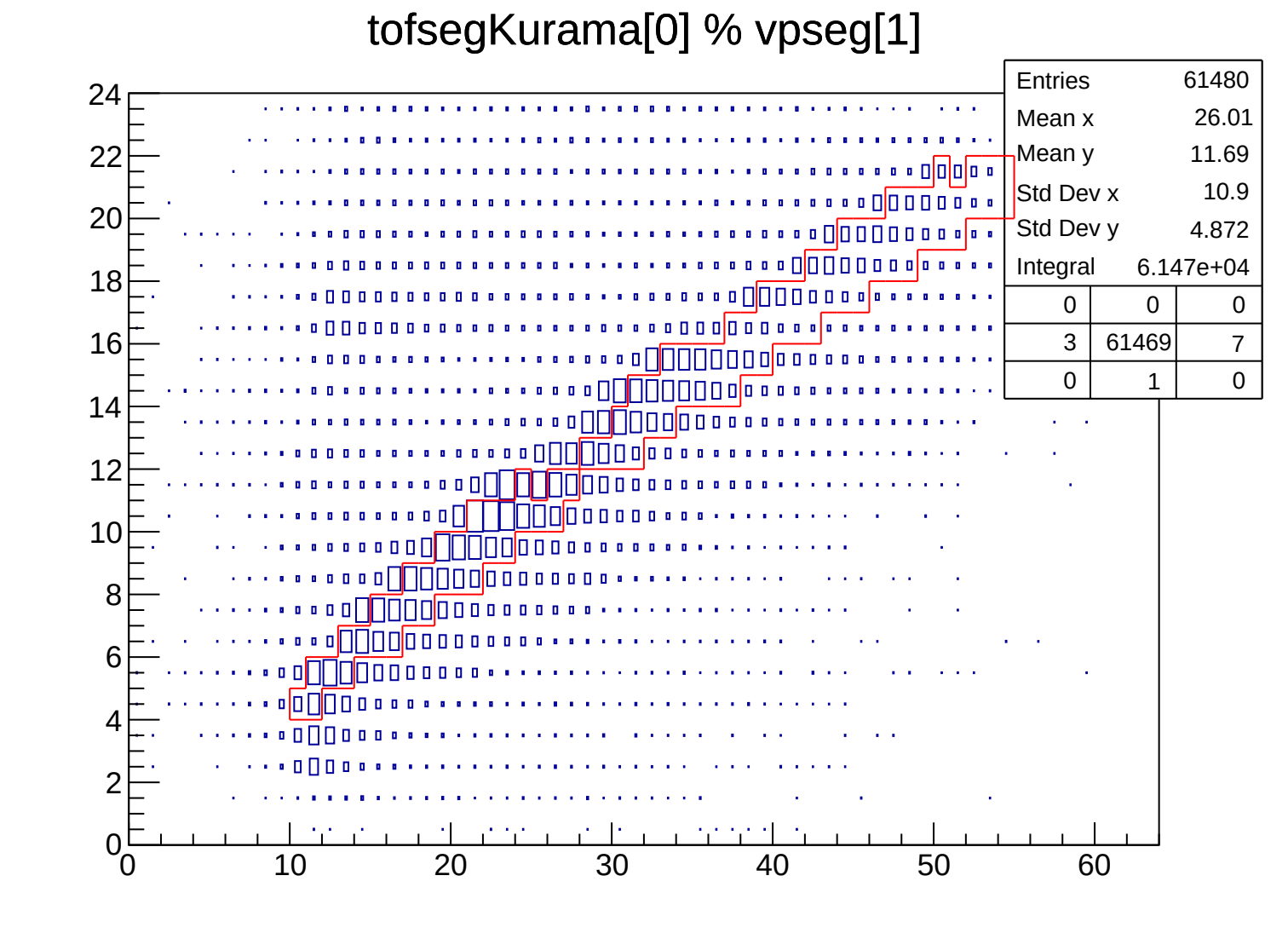
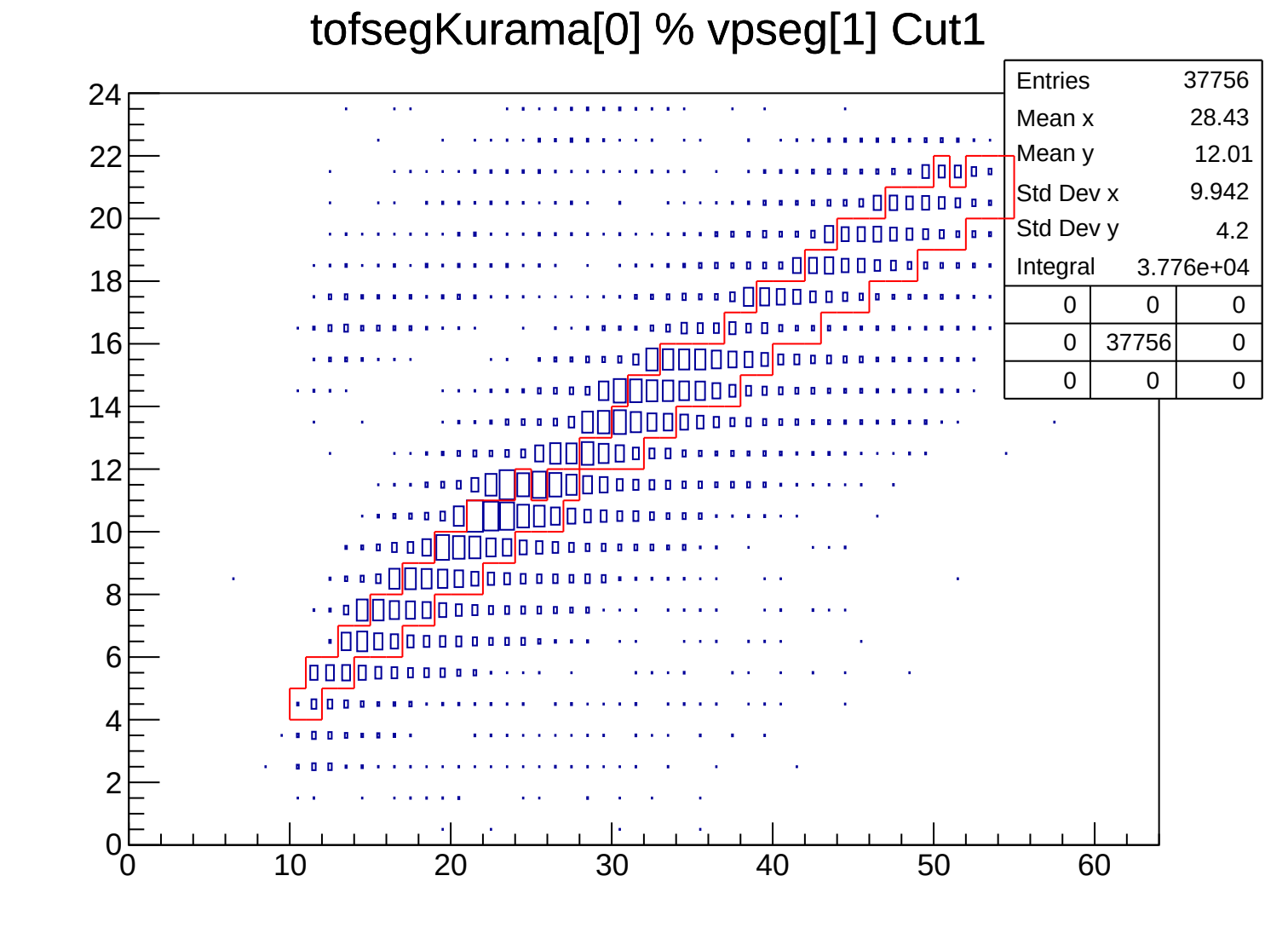
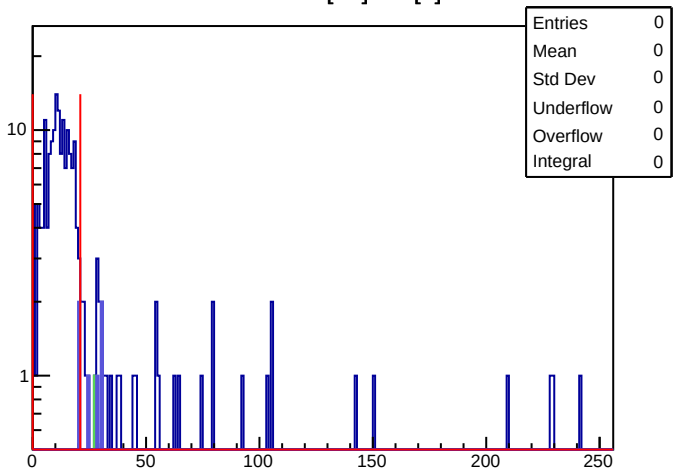
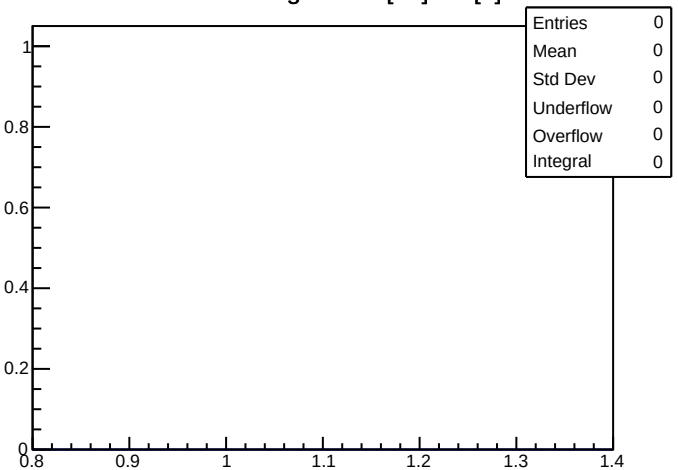
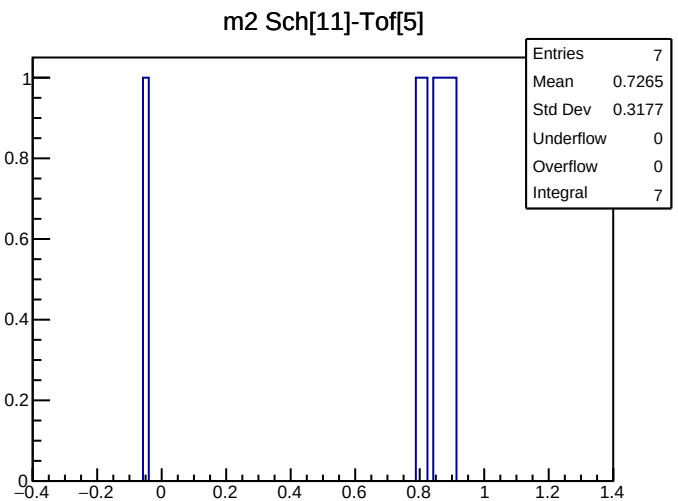
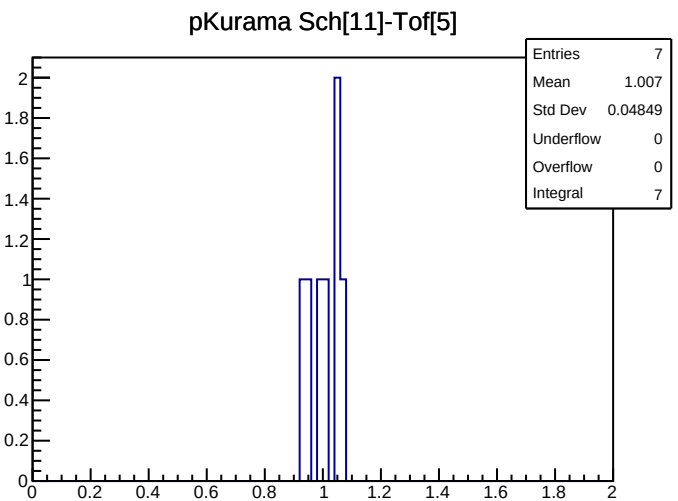

tofsegKurama[0] % vpseg[1]
Entries 61480
Mean x 26.01
Mean y 11.69
Std Dev x 10.9
Std Dev y 4.872
Integral 6.147e+04
0 0 0
3 61469 7
0 1 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

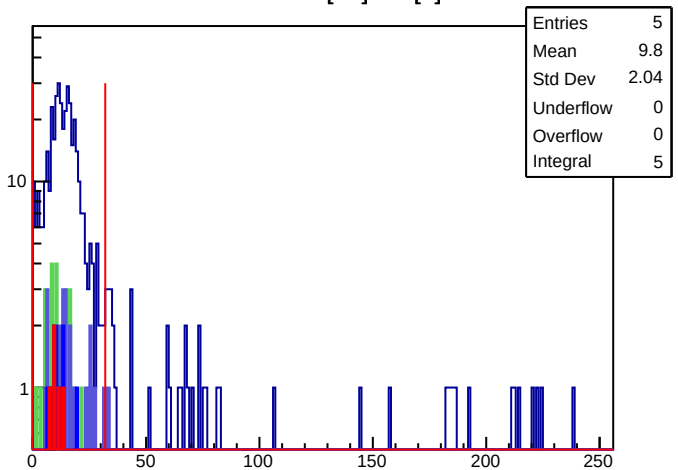

tofsegKurama[0] % vpseg[1] Cut1
Entries 37756
Mean x 28.43
Mean y 12.01
Std Dev x 9.942
Std Dev y 4.2
Integral 3.776e+04
0 0 0
0 37756 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

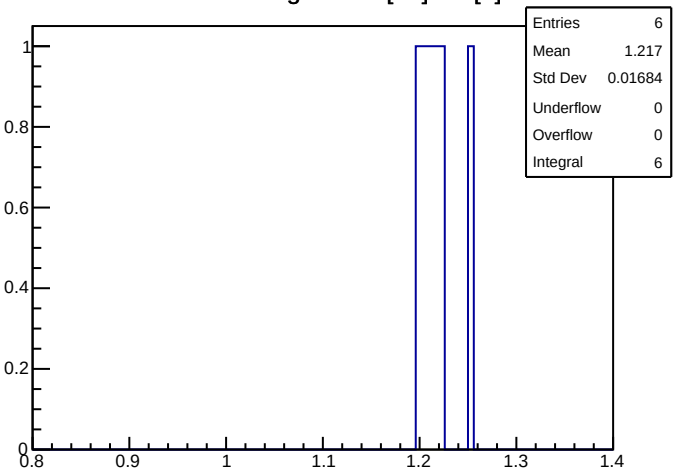

sftx all Sch[11]-Tof[5]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

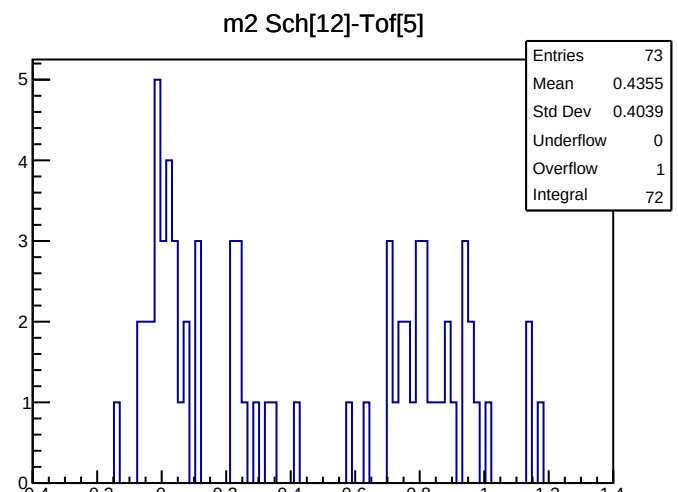

MissMass Sigma Sch[11]-Tof[5]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

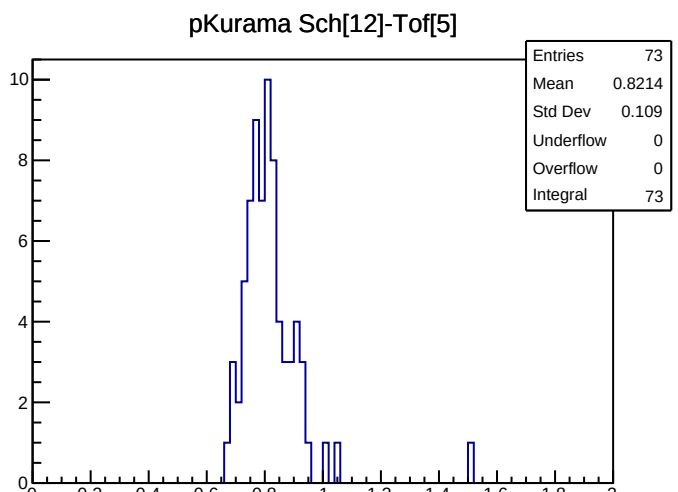

m2 Sch[11]-Tof[5]
Entries 7
Mean 0.7265
Std Dev 0.3177
Underflow 0
Overflow 0
Integral 7
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

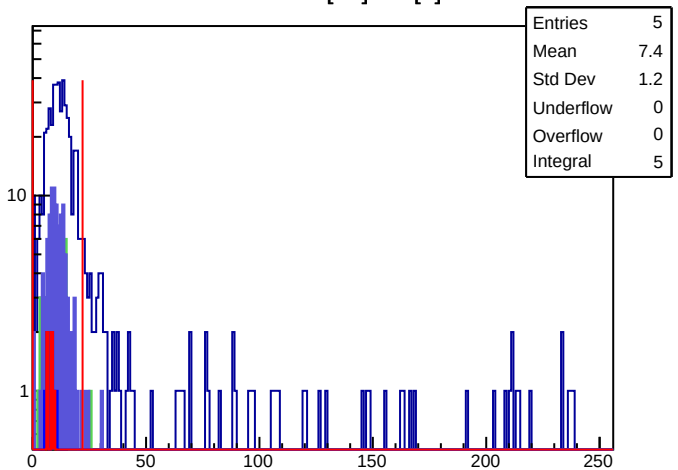

pKurama Sch[11]-Tof[5]
Entries 7
Mean 1.007
Std Dev 0.04849
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

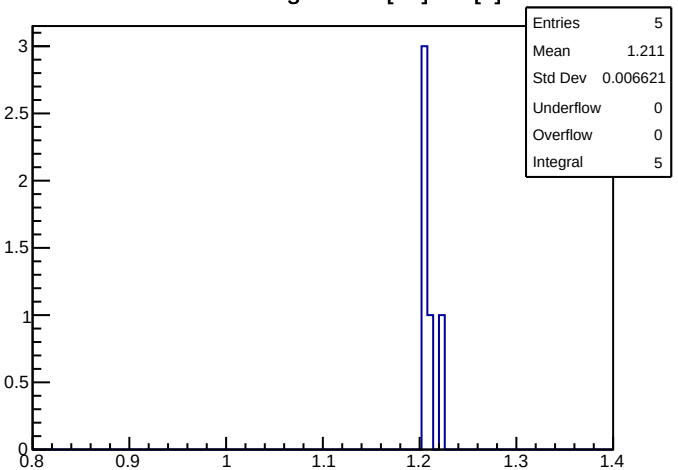

sftx all Sch[12]-Tof[5]
Entries 5
Mean 9.8
Std Dev 2.04
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

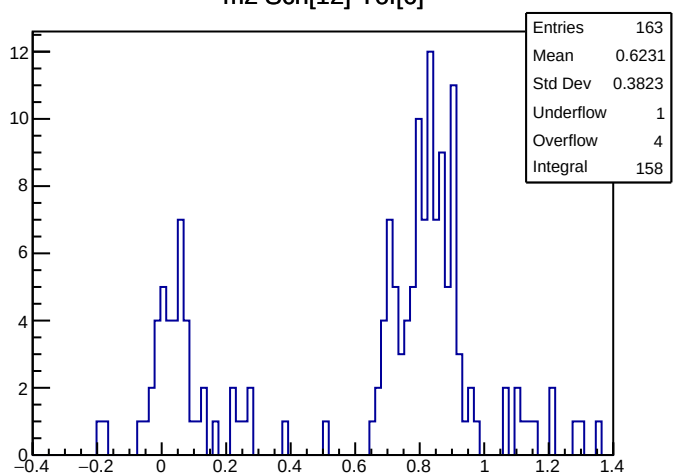

MissMass Sigma Sch[12]-Tof[5]
Entries 6
Mean 1.217
Std Dev 0.01684
Underflow 0
Overflow 0
Integral 6
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

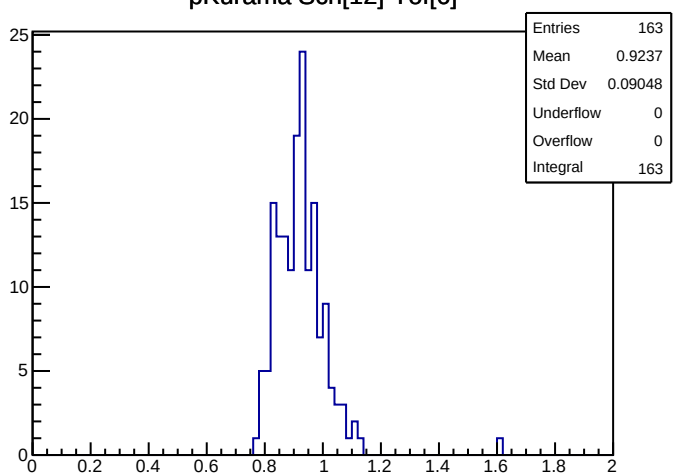

m2 Sch[12]-Tof[5]
Entries 73
Mean 0.4355
Std Dev 0.4039
Underflow 0
Overflow 1
Integral 72
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

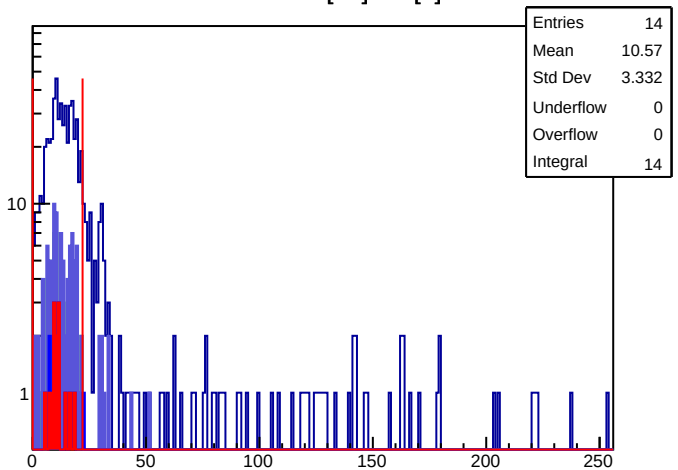

pKurama Sch[12]-Tof[5]
Entries 73
Mean 0.8214
Std Dev 0.109
Underflow 0
Overflow 0
Integral 73
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

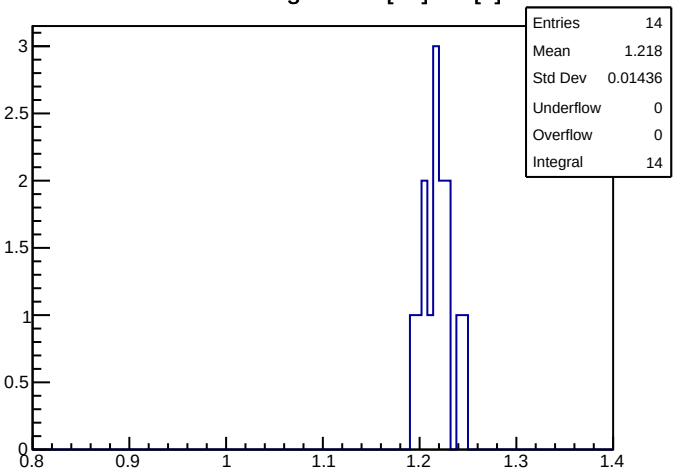

sftx all Sch[12]-Tof[6]
Entries 5
Mean 7.4
Std Dev 1.2
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

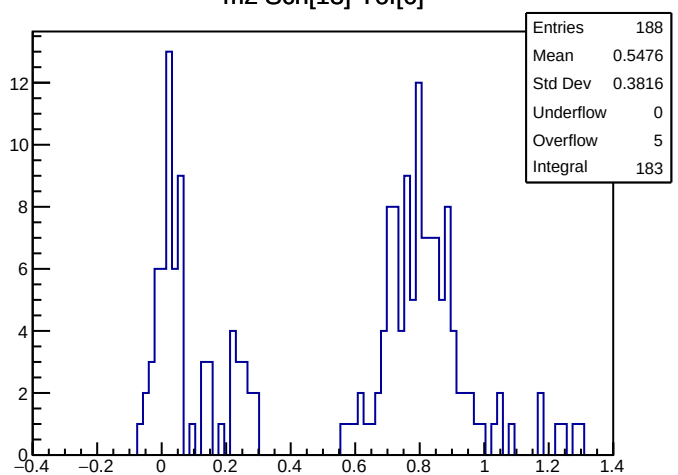

MissMass Sigma Sch[12]-Tof[6]
Entries 5
Mean 1.211
Std Dev 0.006621
Underflow 0
Overflow 0
Integral 5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

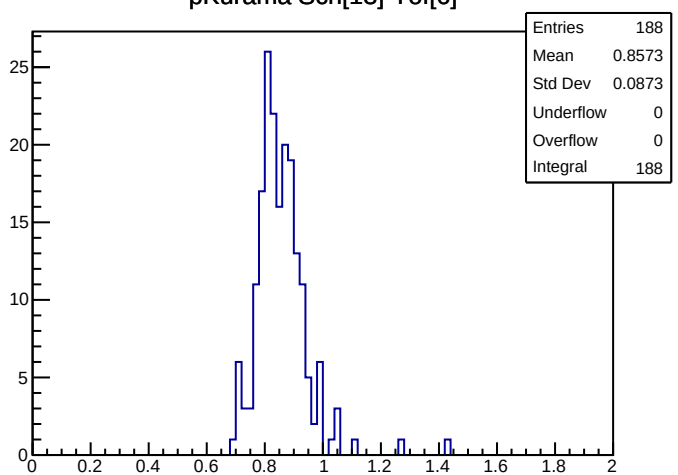

m2 Sch[12]-Tof[6]
Entries 163
Mean 0.6231
Std Dev 0.3823
Underflow 1
Overflow 4
Integral 158
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

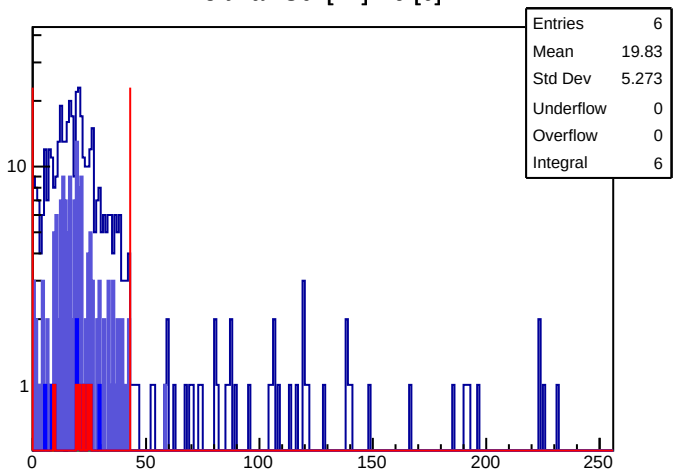

pKurama Sch[12]-Tof[6]
Entries 163
Mean 0.9237
Std Dev 0.09048
Underflow 0
Overflow 0
Integral 163
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

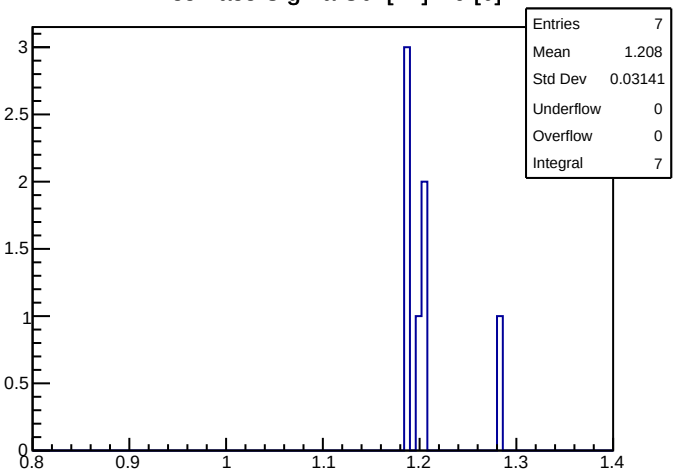

sftx all Sch[13]-Tof[6]
Entries 14
Mean 10.57
Std Dev 3.332
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

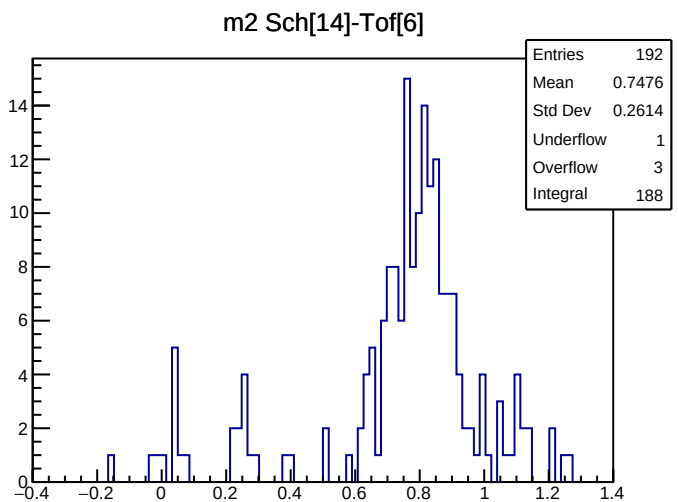

MissMass Sigma Sch[13]-Tof[6]
Entries 14
Mean 1.218
Std Dev 0.01436
Underflow 0
Overflow 0
Integral 14
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

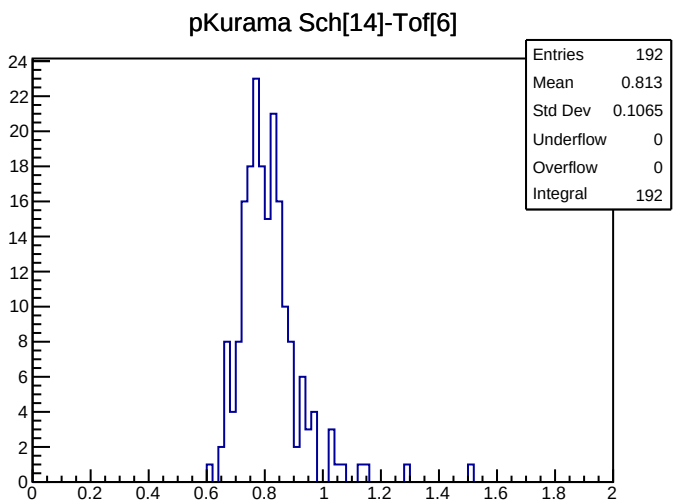

m2 Sch[13]-Tof[6]
Entries 188
Mean 0.5476
Std Dev 0.3816
Underflow 0
Overflow 5
Integral 183
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

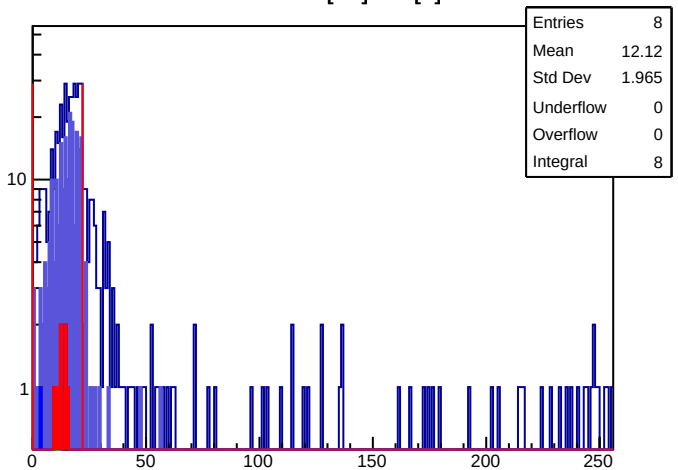

pKurama Sch[13]-Tof[6]
Entries 188
Mean 0.8573
Std Dev 0.0873
Underflow 0
Overflow 0
Integral 188
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

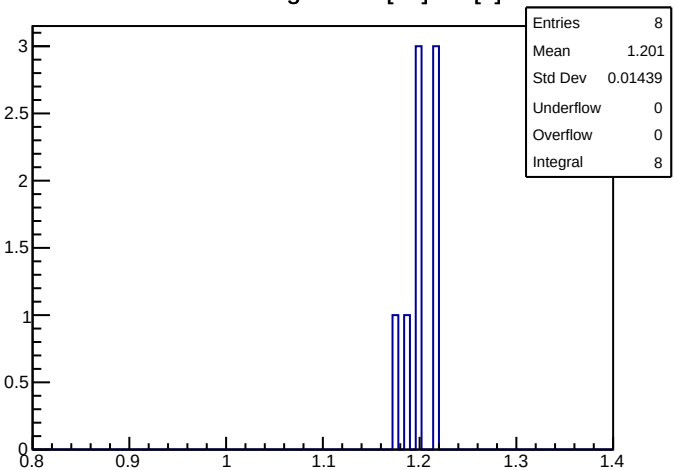

sftx all Sch[14]-Tof[6]
Entries 6
Mean 19.83
Std Dev 5.273
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

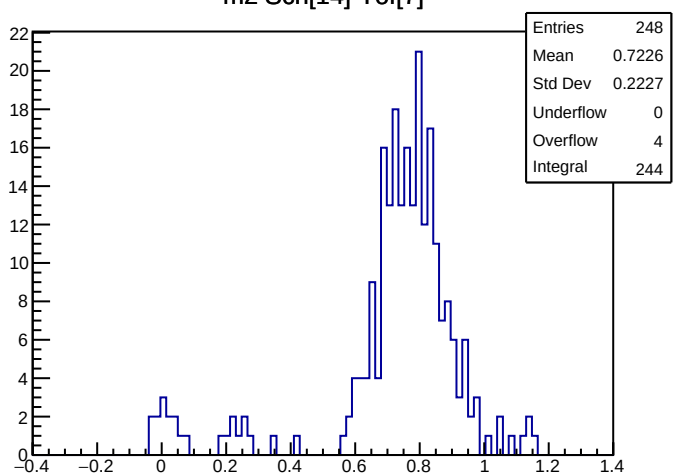

MissMass Sigma Sch[14]-Tof[6]
Entries 7
Mean 1.208
Std Dev 0.03141
Underflow 0
Overflow 0
Integral 7
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

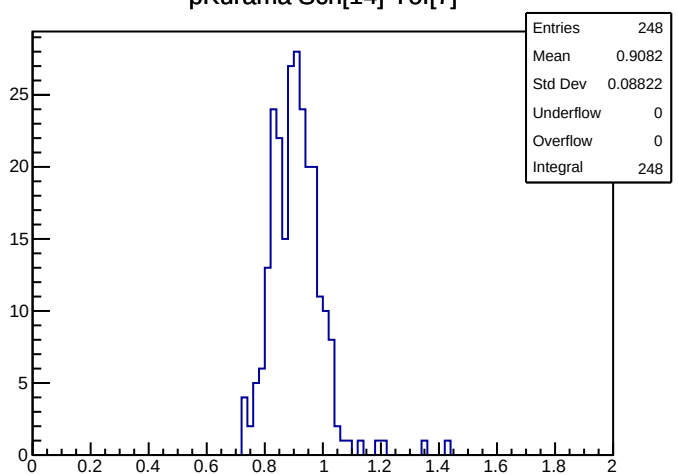

m2 Sch[14]-Tof[6]
Entries 192
Mean 0.7476
Std Dev 0.2614
Underflow 1
Overflow 3
Integral 188
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

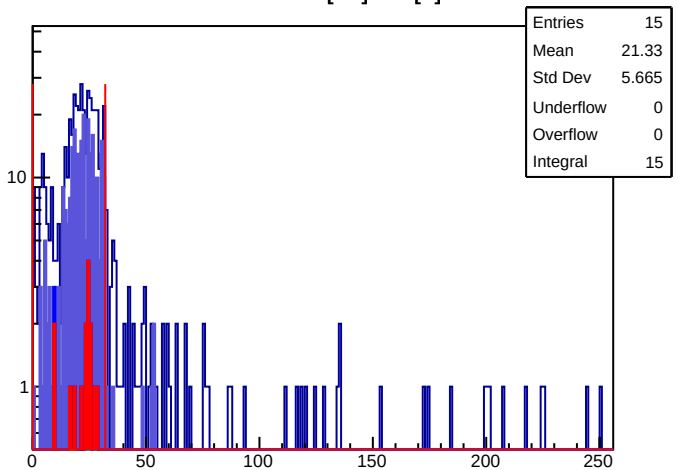

pKurama Sch[14]-Tof[6]
Entries 192
Mean 0.813
Std Dev 0.1065
Underflow 0
Overflow 0
Integral 192
24
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

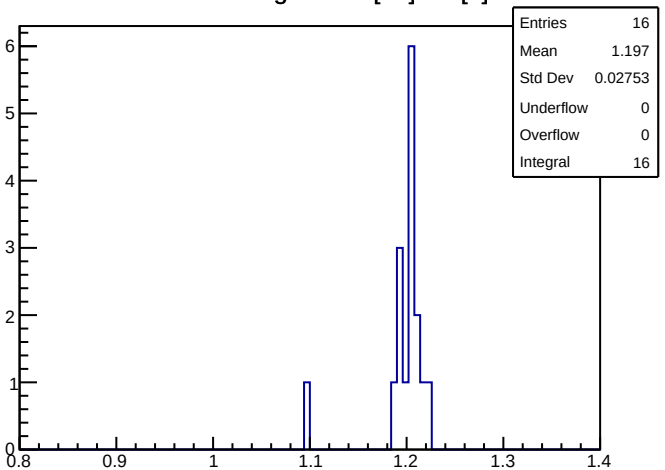

sftx all Sch[14]-Tof[7]
Entries 8
Mean 12.12
Std Dev 1.965
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

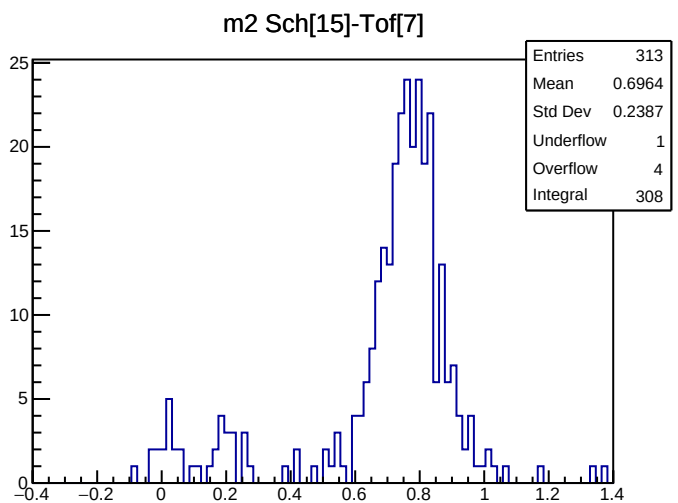

MissMass Sigma Sch[14]-Tof[7]
Entries 8
Mean 1.201
Std Dev 0.01439
Underflow 0
Overflow 0
Integral 8
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

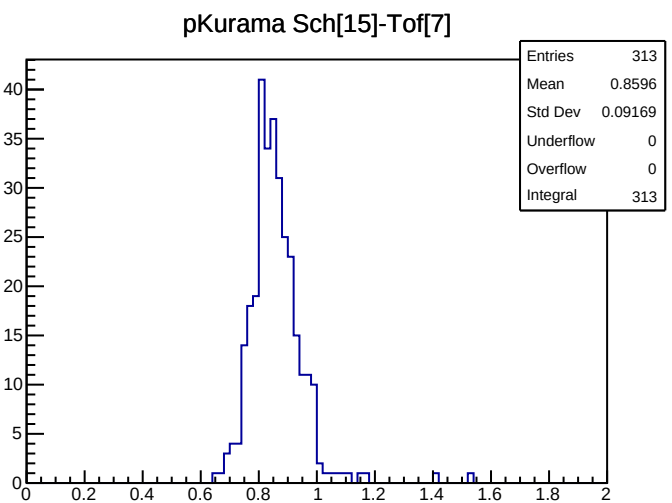

m2 Sch[14]-Tof[7]
Entries 248
Mean 0.7226
Std Dev 0.2227
Underflow 0
Overflow 4
Integral 244
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

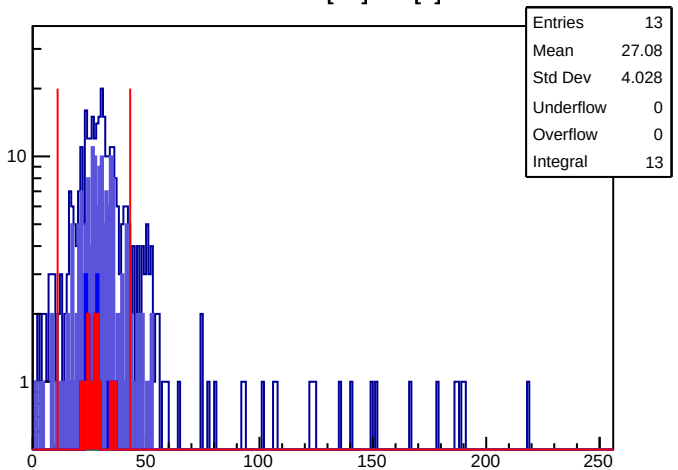

pKurama Sch[14]-Tof[7]
Entries 248
Mean 0.9082
Std Dev 0.08822
Underflow 0
Overflow 0
Integral 248
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

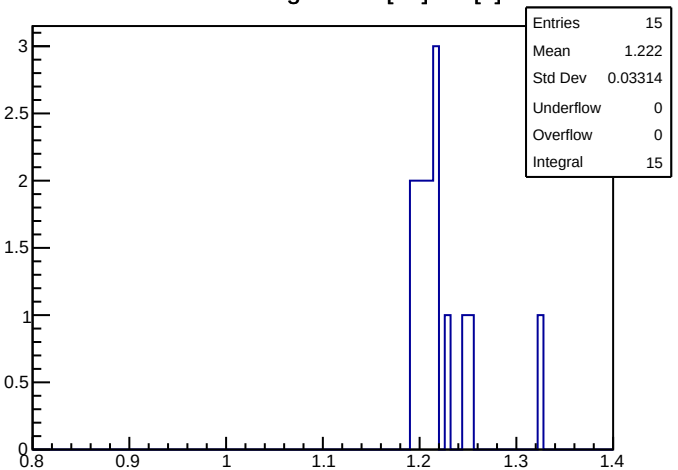

sftx all Sch[15]-Tof[7]
Entries 15
Mean 21.33
Std Dev 5.665
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

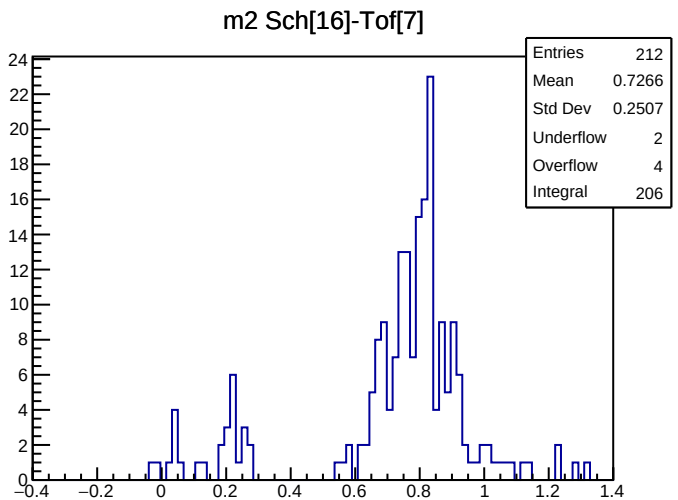

MissMass Sigma Sch[15]-Tof[7]
Entries 16
Mean 1.197
Std Dev 0.02753
Underflow 0
Overflow 0
Integral 16
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

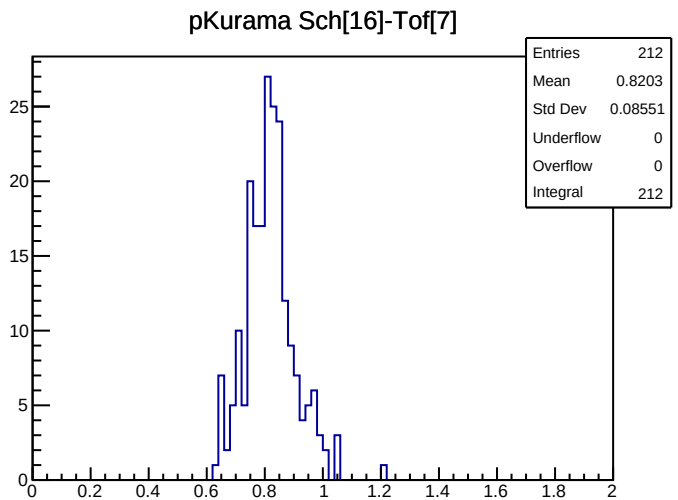

m2 Sch[15]-Tof[7]
Entries 313
Mean 0.6964
Std Dev 0.2387
Underflow 1
Overflow 4
Integral 308
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

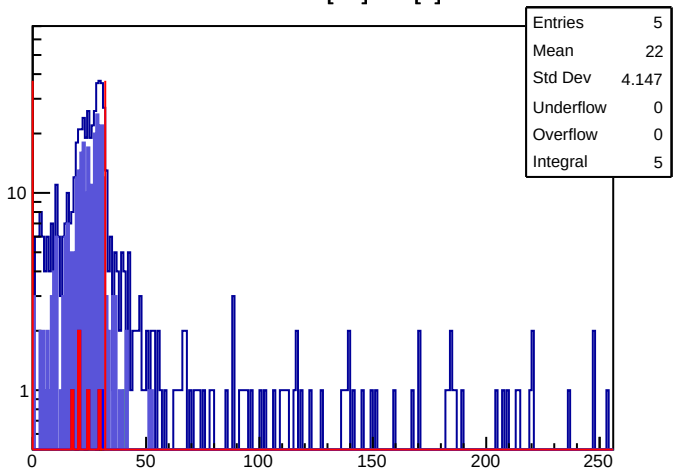

pKurama Sch[15]-Tof[7]
Entries 313
Mean 0.8596
Std Dev 0.09169
Underflow 0
Overflow 0
Integral 313
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

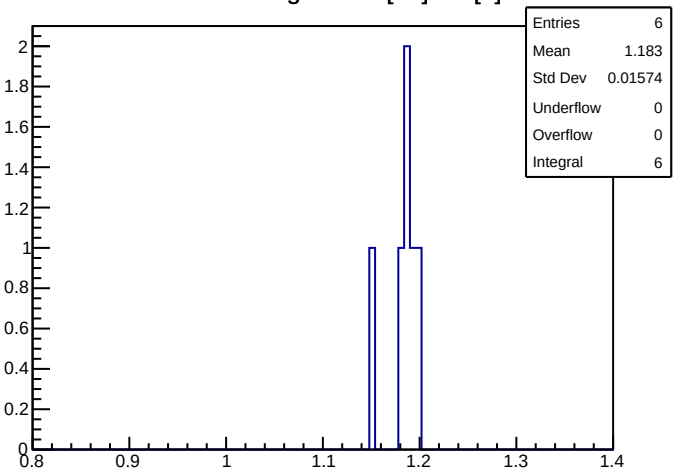

sftx all Sch[16]-Tof[7]
Entries 13
Mean 27.08
Std Dev 4.028
Underflow 0
Overflow 0
Integral 13

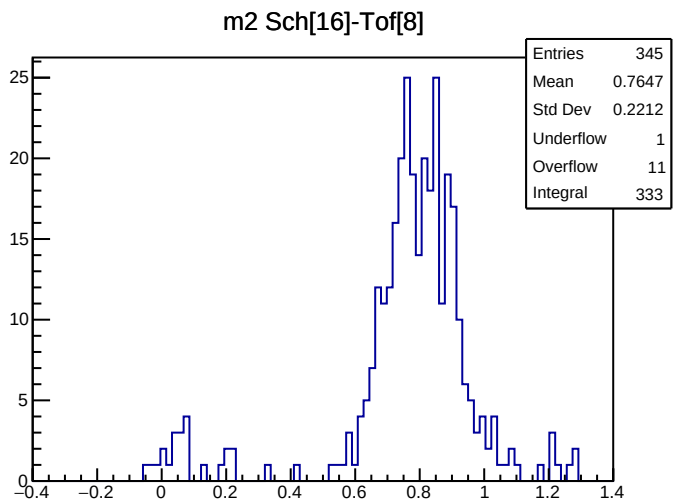

MissMass Sigma Sch[16]-Tof[7]
Entries 15
Mean 1.222
Std Dev 0.03314
Underflow 0
Overflow 0
Integral 15

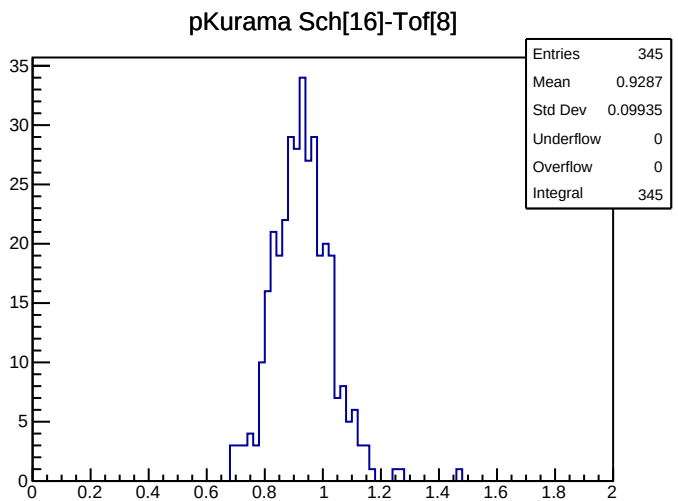

m2 Sch[16]-Tof[7]
Entries 212
Mean 0.7266
Std Dev 0.2507
Underflow 2
Overflow 4
Integral 206

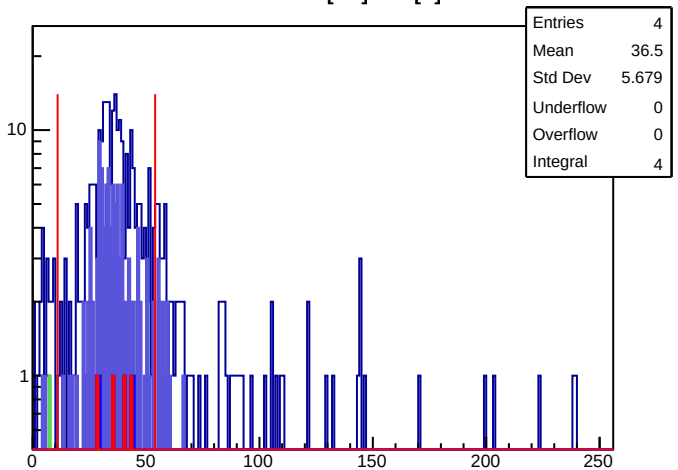

pKurama Sch[16]-Tof[7]
Entries 212
Mean 0.8203
Std Dev 0.08551
Underflow 0
Overflow 0
Integral 212

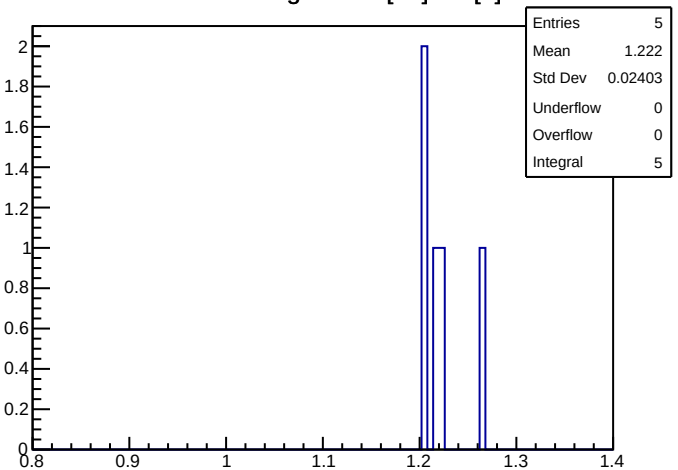

sftx all Sch[16]-Tof[8]
Entries 5
Mean 22
Std Dev 4.147
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

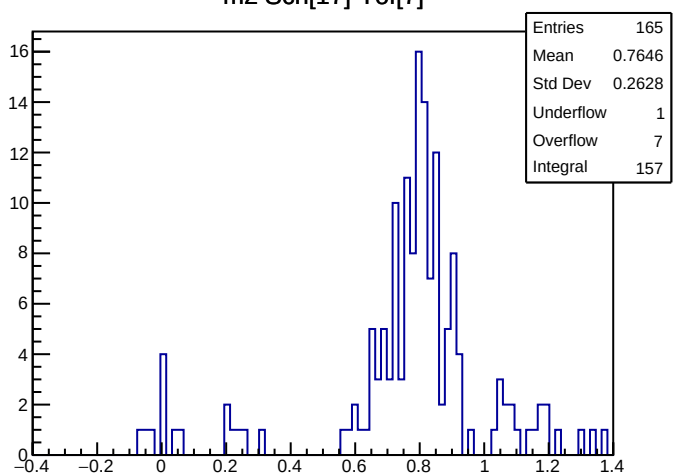

MissMass Sigma Sch[16]-Tof[8]
Entries 6
Mean 1.183
Std Dev 0.01574
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

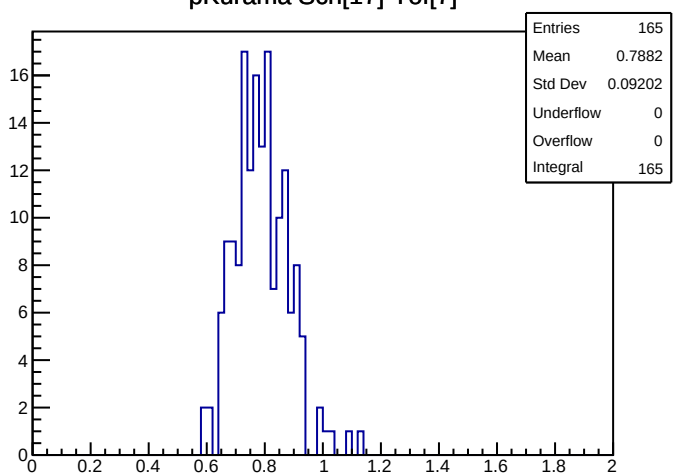

m2 Sch[16]-Tof[8]
Entries 345
Mean 0.7647
Std Dev 0.2212
Underflow 1
Overflow 11
Integral 333
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

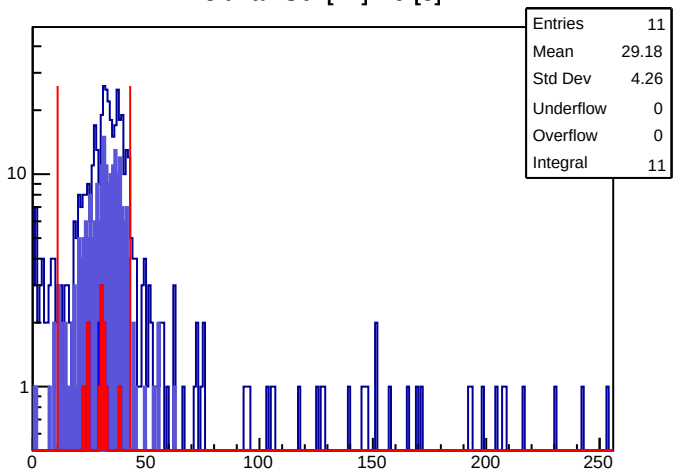

pKurama Sch[16]-Tof[8]
Entries 345
Mean 0.9287
Std Dev 0.09935
Underflow 0
Overflow 0
Integral 345
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

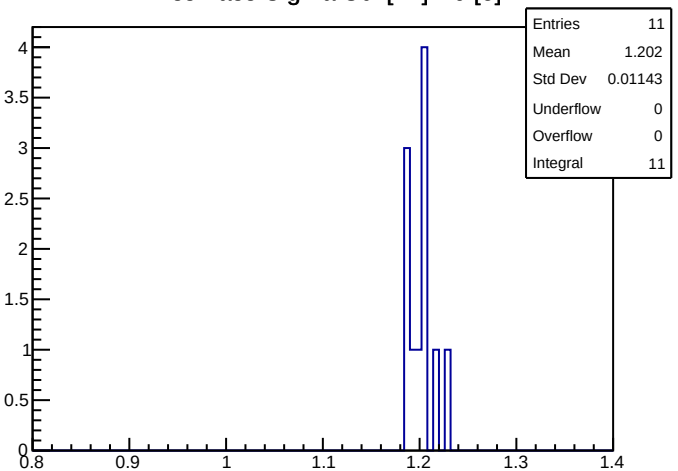

sftx all Sch[17]-Tof[7]
Entries 4
Mean 36.5
Std Dev 5.679
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

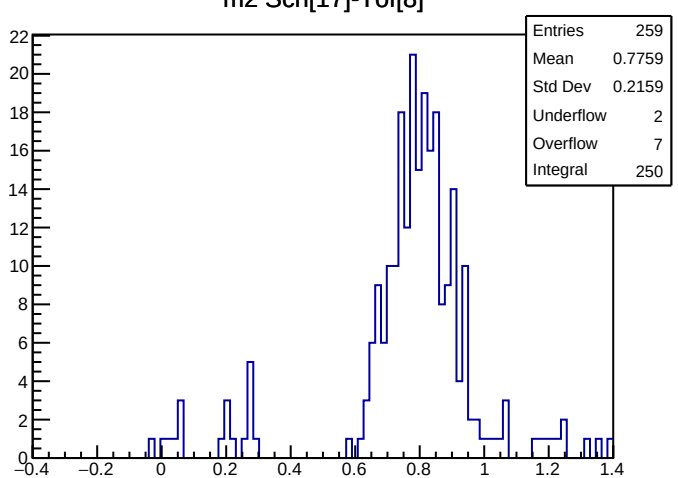

MissMass Sigma Sch[17]-Tof[7]
Entries 5
Mean 1.222
Std Dev 0.02403
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

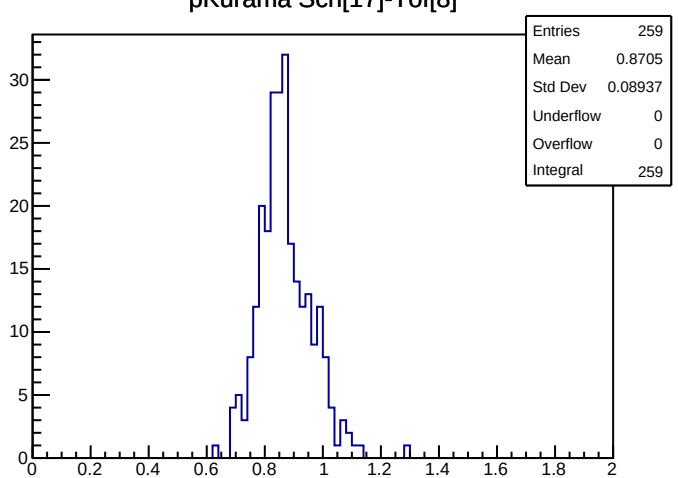

m2 Sch[17]-Tof[7]
Entries 165
Mean 0.7646
Std Dev 0.2628
Underflow 1
Overflow 7
Integral 157
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

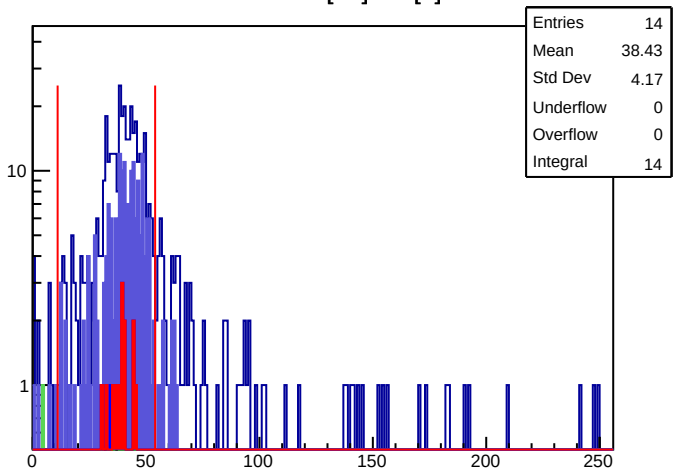

pKurama Sch[17]-Tof[7]
Entries 165
Mean 0.7882
Std Dev 0.09202
Underflow 0
Overflow 0
Integral 165
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

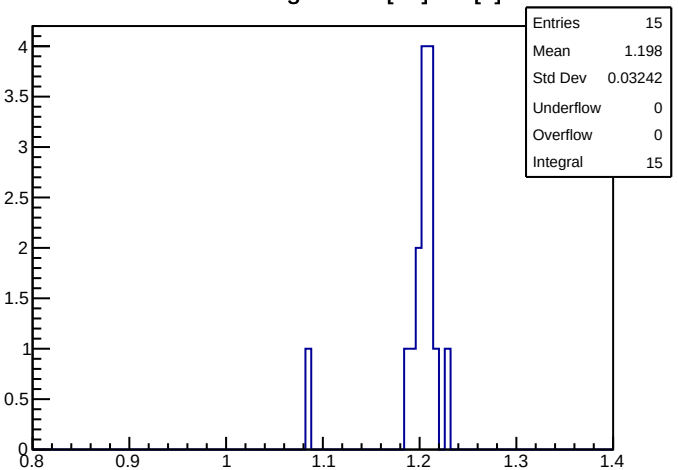

sftx all Sch[17]-Tof[8]
Entries 11
Mean 29.18
Std Dev 4.26
Underflow 0
Overflow 0
Integral 11
10
1
0
50
100
150
200
250

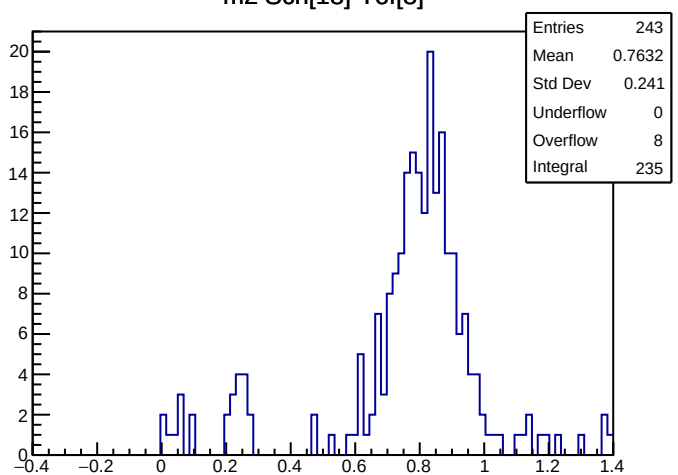

MissMass Sigma Sch[17]-Tof[8]
Entries 11
Mean 1.202
Std Dev 0.01143
Underflow 0
Overflow 0
Integral 11
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

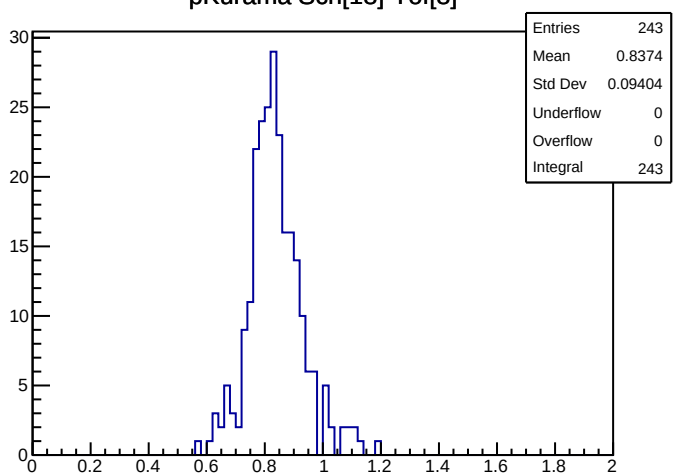

m2 Sch[17]-Tof[8]
Entries 259
Mean 0.7759
Std Dev 0.2159
Underflow 2
Overflow 7
Integral 250
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

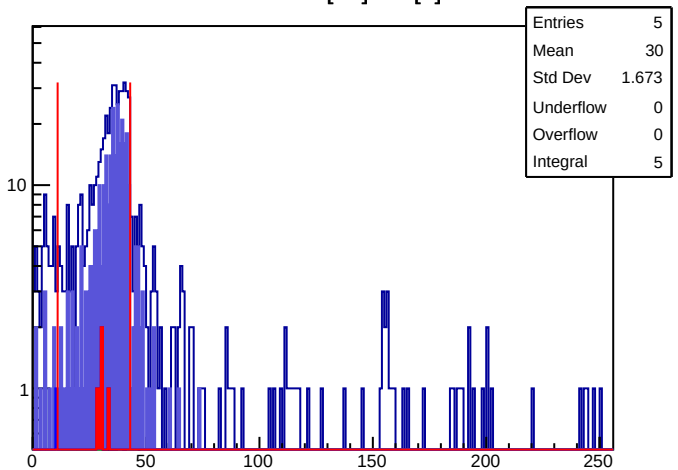

pKurama Sch[17]-Tof[8]
Entries 259
Mean 0.8705
Std Dev 0.08937
Underflow 0
Overflow 0
Integral 259
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

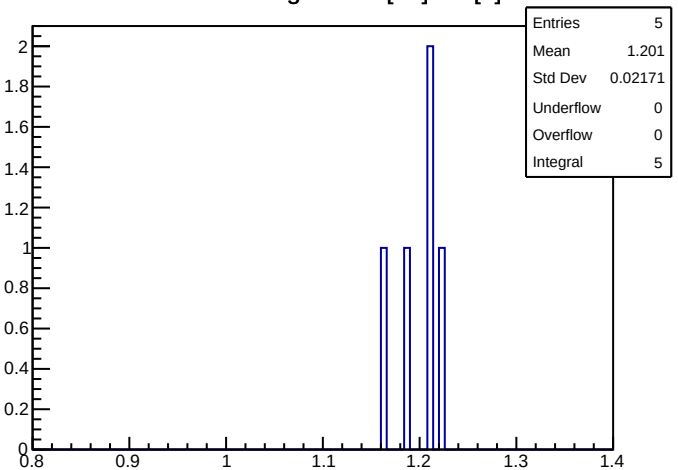

sftx all Sch[18]-Tof[8]
Entries 14
Mean 38.43
Std Dev 4.17
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

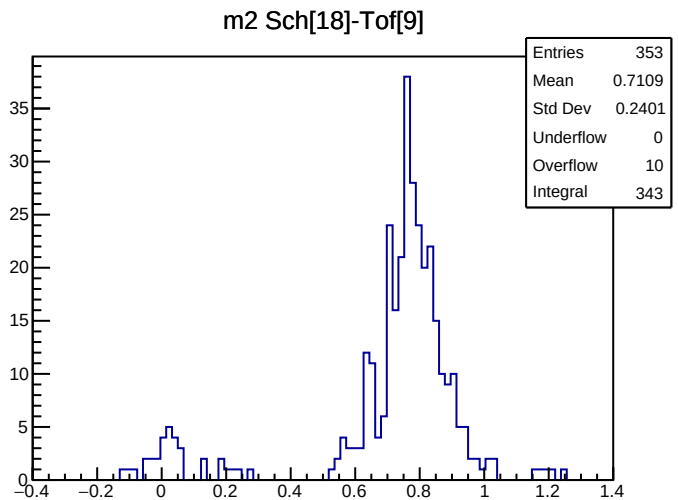

MissMass Sigma Sch[18]-Tof[8]
Entries 15
Mean 1.198
Std Dev 0.03242
Underflow 0
Overflow 0
Integral 15
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

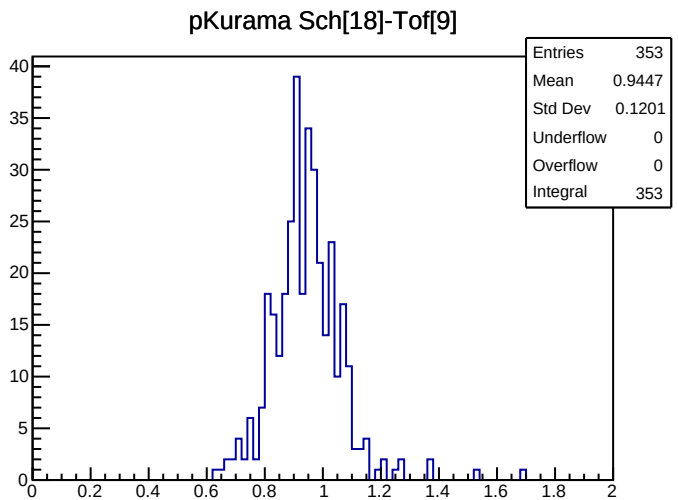

m2 Sch[18]-Tof[8]
Entries 243
Mean 0.7632
Std Dev 0.241
Underflow 0
Overflow 8
Integral 235
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

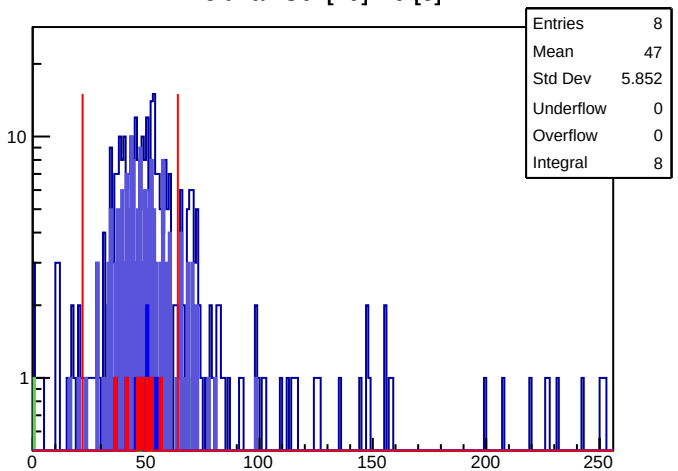

pKurama Sch[18]-Tof[8]
Entries 243
Mean 0.8374
Std Dev 0.09404
Underflow 0
Overflow 0
Integral 243
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

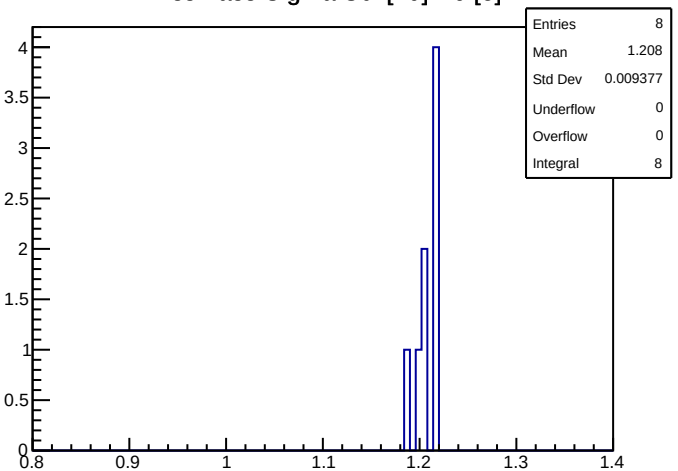

sftx all Sch[18]-Tof[9]
Entries 5
Mean 30
Std Dev 1.673
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

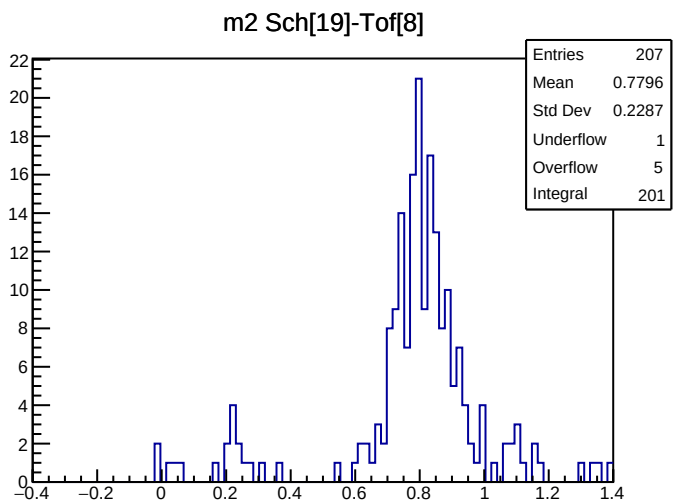

MissMass Sigma Sch[18]-Tof[9]
Entries 5
Mean 1.201
Std Dev 0.02171
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

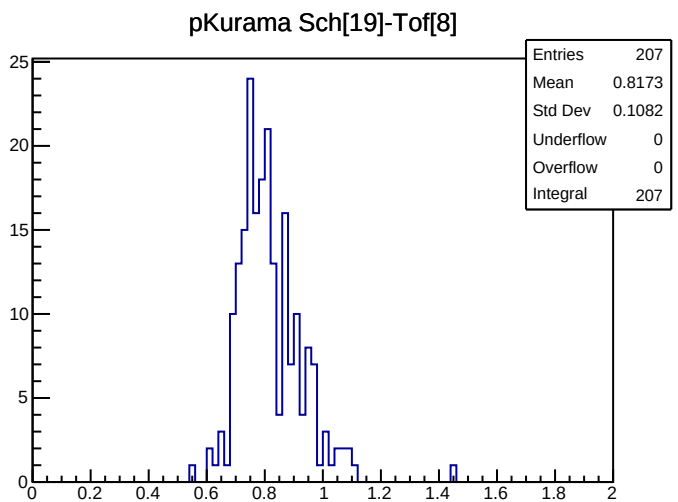

m2 Sch[18]-Tof[9]
Entries 353
Mean 0.7109
Std Dev 0.2401
Underflow 0
Overflow 10
Integral 343
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

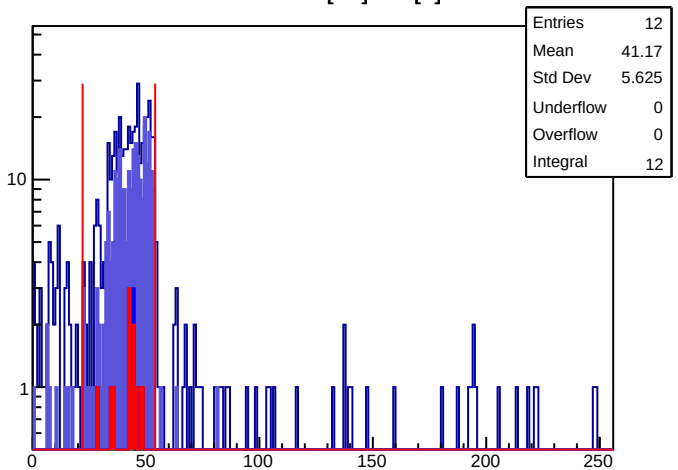

pKurama Sch[18]-Tof[9]
Entries 353
Mean 0.9447
Std Dev 0.1201
Underflow 0
Overflow 0
Integral 353
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

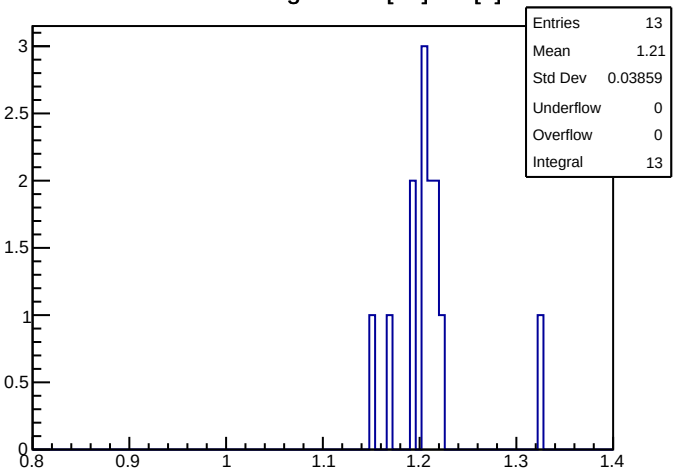

sftx all Sch[19]-Tof[8]
Entries 8
Mean 47
Std Dev 5.852
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

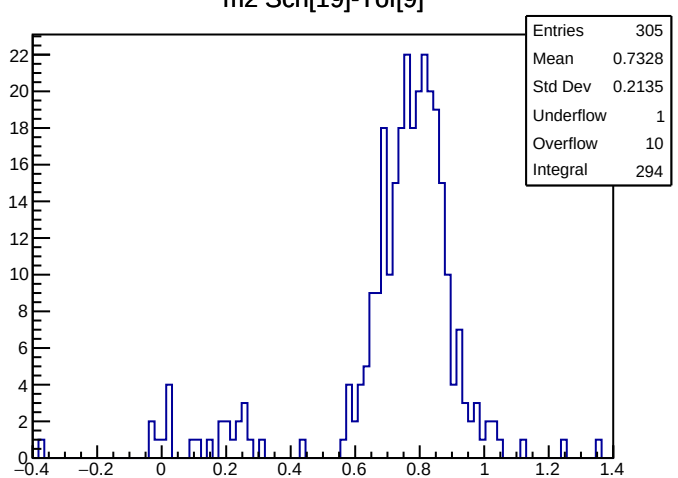

MissMass Sigma Sch[19]-Tof[8]
Entries 8
Mean 1.208
Std Dev 0.009377
Underflow 0
Overflow 0
Integral 8
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

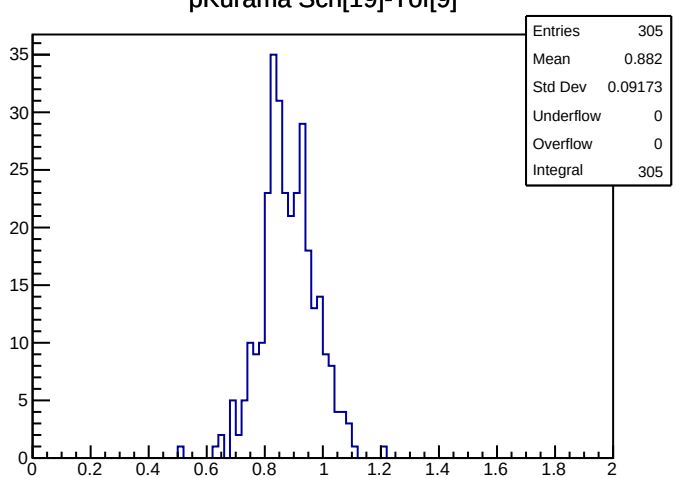

m2 Sch[19]-Tof[8]
Entries 207
Mean 0.7796
Std Dev 0.2287
Underflow 1
Overflow 5
Integral 201
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

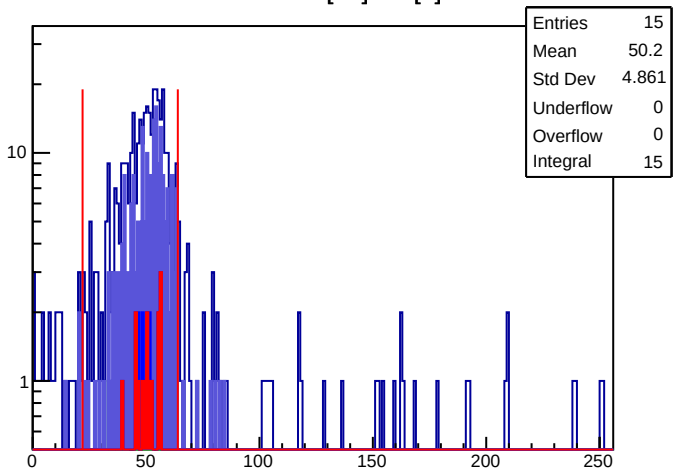

pKurama Sch[19]-Tof[8]
Entries 207
Mean 0.8173
Std Dev 0.1082
Underflow 0
Overflow 0
Integral 207
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

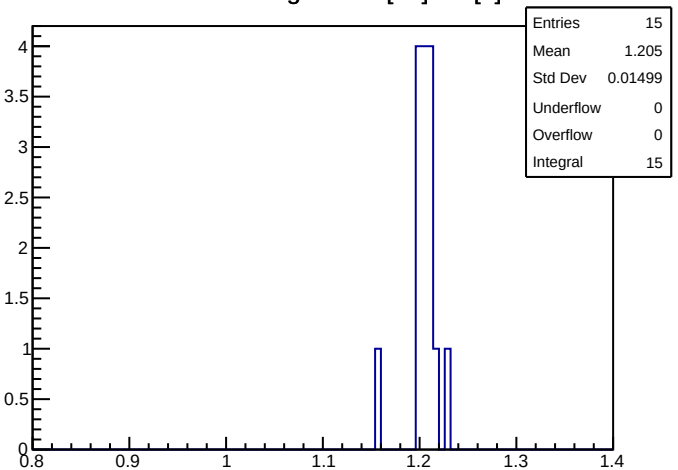

sftx all Sch[19]-Tof[9]
Entries 12
Mean 41.17
Std Dev 5.625
Underflow 0
Overflow 0
Integral 12

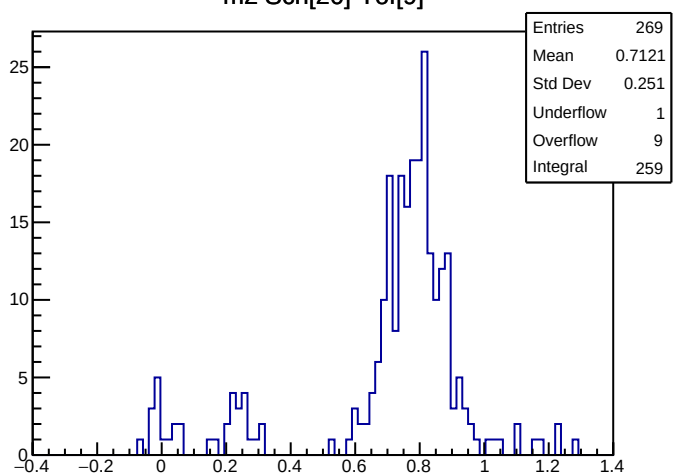

MissMass Sigma Sch[19]-Tof[9]
Entries 13
Mean 1.21
Std Dev 0.03859
Underflow 0
Overflow 0
Integral 13

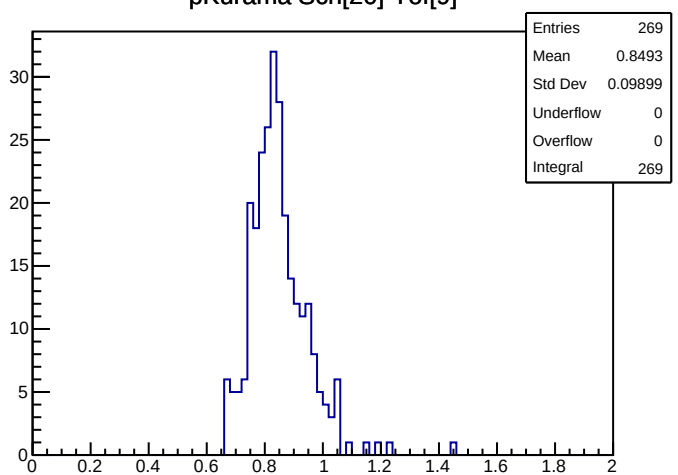

m2 Sch[19]-Tof[9]
Entries 305
Mean 0.7328
Std Dev 0.2135
Underflow 1
Overflow 10
Integral 294

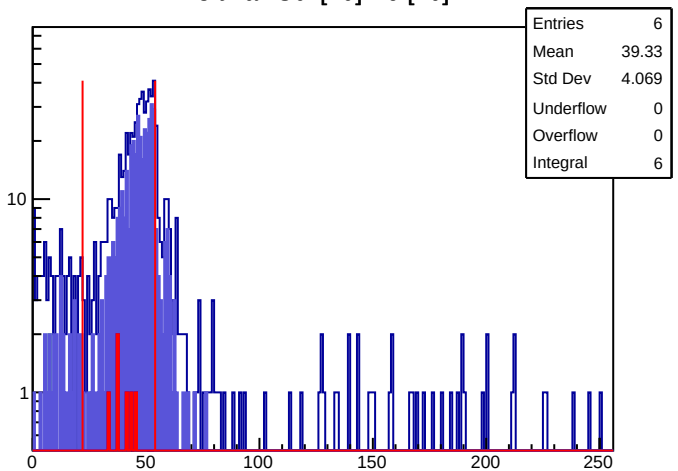

pKurama Sch[19]-Tof[9]
Entries 305
Mean 0.882
Std Dev 0.09173
Underflow 0
Overflow 0
Integral 305

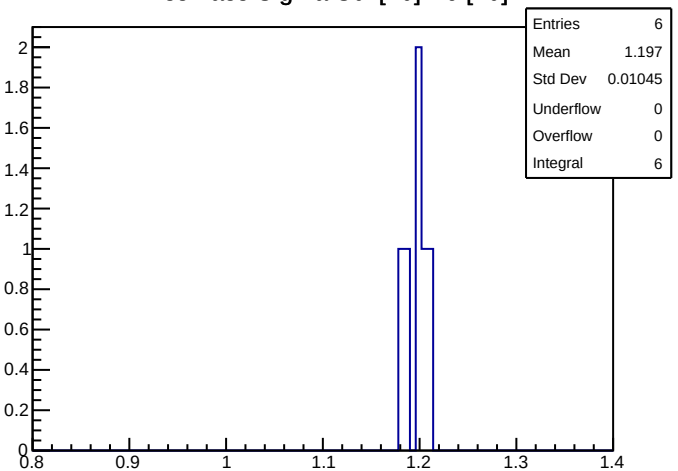

sftx all Sch[20]-Tof[9]
Entries 15
Mean 50.2
Std Dev 4.861
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

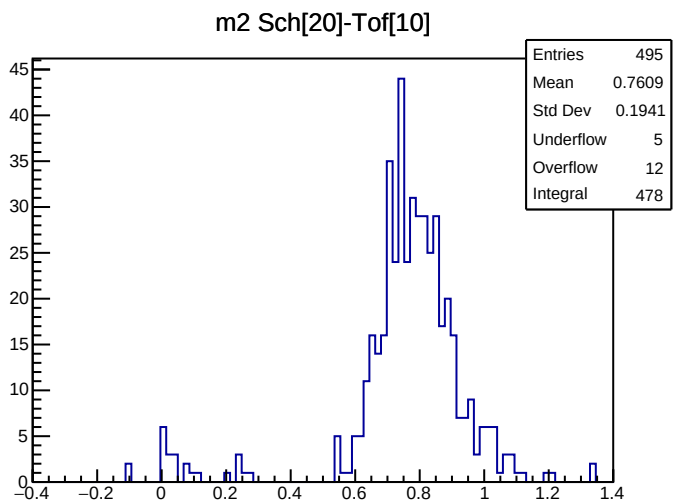

MissMass Sigma Sch[20]-Tof[9]
Entries 15
Mean 1.205
Std Dev 0.01499
Underflow 0
Overflow 0
Integral 15
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

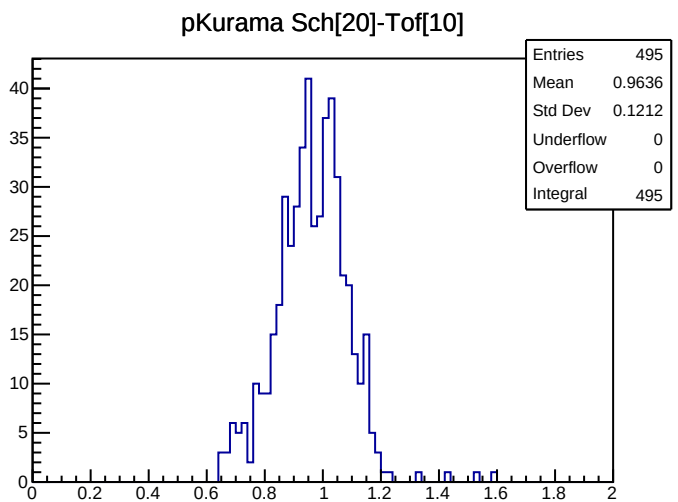

m2 Sch[20]-Tof[9]
Entries 269
Mean 0.7121
Std Dev 0.251
Underflow 1
Overflow 9
Integral 259
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

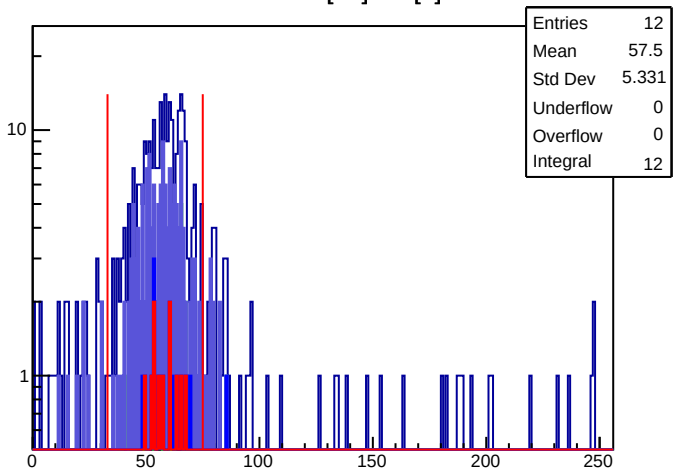

pKurama Sch[20]-Tof[9]
Entries 269
Mean 0.8493
Std Dev 0.09899
Underflow 0
Overflow 0
Integral 269
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

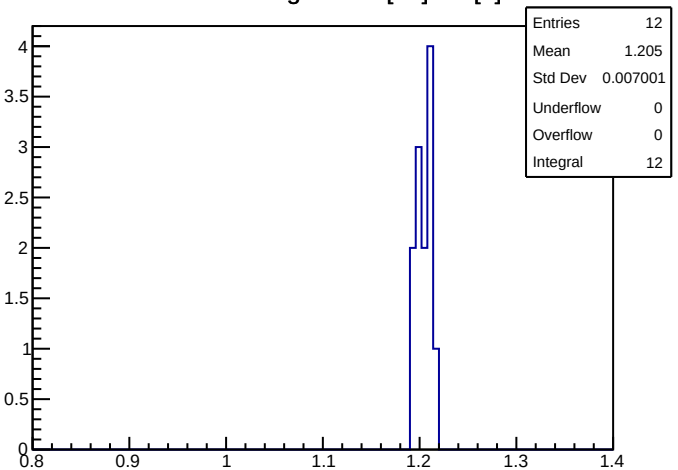

sftx all Sch[20]-Tof[10]
Entries 6
Mean 39.33
Std Dev 4.069
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

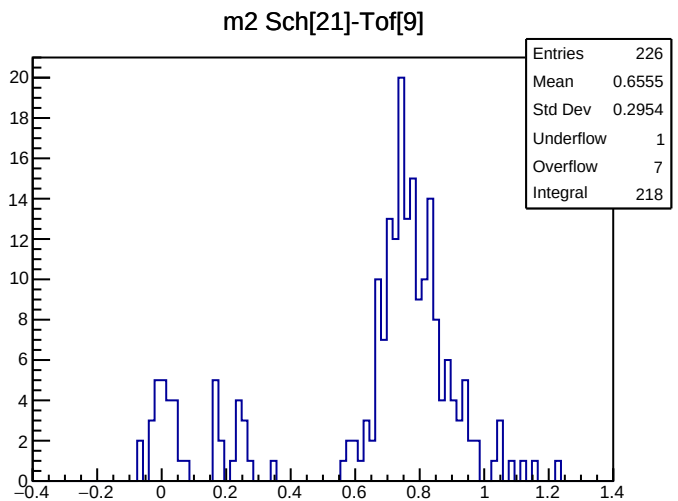

MissMass Sigma Sch[20]-Tof[10]
Entries 6
Mean 1.197
Std Dev 0.01045
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

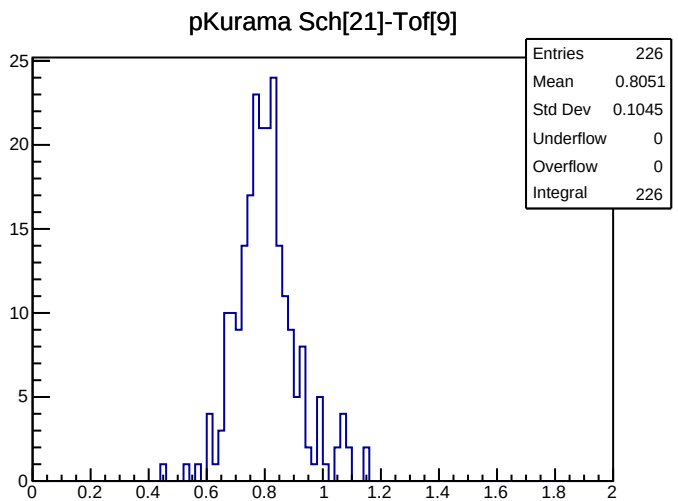

m2 Sch[20]-Tof[10]
Entries 495
Mean 0.7609
Std Dev 0.1941
Underflow 5
Overflow 12
Integral 478
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

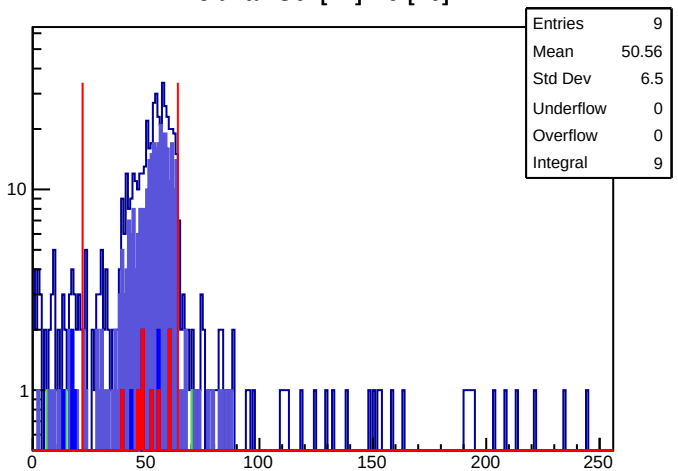

pKurama Sch[20]-Tof[10]
Entries 495
Mean 0.9636
Std Dev 0.1212
Underflow 0
Overflow 0
Integral 495
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

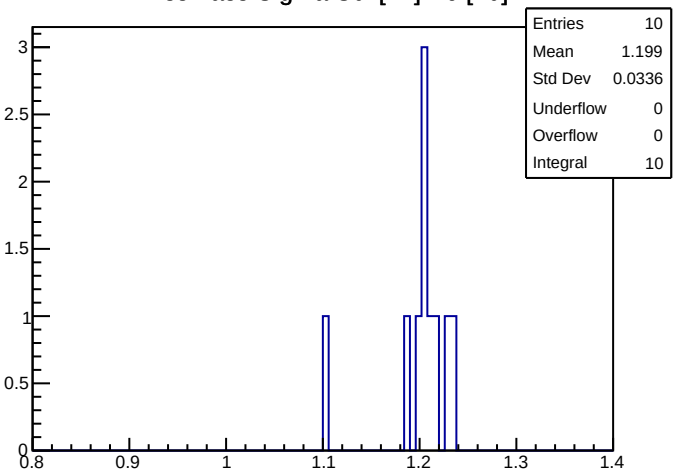

sftx all Sch[21]-Tof[9]
Entries 12
Mean 57.5
Std Dev 5.331
Underflow 0
Overflow 0
Integral 12
10
1
0
50
100
150
200
250

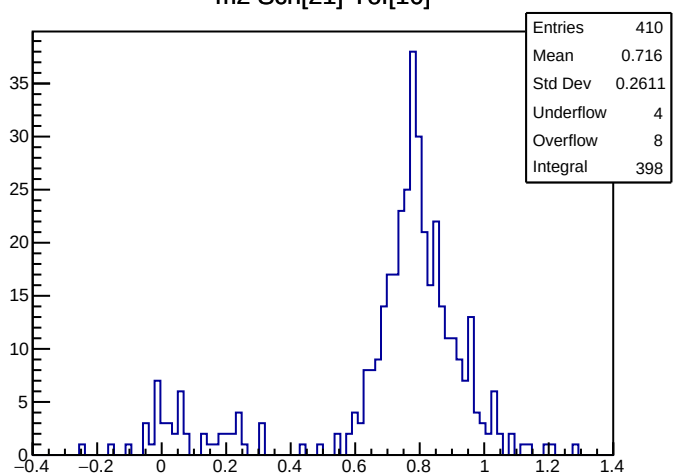

MissMass Sigma Sch[21]-Tof[9]
Entries 12
Mean 1.205
Std Dev 0.007001
Underflow 0
Overflow 0
Integral 12
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

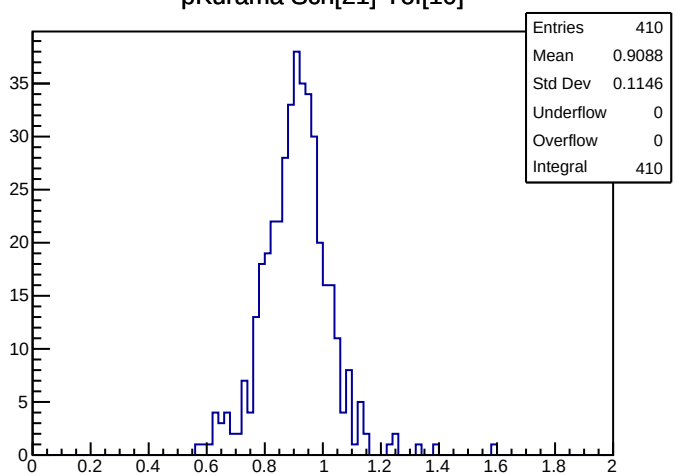

m2 Sch[21]-Tof[9]
Entries 226
Mean 0.6555
Std Dev 0.2954
Underflow 1
Overflow 7
Integral 218
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

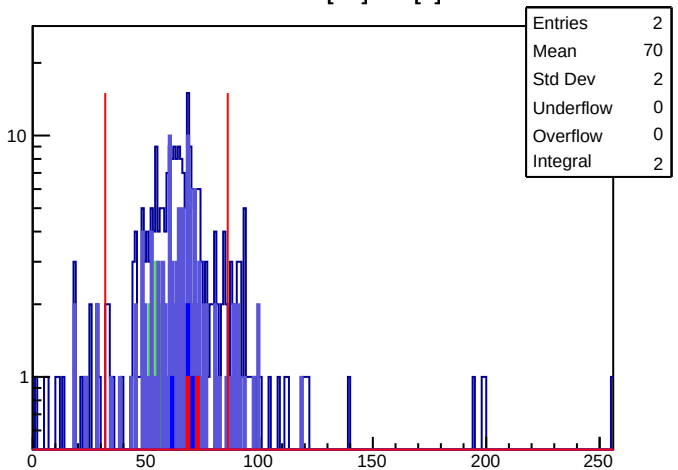

pKurama Sch[21]-Tof[9]
Entries 226
Mean 0.8051
Std Dev 0.1045
Underflow 0
Overflow 0
Integral 226
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

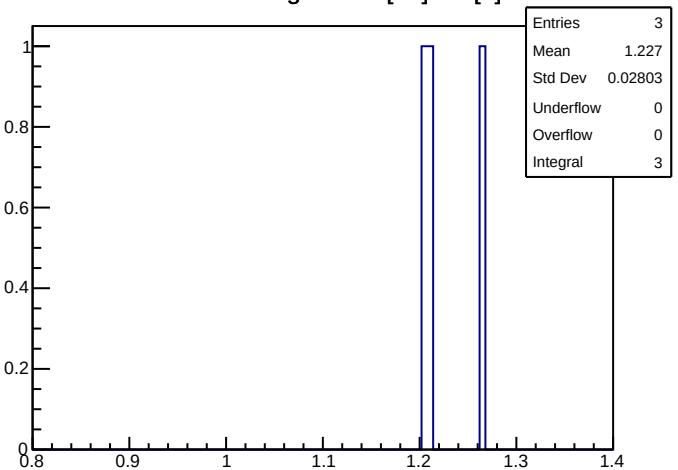

sftx all Sch[21]-Tof[10]
Entries 9
Mean 50.56
Std Dev 6.5
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

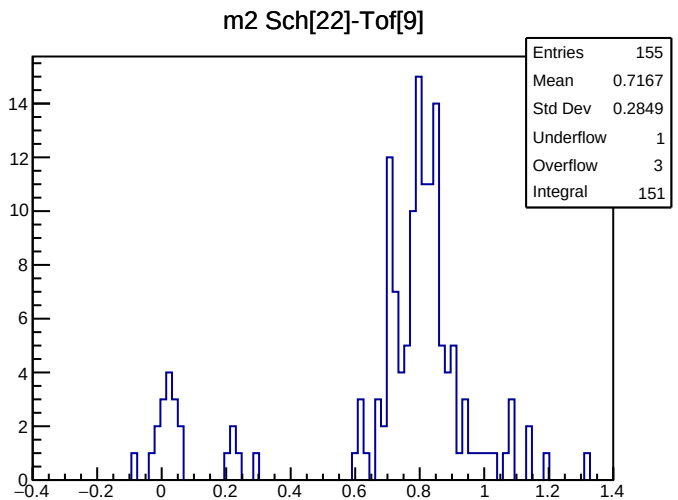

MissMass Sigma Sch[21]-Tof[10]
Entries 10
Mean 1.199
Std Dev 0.0336
Underflow 0
Overflow 0
Integral 10
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

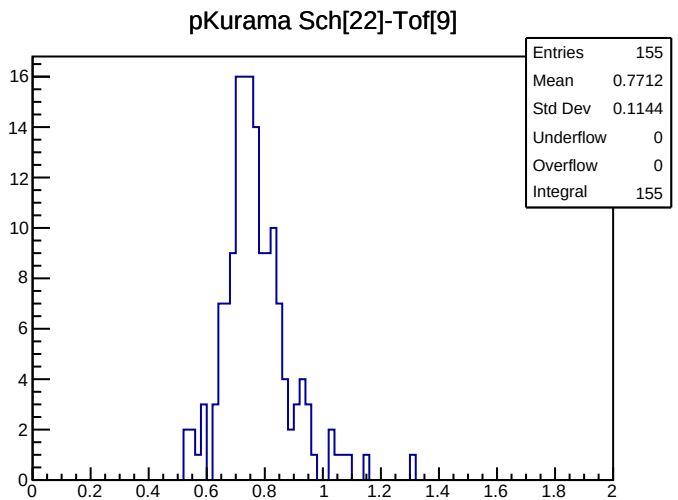

m2 Sch[21]-Tof[10]
Entries 410
Mean 0.716
Std Dev 0.2611
Underflow 4
Overflow 8
Integral 398
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

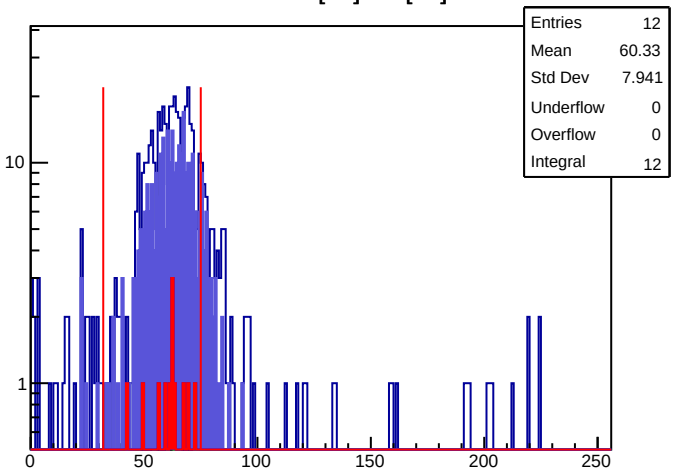

pKurama Sch[21]-Tof[10]
Entries 410
Mean 0.9088
Std Dev 0.1146
Underflow 0
Overflow 0
Integral 410
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

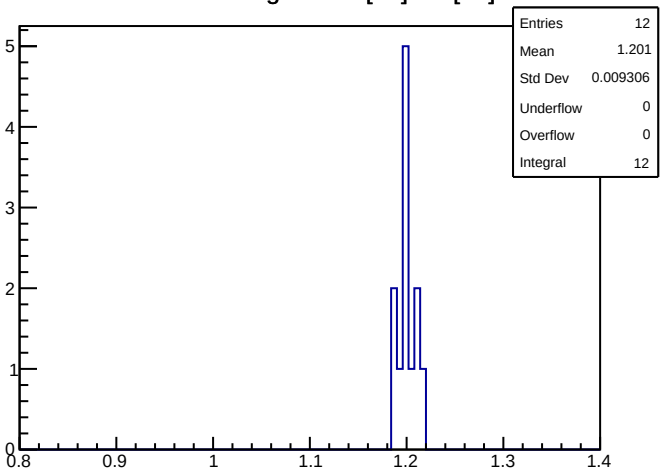

sftx all Sch[22]-Tof[9]
Entries 2
Mean 70
Std Dev 2
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

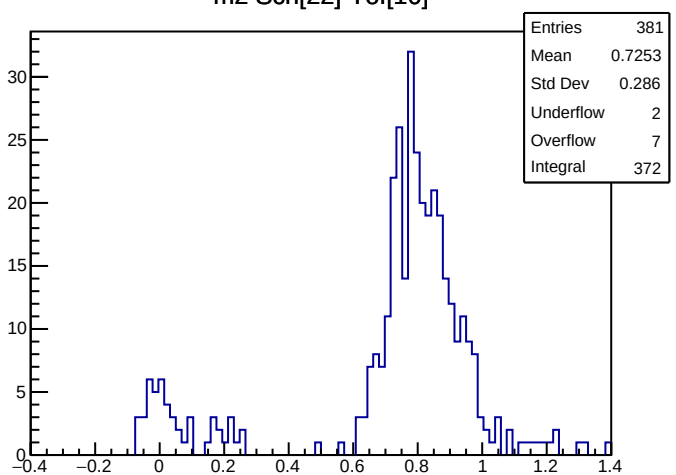

MissMass Sigma Sch[22]-Tof[9]
Entries 3
Mean 1.227
Std Dev 0.02803
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

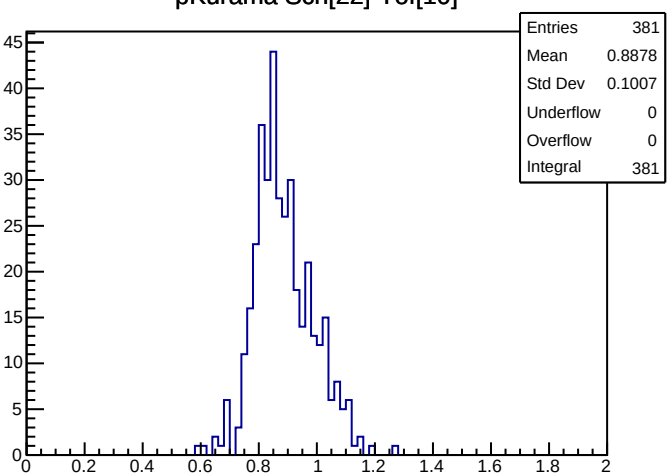

m2 Sch[22]-Tof[9]
Entries 155
Mean 0.7167
Std Dev 0.2849
Underflow 1
Overflow 3
Integral 151
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

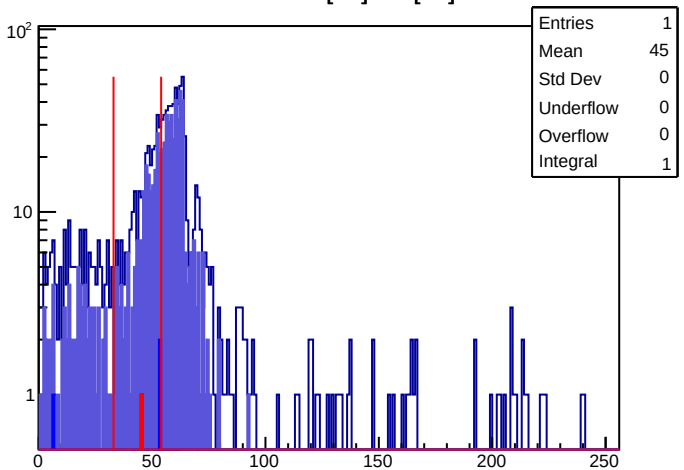

pKurama Sch[22]-Tof[9]
Entries 155
Mean 0.7712
Std Dev 0.1144
Underflow 0
Overflow 0
Integral 155
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

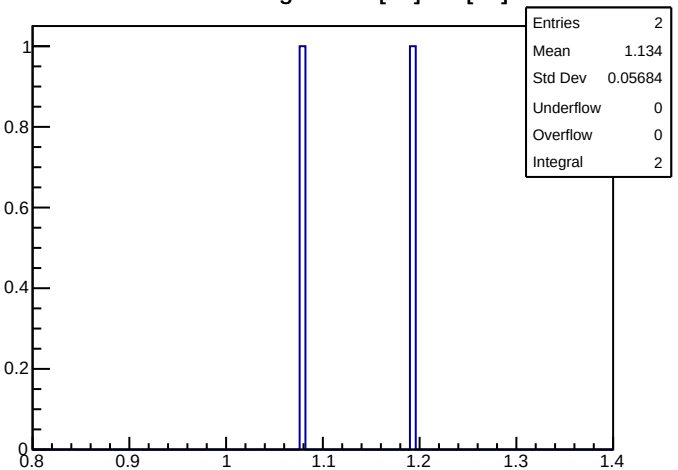

sftx all Sch[22]-Tof[10]
Entries 12
Mean 60.33
Std Dev 7.941
Underflow 0
Overflow 0
Integral 12
10
1
0
50
100
150
200
250

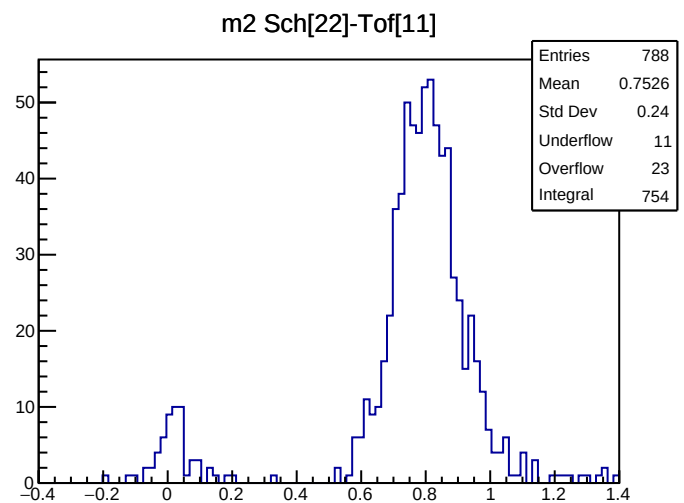

MissMass Sigma Sch[22]-Tof[10]
Entries 12
Mean 1.201
Std Dev 0.009306
Underflow 0
Overflow 0
Integral 12
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

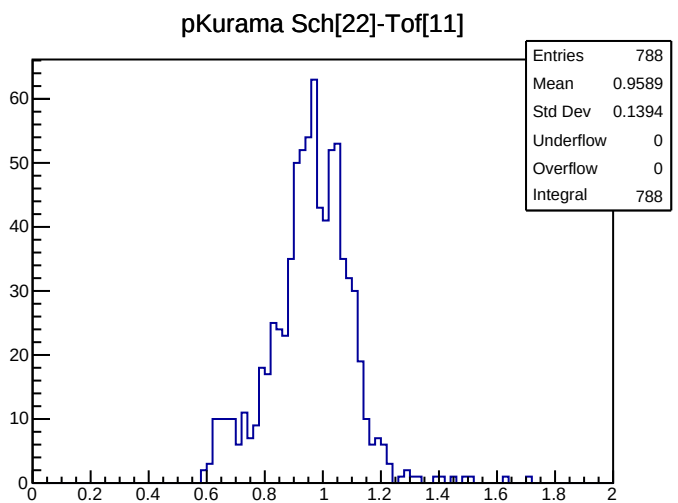

m2 Sch[22]-Tof[10]
Entries 381
Mean 0.7253
Std Dev 0.286
Underflow 2
Overflow 7
Integral 372
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

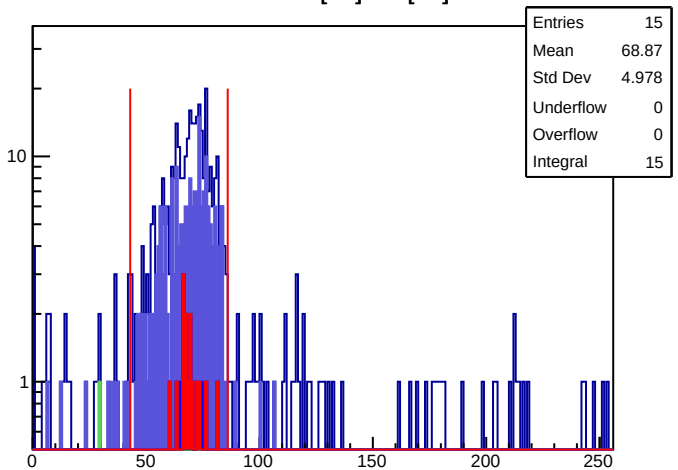

pKurama Sch[22]-Tof[10]
Entries 381
Mean 0.8878
Std Dev 0.1007
Underflow 0
Overflow 0
Integral 381
45
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

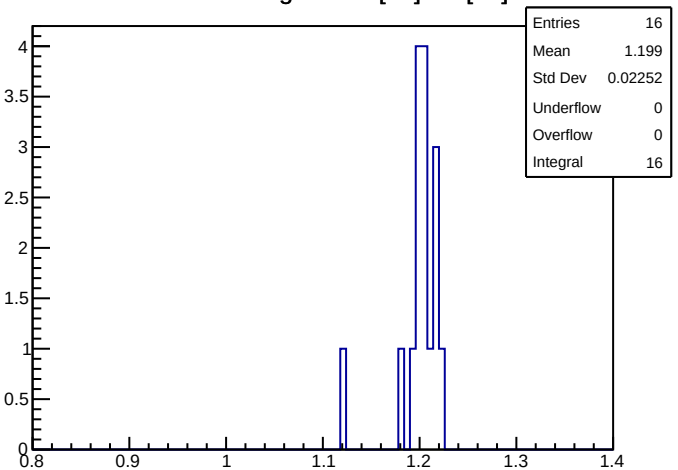

sftx all Sch[22]-Tof[11]
Entries 1
Mean 45
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10^2
10
1
0
50
100
150
200
250

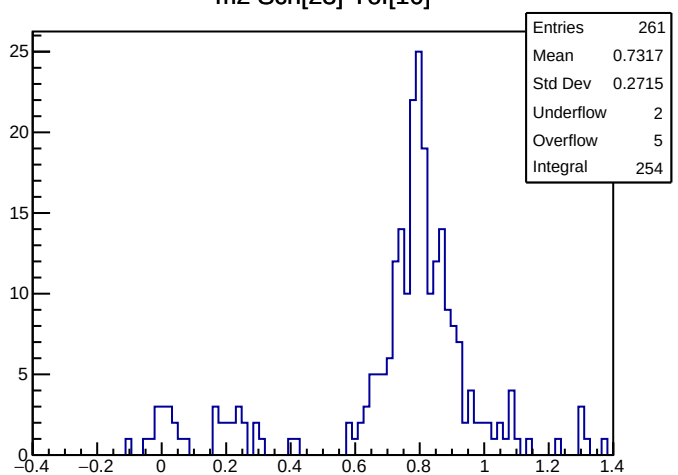

MissMass Sigma Sch[22]-Tof[11]
Entries 2
Mean 1.134
Std Dev 0.05684
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

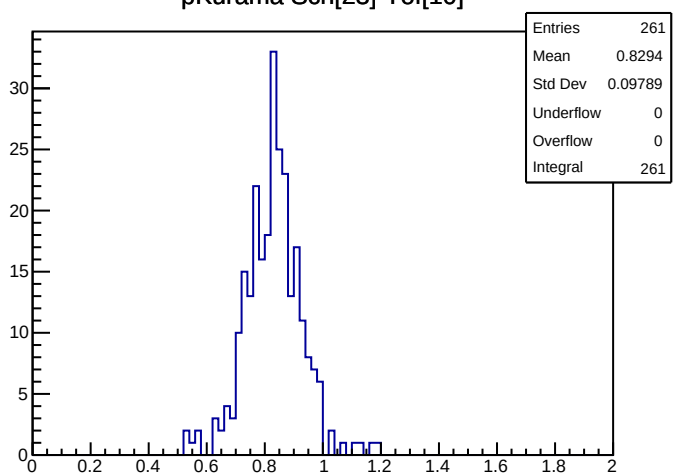

m2 Sch[22]-Tof[11]
Entries 788
Mean 0.7526
Std Dev 0.24
Underflow 11
Overflow 23
Integral 754
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

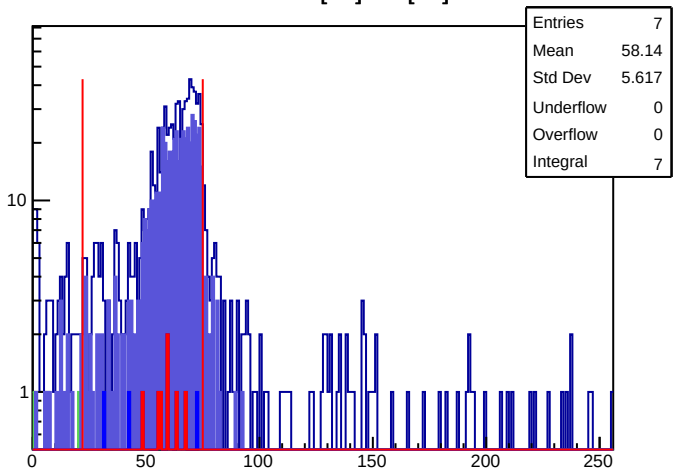

pKurama Sch[22]-Tof[11]
Entries 788
Mean 0.9589
Std Dev 0.1394
Underflow 0
Overflow 0
Integral 788
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

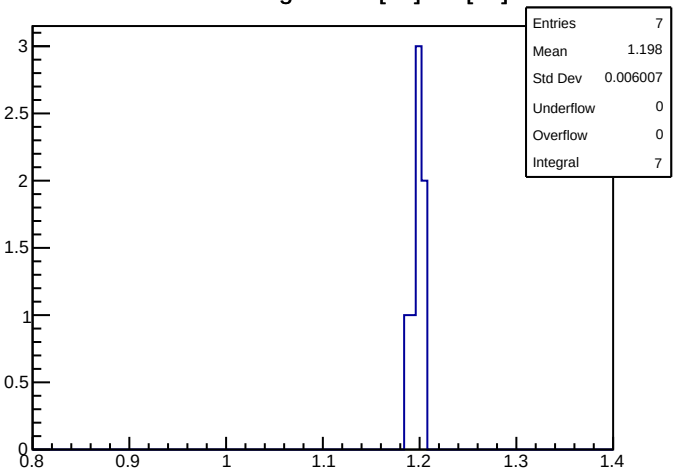

sftx all Sch[23]-Tof[10]
Entries 15
Mean 68.87
Std Dev 4.978
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

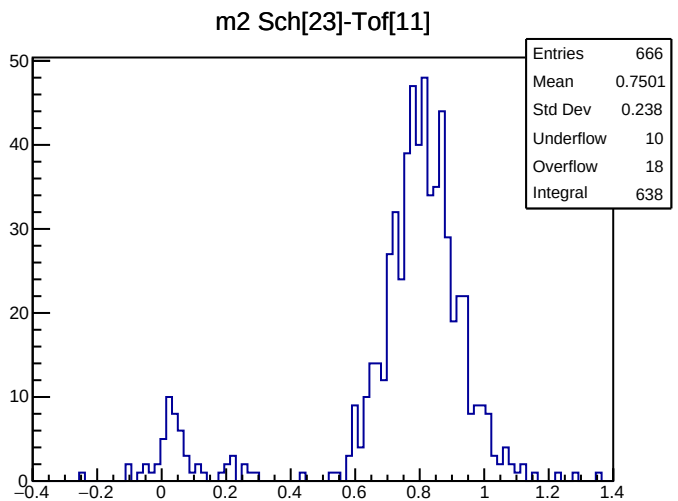

MissMass Sigma Sch[23]-Tof[10]
Entries 16
Mean 1.199
Std Dev 0.02252
Underflow 0
Overflow 0
Integral 16
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

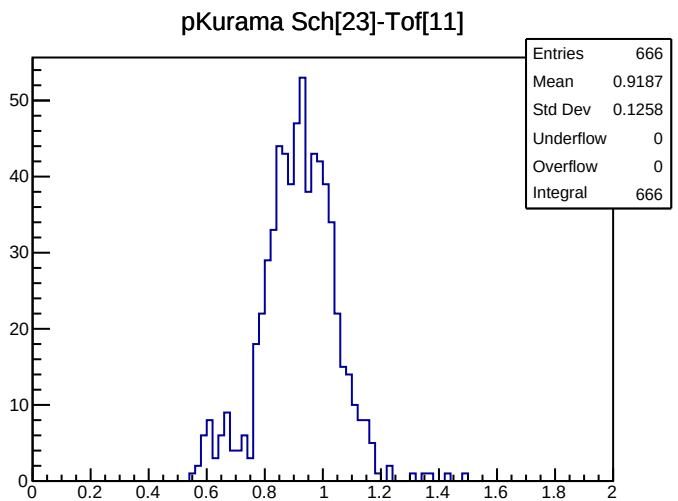

m2 Sch[23]-Tof[10]
Entries 261
Mean 0.7317
Std Dev 0.2715
Underflow 2
Overflow 5
Integral 254
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

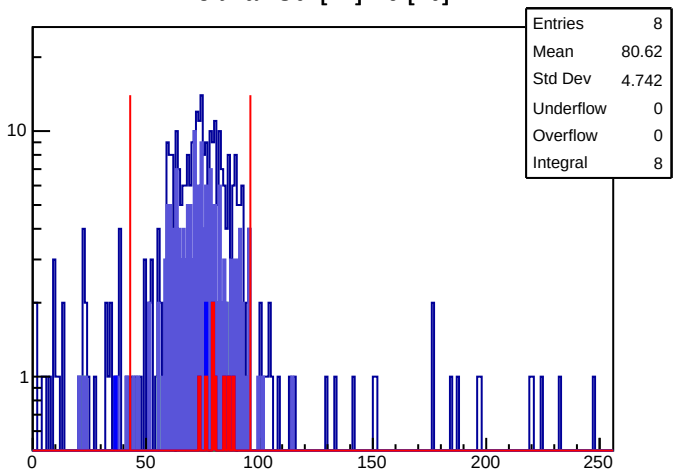

pKurama Sch[23]-Tof[10]
Entries 261
Mean 0.8294
Std Dev 0.09789
Underflow 0
Overflow 0
Integral 261
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

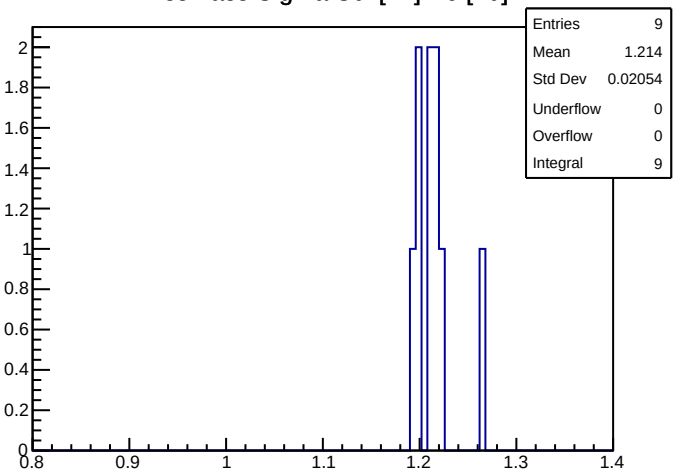

sftx all Sch[23]-Tof[11]
Entries 7
Mean 58.14
Std Dev 5.617
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

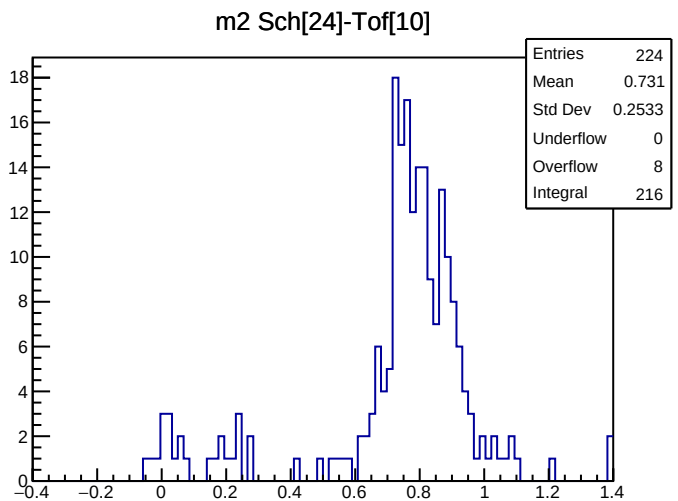

MissMass Sigma Sch[23]-Tof[11]
Entries 7
Mean 1.198
Std Dev 0.006007
Underflow 0
Overflow 0
Integral 7
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

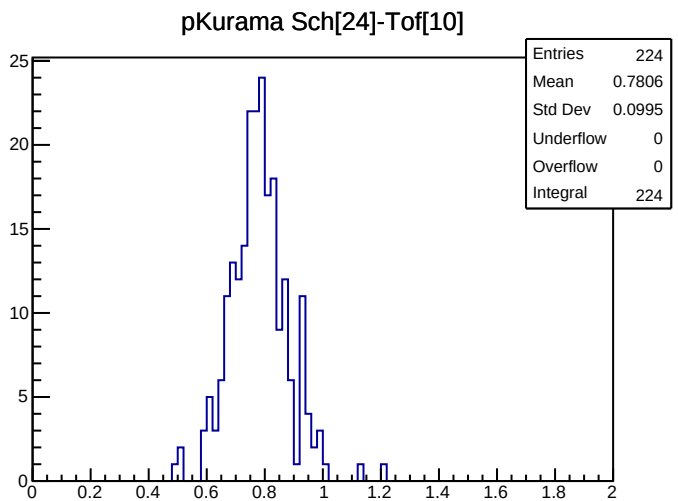

m2 Sch[23]-Tof[11]
Entries 666
Mean 0.7501
Std Dev 0.238
Underflow 10
Overflow 18
Integral 638
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

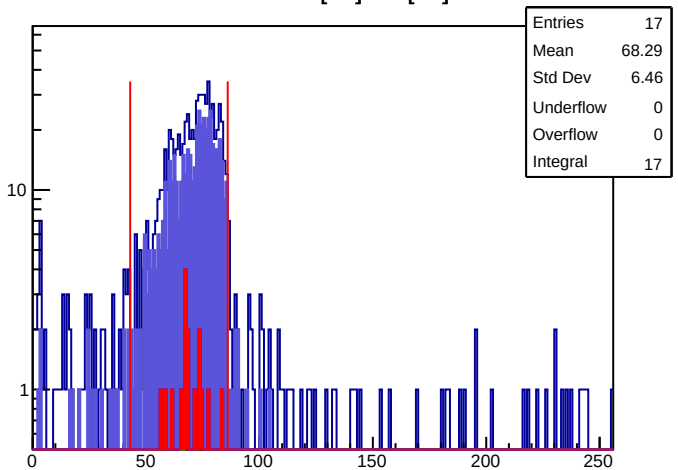

pKurama Sch[23]-Tof[11]
Entries 666
Mean 0.9187
Std Dev 0.1258
Underflow 0
Overflow 0
Integral 666
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

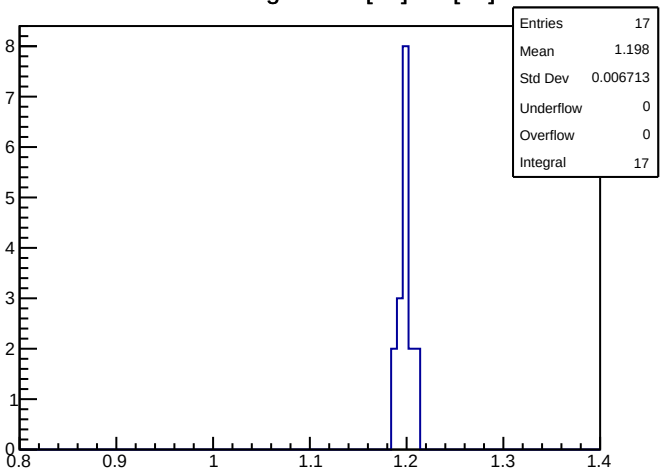

sftx all Sch[24]-Tof[10]
Entries 8
Mean 80.62
Std Dev 4.742
Underflow 0
Overflow 0
Integral 8

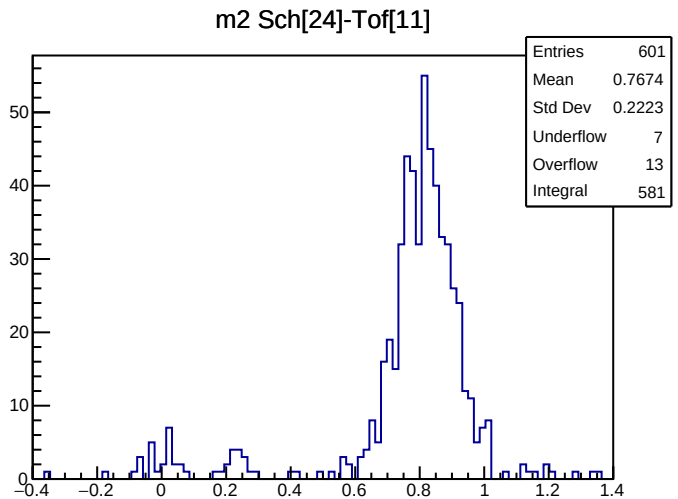

MissMass Sigma Sch[24]-Tof[10]
Entries 9
Mean 1.214
Std Dev 0.02054
Underflow 0
Overflow 0
Integral 9

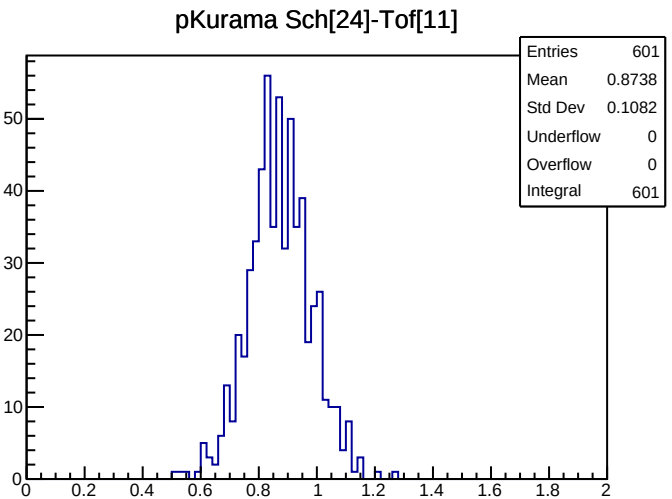

m2 Sch[24]-Tof[10]
Entries 224
Mean 0.731
Std Dev 0.2533
Underflow 0
Overflow 8
Integral 216

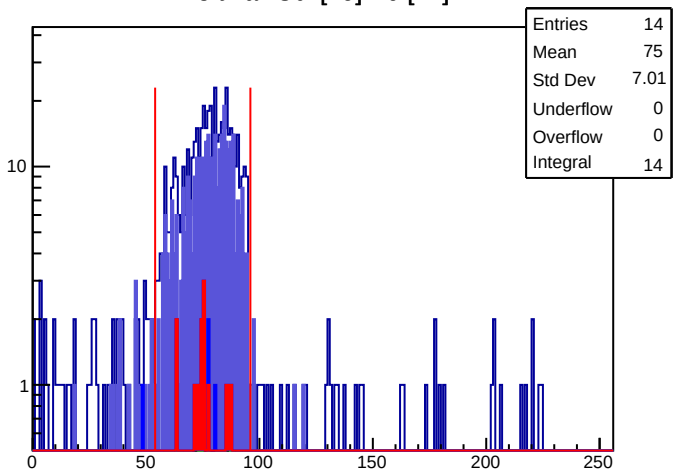

pKurama Sch[24]-Tof[10]
Entries 224
Mean 0.7806
Std Dev 0.0995
Underflow 0
Overflow 0
Integral 224

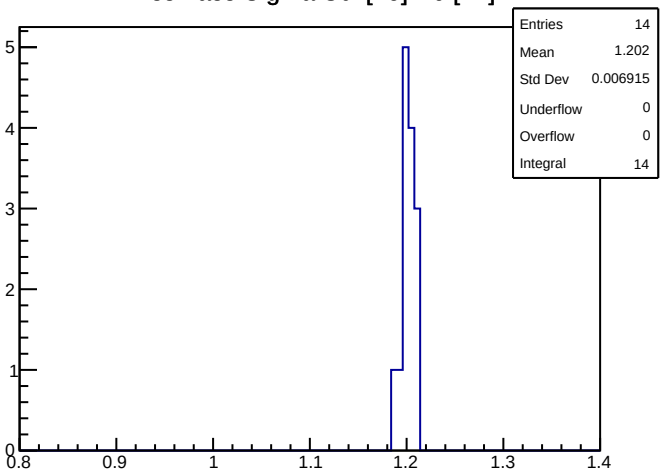

sftx all Sch[24]-Tof[11]
Entries 17
Mean 68.29
Std Dev 6.46
Underflow 0
Overflow 0
Integral 17
10
1
0
50
100
150
200
250

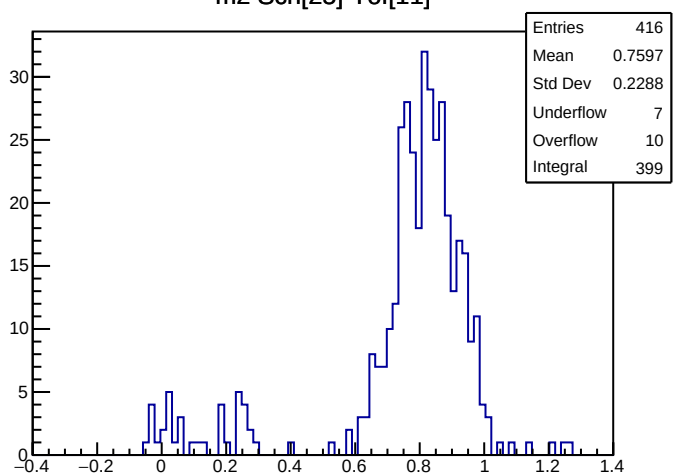

MissMass Sigma Sch[24]-Tof[11]
Entries 17
Mean 1.198
Std Dev 0.006713
Underflow 0
Overflow 0
Integral 17
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

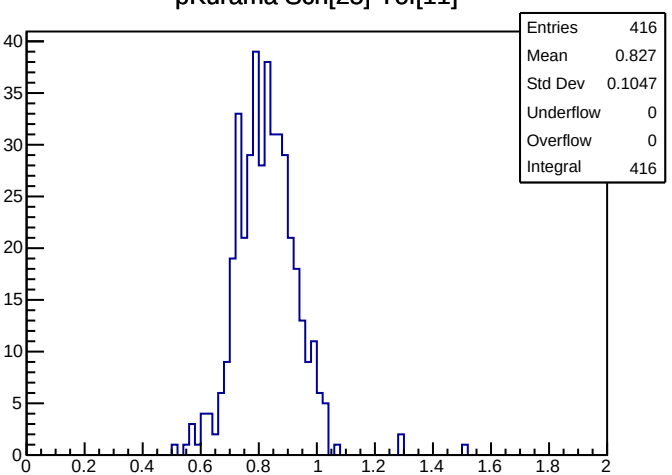

m2 Sch[24]-Tof[11]
Entries 601
Mean 0.7674
Std Dev 0.2223
Underflow 7
Overflow 13
Integral 581
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

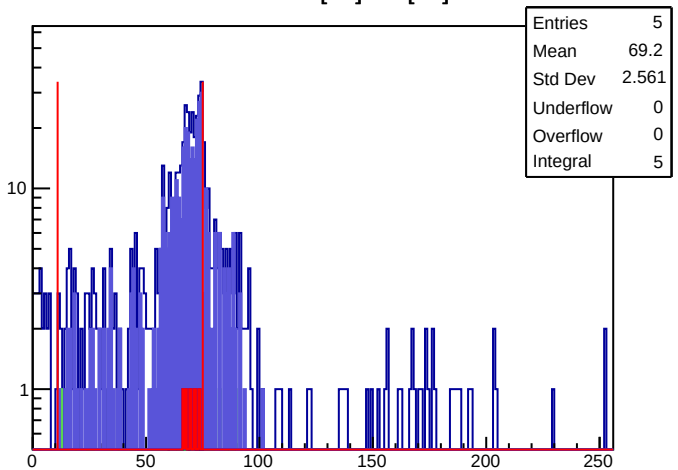

pKurama Sch[24]-Tof[11]
Entries 601
Mean 0.8738
Std Dev 0.1082
Underflow 0
Overflow 0
Integral 601
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

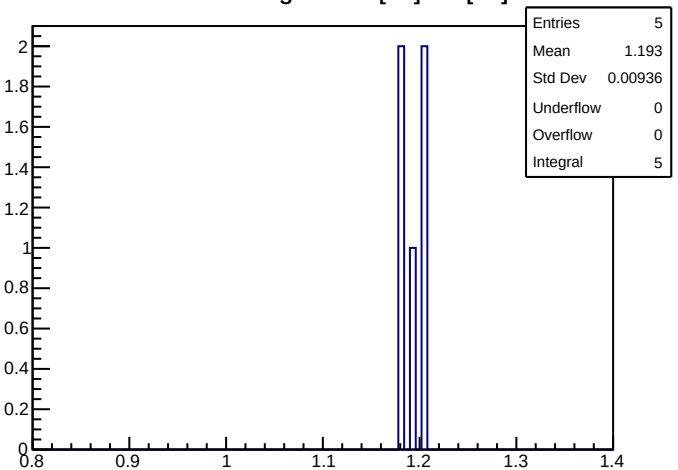

sftx all Sch[25]-Tof[11]
Entries 14
Mean 75
Std Dev 7.01
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

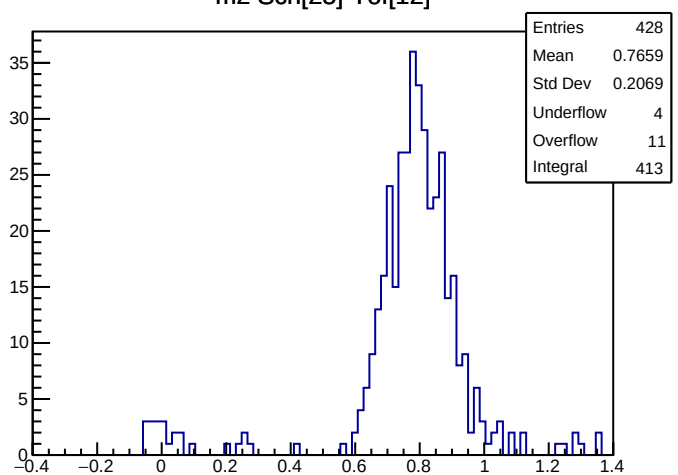

MissMass Sigma Sch[25]-Tof[11]
Entries 14
Mean 1.202
Std Dev 0.006915
Underflow 0
Overflow 0
Integral 14
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

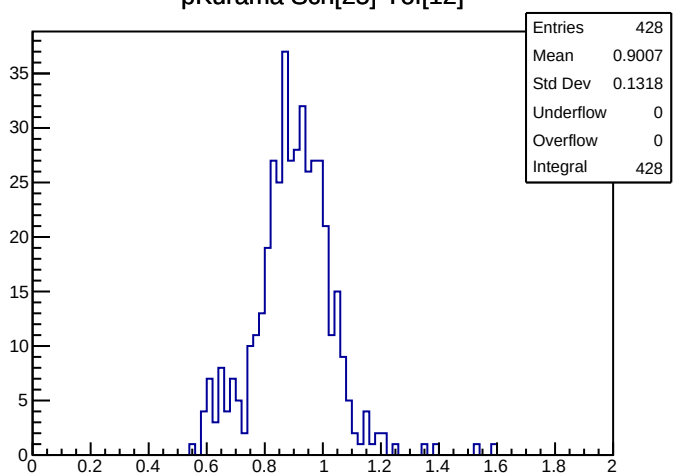

m2 Sch[25]-Tof[11]
Entries 416
Mean 0.7597
Std Dev 0.2288
Underflow 7
Overflow 10
Integral 399
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

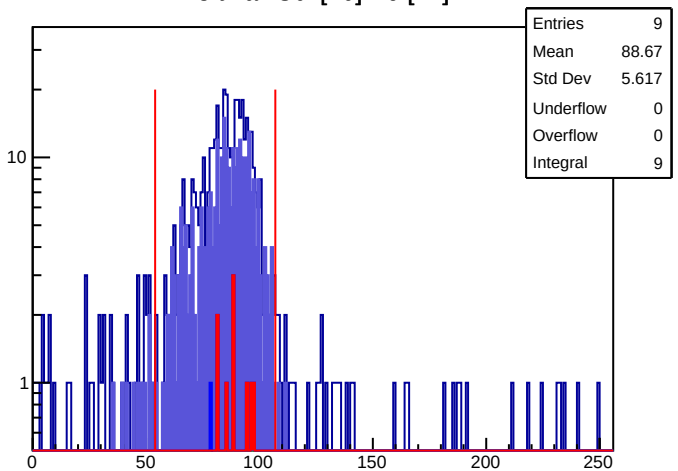

pKurama Sch[25]-Tof[11]
Entries 416
Mean 0.827
Std Dev 0.1047
Underflow 0
Overflow 0
Integral 416
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

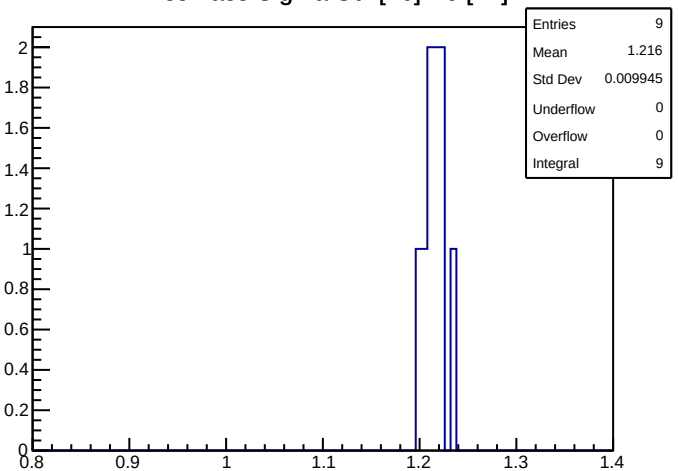

sftx all Sch[25]-Tof[12]
Entries 5
Mean 69.2
Std Dev 2.561
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

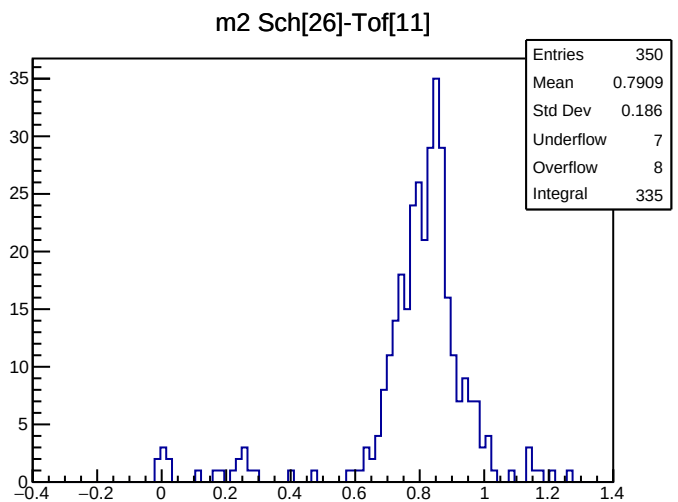

MissMass Sigma Sch[25]-Tof[12]
Entries 5
Mean 1.193
Std Dev 0.00936
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

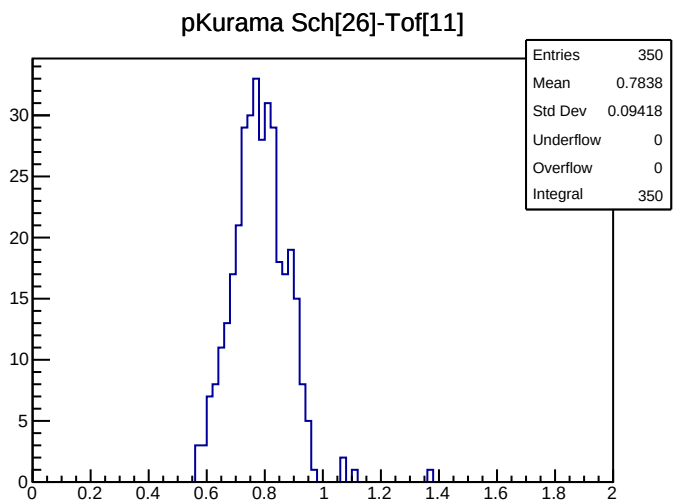

m2 Sch[25]-Tof[12]
Entries 428
Mean 0.7659
Std Dev 0.2069
Underflow 4
Overflow 11
Integral 413
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

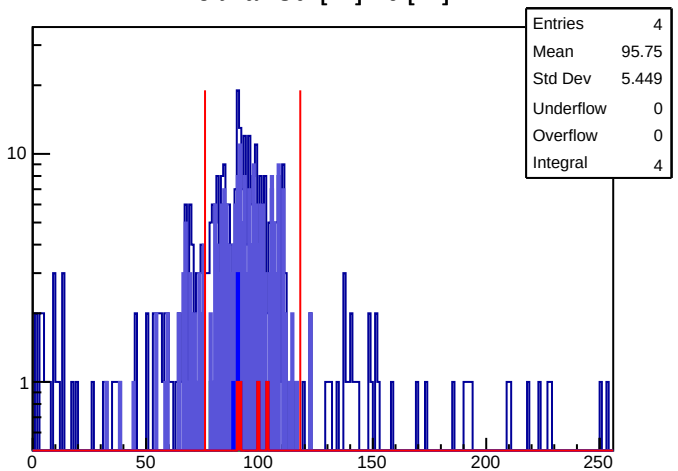

pKurama Sch[25]-Tof[12]
Entries 428
Mean 0.9007
Std Dev 0.1318
Underflow 0
Overflow 0
Integral 428
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

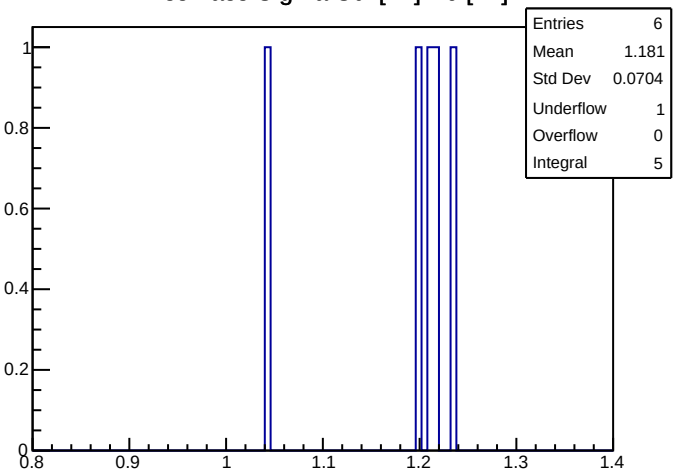

sftx all Sch[26]-Tof[11]
Entries 9
Mean 88.67
Std Dev 5.617
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

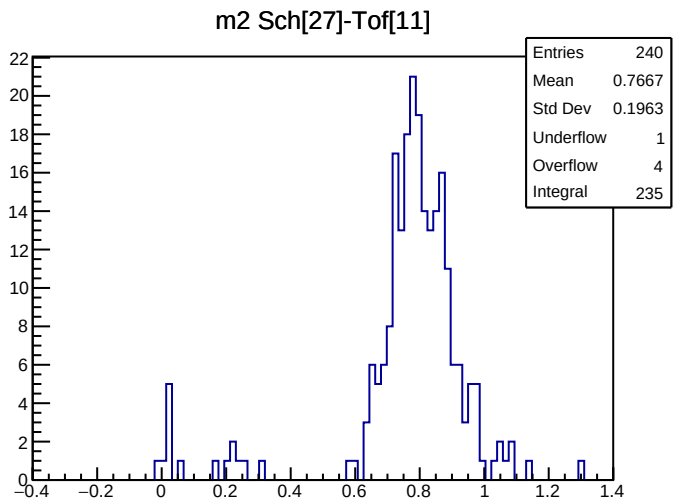

MissMass Sigma Sch[26]-Tof[11]
Entries 9
Mean 1.216
Std Dev 0.009945
Underflow 0
Overflow 0
Integral 9
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

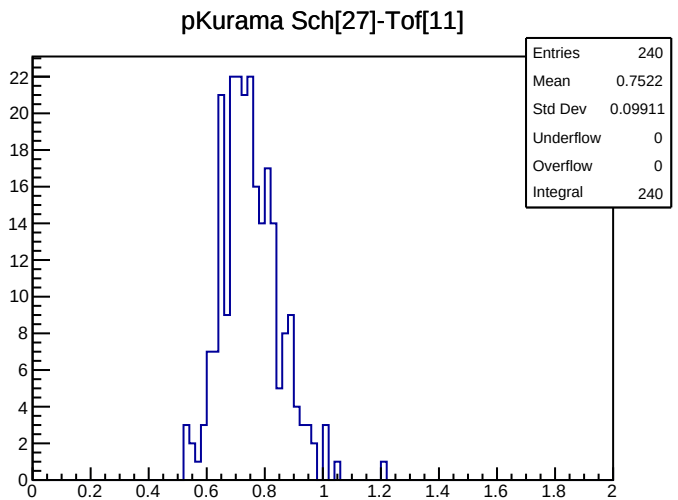

m2 Sch[26]-Tof[11]
Entries 350
Mean 0.7909
Std Dev 0.186
Underflow 7
Overflow 8
Integral 335
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

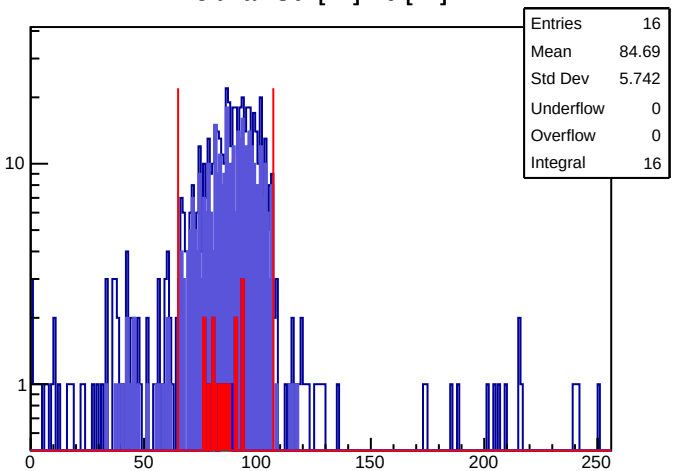

pKurama Sch[26]-Tof[11]
Entries 350
Mean 0.7838
Std Dev 0.09418
Underflow 0
Overflow 0
Integral 350
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

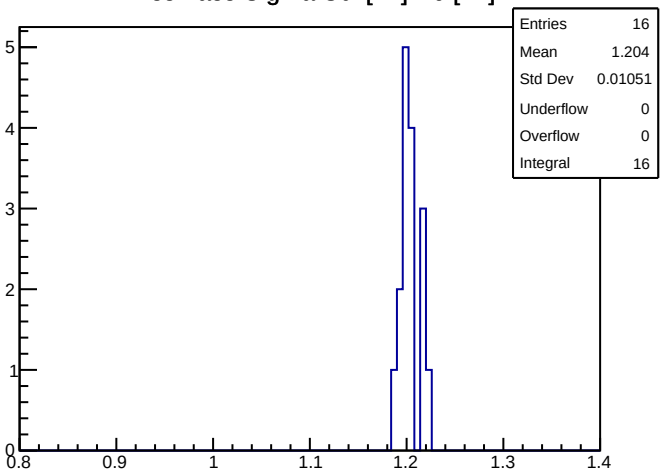

sftx all Sch[27]-Tof[11]
Entries 4
Mean 95.75
Std Dev 5.449
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

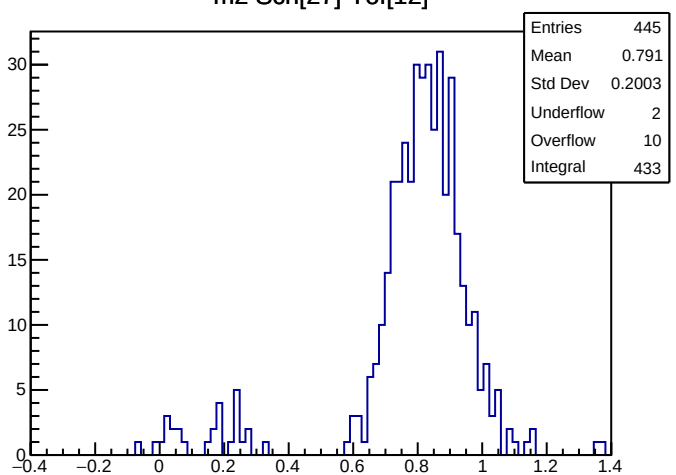

MissMass Sigma Sch[27]-Tof[11]
Entries 6
Mean 1.181
Std Dev 0.0704
Underflow 1
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

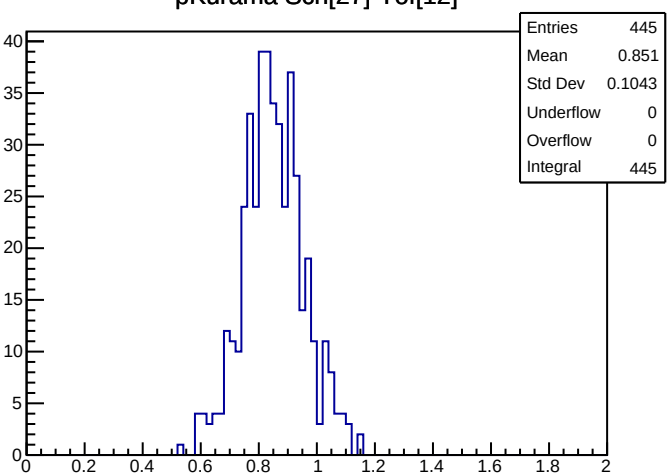

m2 Sch[27]-Tof[11]
Entries 240
Mean 0.7667
Std Dev 0.1963
Underflow 1
Overflow 4
Integral 235
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

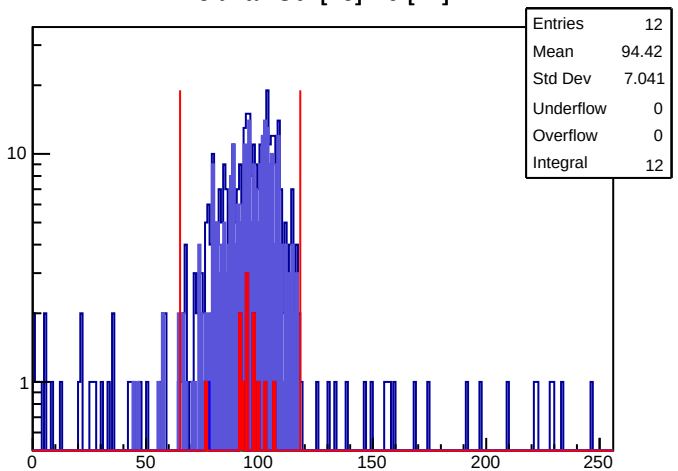

pKurama Sch[27]-Tof[11]
Entries 240
Mean 0.7522
Std Dev 0.09911
Underflow 0
Overflow 0
Integral 240
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

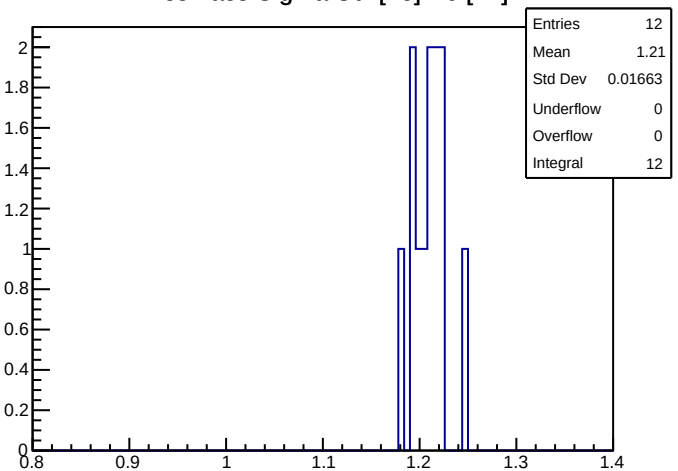

sftx all Sch[27]-Tof[12]
Entries 16
Mean 84.69
Std Dev 5.742
Underflow 0
Overflow 0
Integral 16
10
1
0
50
100
150
200
250

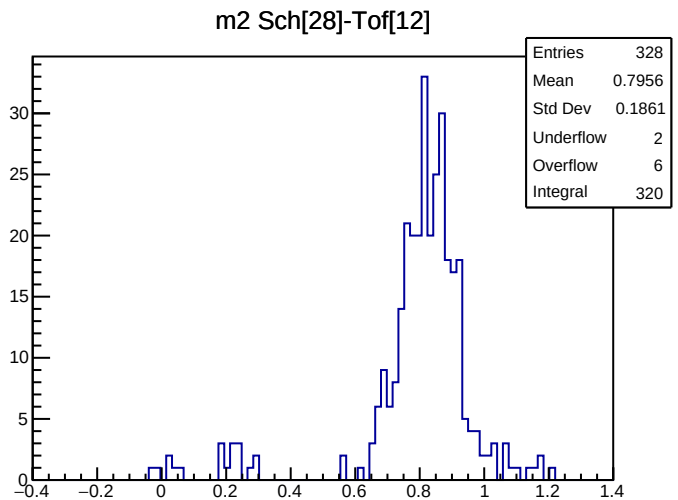

MissMass Sigma Sch[27]-Tof[12]
Entries 16
Mean 1.204
Std Dev 0.01051
Underflow 0
Overflow 0
Integral 16
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

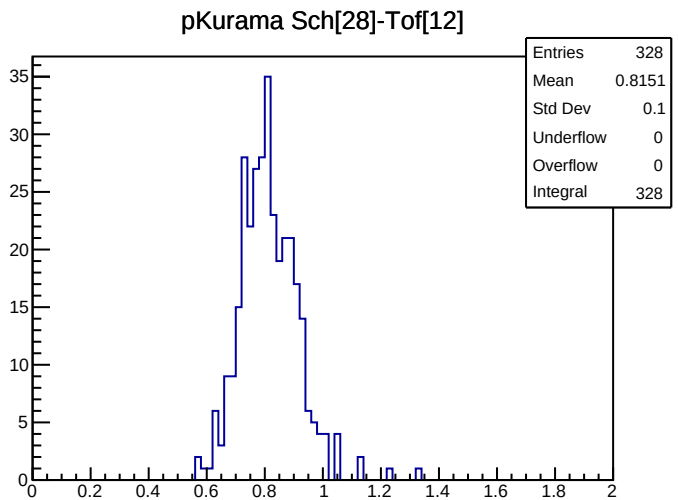

m2 Sch[27]-Tof[12]
Entries 445
Mean 0.791
Std Dev 0.2003
Underflow 2
Overflow 10
Integral 433
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

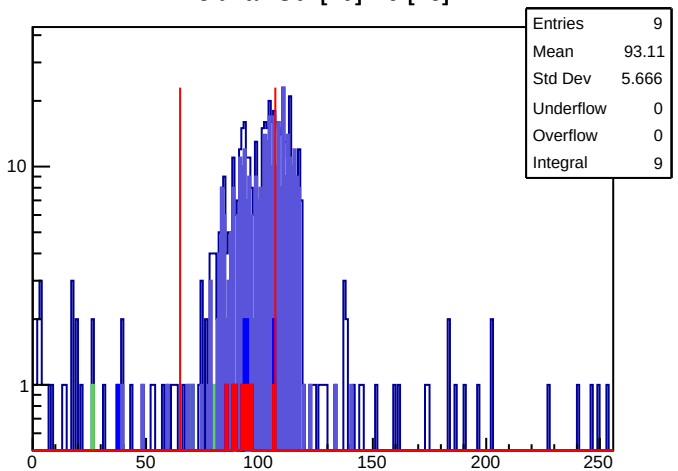

pKurama Sch[27]-Tof[12]
Entries 445
Mean 0.851
Std Dev 0.1043
Underflow 0
Overflow 0
Integral 445
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

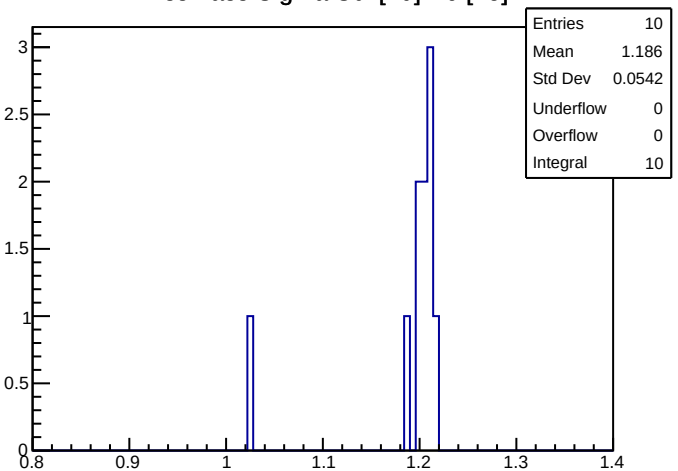

sftx all Sch[28]-Tof[12]
Entries 12
Mean 94.42
Std Dev 7.041
Underflow 0
Overflow 0
Integral 12
10
1
0
50
100
150
200
250

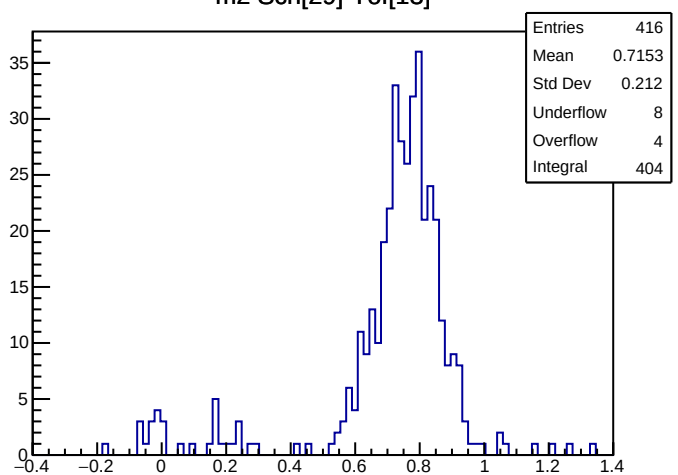

MissMass Sigma Sch[28]-Tof[12]
Entries 12
Mean 1.21
Std Dev 0.01663
Underflow 0
Overflow 0
Integral 12
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

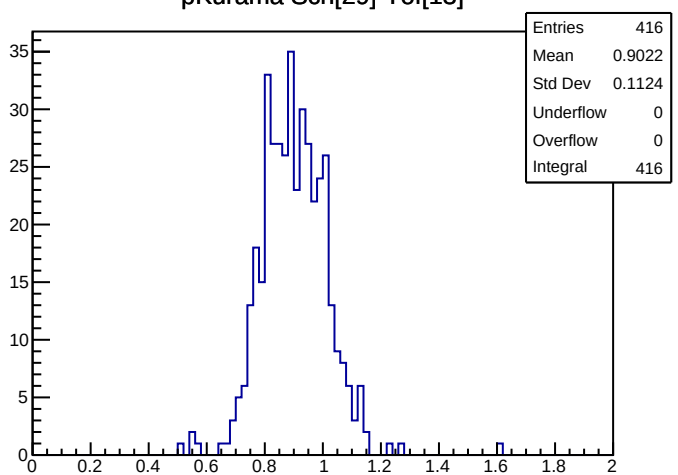

m2 Sch[28]-Tof[12]
Entries 328
Mean 0.7956
Std Dev 0.1861
Underflow 2
Overflow 6
Integral 320
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

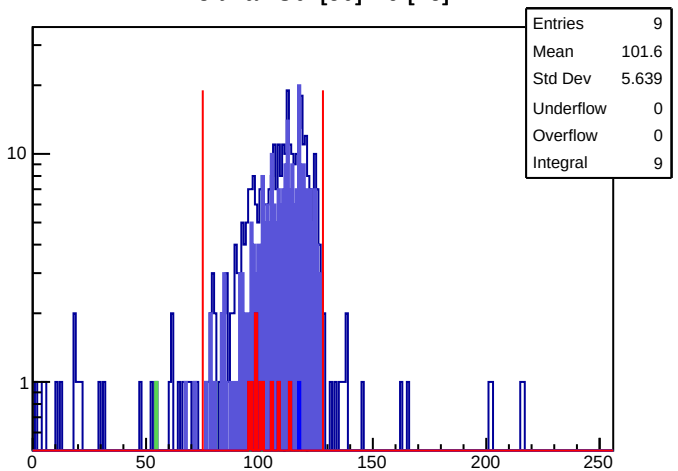

pKurama Sch[28]-Tof[12]
Entries 328
Mean 0.8151
Std Dev 0.1
Underflow 0
Overflow 0
Integral 328
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

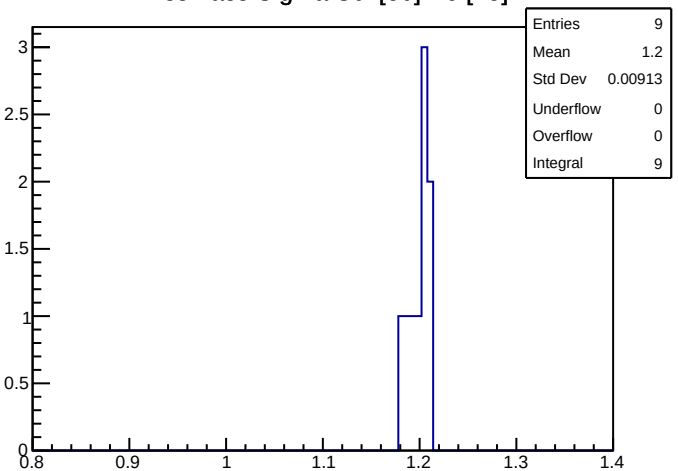

sftx all Sch[29]-Tof[13]
Entries 9
Mean 93.11
Std Dev 5.666
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

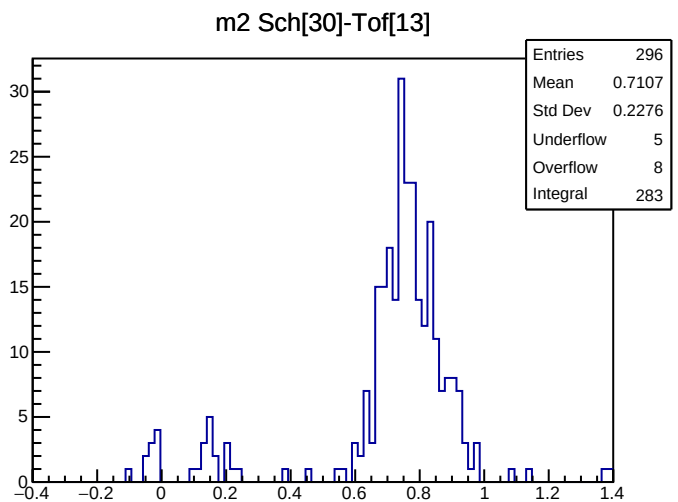

MissMass Sigma Sch[29]-Tof[13]
Entries 10
Mean 1.186
Std Dev 0.0542
Underflow 0
Overflow 0
Integral 10
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

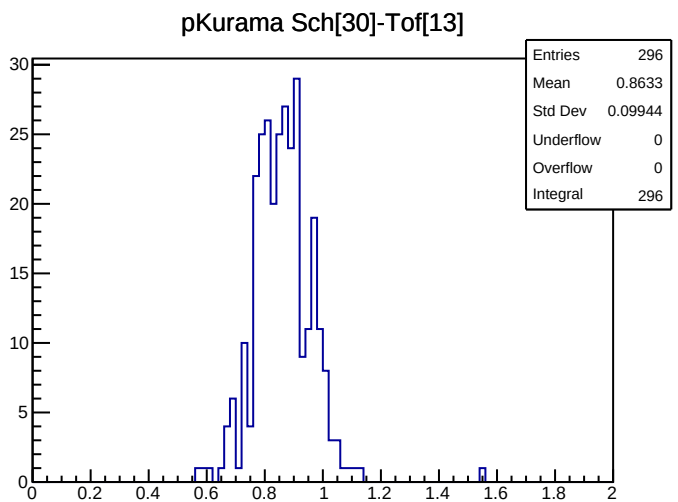

m2 Sch[29]-Tof[13]
Entries 416
Mean 0.7153
Std Dev 0.212
Underflow 8
Overflow 4
Integral 404
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

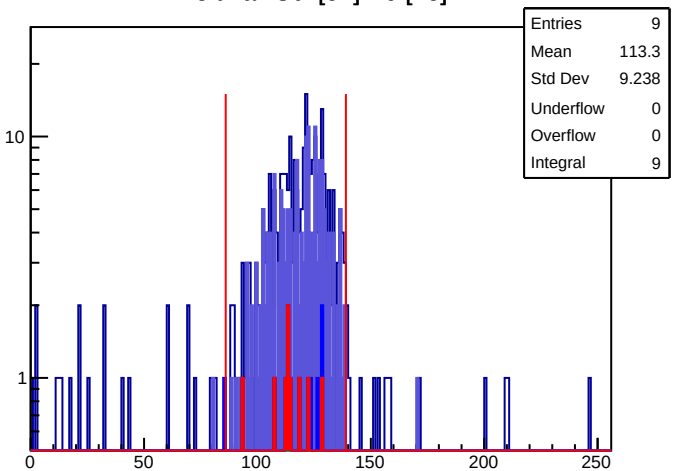

pKurama Sch[29]-Tof[13]
Entries 416
Mean 0.9022
Std Dev 0.1124
Underflow 0
Overflow 0
Integral 416
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

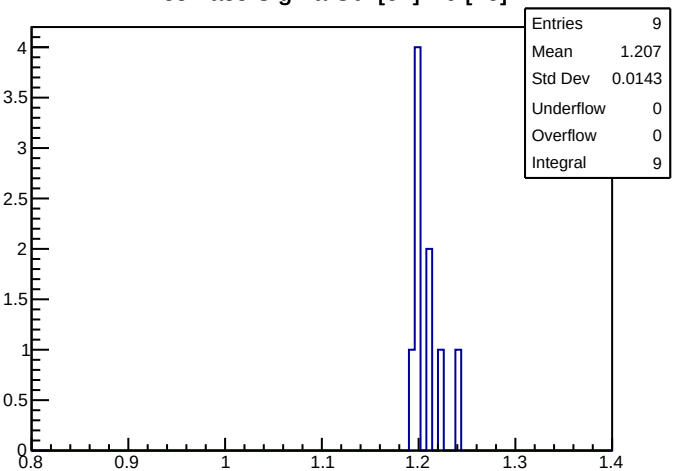

sftx all Sch[30]-Tof[13]
Entries 9
Mean 101.6
Std Dev 5.639
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

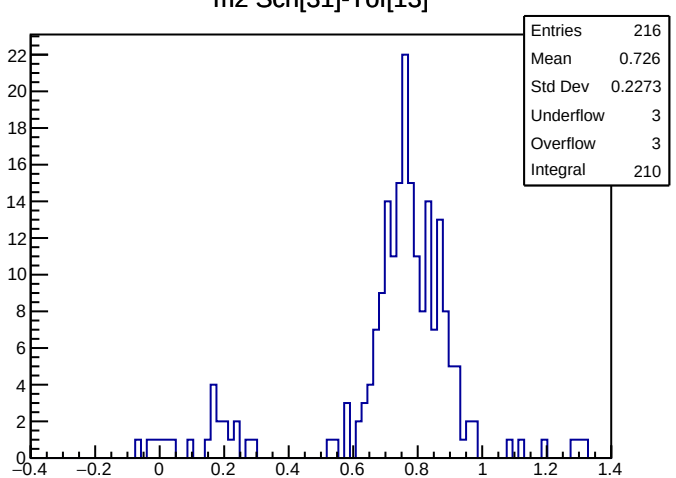

MissMass Sigma Sch[30]-Tof[13]
Entries 9
Mean 1.2
Std Dev 0.00913
Underflow 0
Overflow 0
Integral 9
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

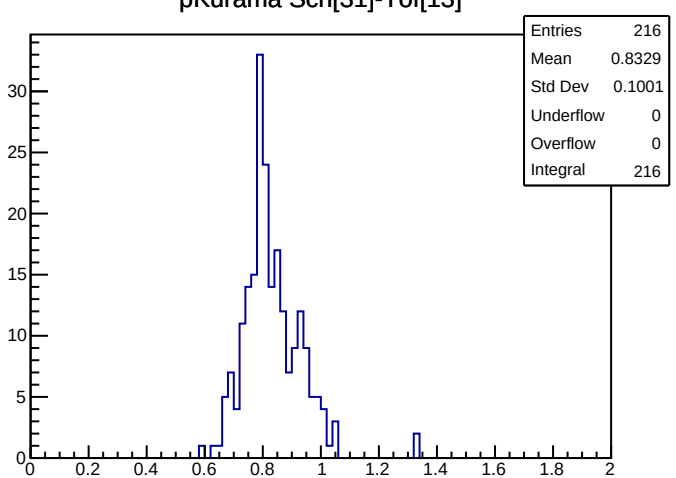

m2 Sch[30]-Tof[13]
Entries 296
Mean 0.7107
Std Dev 0.2276
Underflow 5
Overflow 8
Integral 283
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

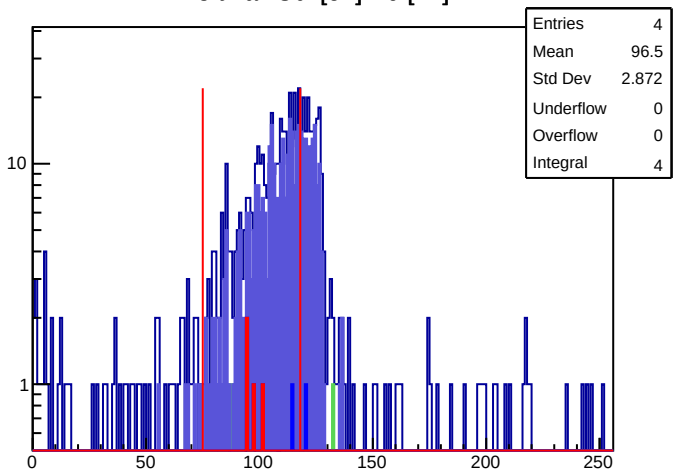

pKurama Sch[30]-Tof[13]
Entries 296
Mean 0.8633
Std Dev 0.09944
Underflow 0
Overflow 0
Integral 296
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

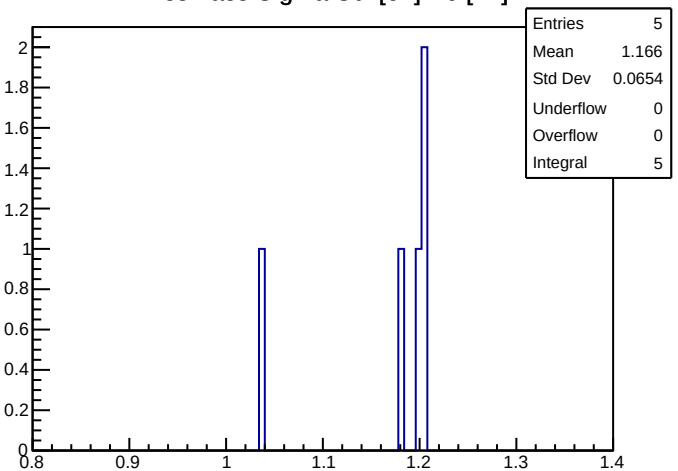

sftx all Sch[31]-Tof[13]
Entries 9
Mean 113.3
Std Dev 9.238
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

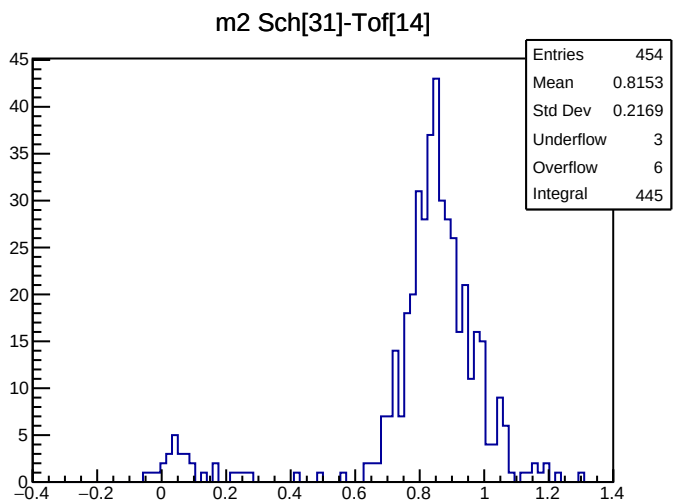

MissMass Sigma Sch[31]-Tof[13]
Entries 9
Mean 1.207
Std Dev 0.0143
Underflow 0
Overflow 0
Integral 9
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

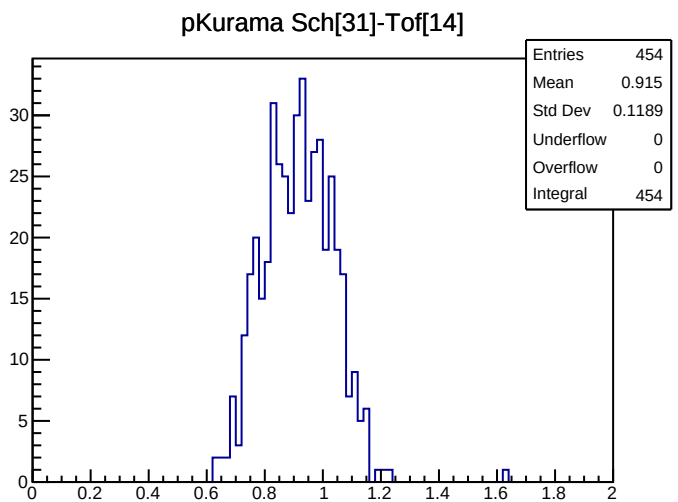

m2 Sch[31]-Tof[13]
Entries 216
Mean 0.726
Std Dev 0.2273
Underflow 3
Overflow 3
Integral 210
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

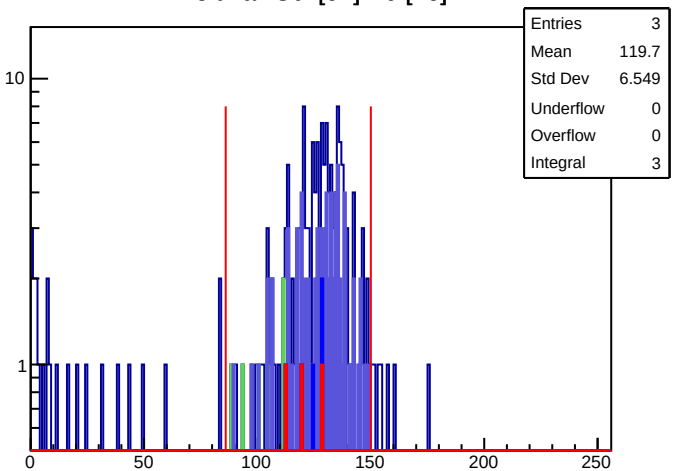

pKurama Sch[31]-Tof[13]
Entries 216
Mean 0.8329
Std Dev 0.1001
Underflow 0
Overflow 0
Integral 216
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

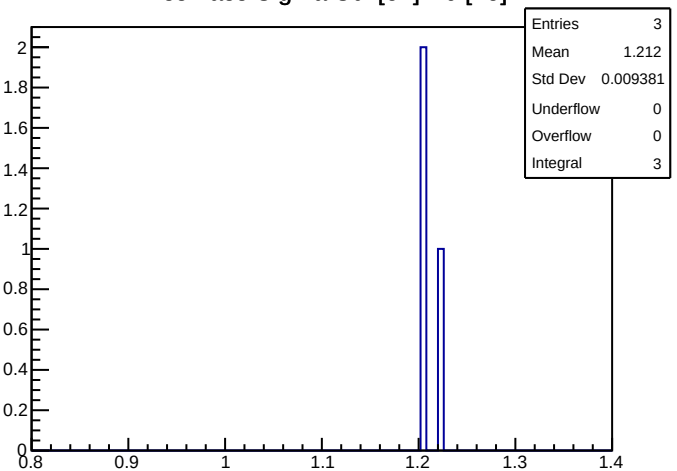

sftx all Sch[31]-Tof[14]
Entries 4
Mean 96.5
Std Dev 2.872
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

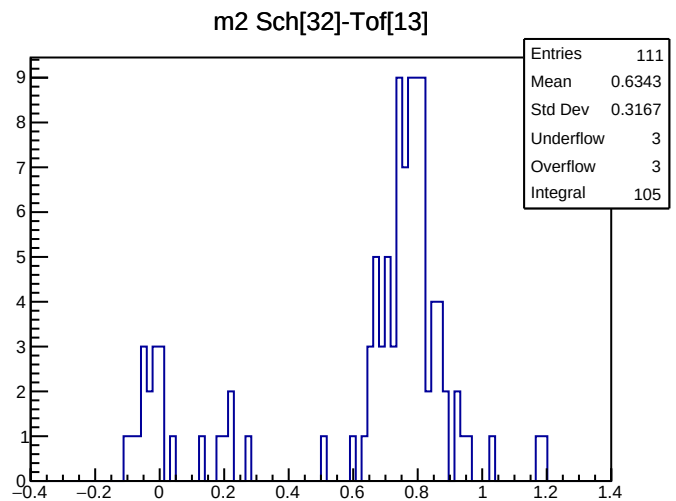

MissMass Sigma Sch[31]-Tof[14]
Entries 5
Mean 1.166
Std Dev 0.0654
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

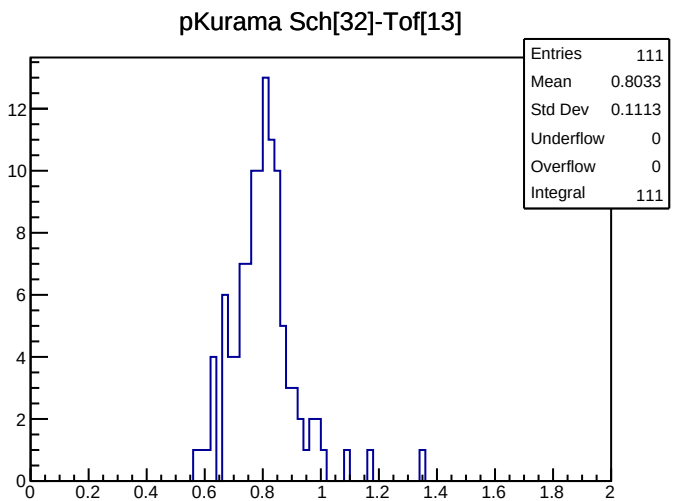

m2 Sch[31]-Tof[14]
Entries 454
Mean 0.8153
Std Dev 0.2169
Underflow 3
Overflow 6
Integral 445
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

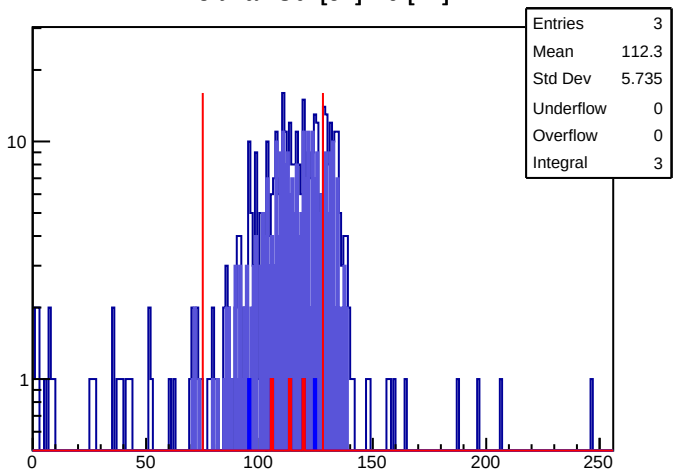

pKurama Sch[31]-Tof[14]
Entries 454
Mean 0.915
Std Dev 0.1189
Underflow 0
Overflow 0
Integral 454
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

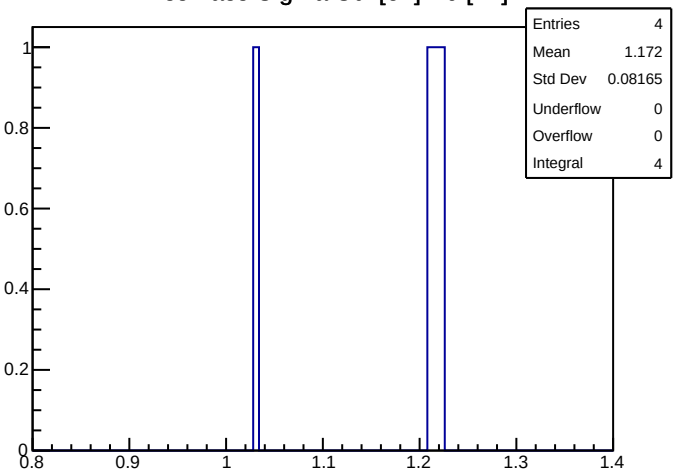

sftx all Sch[32]-Tof[13]
Entries 3
Mean 119.7
Std Dev 6.549
Underflow 0
Overflow 0
Integral 3

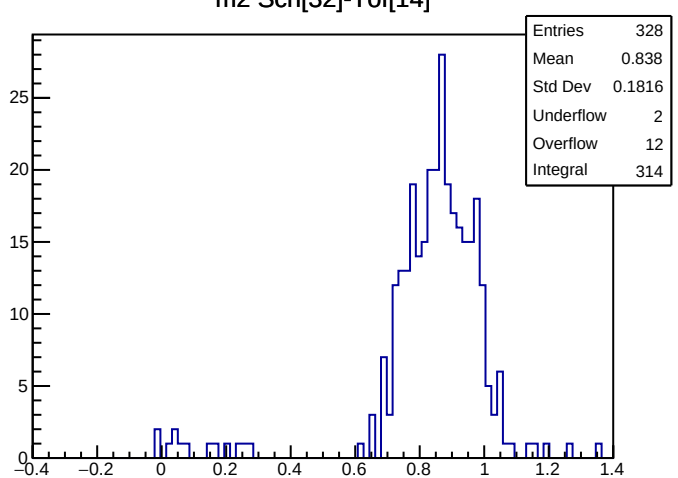

MissMass Sigma Sch[32]-Tof[13]
Entries 3
Mean 1.212
Std Dev 0.009381
Underflow 0
Overflow 0
Integral 3

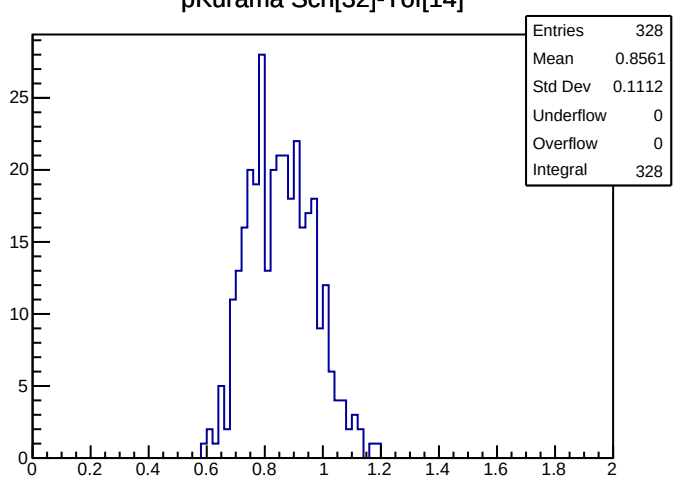

m2 Sch[32]-Tof[13]
Entries 111
Mean 0.6343
Std Dev 0.3167
Underflow 3
Overflow 3
Integral 105

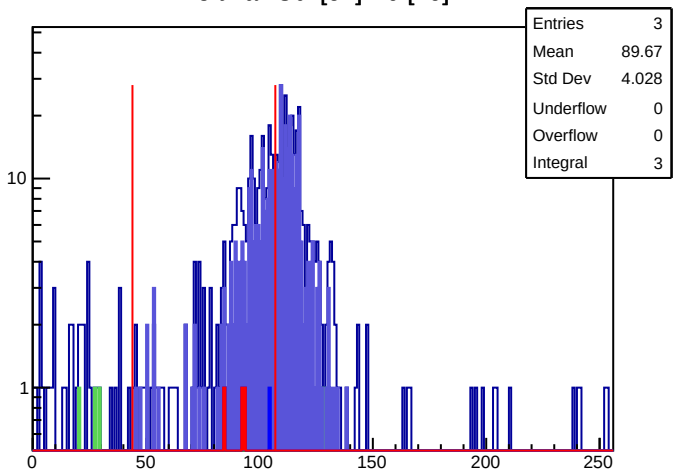

pKurama Sch[32]-Tof[13]
Entries 111
Mean 0.8033
Std Dev 0.1113
Underflow 0
Overflow 0
Integral 111

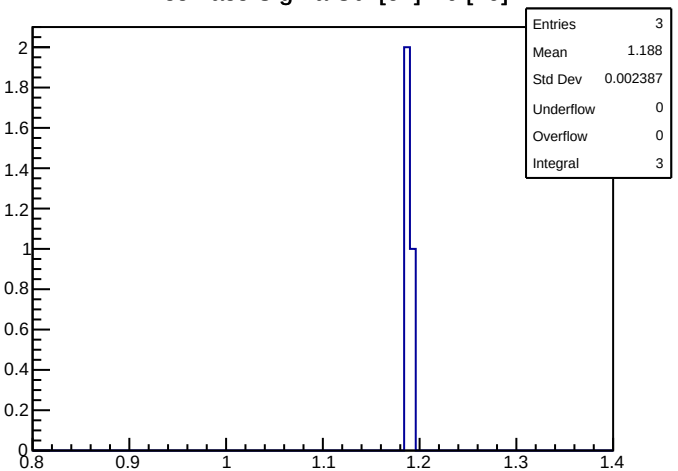

sftx all Sch[32]-Tof[14]
Entries 3
Mean 112.3
Std Dev 5.735
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

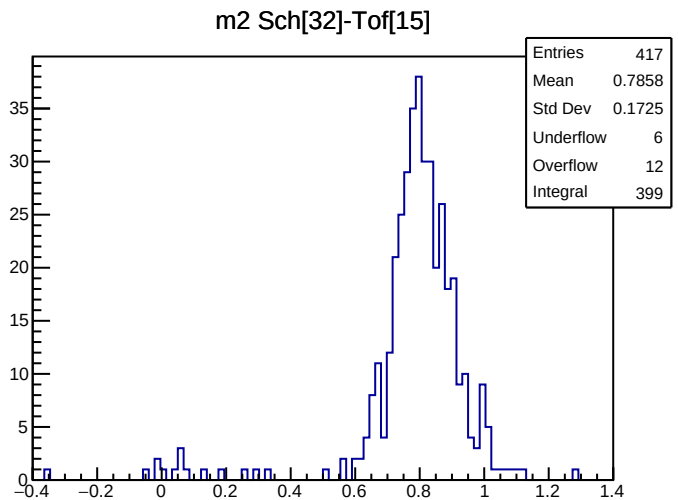

MissMass Sigma Sch[32]-Tof[14]
Entries 4
Mean 1.172
Std Dev 0.08165
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

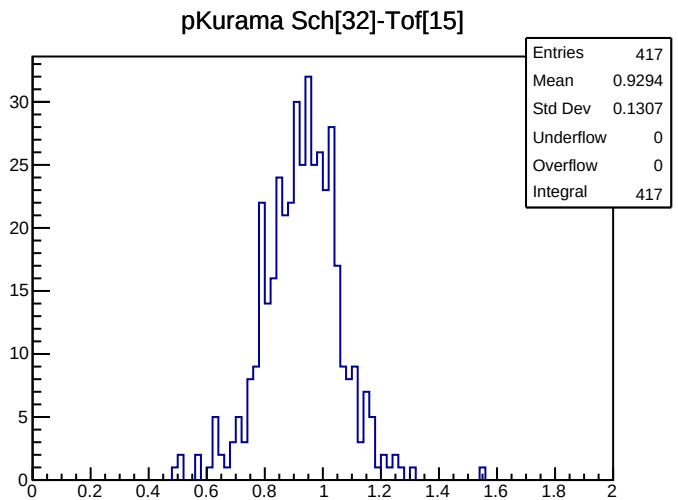

m2 Sch[32]-Tof[14]
Entries 328
Mean 0.838
Std Dev 0.1816
Underflow 2
Overflow 12
Integral 314
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

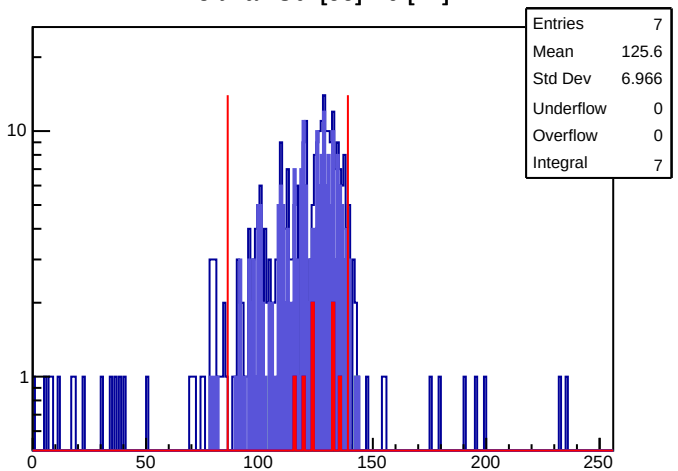

pKurama Sch[32]-Tof[14]
Entries 328
Mean 0.8561
Std Dev 0.1112
Underflow 0
Overflow 0
Integral 328
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

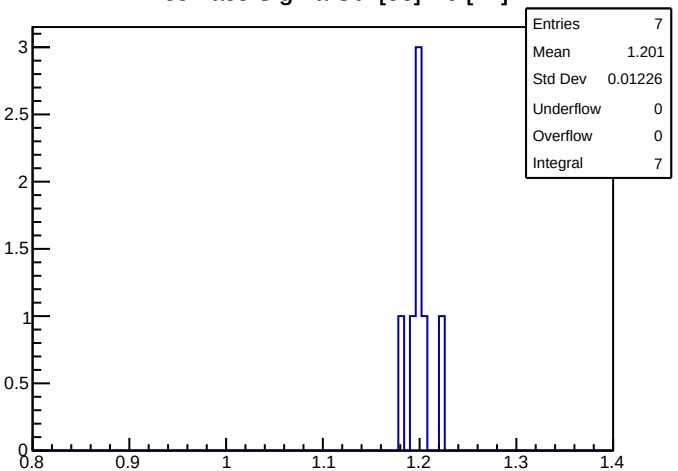

sftx all Sch[32]-Tof[15]
Entries 3
Mean 89.67
Std Dev 4.028
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

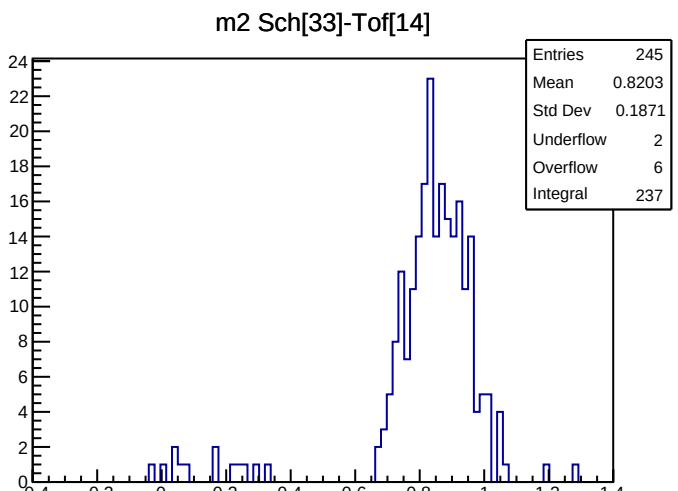

MissMass Sigma Sch[32]-Tof[15]
Entries 3
Mean 1.188
Std Dev 0.002387
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

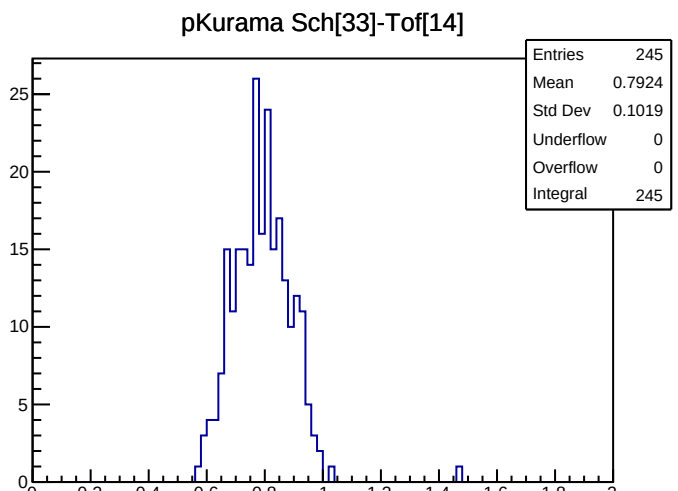

m2 Sch[32]-Tof[15]
Entries 417
Mean 0.7858
Std Dev 0.1725
Underflow 6
Overflow 12
Integral 399
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

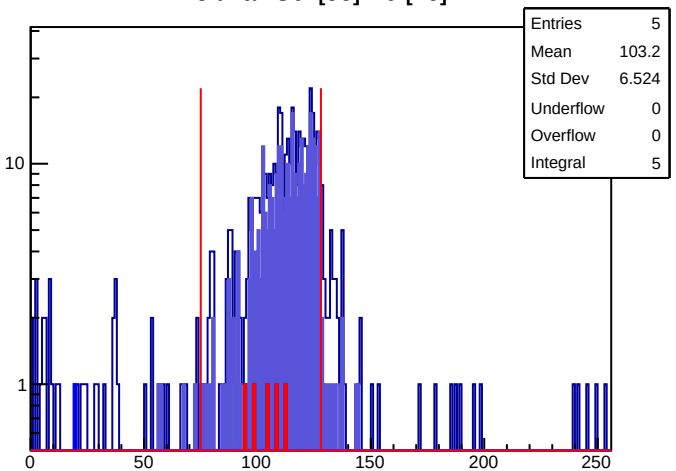

pKurama Sch[32]-Tof[15]
Entries 417
Mean 0.9294
Std Dev 0.1307
Underflow 0
Overflow 0
Integral 417
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

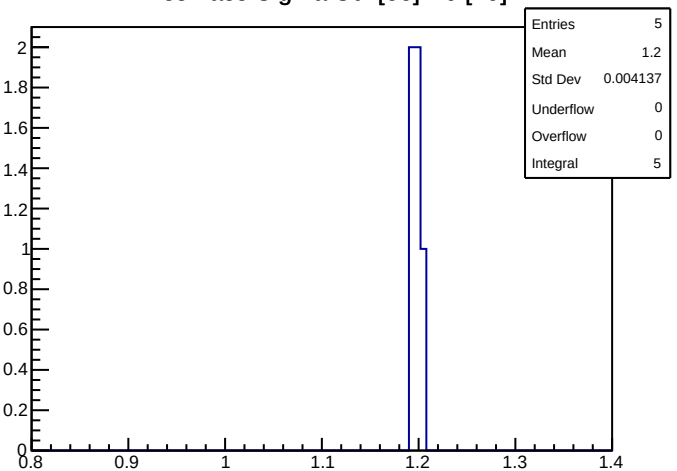

sftx all Sch[33]-Tof[14]
Entries 7
Mean 125.6
Std Dev 6.966
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

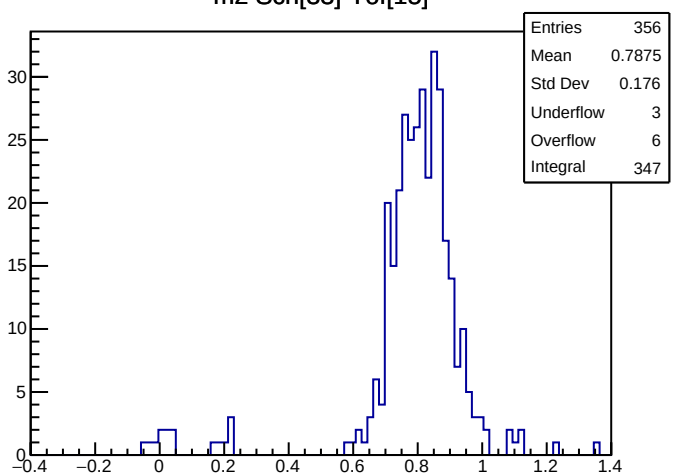

MissMass Sigma Sch[33]-Tof[14]
Entries 7
Mean 1.201
Std Dev 0.01226
Underflow 0
Overflow 0
Integral 7
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

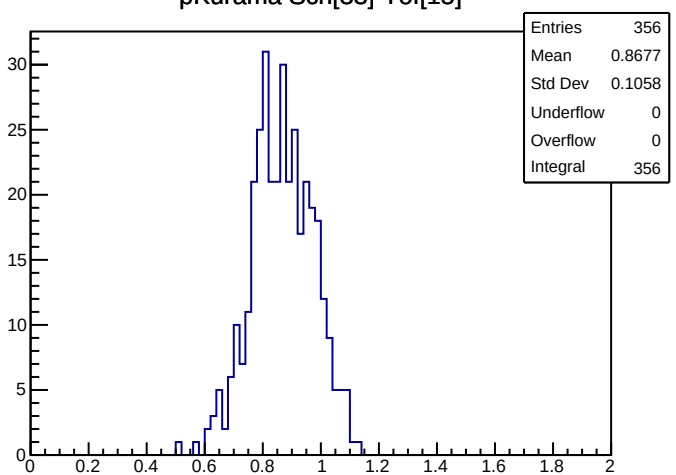

m2 Sch[33]-Tof[14]
Entries 245
Mean 0.8203
Std Dev 0.1871
Underflow 2
Overflow 6
Integral 237
24
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

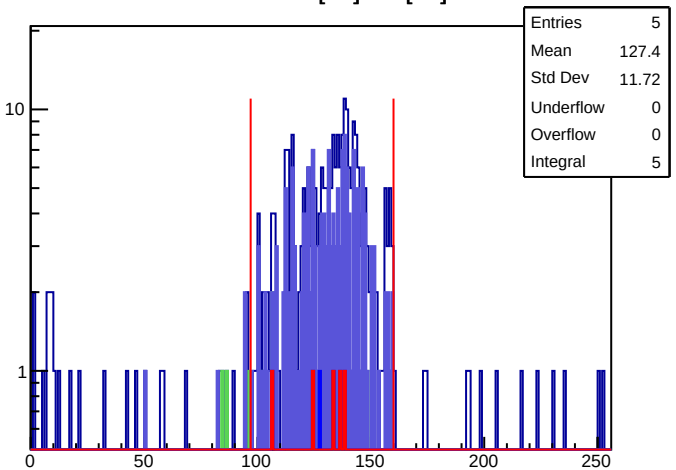

pKurama Sch[33]-Tof[14]
Entries 245
Mean 0.7924
Std Dev 0.1019
Underflow 0
Overflow 0
Integral 245
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

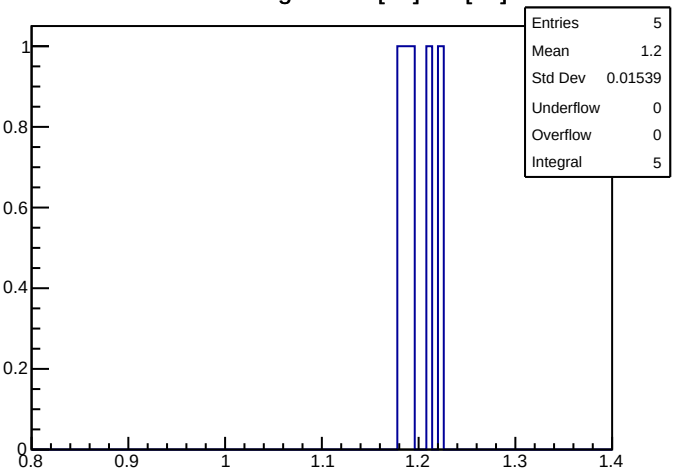

sftx all Sch[33]-Tof[15]
Entries 5
Mean 103.2
Std Dev 6.524
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

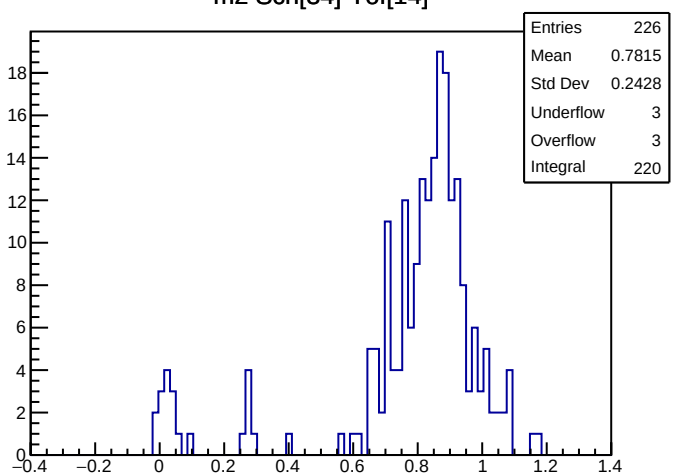

MissMass Sigma Sch[33]-Tof[15]
Entries 5
Mean 1.2
Std Dev 0.004137
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

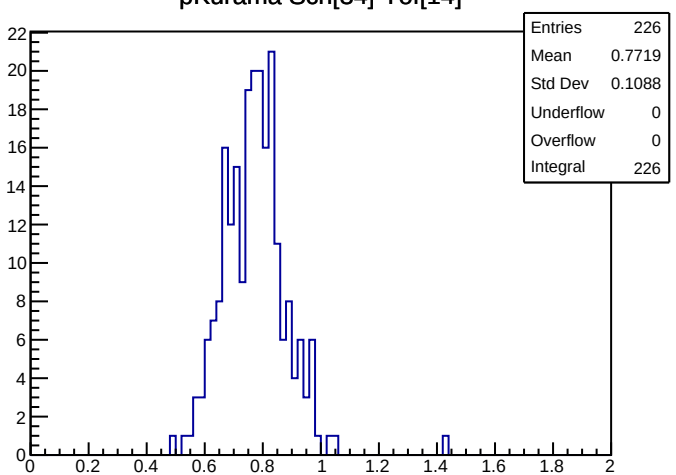

m2 Sch[33]-Tof[15]
Entries 356
Mean 0.7875
Std Dev 0.176
Underflow 3
Overflow 6
Integral 347
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

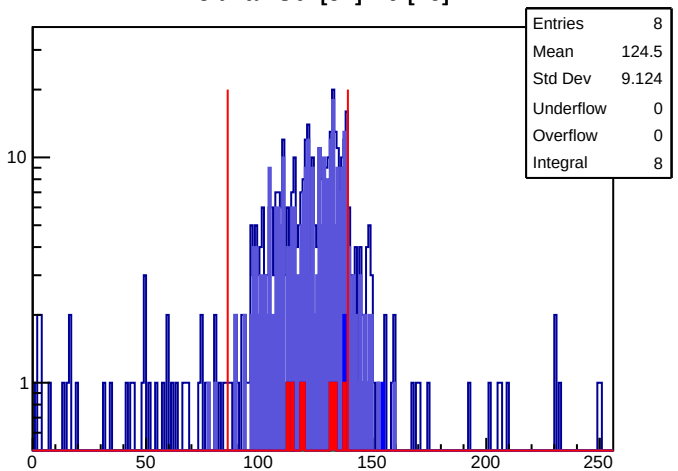

pKurama Sch[33]-Tof[15]
Entries 356
Mean 0.8677
Std Dev 0.1058
Underflow 0
Overflow 0
Integral 356
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

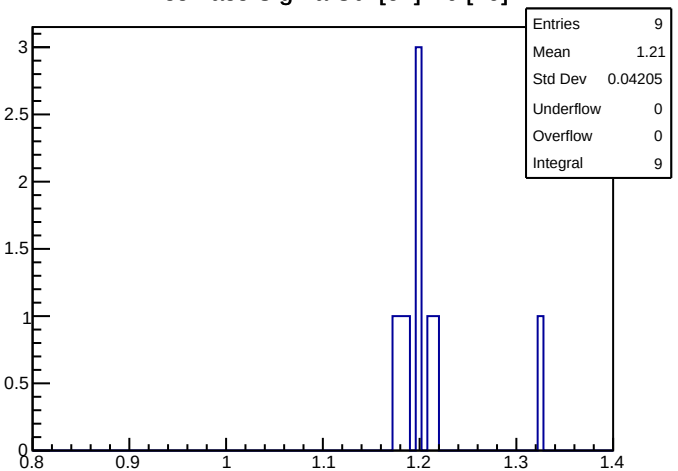

sftx all Sch[34]-Tof[14]
Entries 5
Mean 127.4
Std Dev 11.72
Underflow 0
Overflow 0
Integral 5

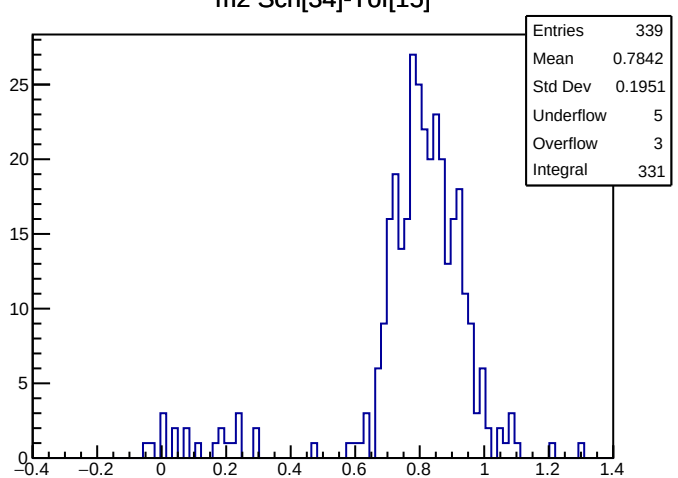

MissMass Sigma Sch[34]-Tof[14]
Entries 5
Mean 1.2
Std Dev 0.01539
Underflow 0
Overflow 0
Integral 5

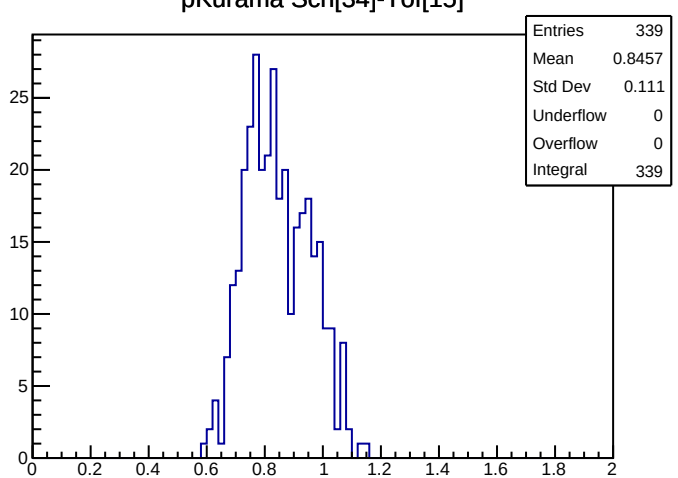

m2 Sch[34]-Tof[14]
Entries 226
Mean 0.7815
Std Dev 0.2428
Underflow 3
Overflow 3
Integral 220

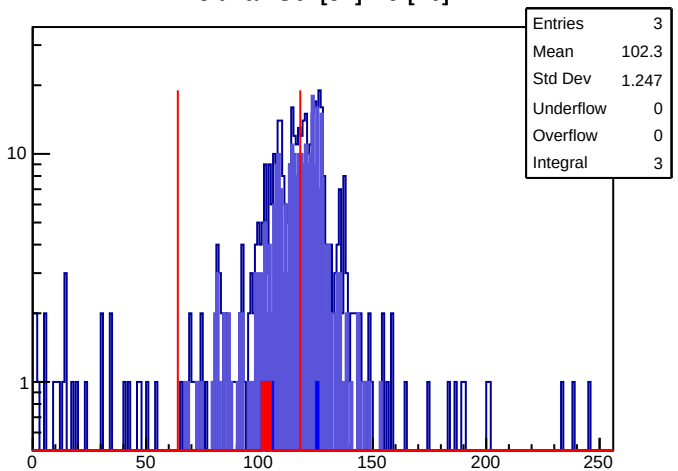

pKurama Sch[34]-Tof[14]
Entries 226
Mean 0.7719
Std Dev 0.1088
Underflow 0
Overflow 0
Integral 226

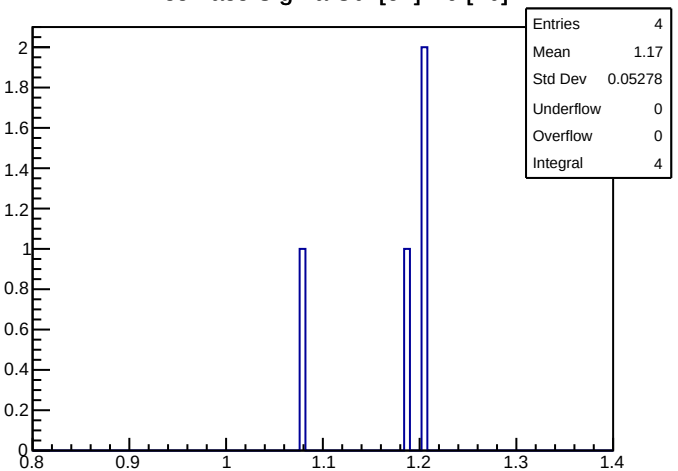

sftx all Sch[34]-Tof[15]
Entries 8
Mean 124.5
Std Dev 9.124
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

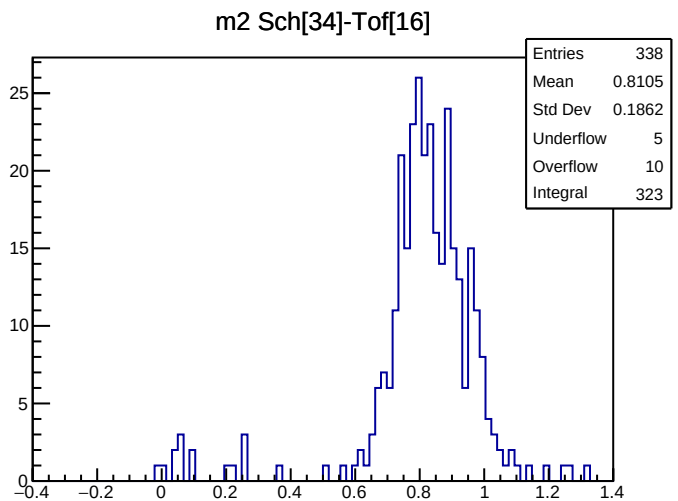

MissMass Sigma Sch[34]-Tof[15]
Entries 9
Mean 1.21
Std Dev 0.04205
Underflow 0
Overflow 0
Integral 9
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

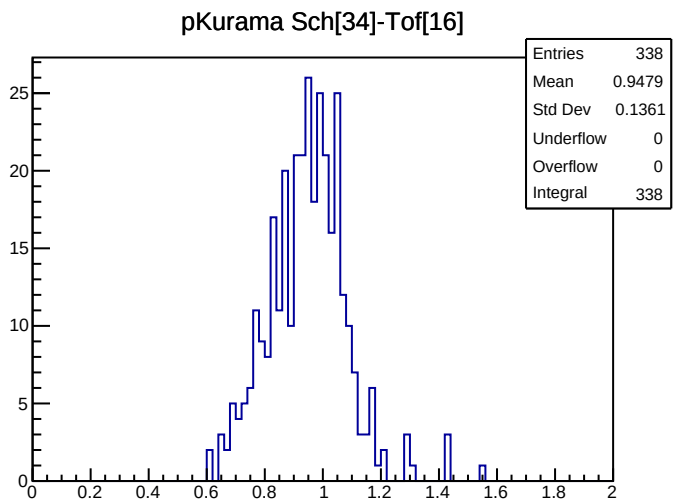

m2 Sch[34]-Tof[15]
Entries 339
Mean 0.7842
Std Dev 0.1951
Underflow 5
Overflow 3
Integral 331
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

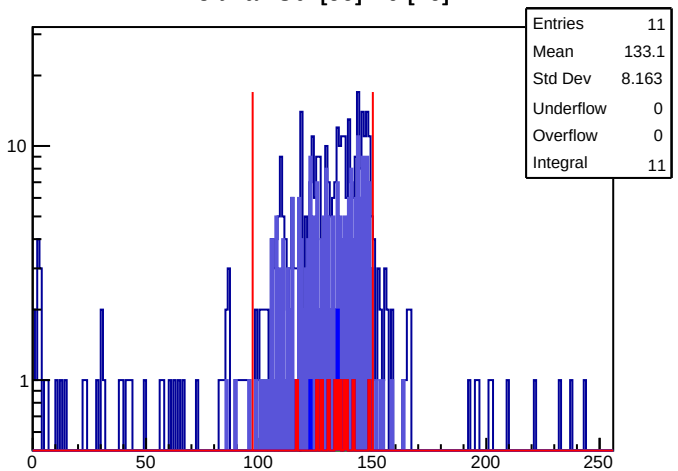

pKurama Sch[34]-Tof[15]
Entries 339
Mean 0.8457
Std Dev 0.111
Underflow 0
Overflow 0
Integral 339
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

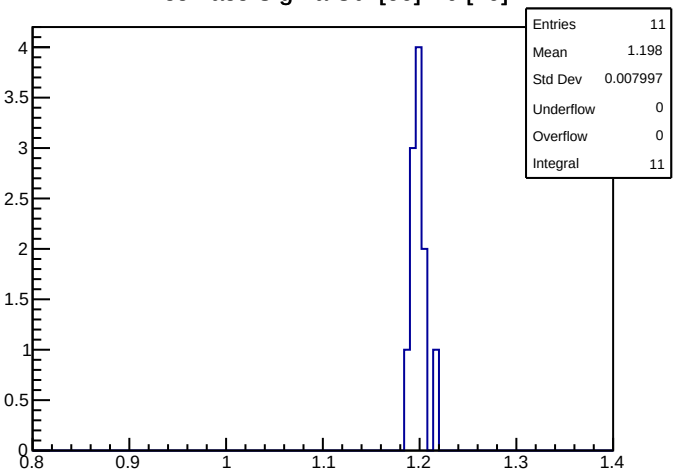

sftx all Sch[34]-Tof[16]
Entries 3
Mean 102.3
Std Dev 1.247
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

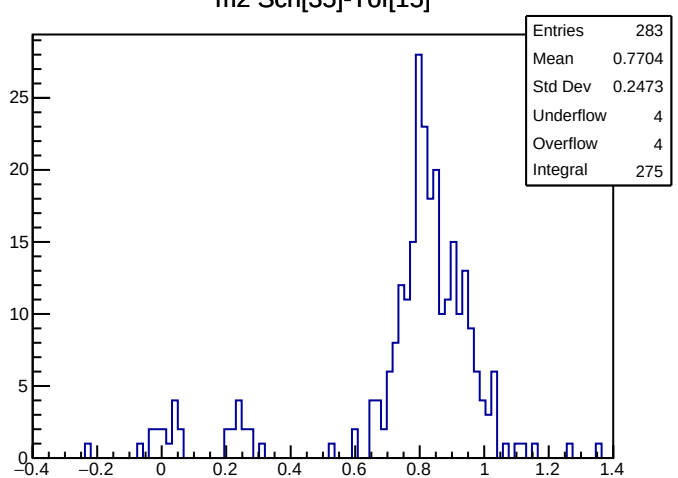

MissMass Sigma Sch[34]-Tof[16]
Entries 4
Mean 1.17
Std Dev 0.05278
Underflow 0
Overflow 0
Integral 4
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

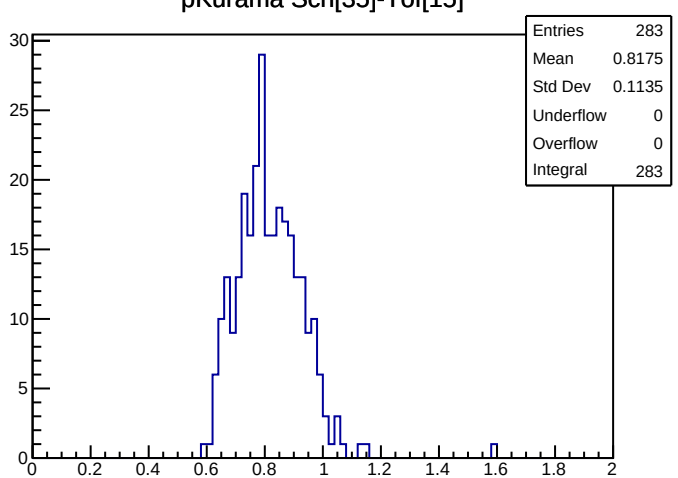

m2 Sch[34]-Tof[16]
Entries 338
Mean 0.8105
Std Dev 0.1862
Underflow 5
Overflow 10
Integral 323
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

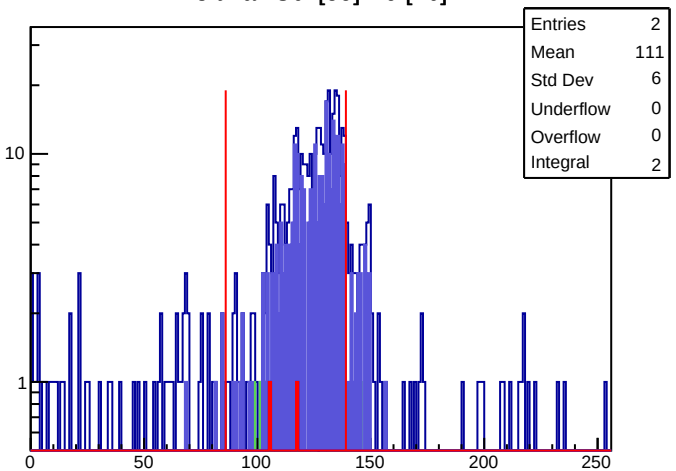

pKurama Sch[34]-Tof[16]
Entries 338
Mean 0.9479
Std Dev 0.1361
Underflow 0
Overflow 0
Integral 338
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

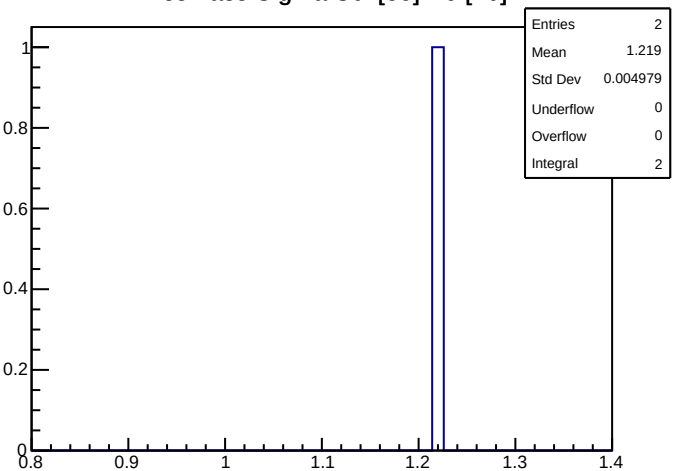

sftx all Sch[35]-Tof[15]
Entries 11
Mean 133.1
Std Dev 8.163
Underflow 0
Overflow 0
Integral 11
10
1
0
50
100
150
200
250

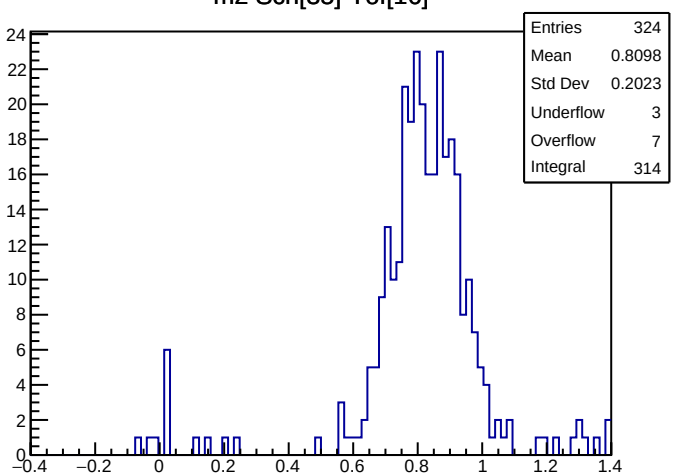

MissMass Sigma Sch[35]-Tof[15]
Entries 11
Mean 1.198
Std Dev 0.007997
Underflow 0
Overflow 0
Integral 11
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

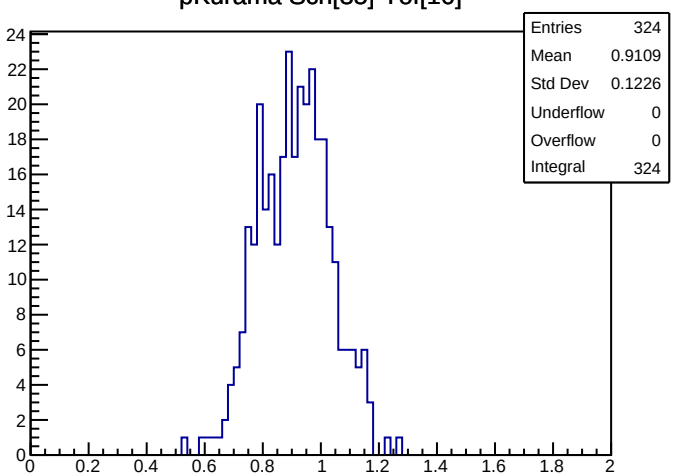

m2 Sch[35]-Tof[15]
Entries 283
Mean 0.7704
Std Dev 0.2473
Underflow 4
Overflow 4
Integral 275
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

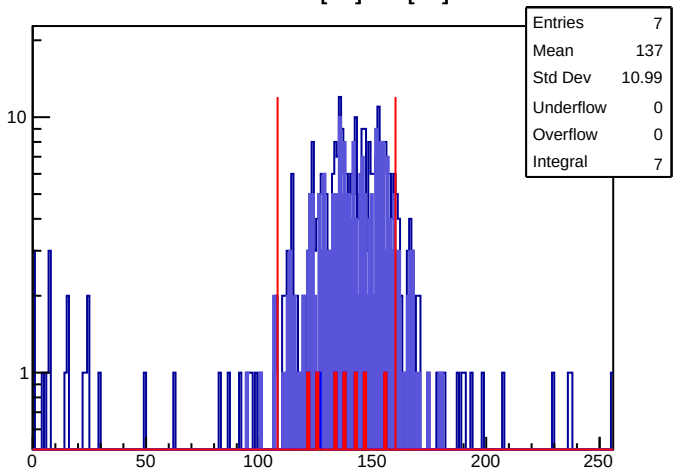

pKurama Sch[35]-Tof[15]
Entries 283
Mean 0.8175
Std Dev 0.1135
Underflow 0
Overflow 0
Integral 283
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

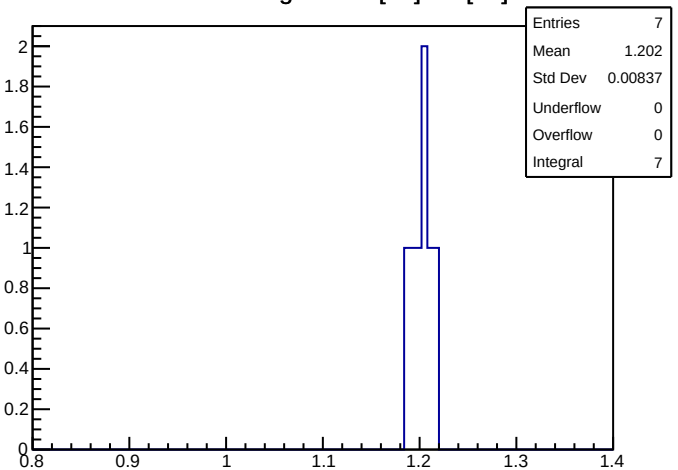

sftx all Sch[35]-Tof[16]
Entries 2
Mean 111
Std Dev 6
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

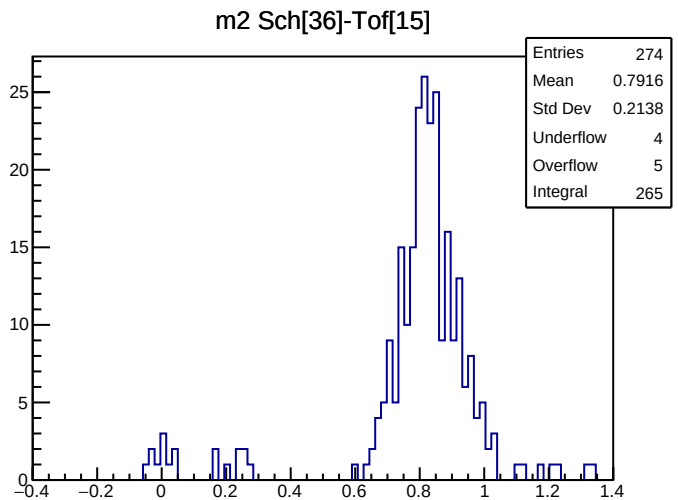

MissMass Sigma Sch[35]-Tof[16]
Entries 2
Mean 1.219
Std Dev 0.004979
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

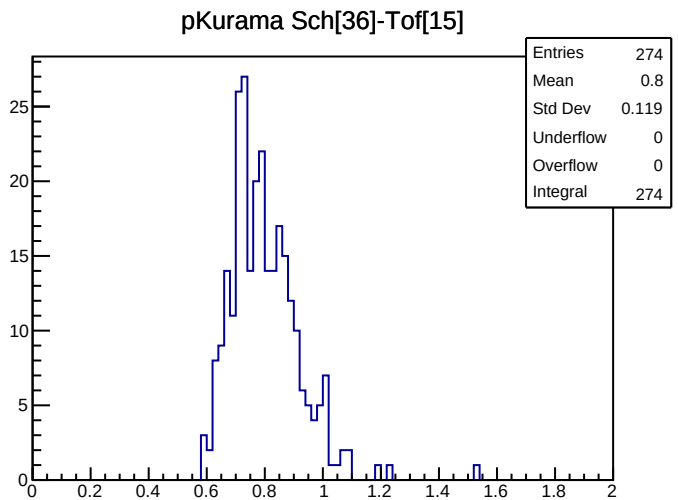

m2 Sch[35]-Tof[16]
Entries 324
Mean 0.8098
Std Dev 0.2023
Underflow 3
Overflow 7
Integral 314
24
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

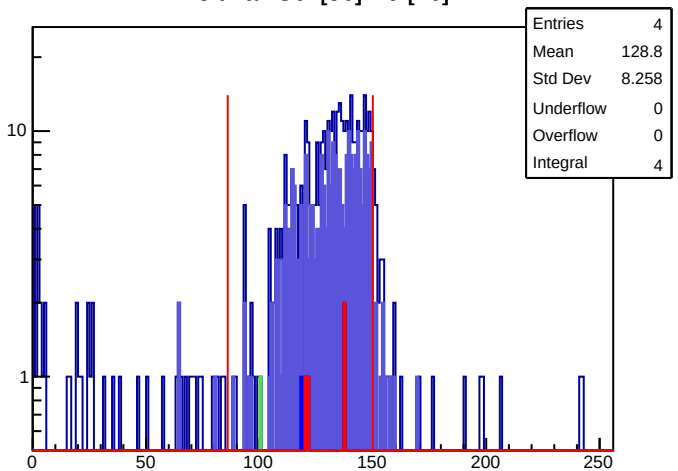

pKurama Sch[35]-Tof[16]
Entries 324
Mean 0.9109
Std Dev 0.1226
Underflow 0
Overflow 0
Integral 324
24
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

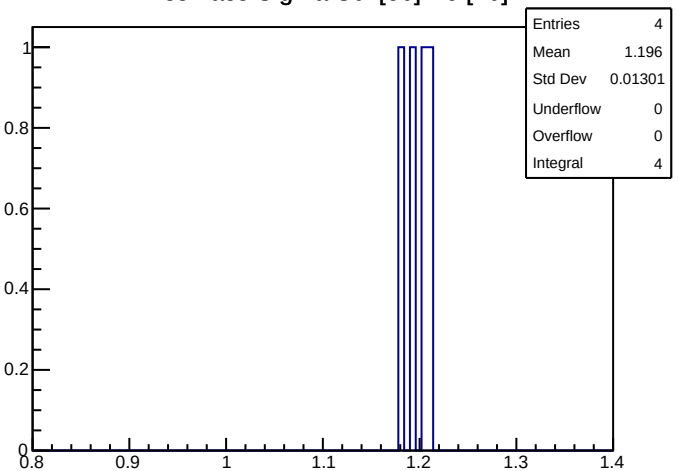

sftx all Sch[36]-Tof[15]
Entries 7
Mean 137
Std Dev 10.99
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

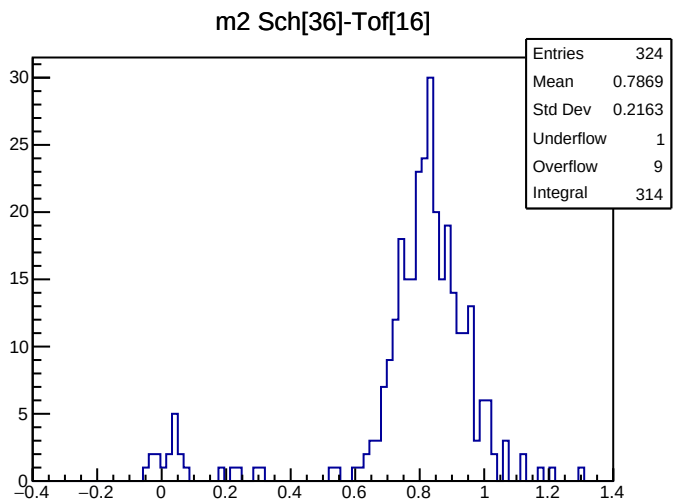

MissMass Sigma Sch[36]-Tof[15]
Entries 7
Mean 1.202
Std Dev 0.00837
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

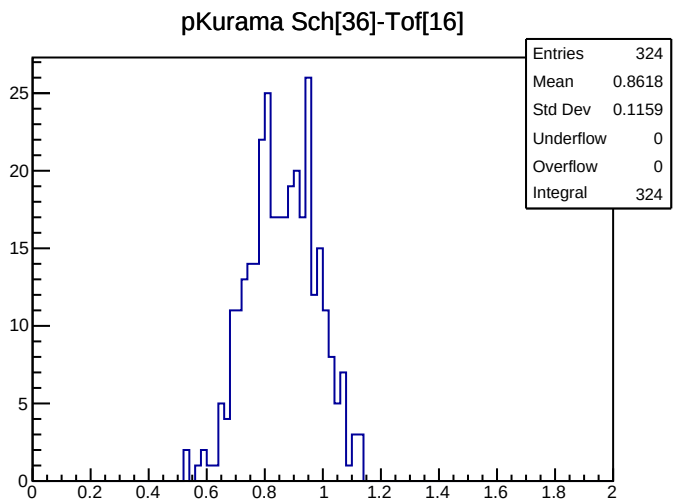

m2 Sch[36]-Tof[15]
Entries 274
Mean 0.7916
Std Dev 0.2138
Underflow 4
Overflow 5
Integral 265
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

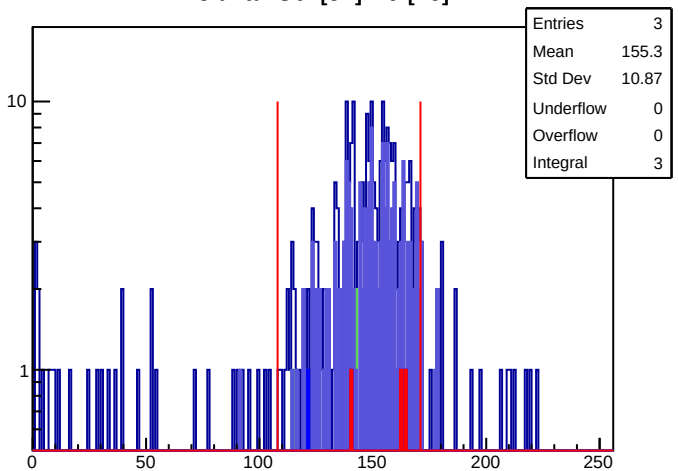

pKurama Sch[36]-Tof[15]
Entries 274
Mean 0.8
Std Dev 0.119
Underflow 0
Overflow 0
Integral 274
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

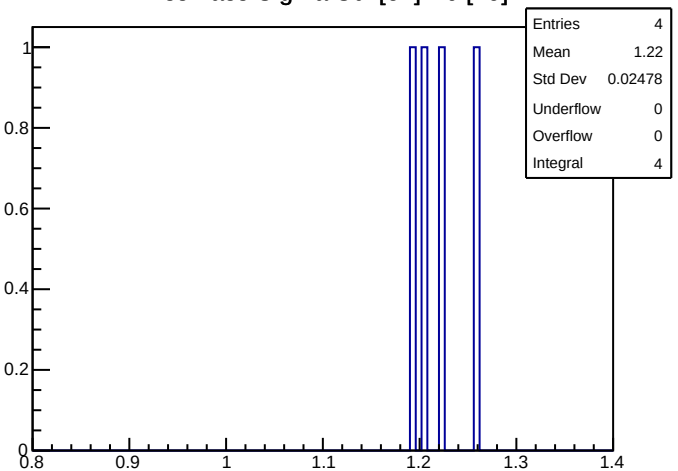

sftx all Sch[36]-Tof[16]
Entries 4
Mean 128.8
Std Dev 8.258
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

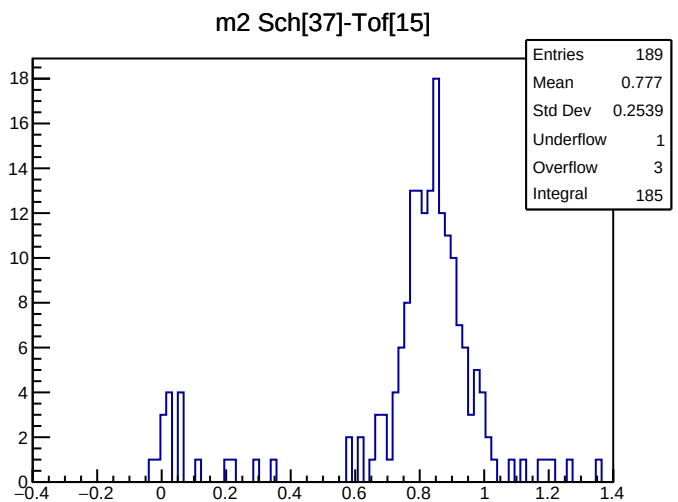

MissMass Sigma Sch[36]-Tof[16]
Entries 4
Mean 1.196
Std Dev 0.01301
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

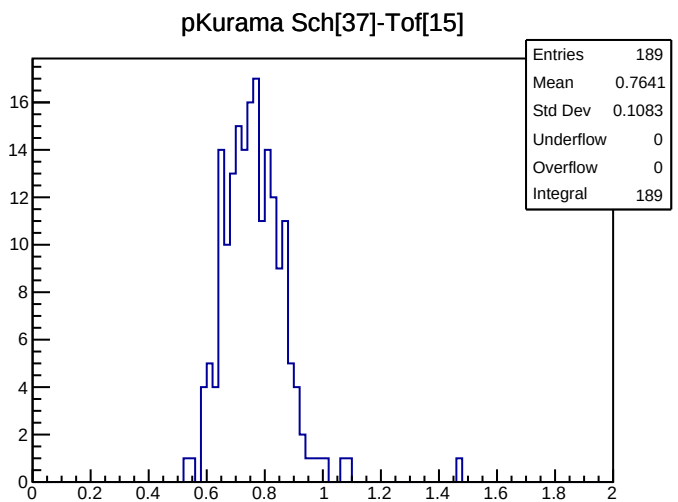

m2 Sch[36]-Tof[16]
Entries 324
Mean 0.7869
Std Dev 0.2163
Underflow 1
Overflow 9
Integral 314
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

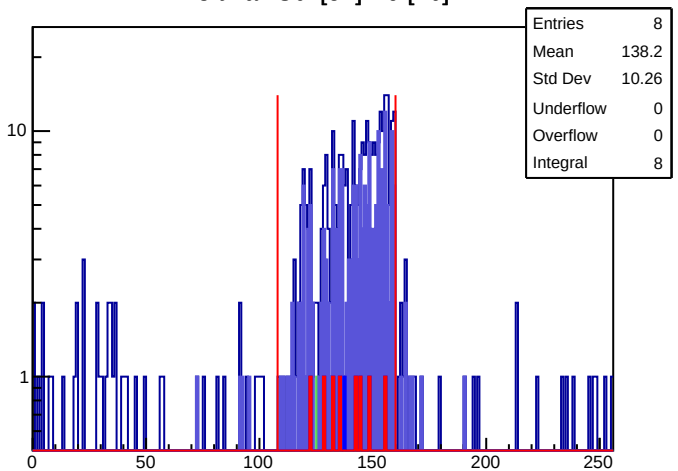

pKurama Sch[36]-Tof[16]
Entries 324
Mean 0.8618
Std Dev 0.1159
Underflow 0
Overflow 0
Integral 324
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

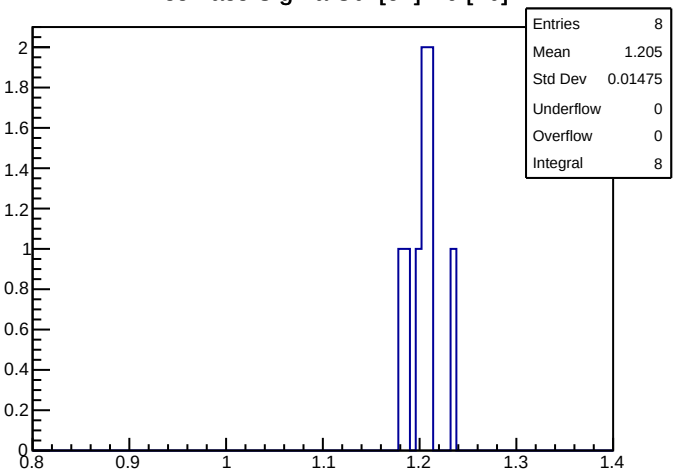

sftx all Sch[37]-Tof[15]
Entries 3
Mean 155.3
Std Dev 10.87
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

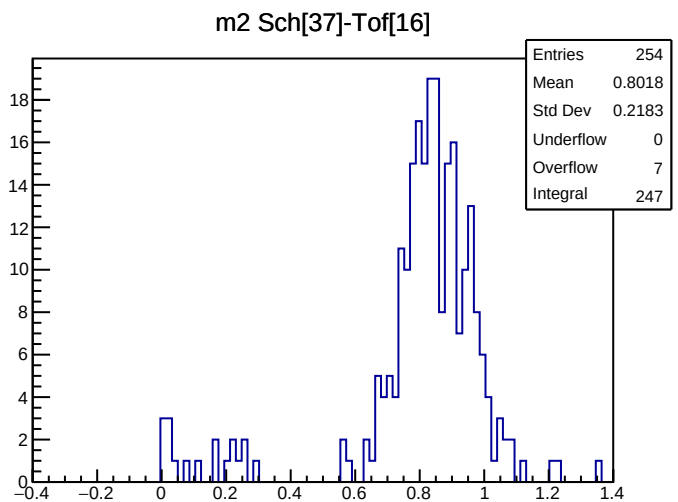

MissMass Sigma Sch[37]-Tof[15]
Entries 4
Mean 1.22
Std Dev 0.02478
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

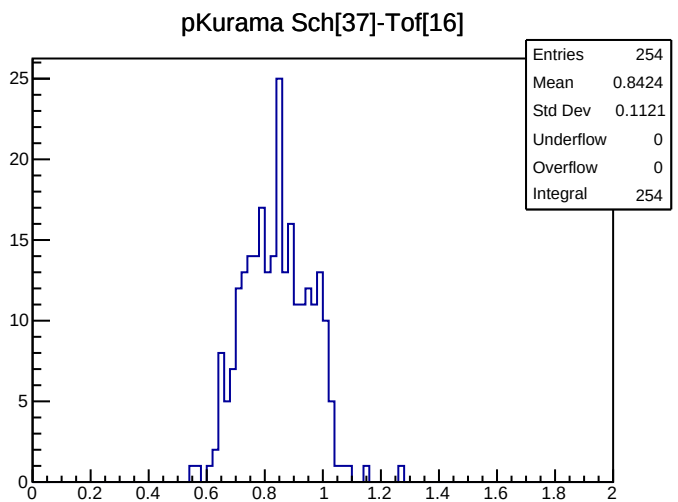

m2 Sch[37]-Tof[15]
Entries 189
Mean 0.777
Std Dev 0.2539
Underflow 1
Overflow 3
Integral 185
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

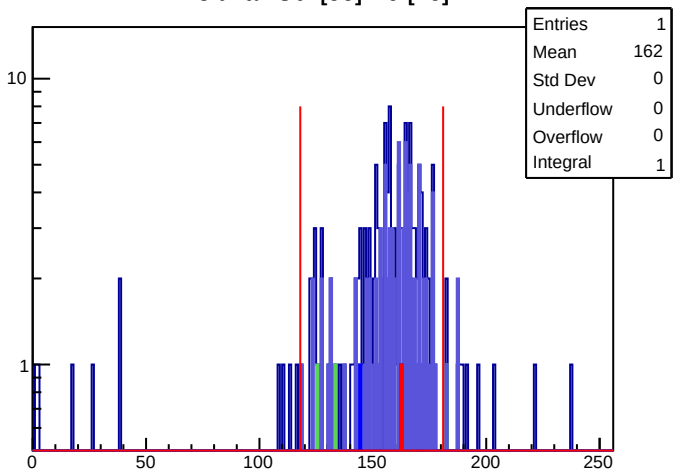

pKurama Sch[37]-Tof[15]
Entries 189
Mean 0.7641
Std Dev 0.1083
Underflow 0
Overflow 0
Integral 189
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

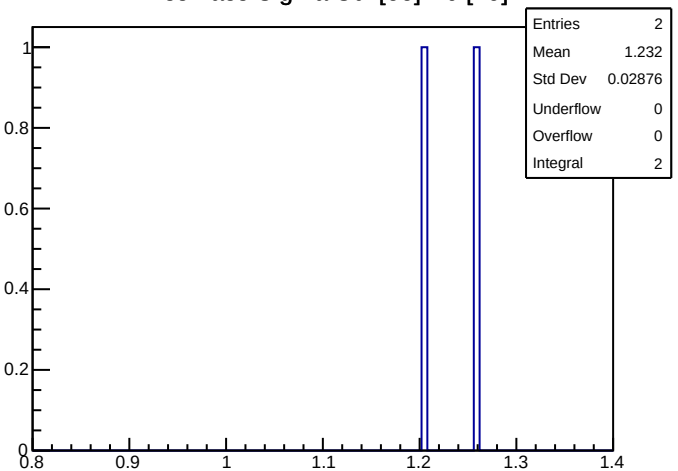

sftx all Sch[37]-Tof[16]
Entries 8
Mean 138.2
Std Dev 10.26
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

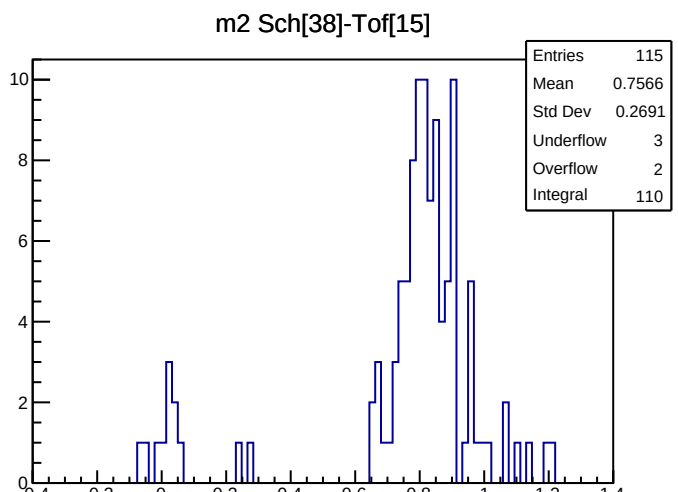

MissMass Sigma Sch[37]-Tof[16]
Entries 8
Mean 1.205
Std Dev 0.01475
Underflow 0
Overflow 0
Integral 8
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

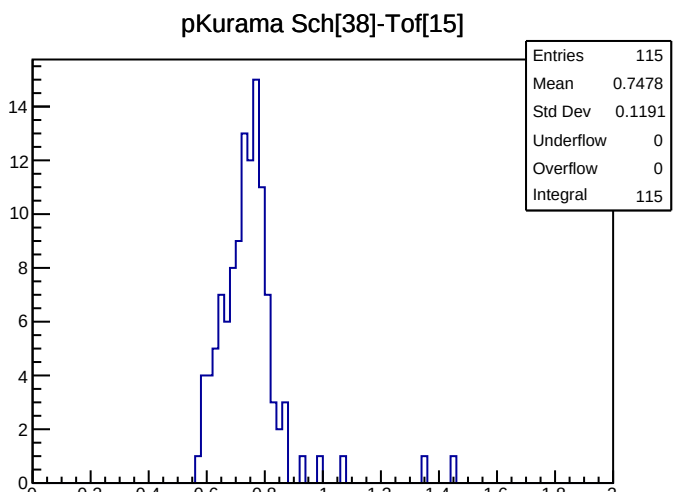

m2 Sch[37]-Tof[16]
Entries 254
Mean 0.8018
Std Dev 0.2183
Underflow 0
Overflow 7
Integral 247
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

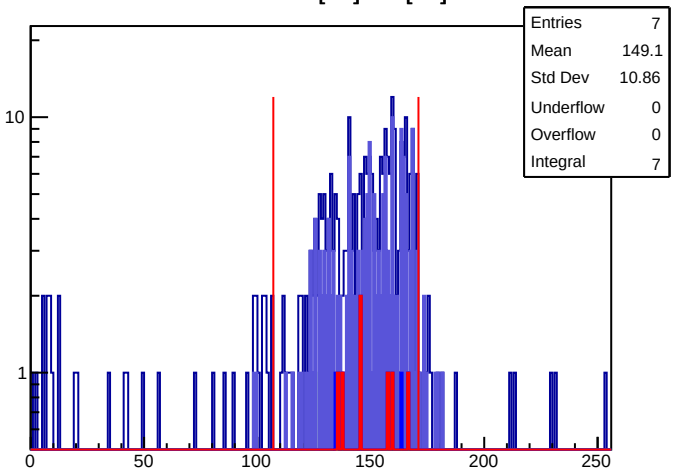

pKurama Sch[37]-Tof[16]
Entries 254
Mean 0.8424
Std Dev 0.1121
Underflow 0
Overflow 0
Integral 254
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

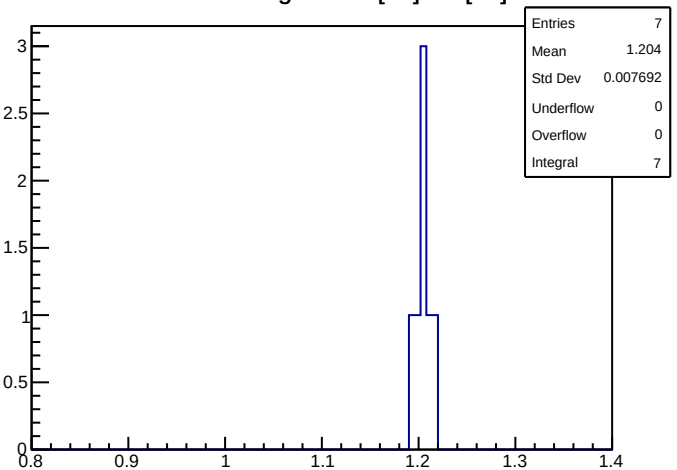

sftx all Sch[38]-Tof[15]
Entries 1
Mean 162
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

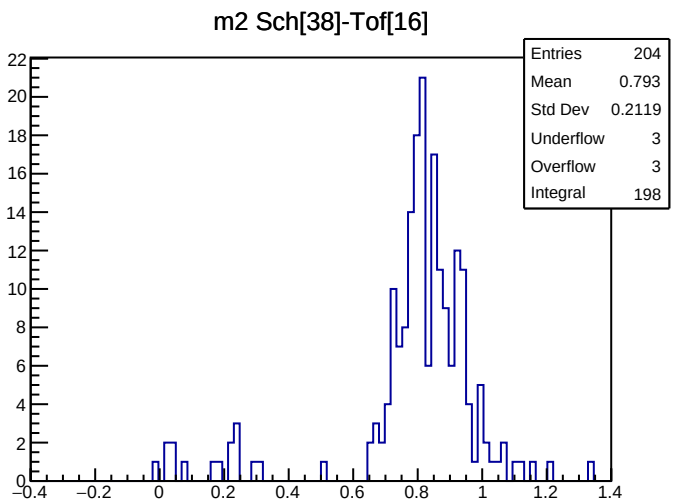

MissMass Sigma Sch[38]-Tof[15]
Entries 2
Mean 1.232
Std Dev 0.02876
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

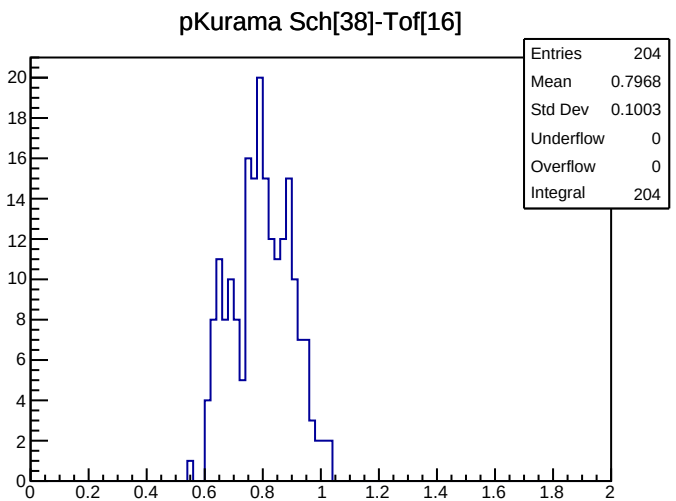

m2 Sch[38]-Tof[15]
Entries 115
Mean 0.7566
Std Dev 0.2691
Underflow 3
Overflow 2
Integral 110
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

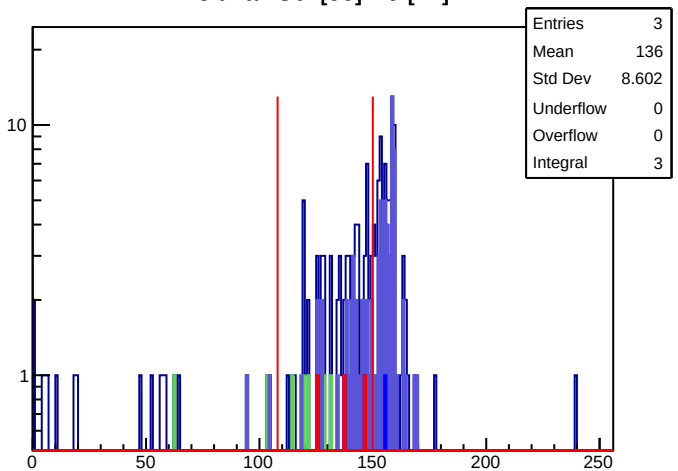

pKurama Sch[38]-Tof[15]
Entries 115
Mean 0.7478
Std Dev 0.1191
Underflow 0
Overflow 0
Integral 115
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

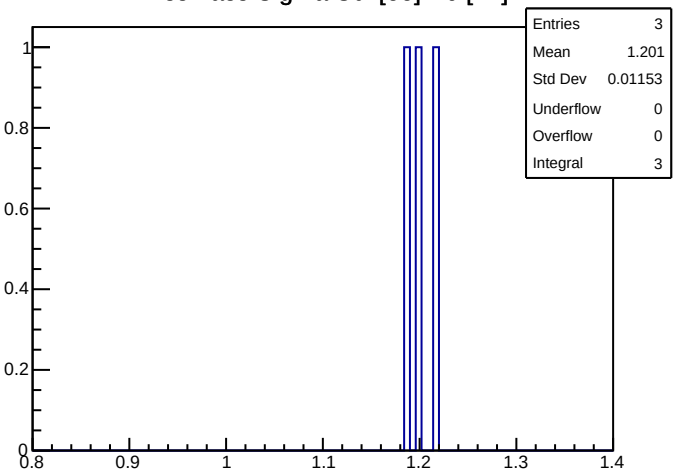

sftx all Sch[38]-Tof[16]
Entries 7
Mean 149.1
Std Dev 10.86
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

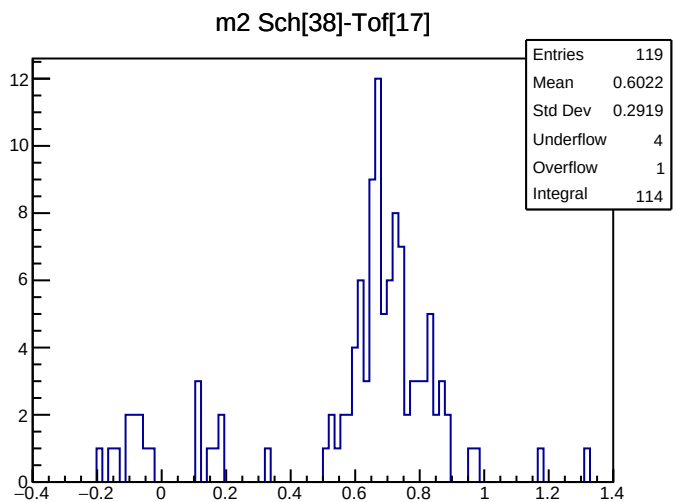

MissMass Sigma Sch[38]-Tof[16]
Entries 7
Mean 1.204
Std Dev 0.007692
Underflow 0
Overflow 0
Integral 7
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

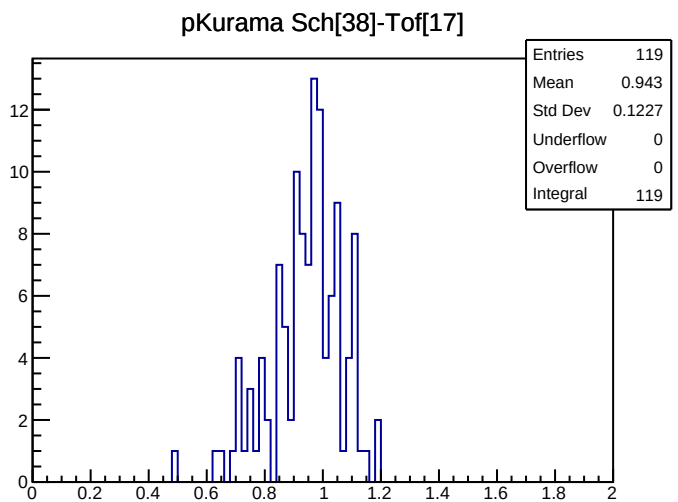

m2 Sch[38]-Tof[16]
Entries 204
Mean 0.793
Std Dev 0.2119
Underflow 3
Overflow 3
Integral 198
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

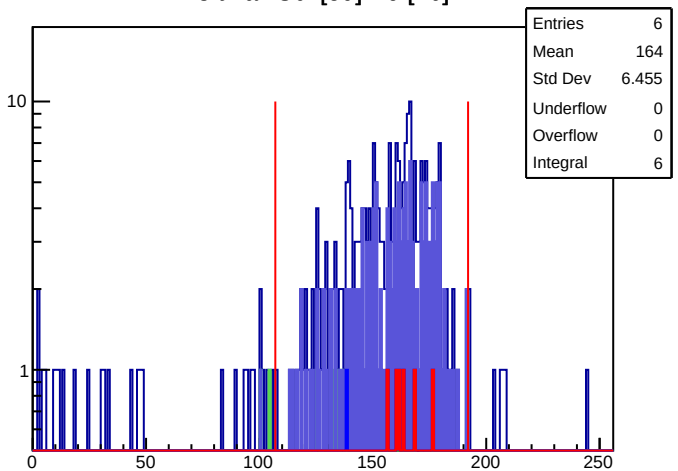

pKurama Sch[38]-Tof[16]
Entries 204
Mean 0.7968
Std Dev 0.1003
Underflow 0
Overflow 0
Integral 204
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

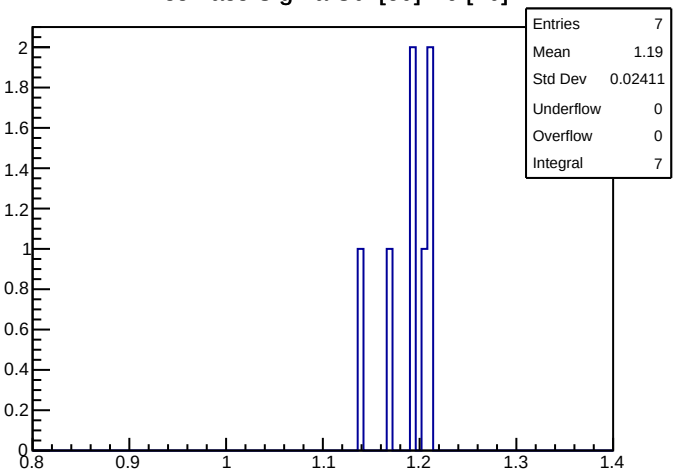

sftx all Sch[38]-Tof[17]
Entries 3
Mean 136
Std Dev 8.602
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

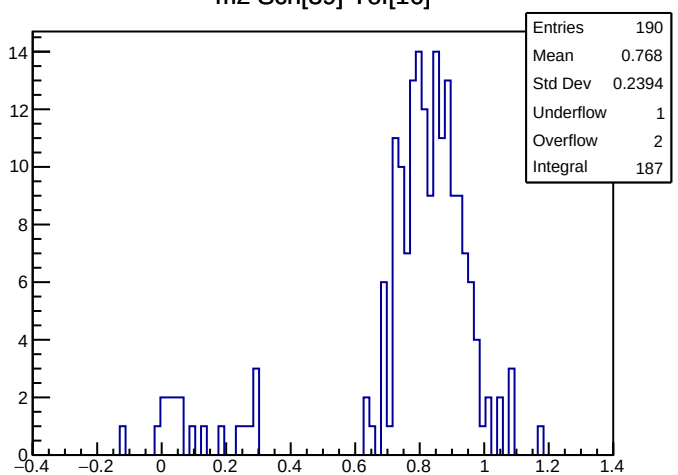

MissMass Sigma Sch[38]-Tof[17]
Entries 3
Mean 1.201
Std Dev 0.01153
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

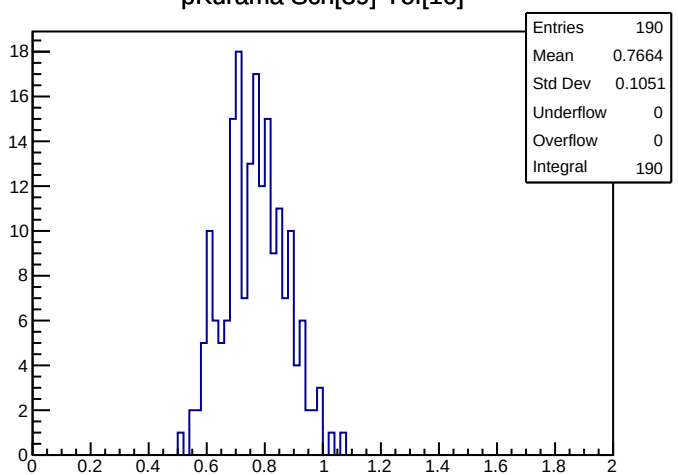

m2 Sch[38]-Tof[17]
Entries 119
Mean 0.6022
Std Dev 0.2919
Underflow 4
Overflow 1
Integral 114
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

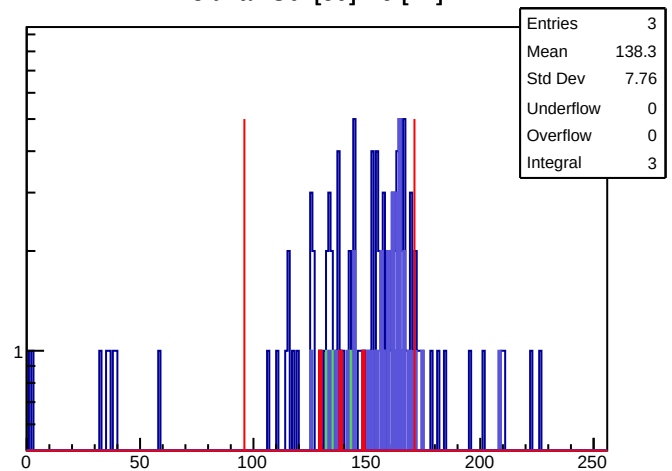

pKurama Sch[38]-Tof[17]
Entries 119
Mean 0.943
Std Dev 0.1227
Underflow 0
Overflow 0
Integral 119
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

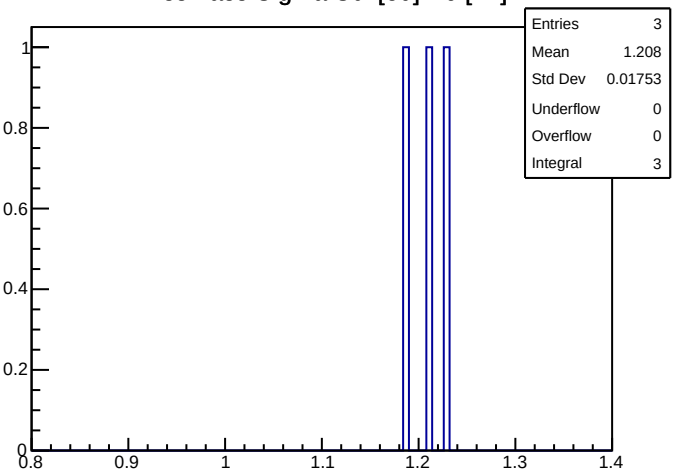

sftx all Sch[39]-Tof[16]
Entries 6
Mean 164
Std Dev 6.455
Underflow 0
Overflow 0
Integral 6

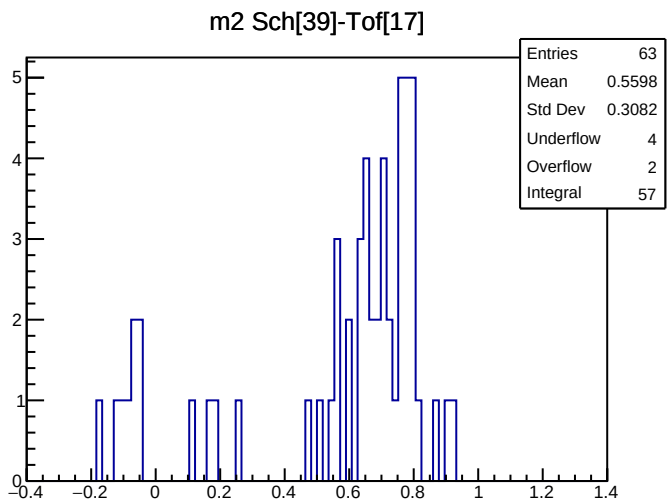

MissMass Sigma Sch[39]-Tof[16]
Entries 7
Mean 1.19
Std Dev 0.02411
Underflow 0
Overflow 0
Integral 7

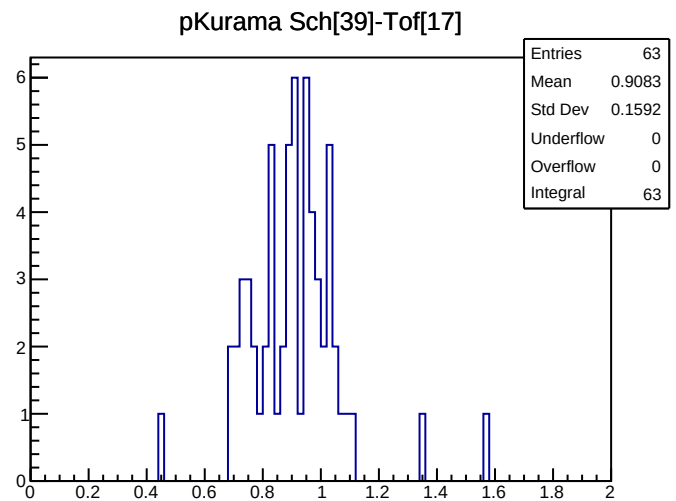

m2 Sch[39]-Tof[16]
Entries 190
Mean 0.768
Std Dev 0.2394
Underflow 1
Overflow 2
Integral 187

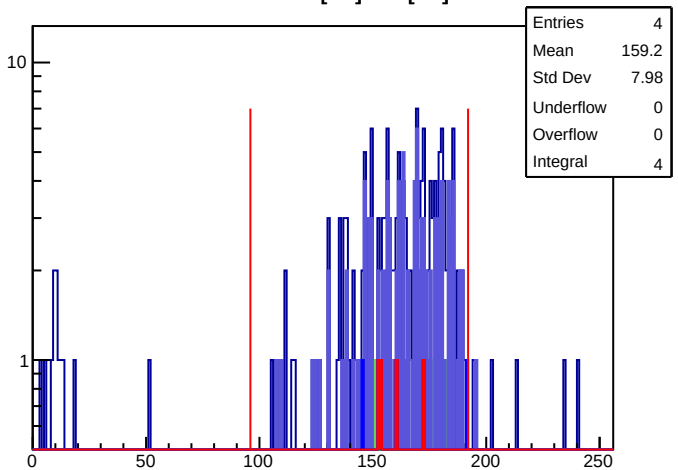

pKurama Sch[39]-Tof[16]
Entries 190
Mean 0.7664
Std Dev 0.1051
Underflow 0
Overflow 0
Integral 190

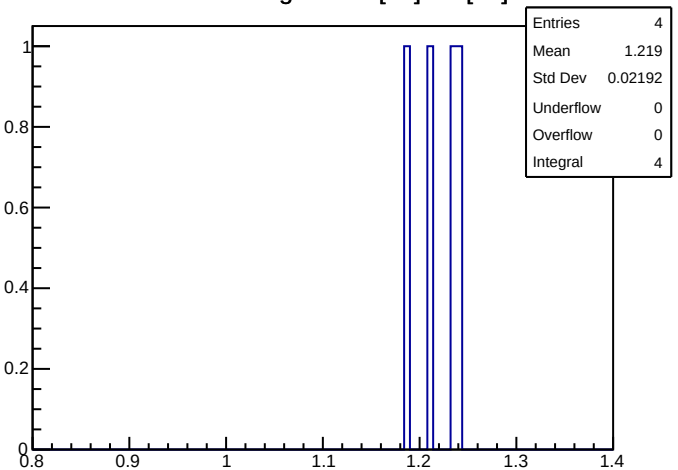

sftx all Sch[39]-Tof[17]
Entries 3
Mean 138.3
Std Dev 7.76
Underflow 0
Overflow 0
Integral 3
0
50
100
150
200
250
1

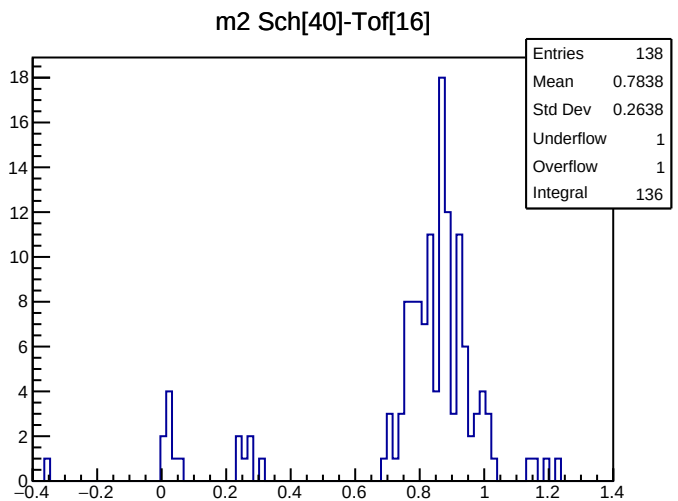

MissMass Sigma Sch[39]-Tof[17]
Entries 3
Mean 1.208
Std Dev 0.01753
Underflow 0
Overflow 0
Integral 3
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

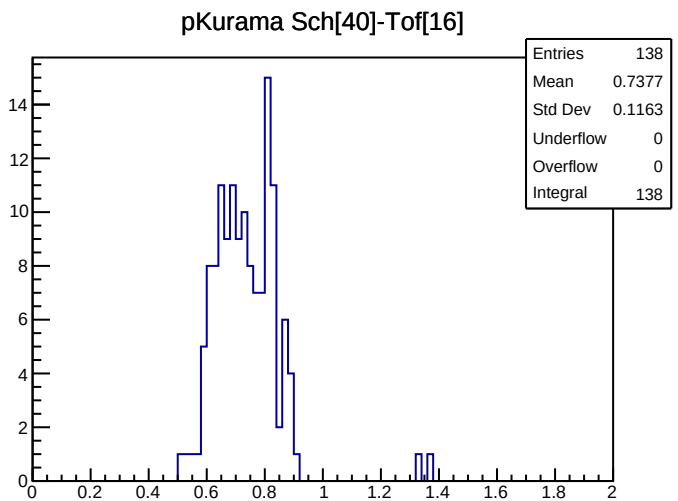

m2 Sch[39]-Tof[17]
Entries 63
Mean 0.5598
Std Dev 0.3082
Underflow 4
Overflow 2
Integral 57
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

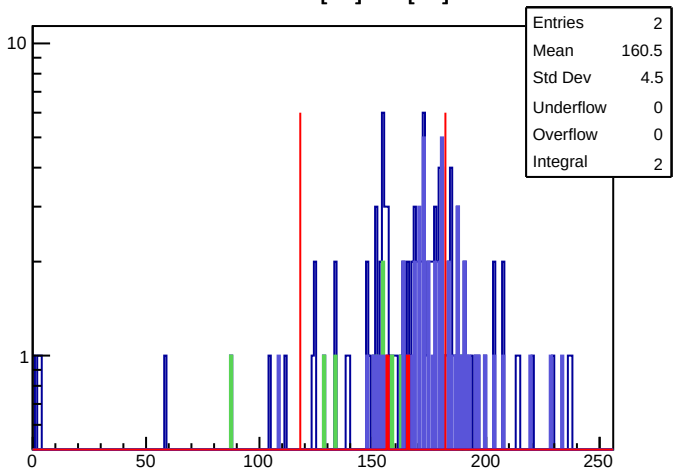

pKurama Sch[39]-Tof[17]
Entries 63
Mean 0.9083
Std Dev 0.1592
Underflow 0
Overflow 0
Integral 63
0
1
2
3
4
5
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

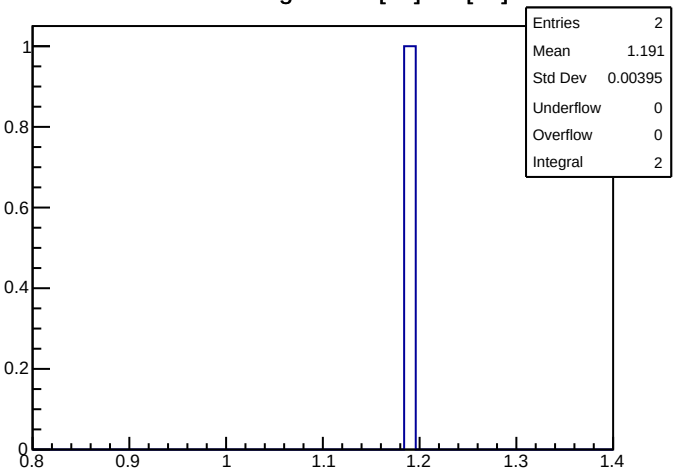

sftx all Sch[40]-Tof[16]
Entries 4
Mean 159.2
Std Dev 7.98
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

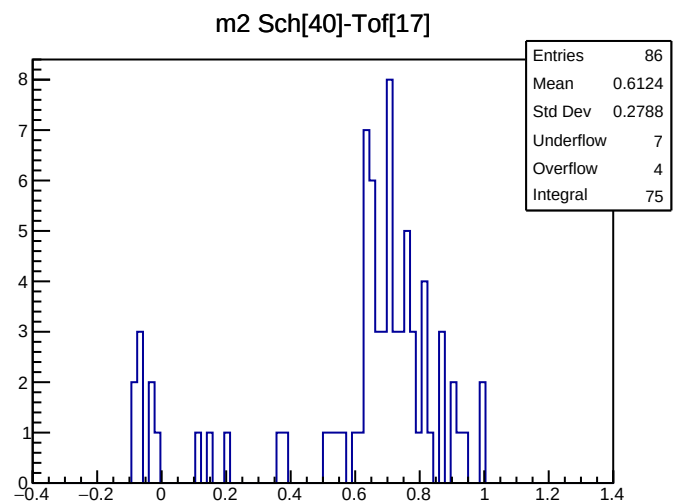

MissMass Sigma Sch[40]-Tof[16]
Entries 4
Mean 1.219
Std Dev 0.02192
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

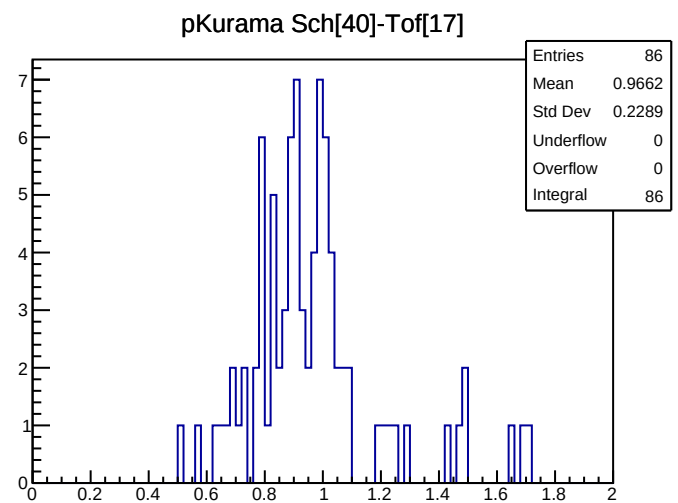

m2 Sch[40]-Tof[16]
Entries 138
Mean 0.7838
Std Dev 0.2638
Underflow 1
Overflow 1
Integral 136
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

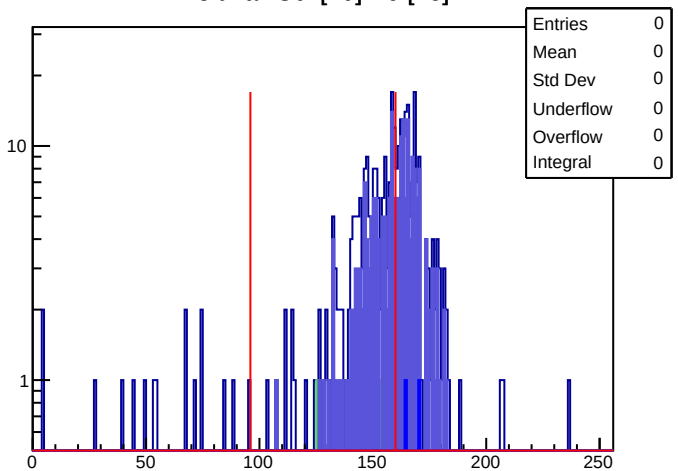

pKurama Sch[40]-Tof[16]
Entries 138
Mean 0.7377
Std Dev 0.1163
Underflow 0
Overflow 0
Integral 138
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

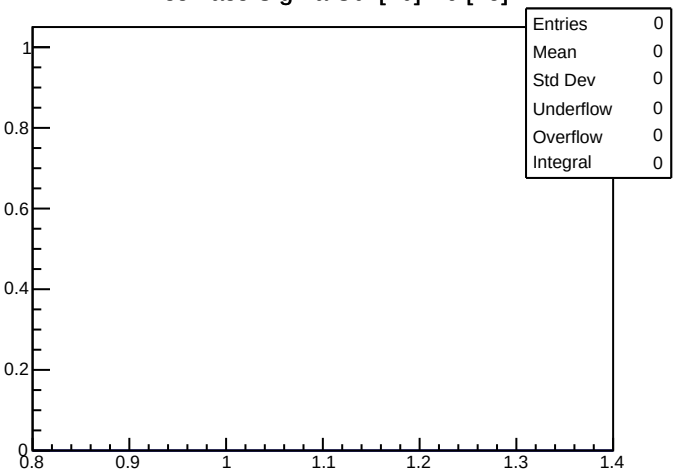

sftx all Sch[40]-Tof[17]
Entries 2
Mean 160.5
Std Dev 4.5
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

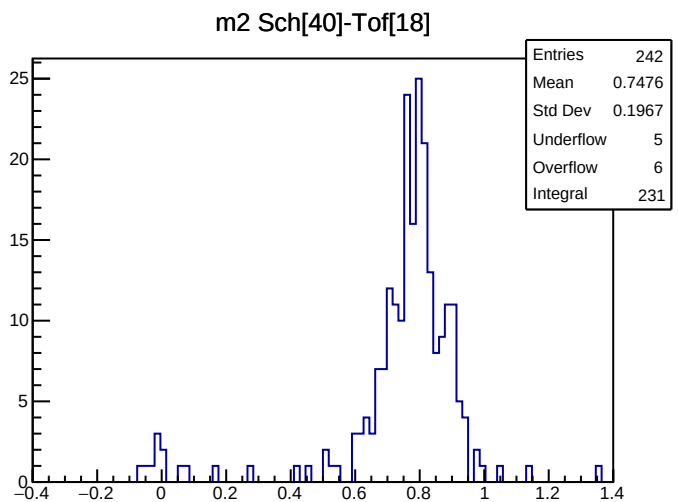

MissMass Sigma Sch[40]-Tof[17]
Entries 2
Mean 1.191
Std Dev 0.00395
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

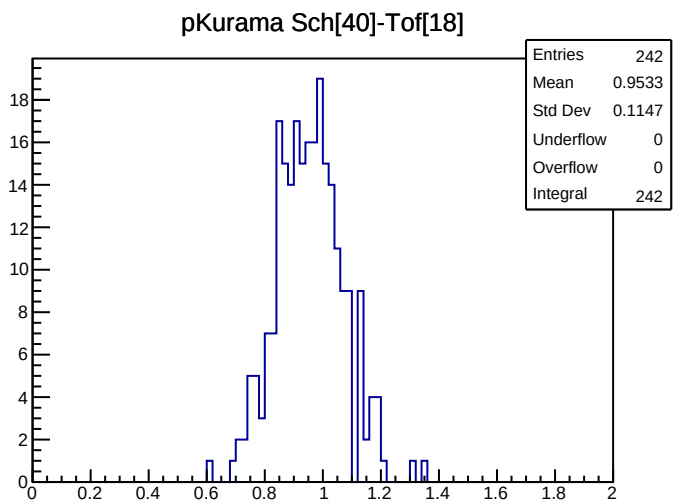

m2 Sch[40]-Tof[17]
Entries 86
Mean 0.6124
Std Dev 0.2788
Underflow 7
Overflow 4
Integral 75
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

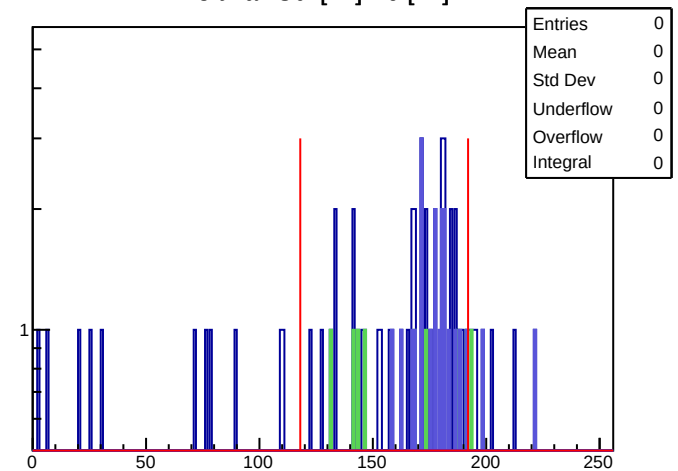

pKurama Sch[40]-Tof[17]
Entries 86
Mean 0.9662
Std Dev 0.2289
Underflow 0
Overflow 0
Integral 86
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

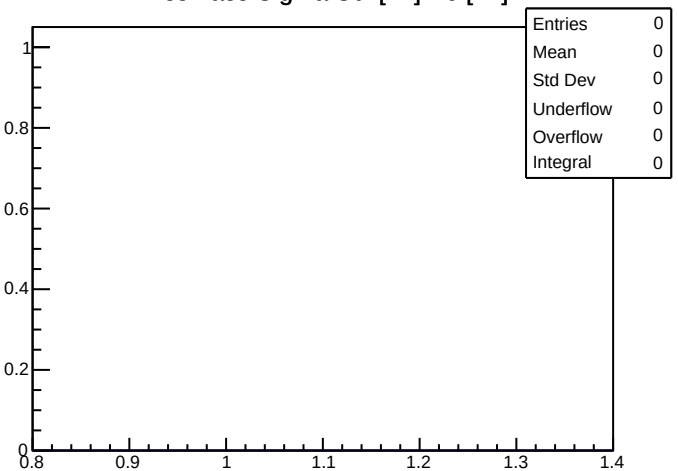

sftx all Sch[40]-Tof[18]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

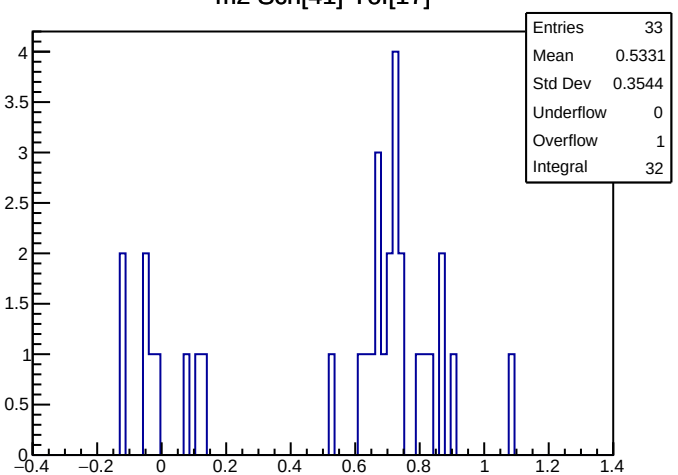

MissMass Sigma Sch[40]-Tof[18]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

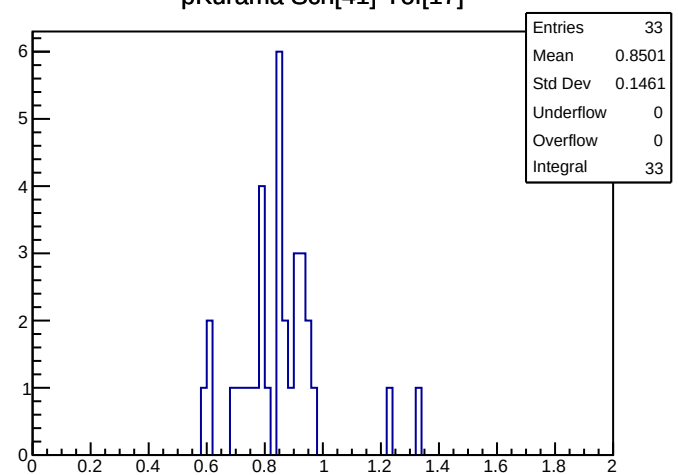

m2 Sch[40]-Tof[18]
Entries 242
Mean 0.7476
Std Dev 0.1967
Underflow 5
Overflow 6
Integral 231
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

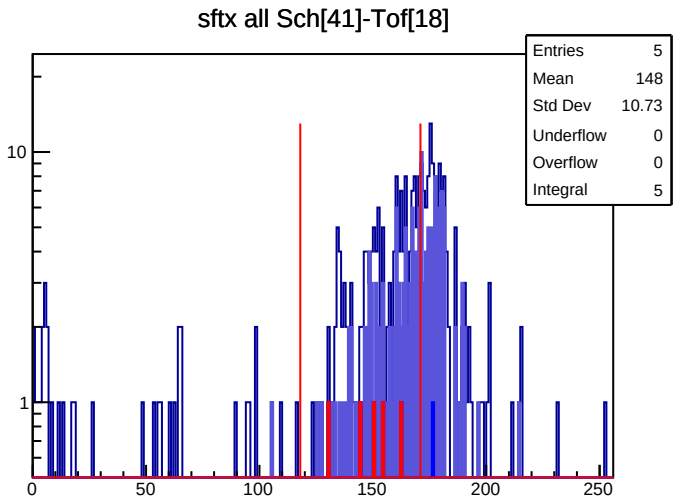

pKurama Sch[40]-Tof[18]
Entries 242
Mean 0.9533
Std Dev 0.1147
Underflow 0
Overflow 0
Integral 242
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

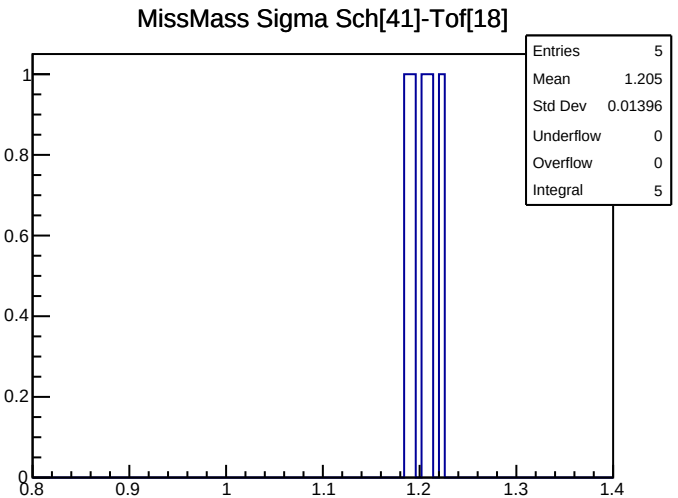

sftx all Sch[41]-Tof[17]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0
50
100
150
200
250

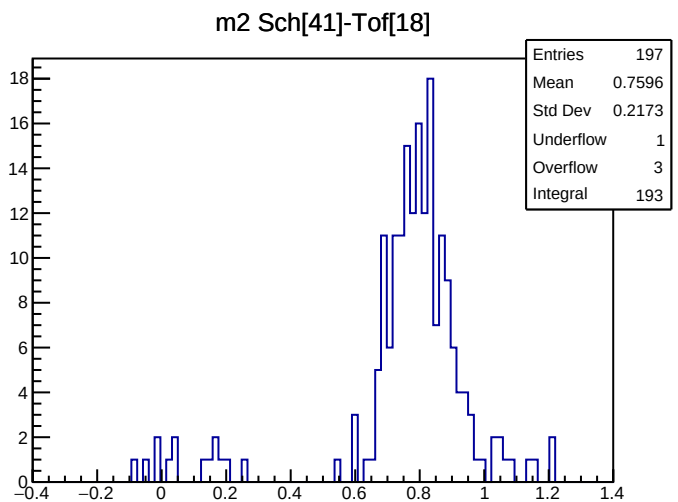

MissMass Sigma Sch[41]-Tof[17]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

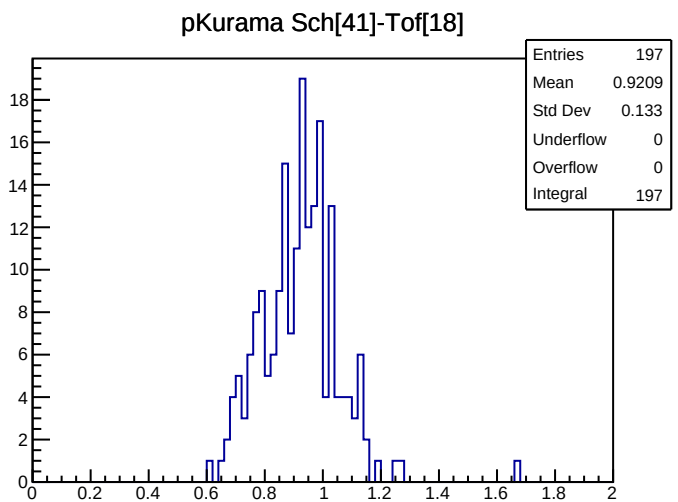

m2 Sch[41]-Tof[17]
Entries 33
Mean 0.5331
Std Dev 0.3544
Underflow 0
Overflow 1
Integral 32
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

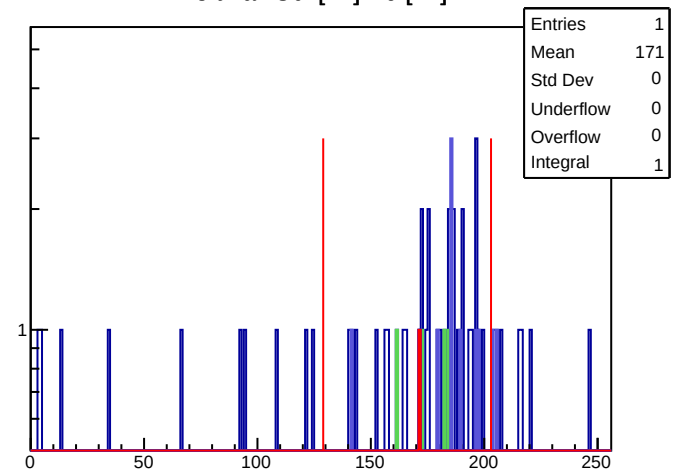

pKurama Sch[41]-Tof[17]
Entries 33
Mean 0.8501
Std Dev 0.1461
Underflow 0
Overflow 0
Integral 33
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

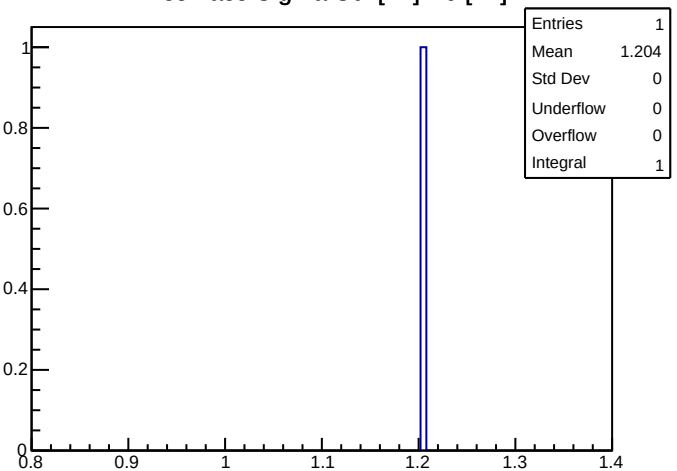

sftx all Sch[41]-Tof[18]
Entries 5
Mean 148
Std Dev 10.73
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

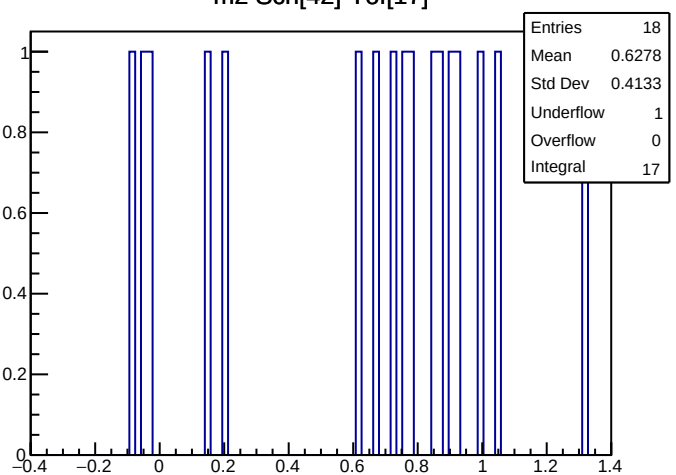

MissMass Sigma Sch[41]-Tof[18]
Entries 5
Mean 1.205
Std Dev 0.01396
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

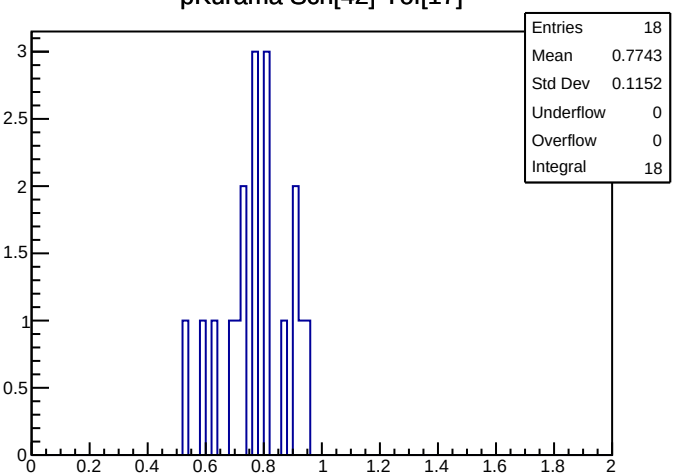

m2 Sch[41]-Tof[18]
Entries 197
Mean 0.7596
Std Dev 0.2173
Underflow 1
Overflow 3
Integral 193
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

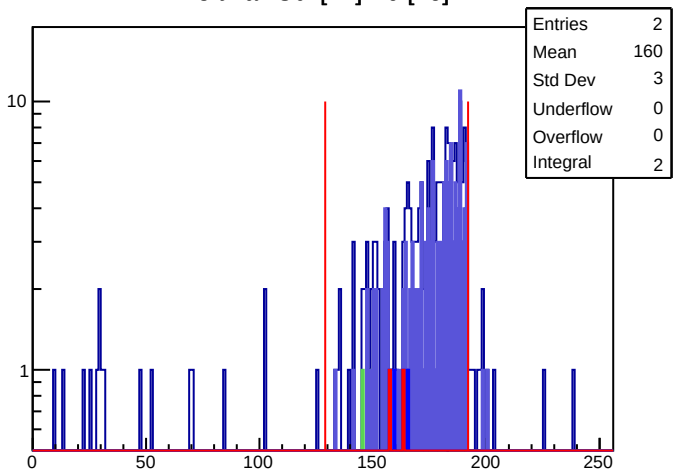

pKurama Sch[41]-Tof[18]
Entries 197
Mean 0.9209
Std Dev 0.133
Underflow 0
Overflow 0
Integral 197
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

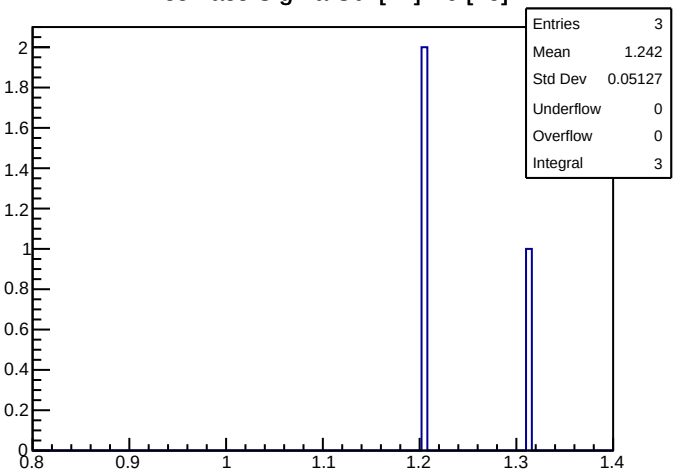

sftx all Sch[42]-Tof[17]
Entries 1
Mean 171
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0
50
100
150
200
250

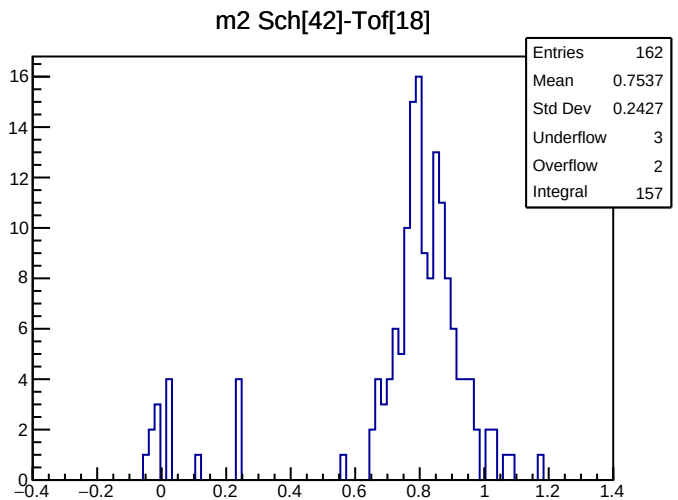

MissMass Sigma Sch[42]-Tof[17]
Entries 1
Mean 1.204
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

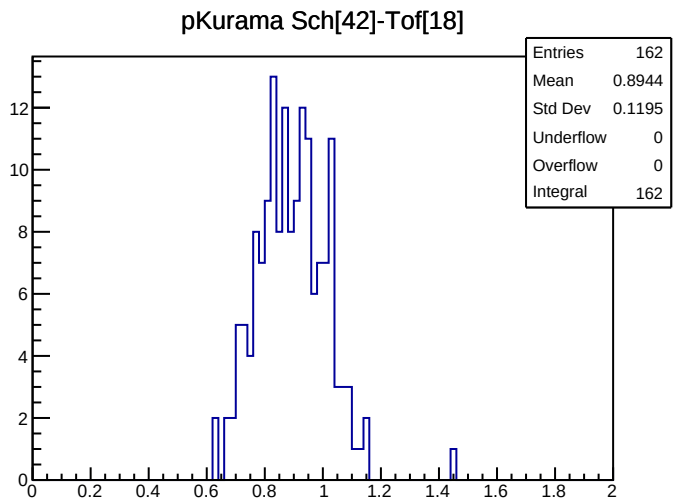

m2 Sch[42]-Tof[17]
Entries 18
Mean 0.6278
Std Dev 0.4133
Underflow 1
Overflow 0
Integral 17
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

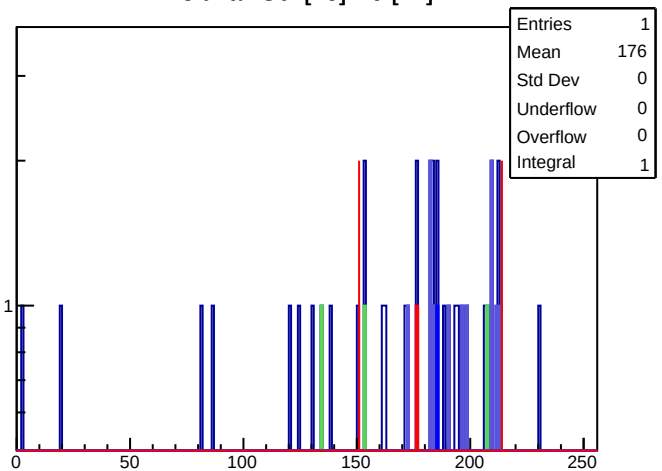

pKurama Sch[42]-Tof[17]
Entries 18
Mean 0.7743
Std Dev 0.1152
Underflow 0
Overflow 0
Integral 18
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

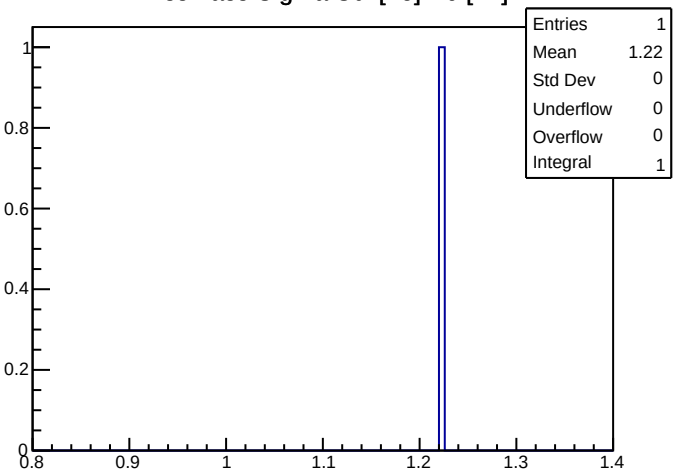

sftx all Sch[42]-Tof[18]
Entries 2
Mean 160
Std Dev 3
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

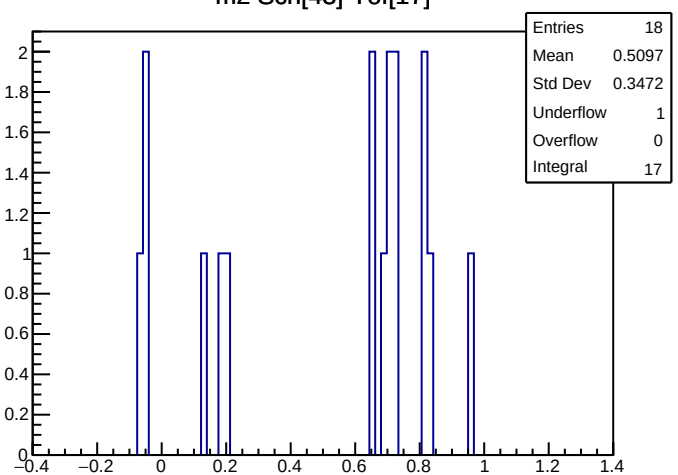

MissMass Sigma Sch[42]-Tof[18]
Entries 3
Mean 1.242
Std Dev 0.05127
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

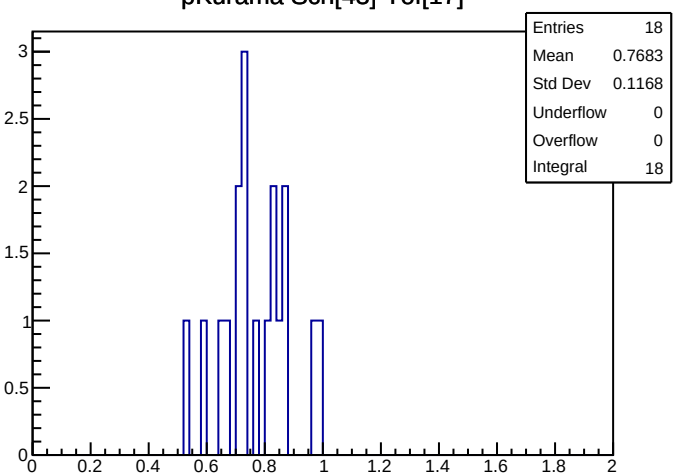

m2 Sch[42]-Tof[18]
Entries 162
Mean 0.7537
Std Dev 0.2427
Underflow 3
Overflow 2
Integral 157
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

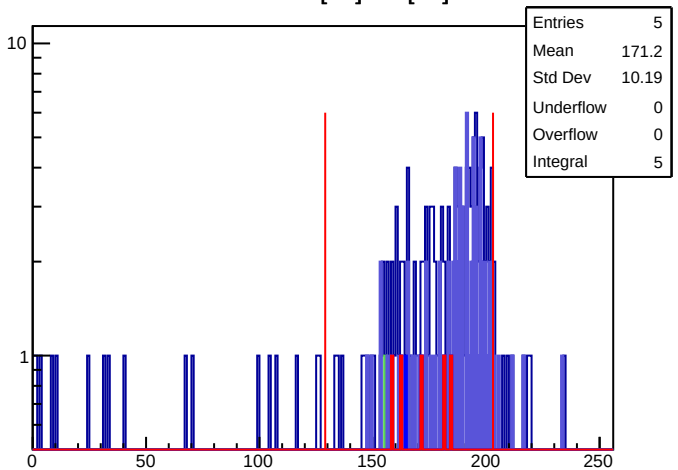

pKurama Sch[42]-Tof[18]
Entries 162
Mean 0.8944
Std Dev 0.1195
Underflow 0
Overflow 0
Integral 162
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

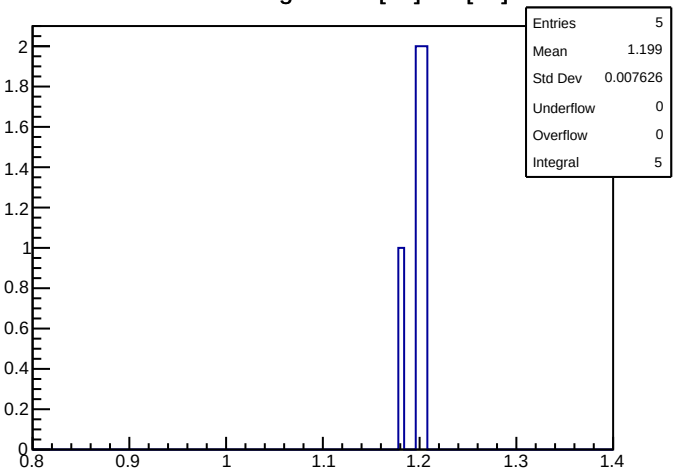

sftx all Sch[43]-Tof[17]
Entries 1
Mean 176
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

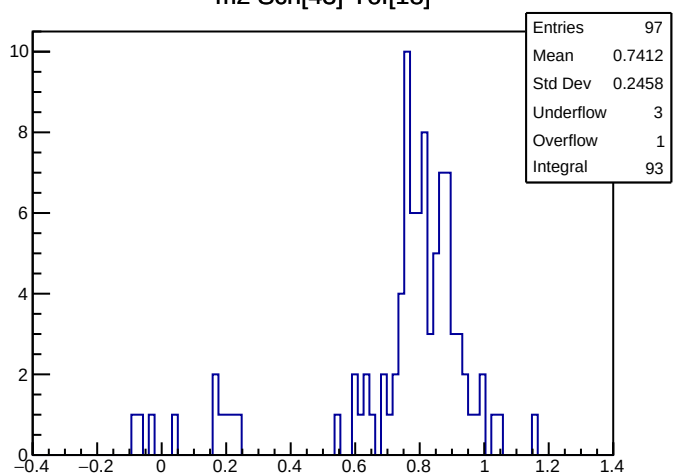

MissMass Sigma Sch[43]-Tof[17]
Entries 1
Mean 1.22
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

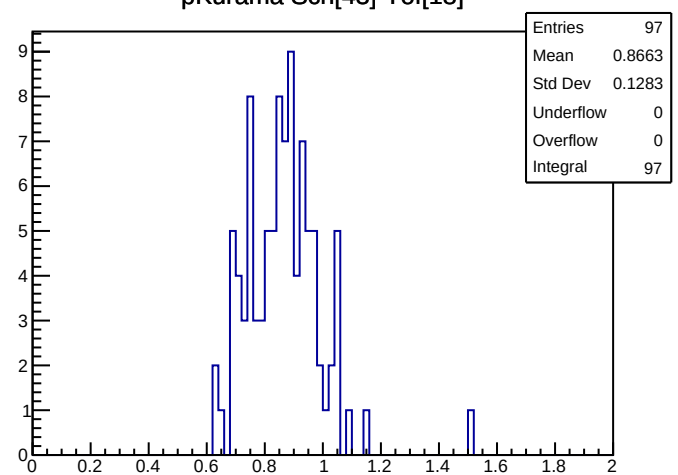

m2 Sch[43]-Tof[17]
Entries 18
Mean 0.5097
Std Dev 0.3472
Underflow 1
Overflow 0
Integral 17
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

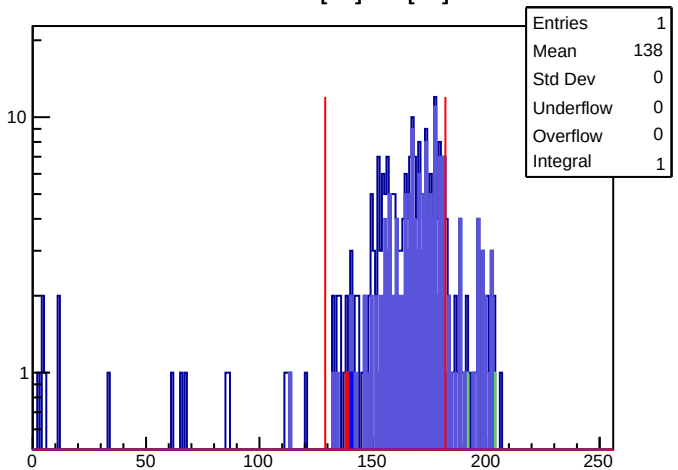

pKurama Sch[43]-Tof[17]
Entries 18
Mean 0.7683
Std Dev 0.1168
Underflow 0
Overflow 0
Integral 18
0
0.5
1
1.5
2
2.5
3
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

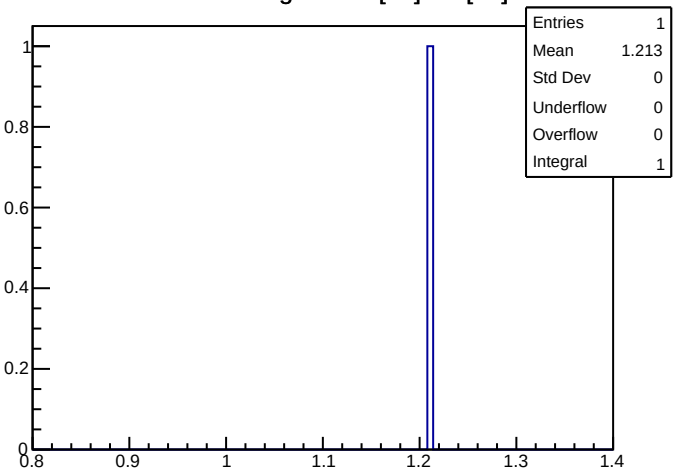

sftx all Sch[43]-Tof[18]
Entries 5
Mean 171.2
Std Dev 10.19
Underflow 0
Overflow 0
Integral 5

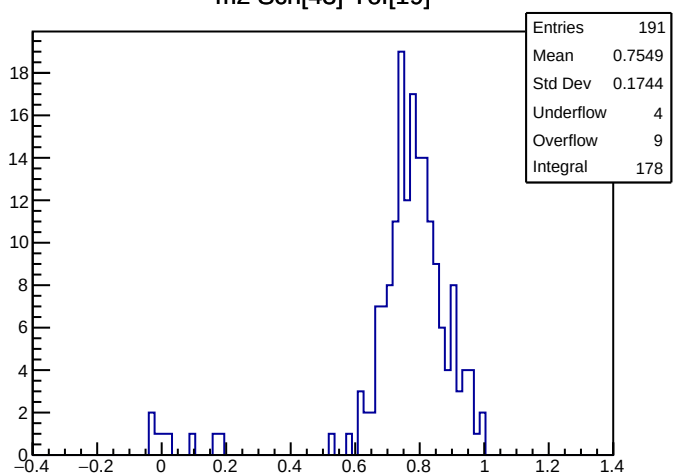

MissMass Sigma Sch[43]-Tof[18]
Entries 5
Mean 1.199
Std Dev 0.007626
Underflow 0
Overflow 0
Integral 5

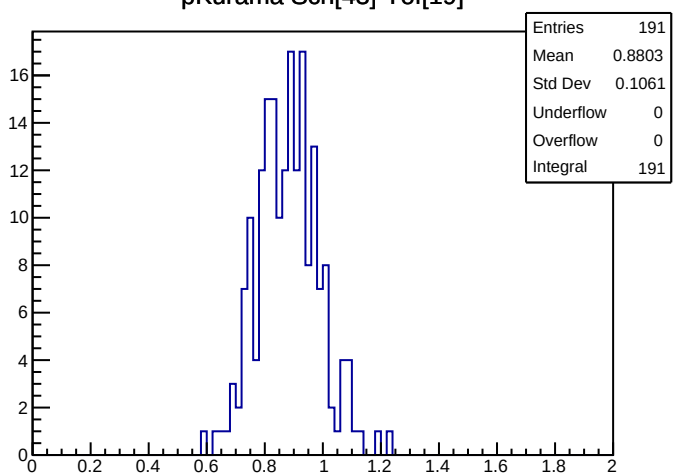

m2 Sch[43]-Tof[18]
Entries 97
Mean 0.7412
Std Dev 0.2458
Underflow 3
Overflow 1
Integral 93

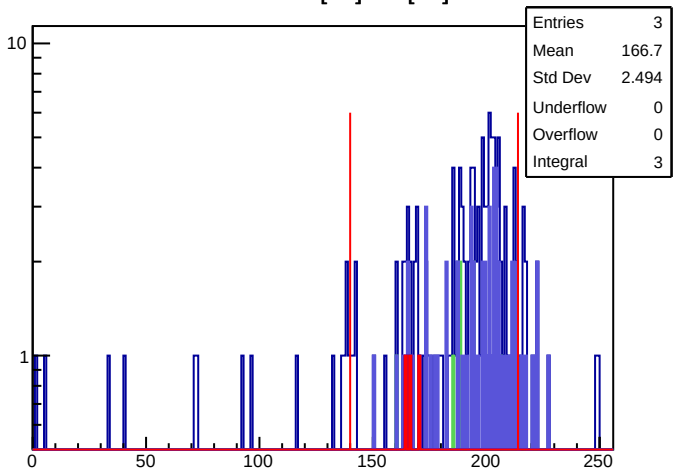

pKurama Sch[43]-Tof[18]
Entries 97
Mean 0.8663
Std Dev 0.1283
Underflow 0
Overflow 0
Integral 97

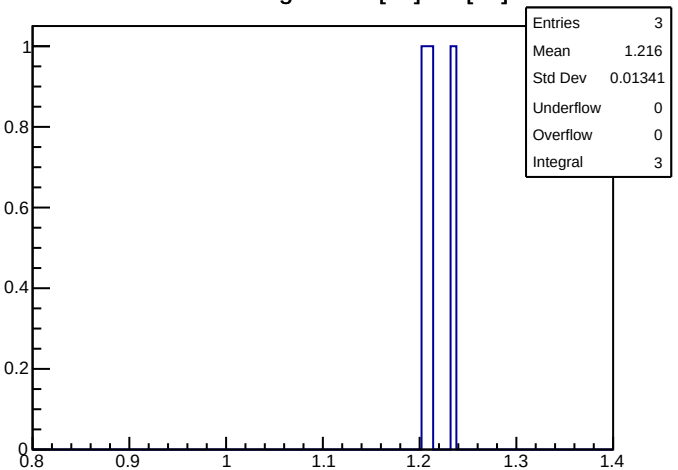

sftx all Sch[43]-Tof[19]
Entries 1
Mean 138
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

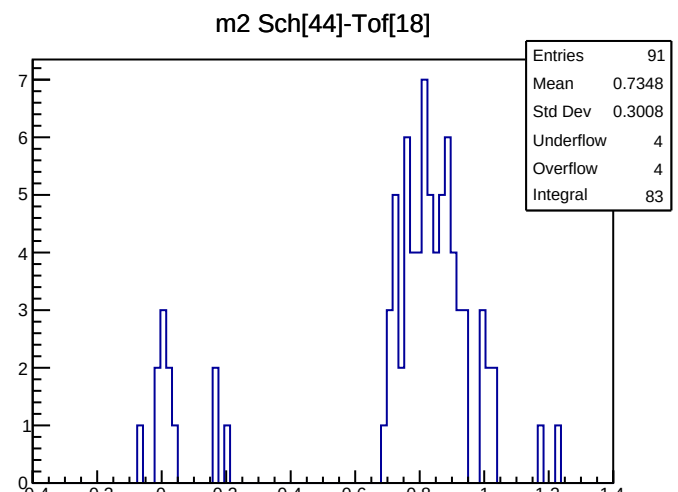

MissMass Sigma Sch[43]-Tof[19]
Entries 1
Mean 1.213
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

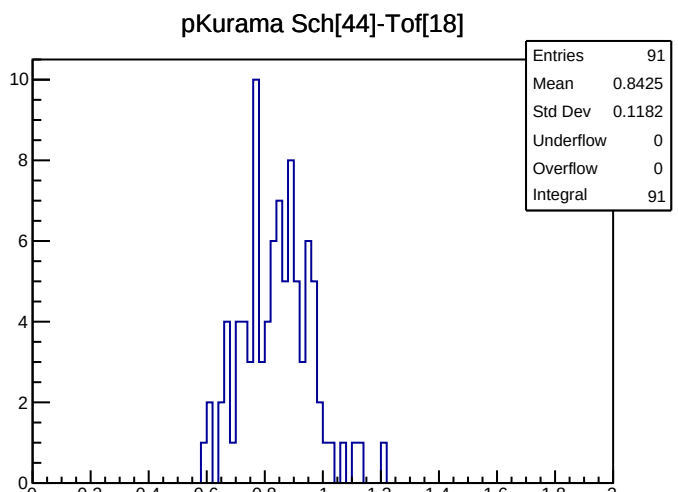

m2 Sch[43]-Tof[19]
Entries 191
Mean 0.7549
Std Dev 0.1744
Underflow 4
Overflow 9
Integral 178
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

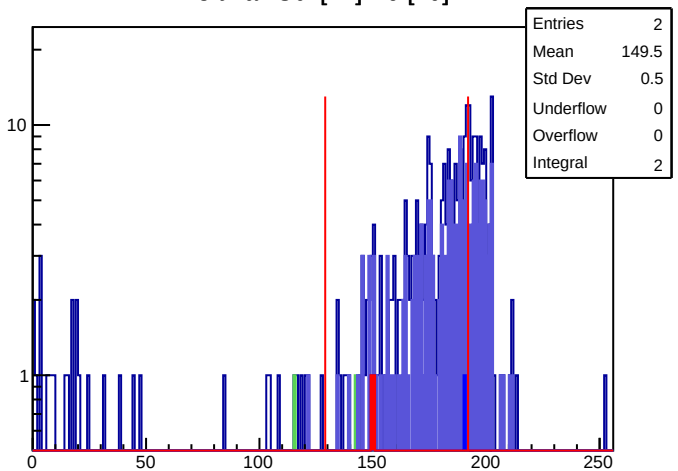

pKurama Sch[43]-Tof[19]
Entries 191
Mean 0.8803
Std Dev 0.1061
Underflow 0
Overflow 0
Integral 191
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

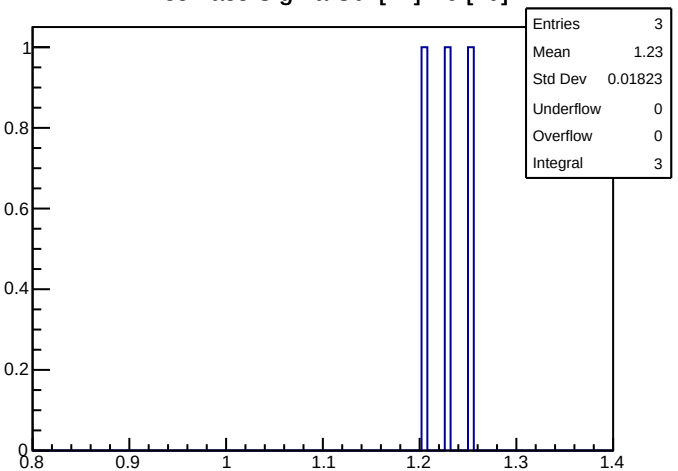

sftx all Sch[44]-Tof[18]
Entries 3
Mean 166.7
Std Dev 2.494
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

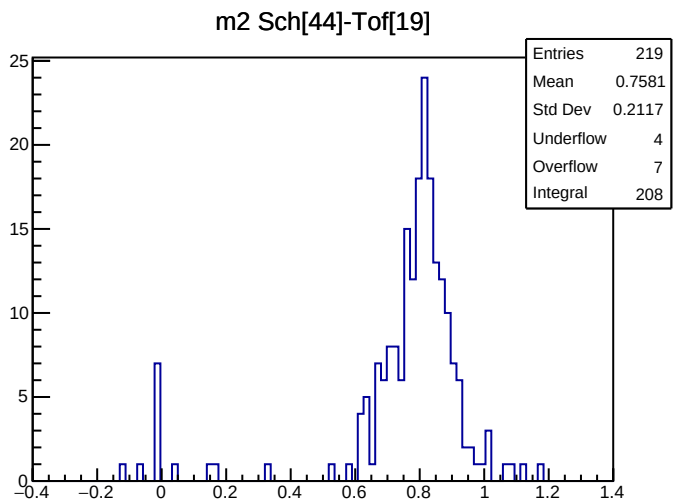

MissMass Sigma Sch[44]-Tof[18]
Entries 3
Mean 1.216
Std Dev 0.01341
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

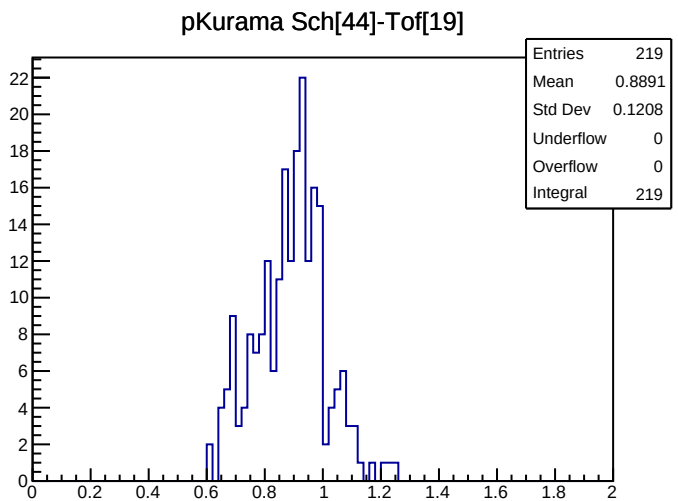

m2 Sch[44]-Tof[18]
Entries 91
Mean 0.7348
Std Dev 0.3008
Underflow 4
Overflow 4
Integral 83
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

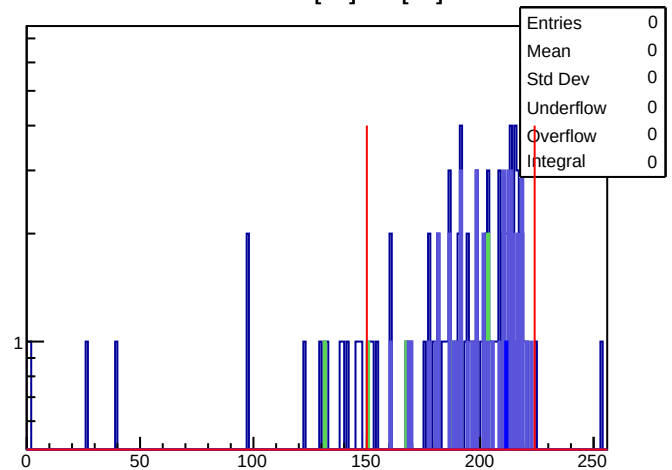

pKurama Sch[44]-Tof[18]
Entries 91
Mean 0.8425
Std Dev 0.1182
Underflow 0
Overflow 0
Integral 91
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

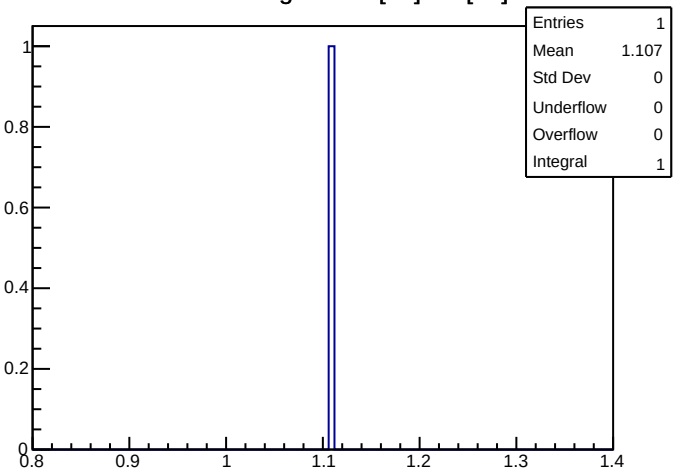

sftx all Sch[44]-Tof[19]
Entries 2
Mean 149.5
Std Dev 0.5
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

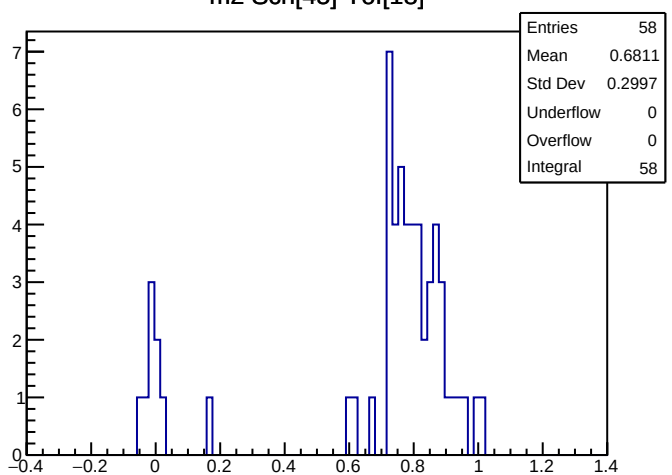

MissMass Sigma Sch[44]-Tof[19]
Entries 3
Mean 1.23
Std Dev 0.01823
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

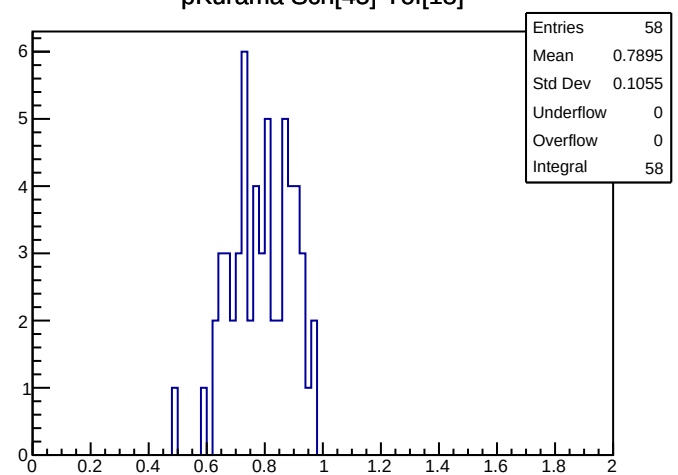

m2 Sch[44]-Tof[19]
Entries 219
Mean 0.7581
Std Dev 0.2117
Underflow 4
Overflow 7
Integral 208
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

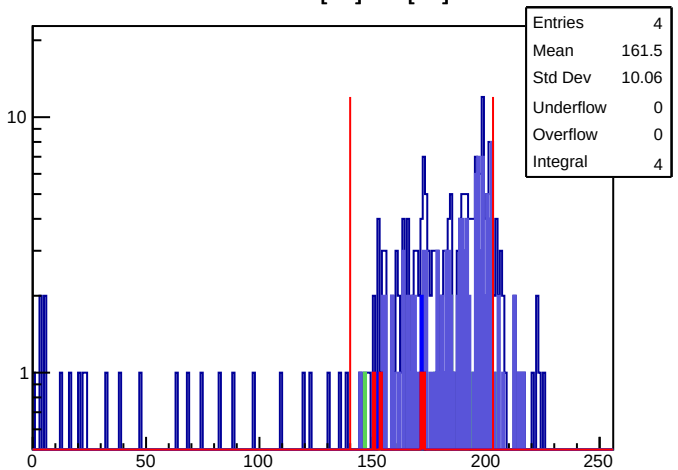

pKurama Sch[44]-Tof[19]
Entries 219
Mean 0.8891
Std Dev 0.1208
Underflow 0
Overflow 0
Integral 219
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

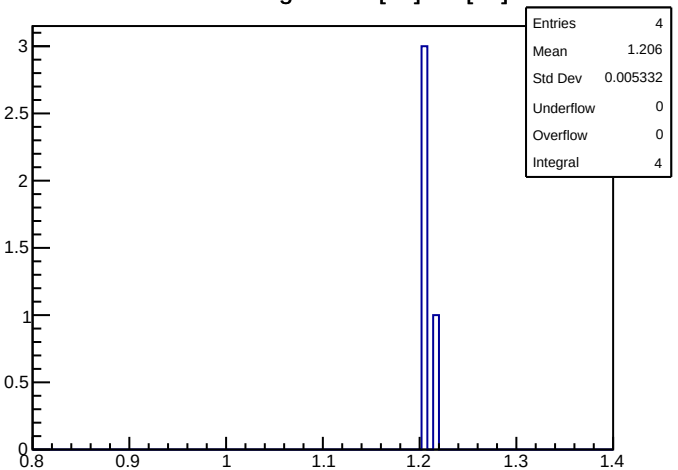

sftx all Sch[45]-Tof[18]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
0
50
100
150
200
250
1

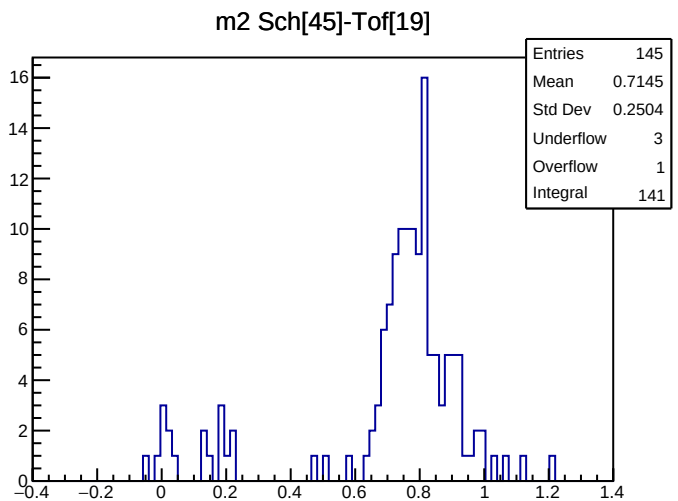

MissMass Sigma Sch[45]-Tof[18]
Entries 1
Mean 1.107
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

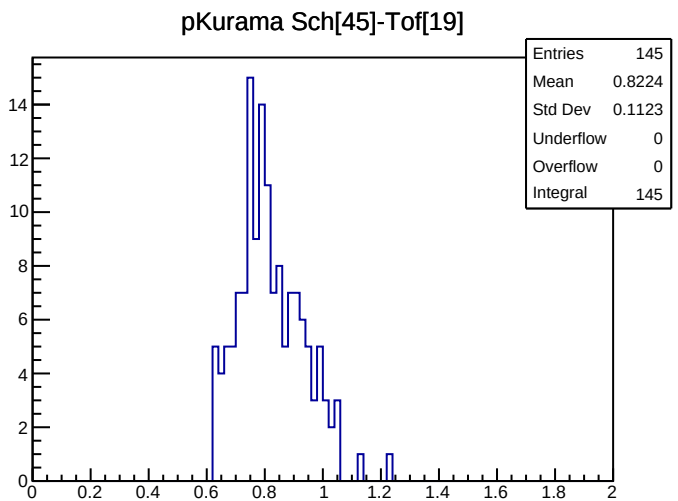

m2 Sch[45]-Tof[18]
Entries 58
Mean 0.6811
Std Dev 0.2997
Underflow 0
Overflow 0
Integral 58
0
1
2
3
4
5
6
7
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

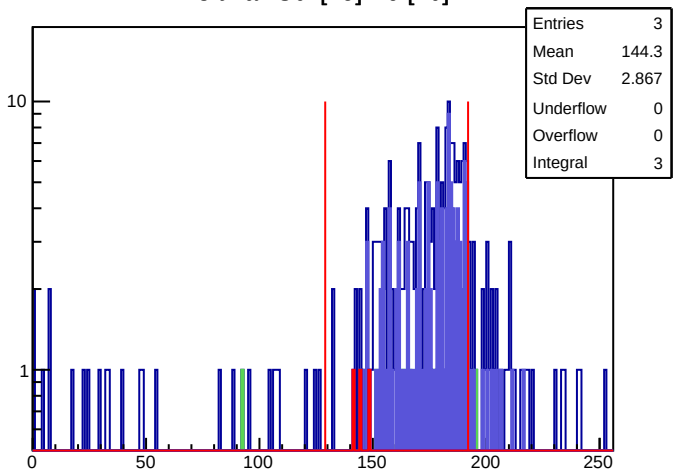

pKurama Sch[45]-Tof[18]
Entries 58
Mean 0.7895
Std Dev 0.1055
Underflow 0
Overflow 0
Integral 58
0
1
2
3
4
5
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

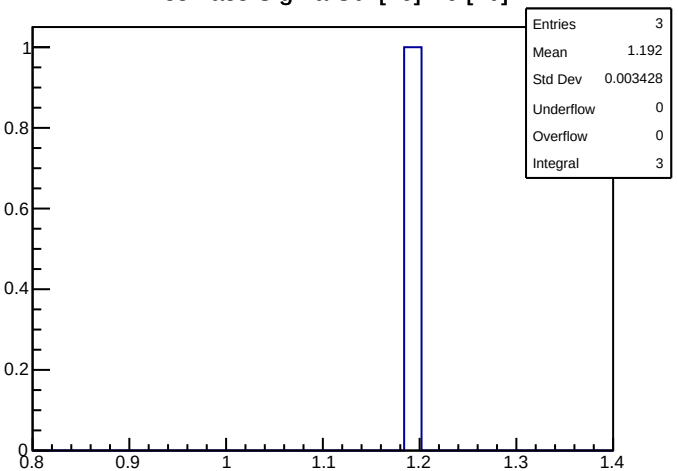

sftx all Sch[45]-Tof[19]
Entries 4
Mean 161.5
Std Dev 10.06
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

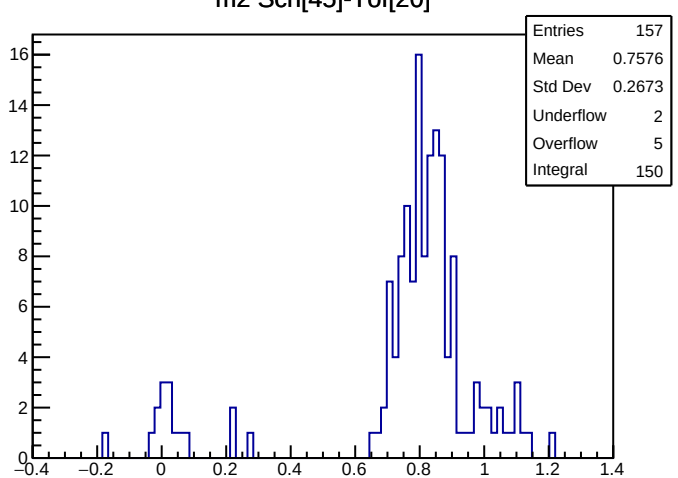

MissMass Sigma Sch[45]-Tof[19]
Entries 4
Mean 1.206
Std Dev 0.005332
Underflow 0
Overflow 0
Integral 4
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

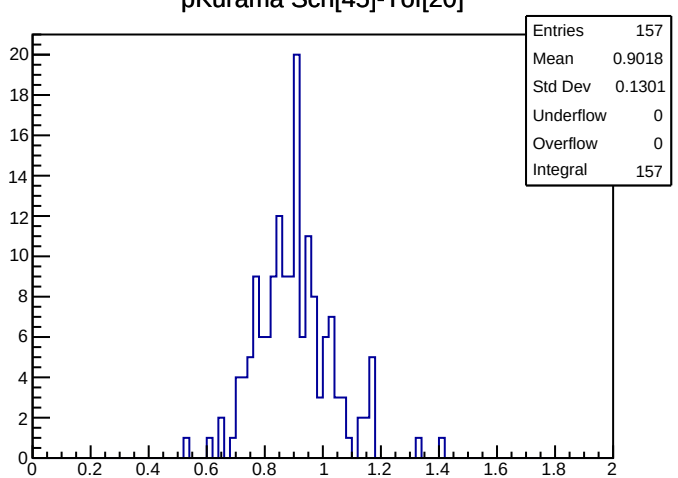

m2 Sch[45]-Tof[19]
Entries 145
Mean 0.7145
Std Dev 0.2504
Underflow 3
Overflow 1
Integral 141
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

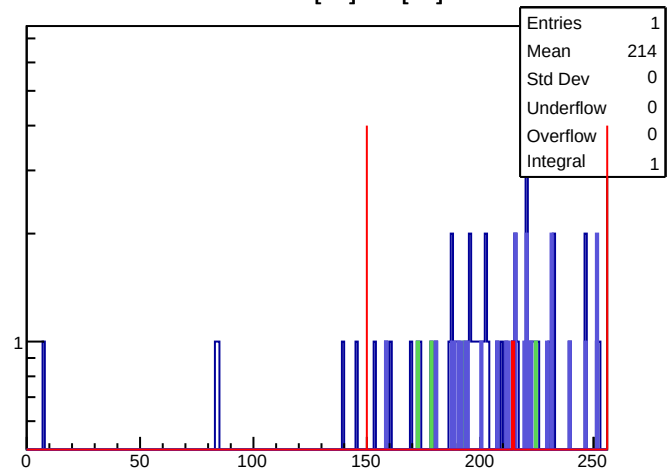

pKurama Sch[45]-Tof[19]
Entries 145
Mean 0.8224
Std Dev 0.1123
Underflow 0
Overflow 0
Integral 145
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

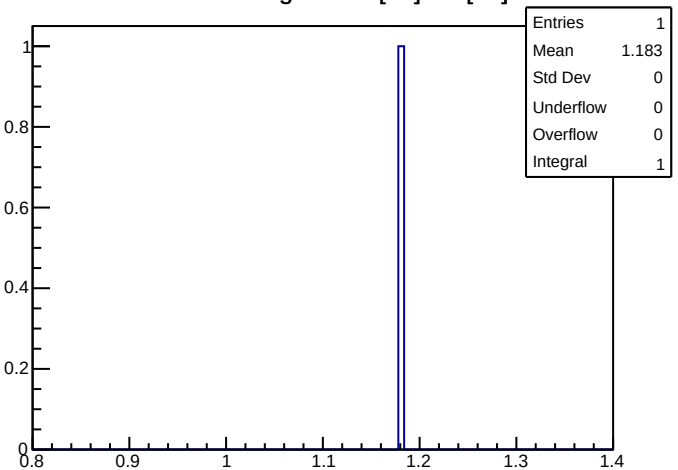

sftx all Sch[45]-Tof[20]
Entries 3
Mean 144.3
Std Dev 2.867
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

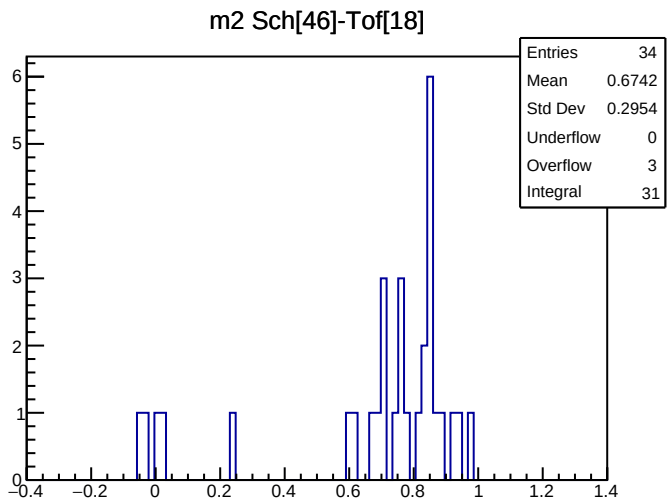

MissMass Sigma Sch[45]-Tof[20]
Entries 3
Mean 1.192
Std Dev 0.003428
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

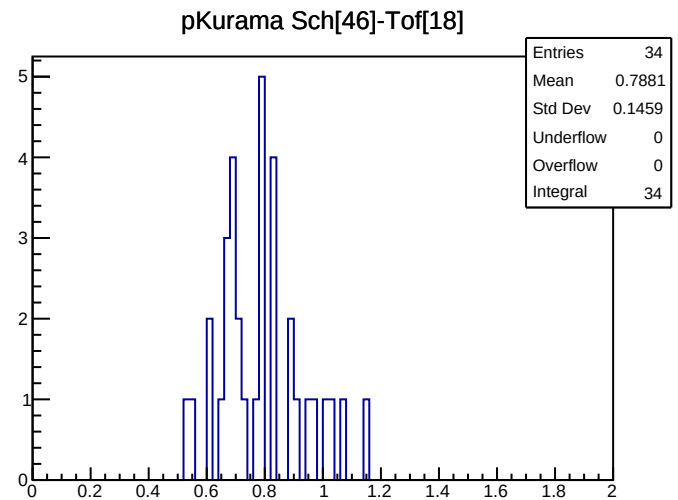

m2 Sch[45]-Tof[20]
Entries 157
Mean 0.7576
Std Dev 0.2673
Underflow 2
Overflow 5
Integral 150
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

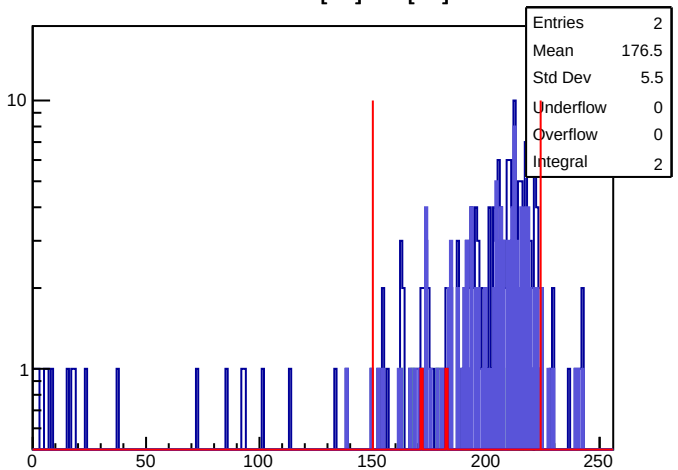

pKurama Sch[45]-Tof[20]
Entries 157
Mean 0.9018
Std Dev 0.1301
Underflow 0
Overflow 0
Integral 157
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

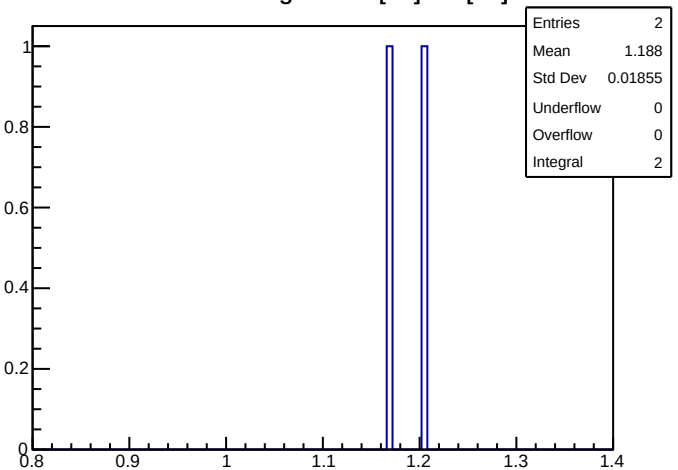

sftx all Sch[46]-Tof[18]
Entries 1
Mean 214
Std Dev 0
Underflow 0
Overflow 0
Integral 1

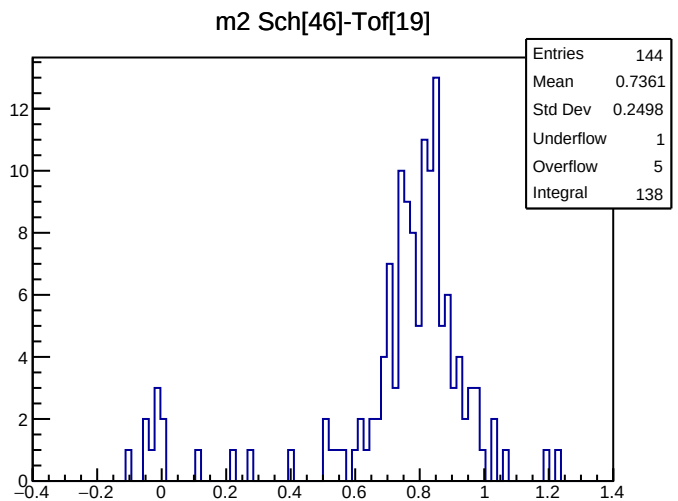

MissMass Sigma Sch[46]-Tof[18]
Entries 1
Mean 1.183
Std Dev 0
Underflow 0
Overflow 0
Integral 1

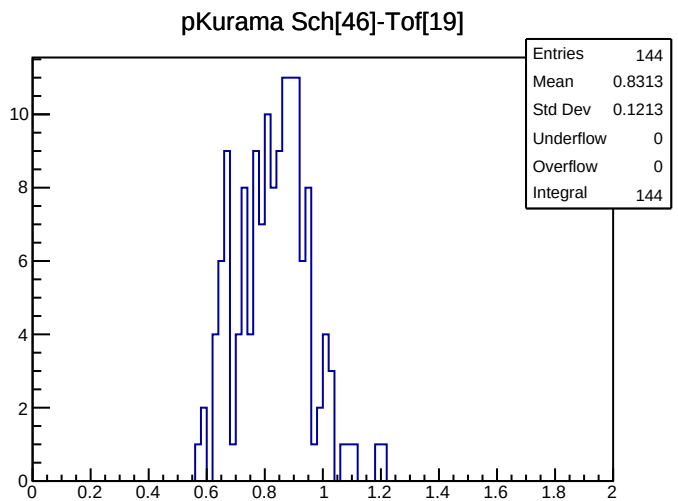

m2 Sch[46]-Tof[18]
Entries 34
Mean 0.6742
Std Dev 0.2954
Underflow 0
Overflow 3
Integral 31

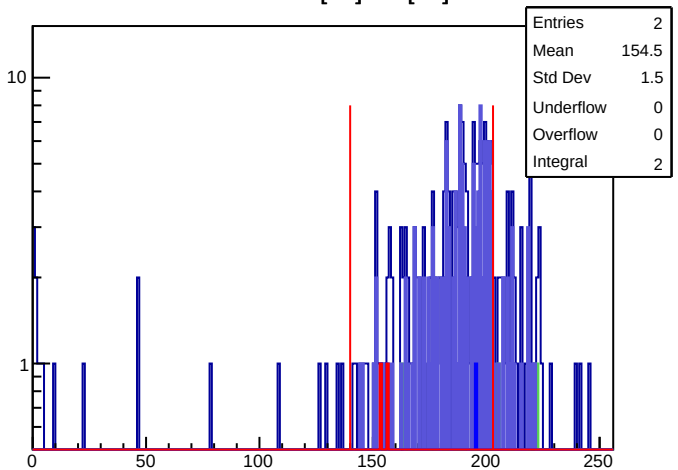

pKurama Sch[46]-Tof[18]
Entries 34
Mean 0.7881
Std Dev 0.1459
Underflow 0
Overflow 0
Integral 34

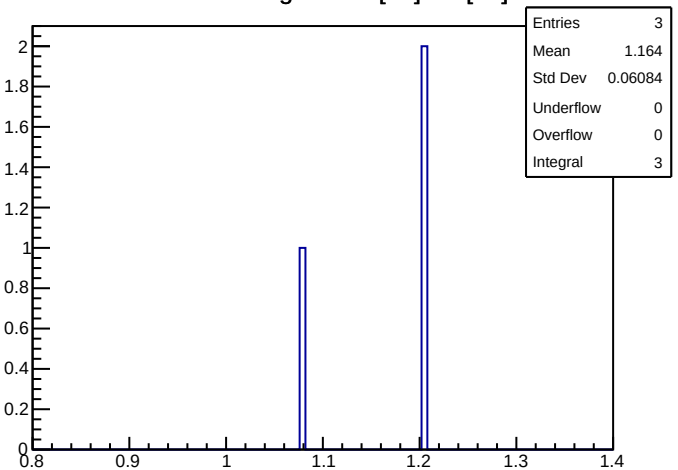

sftx all Sch[46]-Tof[19]
Entries 2
Mean 176.5
Std Dev 5.5
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

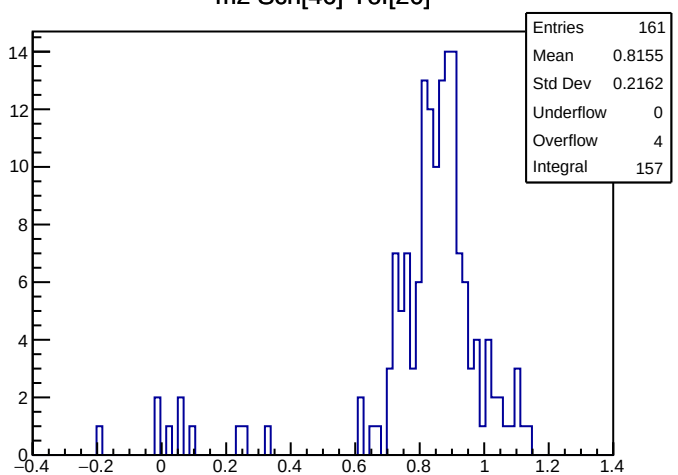

MissMass Sigma Sch[46]-Tof[19]
Entries 2
Mean 1.188
Std Dev 0.01855
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

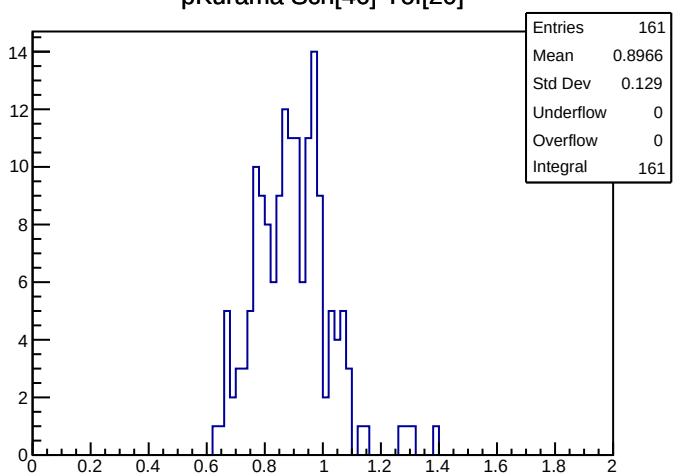

m2 Sch[46]-Tof[19]
Entries 144
Mean 0.7361
Std Dev 0.2498
Underflow 1
Overflow 5
Integral 138
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

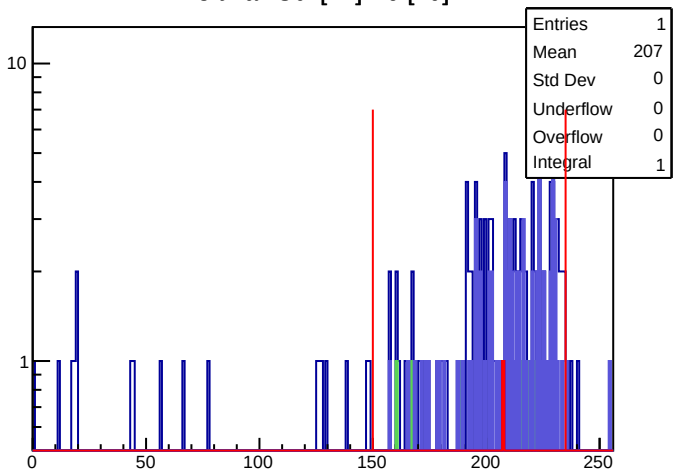

pKurama Sch[46]-Tof[19]
Entries 144
Mean 0.8313
Std Dev 0.1213
Underflow 0
Overflow 0
Integral 144
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

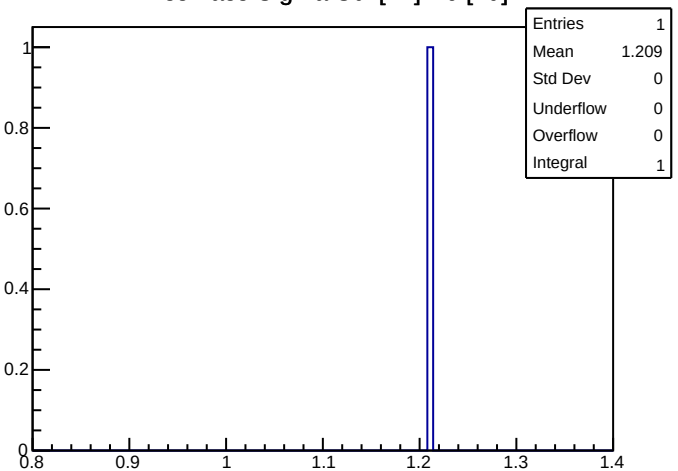

sftx all Sch[46]-Tof[20]
Entries 2
Mean 154.5
Std Dev 1.5
Underflow 0
Overflow 0
Integral 2

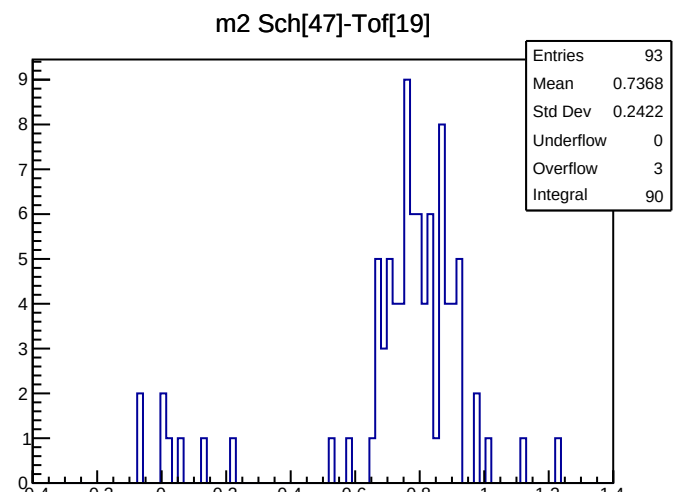

MissMass Sigma Sch[46]-Tof[20]
Entries 3
Mean 1.164
Std Dev 0.06084
Underflow 0
Overflow 0
Integral 3

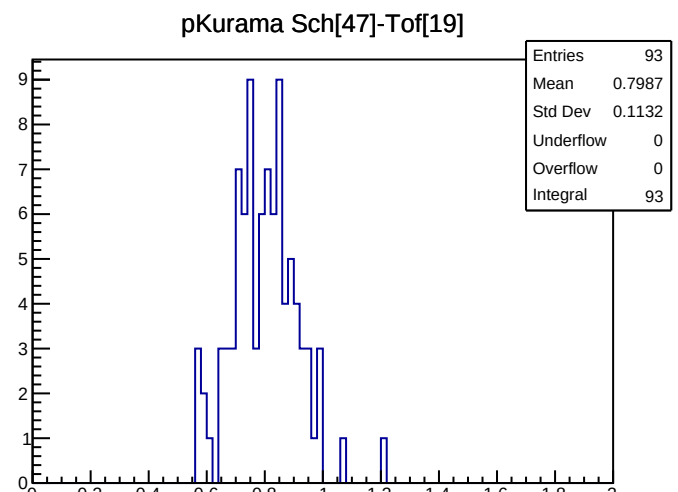

m2 Sch[46]-Tof[20]
Entries 161
Mean 0.8155
Std Dev 0.2162
Underflow 0
Overflow 4
Integral 157

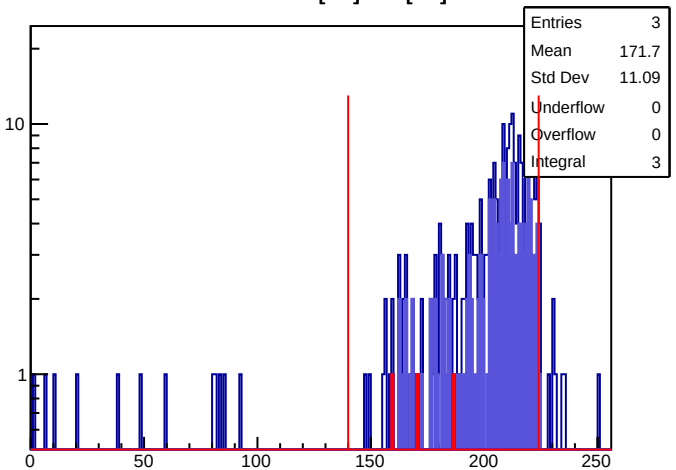

pKurama Sch[46]-Tof[20]
Entries 161
Mean 0.8966
Std Dev 0.129
Underflow 0
Overflow 0
Integral 161

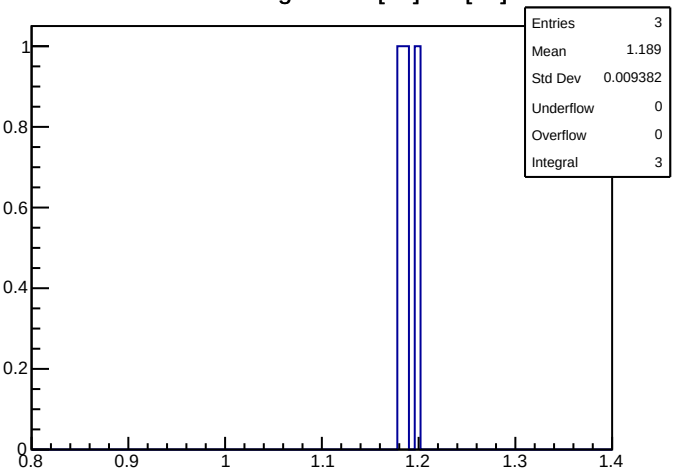

sftx all Sch[47]-Tof[19]
Entries 1
Mean 207
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

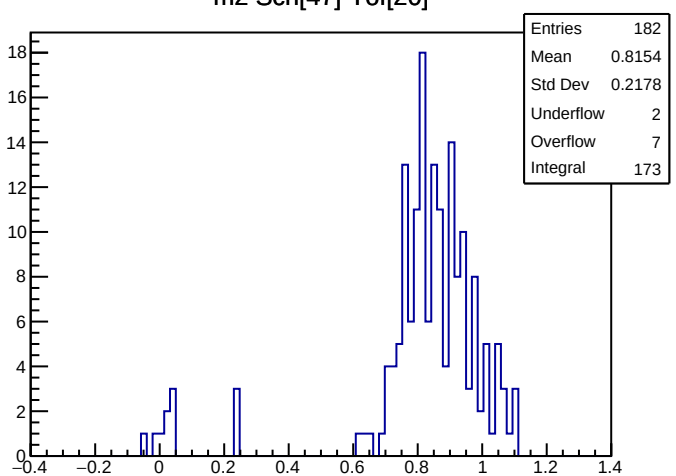

MissMass Sigma Sch[47]-Tof[19]
Entries 1
Mean 1.209
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

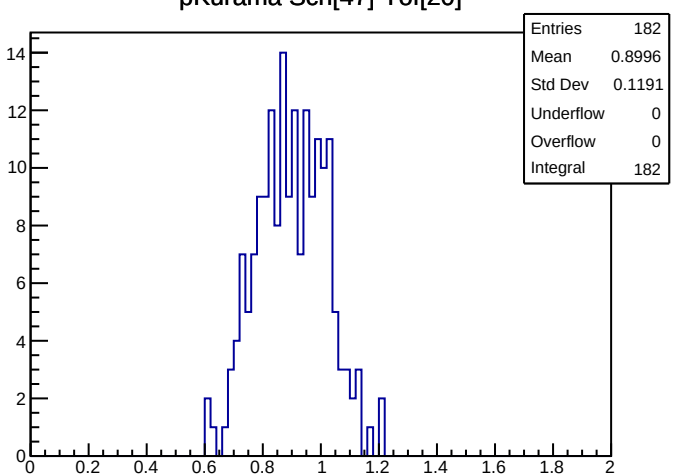

m2 Sch[47]-Tof[19]
Entries 93
Mean 0.7368
Std Dev 0.2422
Underflow 0
Overflow 3
Integral 90
9
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

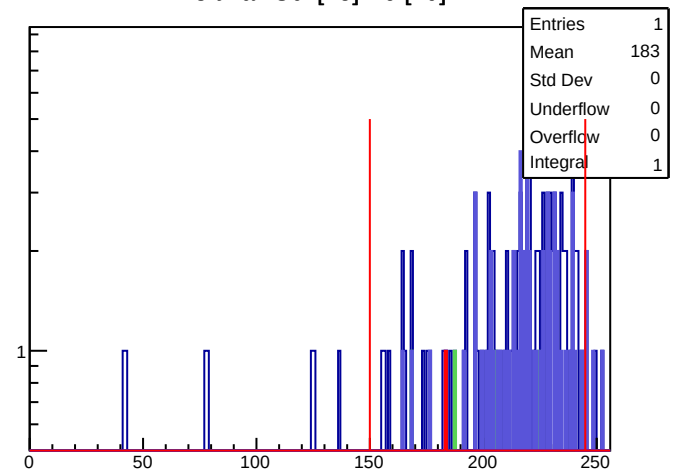

pKurama Sch[47]-Tof[19]
Entries 93
Mean 0.7987
Std Dev 0.1132
Underflow 0
Overflow 0
Integral 93
9
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

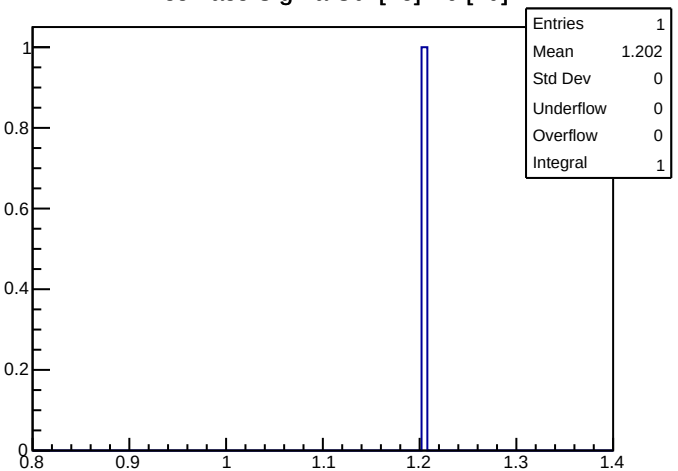

sftx all Sch[47]-Tof[20]
Entries 3
Mean 171.7
Std Dev 11.09
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

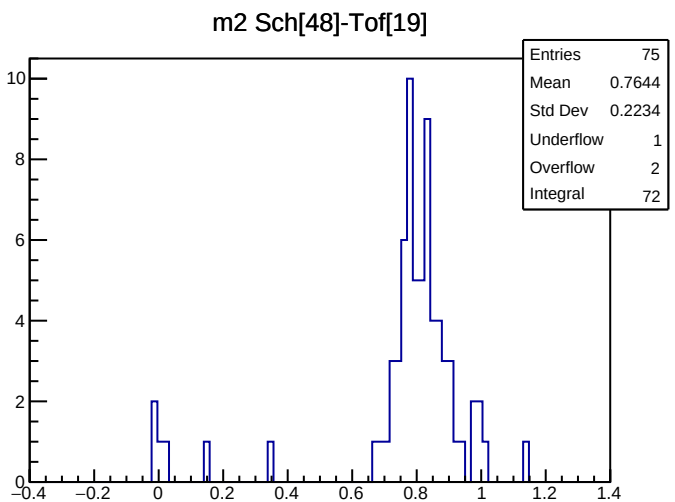

MissMass Sigma Sch[47]-Tof[20]
Entries 3
Mean 1.189
Std Dev 0.009382
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

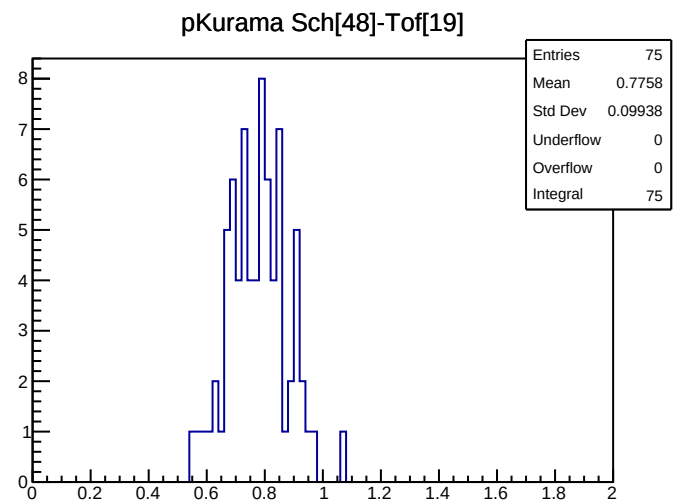

m2 Sch[47]-Tof[20]
Entries 182
Mean 0.8154
Std Dev 0.2178
Underflow 2
Overflow 7
Integral 173
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

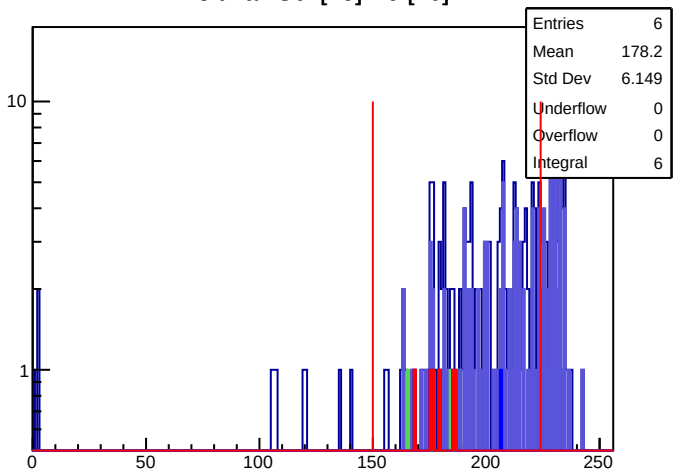

pKurama Sch[47]-Tof[20]
Entries 182
Mean 0.8996
Std Dev 0.1191
Underflow 0
Overflow 0
Integral 182
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

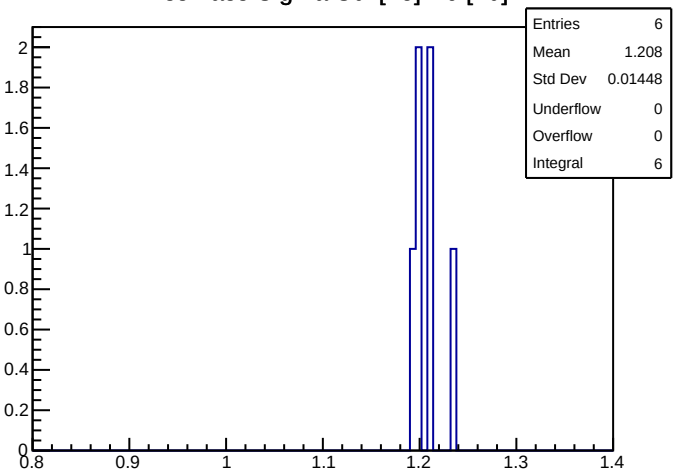

sftx all Sch[48]-Tof[19]
Entries 1
Mean 183
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

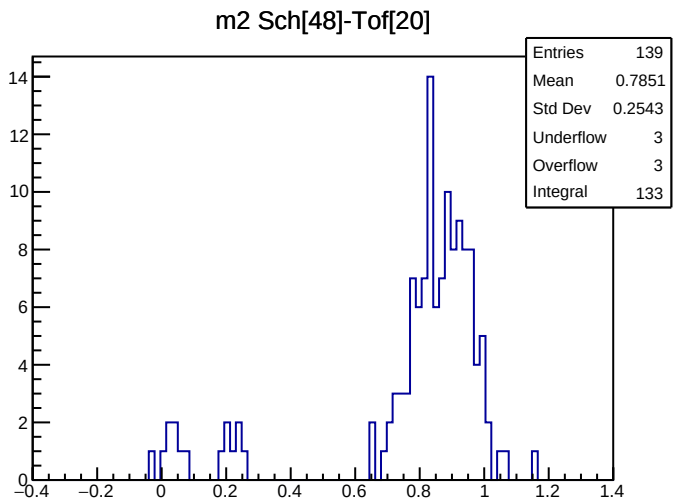

MissMass Sigma Sch[48]-Tof[19]
Entries 1
Mean 1.202
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

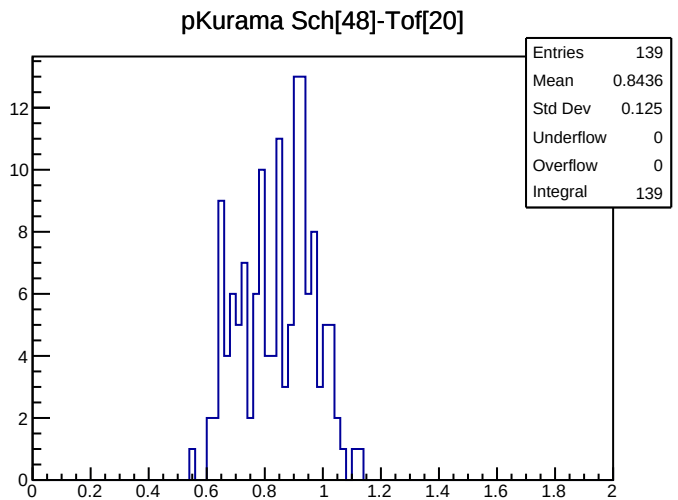

m2 Sch[48]-Tof[19]
Entries 75
Mean 0.7644
Std Dev 0.2234
Underflow 1
Overflow 2
Integral 72
0
2
4
6
8
10
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

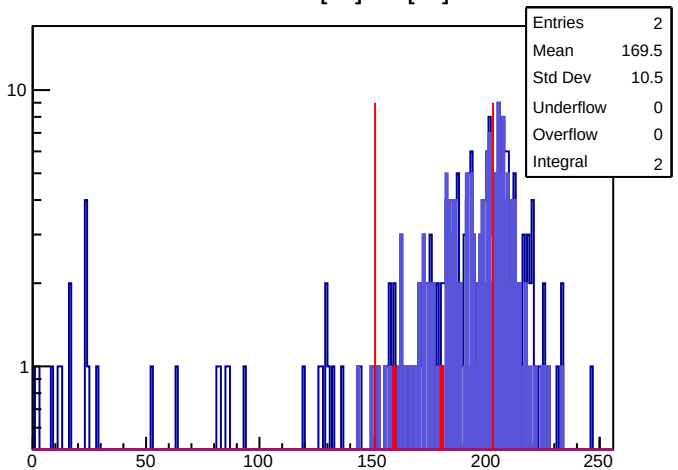

pKurama Sch[48]-Tof[19]
Entries 75
Mean 0.7758
Std Dev 0.09938
Underflow 0
Overflow 0
Integral 75
0
1
2
3
4
5
6
7
8
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

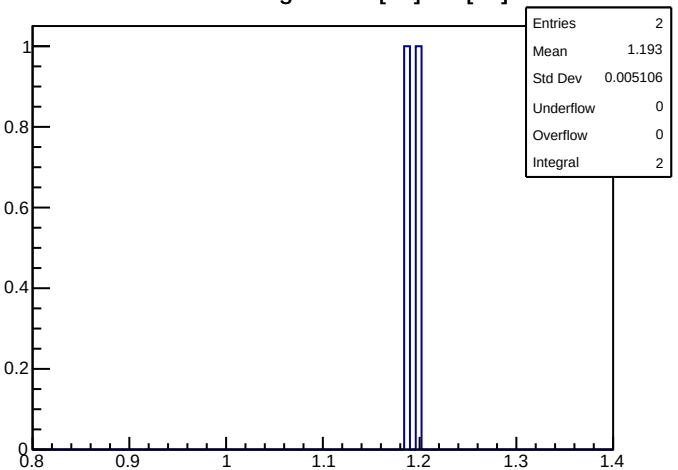

sftx all Sch[48]-Tof[20]
Entries 6
Mean 178.2
Std Dev 6.149
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

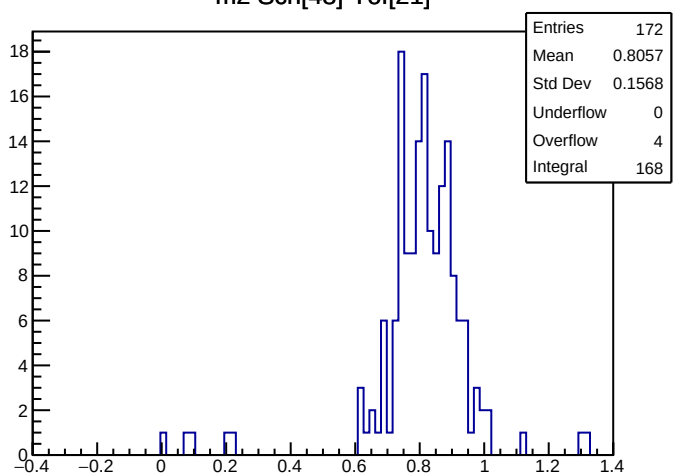

MissMass Sigma Sch[48]-Tof[20]
Entries 6
Mean 1.208
Std Dev 0.01448
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

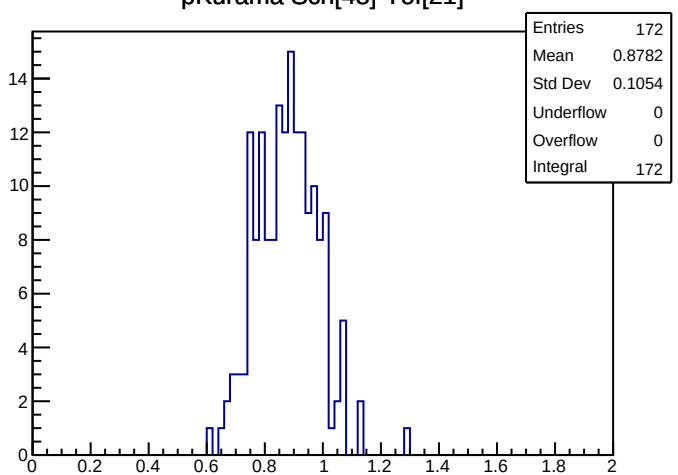

m2 Sch[48]-Tof[20]
Entries 139
Mean 0.7851
Std Dev 0.2543
Underflow 3
Overflow 3
Integral 133
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

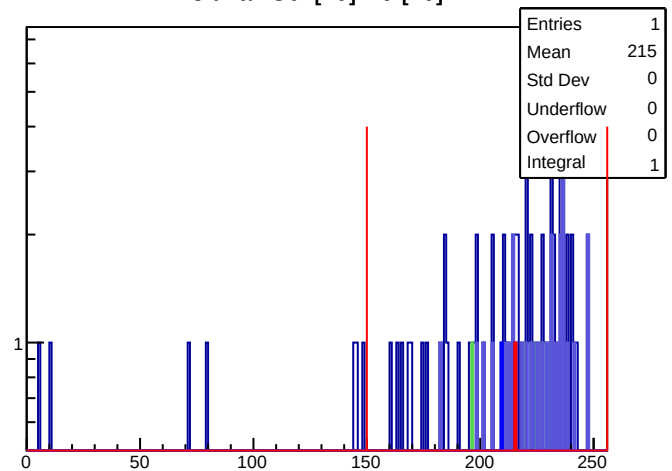

pKurama Sch[48]-Tof[20]
Entries 139
Mean 0.8436
Std Dev 0.125
Underflow 0
Overflow 0
Integral 139
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

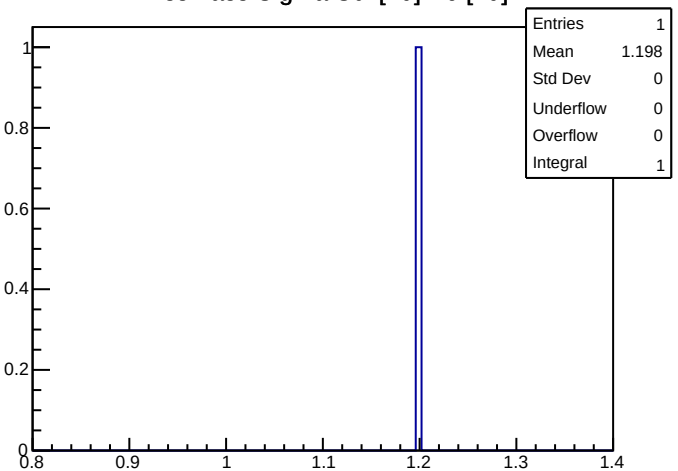

sftx all Sch[48]-Tof[21]
Entries 2
Mean 169.5
Std Dev 10.5
Underflow 0
Overflow 0
Integral 2

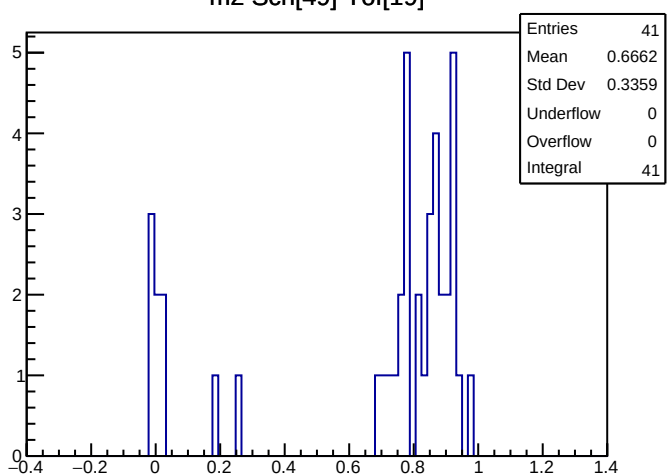

MissMass Sigma Sch[48]-Tof[21]
Entries 2
Mean 1.193
Std Dev 0.005106
Underflow 0
Overflow 0
Integral 2

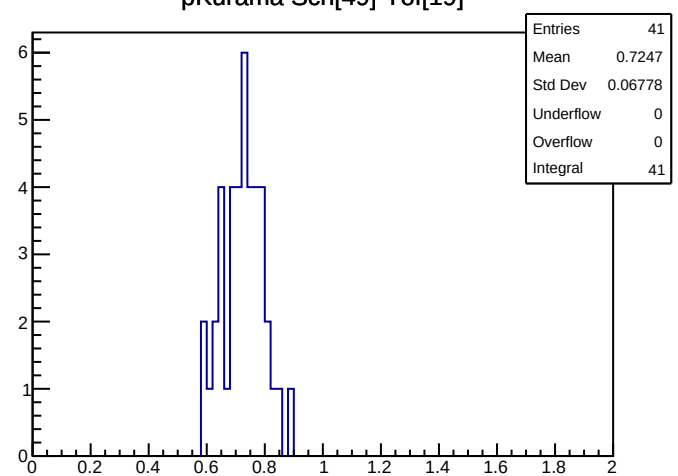

m2 Sch[48]-Tof[21]
Entries 172
Mean 0.8057
Std Dev 0.1568
Underflow 0
Overflow 4
Integral 168

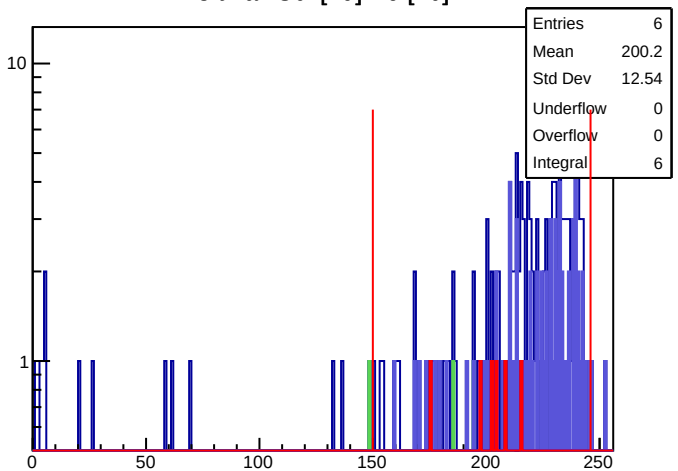

pKurama Sch[48]-Tof[21]
Entries 172
Mean 0.8782
Std Dev 0.1054
Underflow 0
Overflow 0
Integral 172

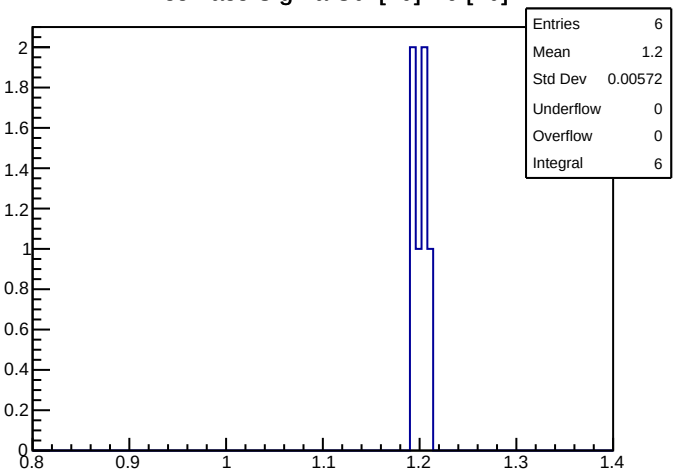

sftx all Sch[49]-Tof[19]
Entries 1
Mean 215
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

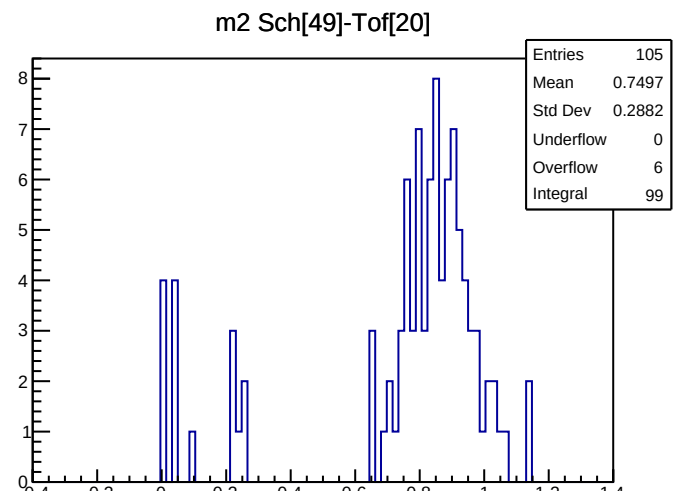

MissMass Sigma Sch[49]-Tof[19]
Entries 1
Mean 1.198
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

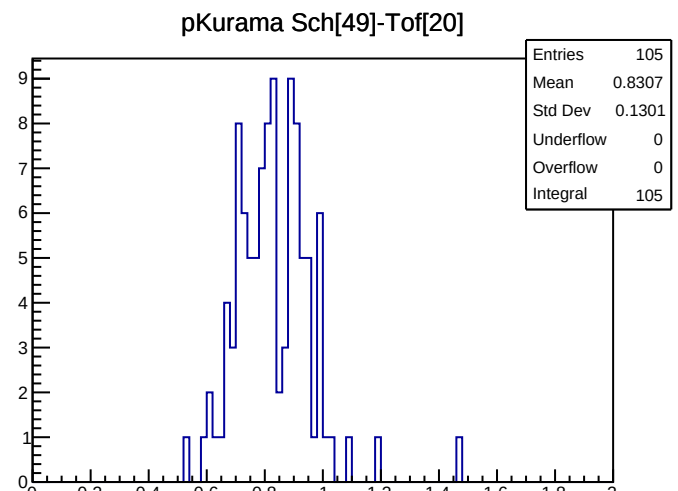

m2 Sch[49]-Tof[19]
Entries 41
Mean 0.6662
Std Dev 0.3359
Underflow 0
Overflow 0
Integral 41
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

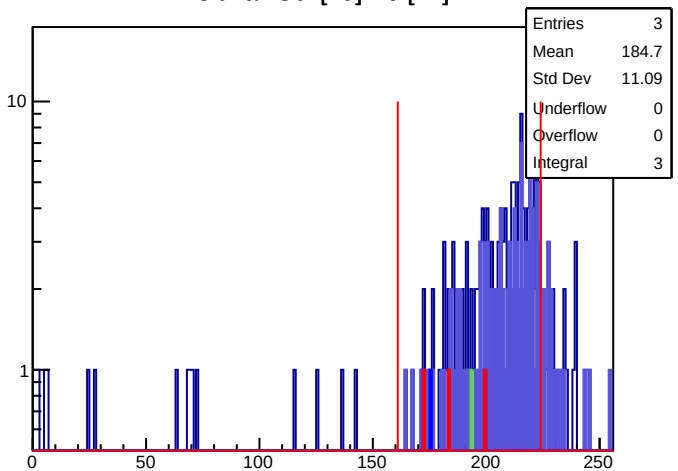

pKurama Sch[49]-Tof[19]
Entries 41
Mean 0.7247
Std Dev 0.06778
Underflow 0
Overflow 0
Integral 41
0
1
2
3
4
5
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

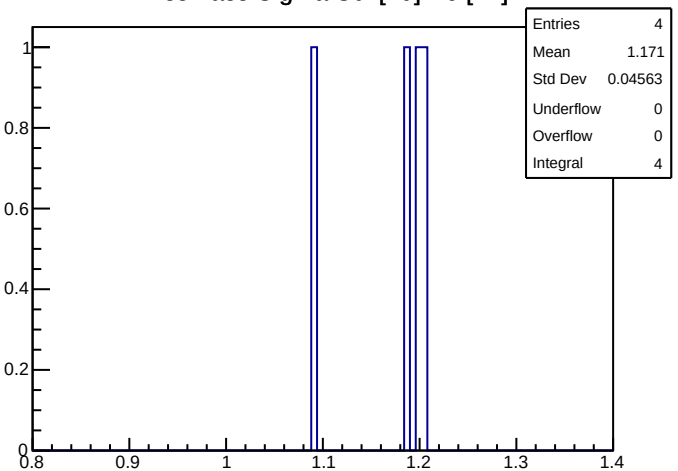

sftx all Sch[49]-Tof[20]
Entries 6
Mean 200.2
Std Dev 12.54
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

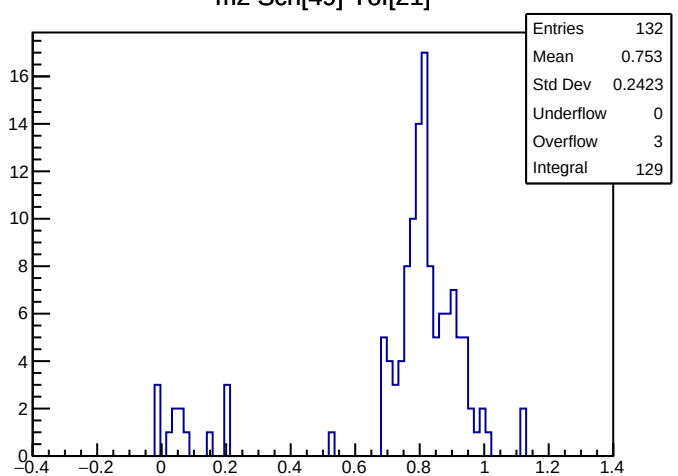

MissMass Sigma Sch[49]-Tof[20]
Entries 6
Mean 1.2
Std Dev 0.00572
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

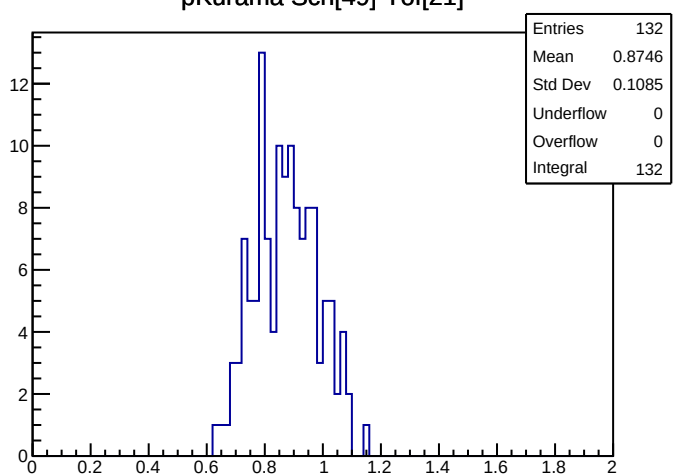

m2 Sch[49]-Tof[20]
Entries 105
Mean 0.7497
Std Dev 0.2882
Underflow 0
Overflow 6
Integral 99
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

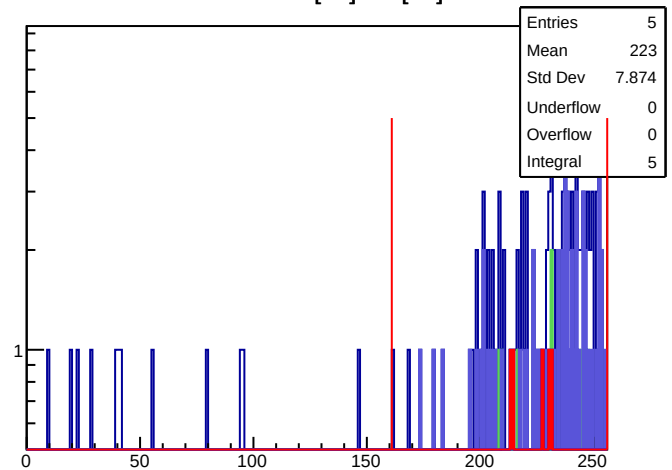

pKurama Sch[49]-Tof[20]
Entries 105
Mean 0.8307
Std Dev 0.1301
Underflow 0
Overflow 0
Integral 105
9
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

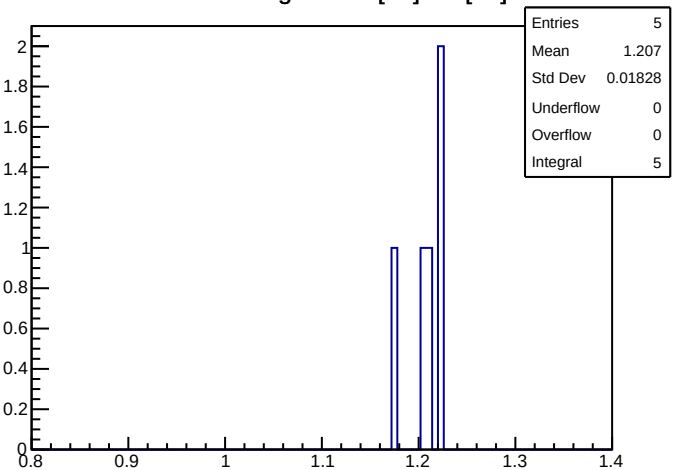

sftx all Sch[49]-Tof[21]
Entries 3
Mean 184.7
Std Dev 11.09
Underflow 0
Overflow 0
Integral 3

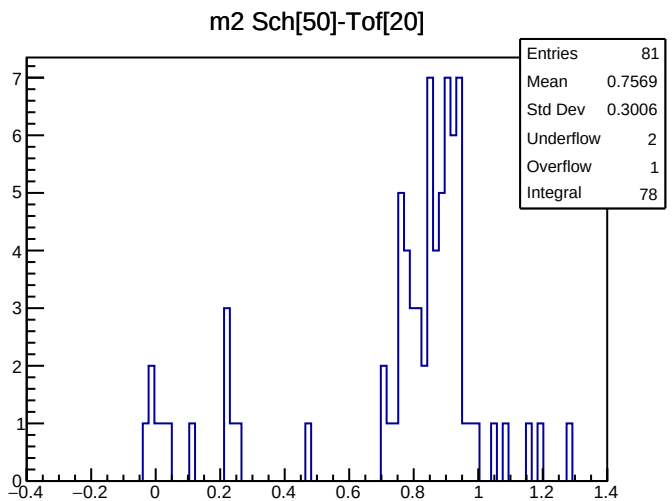

MissMass Sigma Sch[49]-Tof[21]
Entries 4
Mean 1.171
Std Dev 0.04563
Underflow 0
Overflow 0
Integral 4

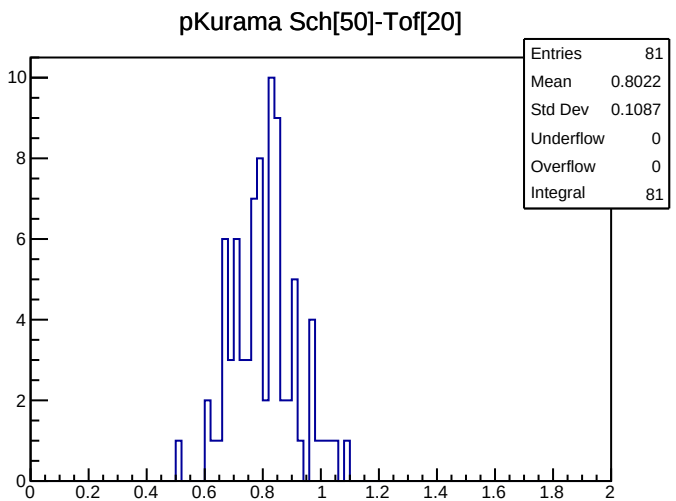

m2 Sch[49]-Tof[21]
Entries 132
Mean 0.753
Std Dev 0.2423
Underflow 0
Overflow 3
Integral 129

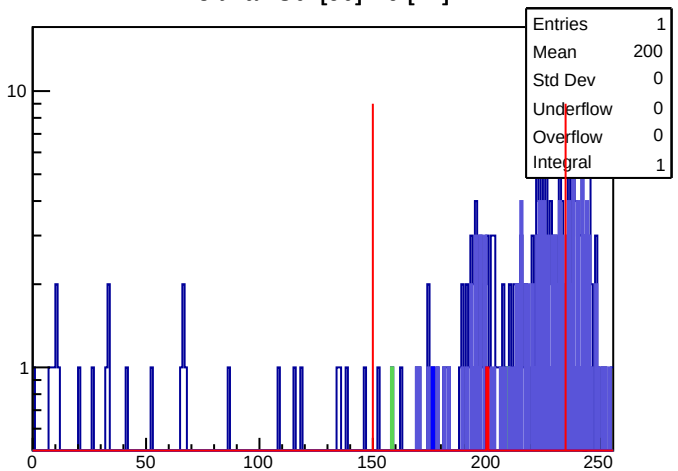

pKurama Sch[49]-Tof[21]
Entries 132
Mean 0.8746
Std Dev 0.1085
Underflow 0
Overflow 0
Integral 132

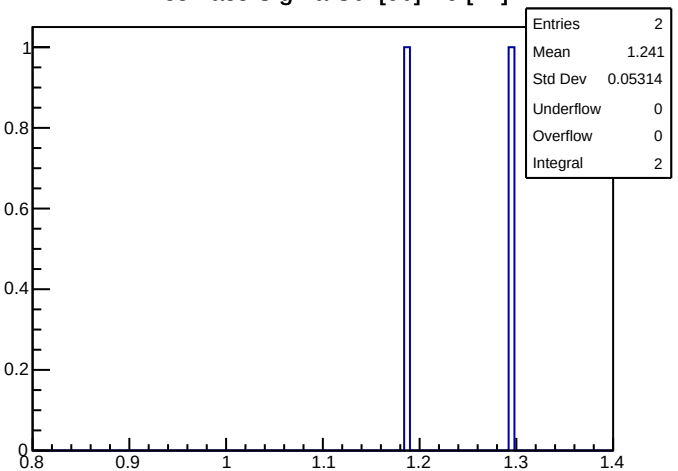

sftx all Sch[50]-Tof[20]
Entries 5
Mean 223
Std Dev 7.874
Underflow 0
Overflow 0
Integral 5
0
50
100
150
200
250
1

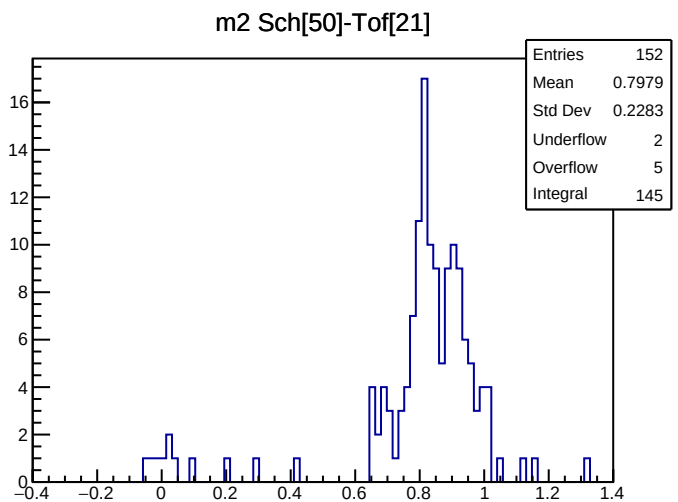

MissMass Sigma Sch[50]-Tof[20]
Entries 5
Mean 1.207
Std Dev 0.01828
Underflow 0
Overflow 0
Integral 5
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0.8
0.9
1
1.1
1.2
1.3
1.4

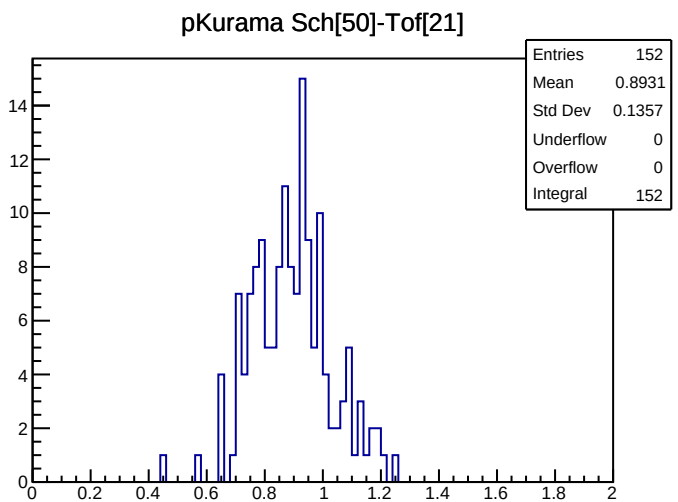

m2 Sch[50]-Tof[20]
Entries 81
Mean 0.7569
Std Dev 0.3006
Underflow 2
Overflow 1
Integral 78
0
1
2
3
4
5
6
7
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

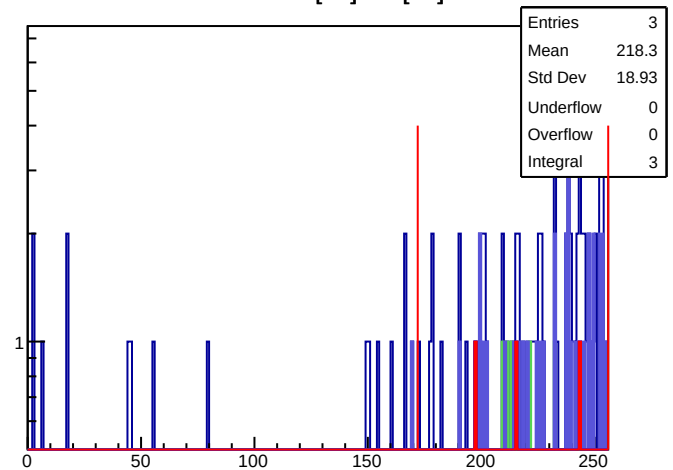

pKurama Sch[50]-Tof[20]
Entries 81
Mean 0.8022
Std Dev 0.1087
Underflow 0
Overflow 0
Integral 81
0
2
4
6
8
10
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

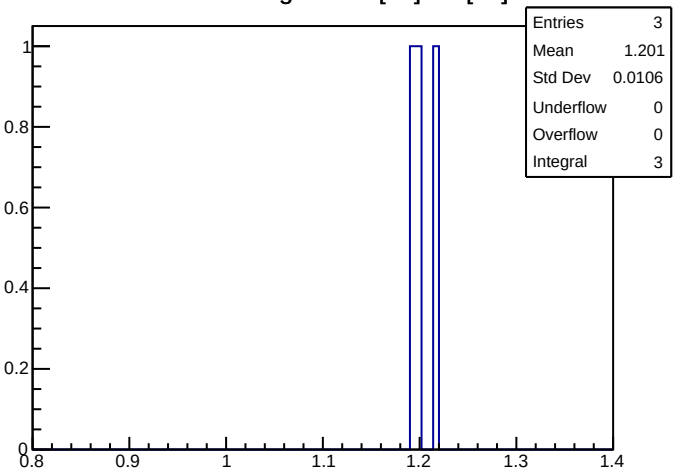

sftx all Sch[50]-Tof[21]
Entries 1
Mean 200
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

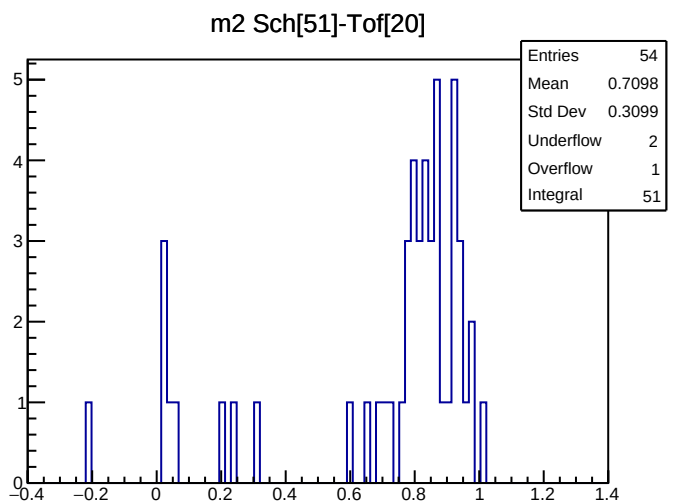

MissMass Sigma Sch[50]-Tof[21]
Entries 2
Mean 1.241
Std Dev 0.05314
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

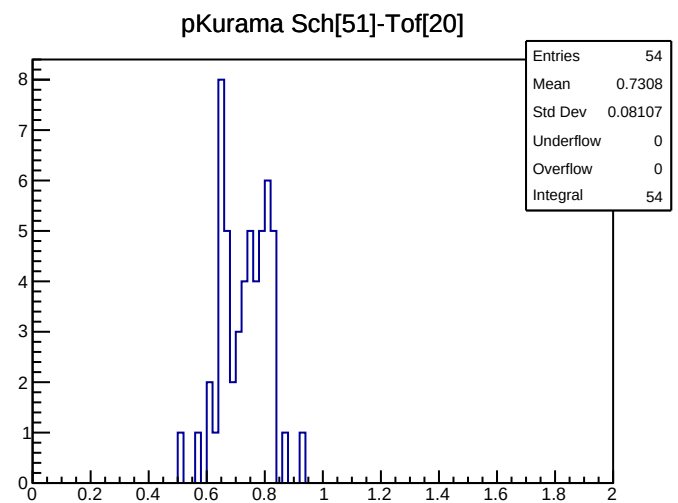

m2 Sch[50]-Tof[21]
Entries 152
Mean 0.7979
Std Dev 0.2283
Underflow 2
Overflow 5
Integral 145
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

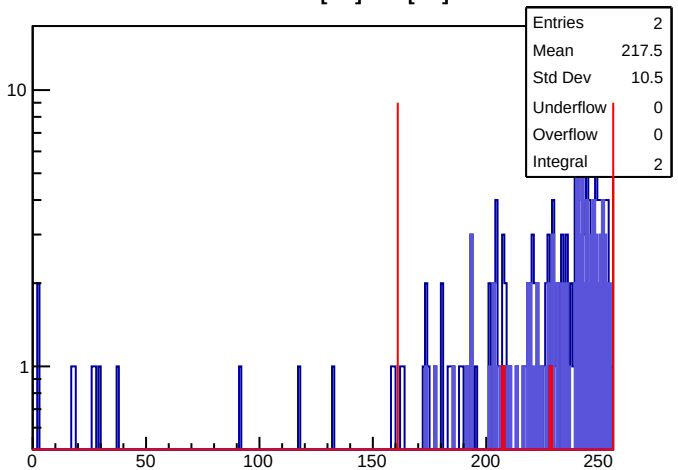

pKurama Sch[50]-Tof[21]
Entries 152
Mean 0.8931
Std Dev 0.1357
Underflow 0
Overflow 0
Integral 152
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

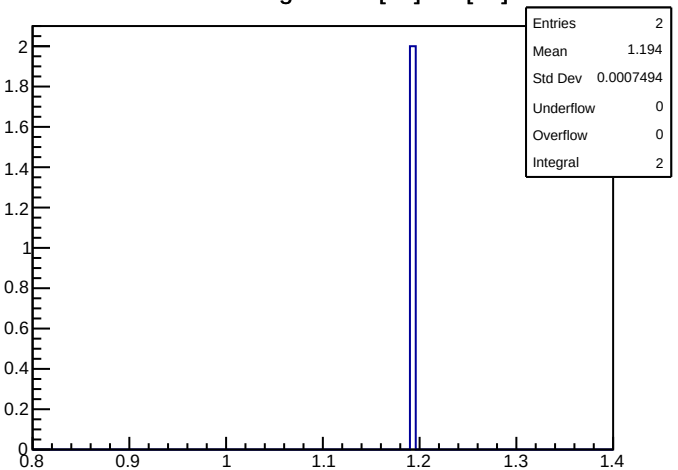

sftx all Sch[51]-Tof[20]
Entries 3
Mean 218.3
Std Dev 18.93
Underflow 0
Overflow 0
Integral 3
0
50
100
150
200
250
1

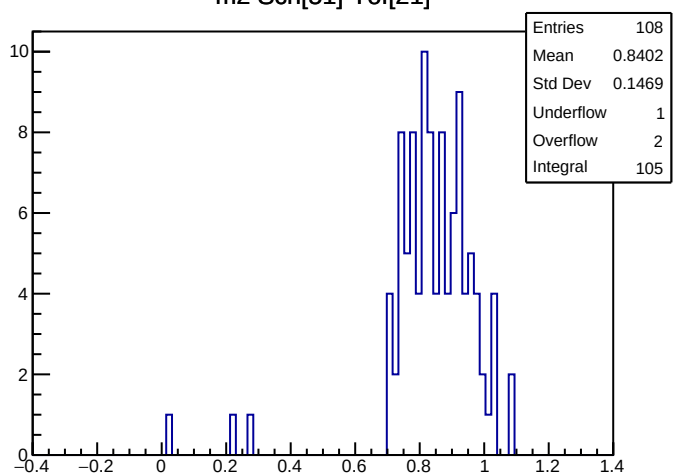

MissMass Sigma Sch[51]-Tof[20]
Entries 3
Mean 1.201
Std Dev 0.0106
Underflow 0
Overflow 0
Integral 3
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

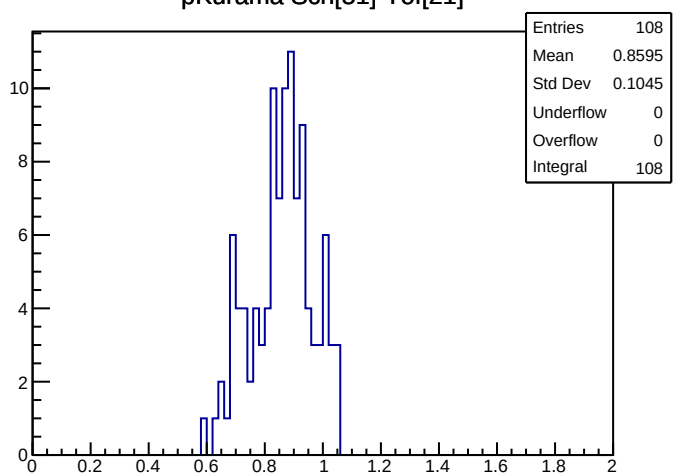

m2 Sch[51]-Tof[20]
Entries 54
Mean 0.7098
Std Dev 0.3099
Underflow 2
Overflow 1
Integral 51
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

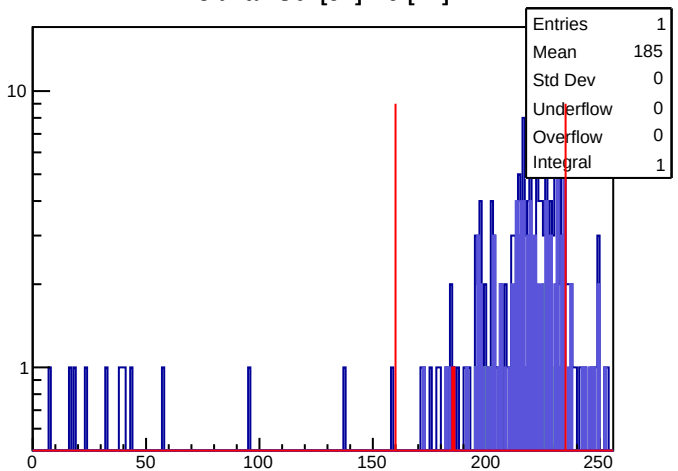

pKurama Sch[51]-Tof[20]
Entries 54
Mean 0.7308
Std Dev 0.08107
Underflow 0
Overflow 0
Integral 54
0
1
2
3
4
5
6
7
8
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

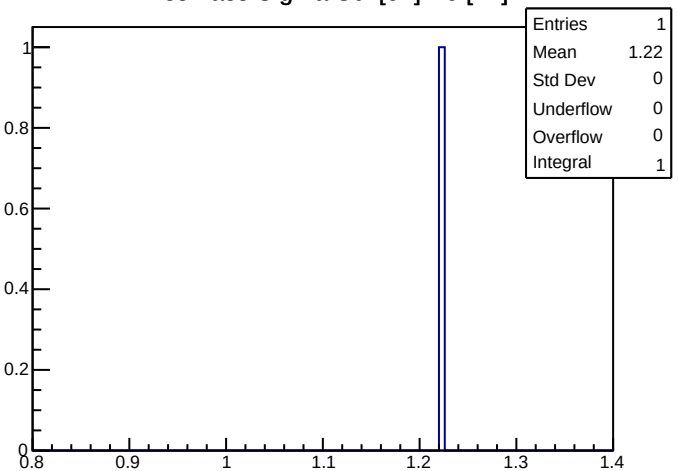

sftx all Sch[51]-Tof[21]
Entries 2
Mean 217.5
Std Dev 10.5
Underflow 0
Overflow 0
Integral 2

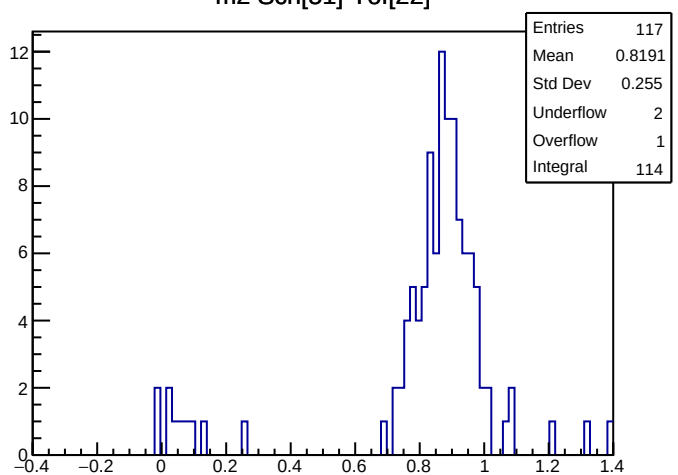

MissMass Sigma Sch[51]-Tof[21]
Entries 2
Mean 1.194
Std Dev 0.0007494
Underflow 0
Overflow 0
Integral 2

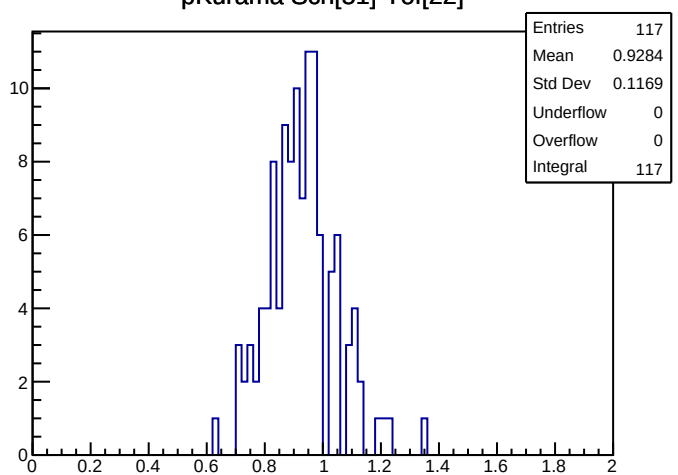

m2 Sch[51]-Tof[21]
Entries 108
Mean 0.8402
Std Dev 0.1469
Underflow 1
Overflow 2
Integral 105

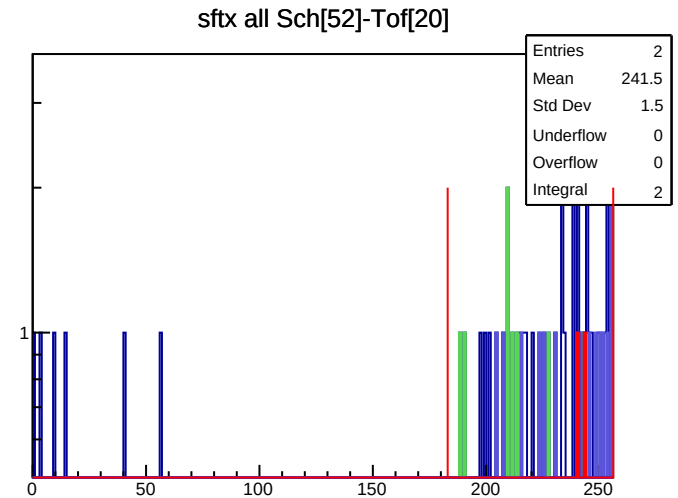

pKurama Sch[51]-Tof[21]
Entries 108
Mean 0.8595
Std Dev 0.1045
Underflow 0
Overflow 0
Integral 108

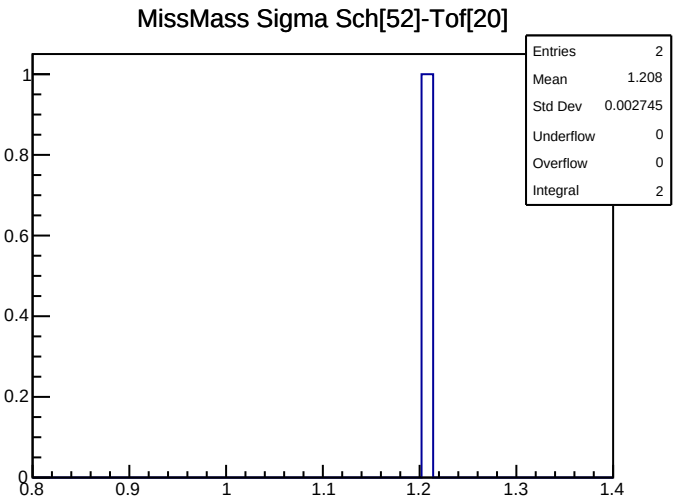

sftx all Sch[51]-Tof[22]
Entries 1
Mean 185
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

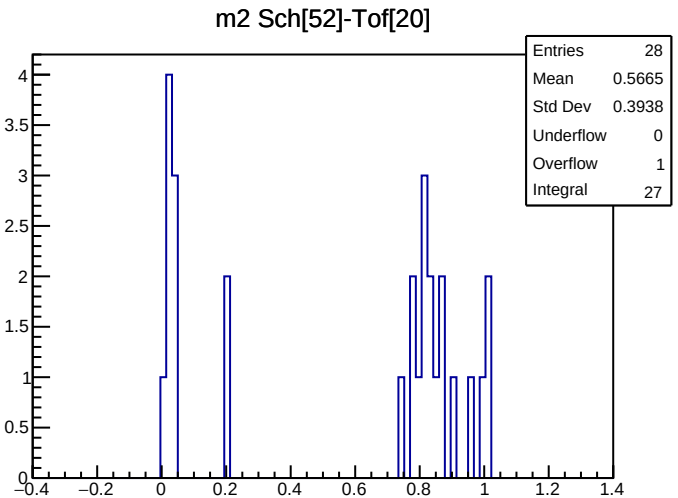

MissMass Sigma Sch[51]-Tof[22]
Entries 1
Mean 1.22
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

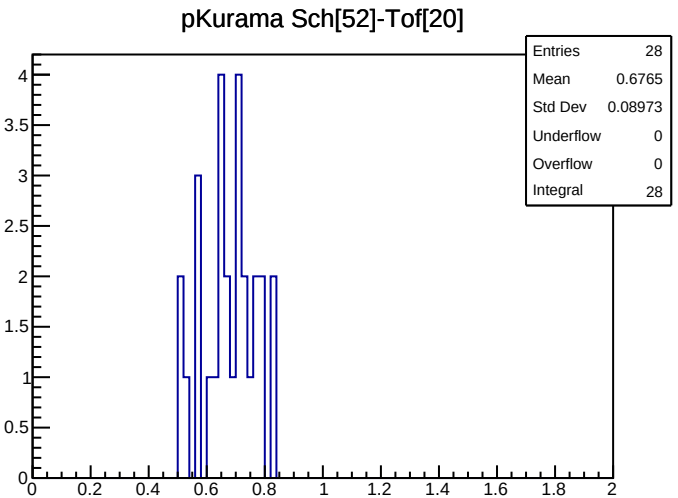

m2 Sch[51]-Tof[22]
Entries 117
Mean 0.8191
Std Dev 0.255
Underflow 2
Overflow 1
Integral 114
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

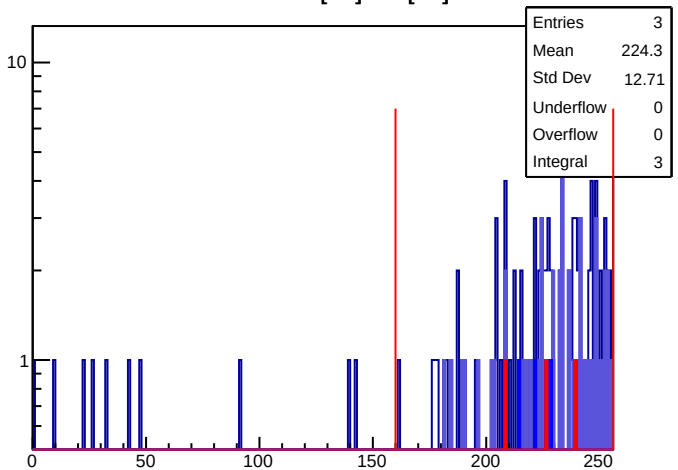

pKurama Sch[51]-Tof[22]
Entries 117
Mean 0.9284
Std Dev 0.1169
Underflow 0
Overflow 0
Integral 117
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

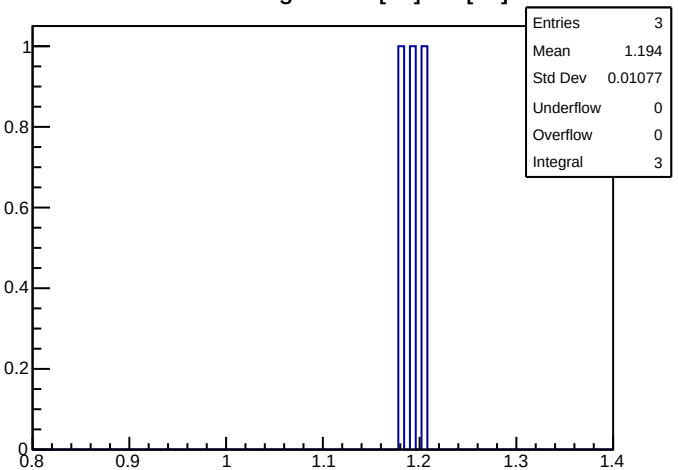

sftx all Sch[52]-Tof[20]
Entries 2
Mean 241.5
Std Dev 1.5
Underflow 0
Overflow 0
Integral 2
0
50
100
150
200
250
1

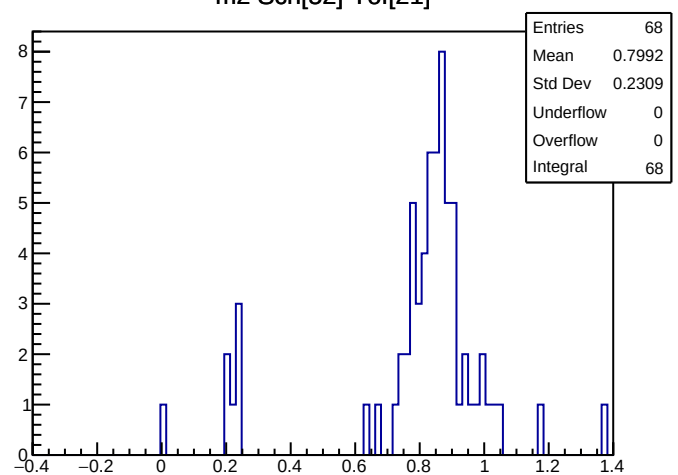

MissMass Sigma Sch[52]-Tof[20]
Entries 2
Mean 1.208
Std Dev 0.002745
Underflow 0
Overflow 0
Integral 2
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

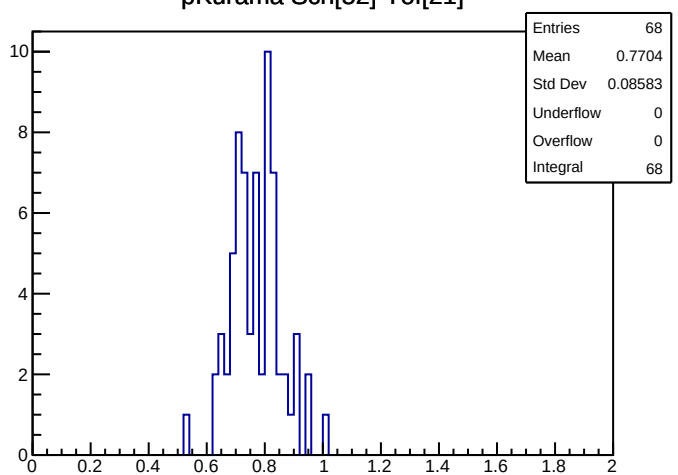

m2 Sch[52]-Tof[20]
Entries 28
Mean 0.5665
Std Dev 0.3938
Underflow 0
Overflow 1
Integral 27
0
0.5
1
1.5
2
2.5
3
3.5
4
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

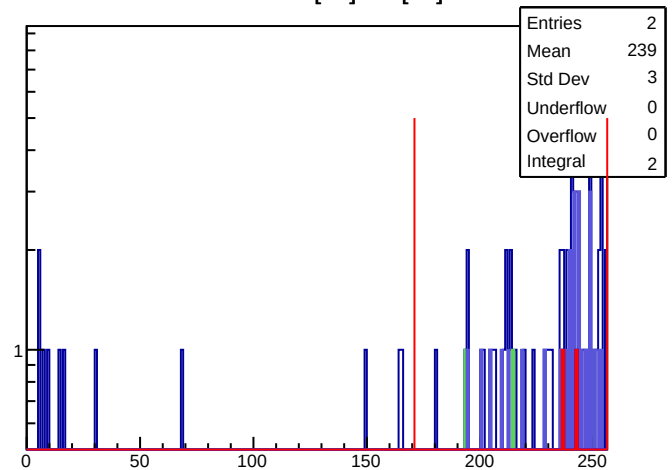

pKurama Sch[52]-Tof[20]
Entries 28
Mean 0.6765
Std Dev 0.08973
Underflow 0
Overflow 0
Integral 28
0
0.5
1
1.5
2
2.5
3
3.5
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

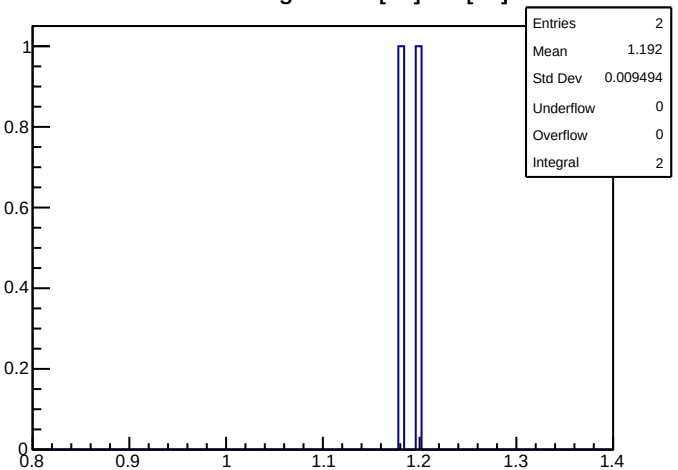

sftx all Sch[52]-Tof[21]
Entries 3
Mean 224.3
Std Dev 12.71
Underflow 0
Overflow 0
Integral 3

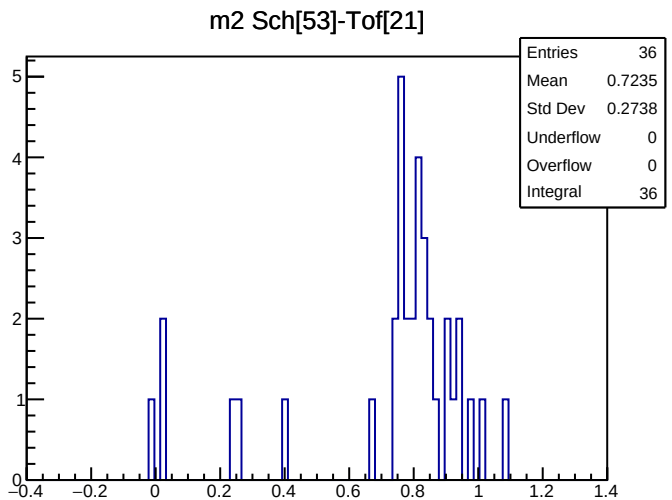

MissMass Sigma Sch[52]-Tof[21]
Entries 3
Mean 1.194
Std Dev 0.01077
Underflow 0
Overflow 0
Integral 3

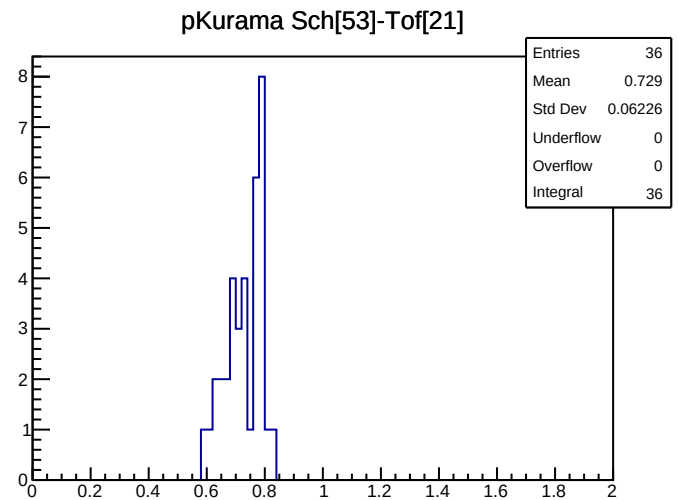

m2 Sch[52]-Tof[21]
Entries 68
Mean 0.7992
Std Dev 0.2309
Underflow 0
Overflow 0
Integral 68

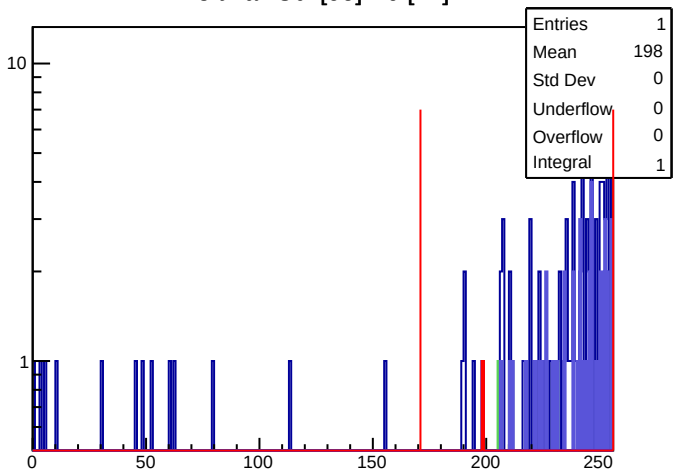

pKurama Sch[52]-Tof[21]
Entries 68
Mean 0.7704
Std Dev 0.08583
Underflow 0
Overflow 0
Integral 68

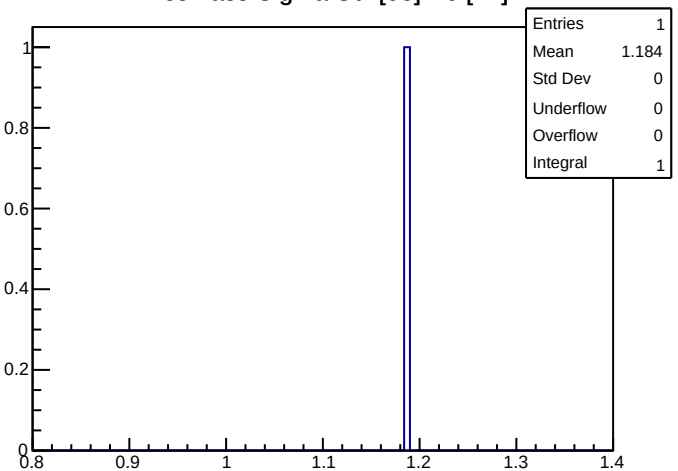

sftx all Sch[53]-Tof[21]
Entries 2
Mean 239
Std Dev 3
Underflow 0
Overflow 0
Integral 2
0
50
100
150
200
250
1

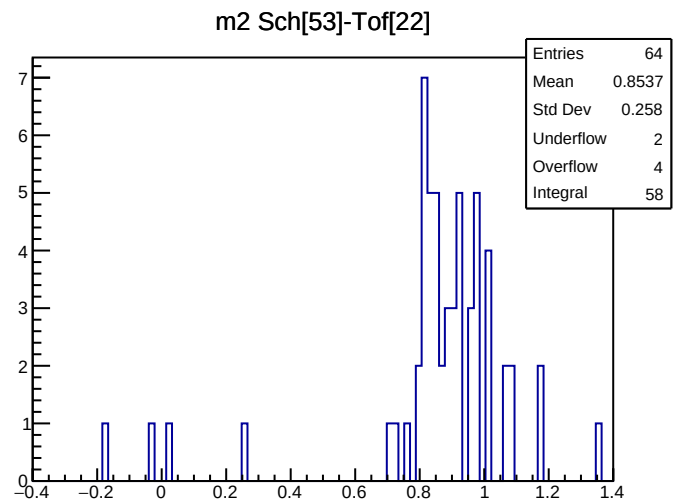

MissMass Sigma Sch[53]-Tof[21]
Entries 2
Mean 1.192
Std Dev 0.009494
Underflow 0
Overflow 0
Integral 2
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

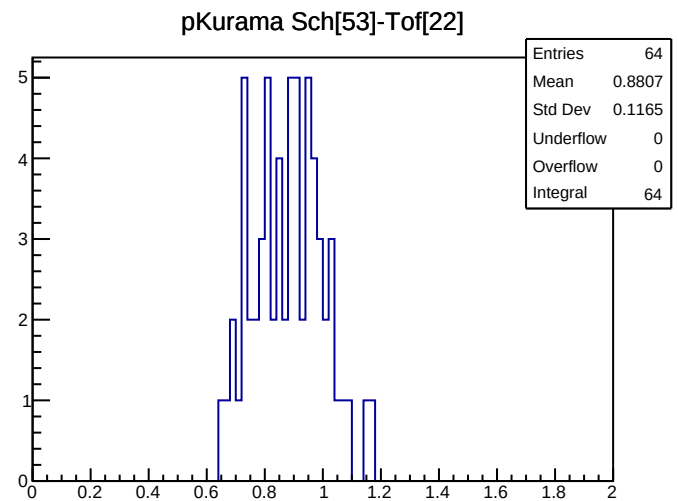

m2 Sch[53]-Tof[21]
Entries 36
Mean 0.7235
Std Dev 0.2738
Underflow 0
Overflow 0
Integral 36
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

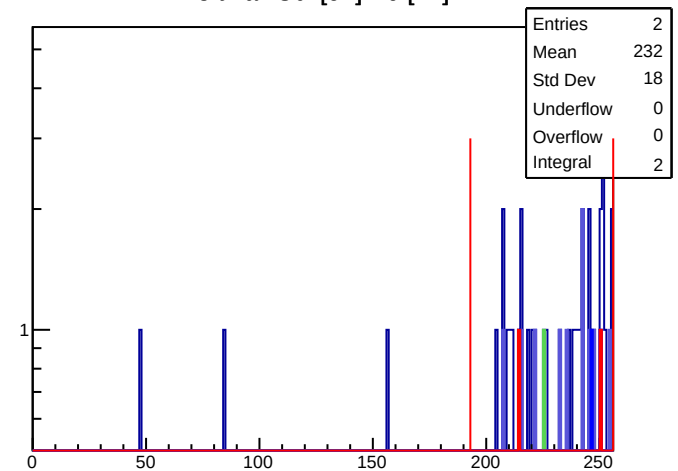

pKurama Sch[53]-Tof[21]
Entries 36
Mean 0.729
Std Dev 0.06226
Underflow 0
Overflow 0
Integral 36
0
1
2
3
4
5
6
7
8
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

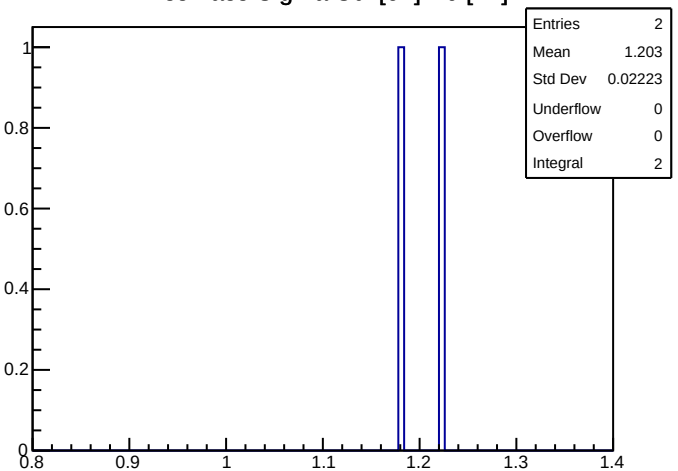

sftx all Sch[53]-Tof[22]
Entries 1
Mean 198
Std Dev 0
Underflow 0
Overflow 0
Integral 1

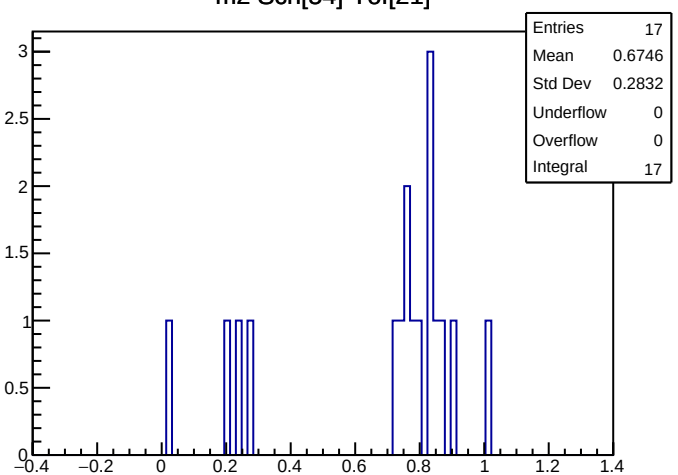

MissMass Sigma Sch[53]-Tof[22]
Entries 1
Mean 1.184
Std Dev 0
Underflow 0
Overflow 0
Integral 1

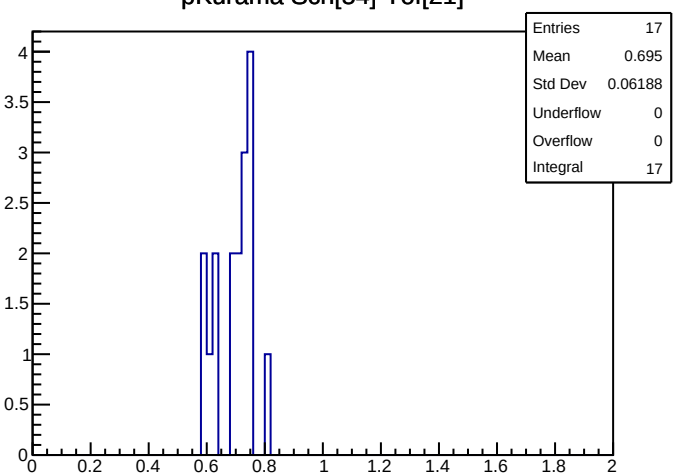

m2 Sch[53]-Tof[22]
Entries 64
Mean 0.8537
Std Dev 0.258
Underflow 2
Overflow 4
Integral 58

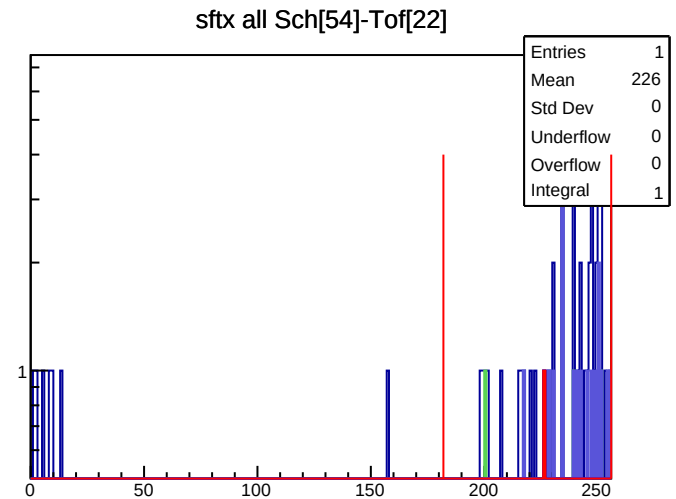

pKurama Sch[53]-Tof[22]
Entries 64
Mean 0.8807
Std Dev 0.1165
Underflow 0
Overflow 0
Integral 64

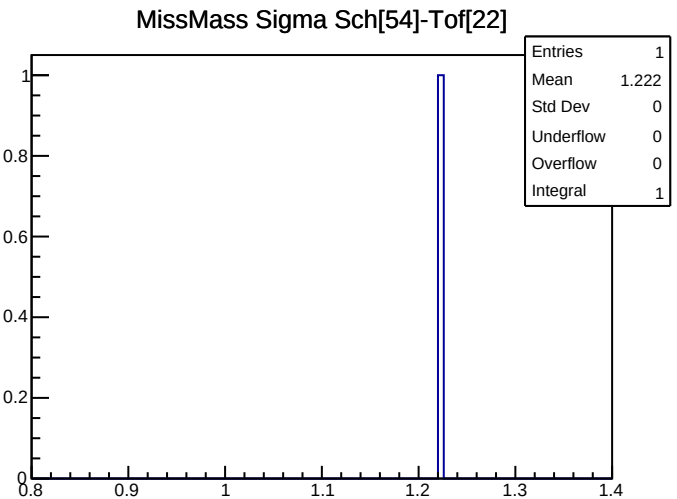

sftx all Sch[54]-Tof[21]
Entries 2
Mean 232
Std Dev 18
Underflow 0
Overflow 0
Integral 2
1
0
50
100
150
200
250

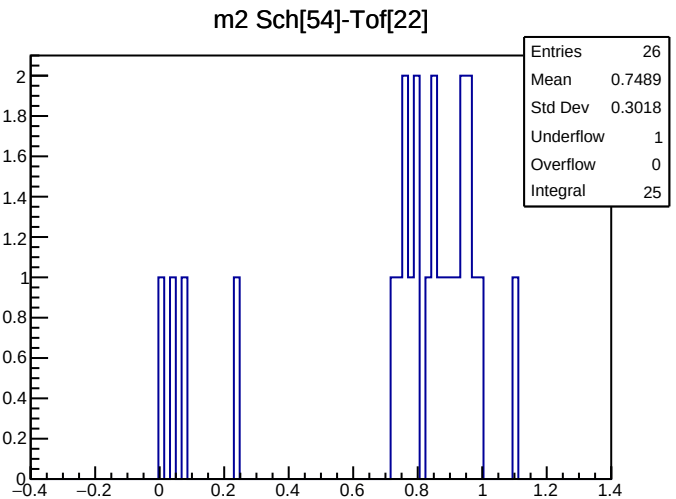

MissMass Sigma Sch[54]-Tof[21]
Entries 2
Mean 1.203
Std Dev 0.02223
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

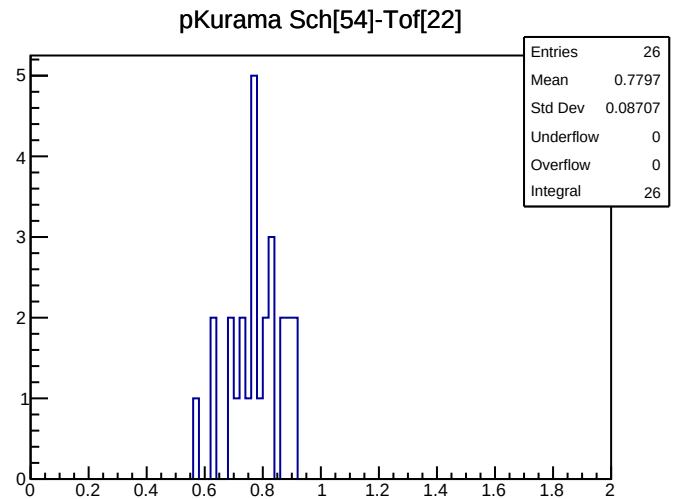

m2 Sch[54]-Tof[21]
Entries 17
Mean 0.6746
Std Dev 0.2832
Underflow 0
Overflow 0
Integral 17
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

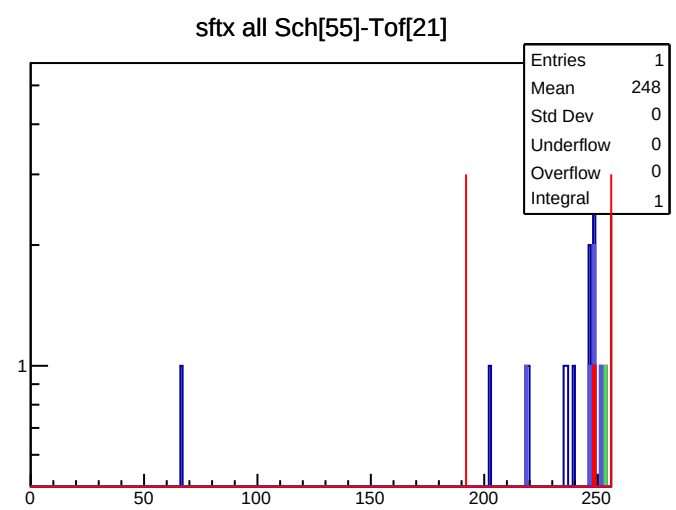

pKurama Sch[54]-Tof[21]
Entries 17
Mean 0.695
Std Dev 0.06188
Underflow 0
Overflow 0
Integral 17
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

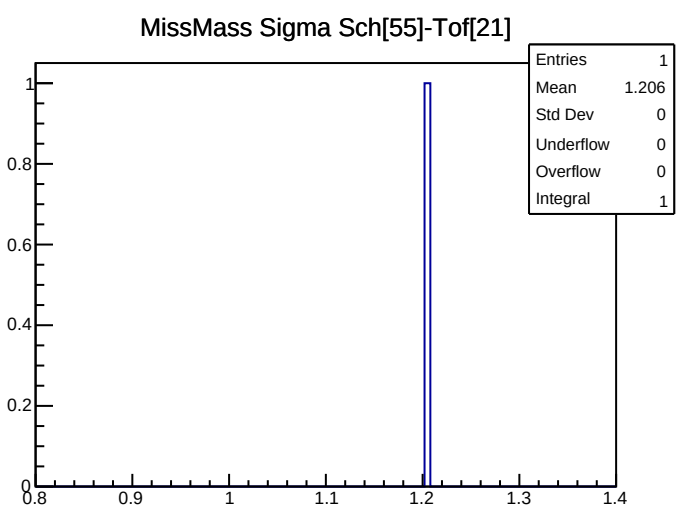

sftx all Sch[54]-Tof[22]
Entries 1
Mean 226
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0
50
100
150
200
250

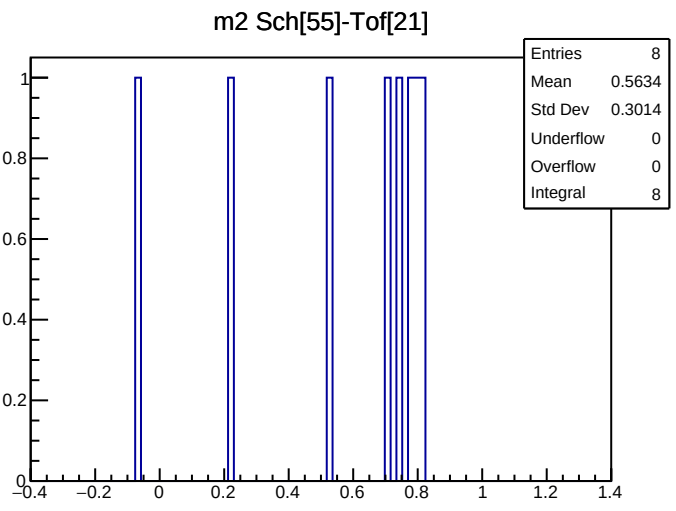

MissMass Sigma Sch[54]-Tof[22]
Entries 1
Mean 1.222
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

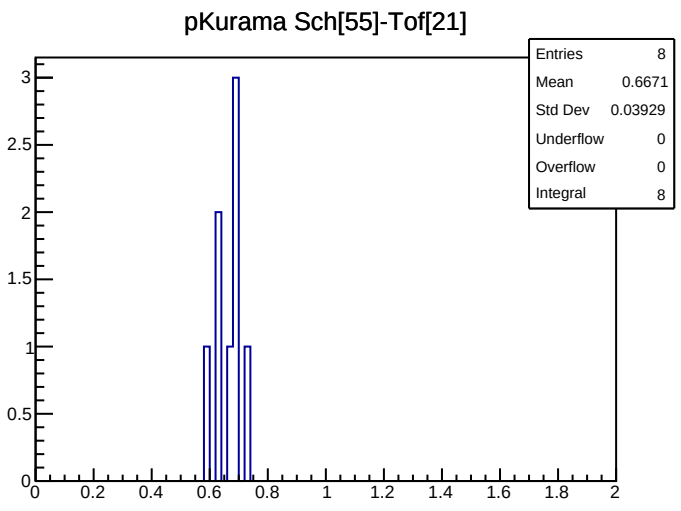

m2 Sch[54]-Tof[22]
Entries 26
Mean 0.7489
Std Dev 0.3018
Underflow 1
Overflow 0
Integral 25
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

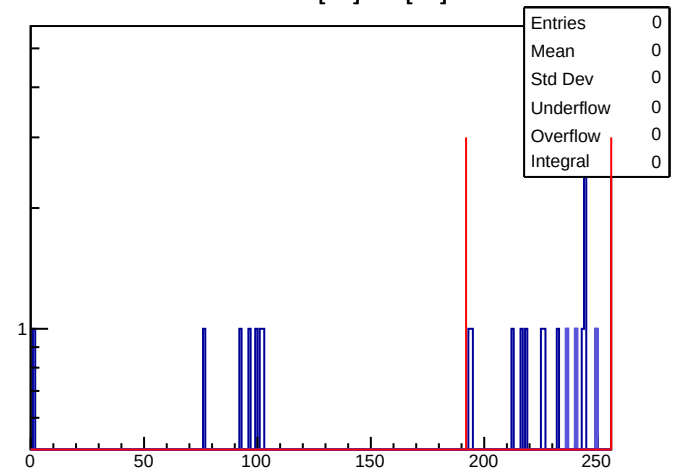

pKurama Sch[54]-Tof[22]
Entries 26
Mean 0.7797
Std Dev 0.08707
Underflow 0
Overflow 0
Integral 26
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

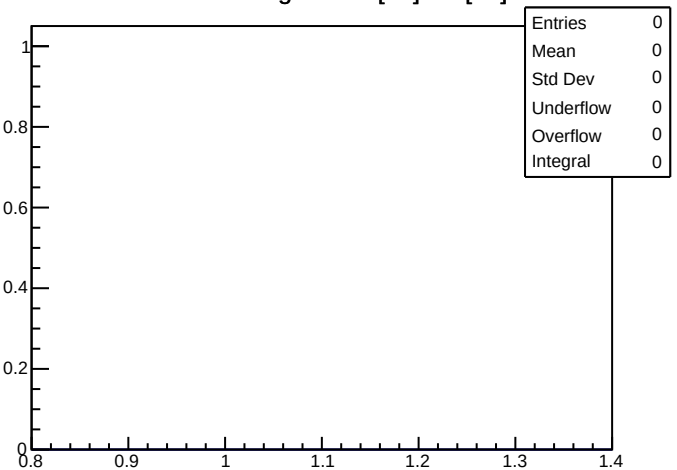

sftx all Sch[55]-Tof[21]
Entries 1
Mean 248
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

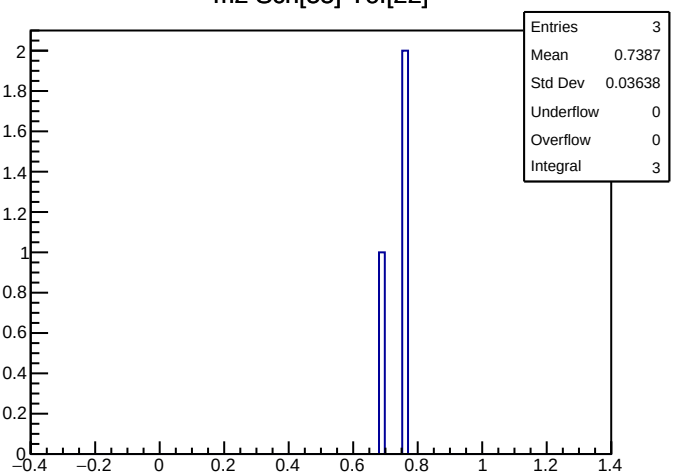

MissMass Sigma Sch[55]-Tof[21]
Entries 1
Mean 1.206
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

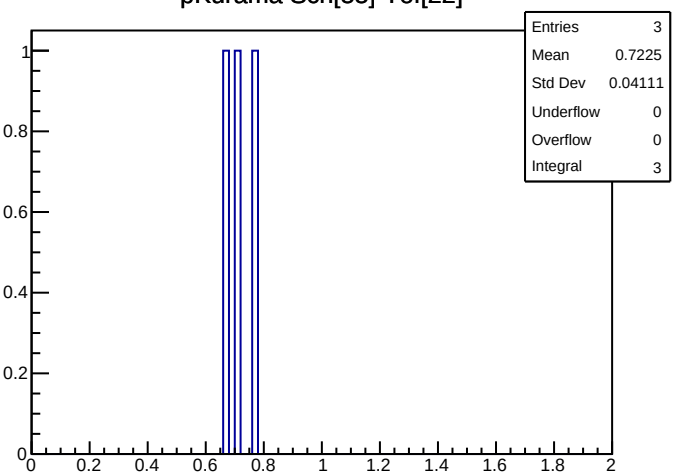

m2 Sch[55]-Tof[21]
Entries 8
Mean 0.5634
Std Dev 0.3014
Underflow 0
Overflow 0
Integral 8
0
0.2
0.4
0.6
0.8
1
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

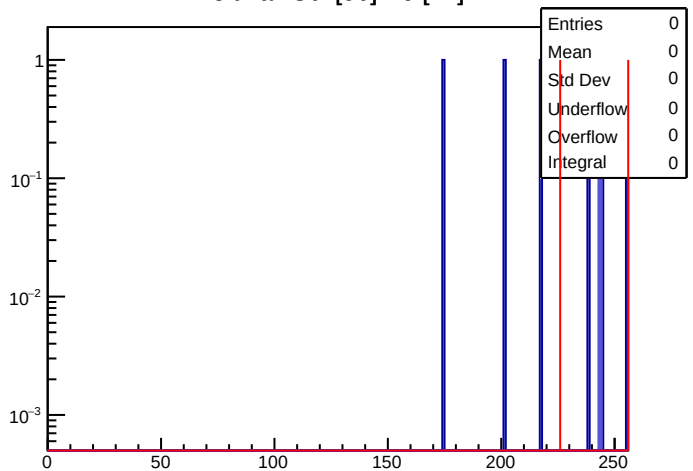

pKurama Sch[55]-Tof[21]
Entries 8
Mean 0.6671
Std Dev 0.03929
Underflow 0
Overflow 0
Integral 8
0
0.5
1
1.5
2
2.5
3
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

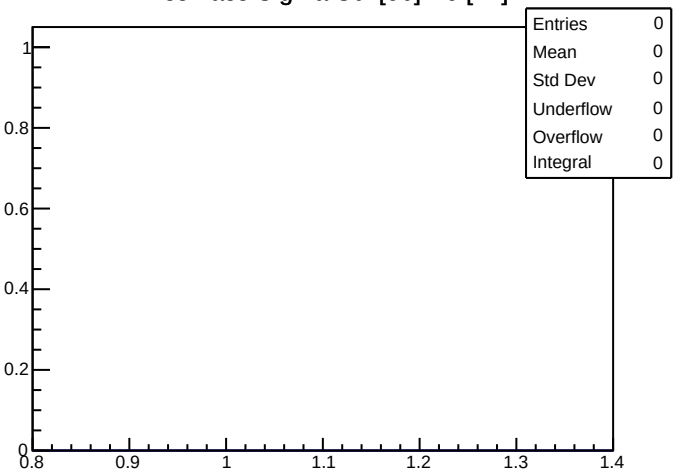

sftx all Sch[55]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0
50
100
150
200
250

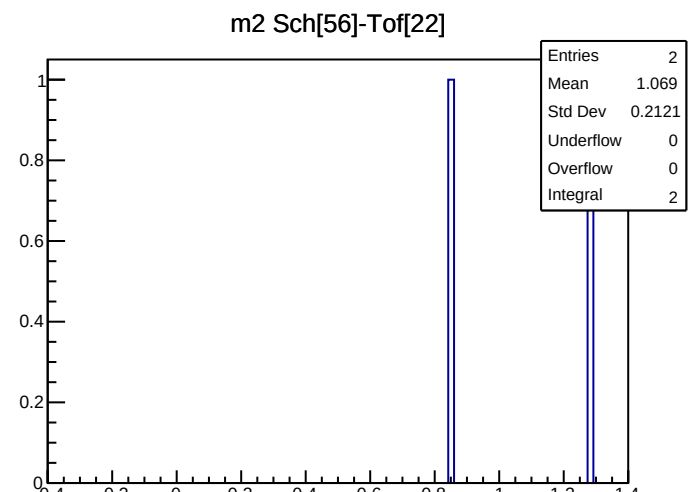

MissMass Sigma Sch[55]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

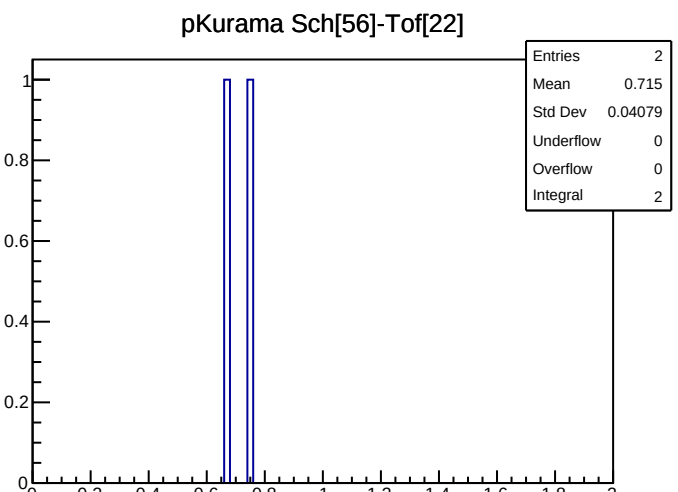

m2 Sch[55]-Tof[22]
Entries 3
Mean 0.7387
Std Dev 0.03638
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[55]-Tof[22]
Entries 3
Mean 0.7225
Std Dev 0.04111
Underflow 0
Overflow 0
Integral 3
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


sftx all Sch[56]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0


MissMass Sigma Sch[56]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0


m2 Sch[56]-Tof[22]
Entries 2
Mean 1.069
Std Dev 0.2121
Underflow 0
Overflow 0
Integral 2


pKurama Sch[56]-Tof[22]
Entries 2
Mean 0.715
Std Dev 0.04079
Underflow 0
Overflow 0
Integral 2