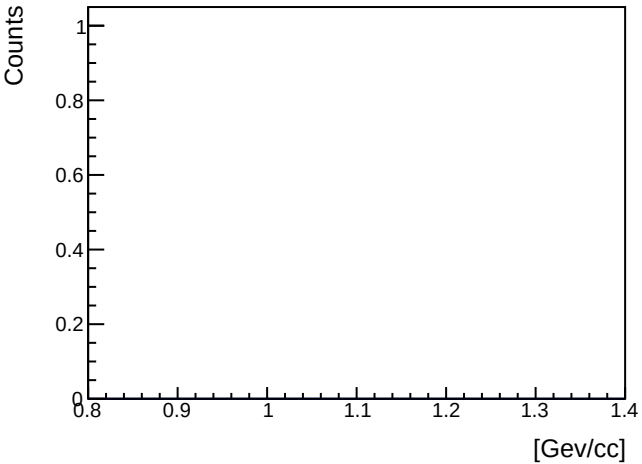

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[40]-TOF[15]
SFTX Segment

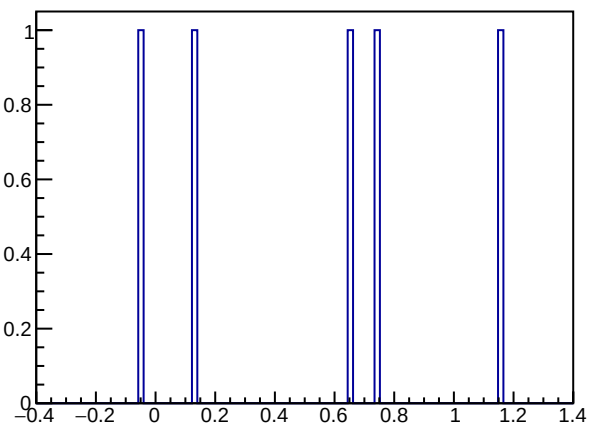

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

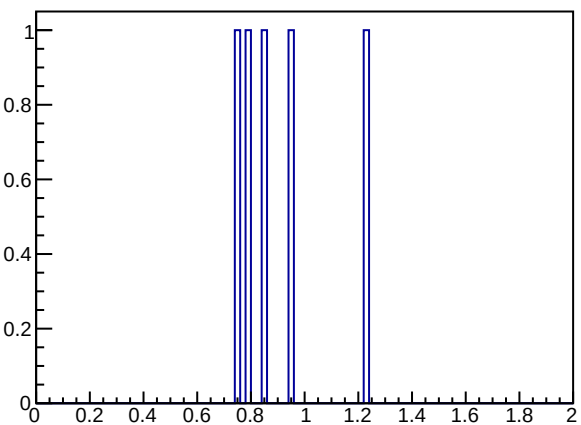

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

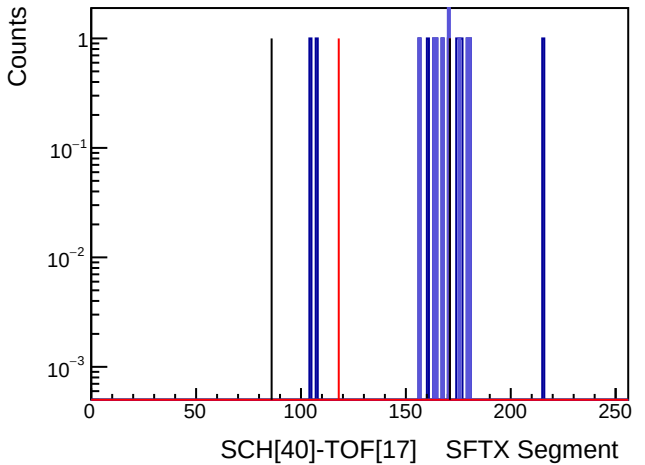

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

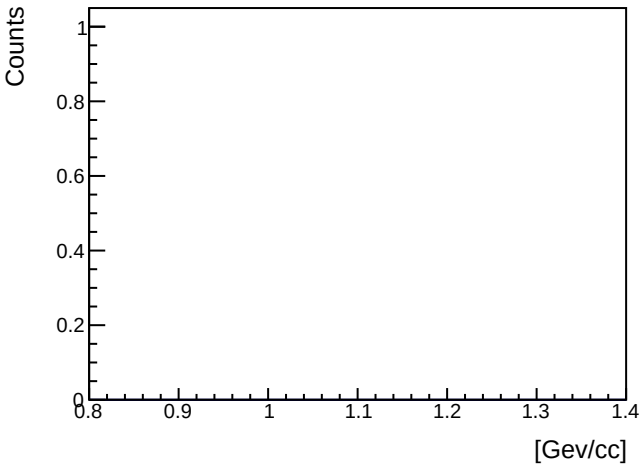

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[40]-TOF[16] SFTX Segment

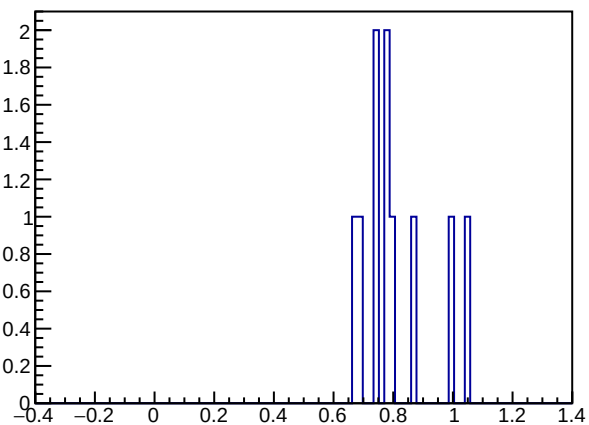

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

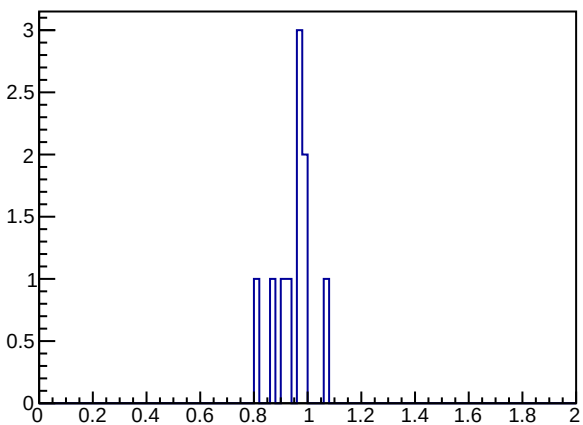

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

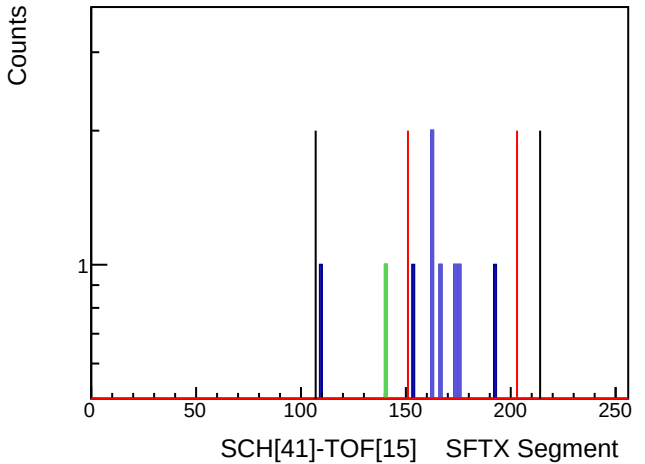

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

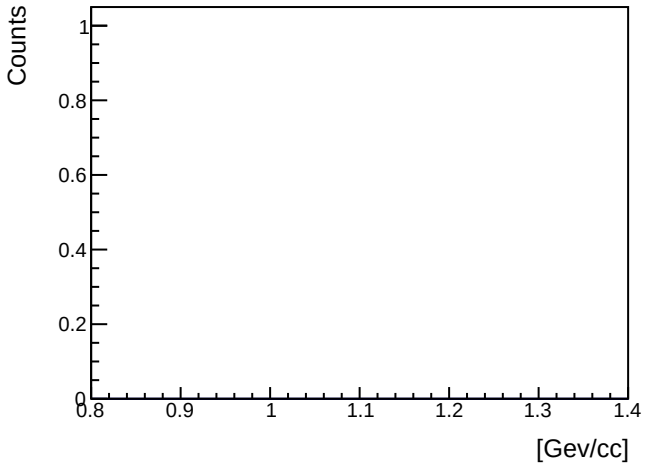

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[40]-TOF[17] SFTX Segment

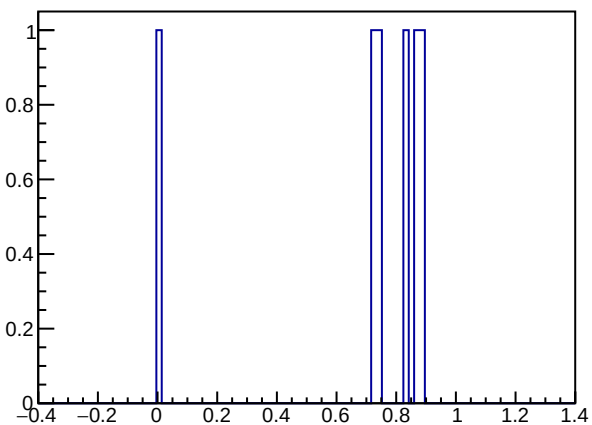

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

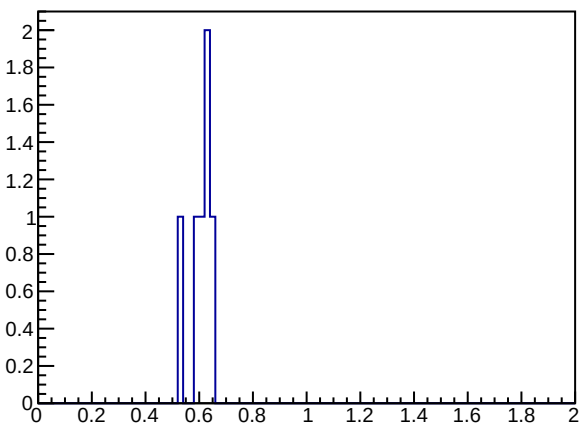

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

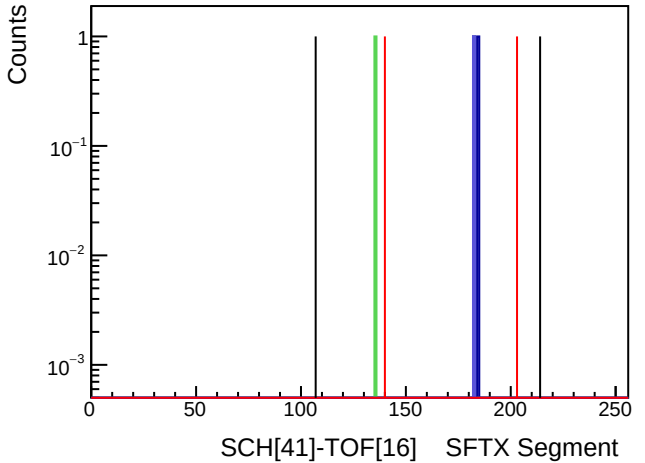

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

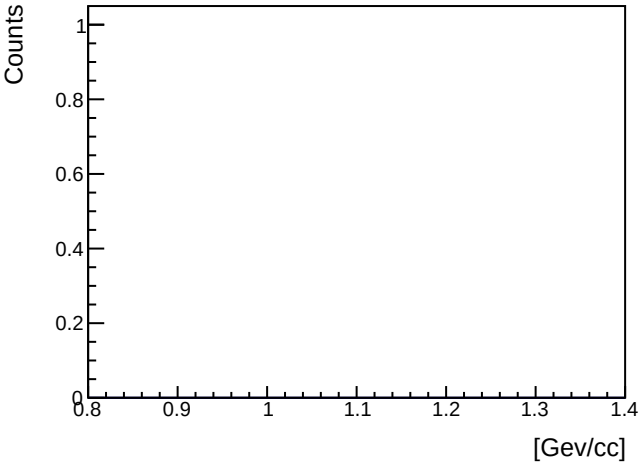

Counts
1
0
50
100
150
200
250
SCH[41]-TOF[15] SFTX Segment

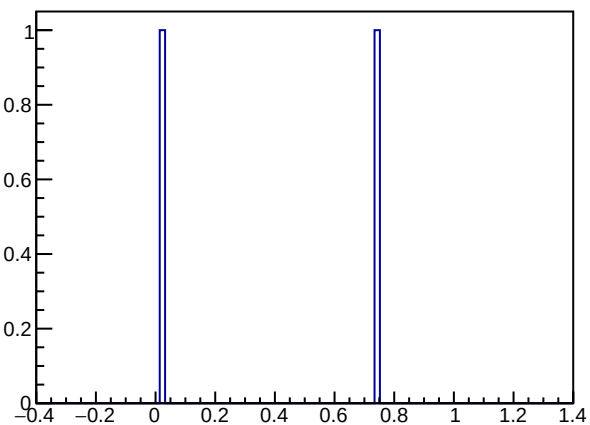

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

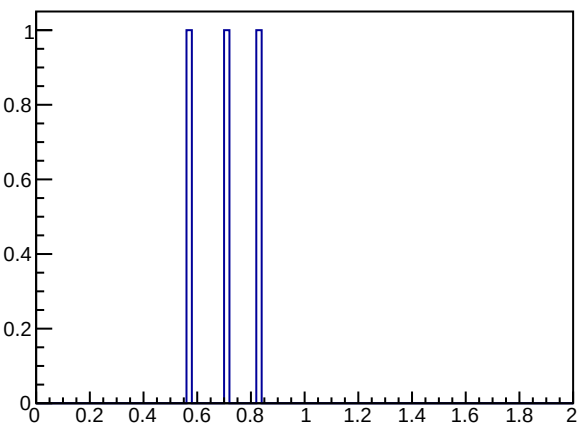

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

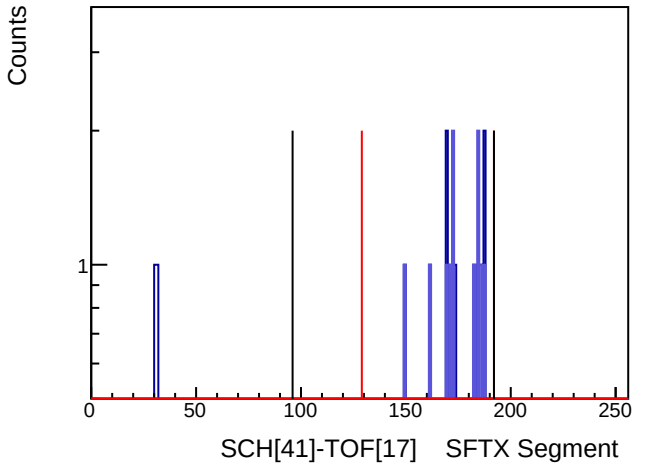

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

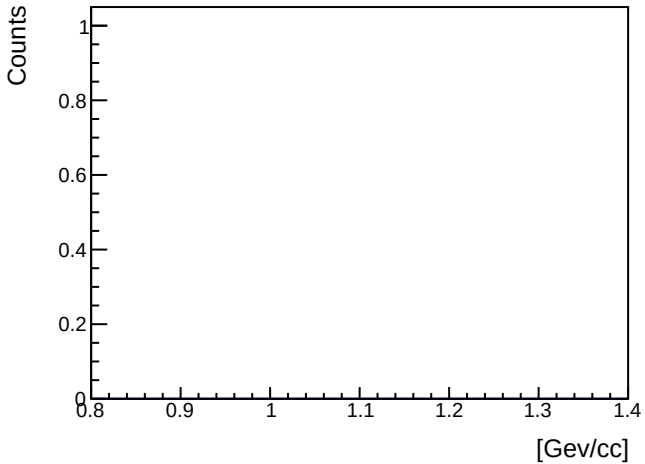

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[41]-TOF[16] SFTX Segment

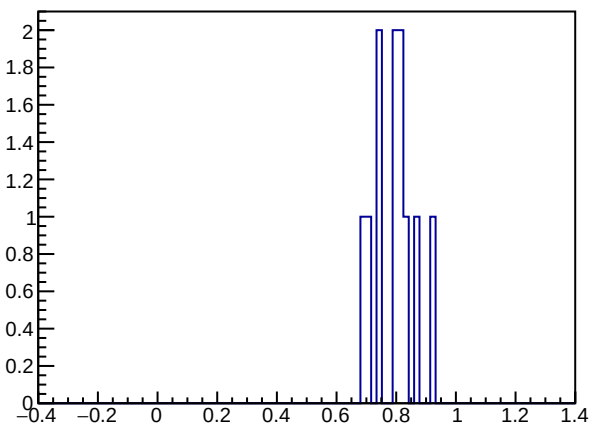

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

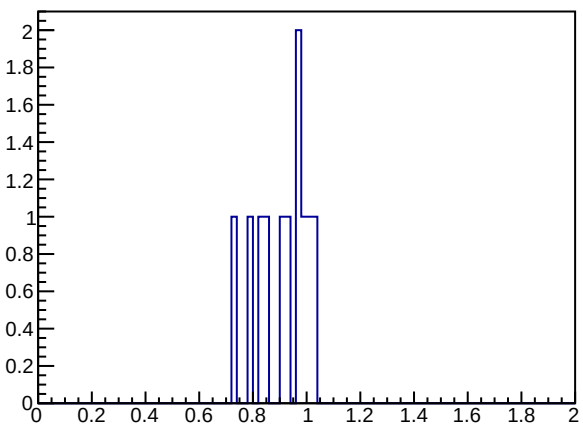

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

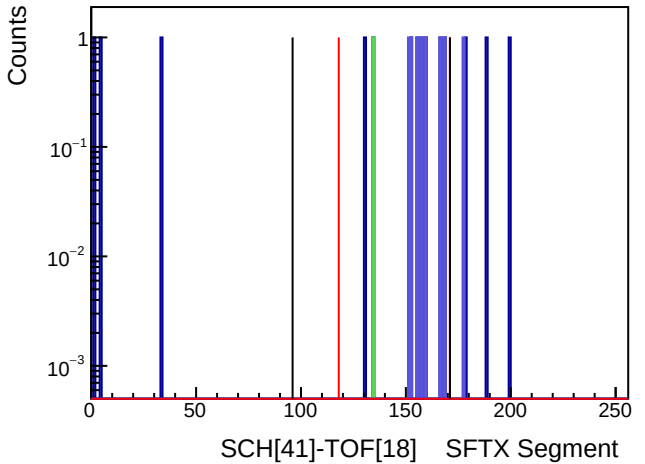

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

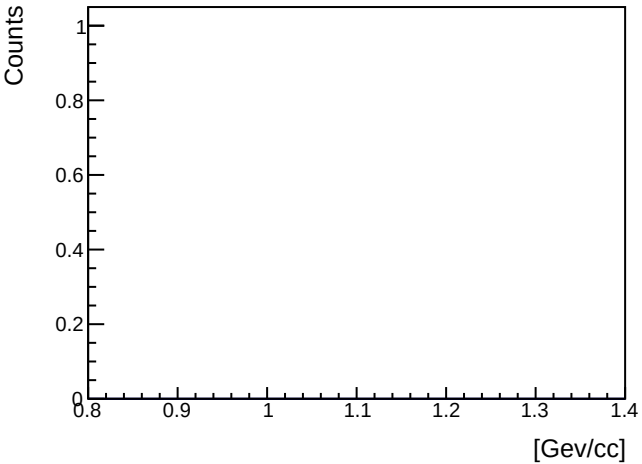

Counts
1
0
50
100
150
200
250
SCH[41]-TOF[17] SFTX Segment

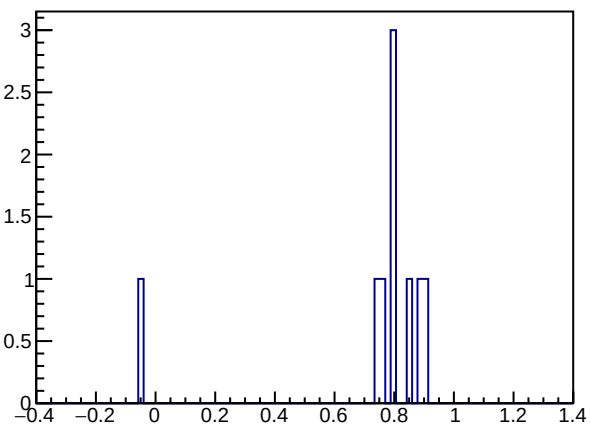

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

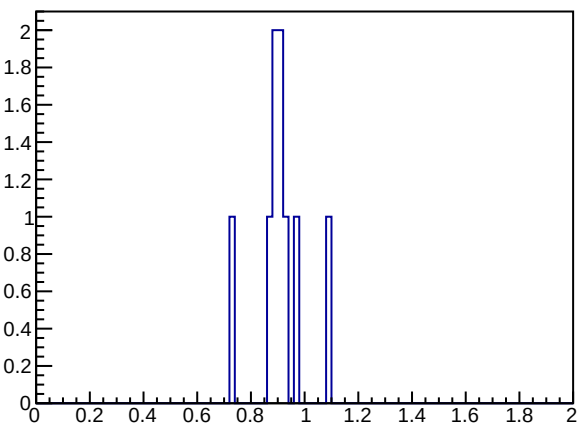

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

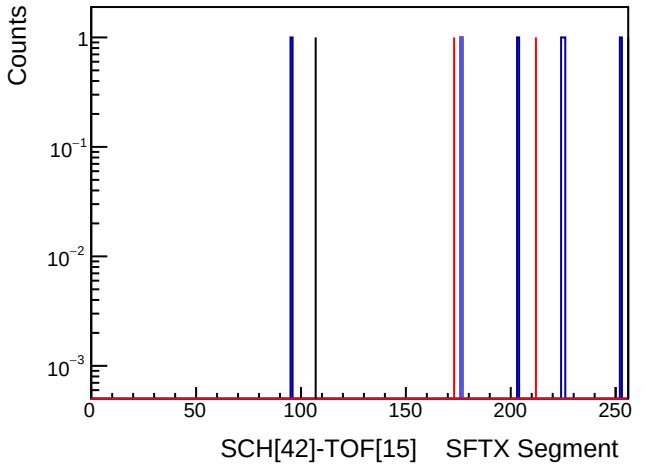

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

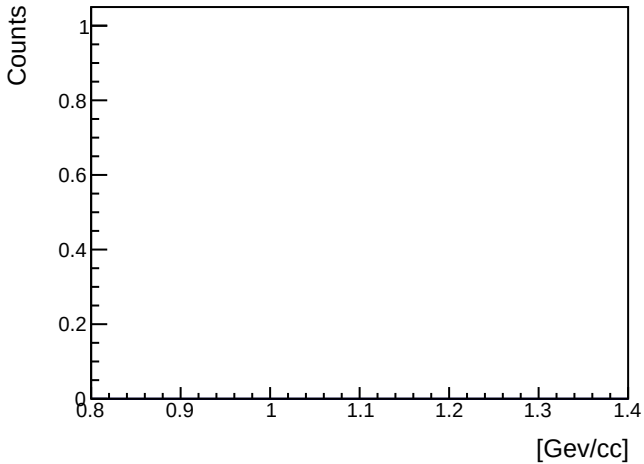

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[41]-TOF[18] SFTX Segment

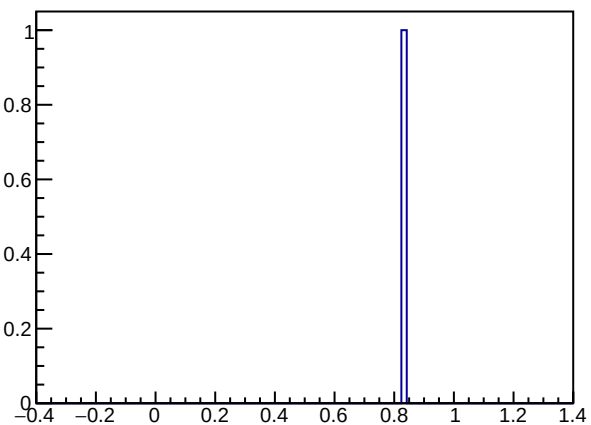

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

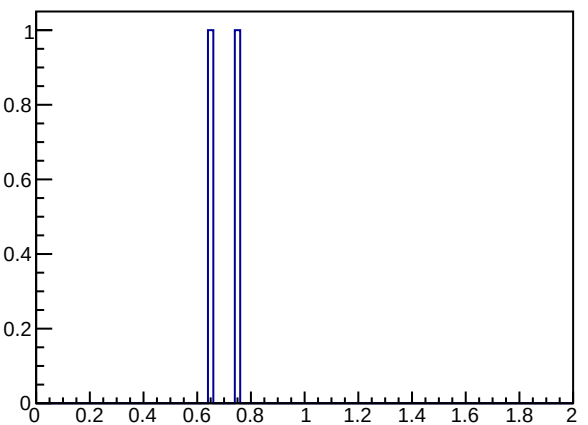

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

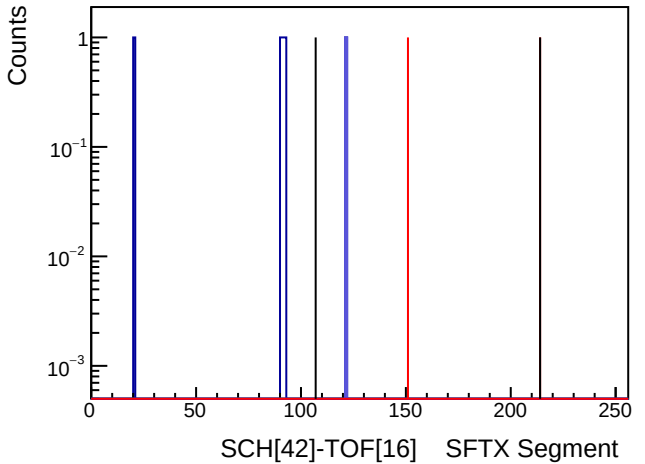

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

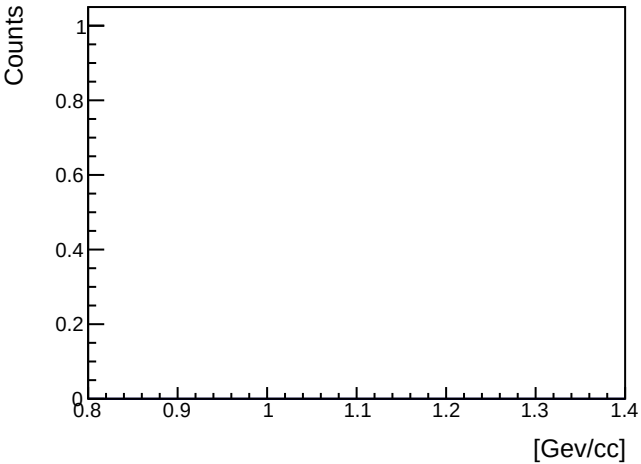

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[42]-TOF[15] SFTX Segment

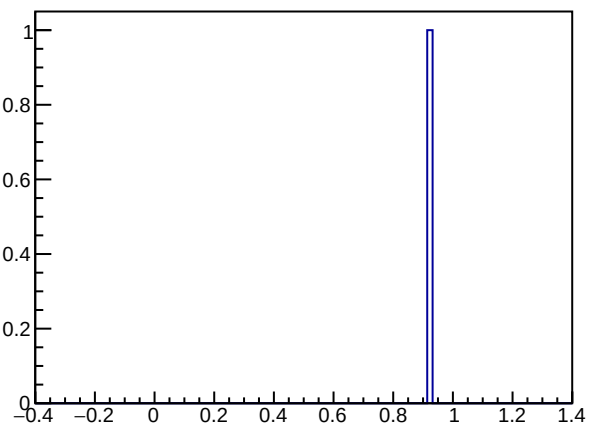

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

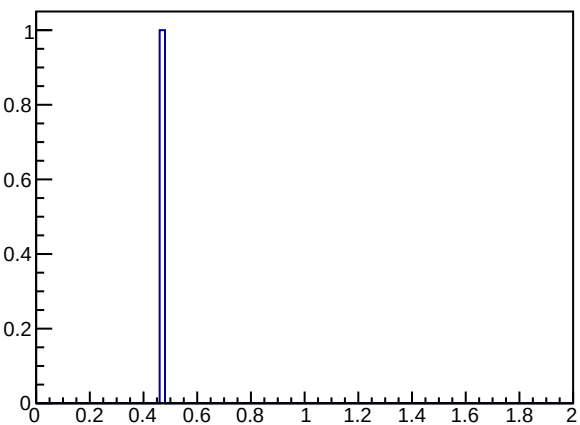

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

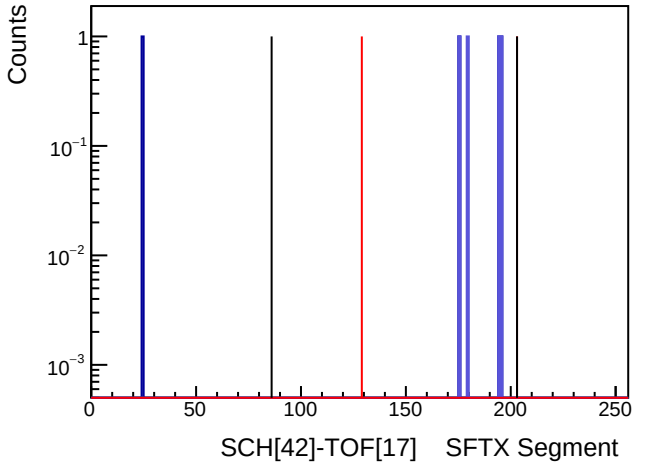

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

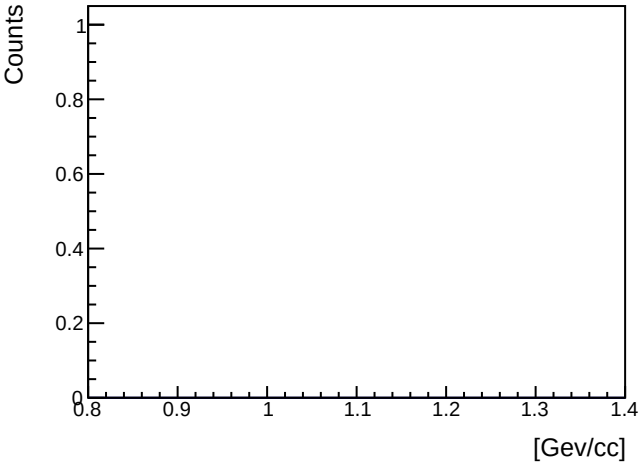

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[42]-TOF[16] SFTX Segment

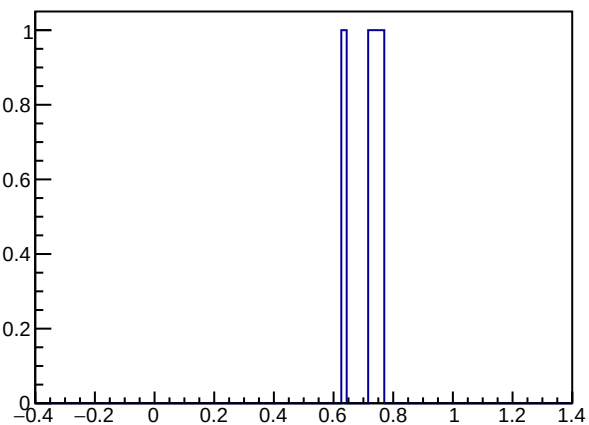

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

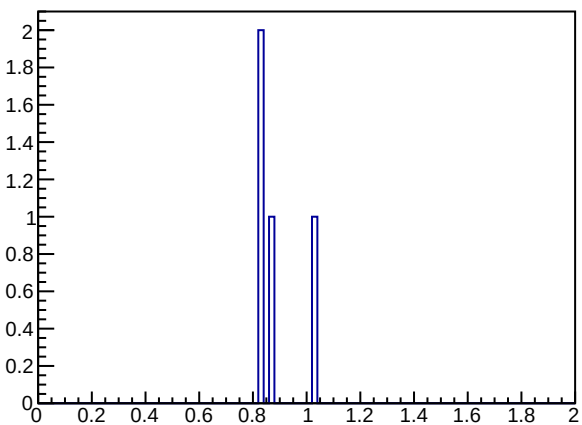

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

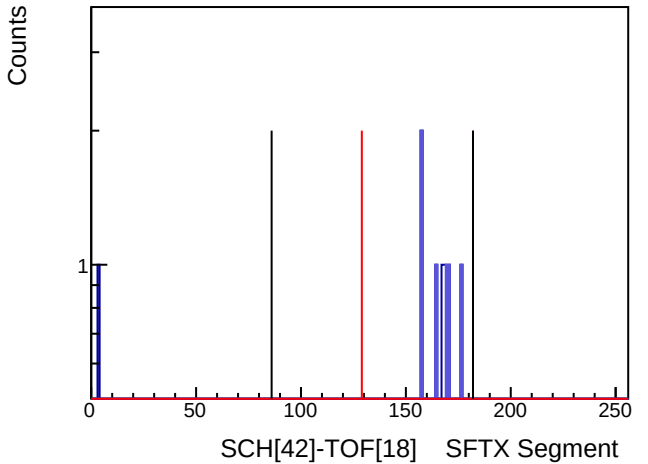

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

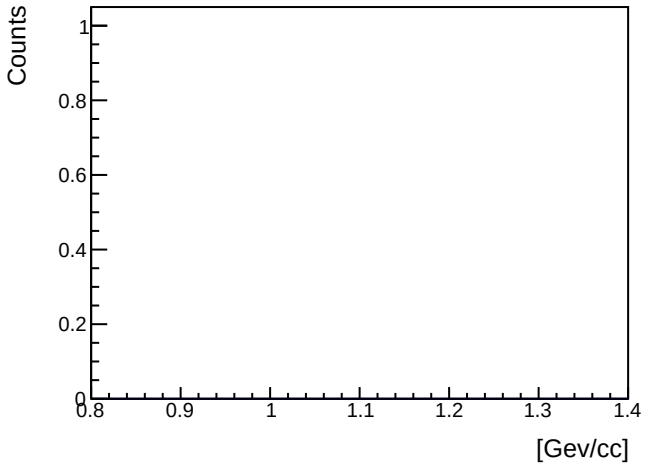

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[42]-TOF[17] SFTX Segment

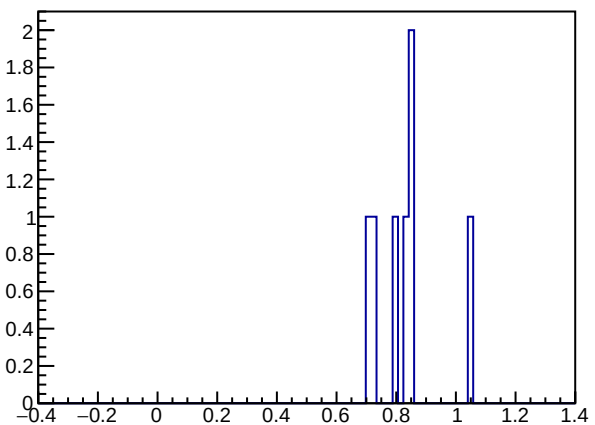

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

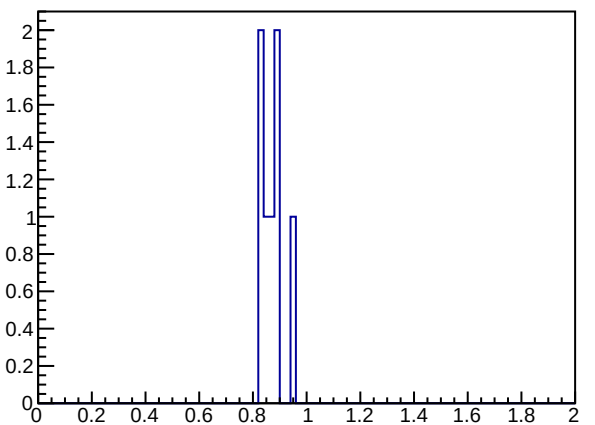

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

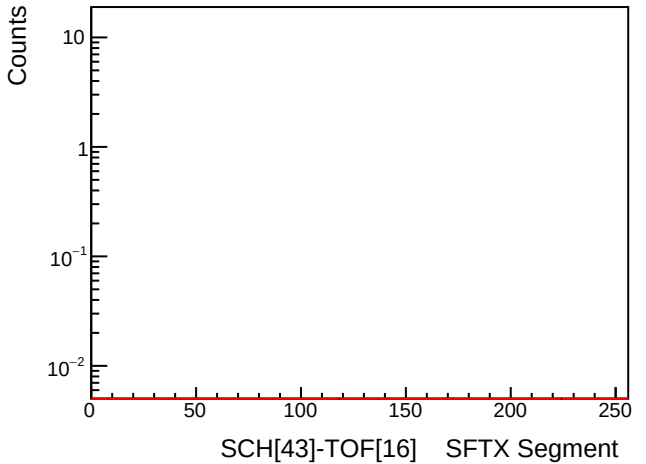

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

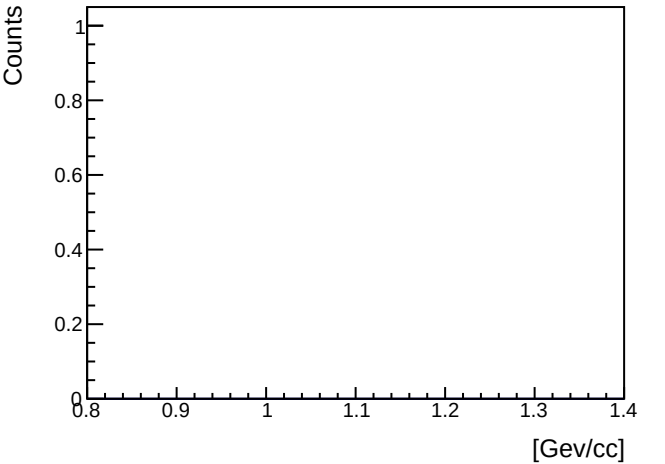

Counts
1
0
50
100
150
200
250
SCH[42]-TOF[18] SFTX Segment

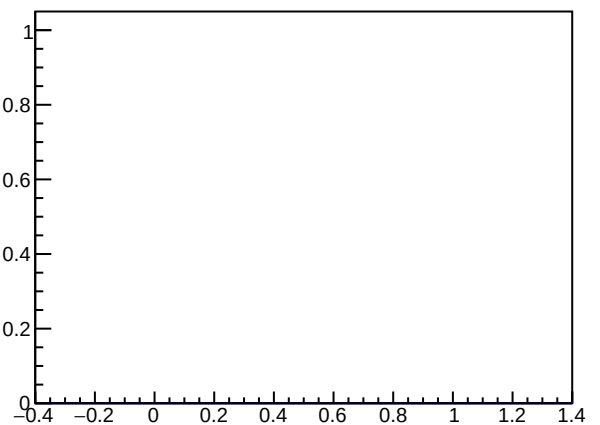

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

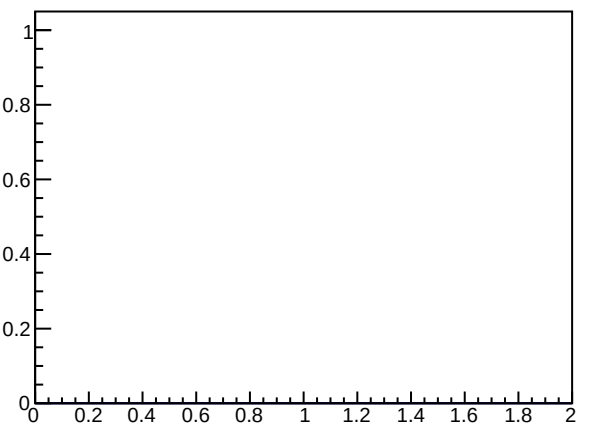

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

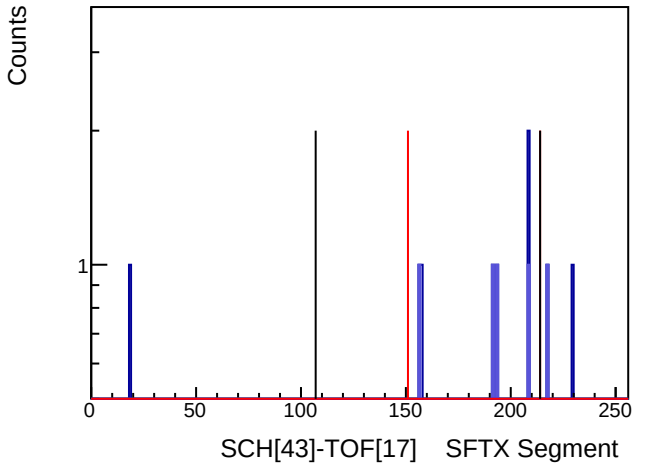

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

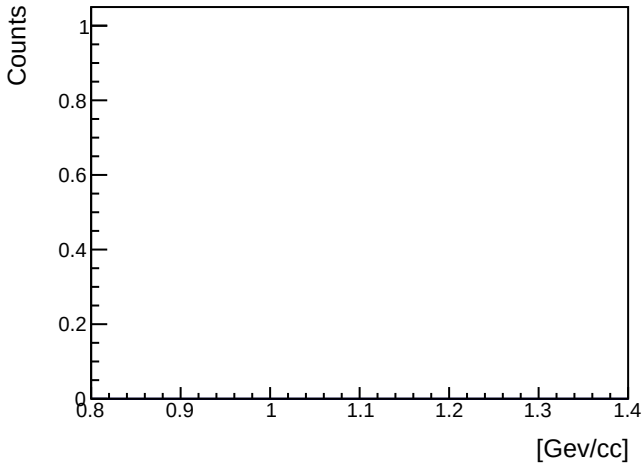

Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[43]-TOF[16] SFTX Segment

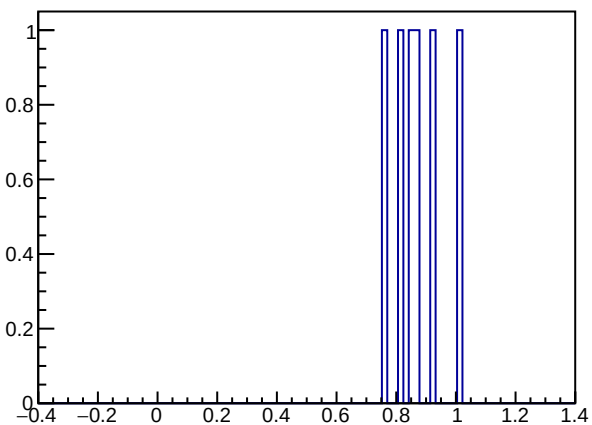

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

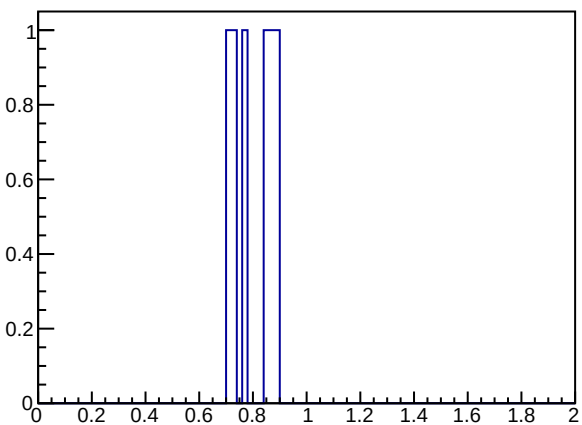

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

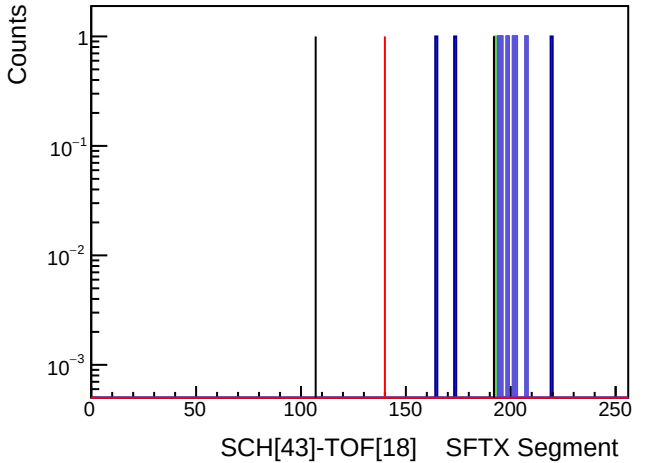

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

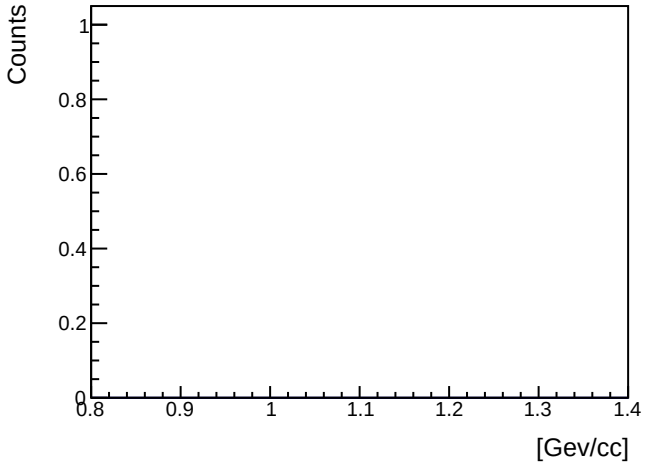

Counts
1
0
50
100
150
200
250
SCH[43]-TOF[17] SFTX Segment

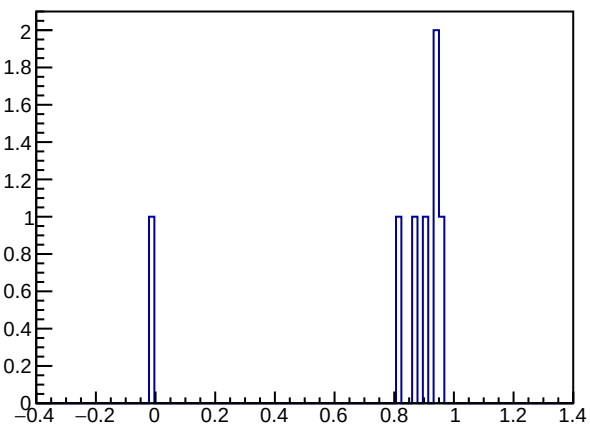

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

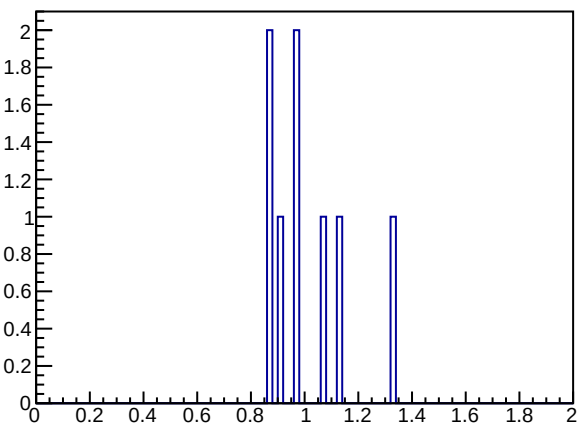

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

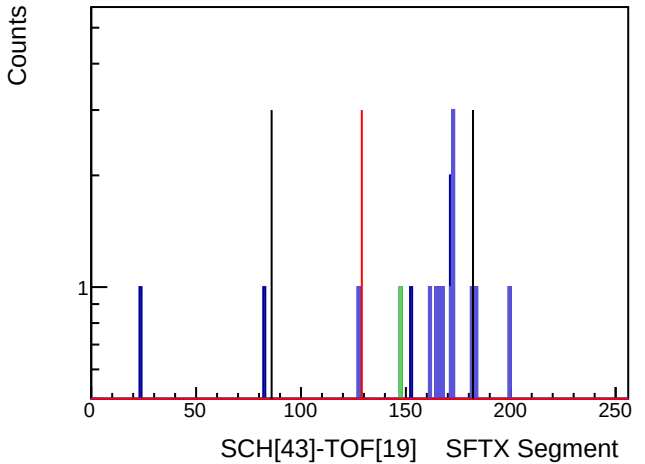

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

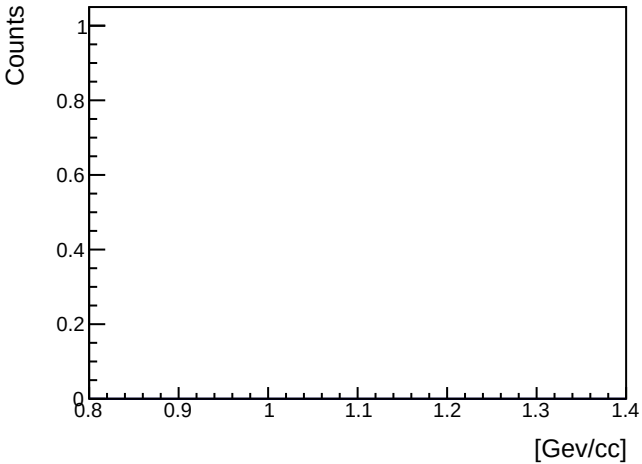

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[43]-TOF[18] SFTX Segment

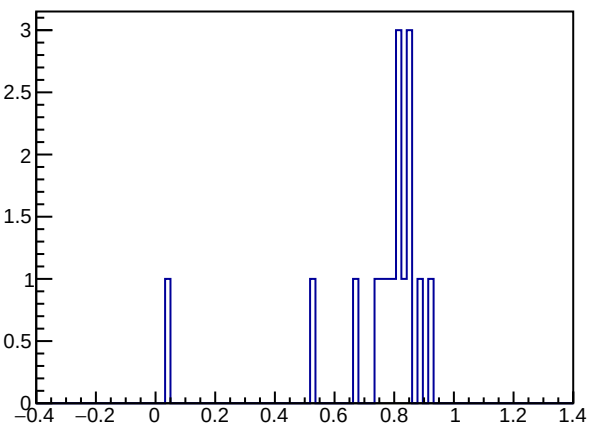

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

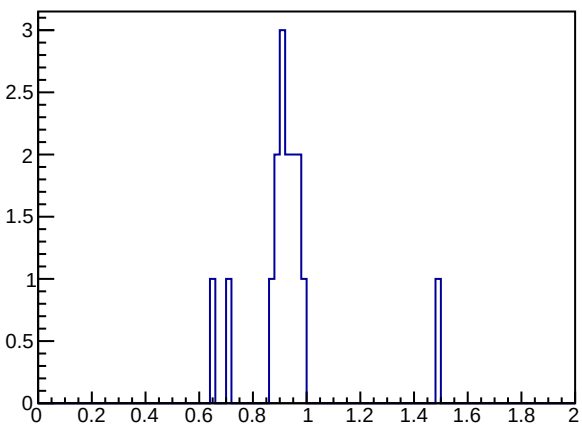

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

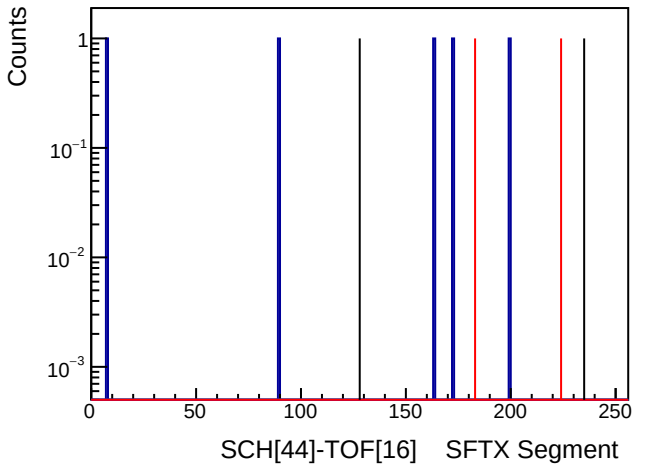

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

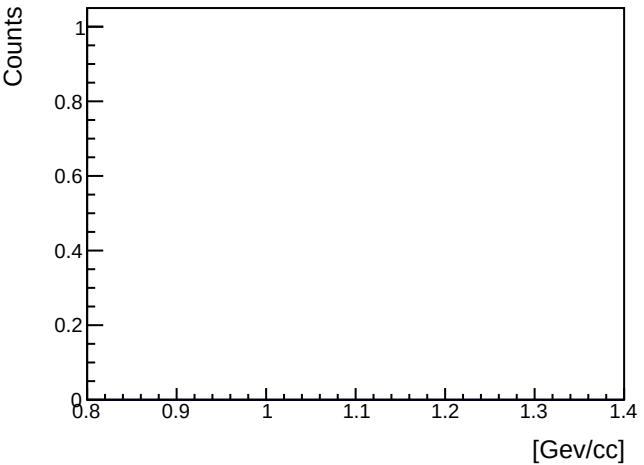

Counts
1
0
50
100
150
200
250
SCH[43]-TOF[19] SFTX Segment

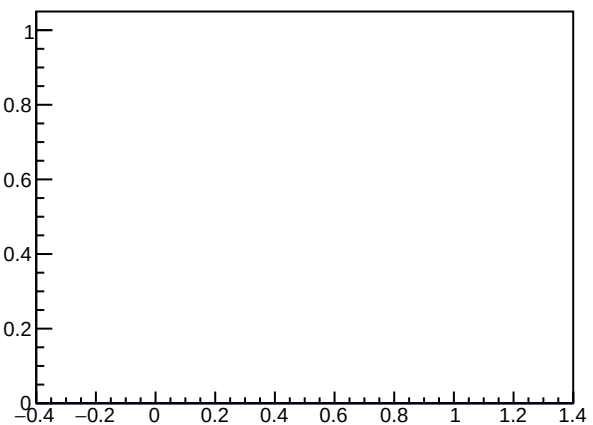

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

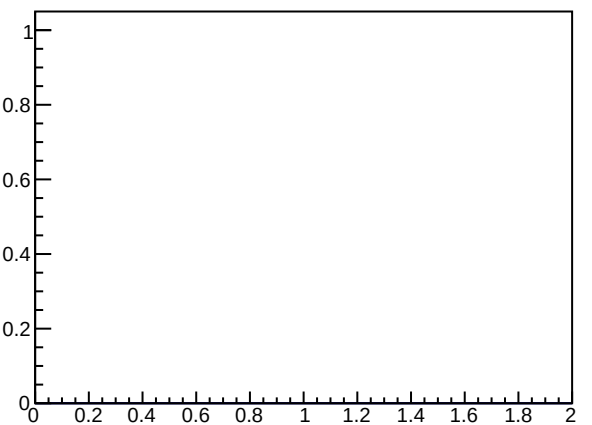

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

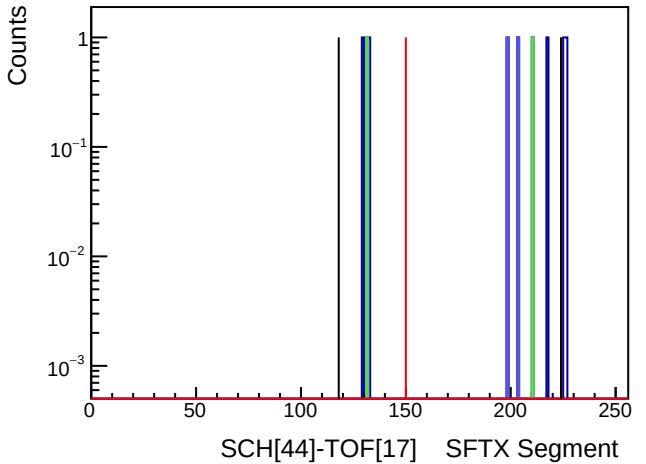

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

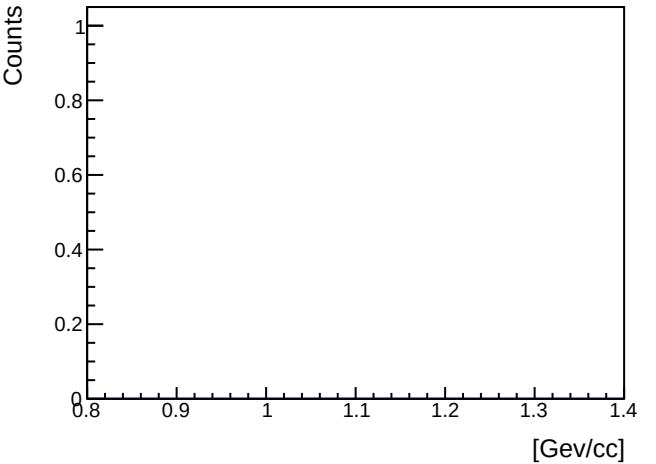

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[44]-TOF[16] SFTX Segment

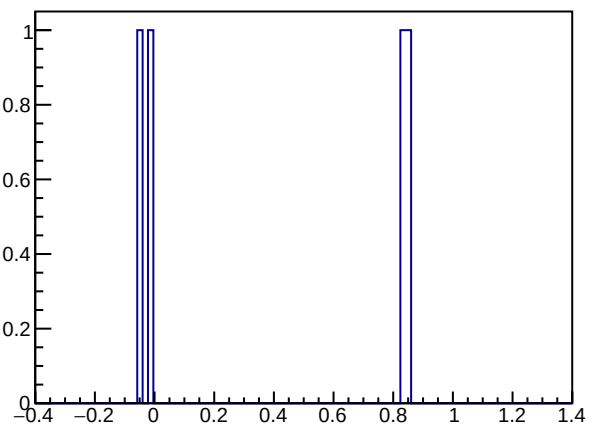

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

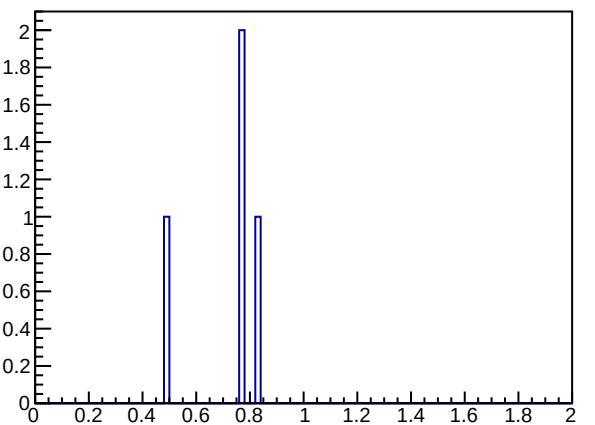

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

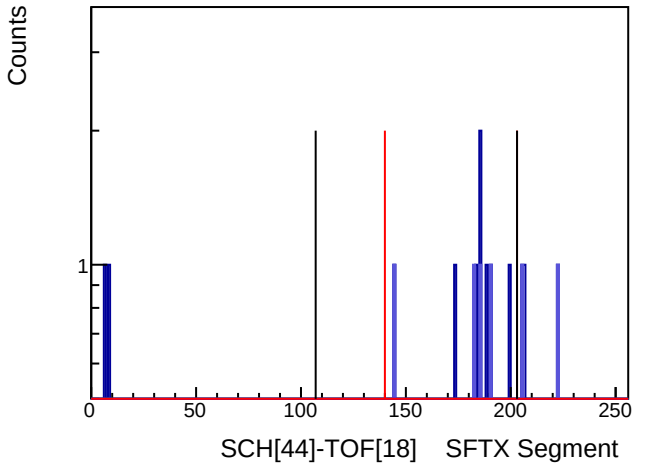

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

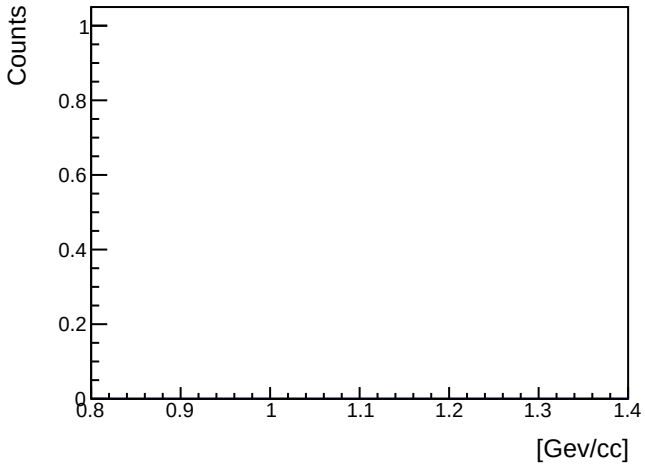

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[44]-TOF[17] SFTX Segment

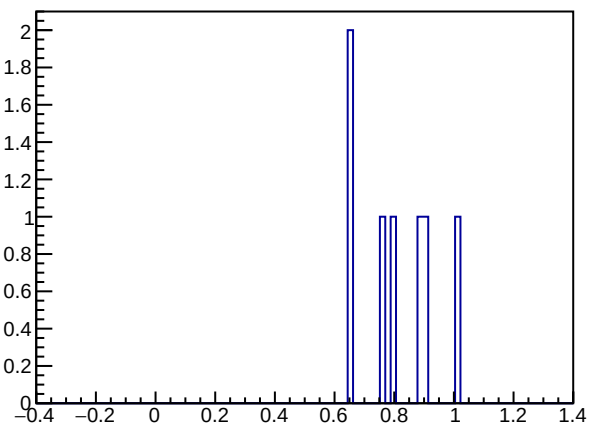

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

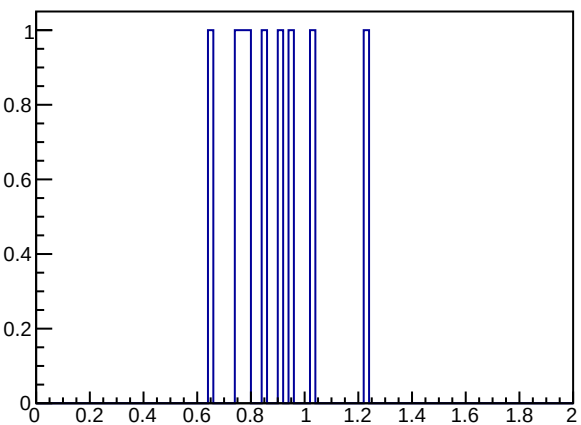

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

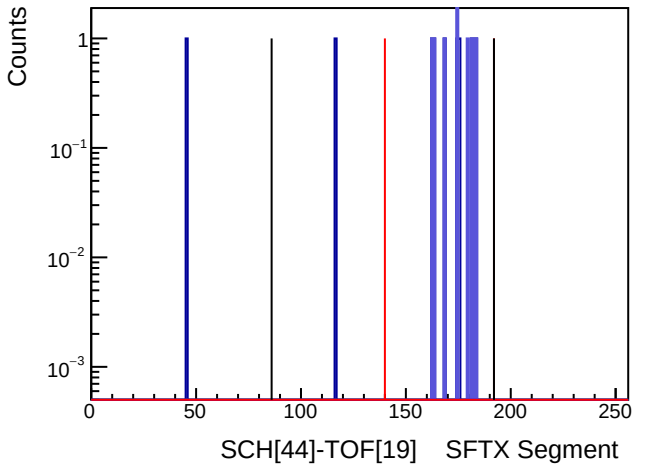

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

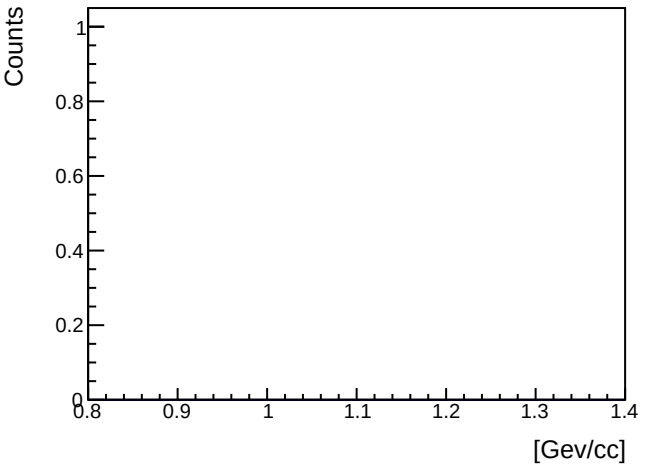

Counts
1
0
50
100
150
200
250
SCH[44]-TOF[18] SFTX Segment

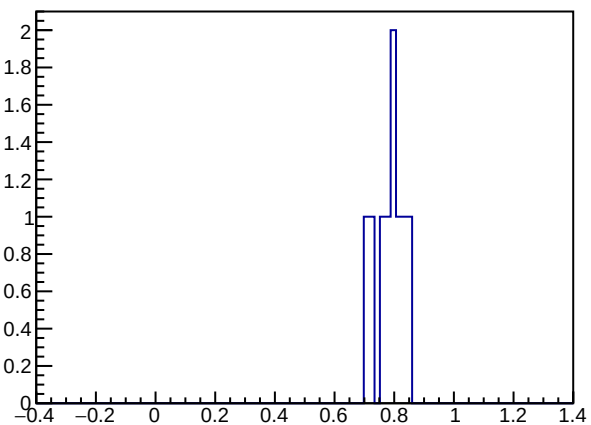

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

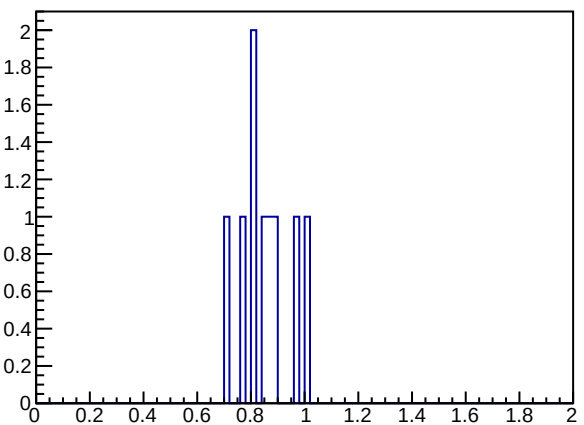

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

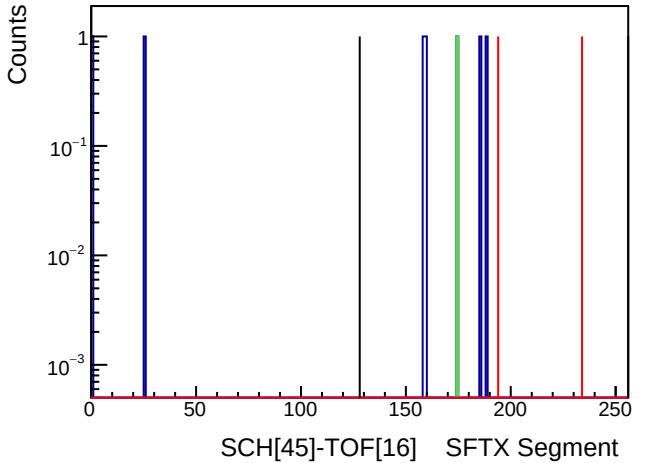

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

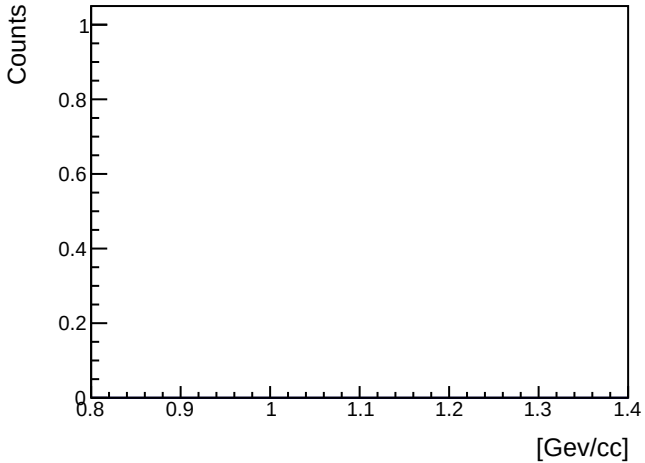

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[44]-TOF[19] SFTX Segment

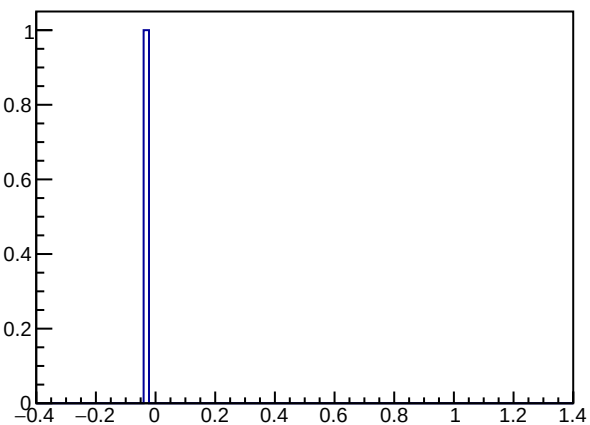

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

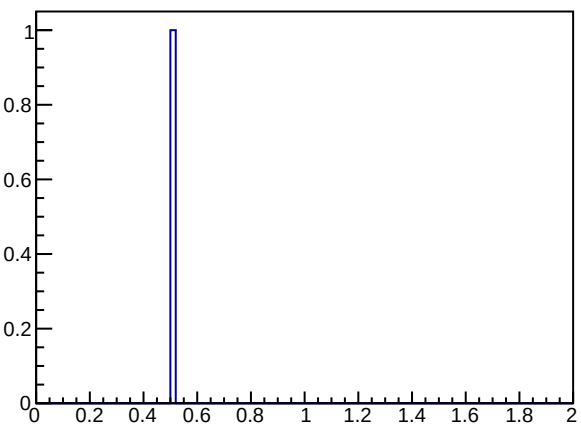

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

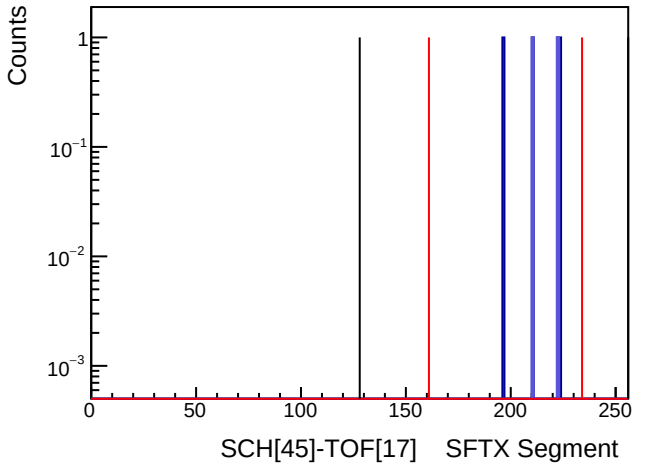

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

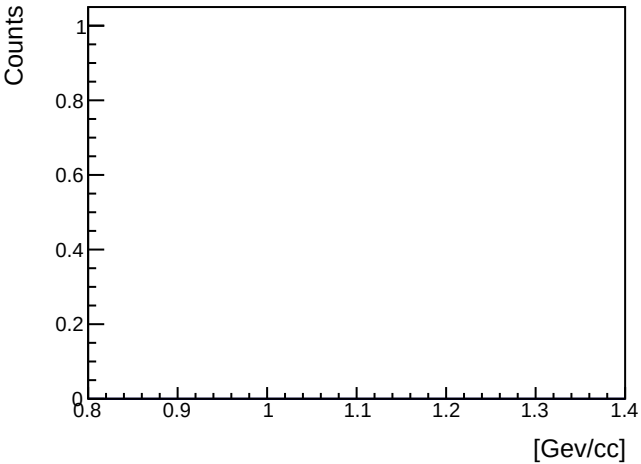

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[45]-TOF[16] SFTX Segment

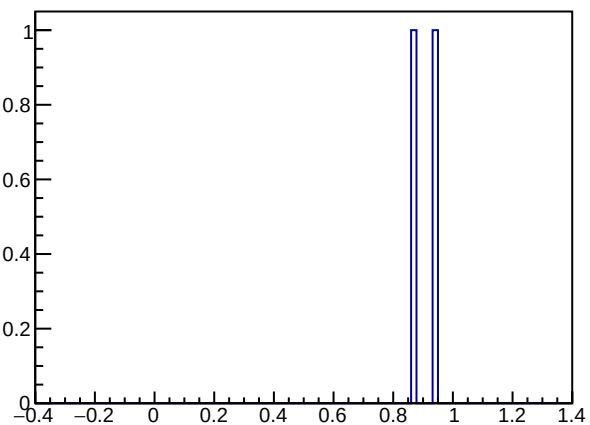

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

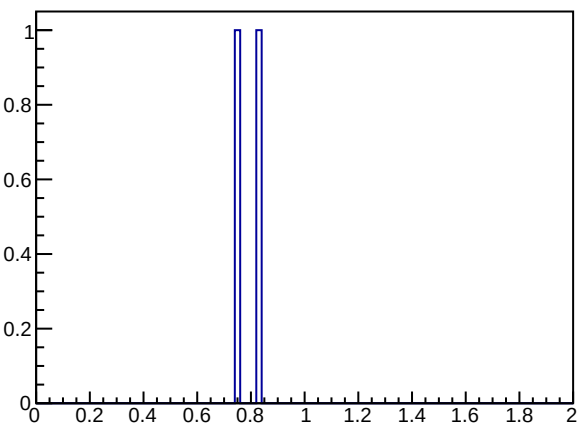

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

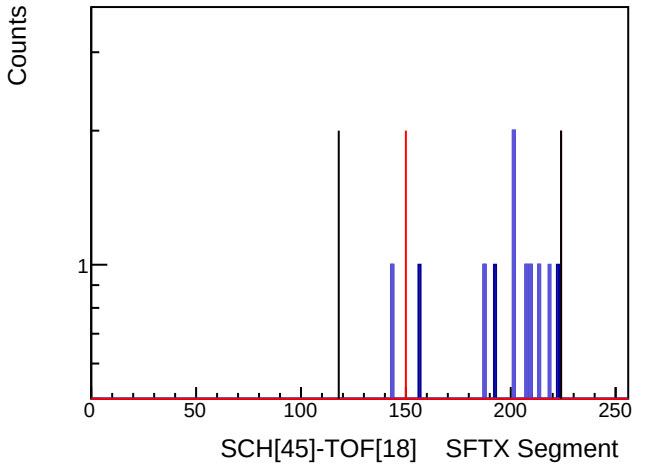

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

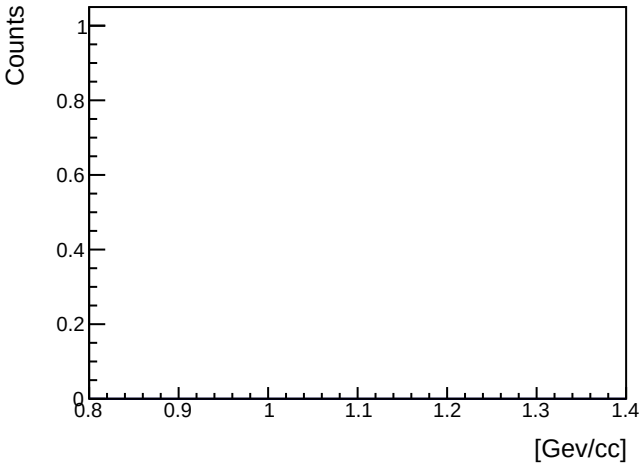

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[45]-TOF[17] SFTX Segment

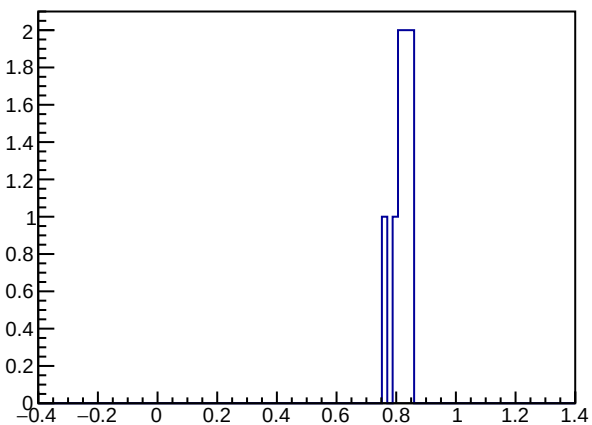

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

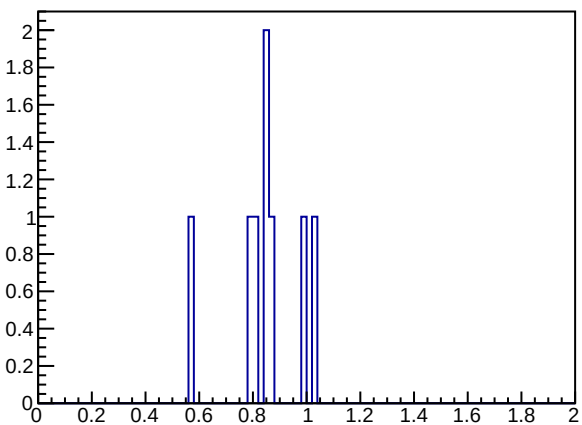

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

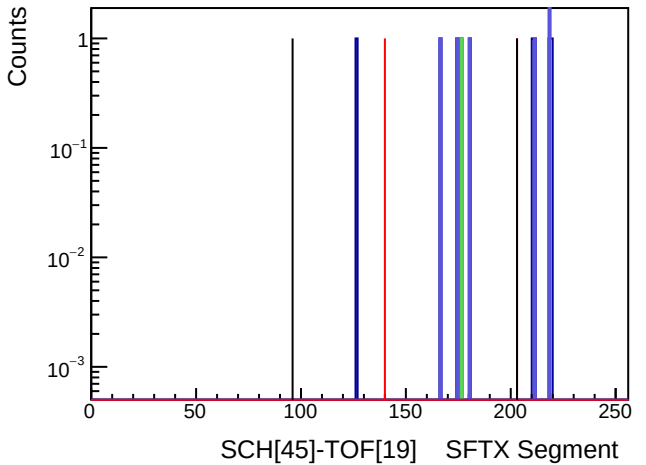

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

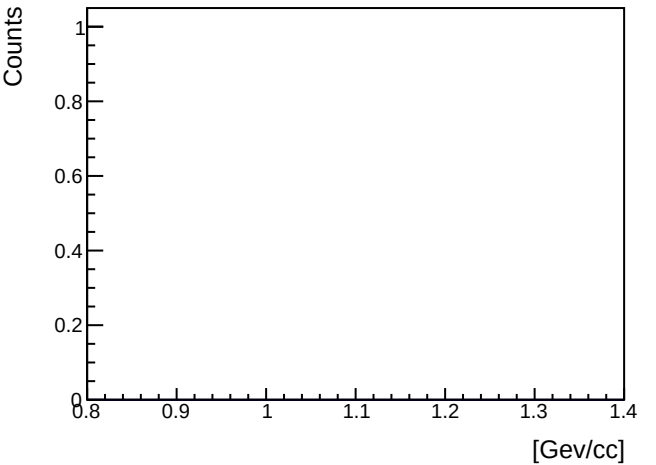

Counts
1
0
50
100
150
200
250
SCH[45]-TOF[18] SFTX Segment

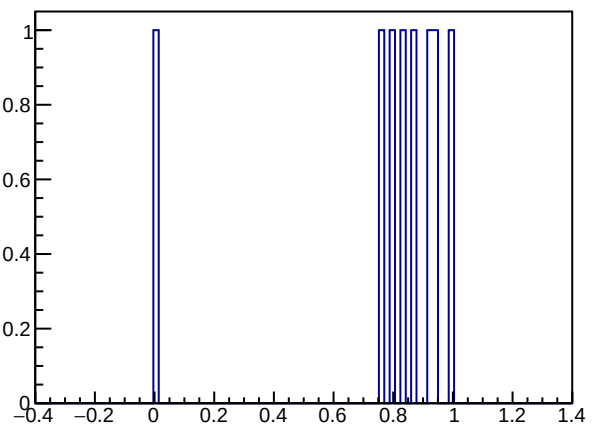

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

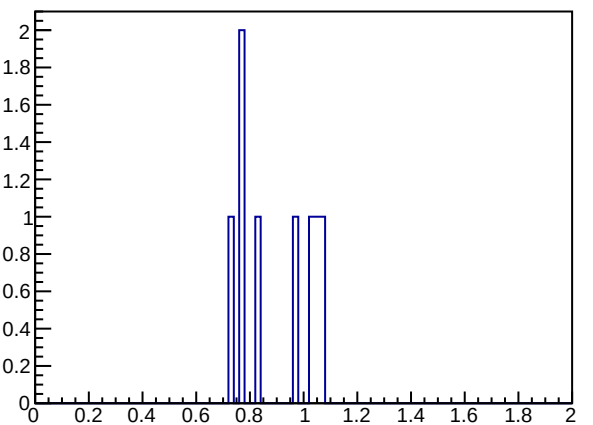

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

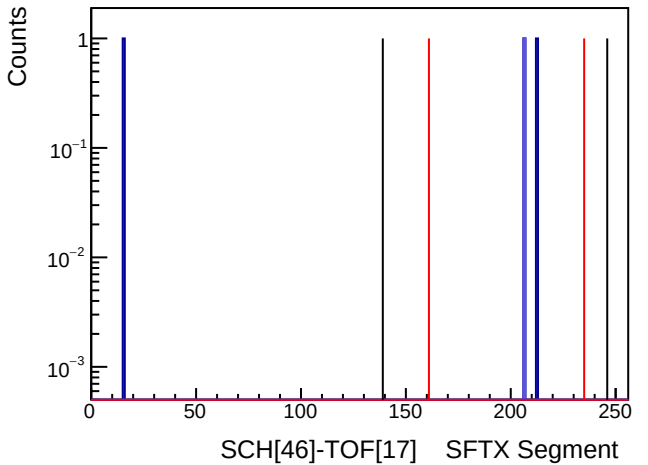

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

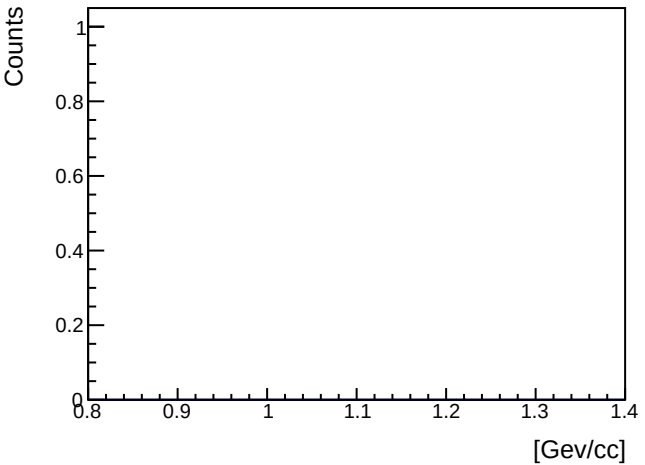

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[45]-TOF[19] SFTX Segment

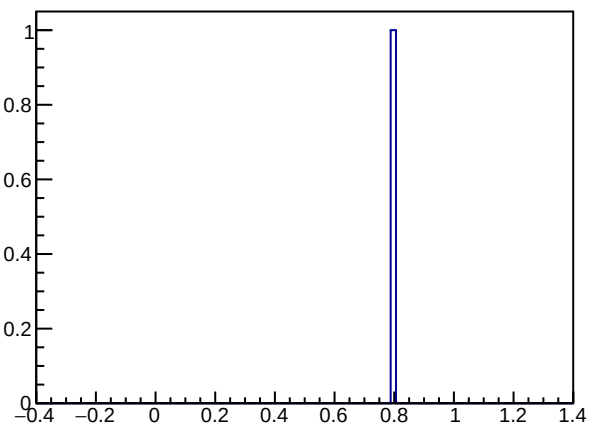

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

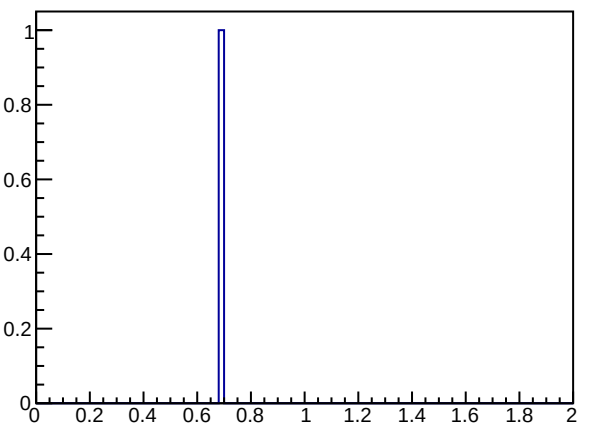

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

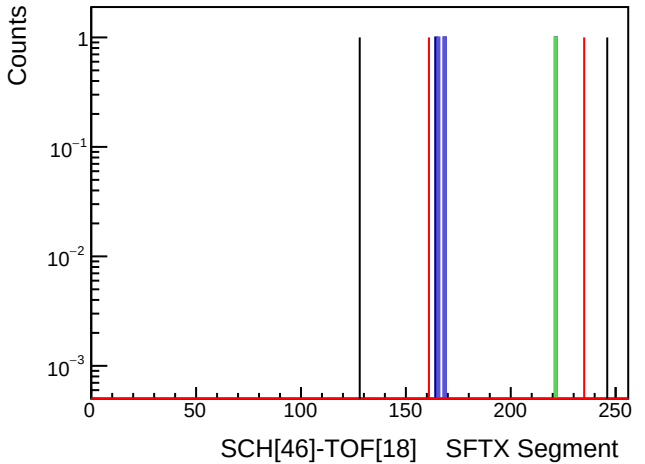

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

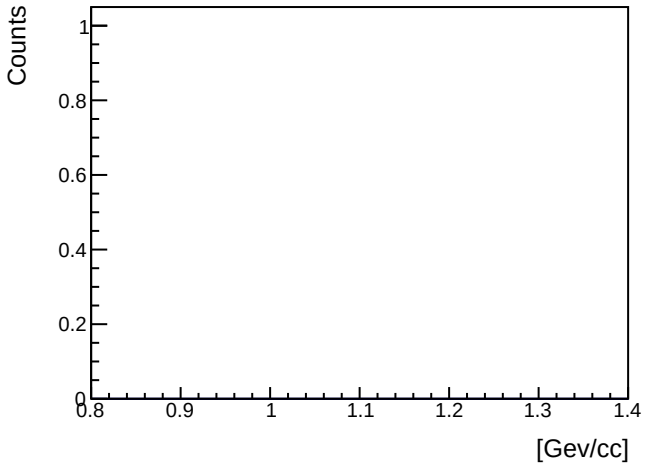

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[46]-TOF[17] SFTX Segment

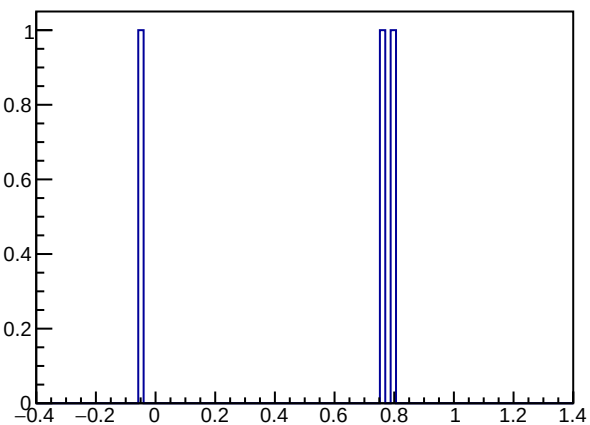

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

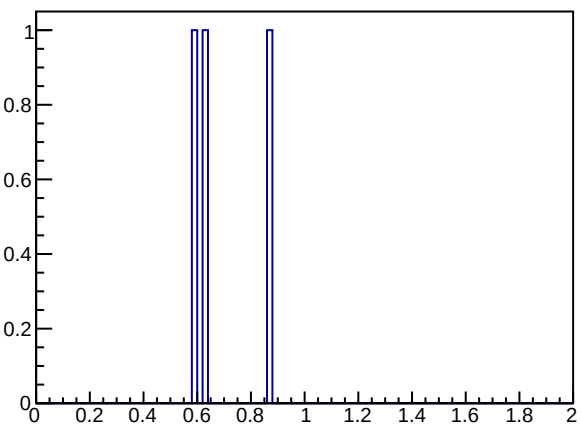

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

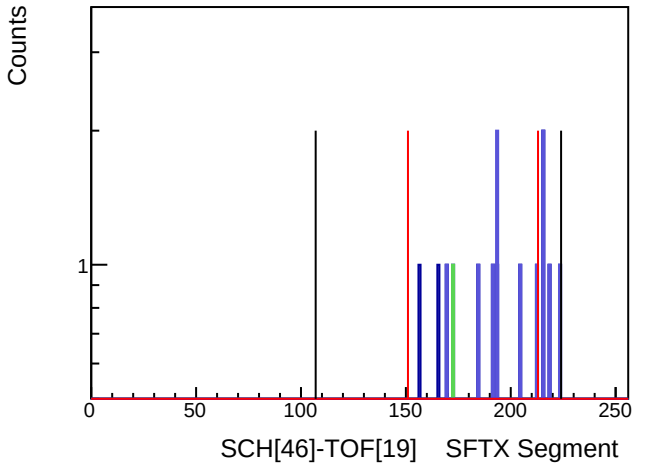

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

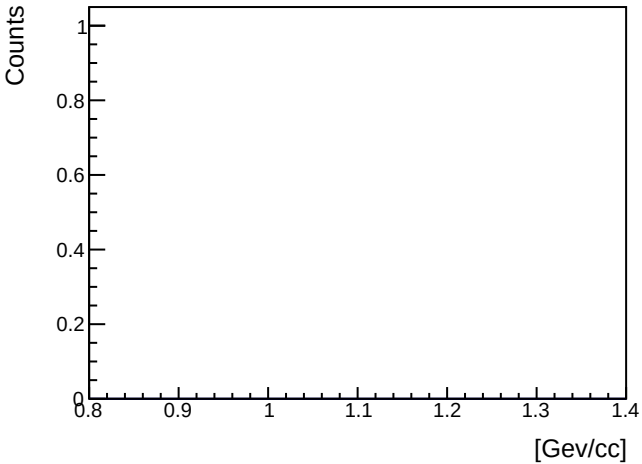

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[46]-TOF[18] SFTX Segment

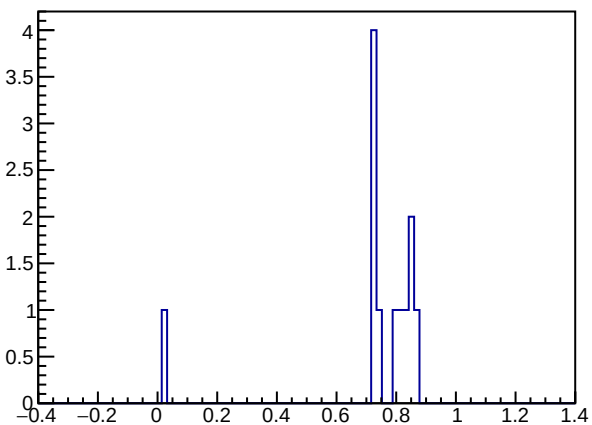

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

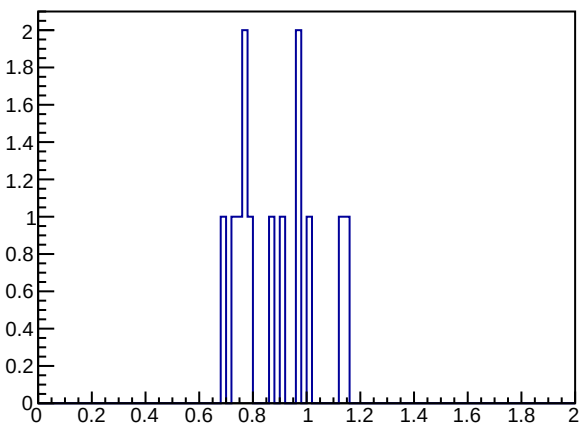

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

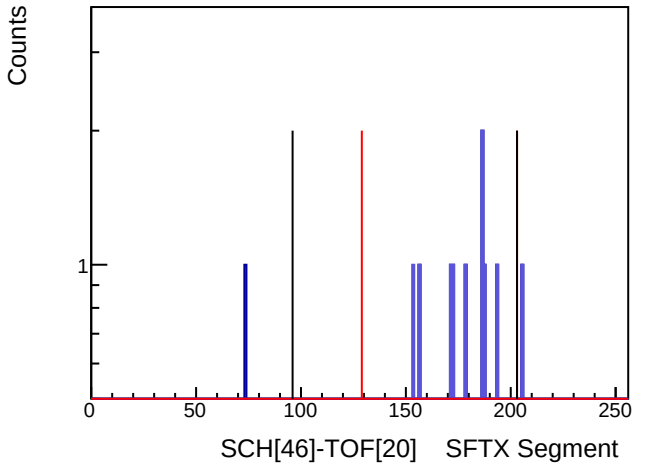

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

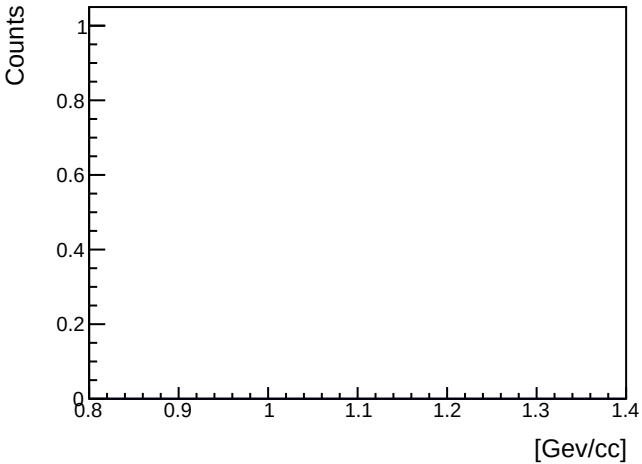

Counts
1
0
50
100
150
200
250
SCH[46]-TOF[19] SFTX Segment

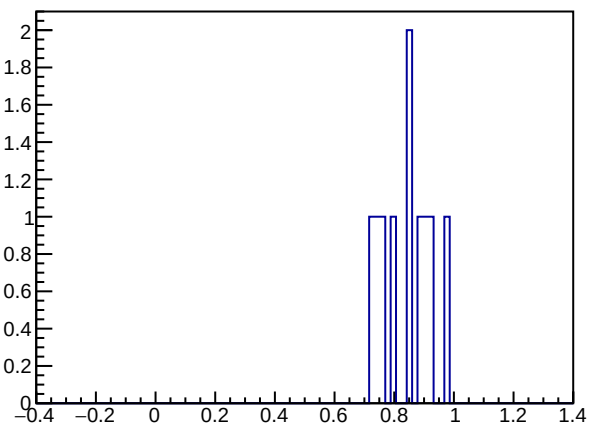

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

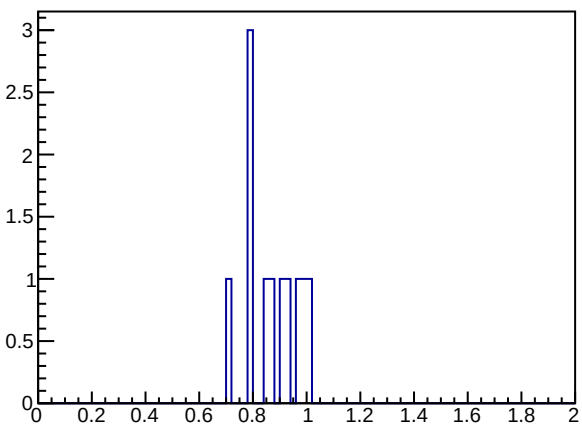

4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

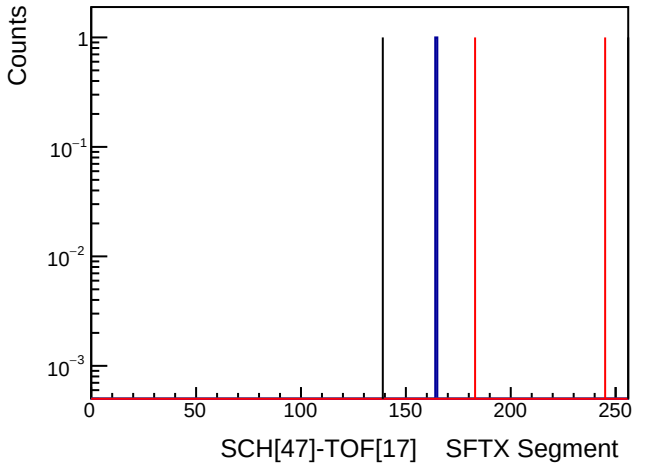

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

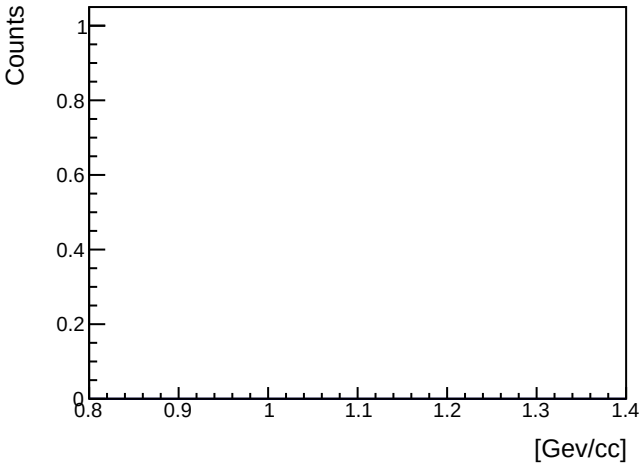

Counts
1
0
50
100
150
200
250
SCH[46]-TOF[20] SFTX Segment

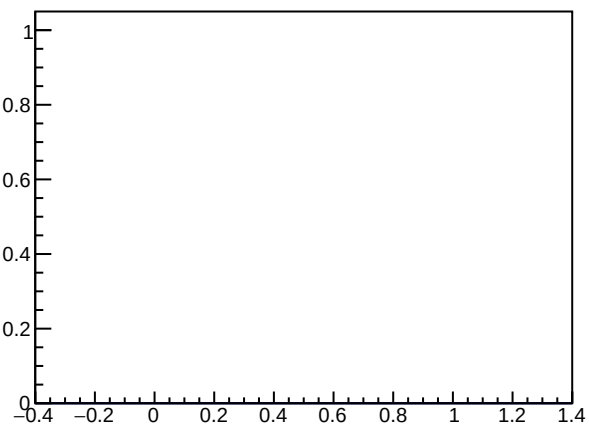

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

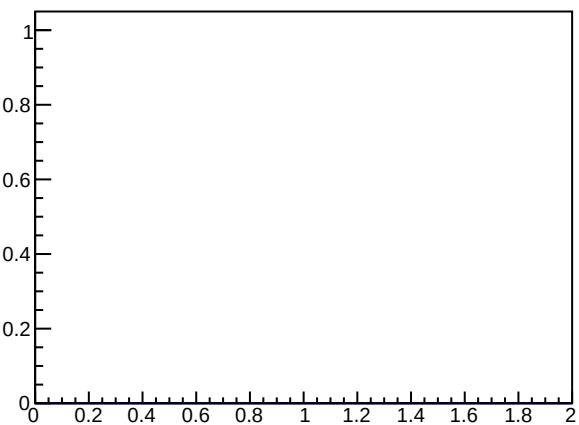

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

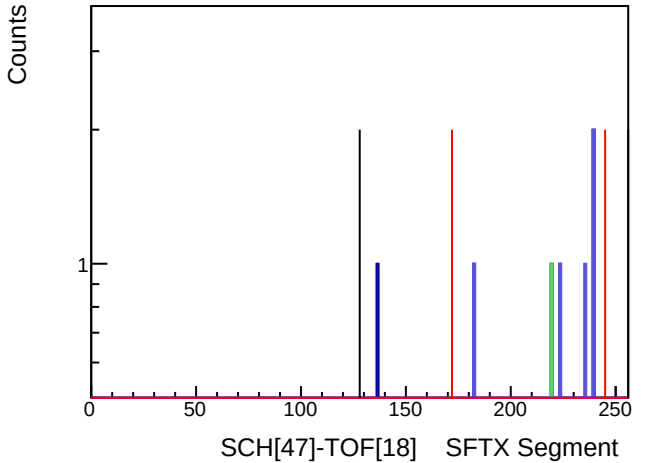

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

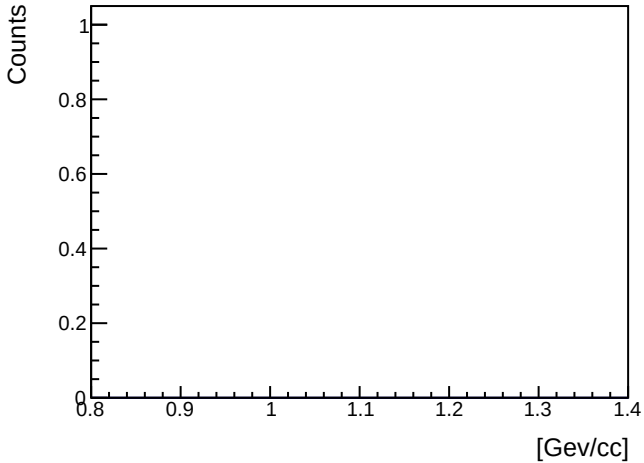

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[47]-TOF[17] SFTX Segment

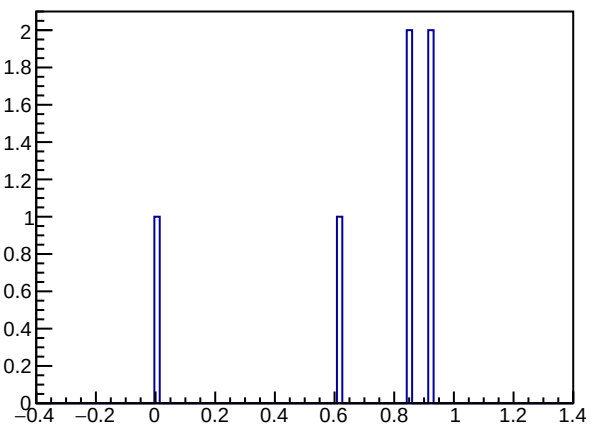

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

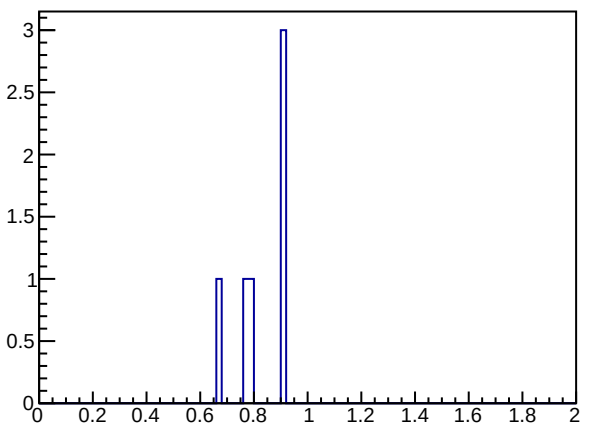

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

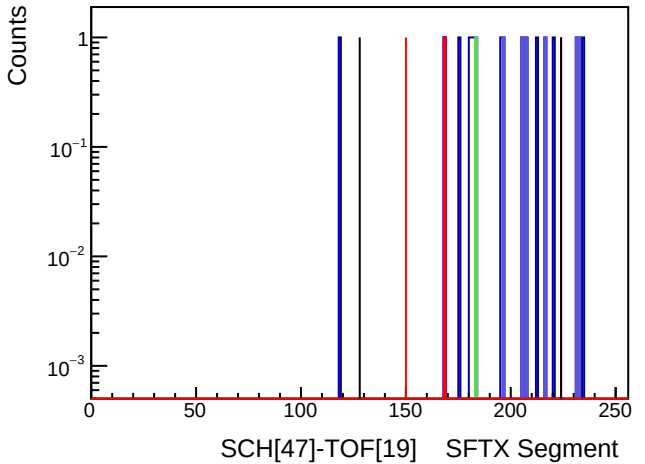

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

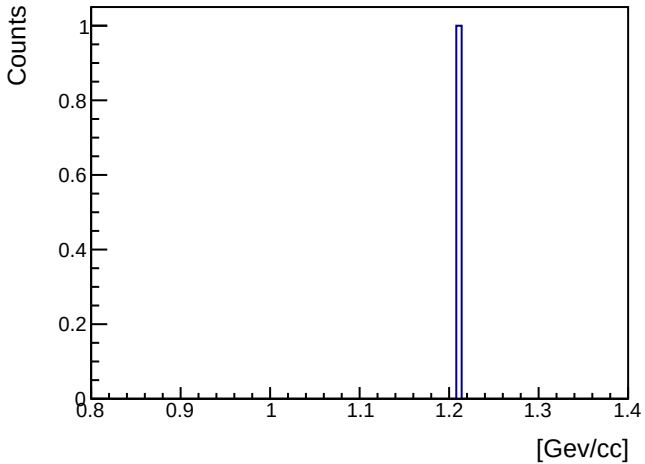

Counts
1
0
50
100
150
200
250
SCH[47]-TOF[18] SFTX Segment

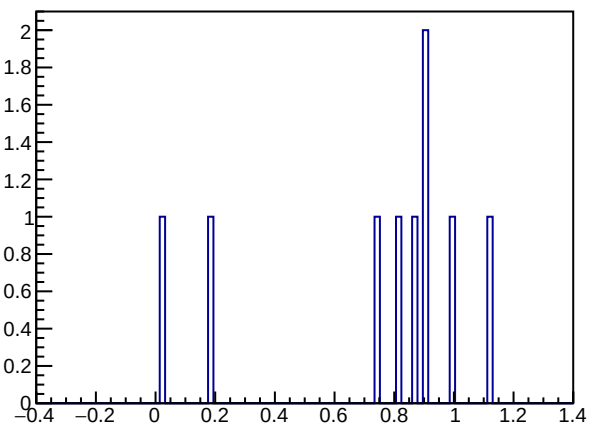

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

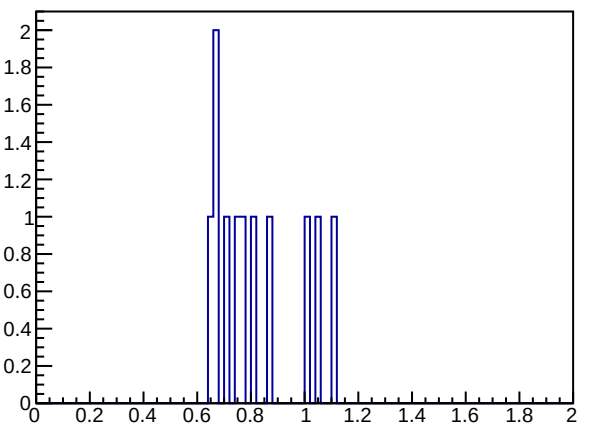

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

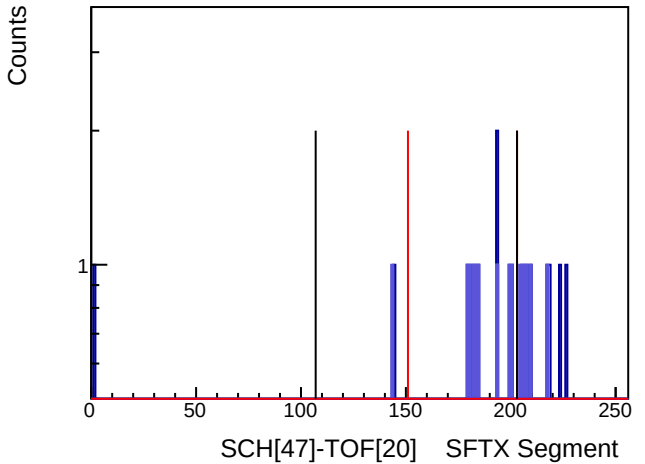

3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

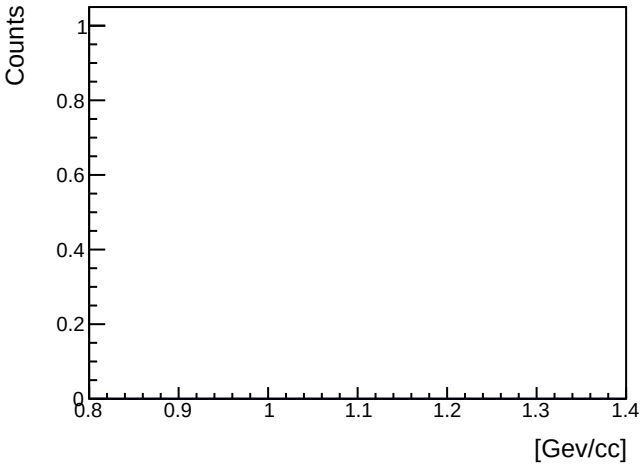

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[47]-TOF[19] SFTX Segment

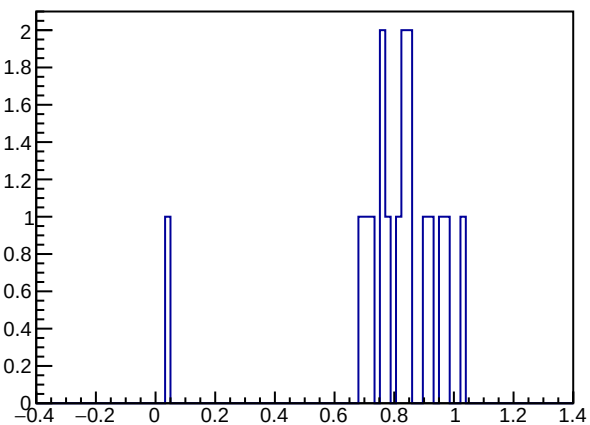

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

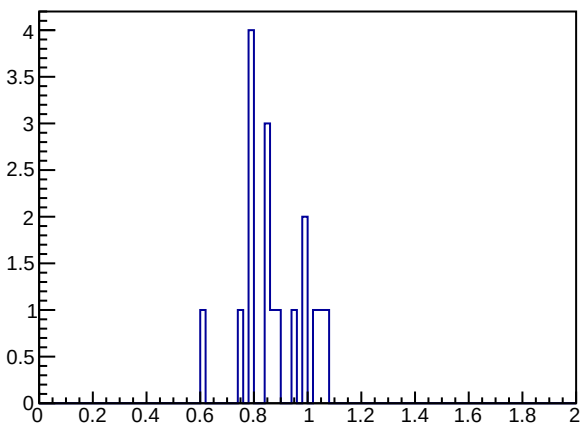

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

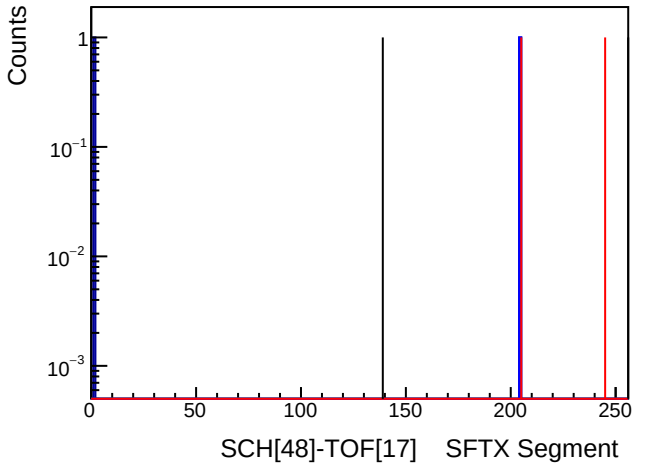

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

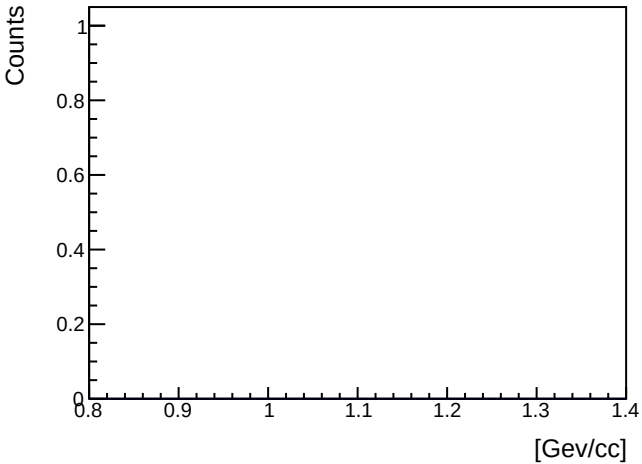

Counts
1
0
50
100
150
200
250
SCH[47]-TOF[20] SFTX Segment

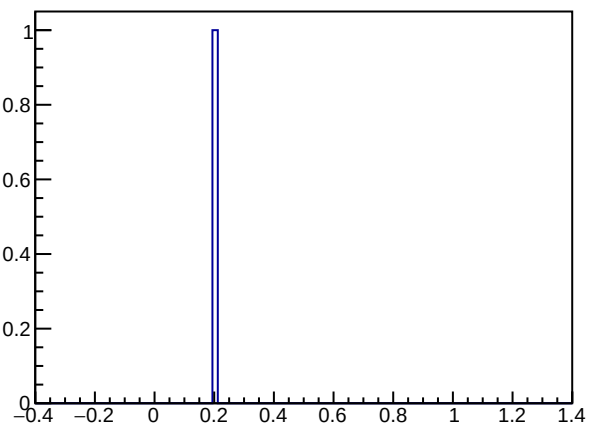

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

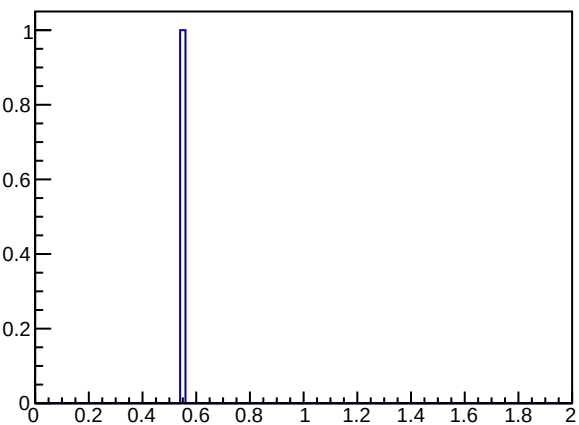

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

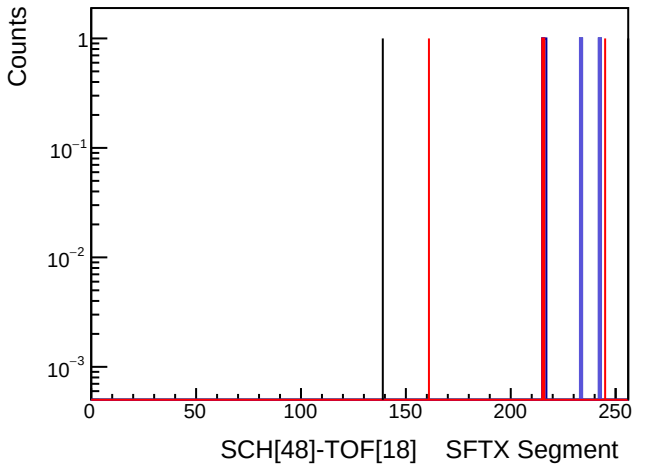

4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

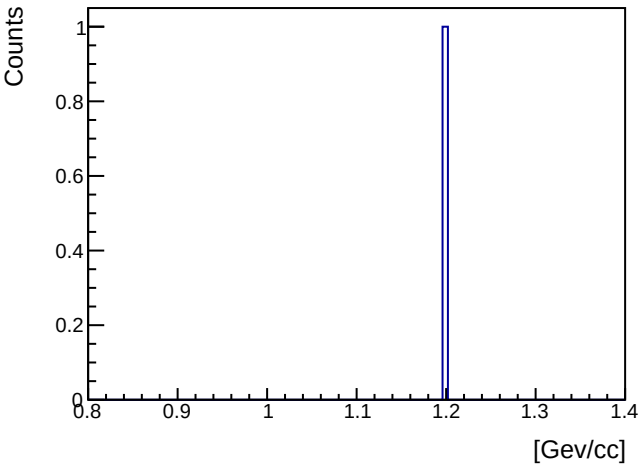

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[48]-TOF[17] SFTX Segment

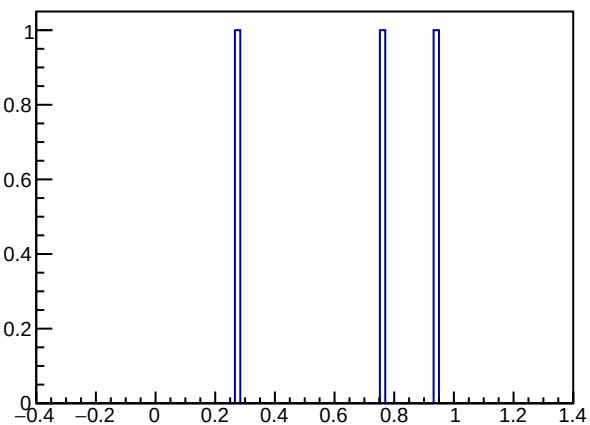

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

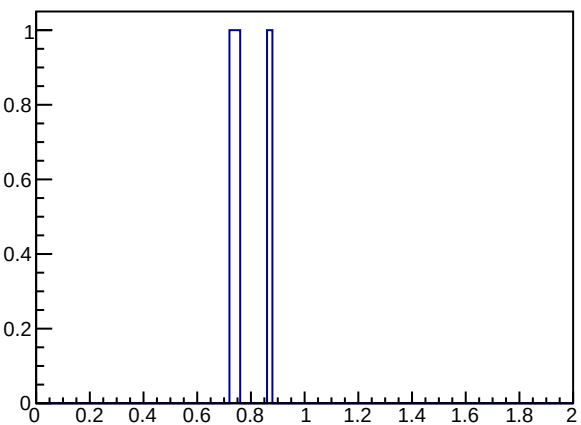

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

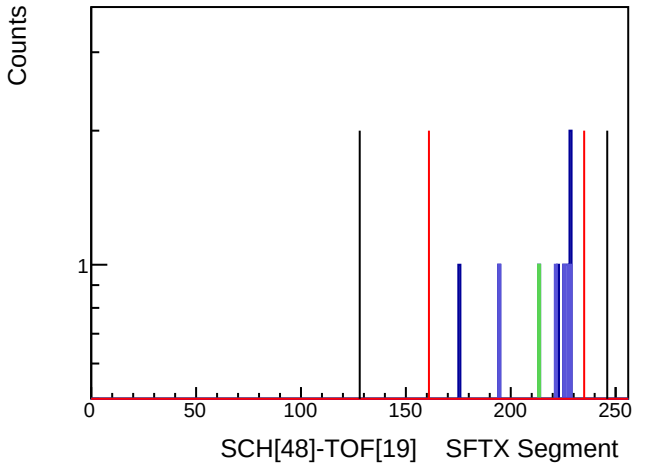

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

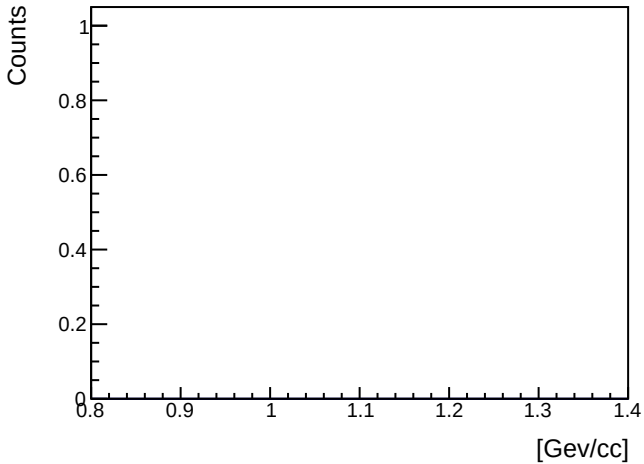

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[48]-TOF[18]
SFTX Segment

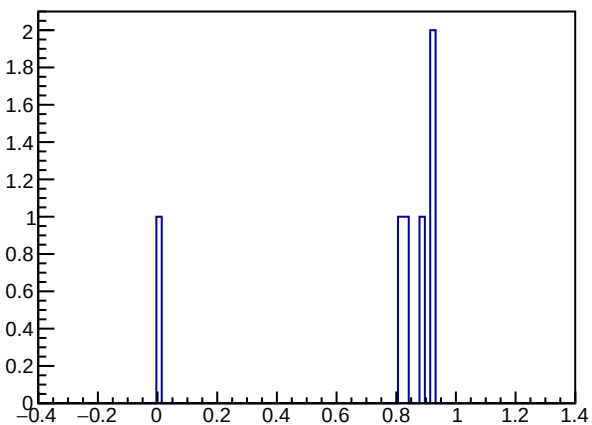

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

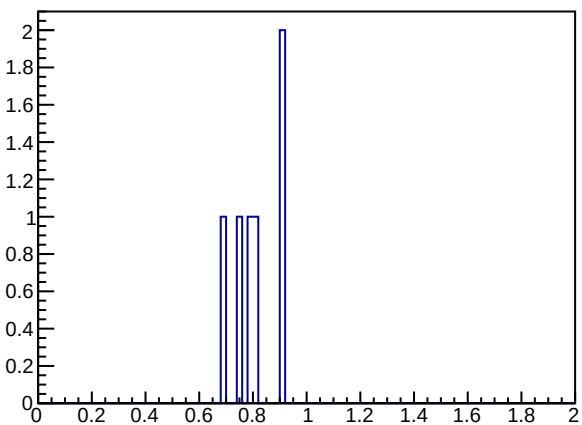

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

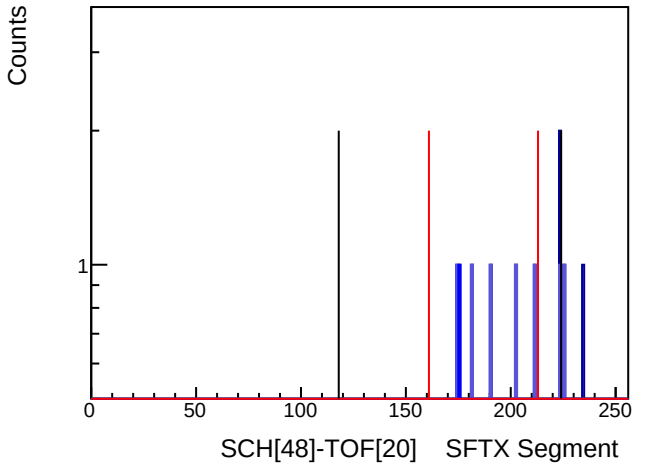

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

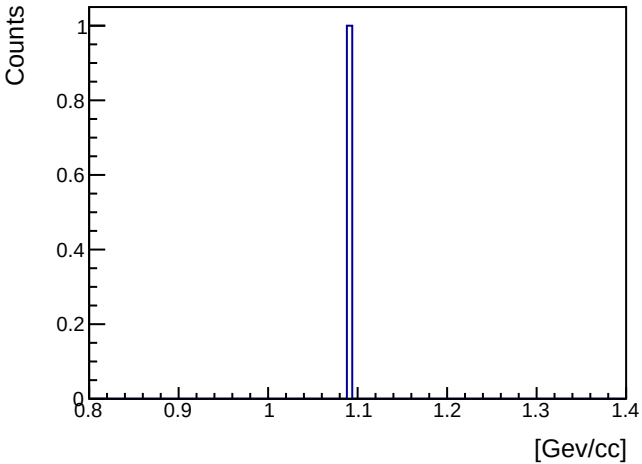

Counts
1
0
50
100
150
200
250
SCH[48]-TOF[19] SFTX Segment

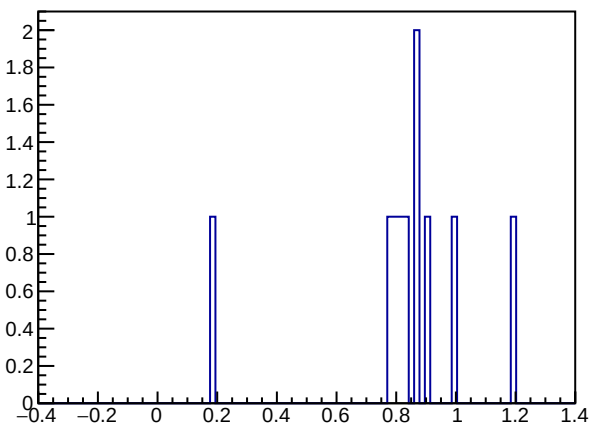

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

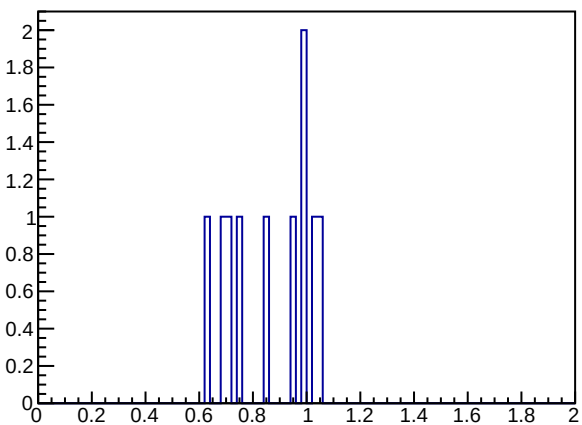

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

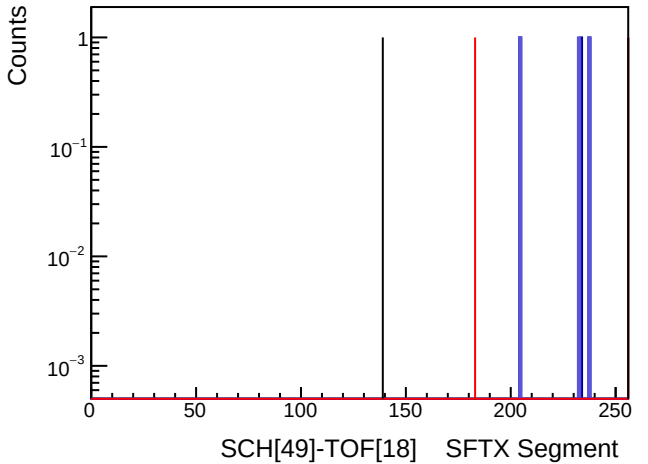

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

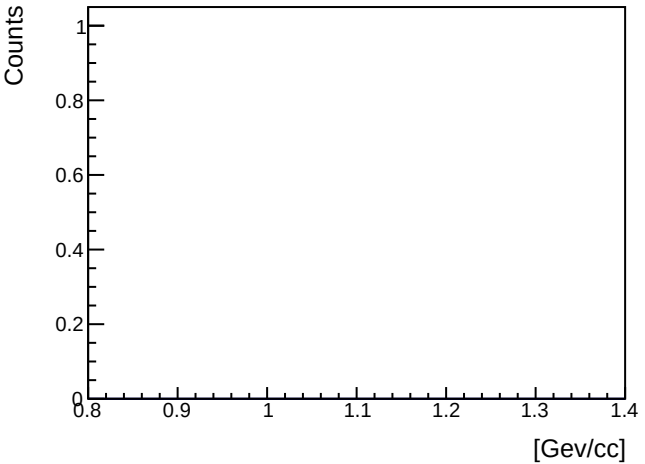

Counts
1
0
50
100
150
200
250
SCH[48]-TOF[20] SFTX Segment

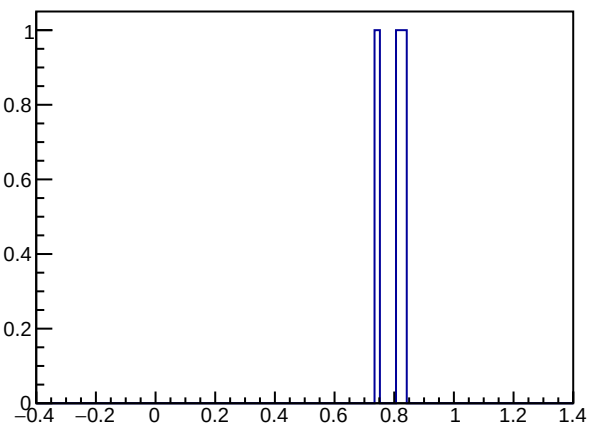

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

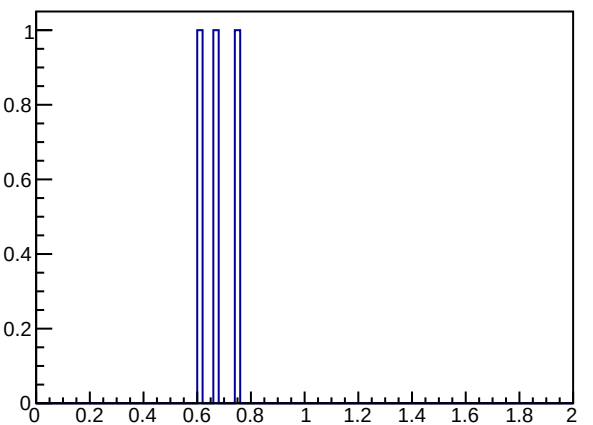

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

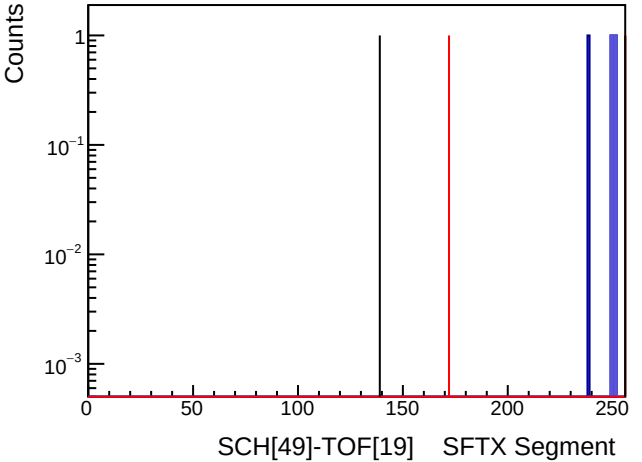

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

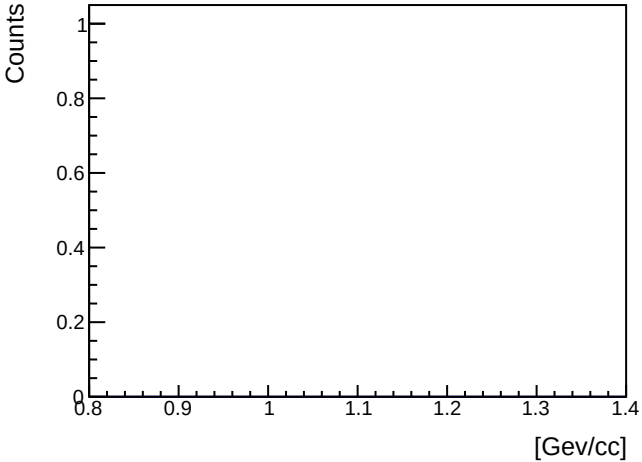

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[49]-TOF[18] SFTX Segment

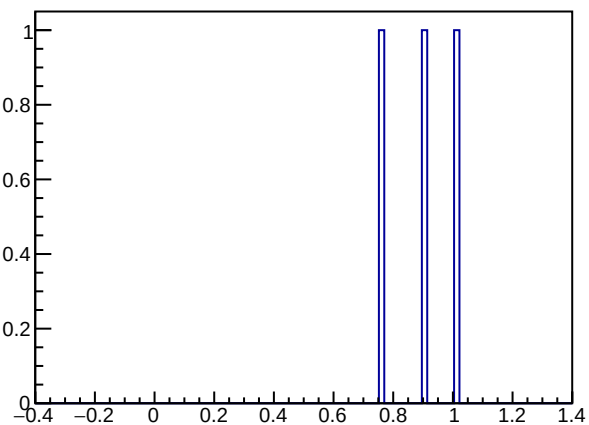

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

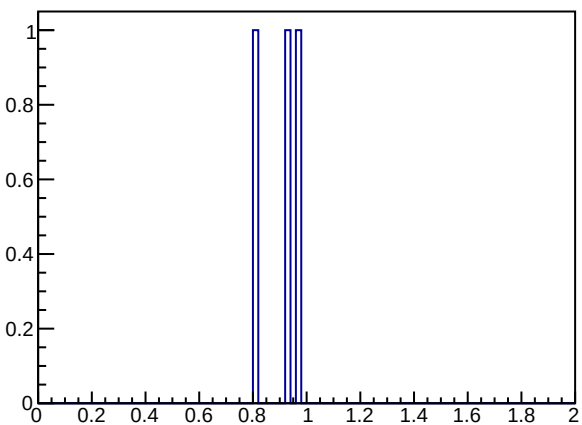

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

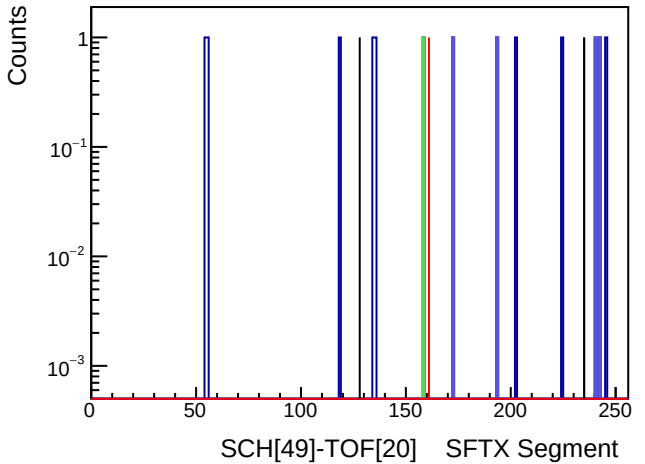

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

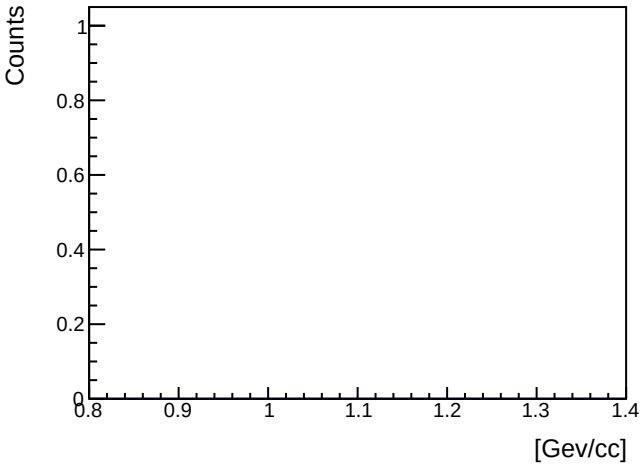

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[49]-TOF[19] SFTX Segment

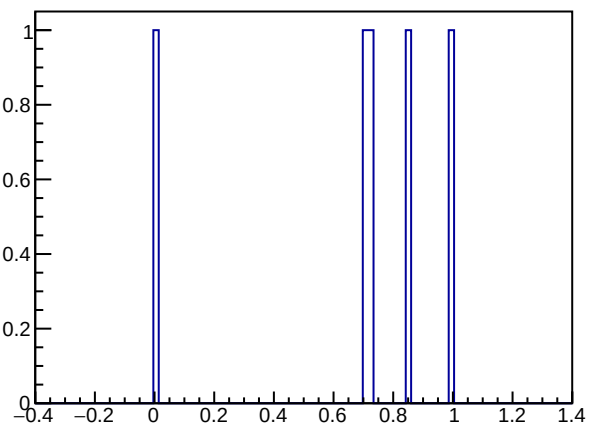

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

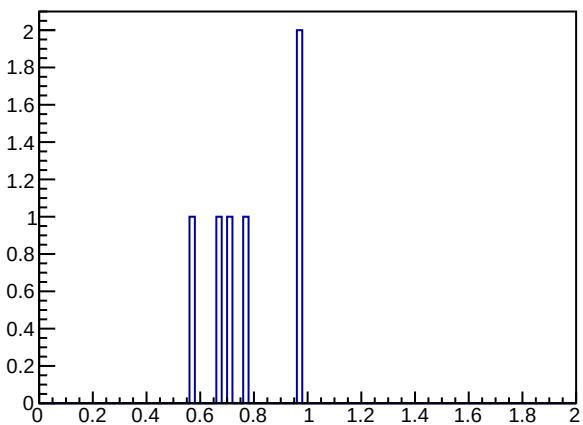

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

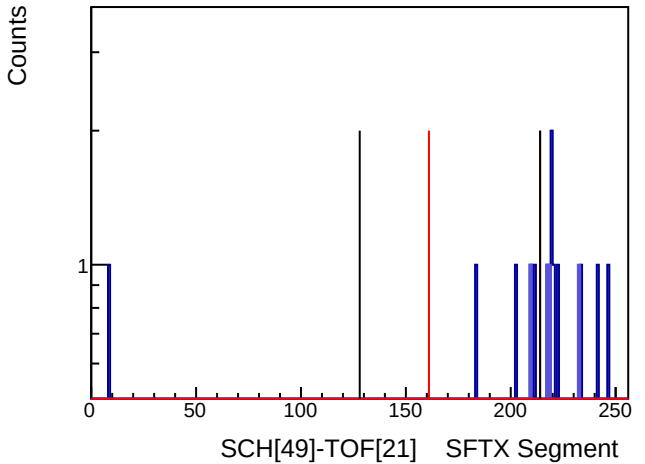

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

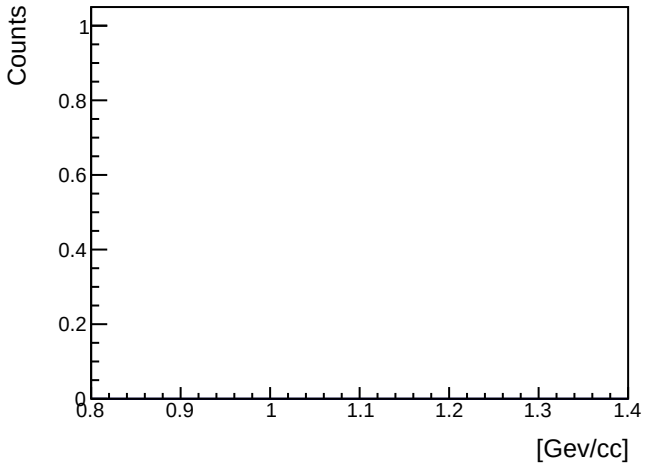

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[49]-TOF[20] SFTX Segment

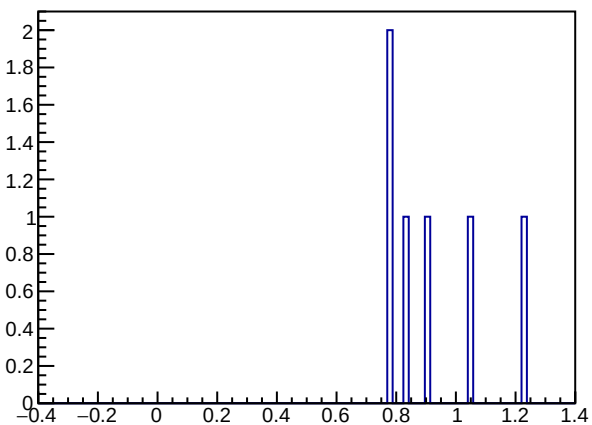

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

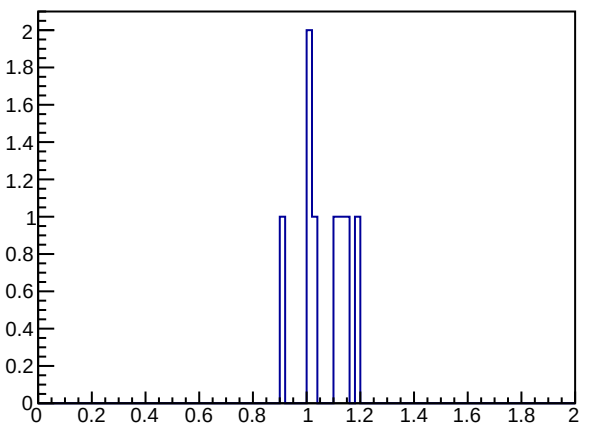

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

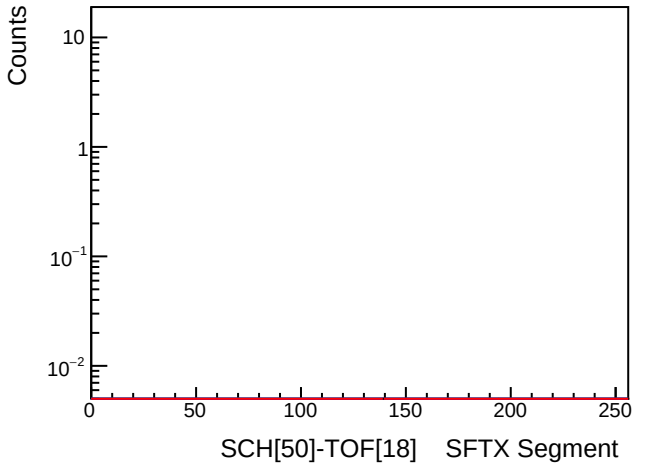

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

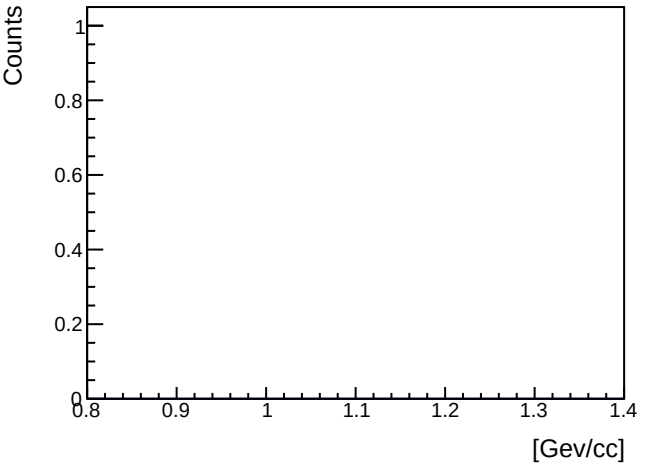

Counts
1
0
50
100
150
200
250
SCH[49]-TOF[21] SFTX Segment

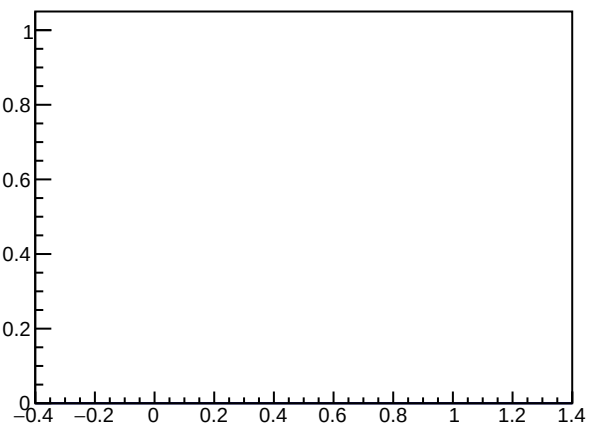

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

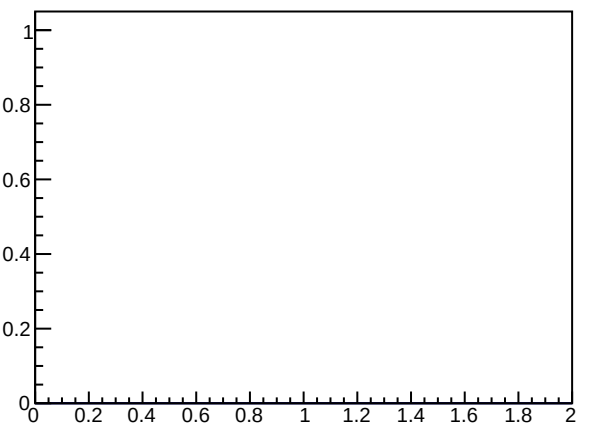

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

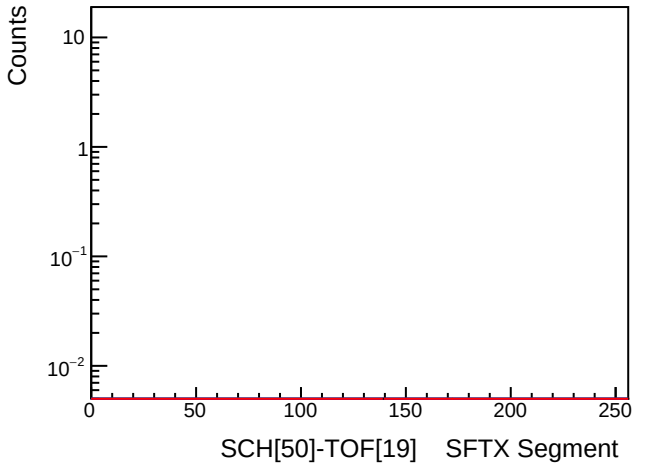

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

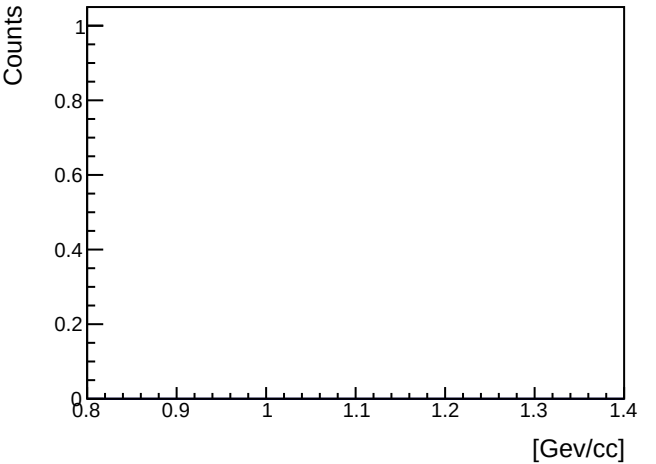

Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[50]-TOF[18] SFTX Segment

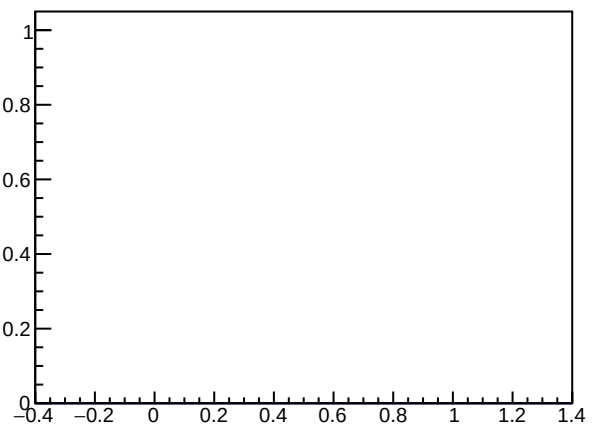

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

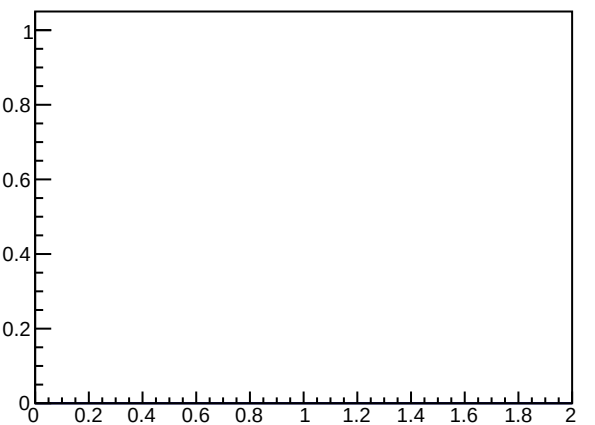

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

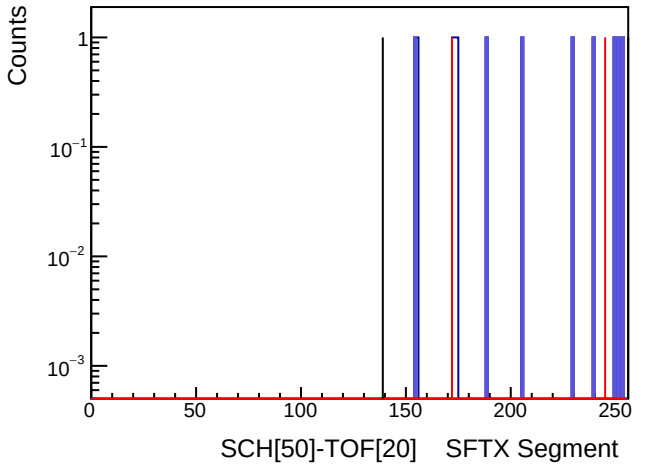

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

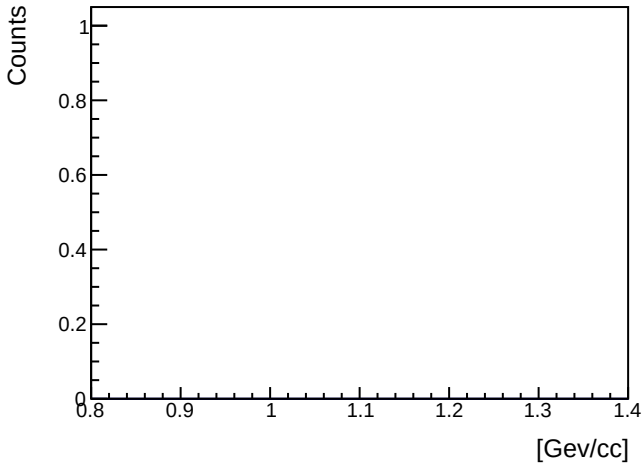

Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[50]-TOF[19] SFTX Segment

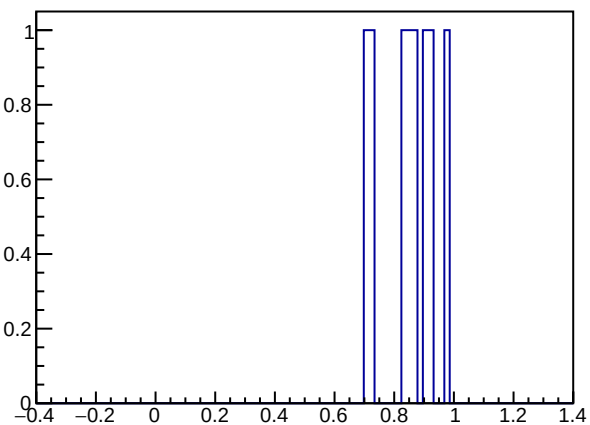

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

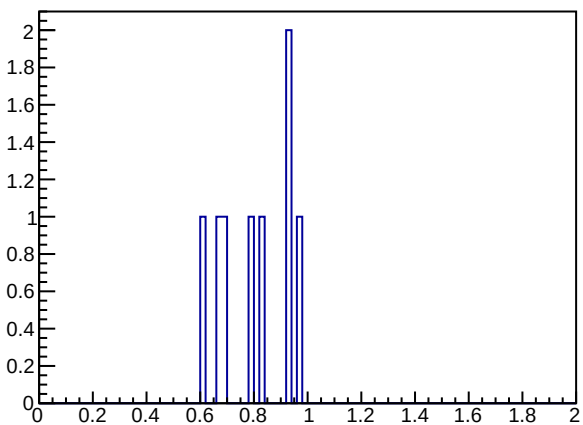

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

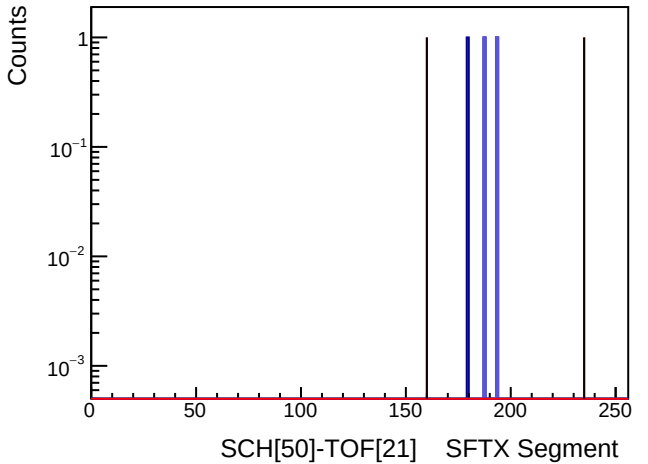

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

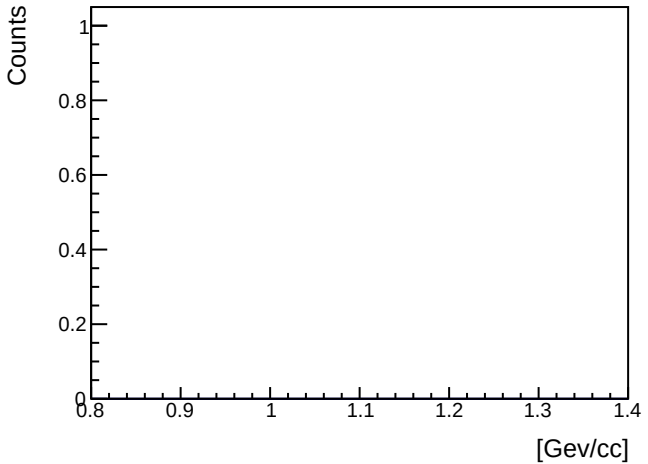

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[50]-TOF[20] SFTX Segment

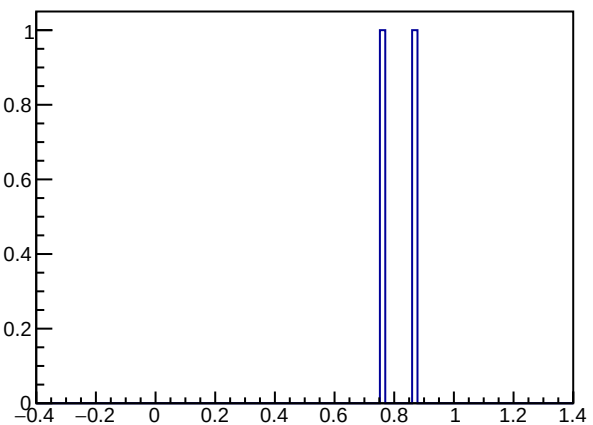

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

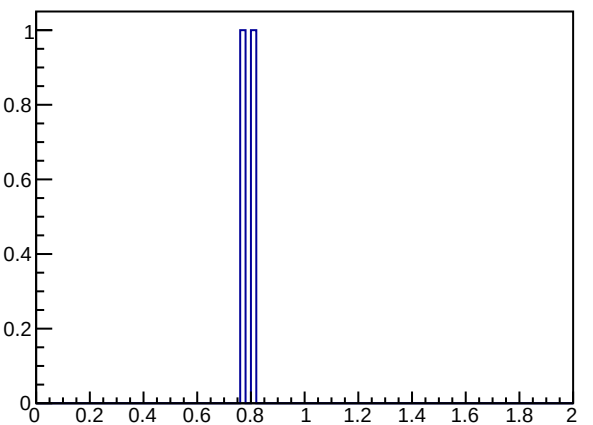

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

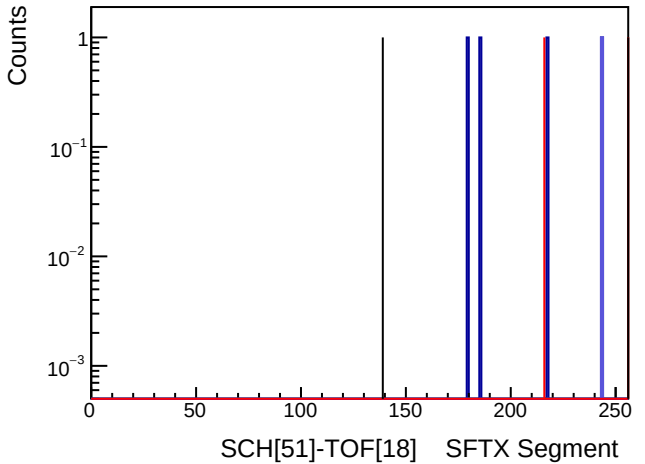

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

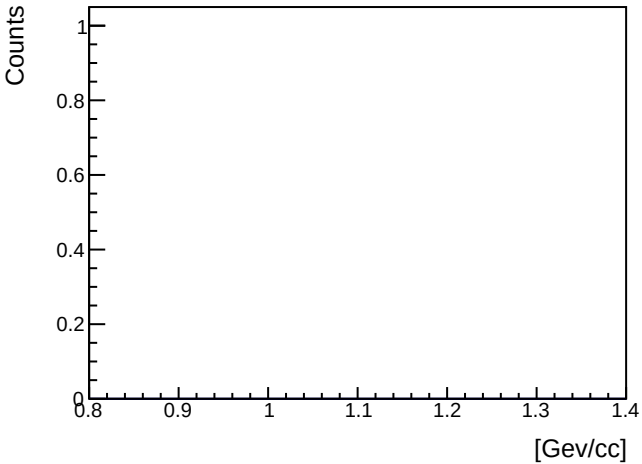

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[50]-TOF[21] SFTX Segment

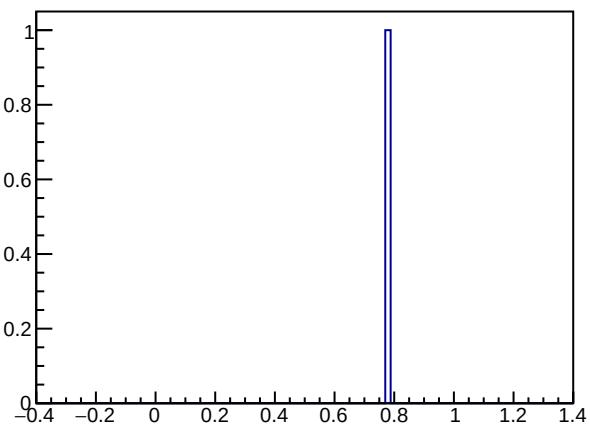

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

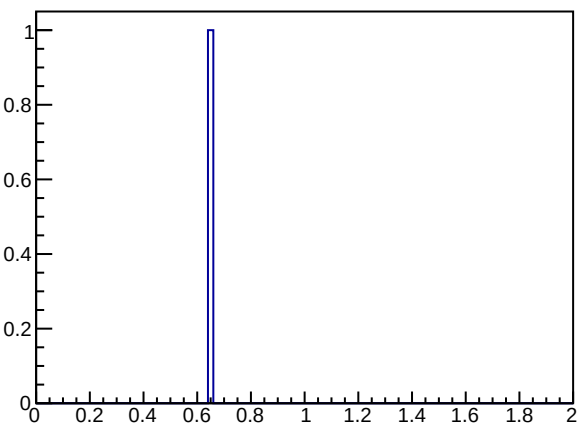

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

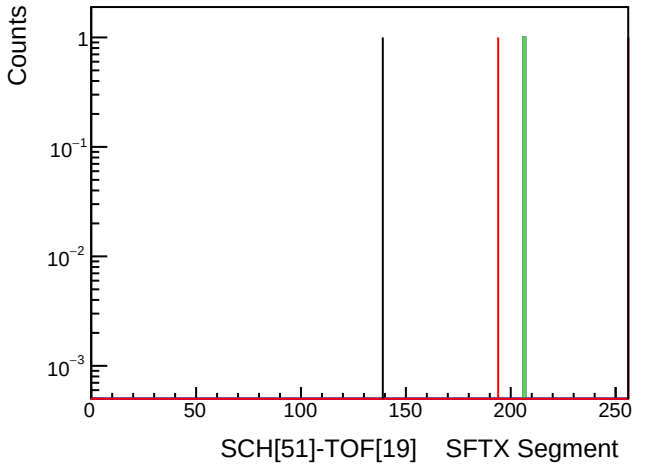

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

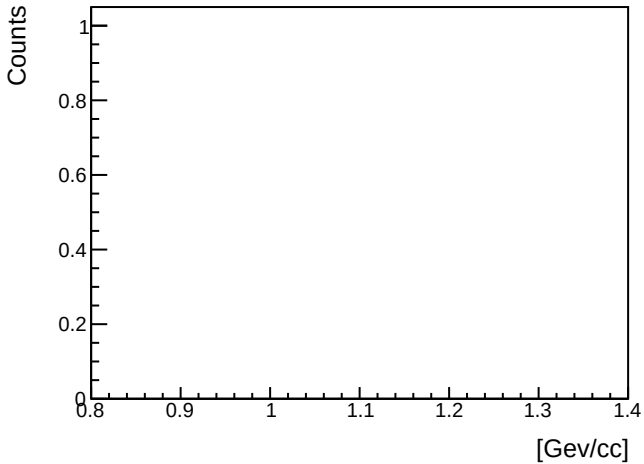

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[51]-TOF[18] SFTX Segment

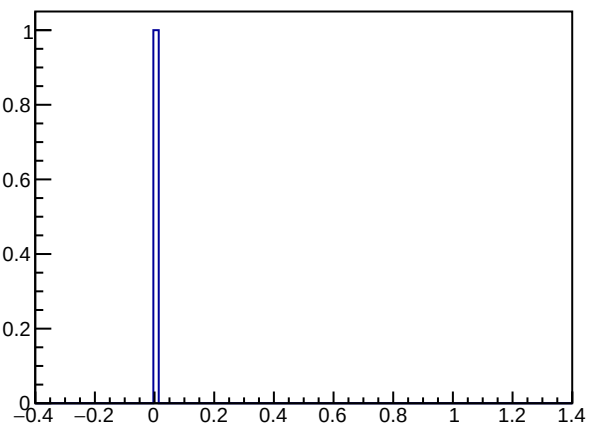

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

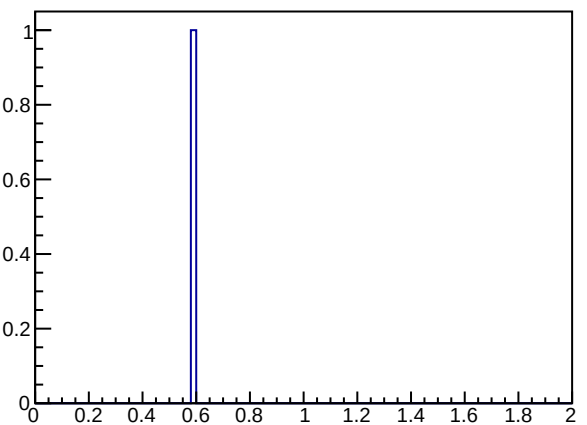

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

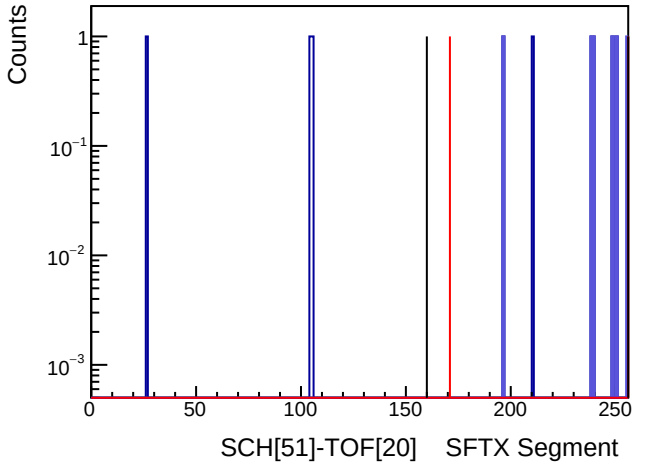

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

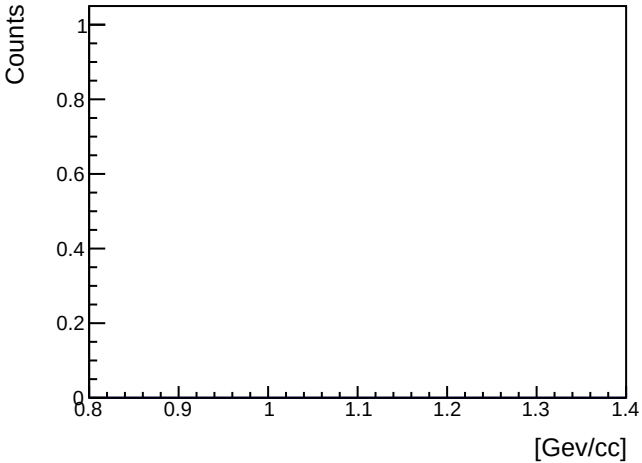

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[51]-TOF[19] SFTX Segment

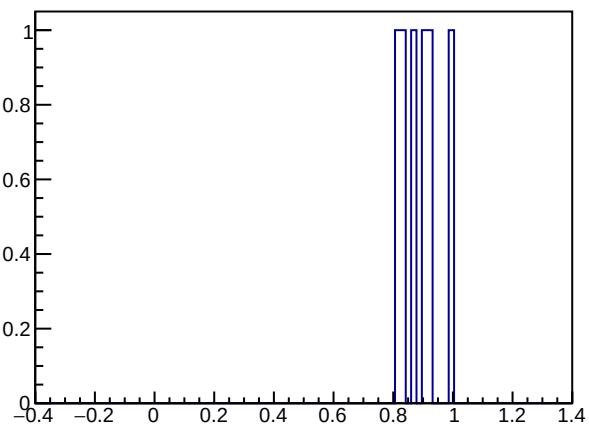

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

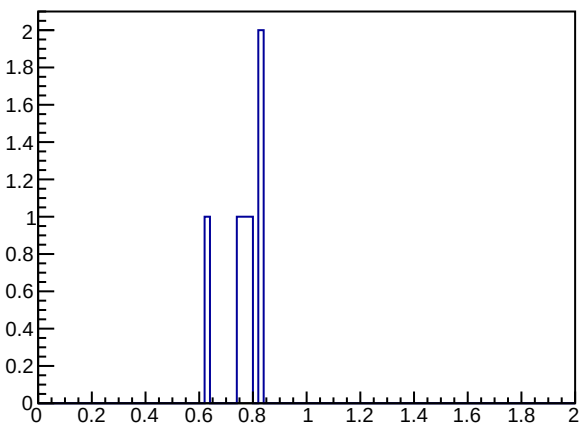

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

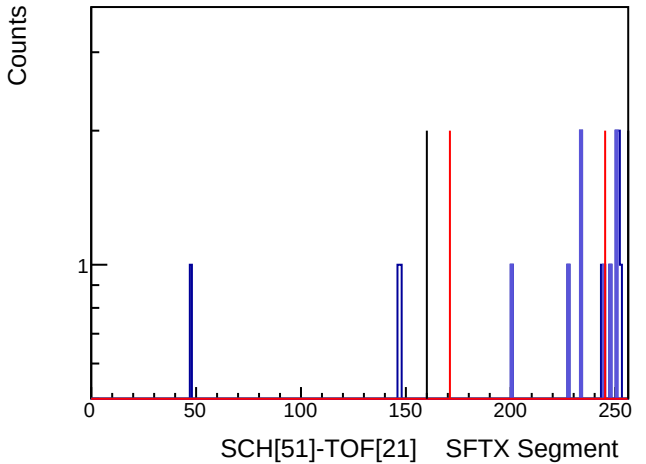

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

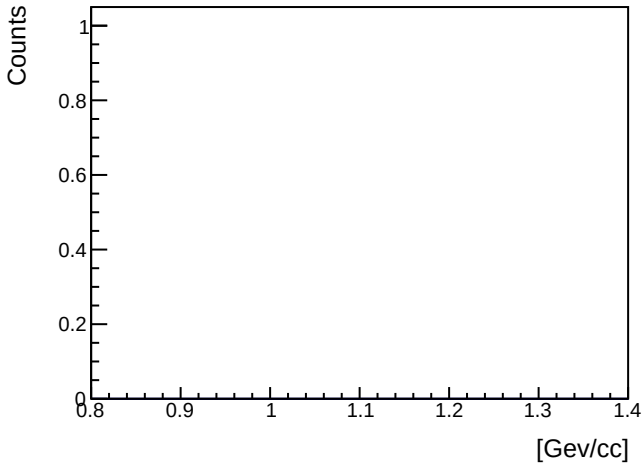

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[51]-TOF[20] SFTX Segment

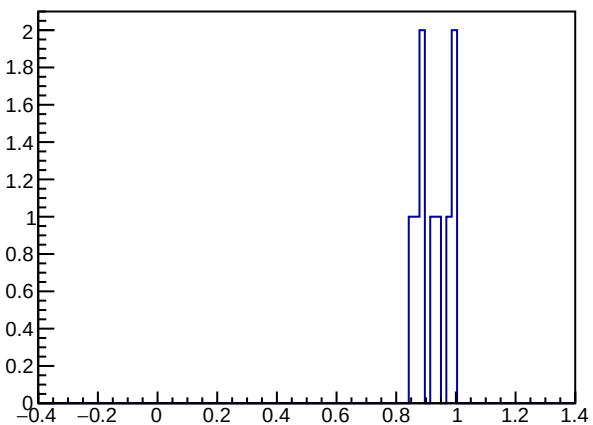

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

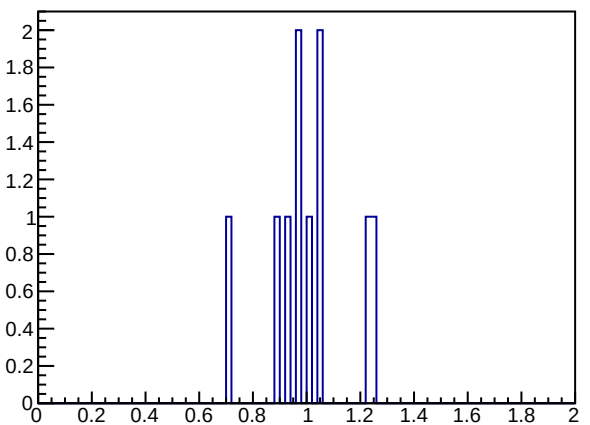

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

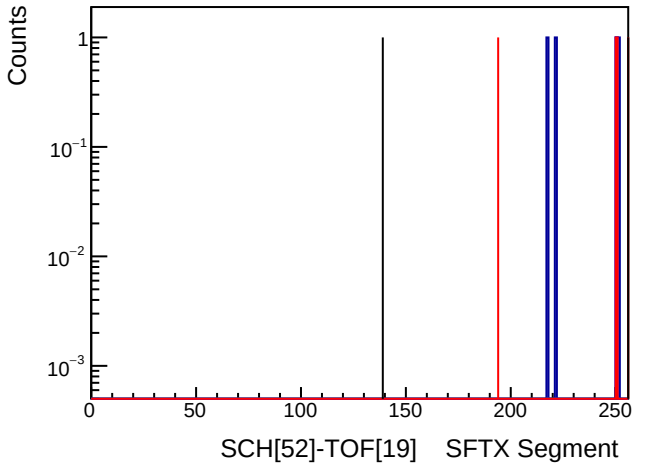

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

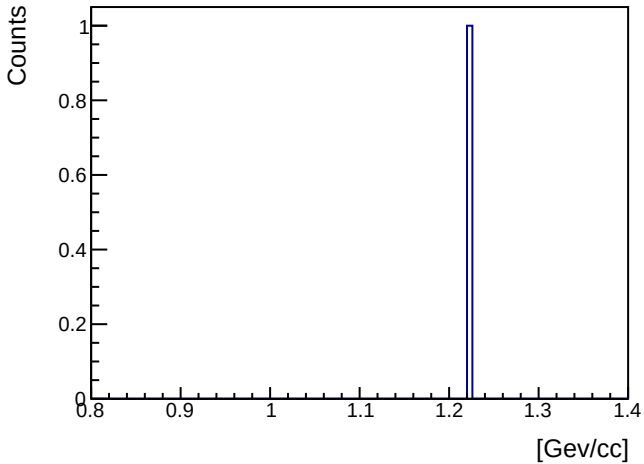

Counts
1
0
50
100
150
200
250
SCH[51]-TOF[21] SFTX Segment

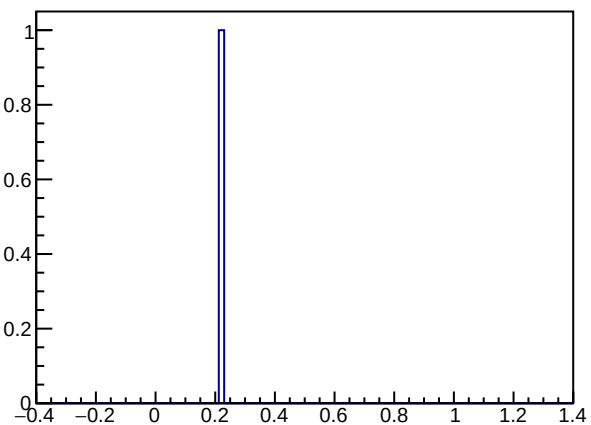

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

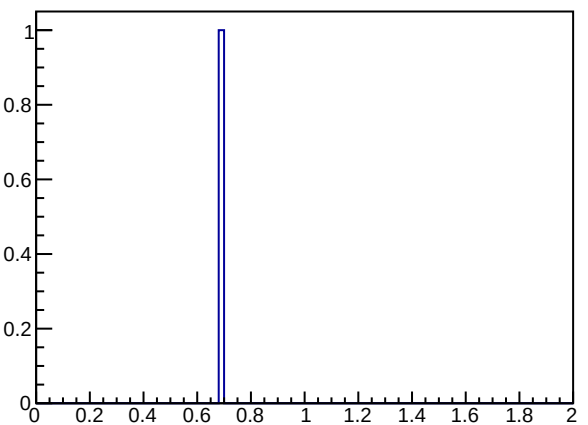

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

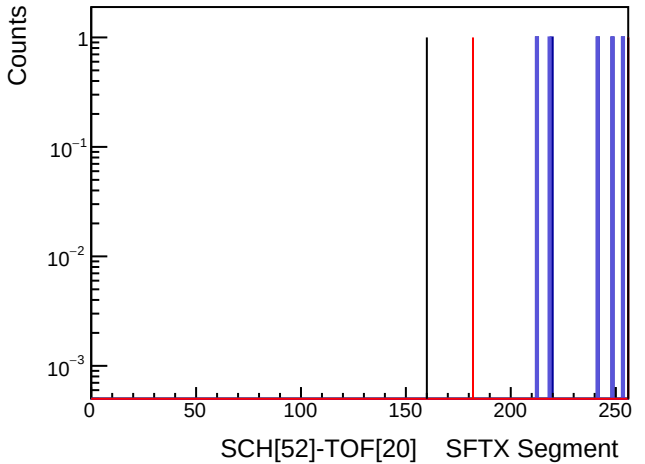

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

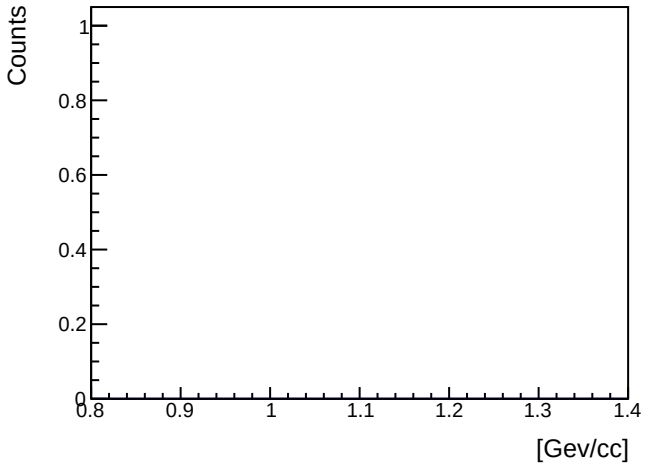

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[52]-TOF[19] SFTX Segment

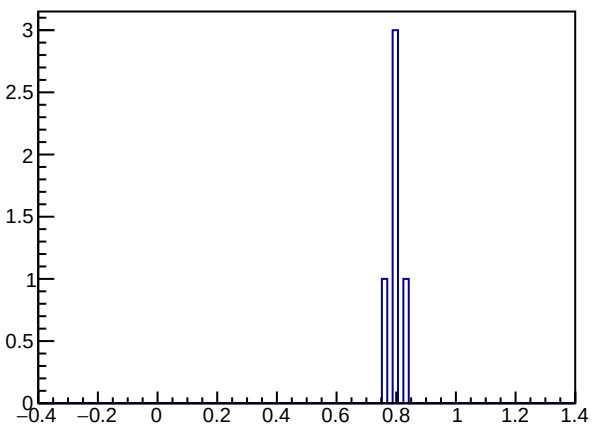

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

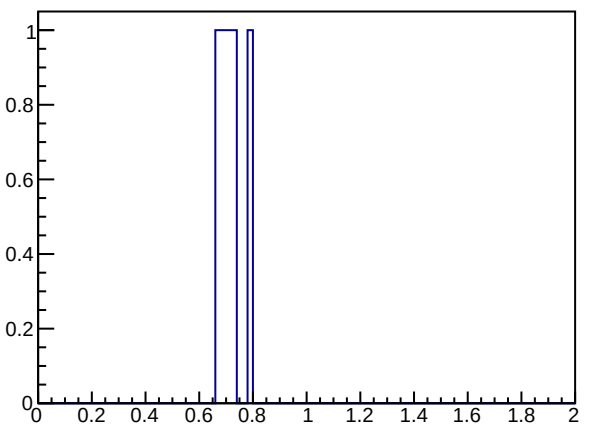

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

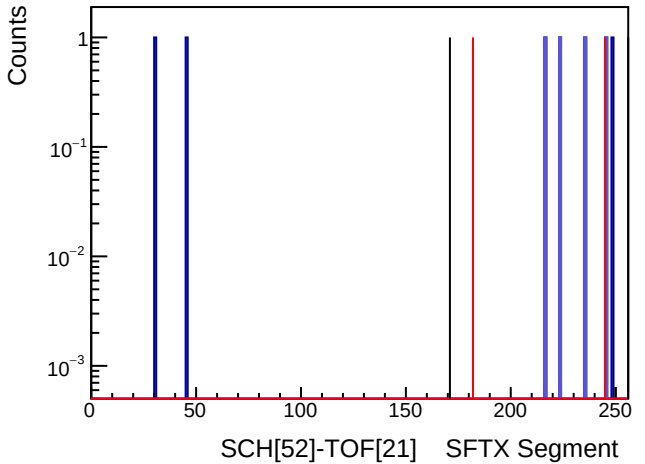

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

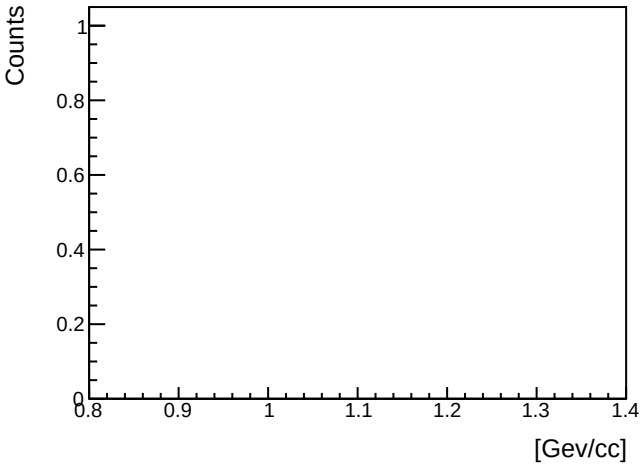

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[52]-TOF[20] SFTX Segment

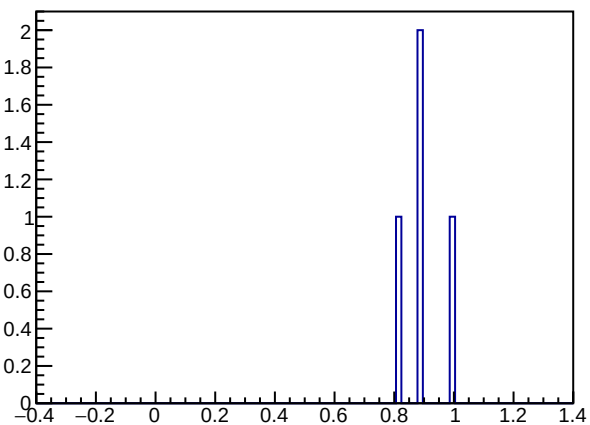

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

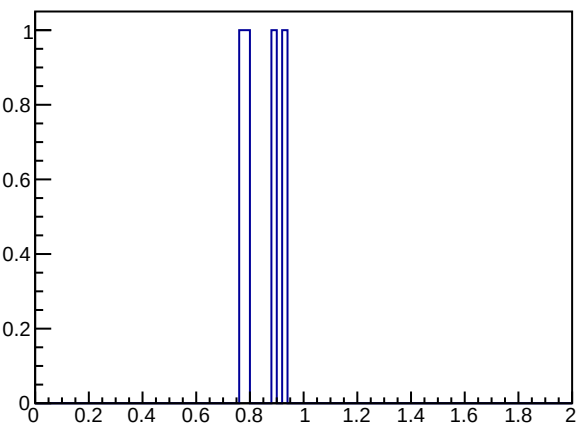

3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

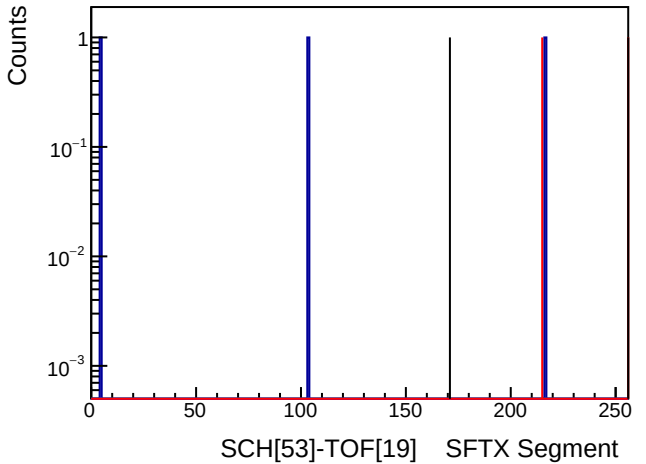

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

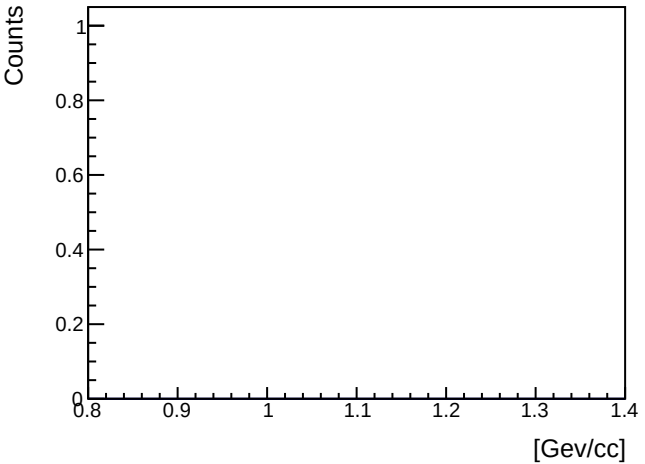

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[52]-TOF[21] SFTX Segment

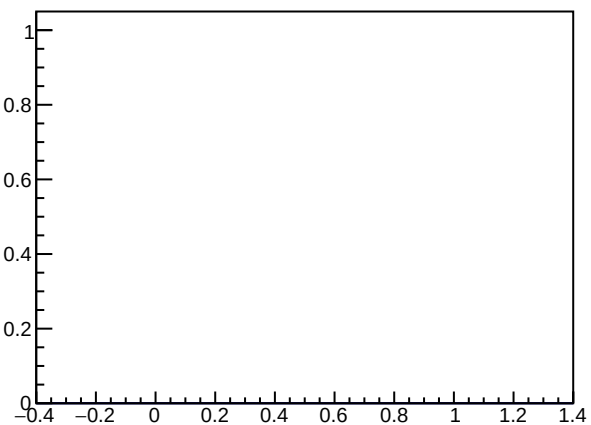

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

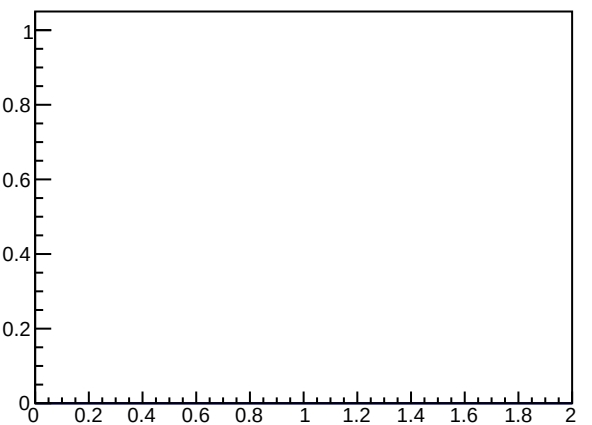

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

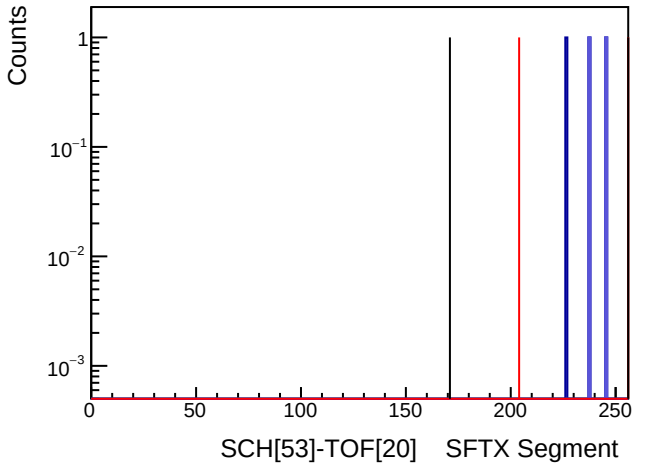

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

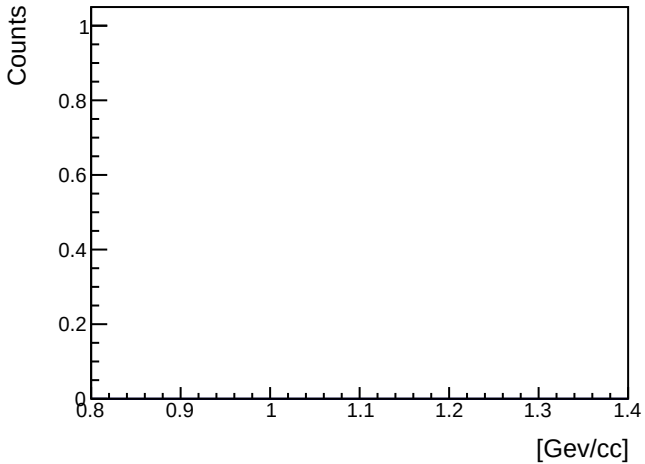

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[53]-TOF[19] SFTX Segment

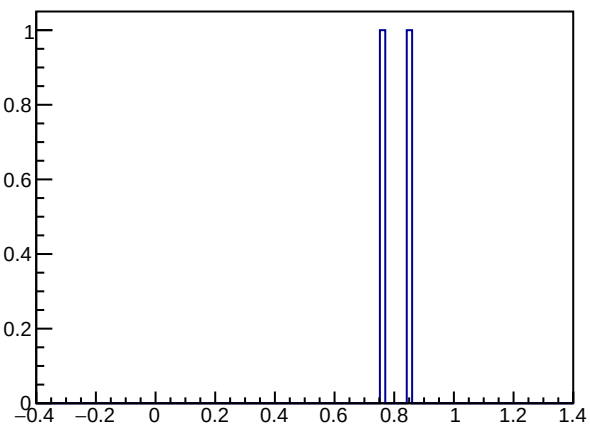

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

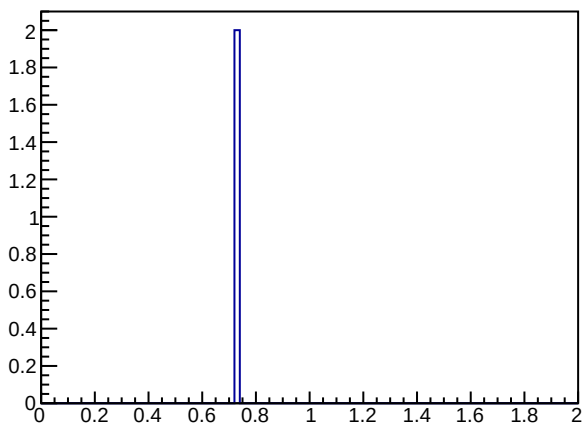

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

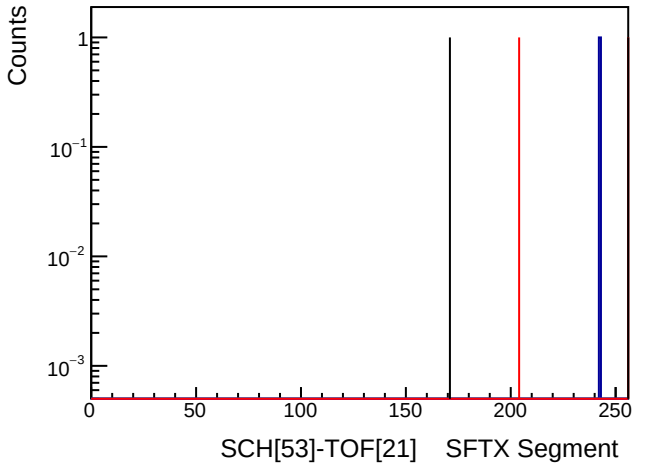

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

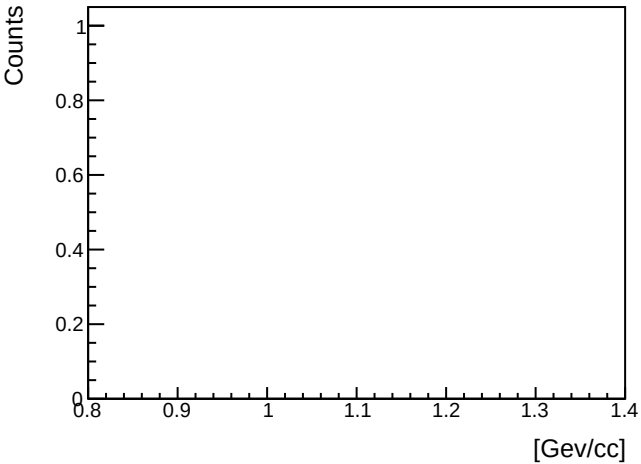

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[53]-TOF[20] SFTX Segment

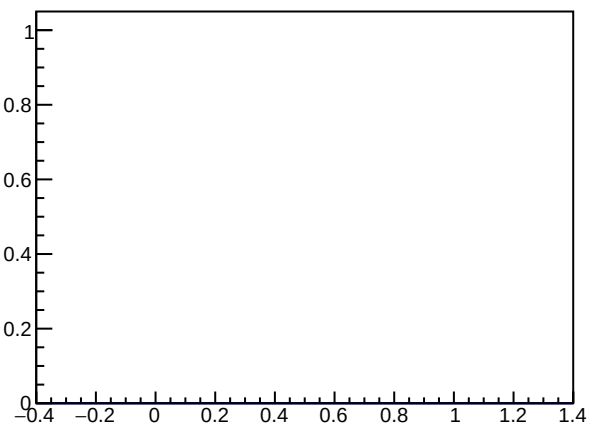

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

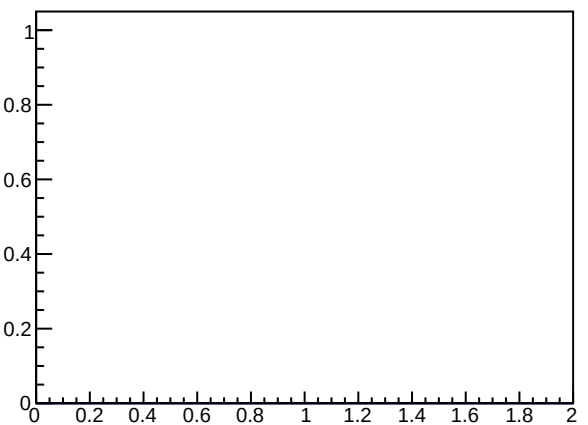

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

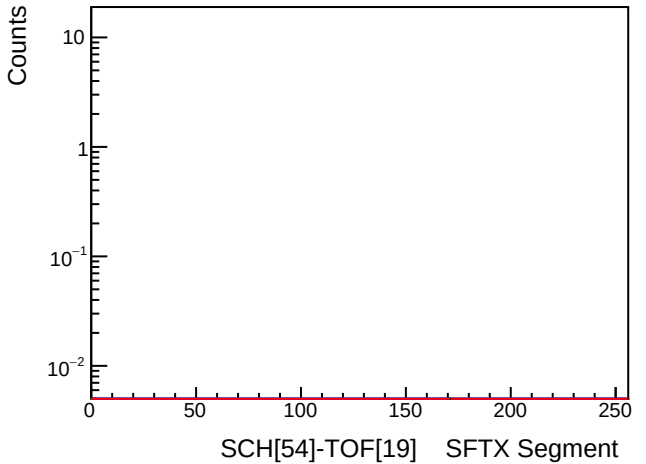

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

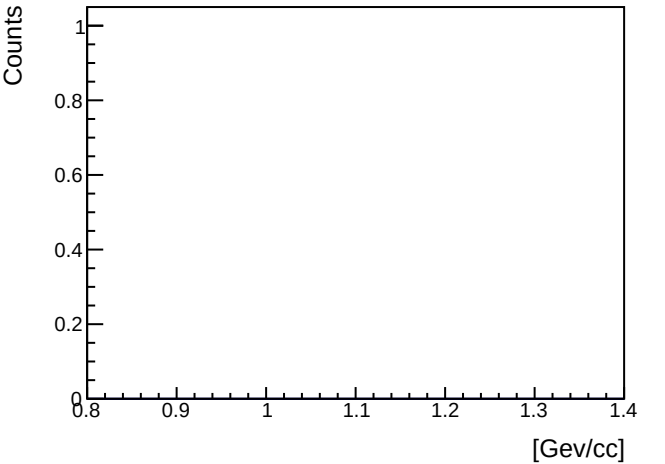

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[53]-TOF[21] SFTX Segment

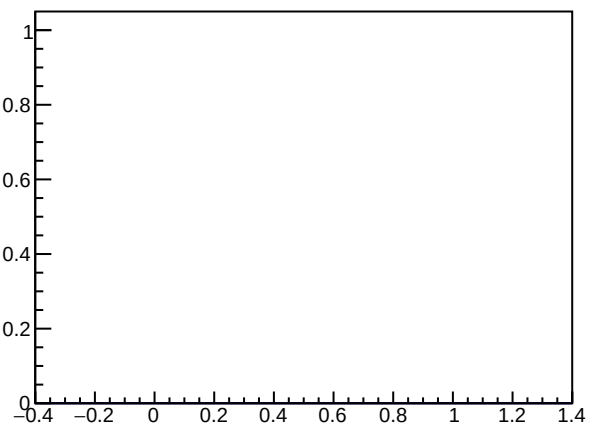

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

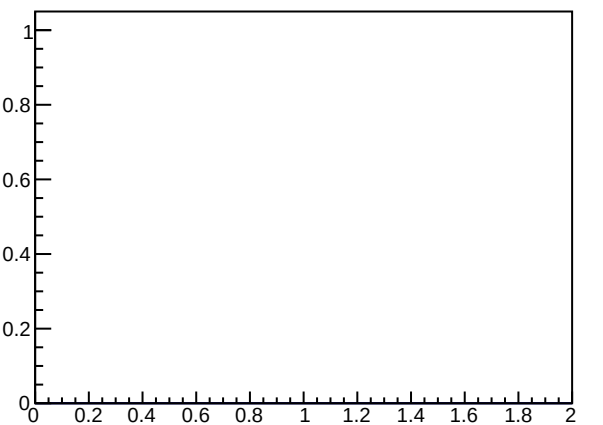

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

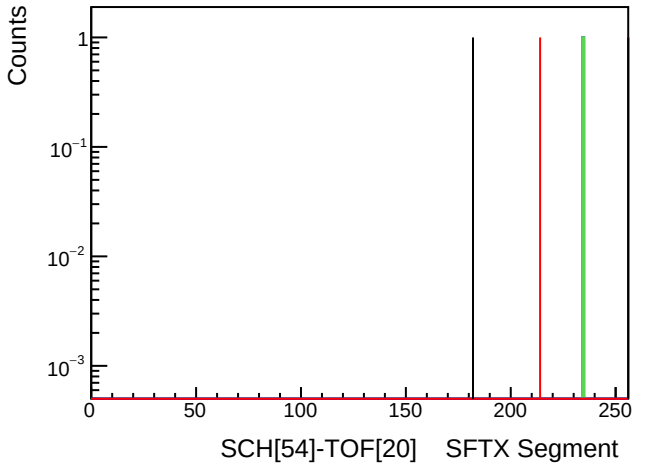

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

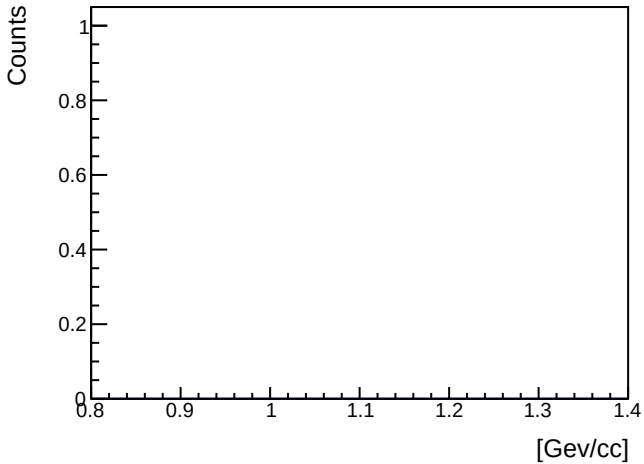

Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[54]-TOF[19] SFTX Segment

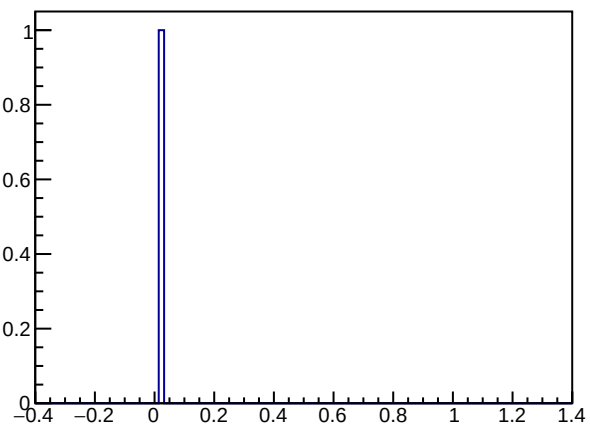

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

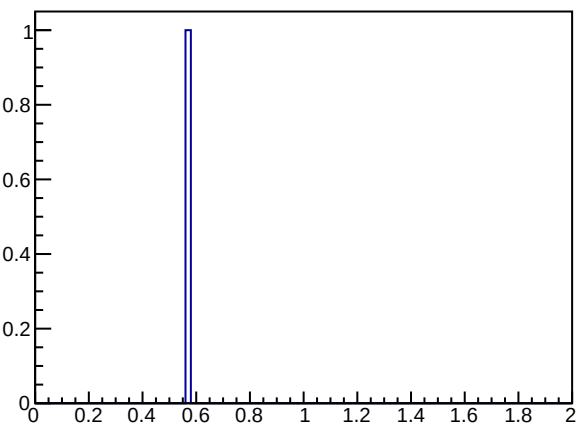

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

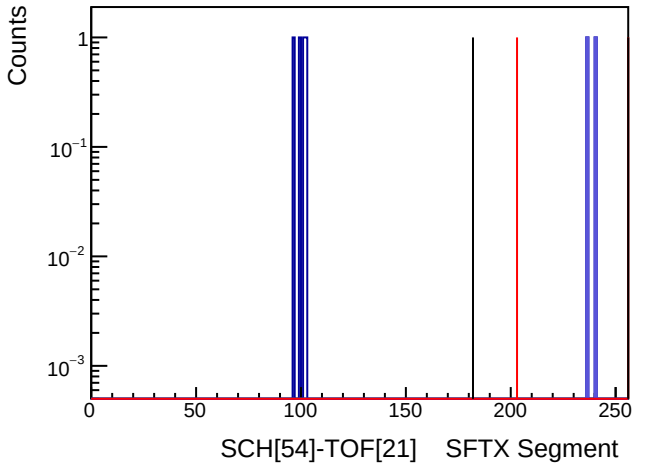

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

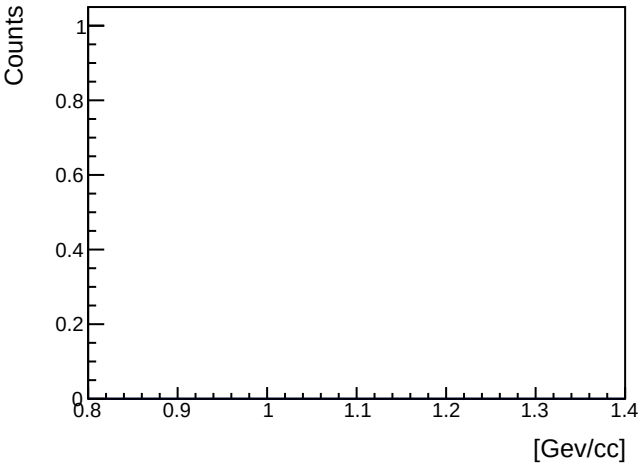

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[54]-TOF[20] SFTX Segment

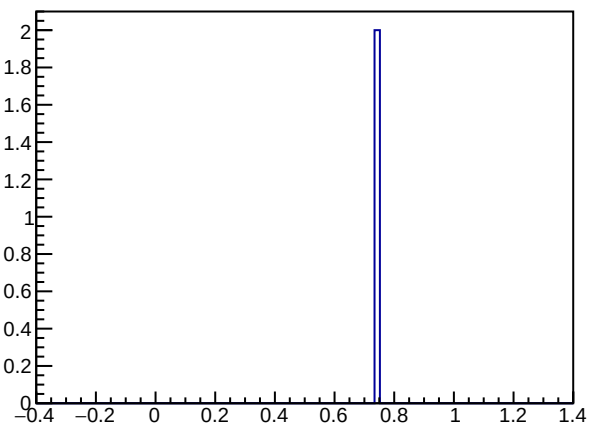

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

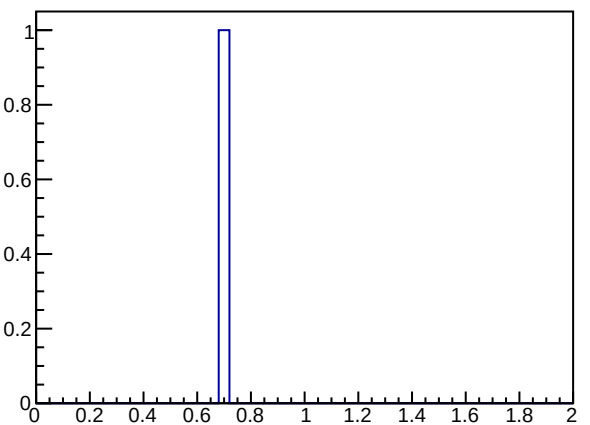

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

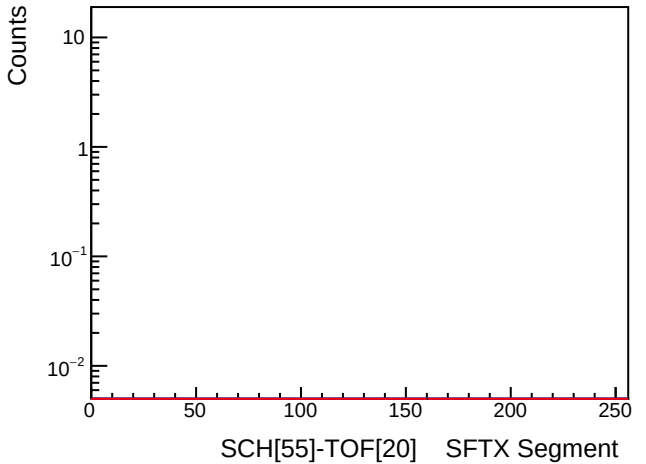

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

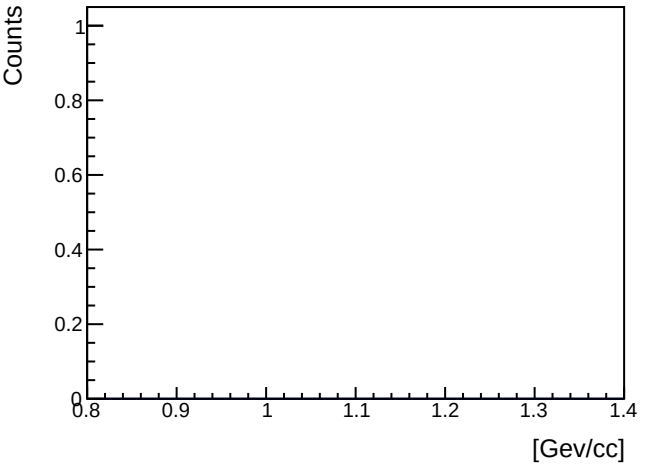

Counts
1
10^{-1}
10^{-2}
10^{-3}
0
50
100
150
200
250
SCH[54]-TOF[21]
SFTX Segment

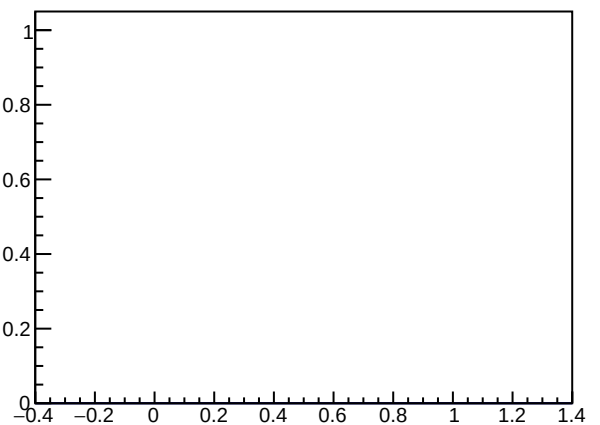

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

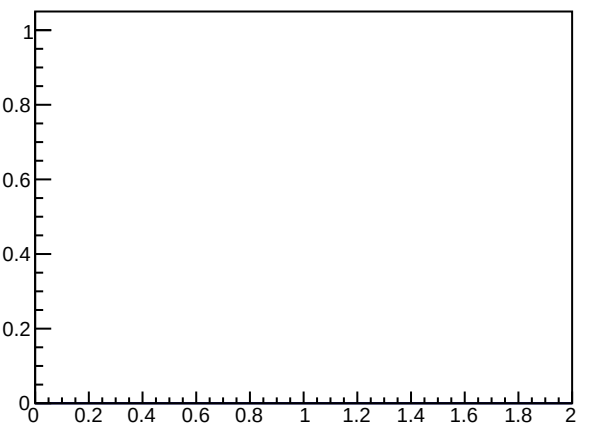

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

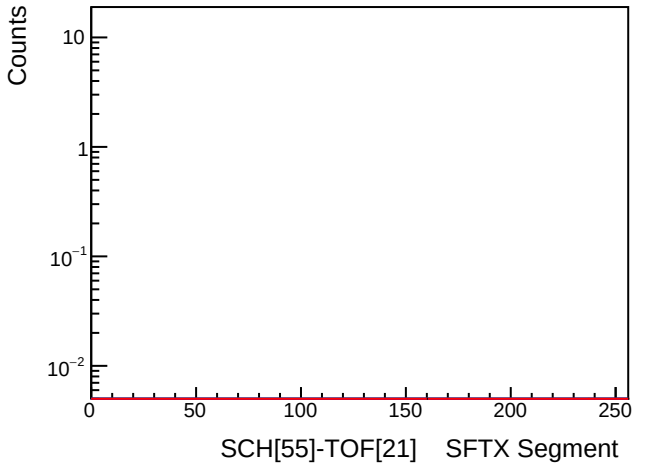

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

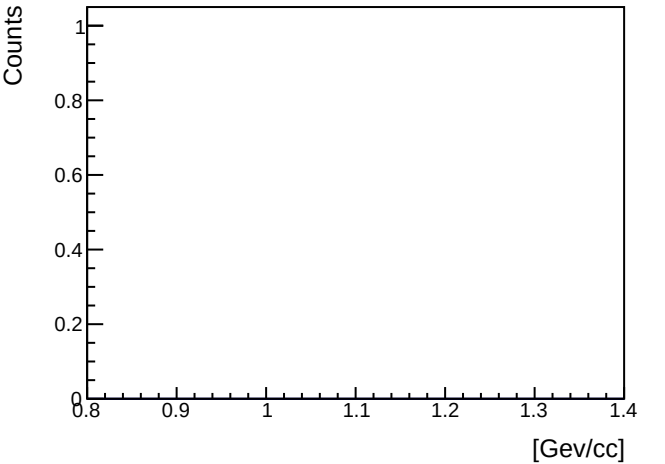

Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[55]-TOF[20] SFTX Segment

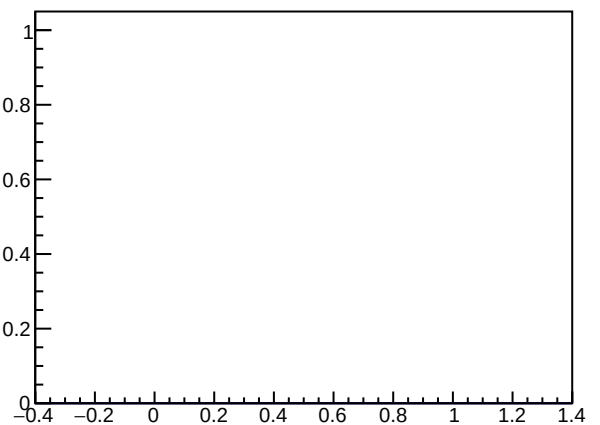

Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]

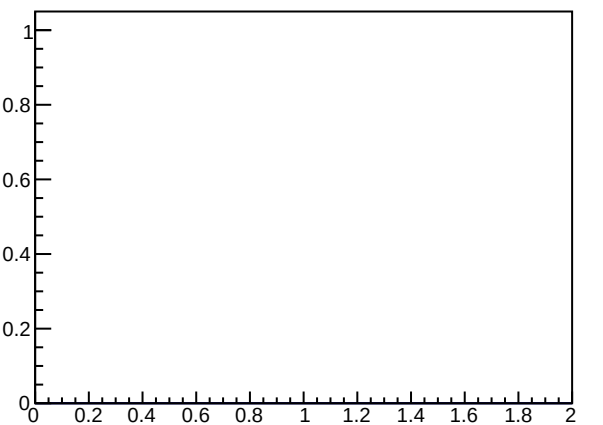

1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

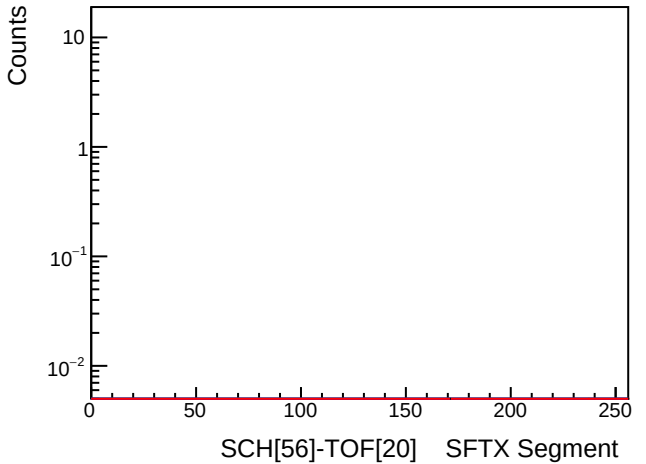

1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
10
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[55]-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
[Gev/cc]


1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
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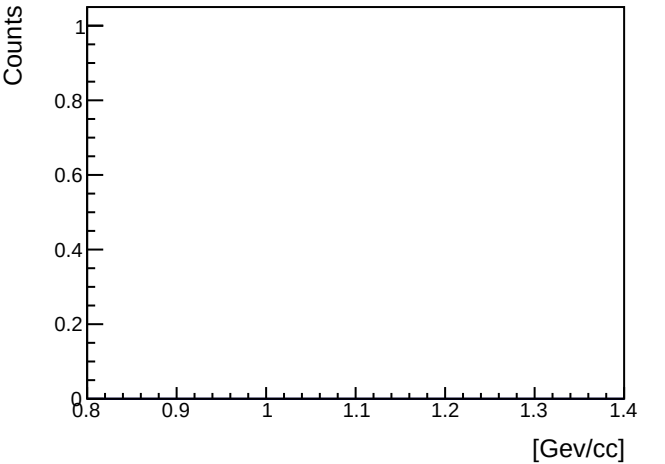
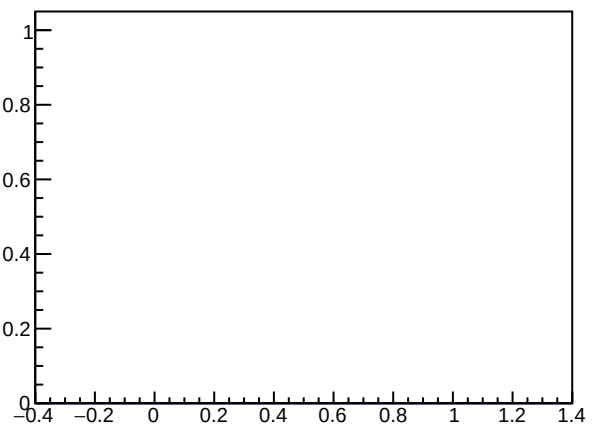
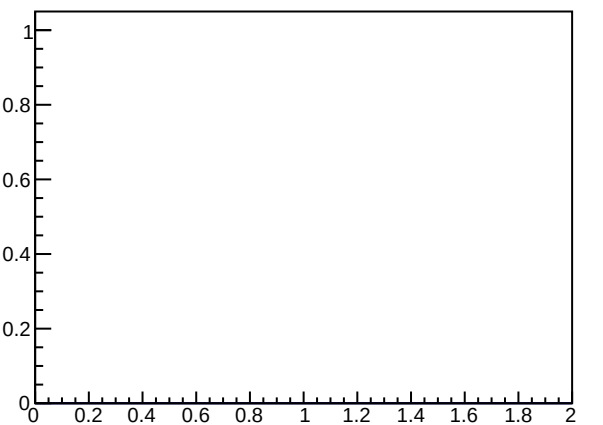
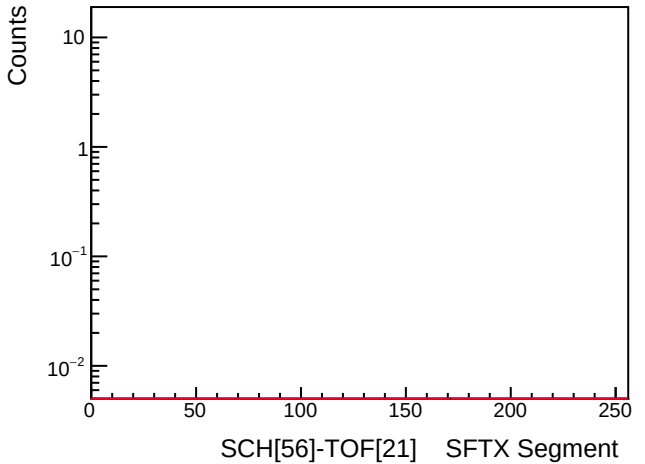
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[56]-TOF[20] SFTX Segment


Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]


1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


Counts
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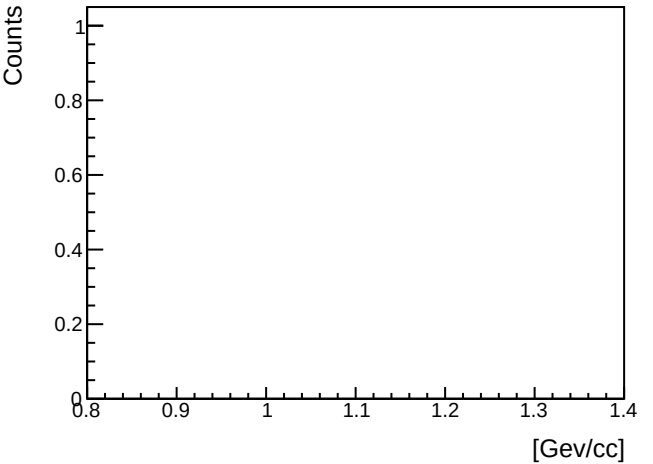
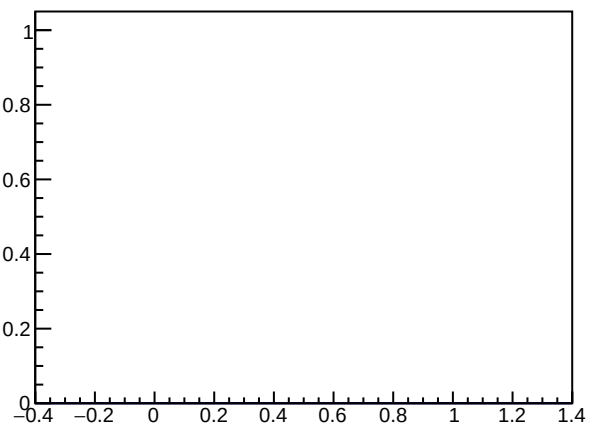
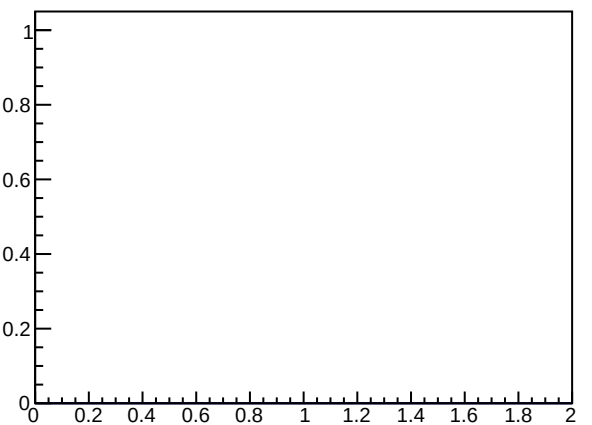
1
10^{-1}
10^{-2}
0
50
100
150
200
250
SCH[56]-TOF[21] SFTX Segment


Counts
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4
[Gev/cc]


1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2