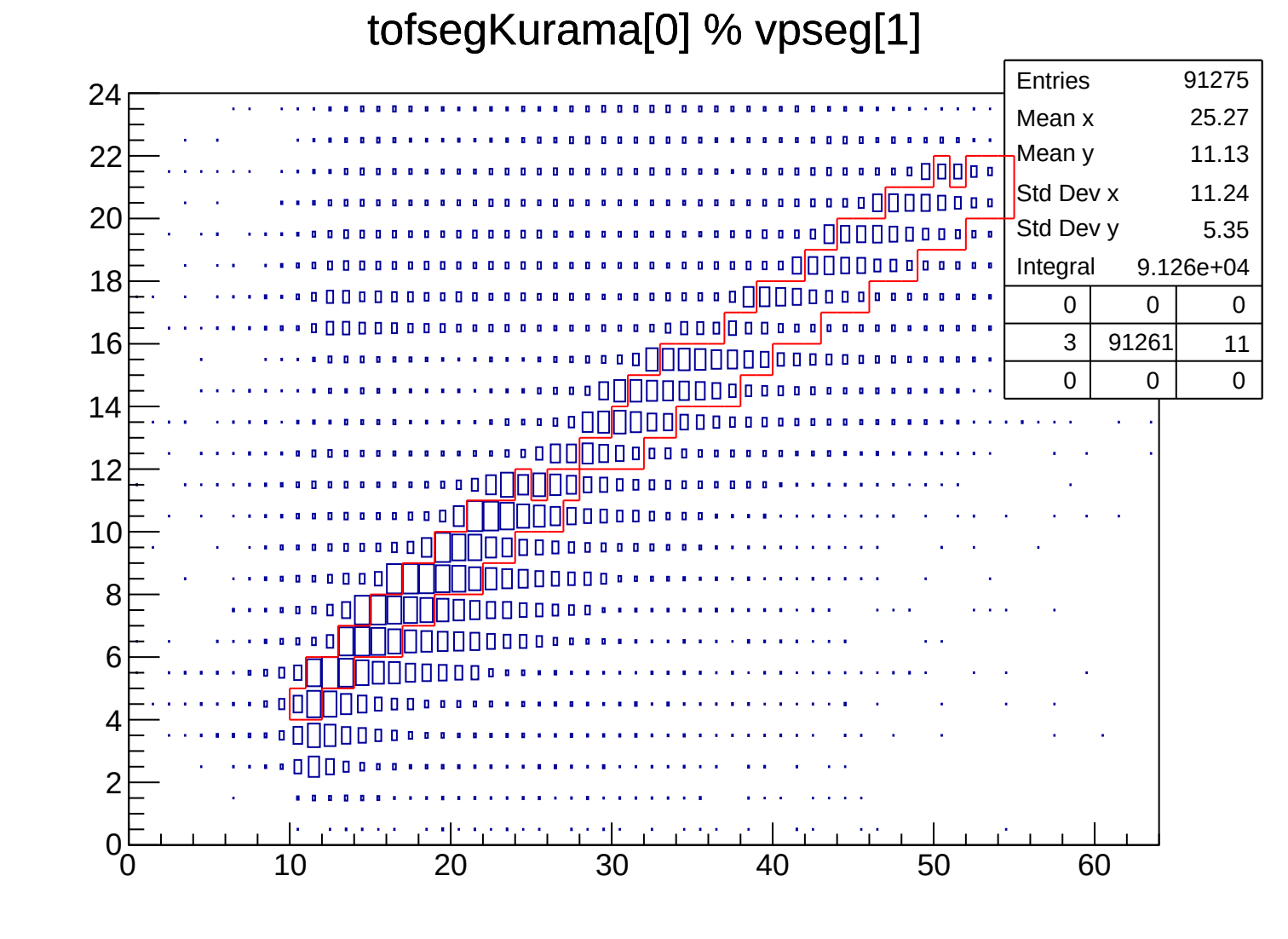
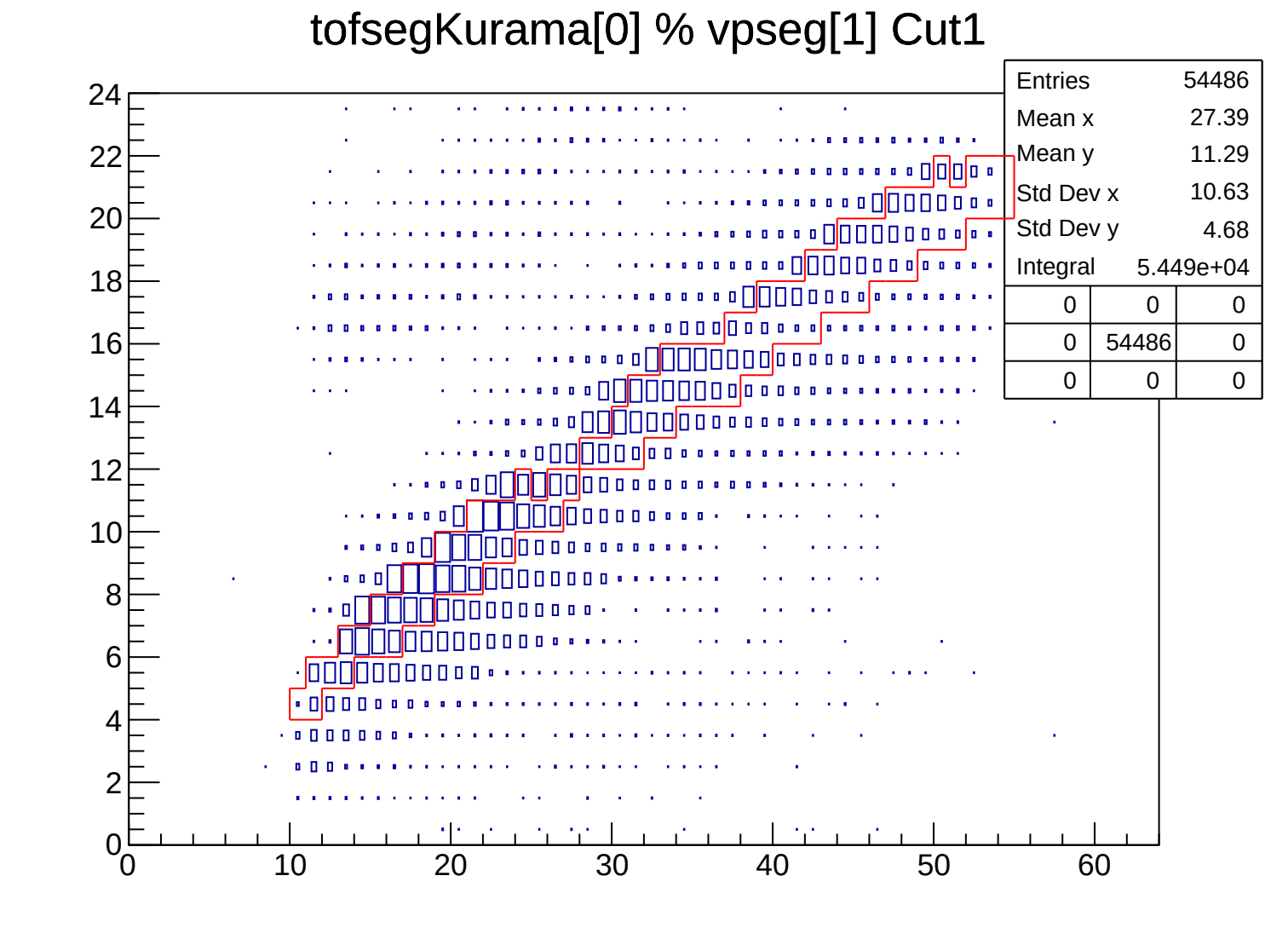
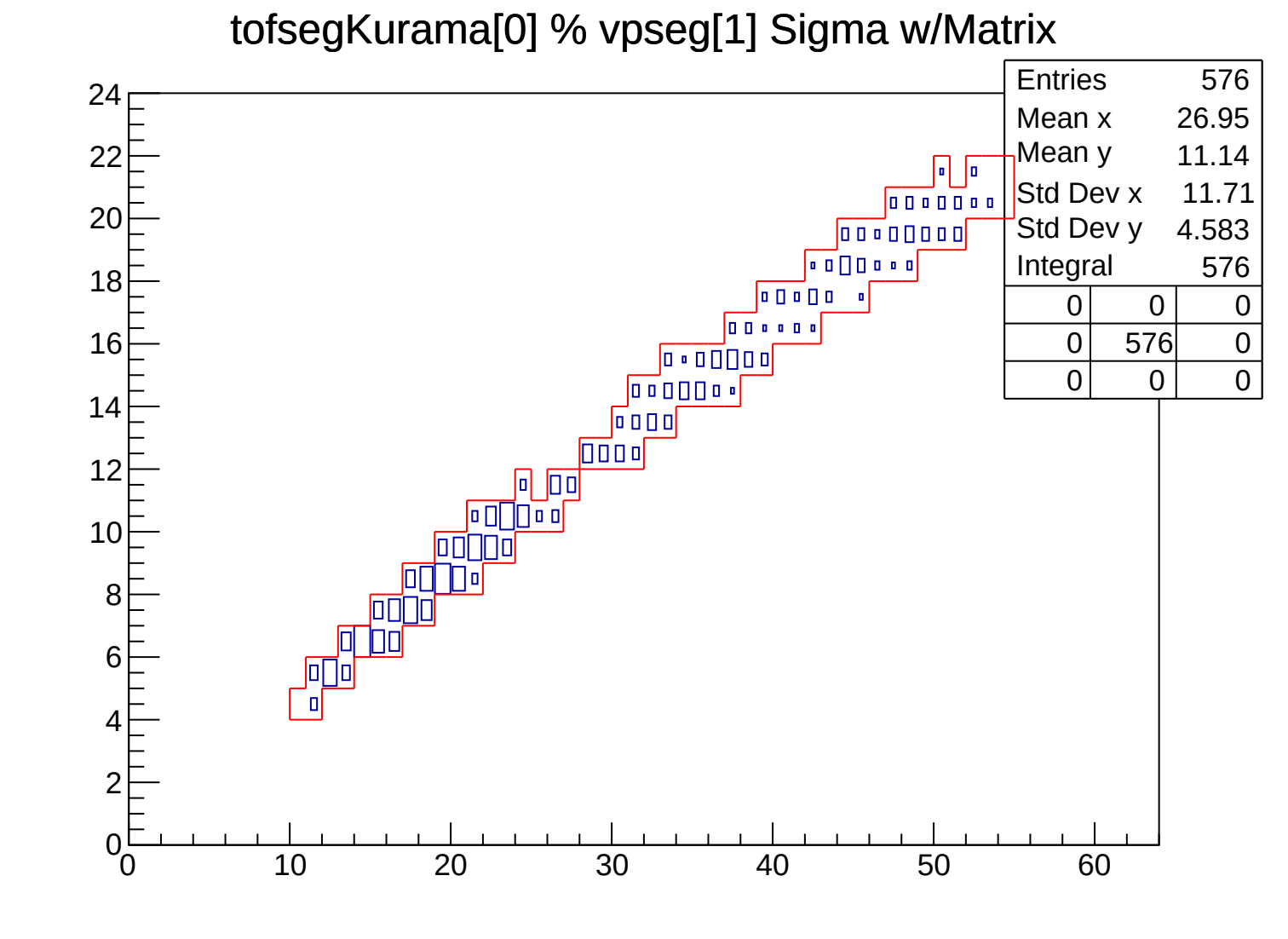
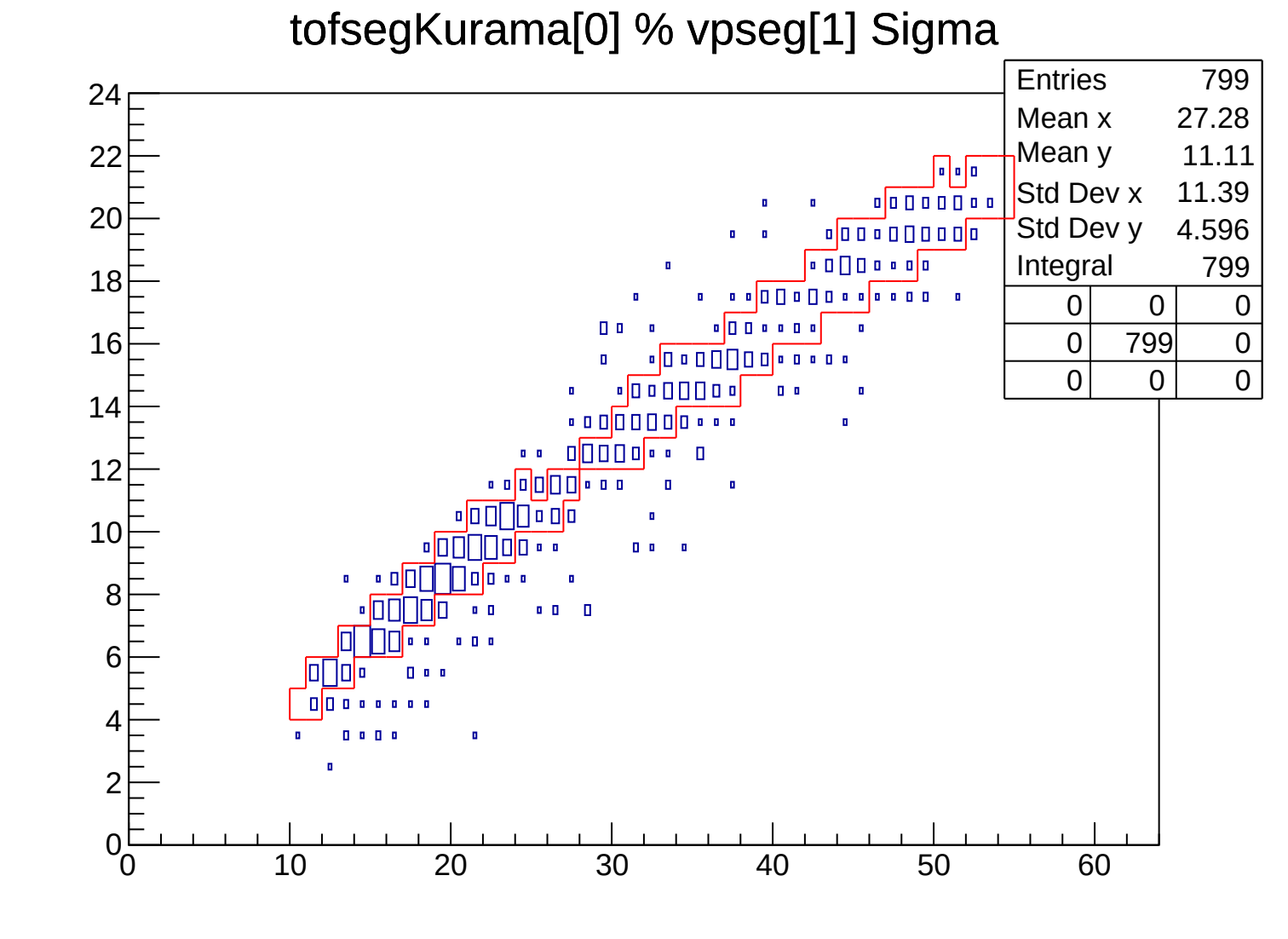
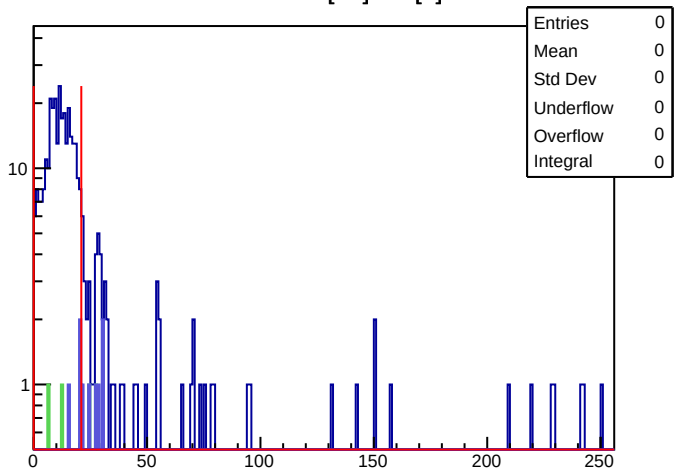
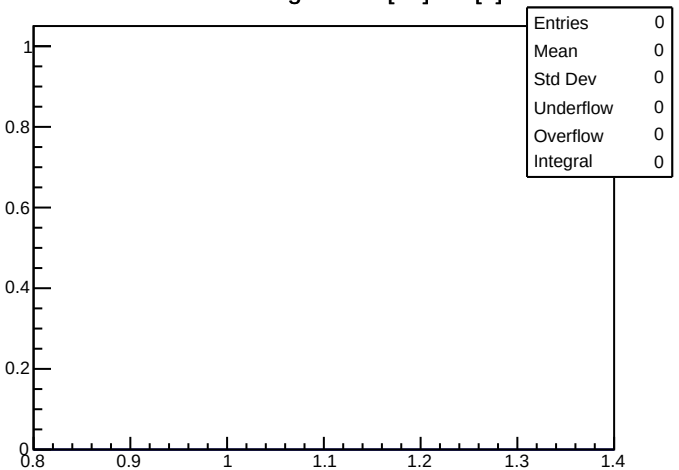

tofsegKurama[0] % vpseg[1]
Entries 91275
Mean x 25.27
Mean y 11.13
Std Dev x 11.24
Std Dev y 5.35
Integral 9.126e+04
0 0 0
3 91261 11
0 0 0
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

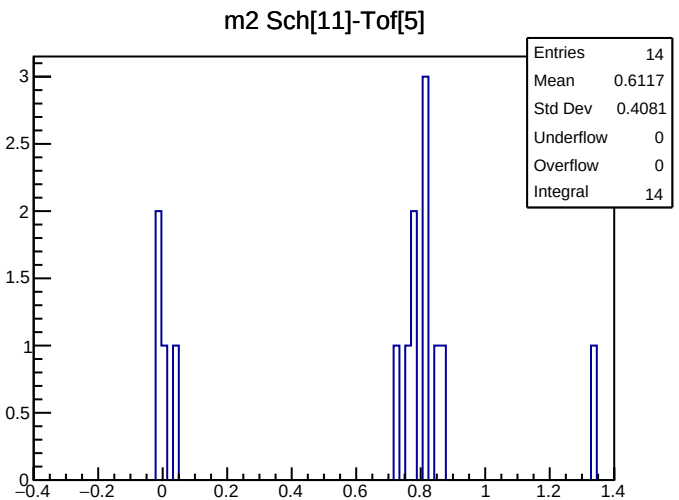

tofsegKurama[0] % vpseg[1] Cut1
Entries 54486
Mean x 27.39
Mean y 11.29
Std Dev x 10.63
Std Dev y 4.68
Integral 5.449e+04
0 0 0
0 54486 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

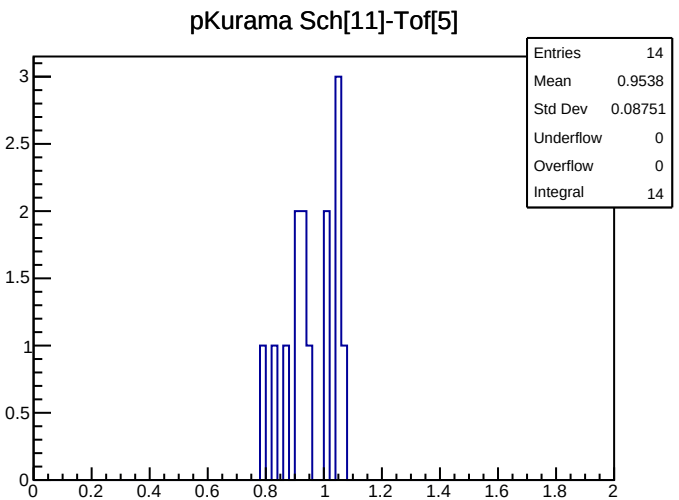

tofsegKurama[0] % vpseg[1] Sigma w/Matrix
Entries 576
Mean x 26.95
Mean y 11.14
Std Dev x 11.71
Std Dev y 4.583
Integral 576
0 0 0
0 576 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

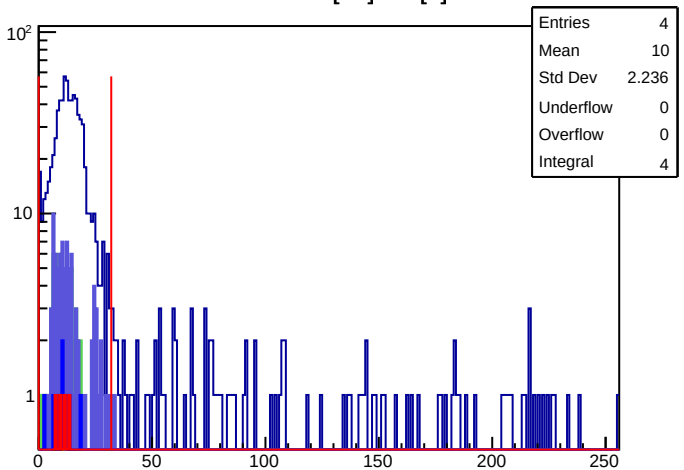

tofsegKurama[0] % vpseg[1] Sigma
Entries 799
Mean x 27.28
Mean y 11.11
Std Dev x 11.39
Std Dev y 4.596
Integral 799
0 0 0
0 799 0
0 0 0
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

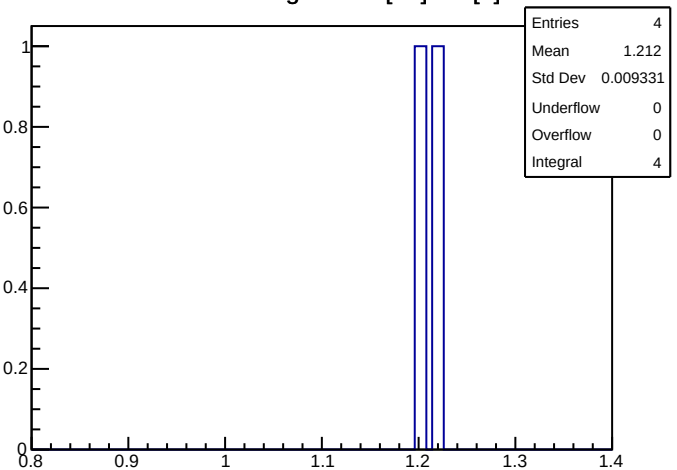

sftx all Sch[11]-Tof[5]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

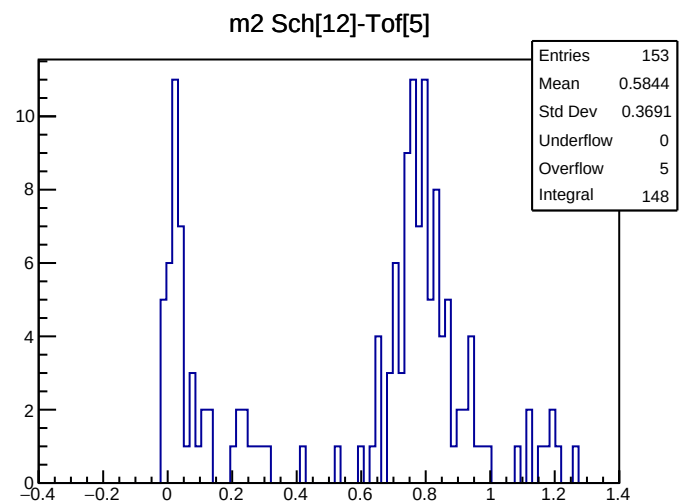

MissMass Sigma Sch[11]-Tof[5]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

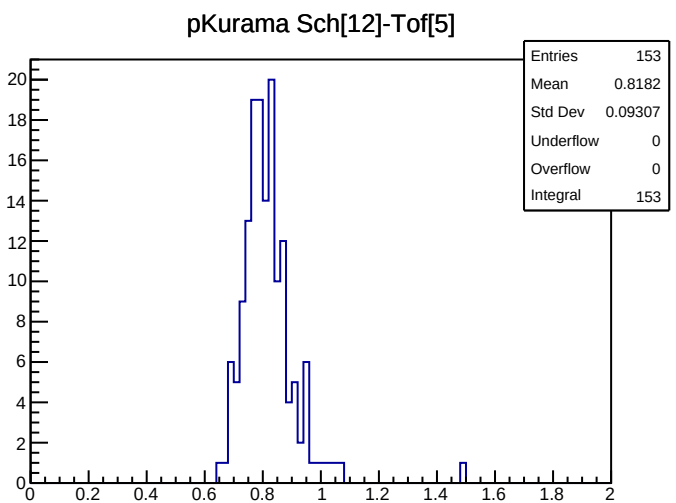

m2 Sch[11]-Tof[5]
Entries 14
Mean 0.6117
Std Dev 0.4081
Underflow 0
Overflow 0
Integral 14
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

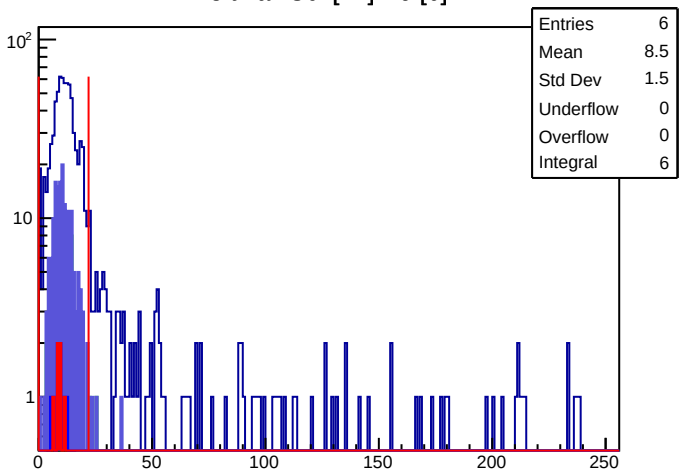

pKurama Sch[11]-Tof[5]
Entries 14
Mean 0.9538
Std Dev 0.08751
Underflow 0
Overflow 0
Integral 14
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

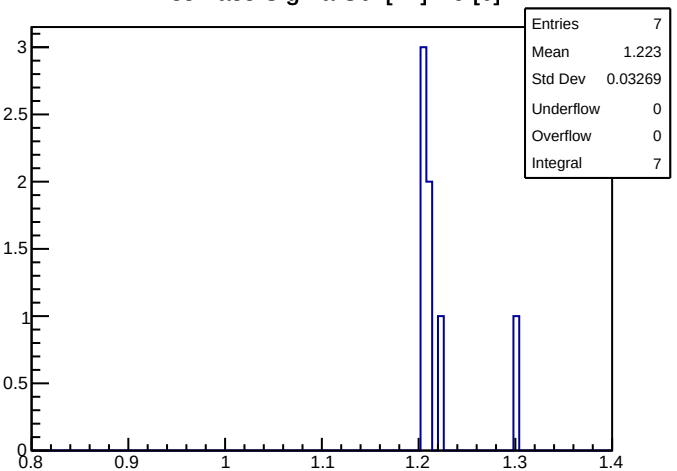

sftx all Sch[12]-Tof[5]
Entries 4
Mean 10
Std Dev 2.236
Underflow 0
Overflow 0
Integral 4

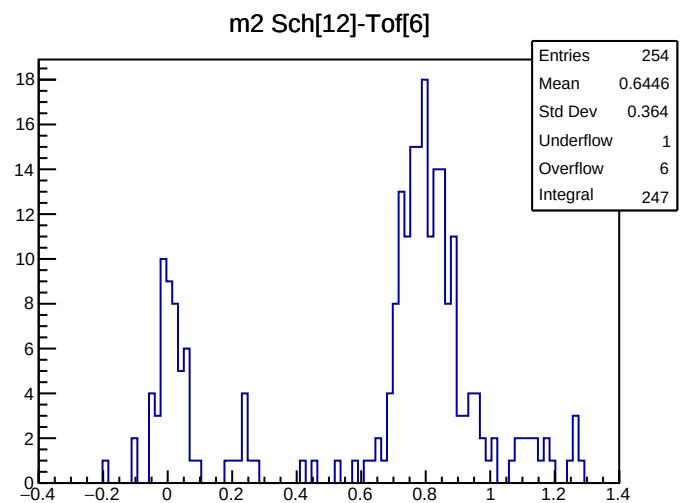

MissMass Sigma Sch[12]-Tof[5]
Entries 4
Mean 1.212
Std Dev 0.009331
Underflow 0
Overflow 0
Integral 4

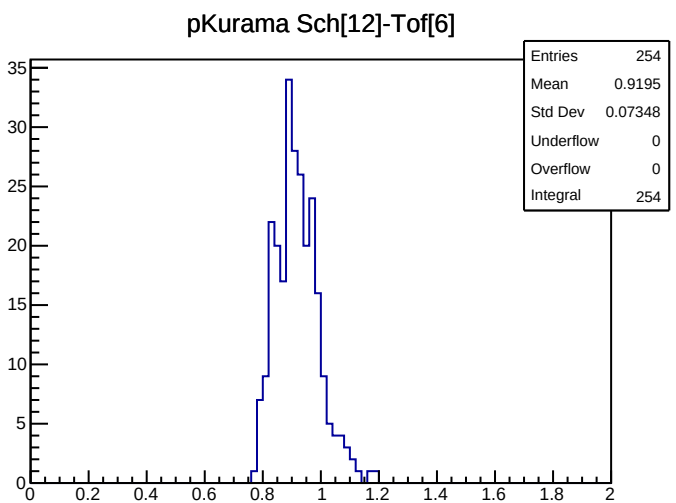

m2 Sch[12]-Tof[5]
Entries 153
Mean 0.5844
Std Dev 0.3691
Underflow 0
Overflow 5
Integral 148

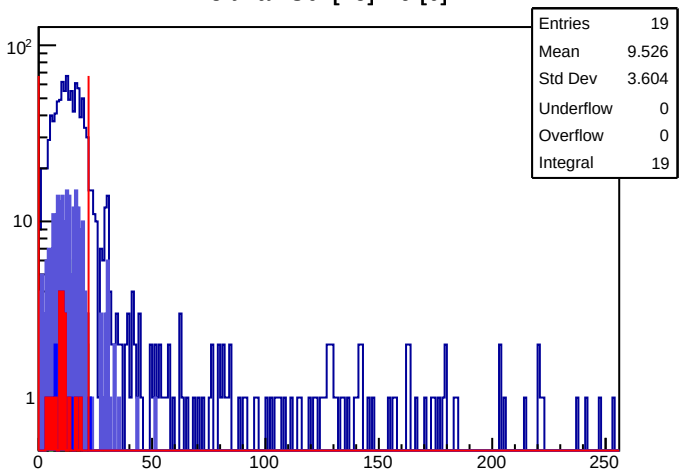

pKurama Sch[12]-Tof[5]
Entries 153
Mean 0.8182
Std Dev 0.09307
Underflow 0
Overflow 0
Integral 153

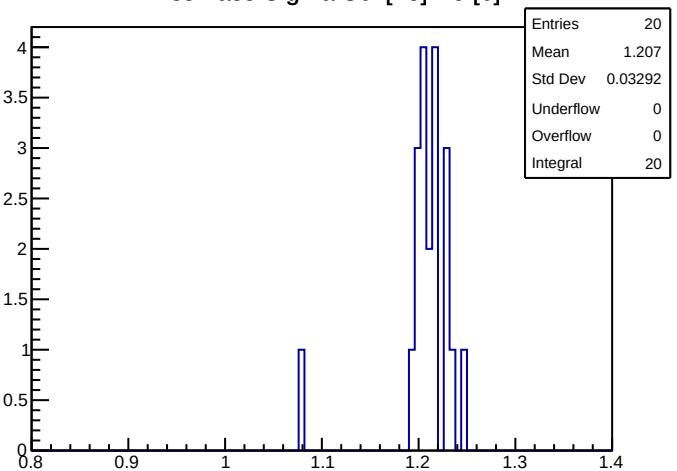

sftx all Sch[12]-Tof[6]
Entries 6
Mean 8.5
Std Dev 1.5
Underflow 0
Overflow 0
Integral 6

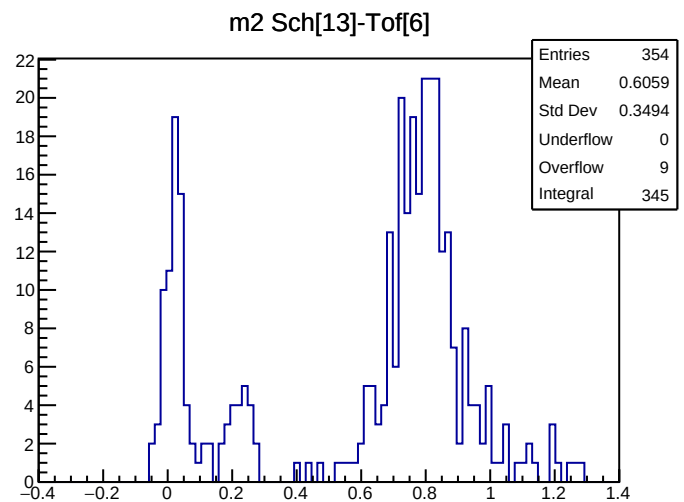

MissMass Sigma Sch[12]-Tof[6]
Entries 7
Mean 1.223
Std Dev 0.03269
Underflow 0
Overflow 0
Integral 7

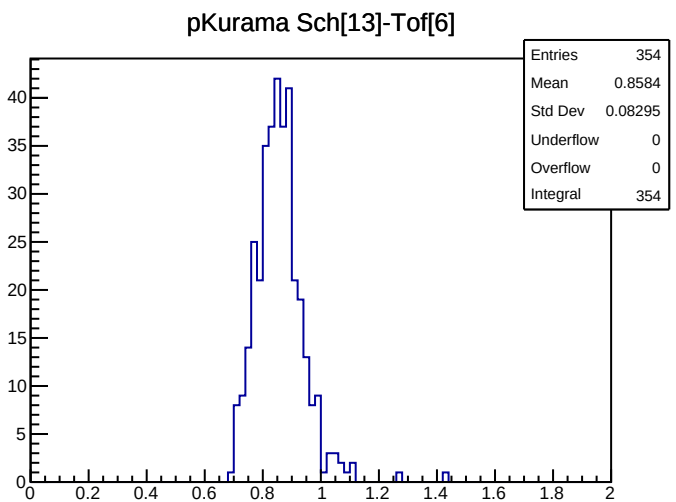

m2 Sch[12]-Tof[6]
Entries 254
Mean 0.6446
Std Dev 0.364
Underflow 1
Overflow 6
Integral 247

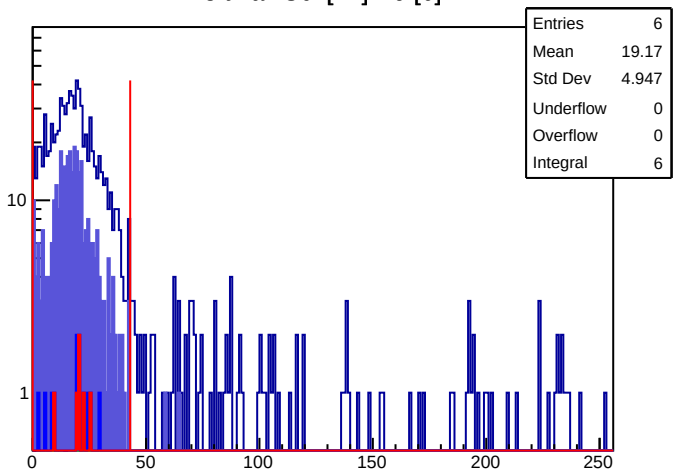

pKurama Sch[12]-Tof[6]
Entries 254
Mean 0.9195
Std Dev 0.07348
Underflow 0
Overflow 0
Integral 254

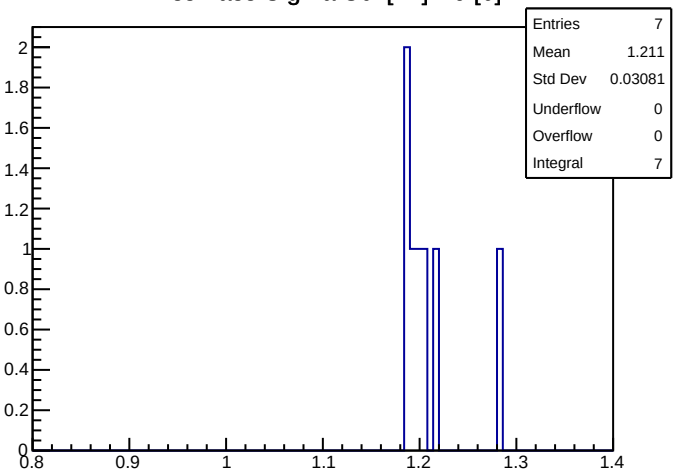

sftx all Sch[13]-Tof[6]
Entries 19
Mean 9.526
Std Dev 3.604
Underflow 0
Overflow 0
Integral 19

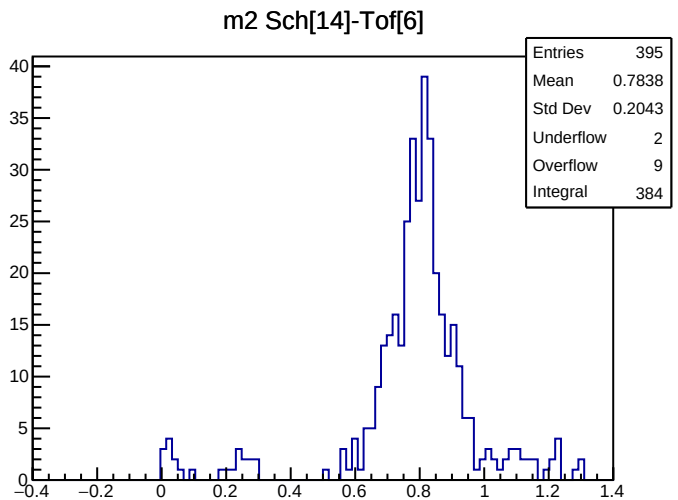

MissMass Sigma Sch[13]-Tof[6]
Entries 20
Mean 1.207
Std Dev 0.03292
Underflow 0
Overflow 0
Integral 20

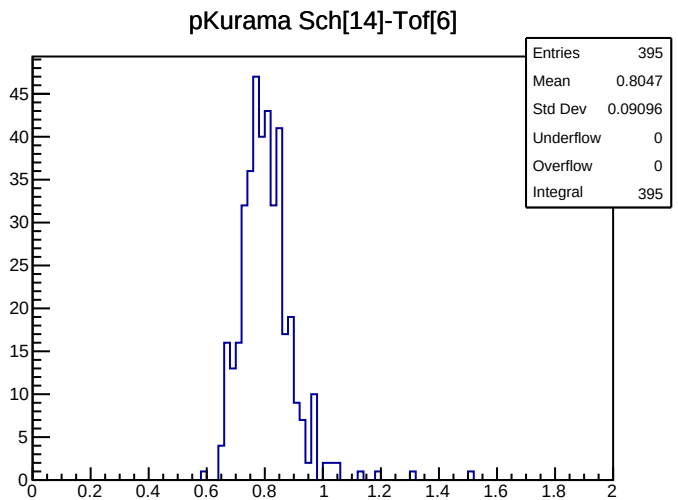

m2 Sch[13]-Tof[6]
Entries 354
Mean 0.6059
Std Dev 0.3494
Underflow 0
Overflow 9
Integral 345

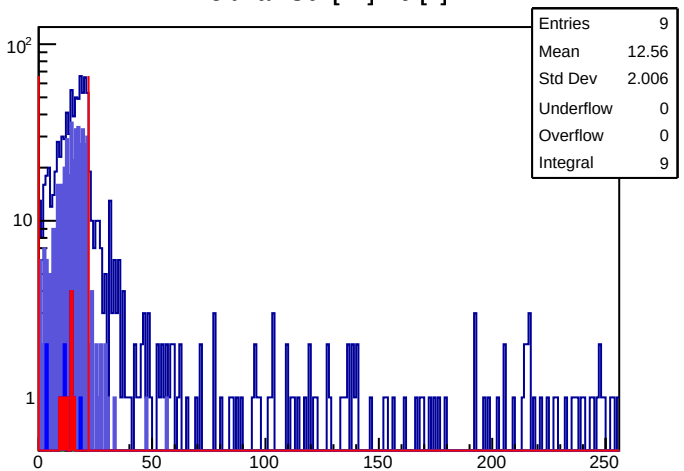

pKurama Sch[13]-Tof[6]
Entries 354
Mean 0.8584
Std Dev 0.08295
Underflow 0
Overflow 0
Integral 354

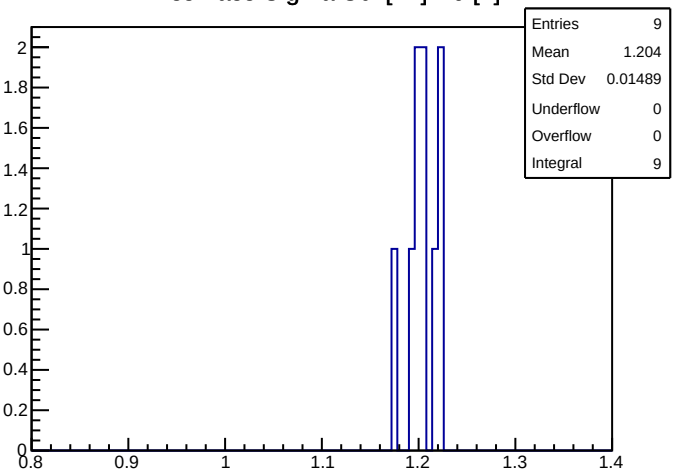

sftx all Sch[14]-Tof[6]
Entries 6
Mean 19.17
Std Dev 4.947
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

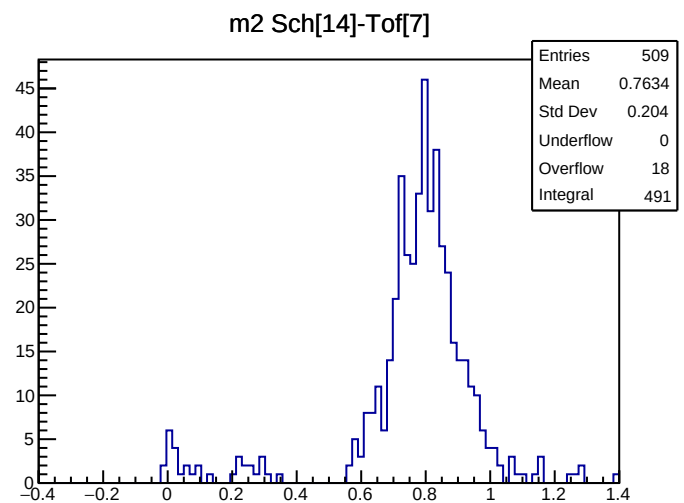

MissMass Sigma Sch[14]-Tof[6]
Entries 7
Mean 1.211
Std Dev 0.03081
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

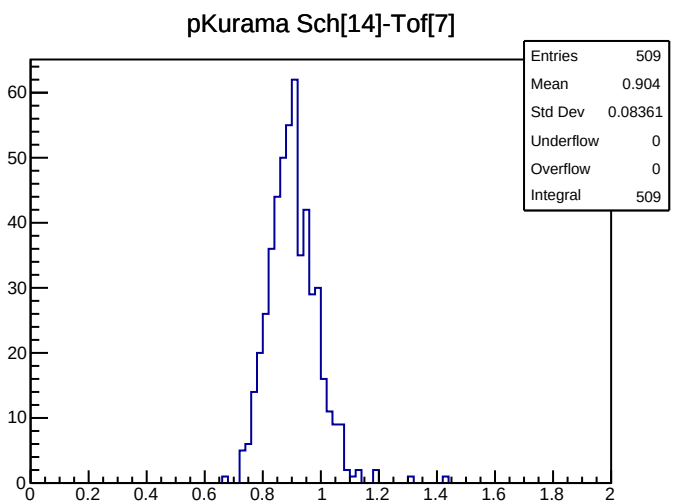

m2 Sch[14]-Tof[6]
Entries 395
Mean 0.7838
Std Dev 0.2043
Underflow 2
Overflow 9
Integral 384
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

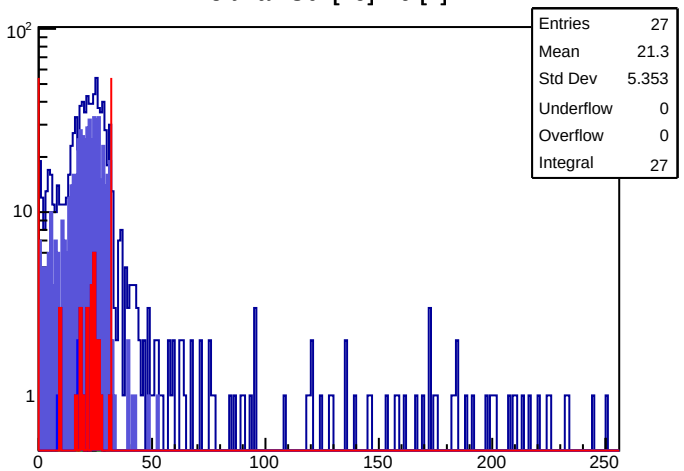

pKurama Sch[14]-Tof[6]
Entries 395
Mean 0.8047
Std Dev 0.09096
Underflow 0
Overflow 0
Integral 395
45
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

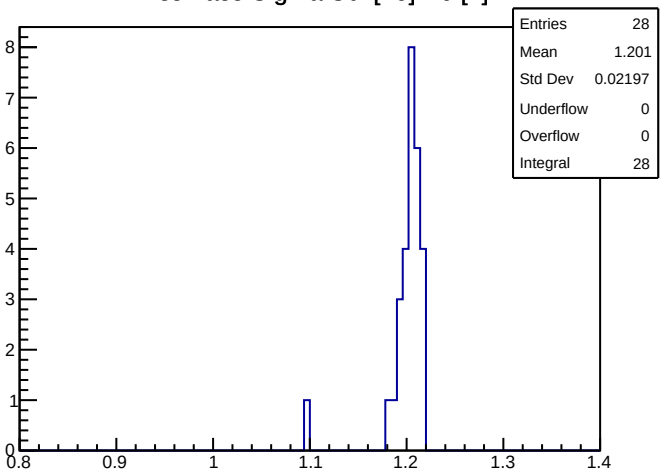

sftx all Sch[14]-Tof[7]
Entries 9
Mean 12.56
Std Dev 2.006
Underflow 0
Overflow 0
Integral 9

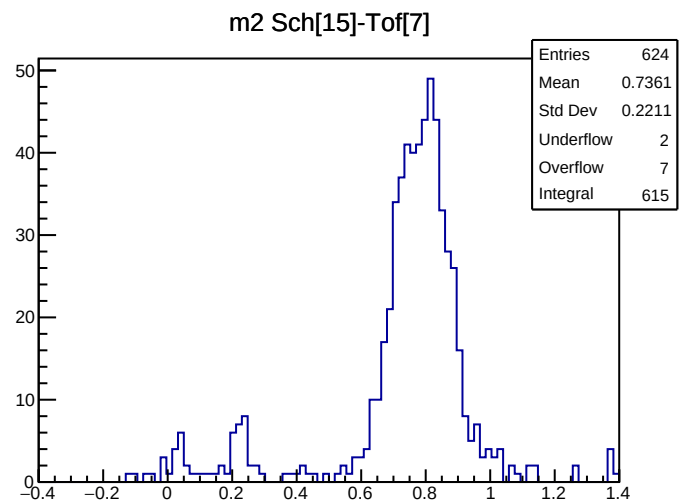

MissMass Sigma Sch[14]-Tof[7]
Entries 9
Mean 1.204
Std Dev 0.01489
Underflow 0
Overflow 0
Integral 9

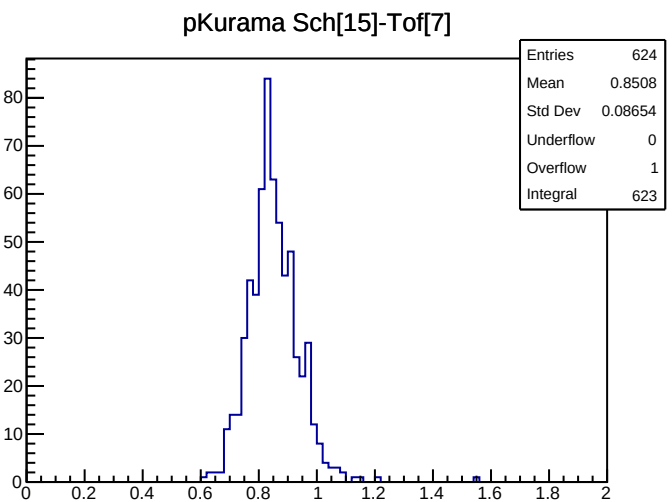

m2 Sch[14]-Tof[7]
Entries 509
Mean 0.7634
Std Dev 0.204
Underflow 0
Overflow 18
Integral 491

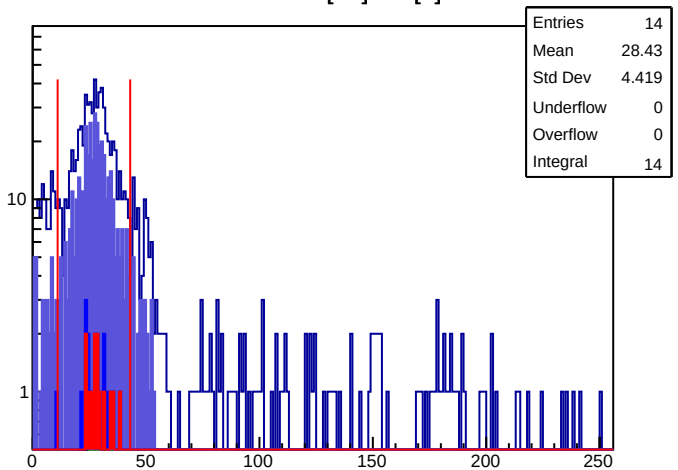

pKurama Sch[14]-Tof[7]
Entries 509
Mean 0.904
Std Dev 0.08361
Underflow 0
Overflow 0
Integral 509

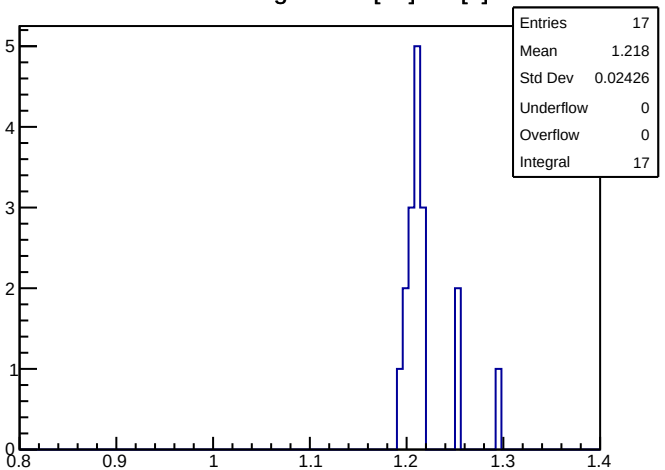

sftx all Sch[15]-Tof[7]
Entries 27
Mean 21.3
Std Dev 5.353
Underflow 0
Overflow 0
Integral 27
10^2
10
1
0
50
100
150
200
250

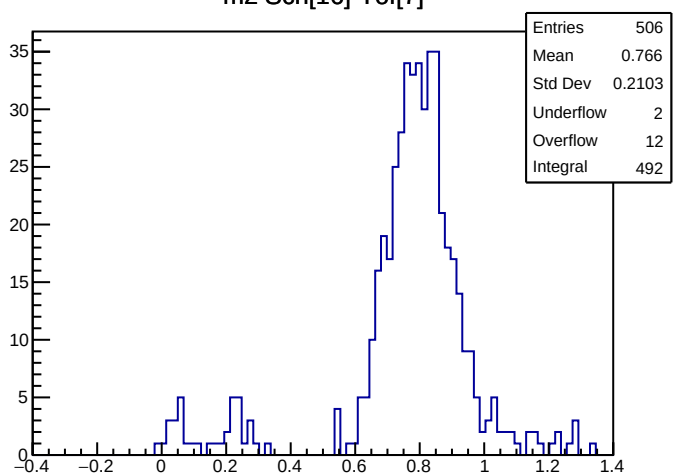

MissMass Sigma Sch[15]-Tof[7]
Entries 28
Mean 1.201
Std Dev 0.02197
Underflow 0
Overflow 0
Integral 28
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

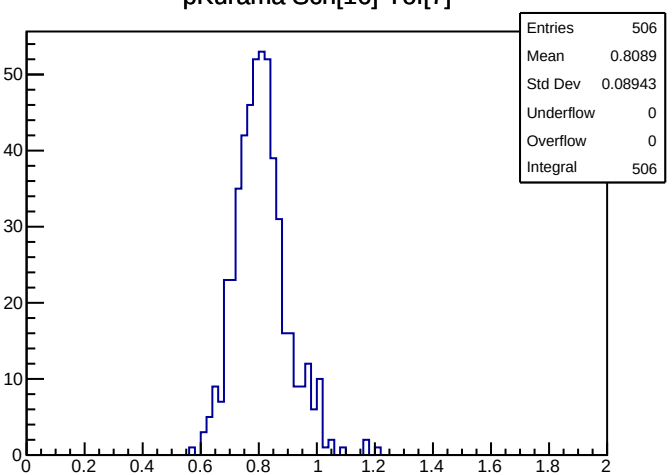

m2 Sch[15]-Tof[7]
Entries 624
Mean 0.7361
Std Dev 0.2211
Underflow 2
Overflow 7
Integral 615
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

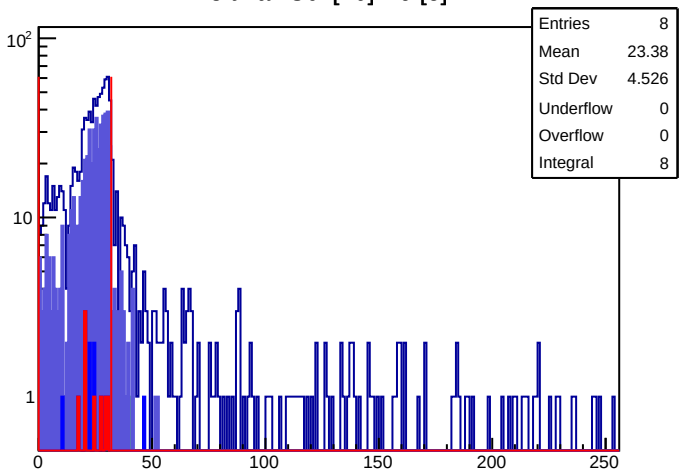

pKurama Sch[15]-Tof[7]
Entries 624
Mean 0.8508
Std Dev 0.08654
Underflow 0
Overflow 1
Integral 623
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

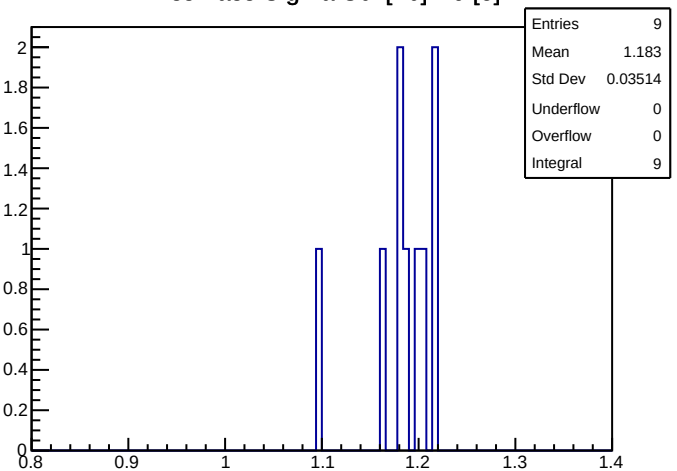

sftx all Sch[16]-Tof[7]
Entries 14
Mean 28.43
Std Dev 4.419
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

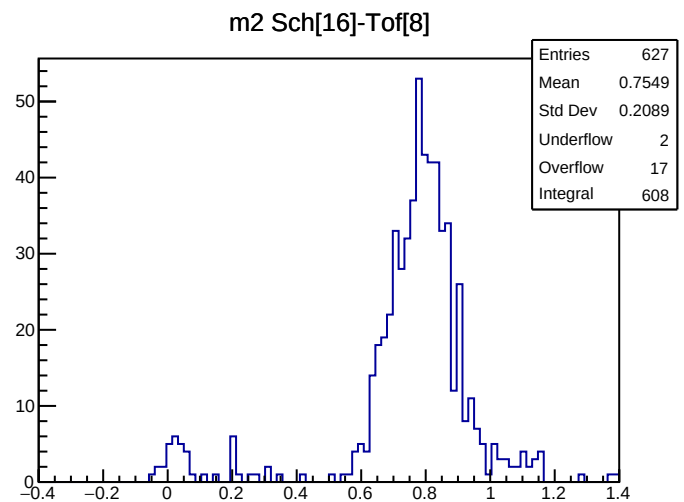

MissMass Sigma Sch[16]-Tof[7]
Entries 17
Mean 1.218
Std Dev 0.02426
Underflow 0
Overflow 0
Integral 17
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

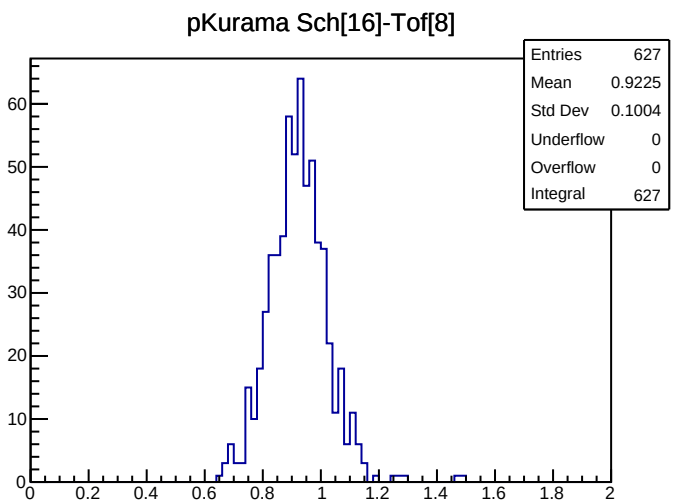

m2 Sch[16]-Tof[7]
Entries 506
Mean 0.766
Std Dev 0.2103
Underflow 2
Overflow 12
Integral 492
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

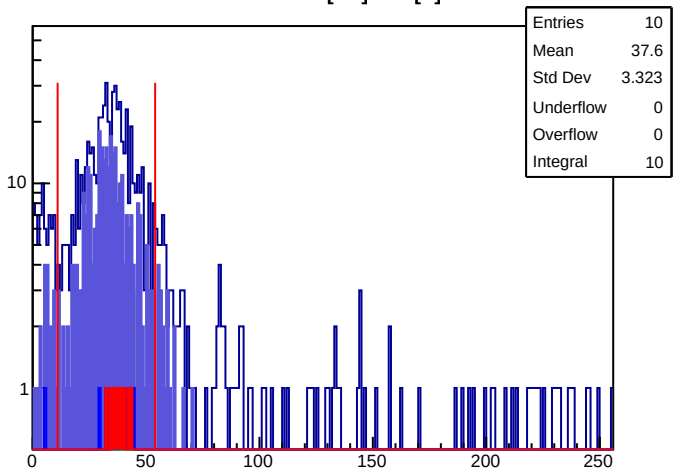

pKurama Sch[16]-Tof[7]
Entries 506
Mean 0.8089
Std Dev 0.08943
Underflow 0
Overflow 0
Integral 506
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

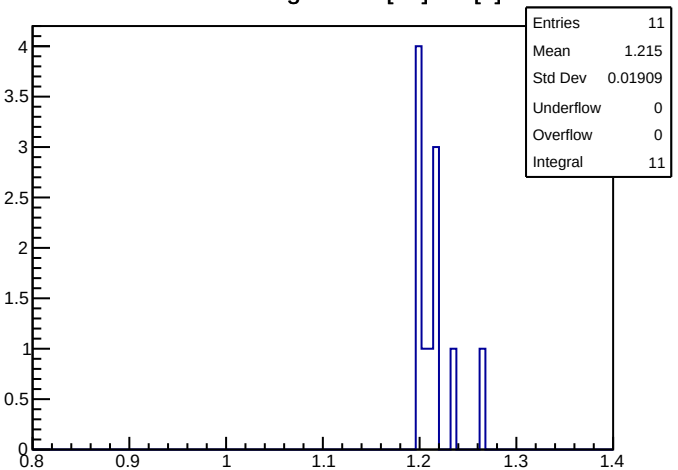

sftx all Sch[16]-Tof[8]
Entries 8
Mean 23.38
Std Dev 4.526
Underflow 0
Overflow 0
Integral 8

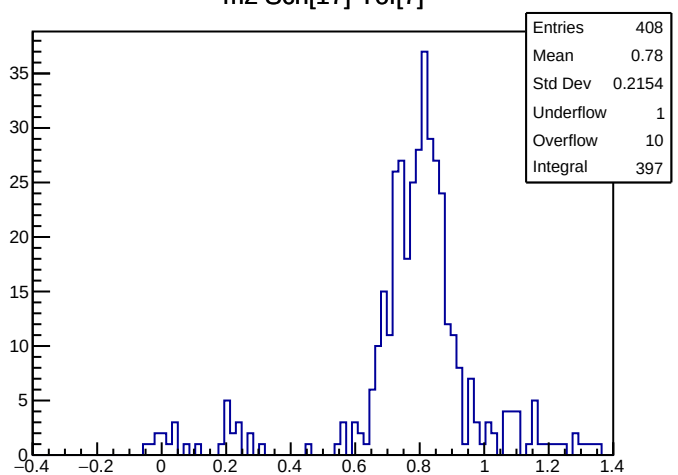

MissMass Sigma Sch[16]-Tof[8]
Entries 9
Mean 1.183
Std Dev 0.03514
Underflow 0
Overflow 0
Integral 9

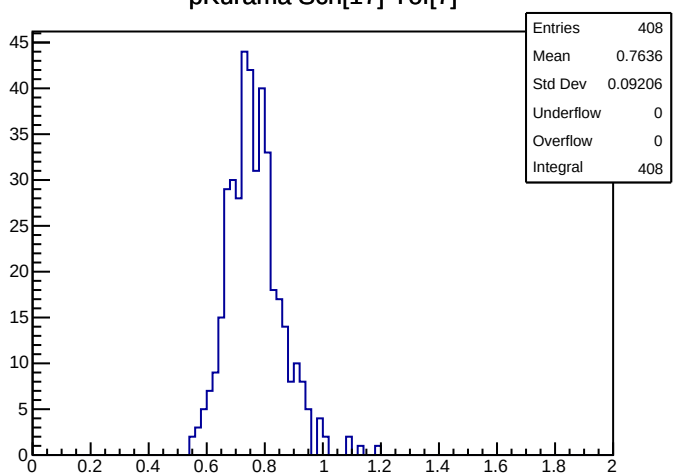

m2 Sch[16]-Tof[8]
Entries 627
Mean 0.7549
Std Dev 0.2089
Underflow 2
Overflow 17
Integral 608

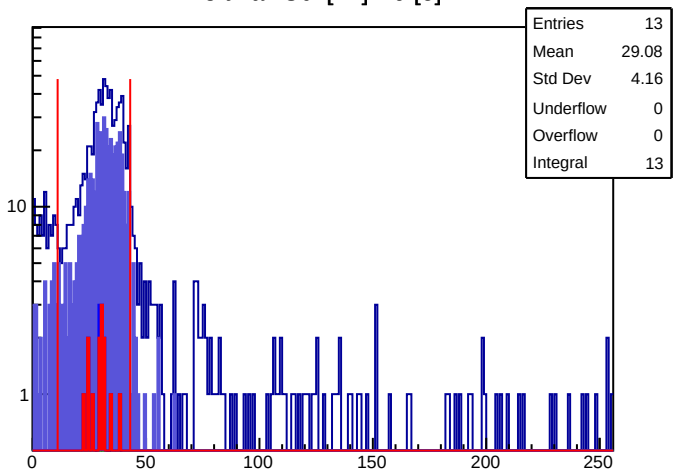

pKurama Sch[16]-Tof[8]
Entries 627
Mean 0.9225
Std Dev 0.1004
Underflow 0
Overflow 0
Integral 627

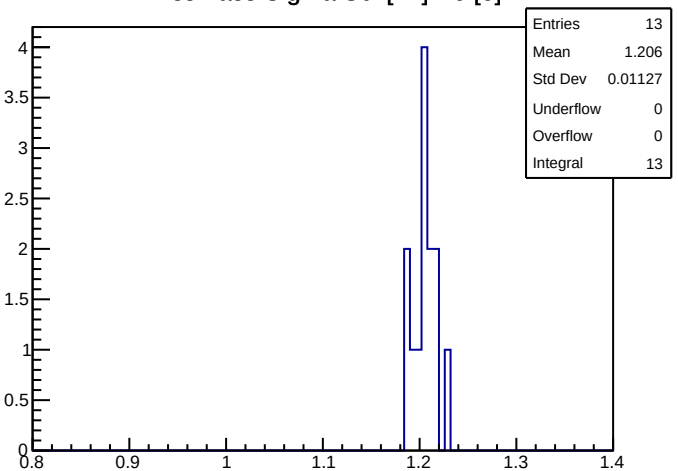

sftx all Sch[17]-Tof[7]
Entries 10
Mean 37.6
Std Dev 3.323
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

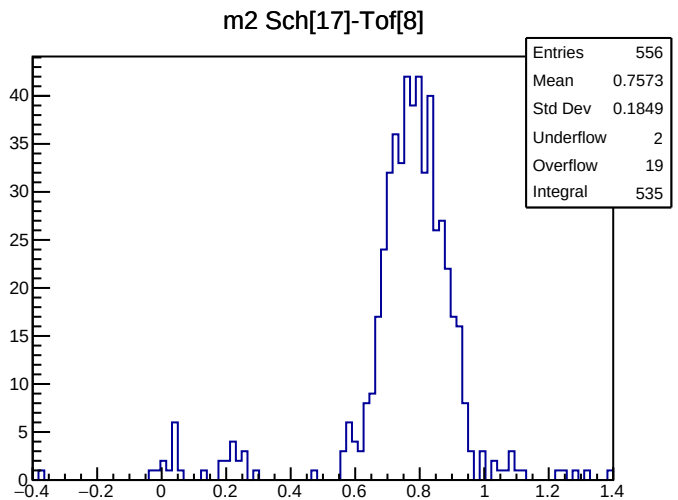

MissMass Sigma Sch[17]-Tof[7]
Entries 11
Mean 1.215
Std Dev 0.01909
Underflow 0
Overflow 0
Integral 11
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

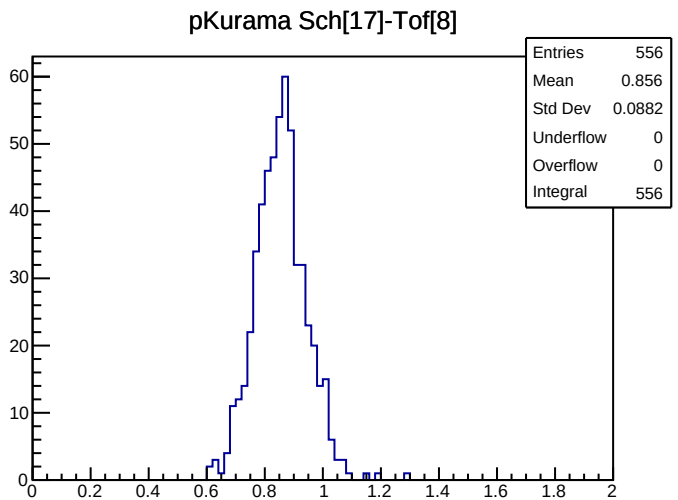

m2 Sch[17]-Tof[7]
Entries 408
Mean 0.78
Std Dev 0.2154
Underflow 1
Overflow 10
Integral 397
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

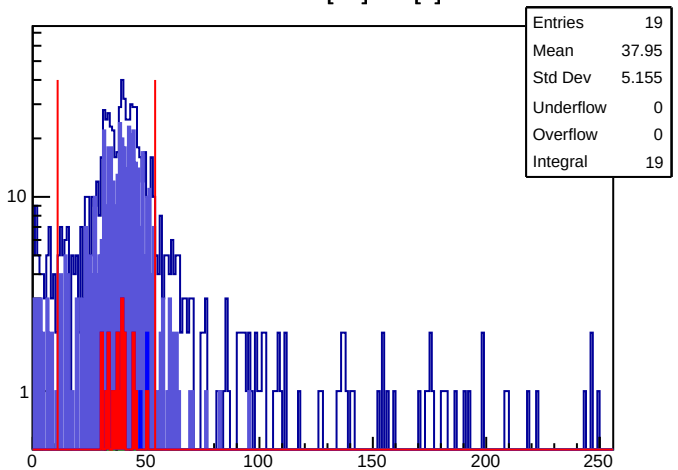

pKurama Sch[17]-Tof[7]
Entries 408
Mean 0.7636
Std Dev 0.09206
Underflow 0
Overflow 0
Integral 408
45
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

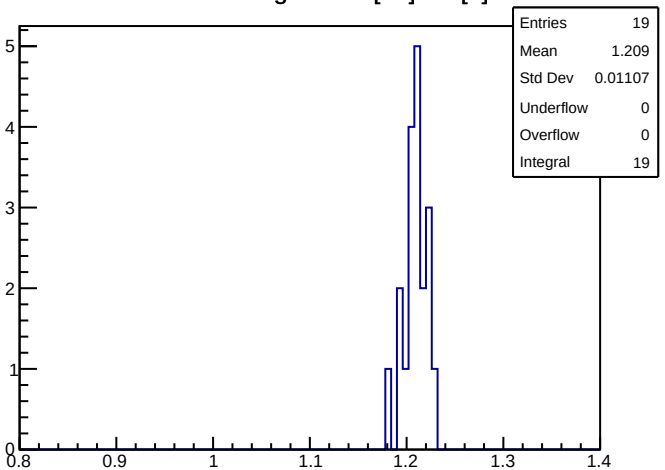

sftx all Sch[17]-Tof[8]
Entries 13
Mean 29.08
Std Dev 4.16
Underflow 0
Overflow 0
Integral 13
10
1
0
50
100
150
200
250

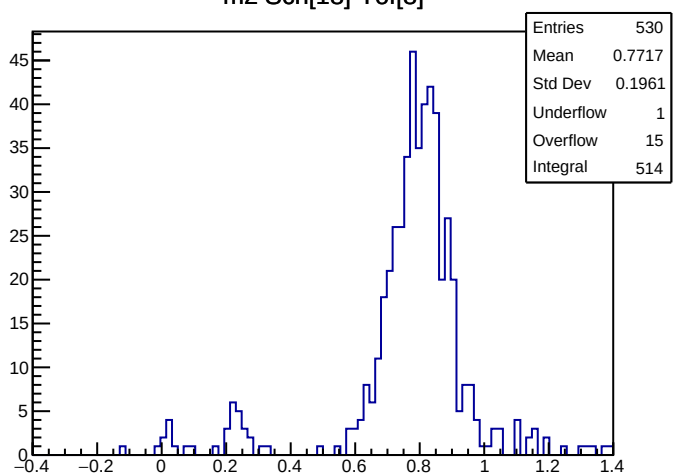

MissMass Sigma Sch[17]-Tof[8]
Entries 13
Mean 1.206
Std Dev 0.01127
Underflow 0
Overflow 0
Integral 13
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

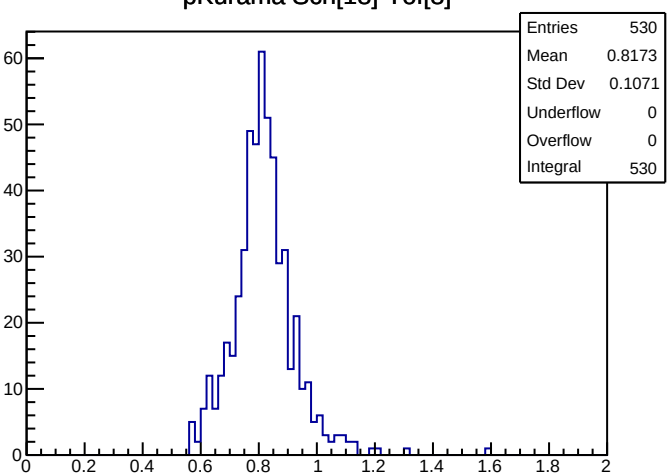

m2 Sch[17]-Tof[8]
Entries 556
Mean 0.7573
Std Dev 0.1849
Underflow 2
Overflow 19
Integral 535
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

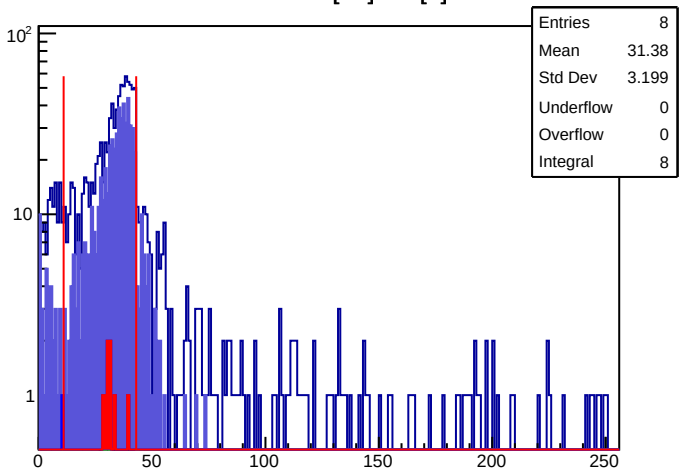

pKurama Sch[17]-Tof[8]
Entries 556
Mean 0.856
Std Dev 0.0882
Underflow 0
Overflow 0
Integral 556
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

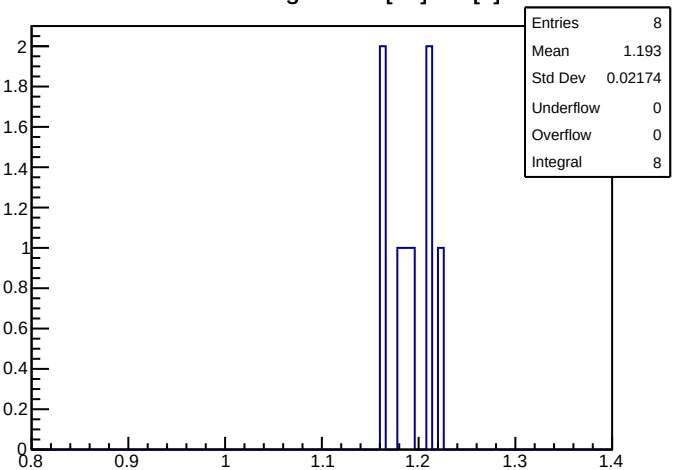

sftx all Sch[18]-Tof[8]
Entries 19
Mean 37.95
Std Dev 5.155
Underflow 0
Overflow 0
Integral 19
10
1
0
50
100
150
200
250

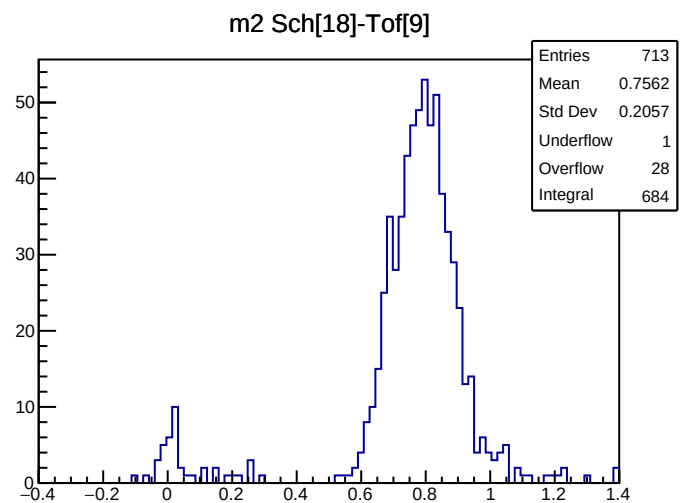

MissMass Sigma Sch[18]-Tof[8]
Entries 19
Mean 1.209
Std Dev 0.01107
Underflow 0
Overflow 0
Integral 19
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

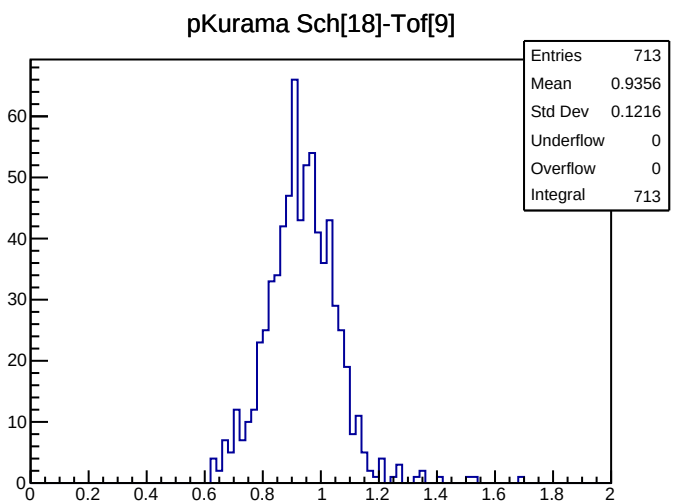

m2 Sch[18]-Tof[8]
Entries 530
Mean 0.7717
Std Dev 0.1961
Underflow 1
Overflow 15
Integral 514
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

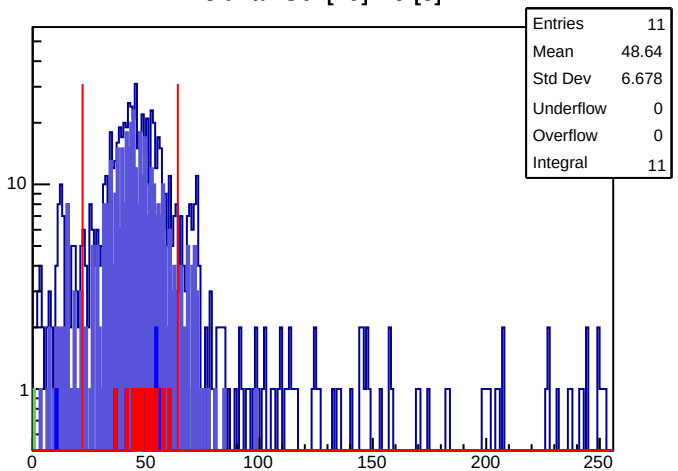

pKurama Sch[18]-Tof[8]
Entries 530
Mean 0.8173
Std Dev 0.1071
Underflow 0
Overflow 0
Integral 530
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

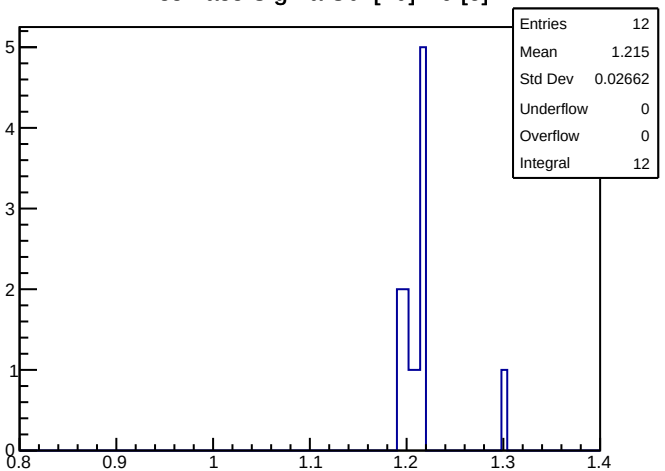

sftx all Sch[18]-Tof[9]
Entries 8
Mean 31.38
Std Dev 3.199
Underflow 0
Overflow 0
Integral 8

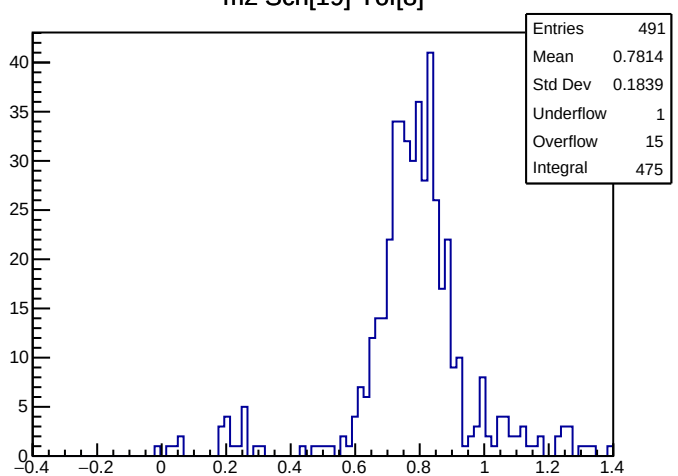

MissMass Sigma Sch[18]-Tof[9]
Entries 8
Mean 1.193
Std Dev 0.02174
Underflow 0
Overflow 0
Integral 8

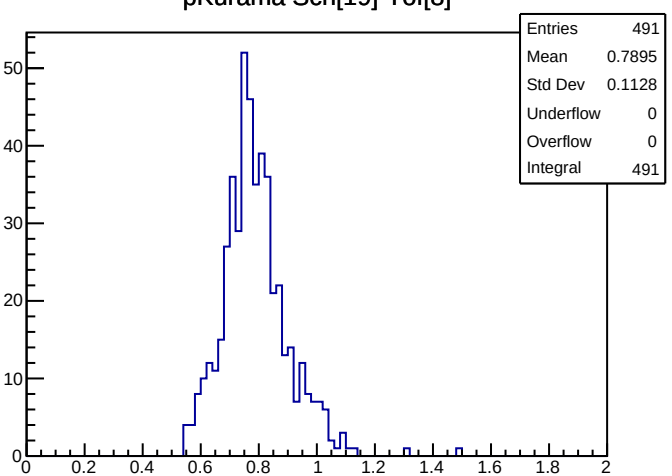

m2 Sch[18]-Tof[9]
Entries 713
Mean 0.7562
Std Dev 0.2057
Underflow 1
Overflow 28
Integral 684

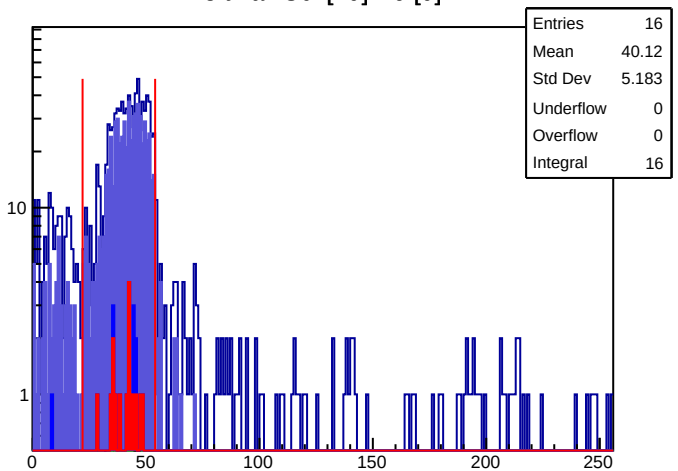

pKurama Sch[18]-Tof[9]
Entries 713
Mean 0.9356
Std Dev 0.1216
Underflow 0
Overflow 0
Integral 713

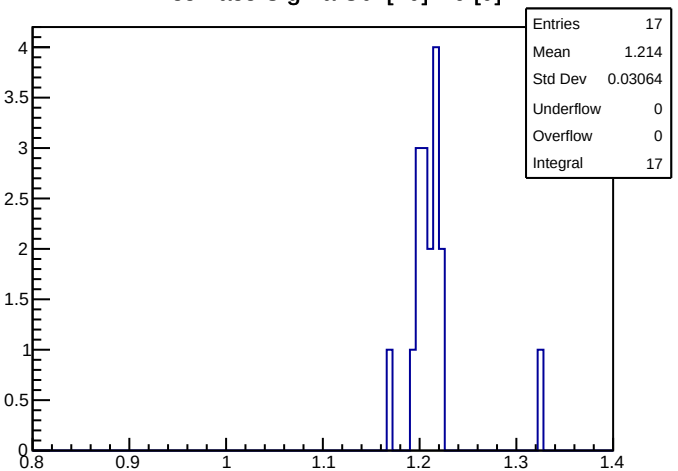

sftx all Sch[19]-Tof[8]
Entries 11
Mean 48.64
Std Dev 6.678
Underflow 0
Overflow 0
Integral 11
10
1
0
50
100
150
200
250

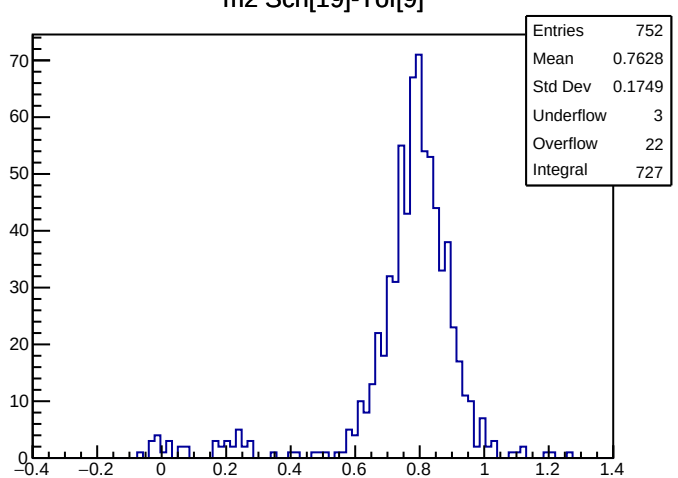

MissMass Sigma Sch[19]-Tof[8]
Entries 12
Mean 1.215
Std Dev 0.02662
Underflow 0
Overflow 0
Integral 12
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

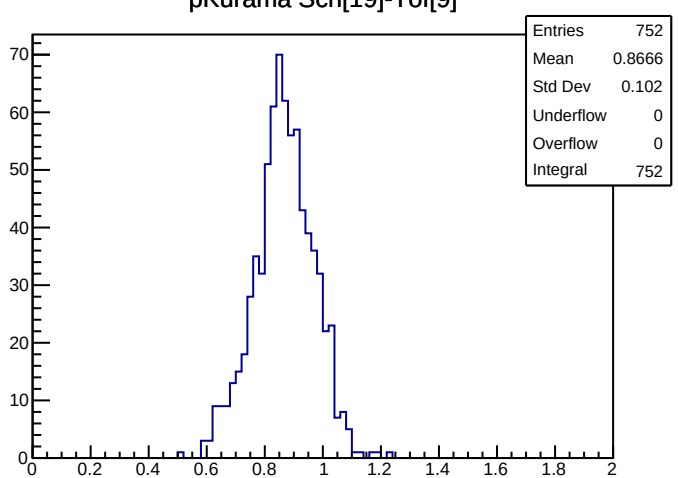

m2 Sch[19]-Tof[8]
Entries 491
Mean 0.7814
Std Dev 0.1839
Underflow 1
Overflow 15
Integral 475
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

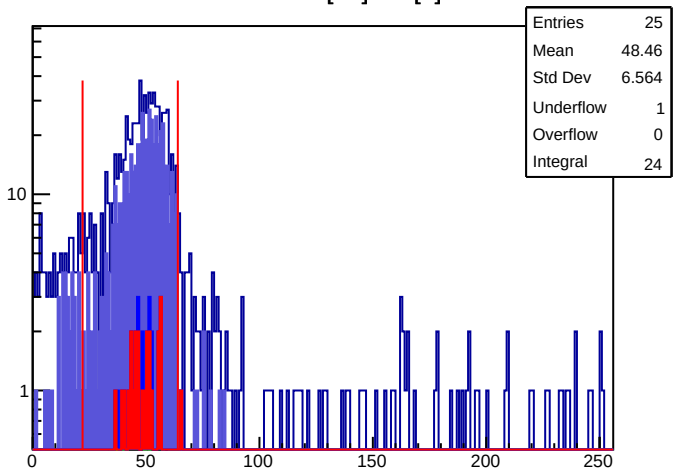

pKurama Sch[19]-Tof[8]
Entries 491
Mean 0.7895
Std Dev 0.1128
Underflow 0
Overflow 0
Integral 491
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

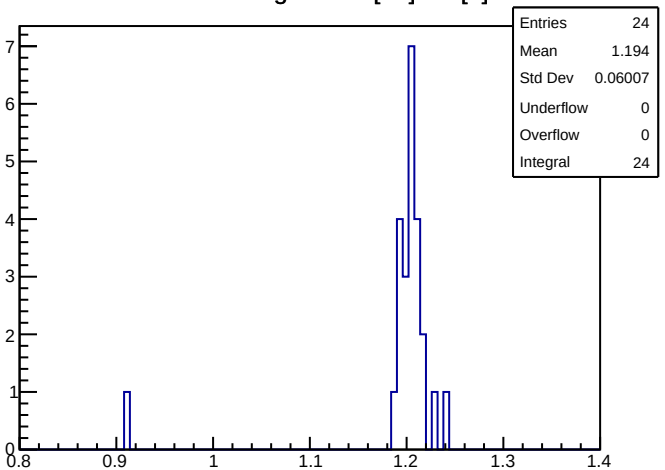

sftx all Sch[19]-Tof[9]
Entries 16
Mean 40.12
Std Dev 5.183
Underflow 0
Overflow 0
Integral 16
10
1
0
50
100
150
200
250

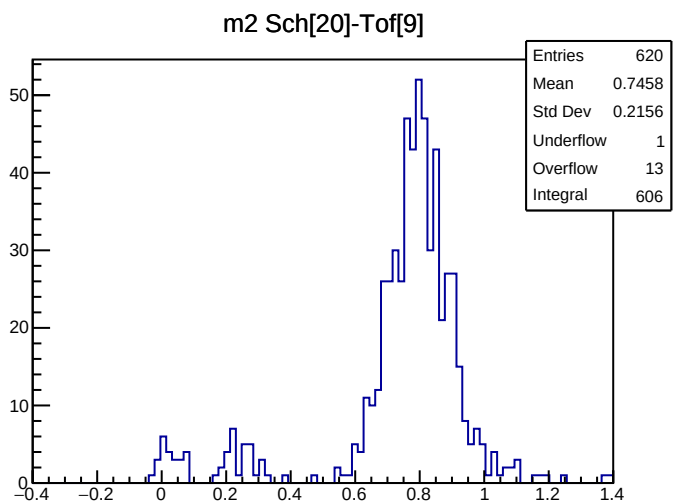

MissMass Sigma Sch[19]-Tof[9]
Entries 17
Mean 1.214
Std Dev 0.03064
Underflow 0
Overflow 0
Integral 17
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

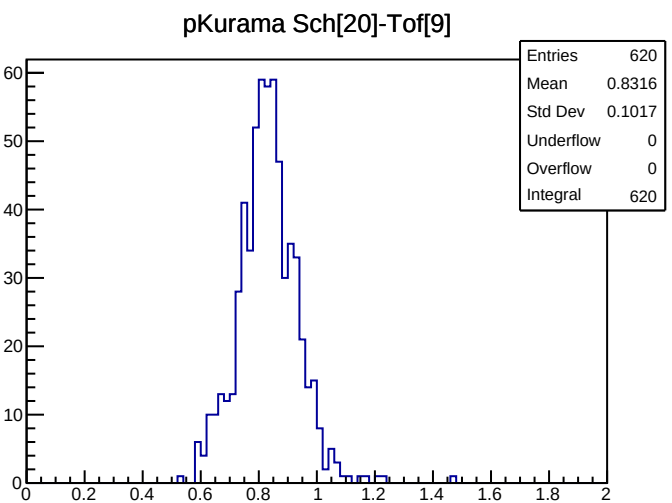

m2 Sch[19]-Tof[9]
Entries 752
Mean 0.7628
Std Dev 0.1749
Underflow 3
Overflow 22
Integral 727
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

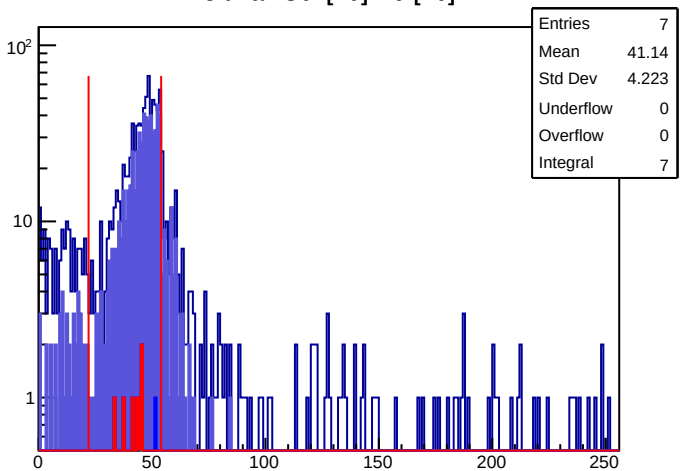

pKurama Sch[19]-Tof[9]
Entries 752
Mean 0.8666
Std Dev 0.102
Underflow 0
Overflow 0
Integral 752
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

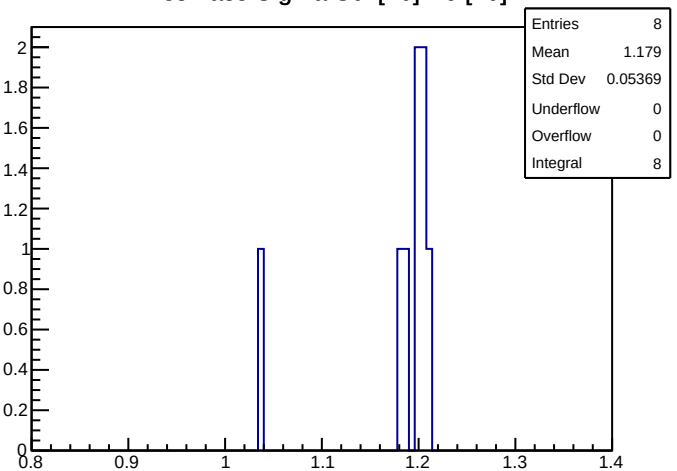

sftx all Sch[20]-Tof[9]
Entries 25
Mean 48.46
Std Dev 6.564
Underflow 1
Overflow 0
Integral 24
10
1
0
50
100
150
200
250

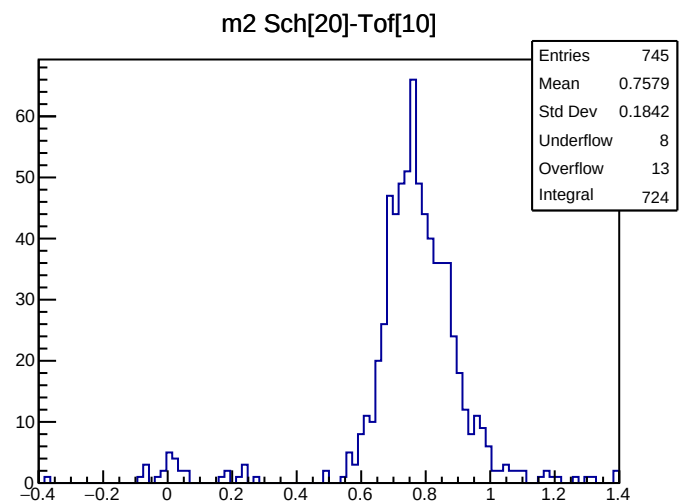

MissMass Sigma Sch[20]-Tof[9]
Entries 24
Mean 1.194
Std Dev 0.06007
Underflow 0
Overflow 0
Integral 24
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

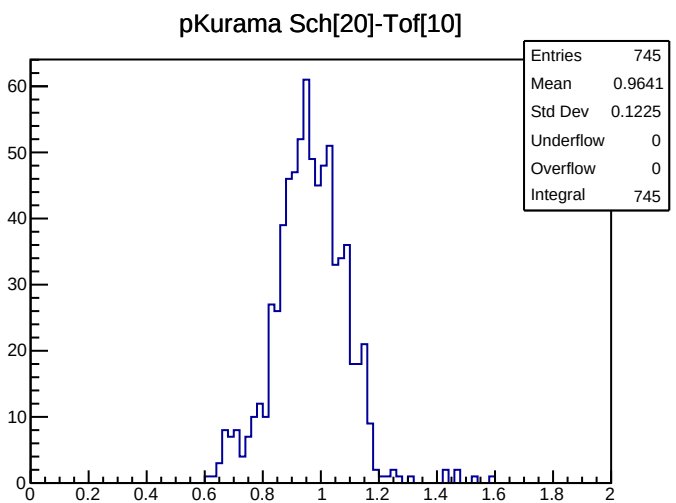

m2 Sch[20]-Tof[9]
Entries 620
Mean 0.7458
Std Dev 0.2156
Underflow 1
Overflow 13
Integral 606
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

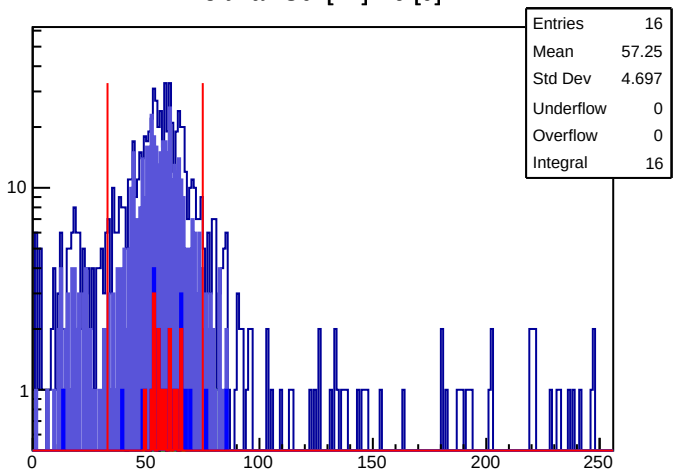

pKurama Sch[20]-Tof[9]
Entries 620
Mean 0.8316
Std Dev 0.1017
Underflow 0
Overflow 0
Integral 620
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

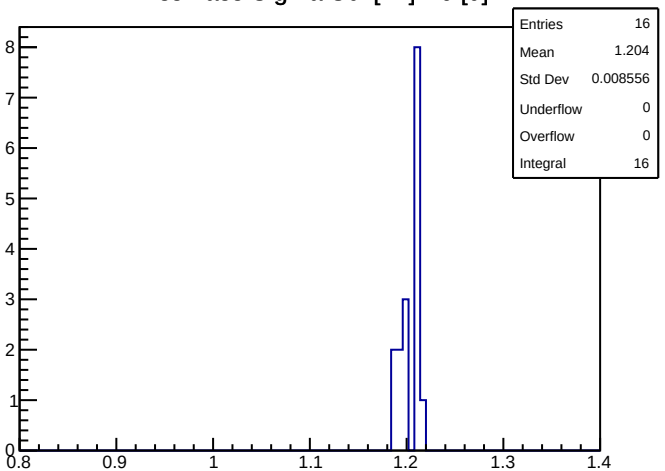

sftx all Sch[20]-Tof[10]
Entries 7
Mean 41.14
Std Dev 4.223
Underflow 0
Overflow 0
Integral 7

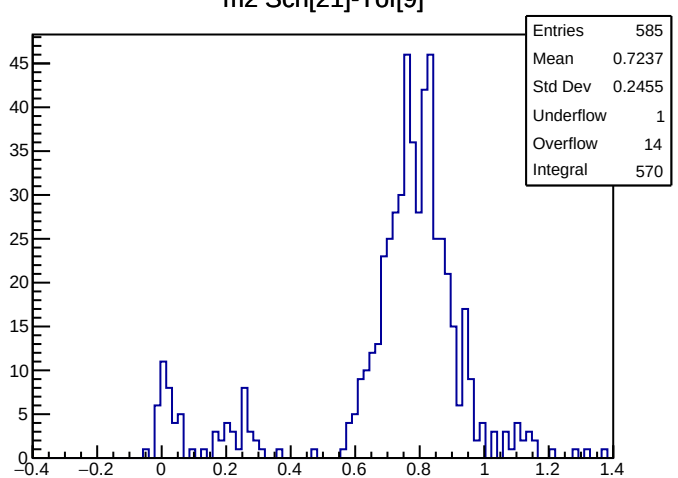

MissMass Sigma Sch[20]-Tof[10]
Entries 8
Mean 1.179
Std Dev 0.05369
Underflow 0
Overflow 0
Integral 8

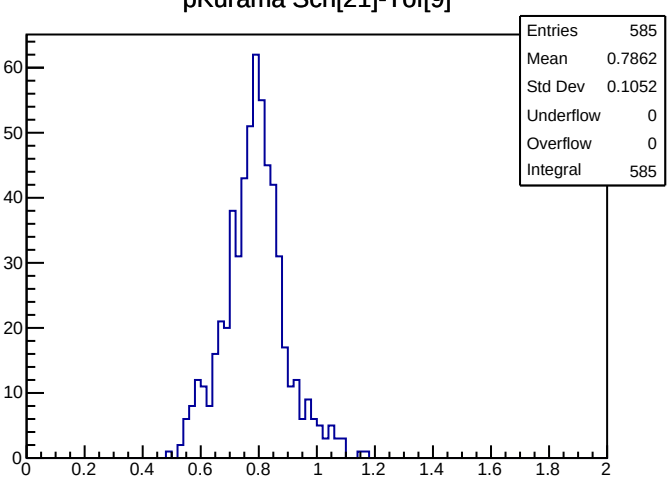

m2 Sch[20]-Tof[10]
Entries 745
Mean 0.7579
Std Dev 0.1842
Underflow 8
Overflow 13
Integral 724

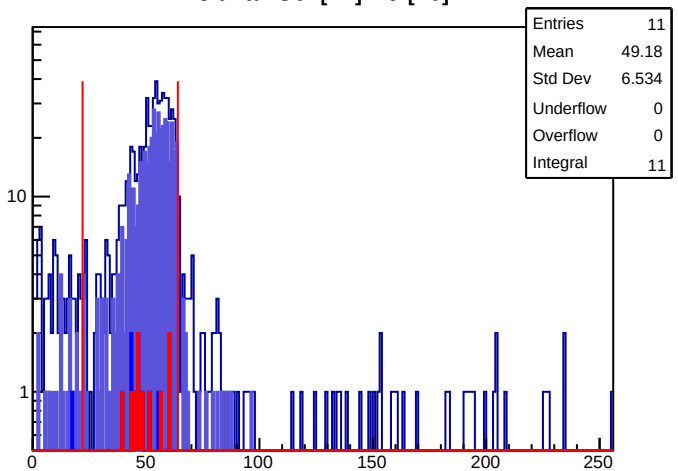

pKurama Sch[20]-Tof[10]
Entries 745
Mean 0.9641
Std Dev 0.1225
Underflow 0
Overflow 0
Integral 745

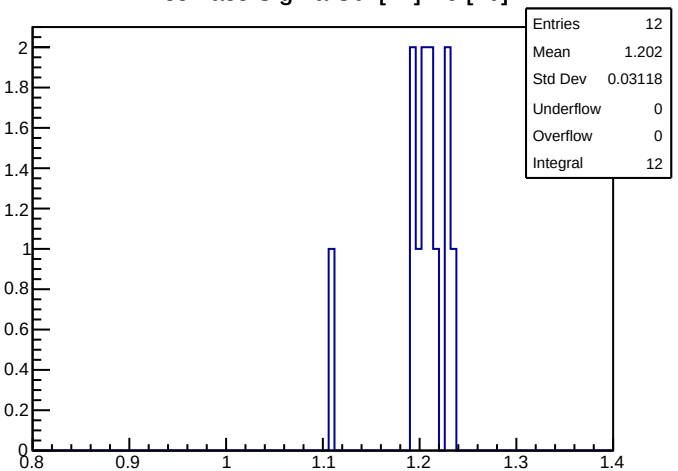

sftx all Sch[21]-Tof[9]
Entries 16
Mean 57.25
Std Dev 4.697
Underflow 0
Overflow 0
Integral 16
10
1
0
50
100
150
200
250

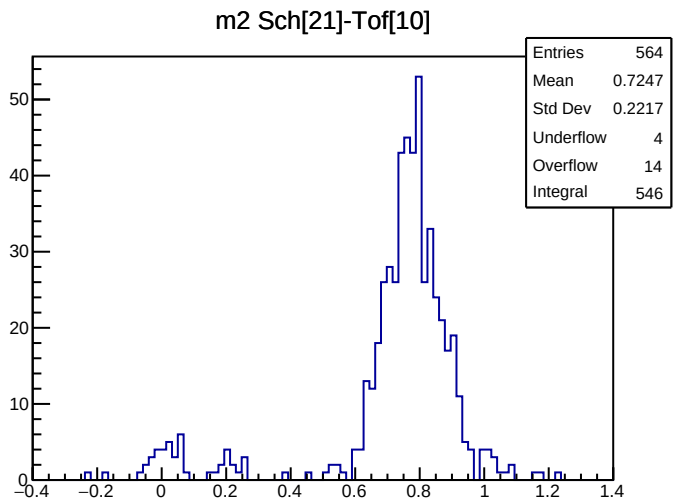

MissMass Sigma Sch[21]-Tof[9]
Entries 16
Mean 1.204
Std Dev 0.008556
Underflow 0
Overflow 0
Integral 16
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

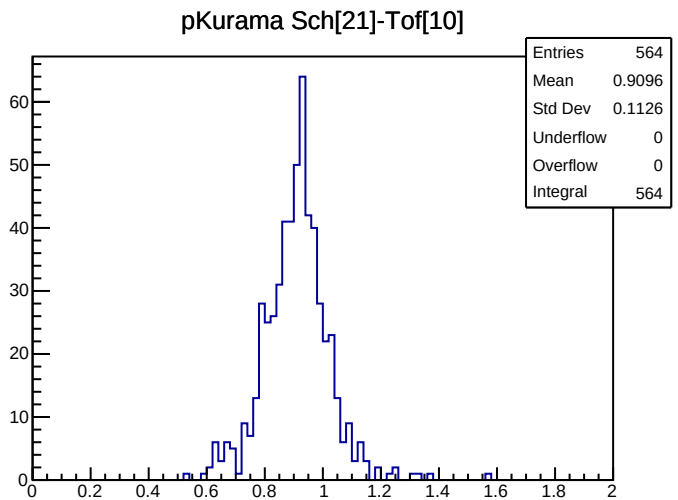

m2 Sch[21]-Tof[9]
Entries 585
Mean 0.7237
Std Dev 0.2455
Underflow 1
Overflow 14
Integral 570
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

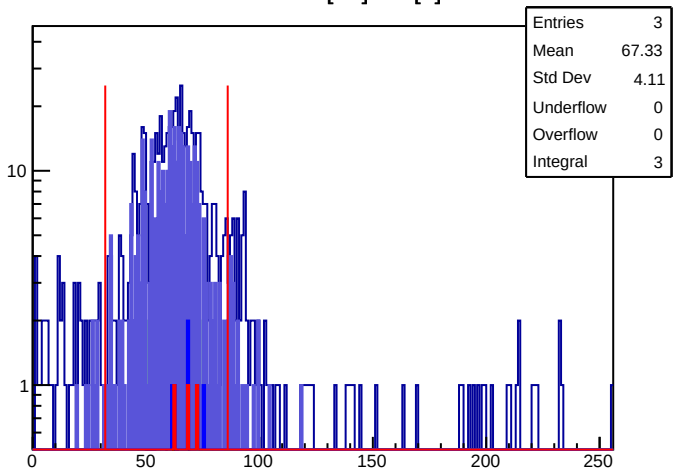

pKurama Sch[21]-Tof[9]
Entries 585
Mean 0.7862
Std Dev 0.1052
Underflow 0
Overflow 0
Integral 585
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

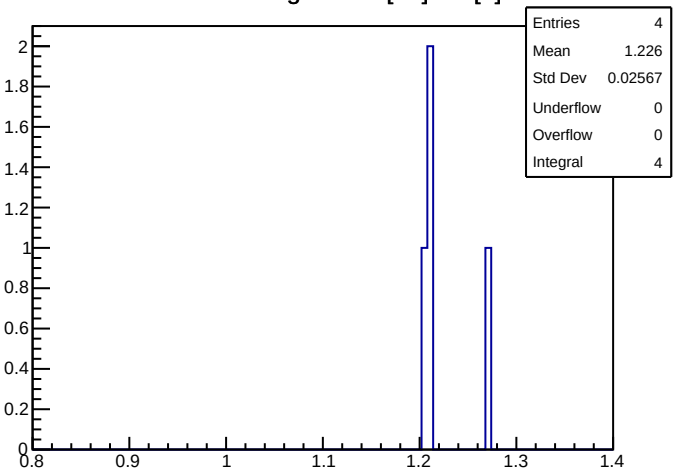

sftx all Sch[21]-Tof[10]
Entries 11
Mean 49.18
Std Dev 6.534
Underflow 0
Overflow 0
Integral 11
10
1
0
50
100
150
200
250

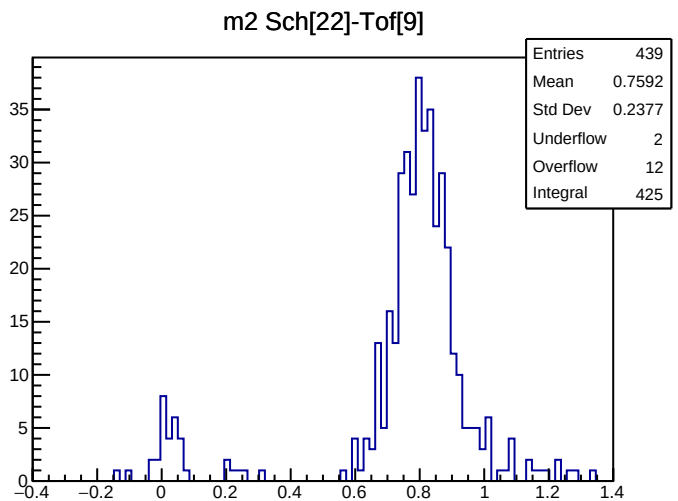

MissMass Sigma Sch[21]-Tof[10]
Entries 12
Mean 1.202
Std Dev 0.03118
Underflow 0
Overflow 0
Integral 12
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

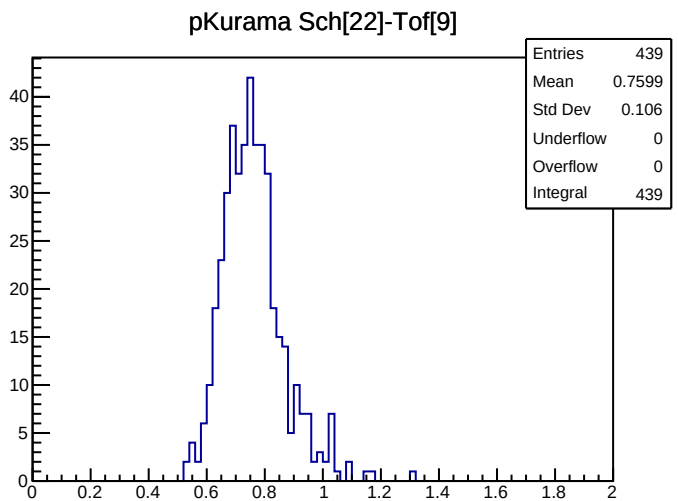

m2 Sch[21]-Tof[10]
Entries 564
Mean 0.7247
Std Dev 0.2217
Underflow 4
Overflow 14
Integral 546
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

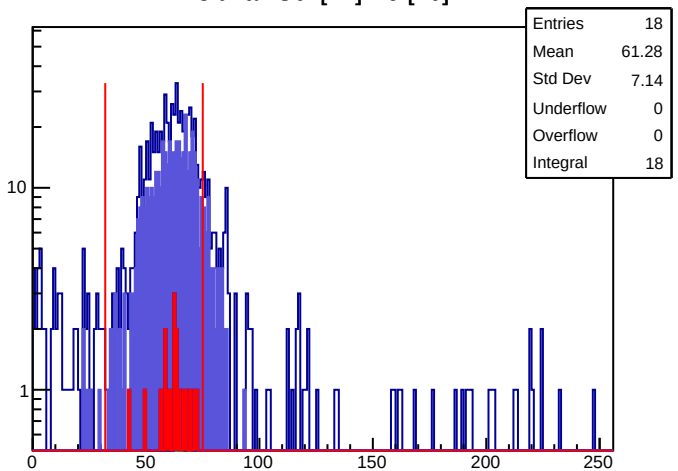

pKurama Sch[21]-Tof[10]
Entries 564
Mean 0.9096
Std Dev 0.1126
Underflow 0
Overflow 0
Integral 564
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

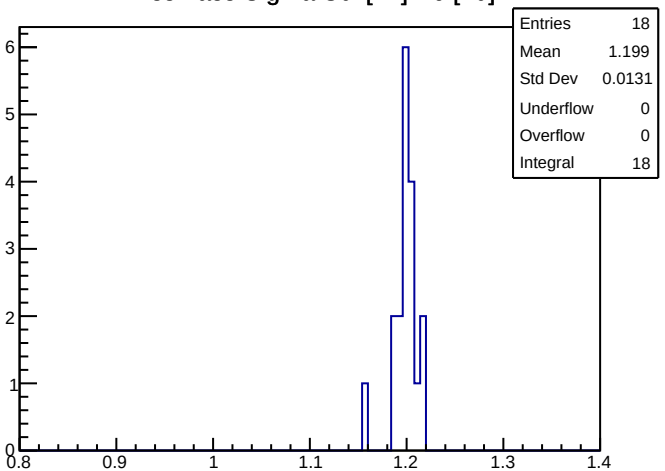

sftx all Sch[22]-Tof[9]
Entries 3
Mean 67.33
Std Dev 4.11
Underflow 0
Overflow 0
Integral 3

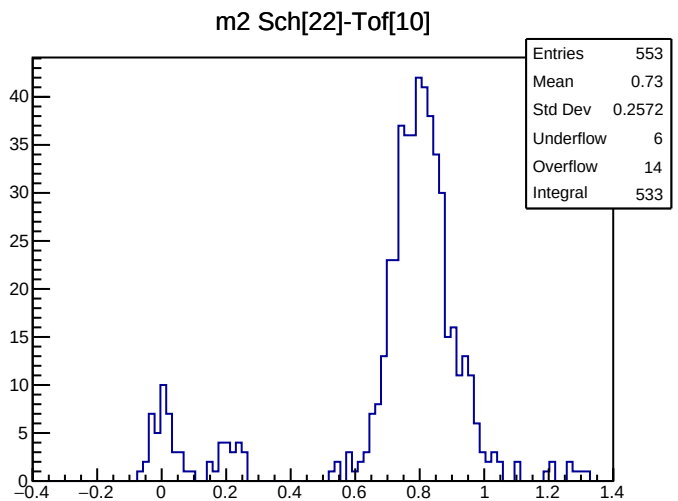

MissMass Sigma Sch[22]-Tof[9]
Entries 4
Mean 1.226
Std Dev 0.02567
Underflow 0
Overflow 0
Integral 4

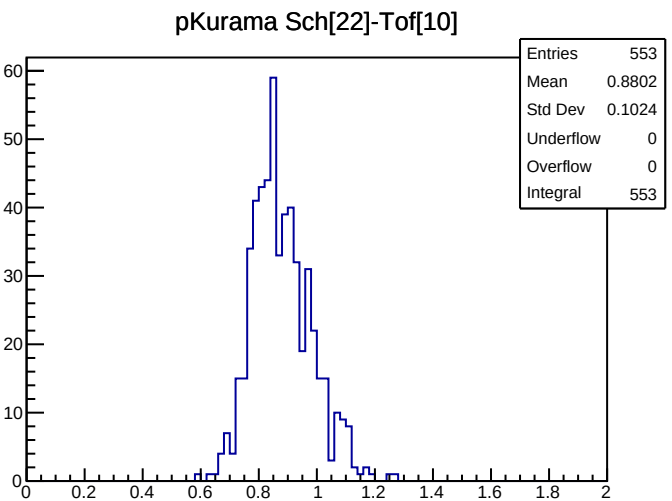

m2 Sch[22]-Tof[9]
Entries 439
Mean 0.7592
Std Dev 0.2377
Underflow 2
Overflow 12
Integral 425

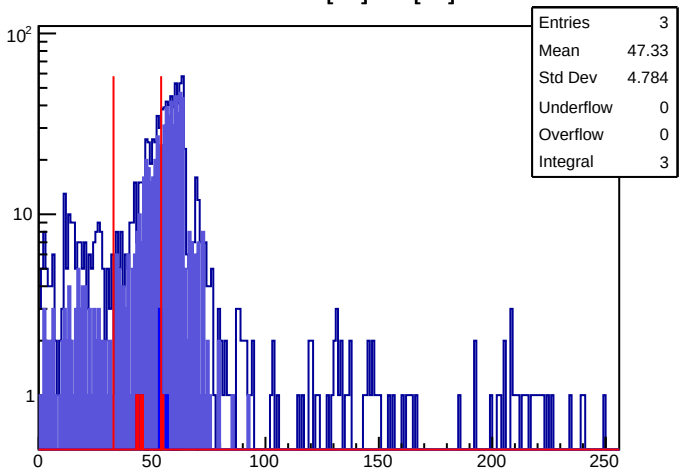

pKurama Sch[22]-Tof[9]
Entries 439
Mean 0.7599
Std Dev 0.106
Underflow 0
Overflow 0
Integral 439

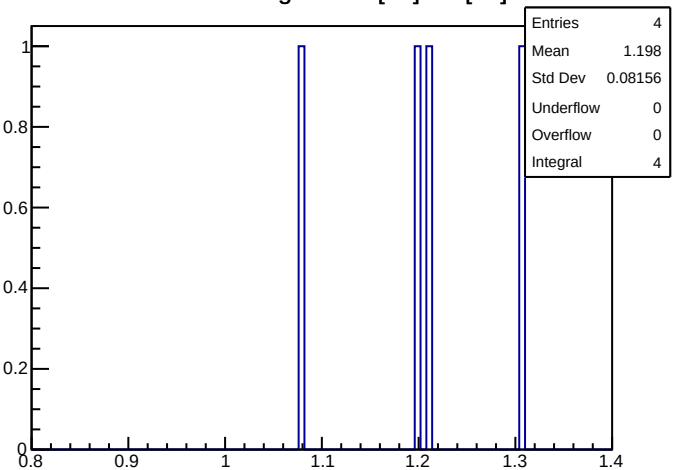

sftx all Sch[22]-Tof[10]
Entries 18
Mean 61.28
Std Dev 7.14
Underflow 0
Overflow 0
Integral 18
10
1
0
50
100
150
200
250

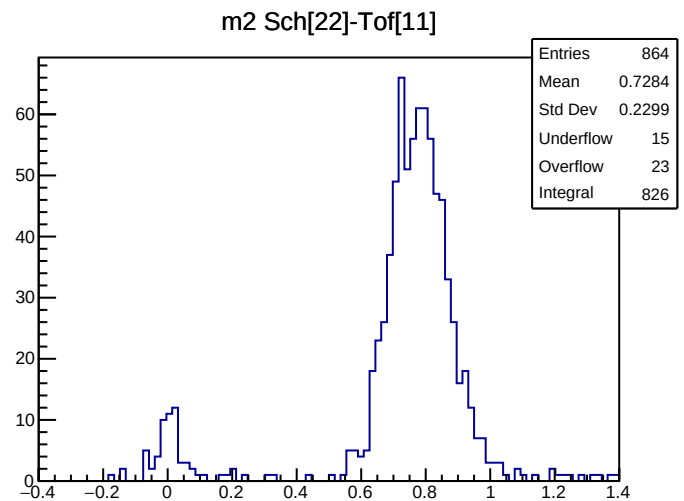

MissMass Sigma Sch[22]-Tof[10]
Entries 18
Mean 1.199
Std Dev 0.0131
Underflow 0
Overflow 0
Integral 18
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

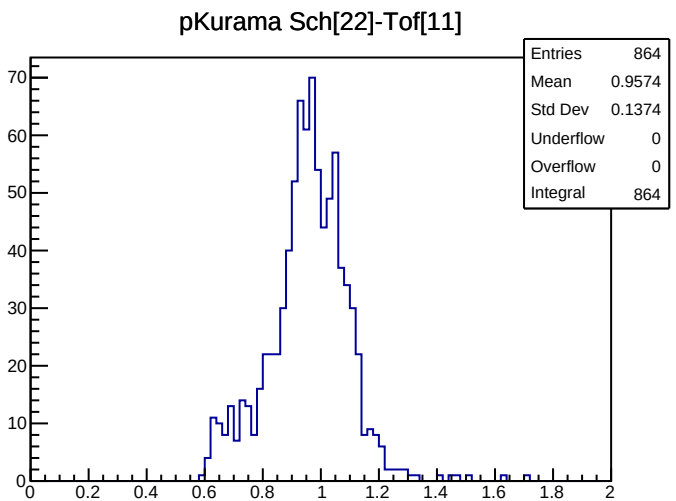

m2 Sch[22]-Tof[10]
Entries 553
Mean 0.73
Std Dev 0.2572
Underflow 6
Overflow 14
Integral 533
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

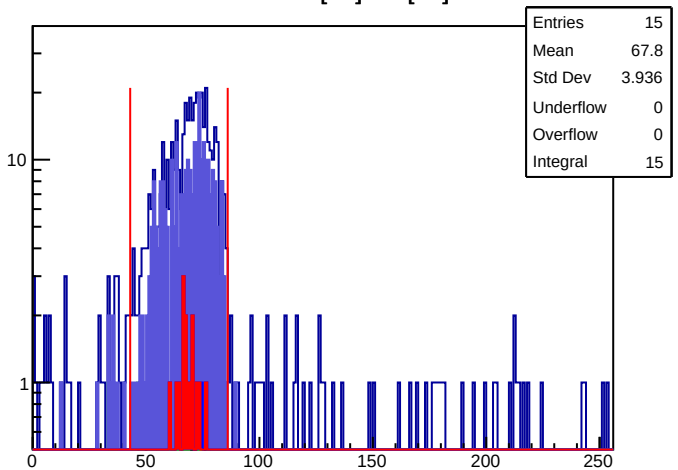

pKurama Sch[22]-Tof[10]
Entries 553
Mean 0.8802
Std Dev 0.1024
Underflow 0
Overflow 0
Integral 553
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

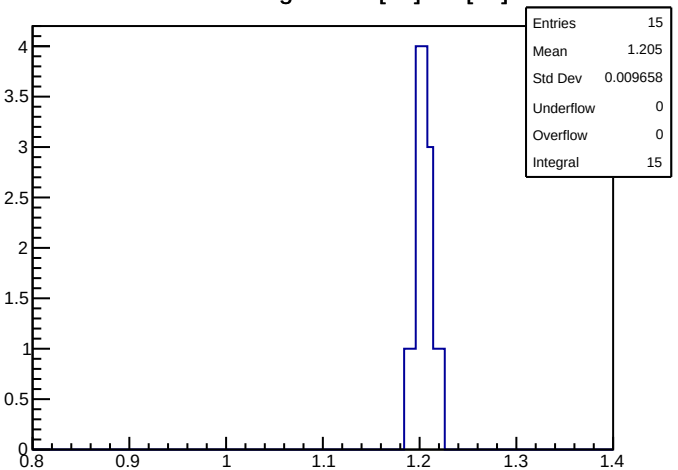

sftx all Sch[22]-Tof[11]
Entries 3
Mean 47.33
Std Dev 4.784
Underflow 0
Overflow 0
Integral 3

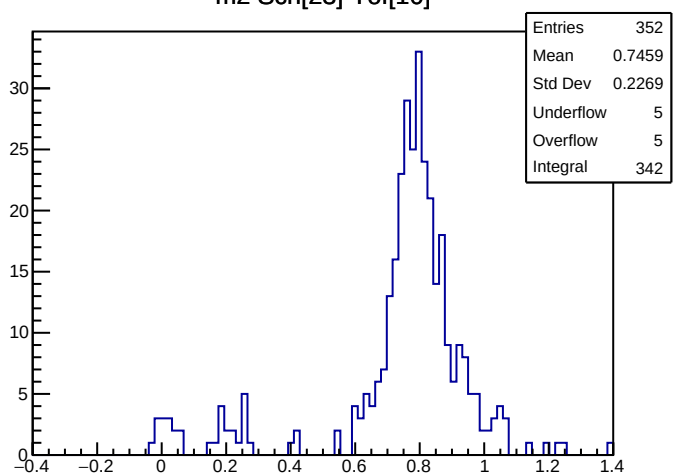

MissMass Sigma Sch[22]-Tof[11]
Entries 4
Mean 1.198
Std Dev 0.08156
Underflow 0
Overflow 0
Integral 4

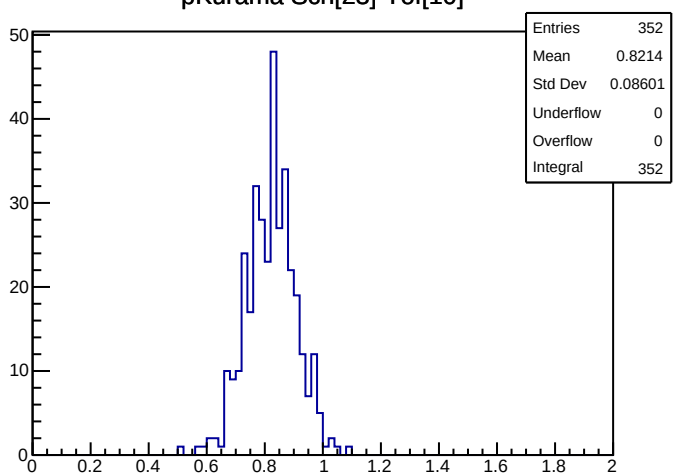

m2 Sch[22]-Tof[11]
Entries 864
Mean 0.7284
Std Dev 0.2299
Underflow 15
Overflow 23
Integral 826

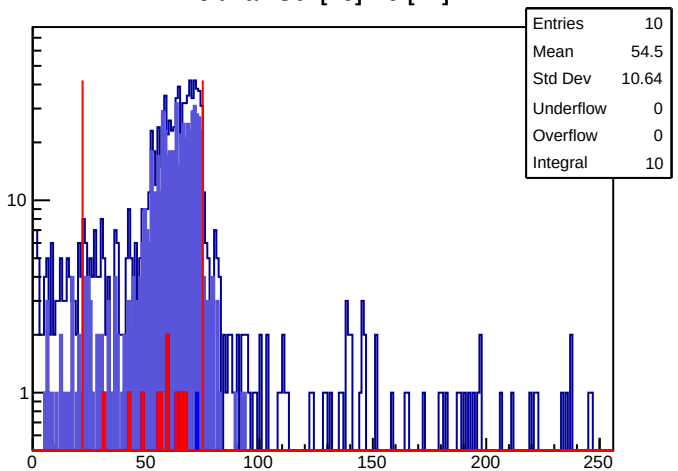

pKurama Sch[22]-Tof[11]
Entries 864
Mean 0.9574
Std Dev 0.1374
Underflow 0
Overflow 0
Integral 864

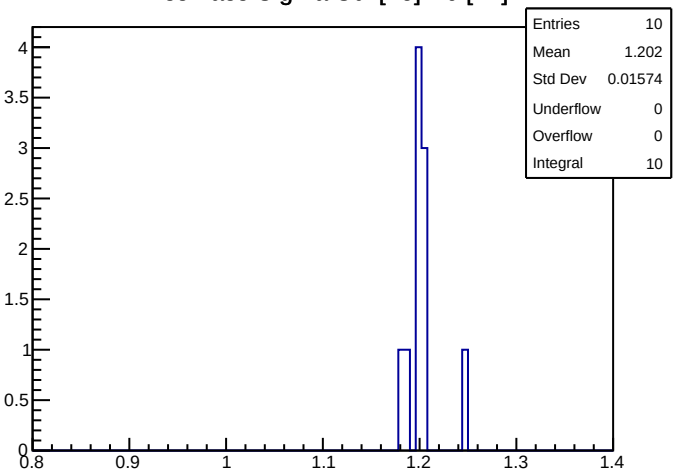

sftx all Sch[23]-Tof[10]
Entries 15
Mean 67.8
Std Dev 3.936
Underflow 0
Overflow 0
Integral 15

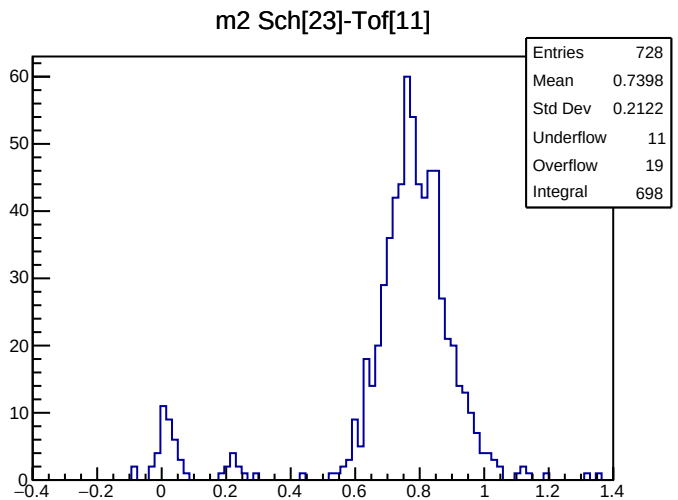

MissMass Sigma Sch[23]-Tof[10]
Entries 15
Mean 1.205
Std Dev 0.009658
Underflow 0
Overflow 0
Integral 15

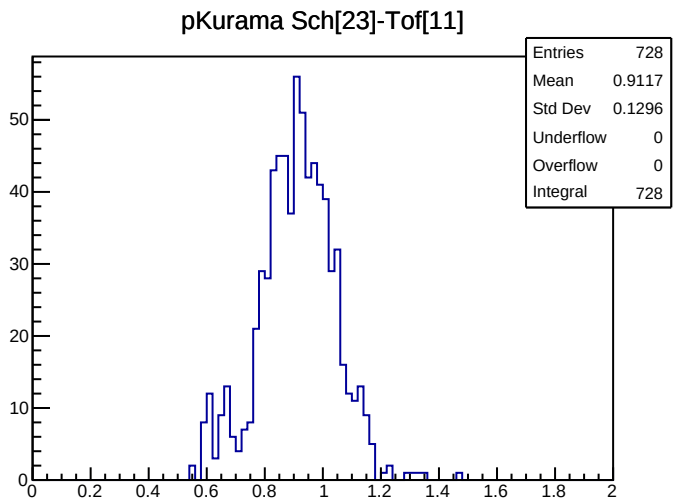

m2 Sch[23]-Tof[10]
Entries 352
Mean 0.7459
Std Dev 0.2269
Underflow 5
Overflow 5
Integral 342

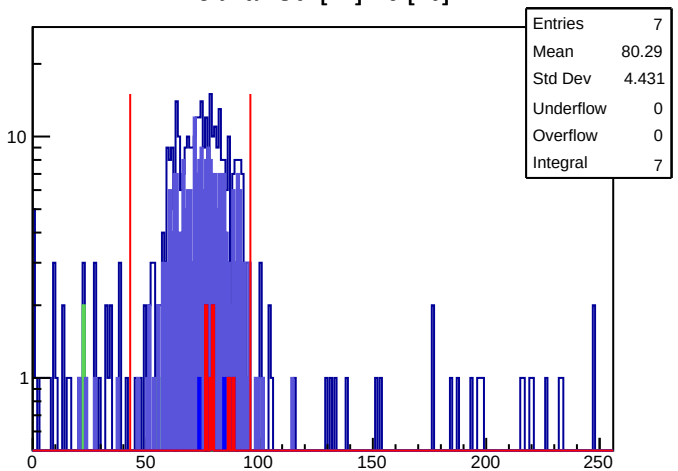

pKurama Sch[23]-Tof[10]
Entries 352
Mean 0.8214
Std Dev 0.08601
Underflow 0
Overflow 0
Integral 352

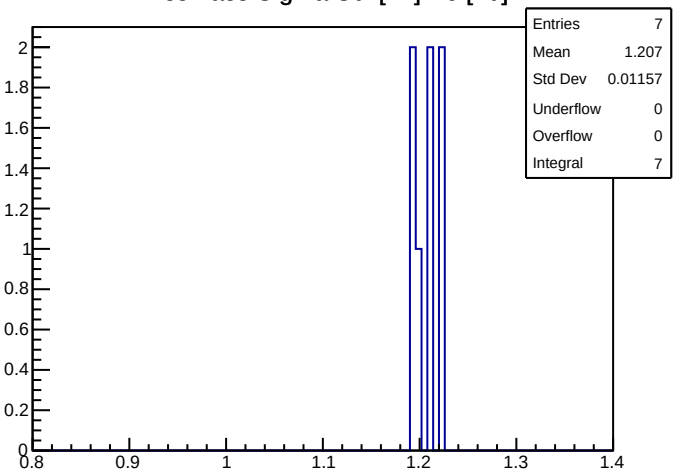

sftx all Sch[23]-Tof[11]
Entries 10
Mean 54.5
Std Dev 10.64
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

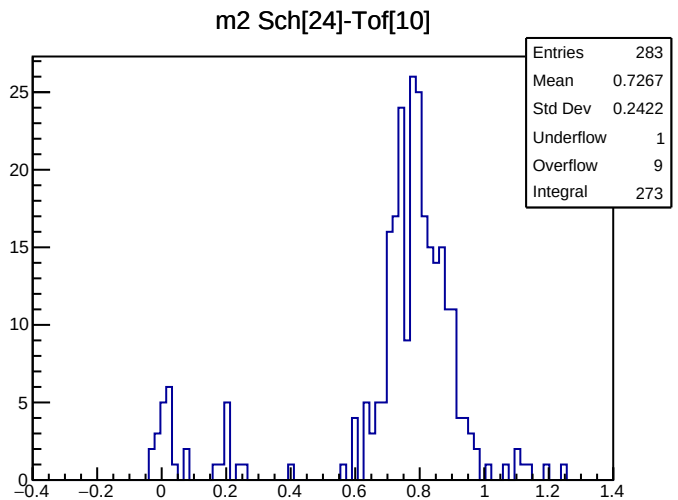

MissMass Sigma Sch[23]-Tof[11]
Entries 10
Mean 1.202
Std Dev 0.01574
Underflow 0
Overflow 0
Integral 10
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

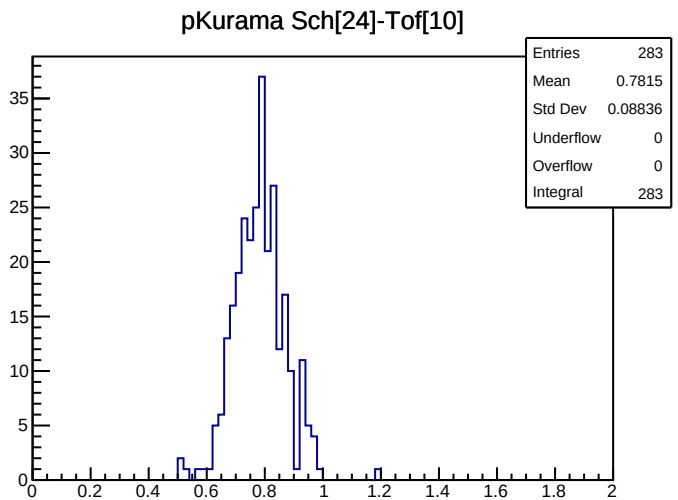

m2 Sch[23]-Tof[11]
Entries 728
Mean 0.7398
Std Dev 0.2122
Underflow 11
Overflow 19
Integral 698
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

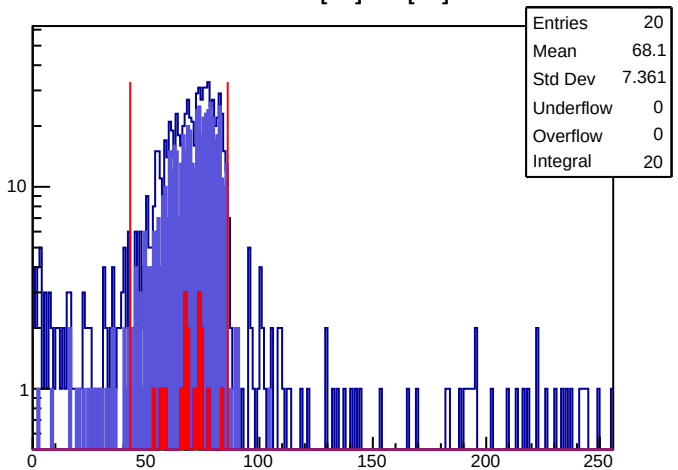

pKurama Sch[23]-Tof[11]
Entries 728
Mean 0.9117
Std Dev 0.1296
Underflow 0
Overflow 0
Integral 728
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

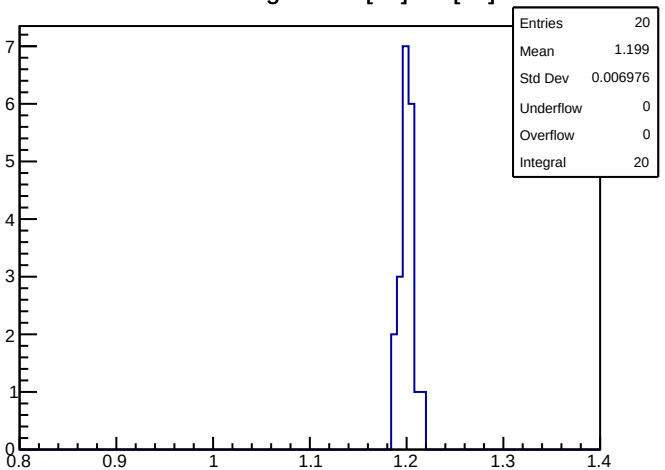

sftx all Sch[24]-Tof[10]
Entries 7
Mean 80.29
Std Dev 4.431
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

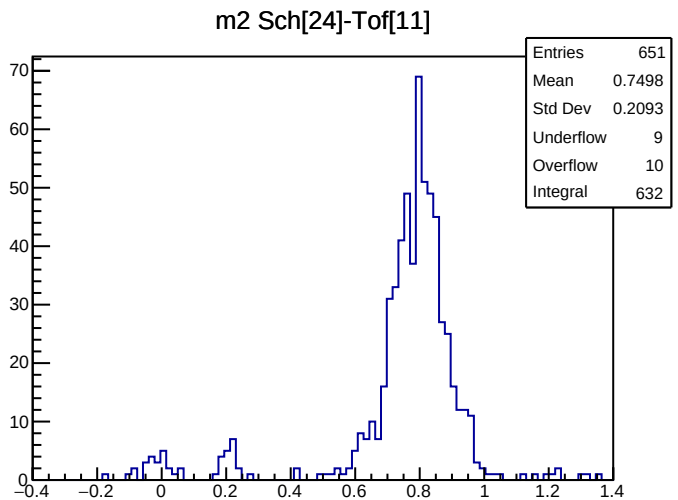

MissMass Sigma Sch[24]-Tof[10]
Entries 7
Mean 1.207
Std Dev 0.01157
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

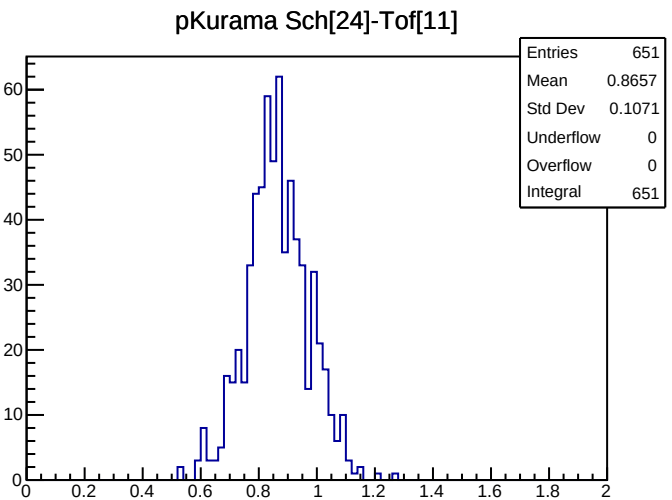

m2 Sch[24]-Tof[10]
Entries 283
Mean 0.7267
Std Dev 0.2422
Underflow 1
Overflow 9
Integral 273
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

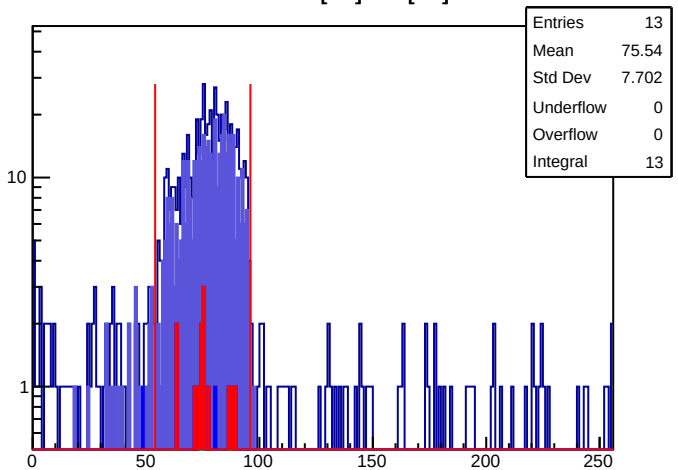

pKurama Sch[24]-Tof[10]
Entries 283
Mean 0.7815
Std Dev 0.08836
Underflow 0
Overflow 0
Integral 283
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

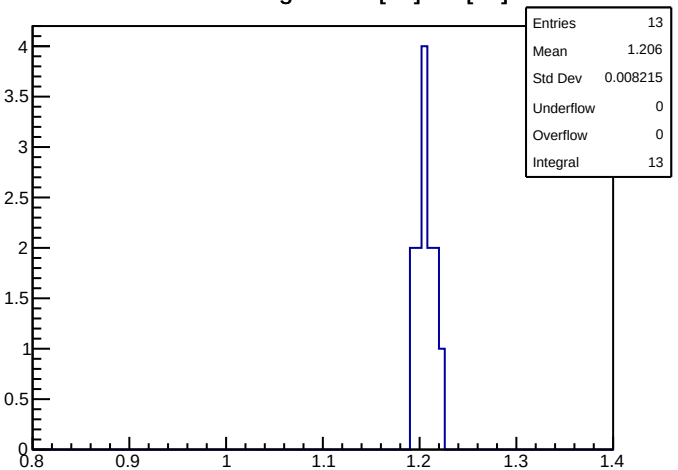

sftx all Sch[24]-Tof[11]
Entries 20
Mean 68.1
Std Dev 7.361
Underflow 0
Overflow 0
Integral 20
10
1
0
50
100
150
200
250

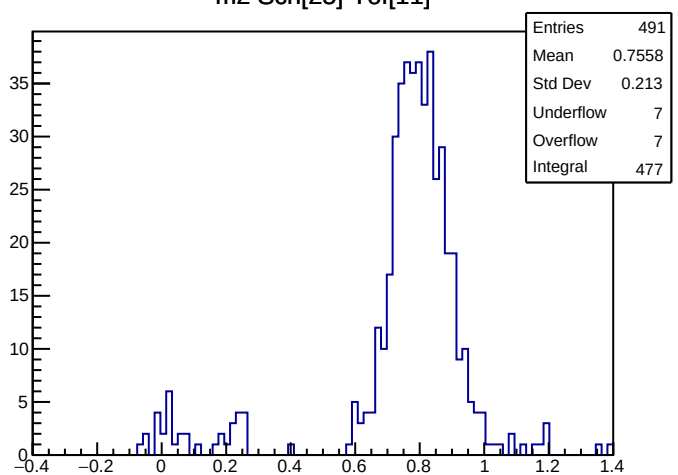

MissMass Sigma Sch[24]-Tof[11]
Entries 20
Mean 1.199
Std Dev 0.006976
Underflow 0
Overflow 0
Integral 20
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

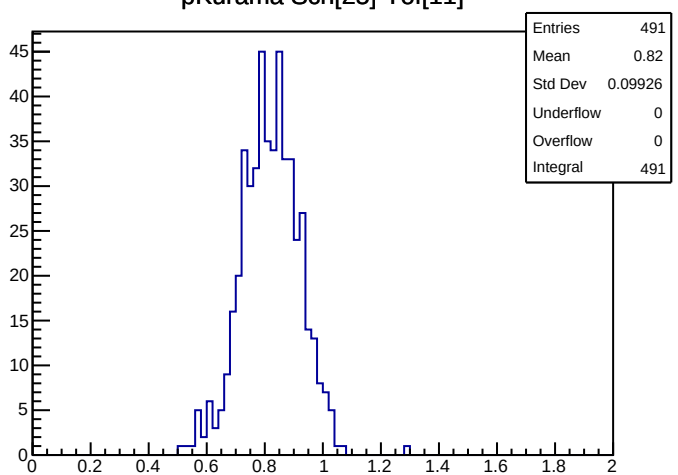

m2 Sch[24]-Tof[11]
Entries 651
Mean 0.7498
Std Dev 0.2093
Underflow 9
Overflow 10
Integral 632
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

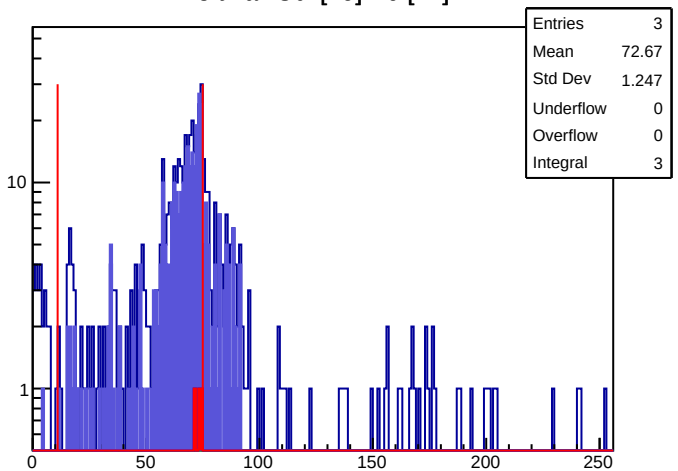

pKurama Sch[24]-Tof[11]
Entries 651
Mean 0.8657
Std Dev 0.1071
Underflow 0
Overflow 0
Integral 651
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

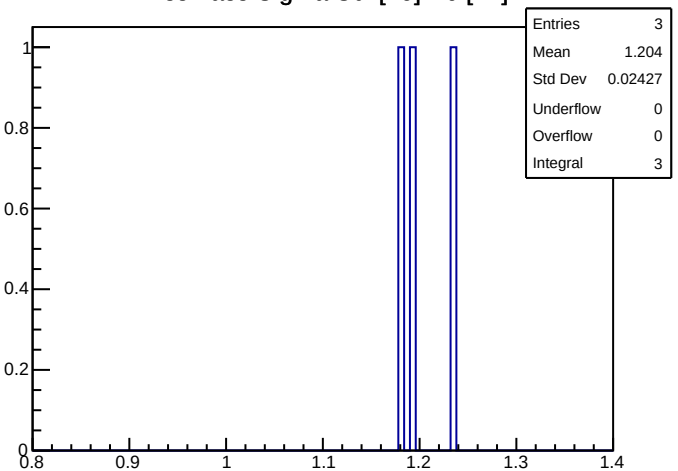

sftx all Sch[25]-Tof[11]
Entries 13
Mean 75.54
Std Dev 7.702
Underflow 0
Overflow 0
Integral 13
10
1
0
50
100
150
200
250

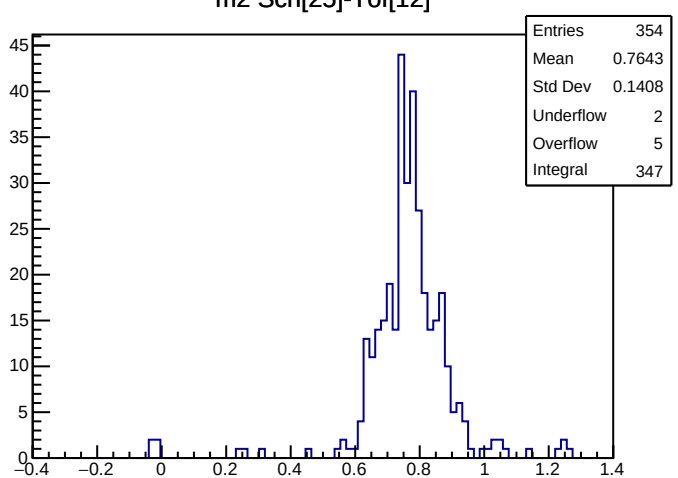

MissMass Sigma Sch[25]-Tof[11]
Entries 13
Mean 1.206
Std Dev 0.008215
Underflow 0
Overflow 0
Integral 13
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

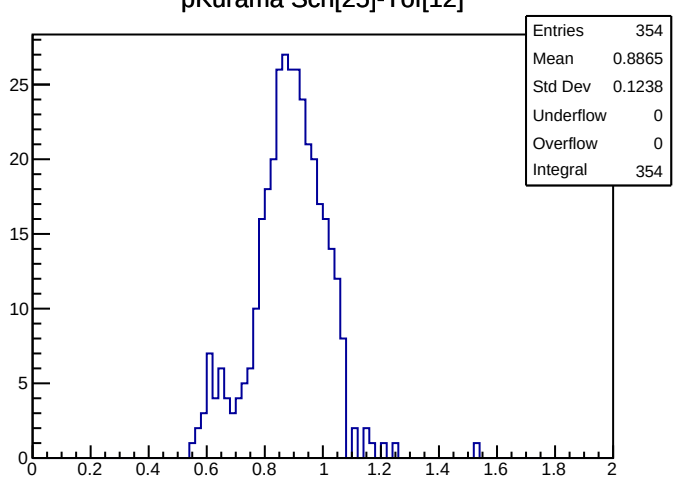

m2 Sch[25]-Tof[11]
Entries 491
Mean 0.7558
Std Dev 0.213
Underflow 7
Overflow 7
Integral 477
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

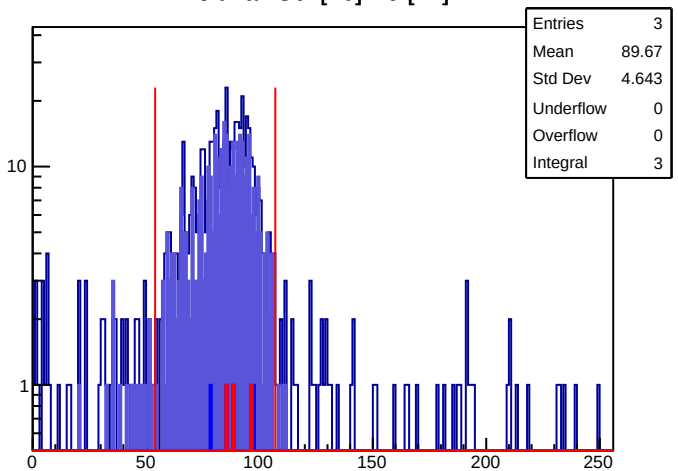

pKurama Sch[25]-Tof[11]
Entries 491
Mean 0.82
Std Dev 0.09926
Underflow 0
Overflow 0
Integral 491
45
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

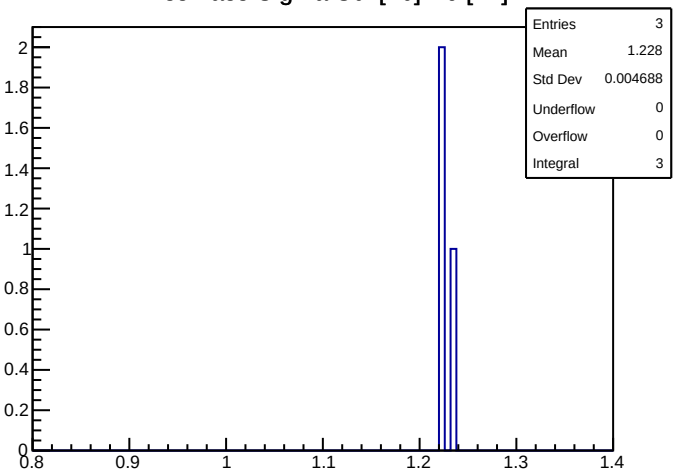

sftx all Sch[25]-Tof[12]
Entries 3
Mean 72.67
Std Dev 1.247
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

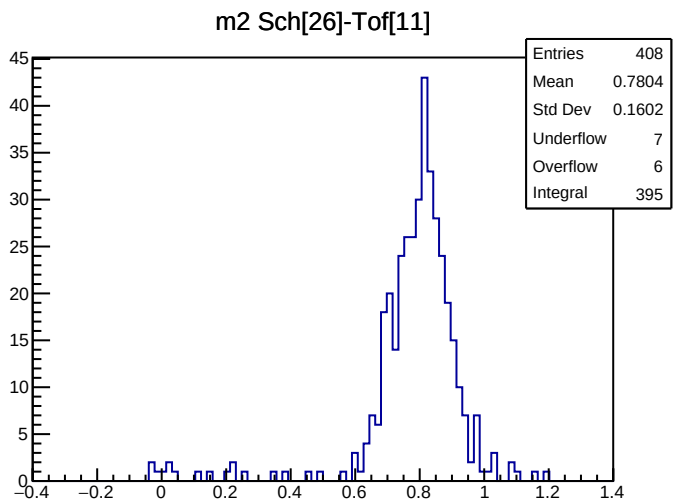

MissMass Sigma Sch[25]-Tof[12]
Entries 3
Mean 1.204
Std Dev 0.02427
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

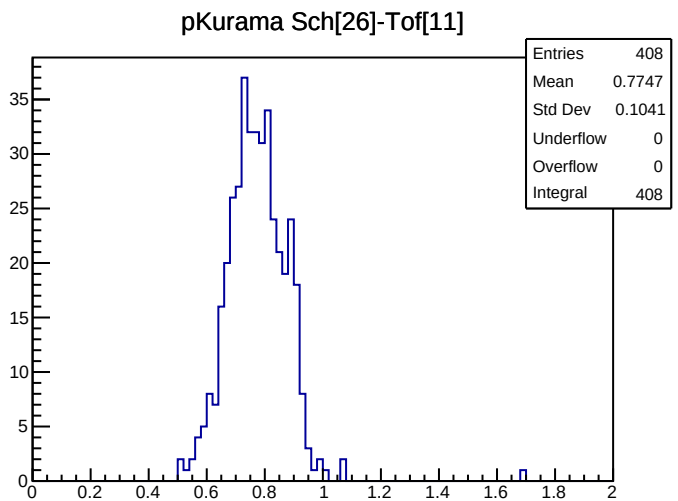

m2 Sch[25]-Tof[12]
Entries 354
Mean 0.7643
Std Dev 0.1408
Underflow 2
Overflow 5
Integral 347
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

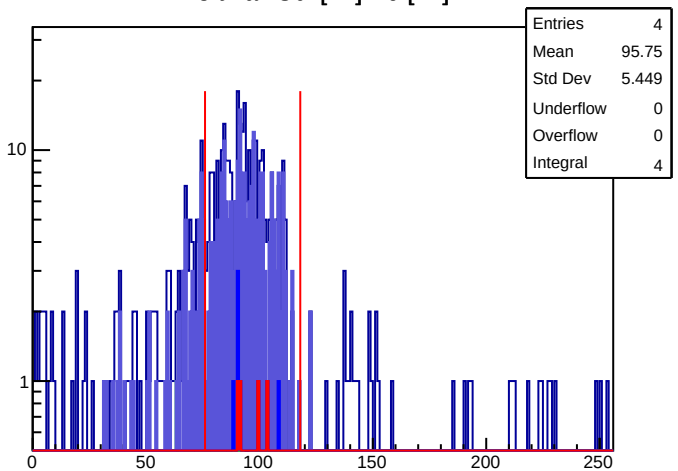

pKurama Sch[25]-Tof[12]
Entries 354
Mean 0.8865
Std Dev 0.1238
Underflow 0
Overflow 0
Integral 354
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

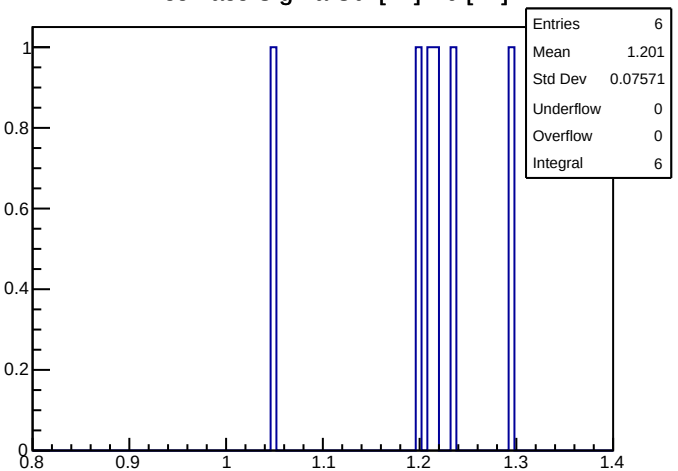

sftx all Sch[26]-Tof[11]
Entries 3
Mean 89.67
Std Dev 4.643
Underflow 0
Overflow 0
Integral 3

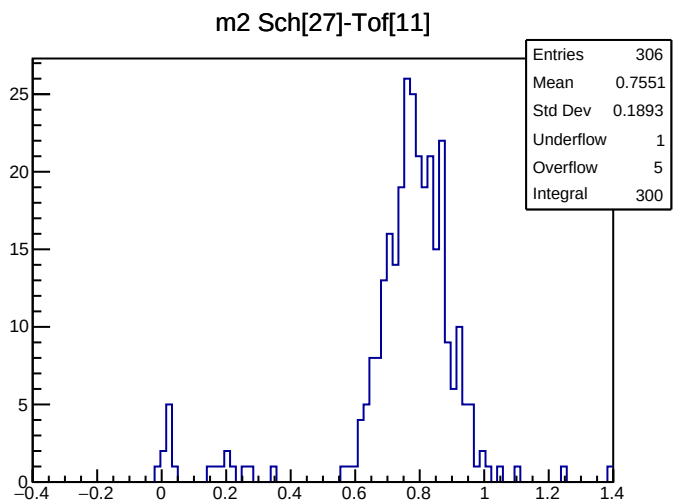

MissMass Sigma Sch[26]-Tof[11]
Entries 3
Mean 1.228
Std Dev 0.004688
Underflow 0
Overflow 0
Integral 3

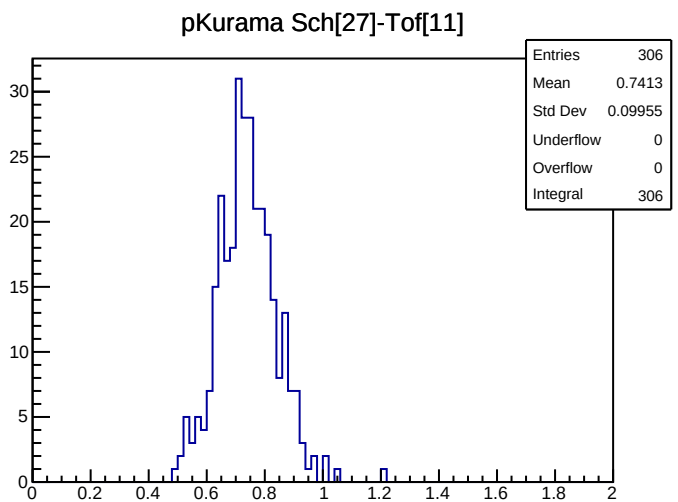

m2 Sch[26]-Tof[11]
Entries 408
Mean 0.7804
Std Dev 0.1602
Underflow 7
Overflow 6
Integral 395

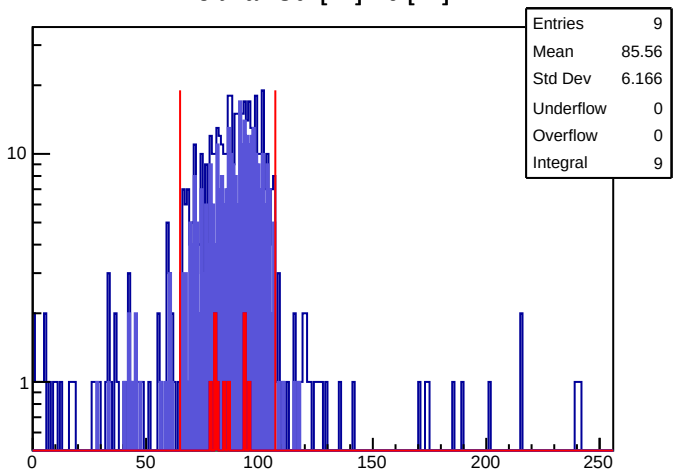

pKurama Sch[26]-Tof[11]
Entries 408
Mean 0.7747
Std Dev 0.1041
Underflow 0
Overflow 0
Integral 408

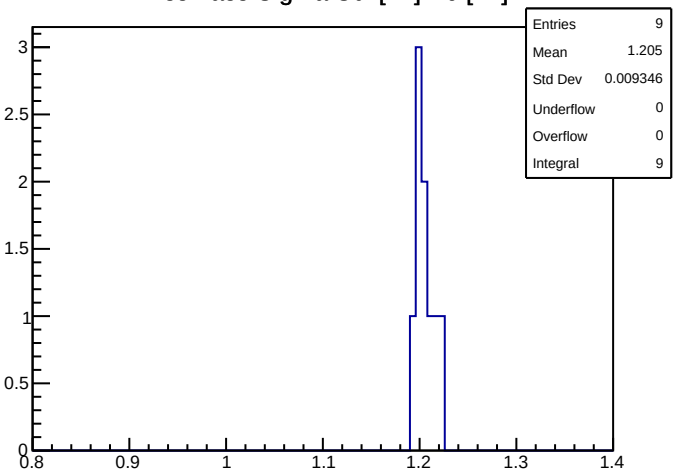

sftx all Sch[27]-Tof[11]
Entries 4
Mean 95.75
Std Dev 5.449
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

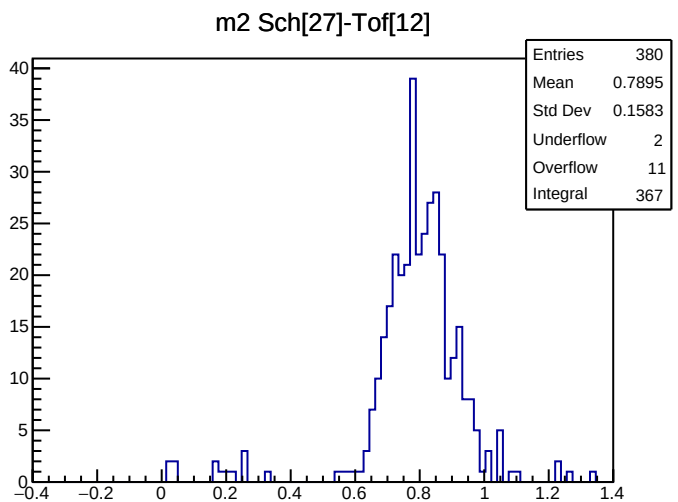

MissMass Sigma Sch[27]-Tof[11]
Entries 6
Mean 1.201
Std Dev 0.07571
Underflow 0
Overflow 0
Integral 6
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

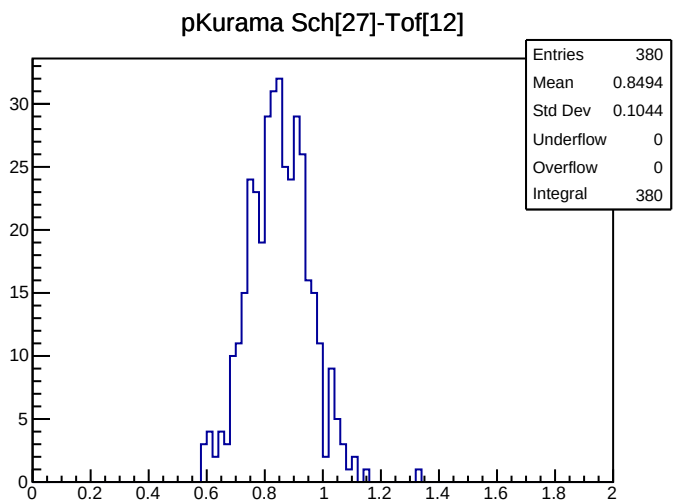

m2 Sch[27]-Tof[11]
Entries 306
Mean 0.7551
Std Dev 0.1893
Underflow 1
Overflow 5
Integral 300
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

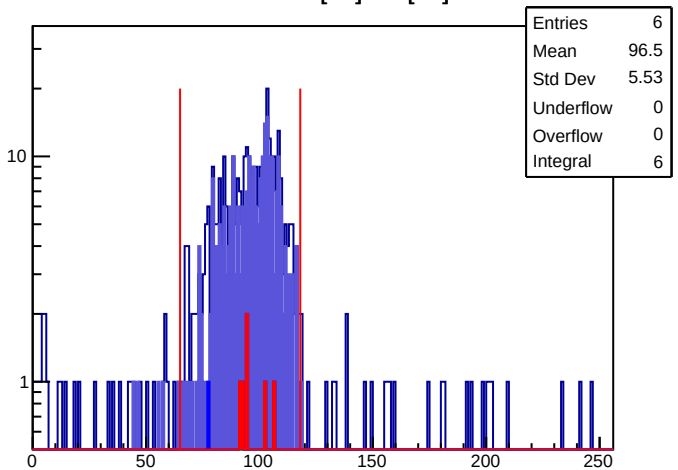

pKurama Sch[27]-Tof[11]
Entries 306
Mean 0.7413
Std Dev 0.09955
Underflow 0
Overflow 0
Integral 306
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

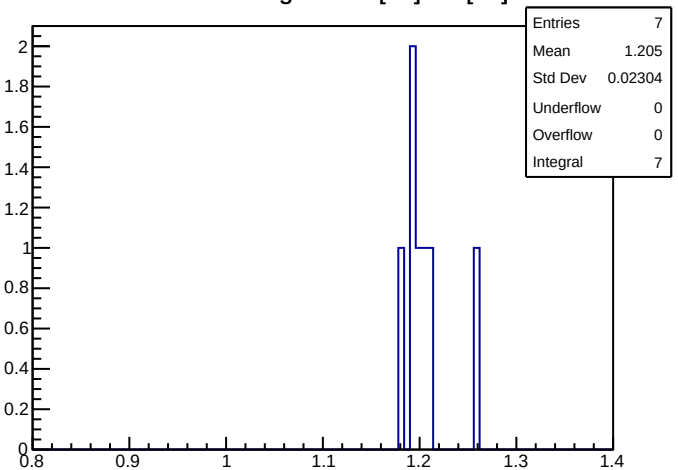

sftx all Sch[27]-Tof[12]
Entries 9
Mean 85.56
Std Dev 6.166
Underflow 0
Overflow 0
Integral 9

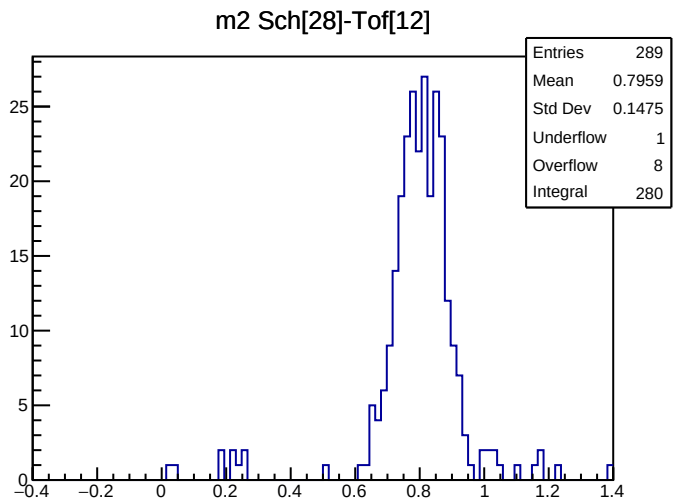

MissMass Sigma Sch[27]-Tof[12]
Entries 9
Mean 1.205
Std Dev 0.009346
Underflow 0
Overflow 0
Integral 9

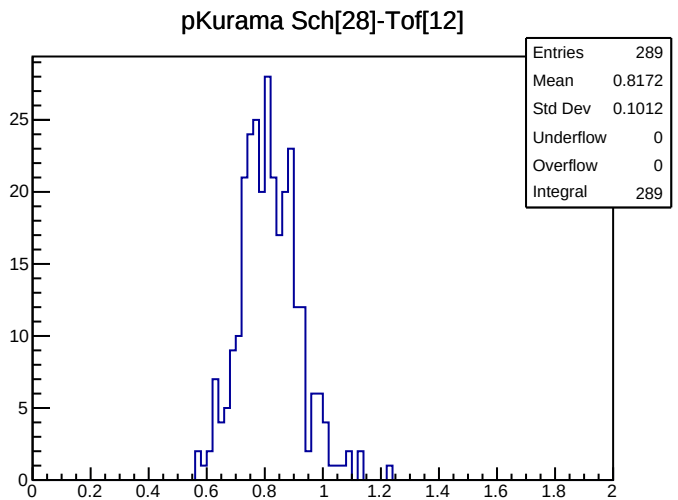

m2 Sch[27]-Tof[12]
Entries 380
Mean 0.7895
Std Dev 0.1583
Underflow 2
Overflow 11
Integral 367

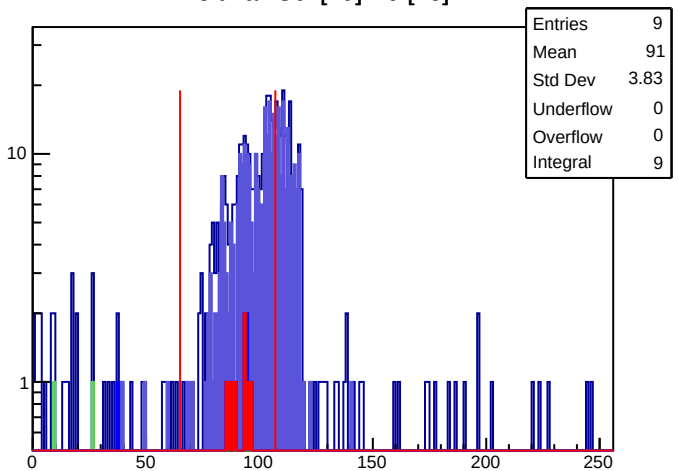

pKurama Sch[27]-Tof[12]
Entries 380
Mean 0.8494
Std Dev 0.1044
Underflow 0
Overflow 0
Integral 380

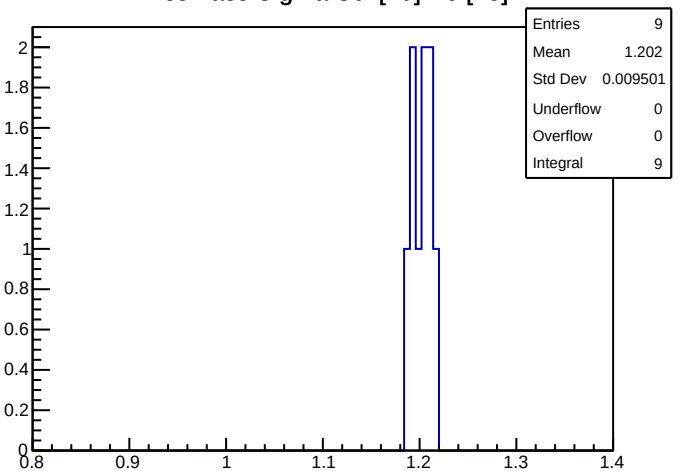

sftx all Sch[28]-Tof[12]
Entries 6
Mean 96.5
Std Dev 5.53
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

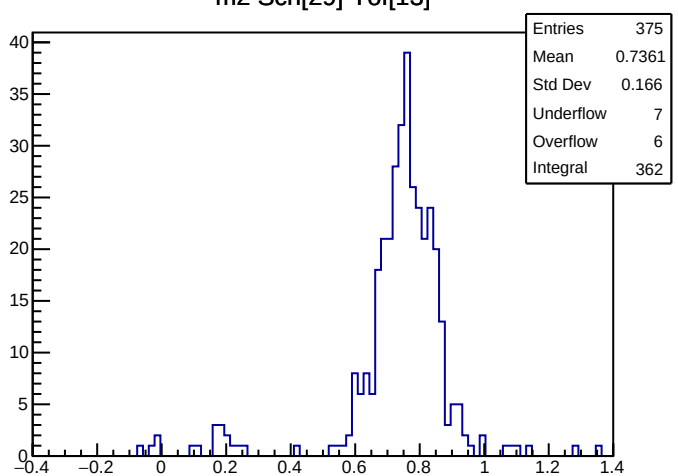

MissMass Sigma Sch[28]-Tof[12]
Entries 7
Mean 1.205
Std Dev 0.02304
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

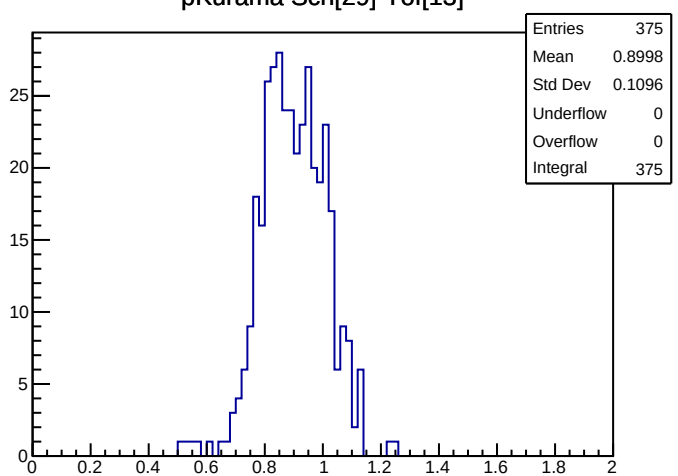

m2 Sch[28]-Tof[12]
Entries 289
Mean 0.7959
Std Dev 0.1475
Underflow 1
Overflow 8
Integral 280
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

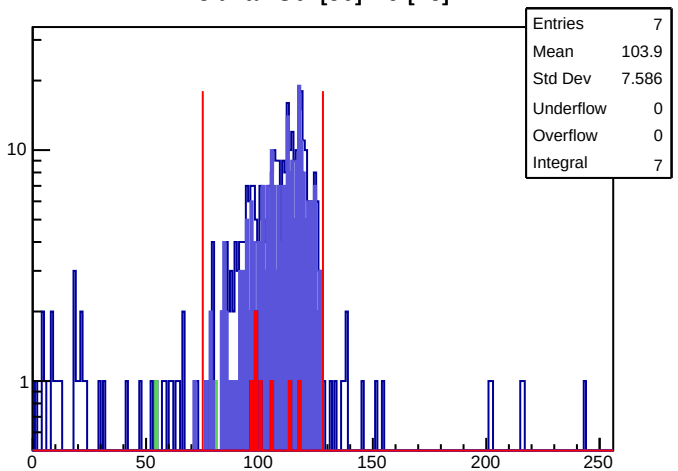

pKurama Sch[28]-Tof[12]
Entries 289
Mean 0.8172
Std Dev 0.1012
Underflow 0
Overflow 0
Integral 289
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

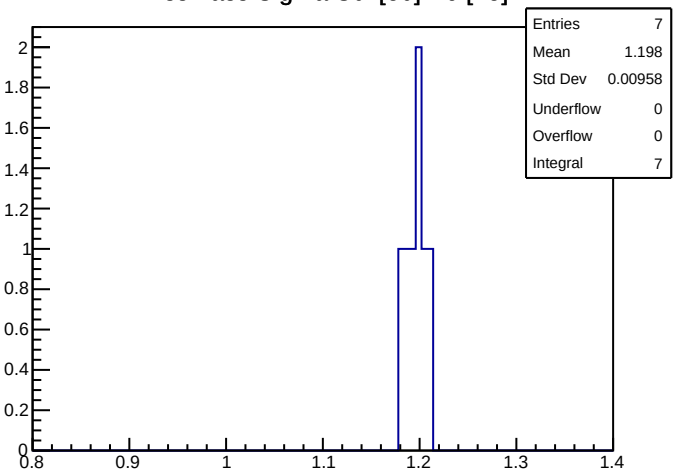

sftx all Sch[29]-Tof[13]
Entries 9
Mean 91
Std Dev 3.83
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

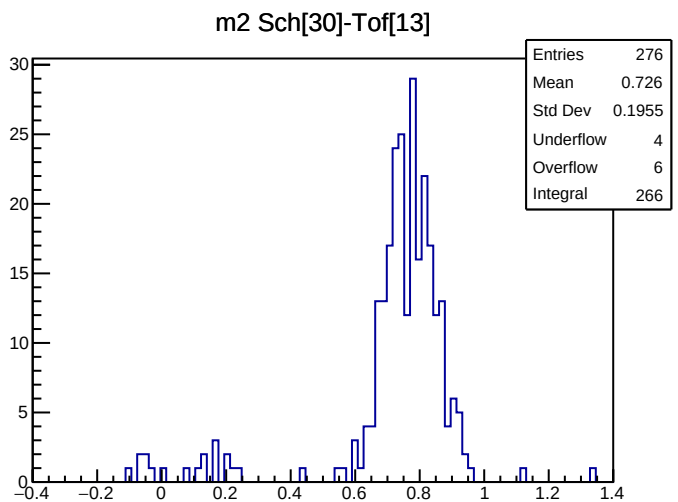

MissMass Sigma Sch[29]-Tof[13]
Entries 9
Mean 1.202
Std Dev 0.009501
Underflow 0
Overflow 0
Integral 9
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

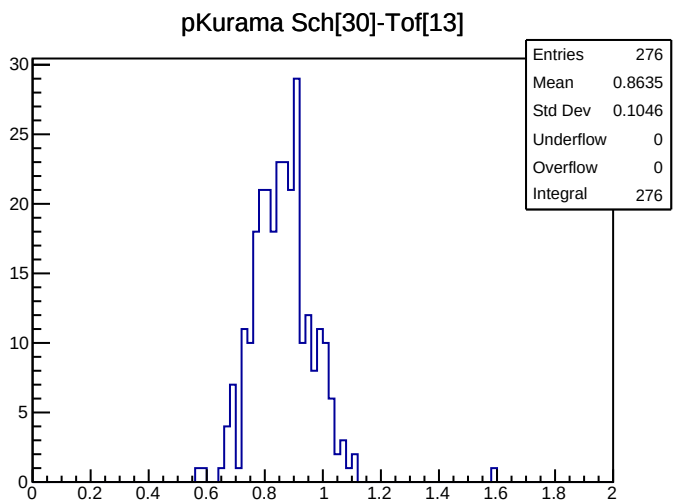

m2 Sch[29]-Tof[13]
Entries 375
Mean 0.7361
Std Dev 0.166
Underflow 7
Overflow 6
Integral 362
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

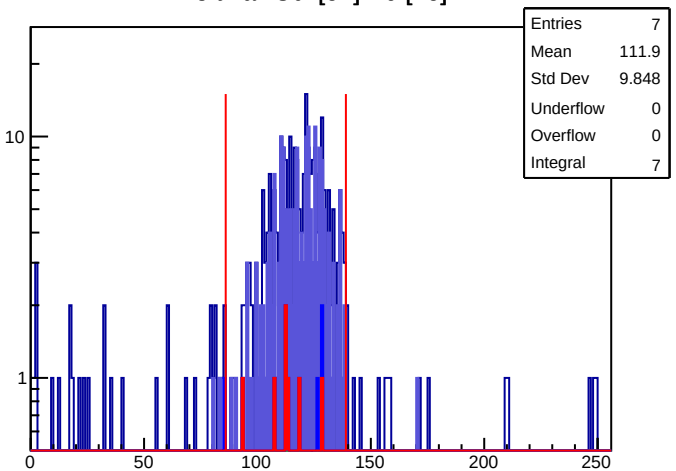

pKurama Sch[29]-Tof[13]
Entries 375
Mean 0.8998
Std Dev 0.1096
Underflow 0
Overflow 0
Integral 375
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

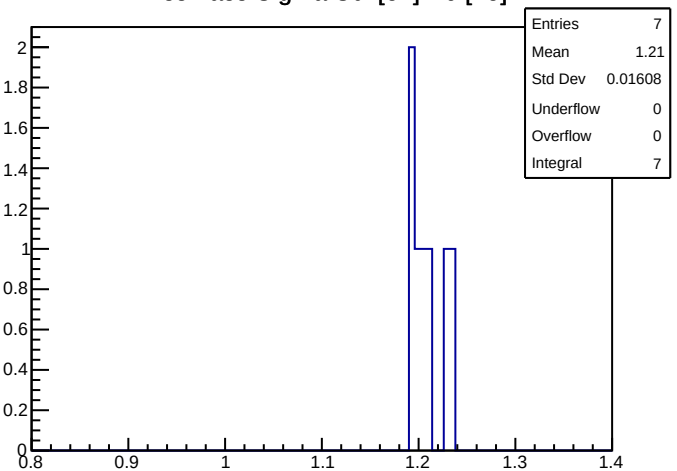

sftx all Sch[30]-Tof[13]
Entries 7
Mean 103.9
Std Dev 7.586
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

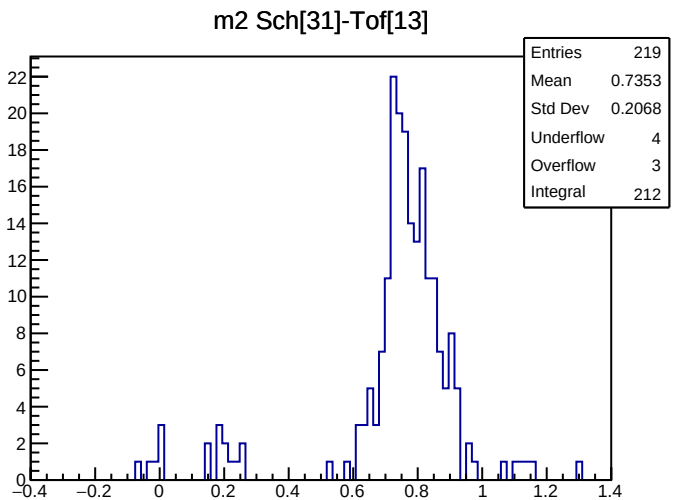

MissMass Sigma Sch[30]-Tof[13]
Entries 7
Mean 1.198
Std Dev 0.00958
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

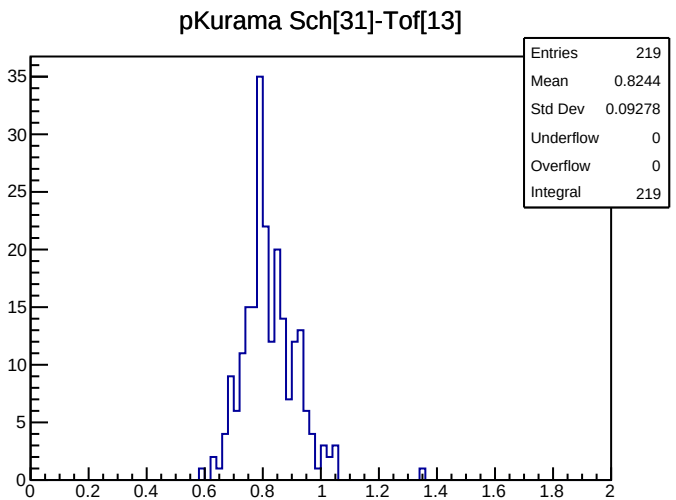

m2 Sch[30]-Tof[13]
Entries 276
Mean 0.726
Std Dev 0.1955
Underflow 4
Overflow 6
Integral 266
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

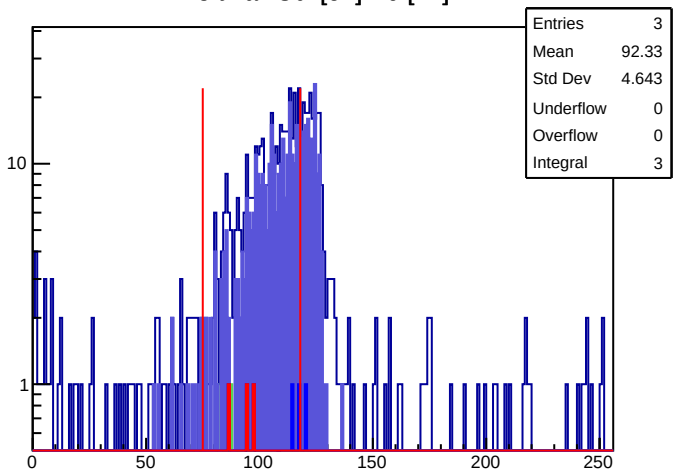

pKurama Sch[30]-Tof[13]
Entries 276
Mean 0.8635
Std Dev 0.1046
Underflow 0
Overflow 0
Integral 276
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

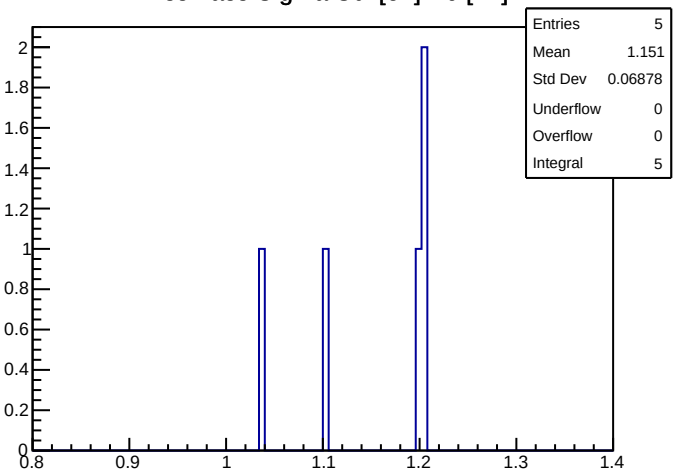

sftx all Sch[31]-Tof[13]
Entries 7
Mean 111.9
Std Dev 9.848
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

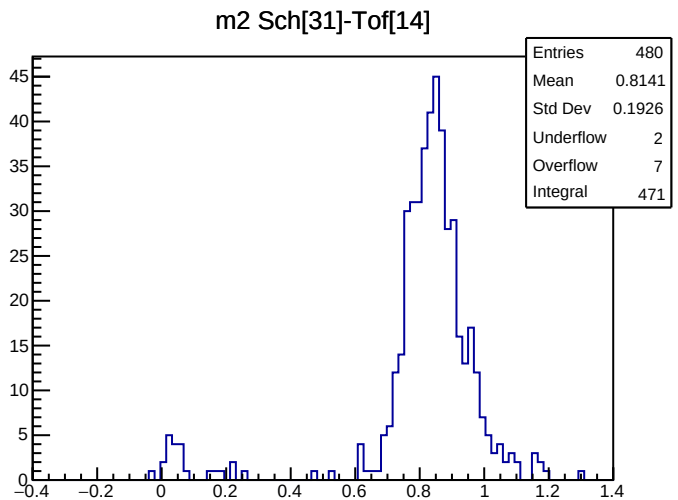

MissMass Sigma Sch[31]-Tof[13]
Entries 7
Mean 1.21
Std Dev 0.01608
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

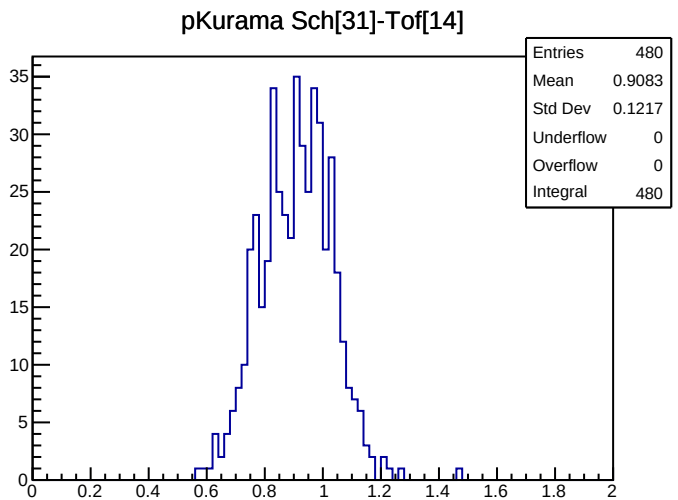

m2 Sch[31]-Tof[13]
Entries 219
Mean 0.7353
Std Dev 0.2068
Underflow 4
Overflow 3
Integral 212
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

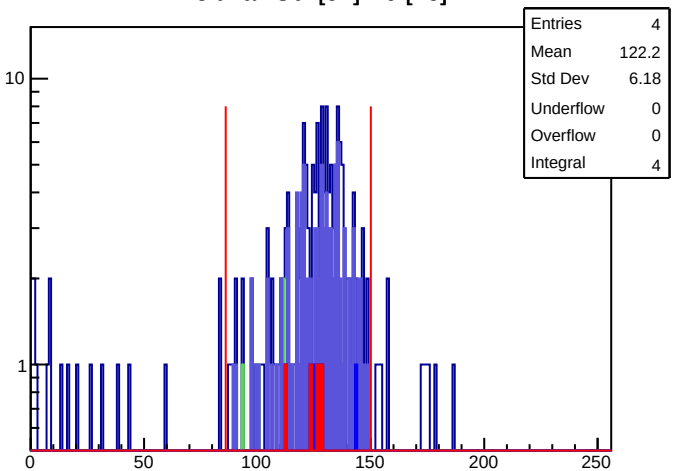

pKurama Sch[31]-Tof[13]
Entries 219
Mean 0.8244
Std Dev 0.09278
Underflow 0
Overflow 0
Integral 219
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

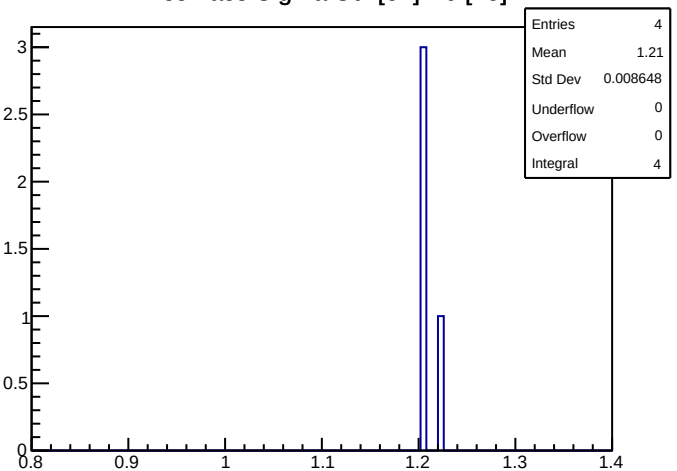

sftx all Sch[31]-Tof[14]
Entries 3
Mean 92.33
Std Dev 4.643
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

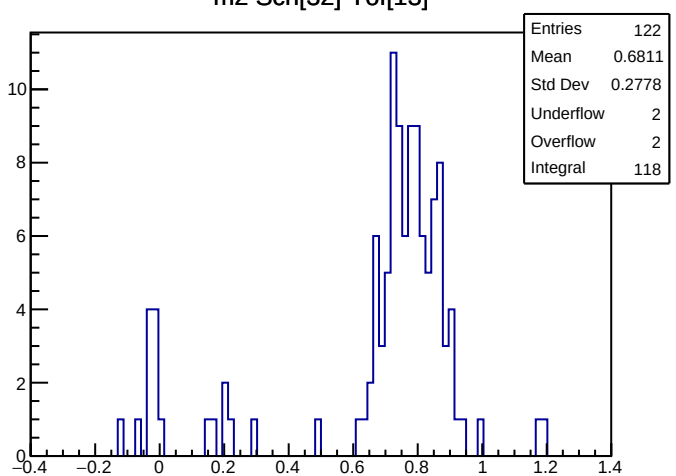

MissMass Sigma Sch[31]-Tof[14]
Entries 5
Mean 1.151
Std Dev 0.06878
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

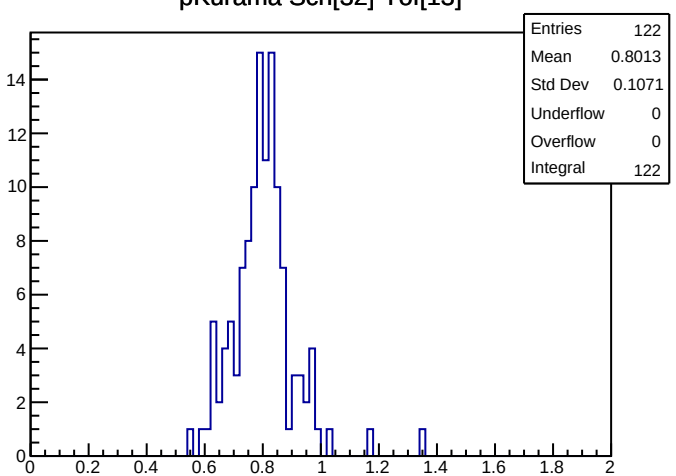

m2 Sch[31]-Tof[14]
Entries 480
Mean 0.8141
Std Dev 0.1926
Underflow 2
Overflow 7
Integral 471
45
40
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

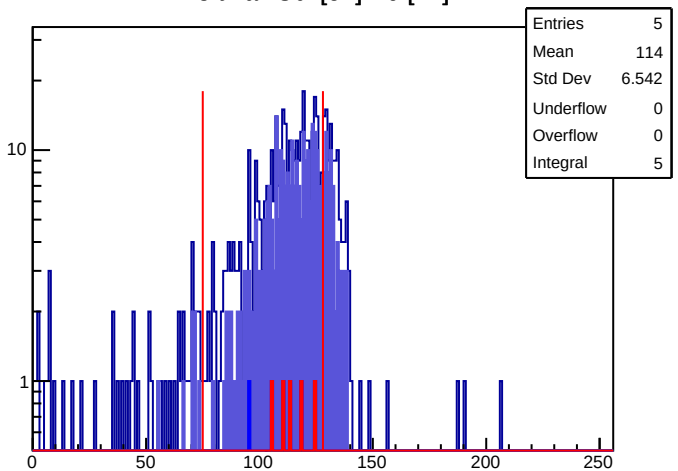

pKurama Sch[31]-Tof[14]
Entries 480
Mean 0.9083
Std Dev 0.1217
Underflow 0
Overflow 0
Integral 480
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

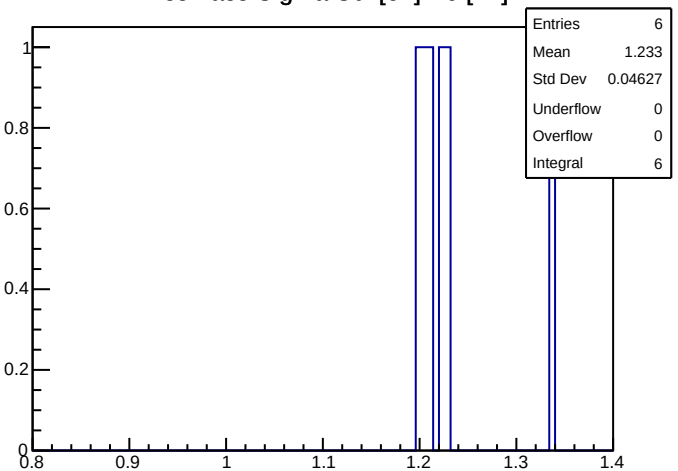

sftx all Sch[32]-Tof[13]
Entries 4
Mean 122.2
Std Dev 6.18
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

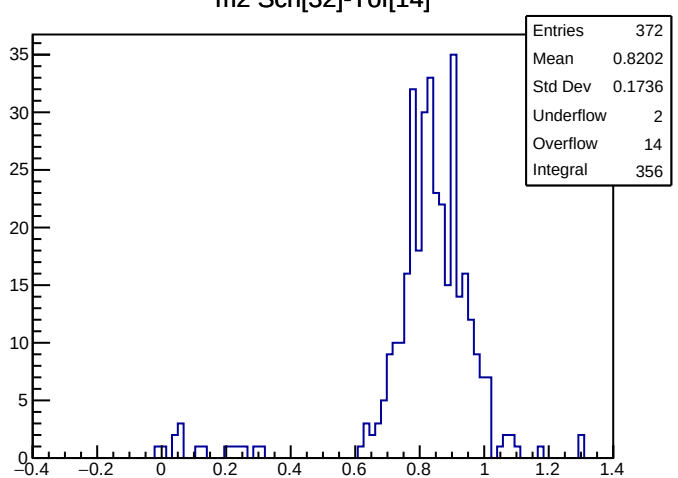

MissMass Sigma Sch[32]-Tof[13]
Entries 4
Mean 1.21
Std Dev 0.008648
Underflow 0
Overflow 0
Integral 4
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

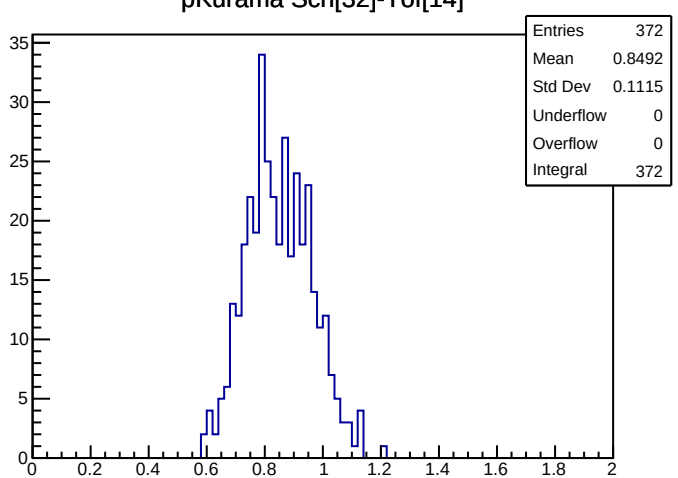

m2 Sch[32]-Tof[13]
Entries 122
Mean 0.6811
Std Dev 0.2778
Underflow 2
Overflow 2
Integral 118
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

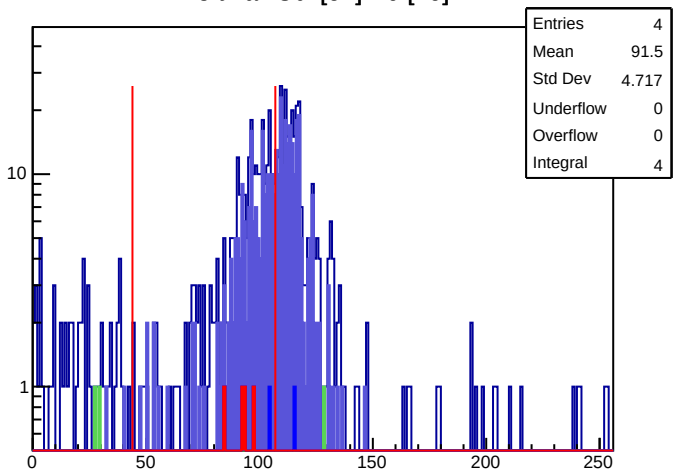

pKurama Sch[32]-Tof[13]
Entries 122
Mean 0.8013
Std Dev 0.1071
Underflow 0
Overflow 0
Integral 122
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

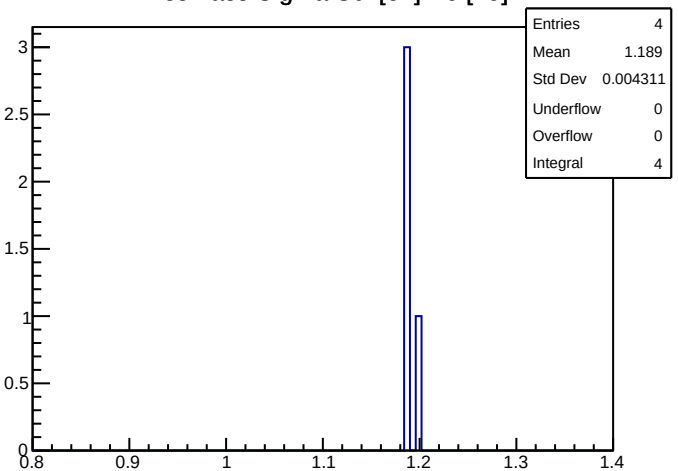

sftx all Sch[32]-Tof[14]
Entries 5
Mean 114
Std Dev 6.542
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

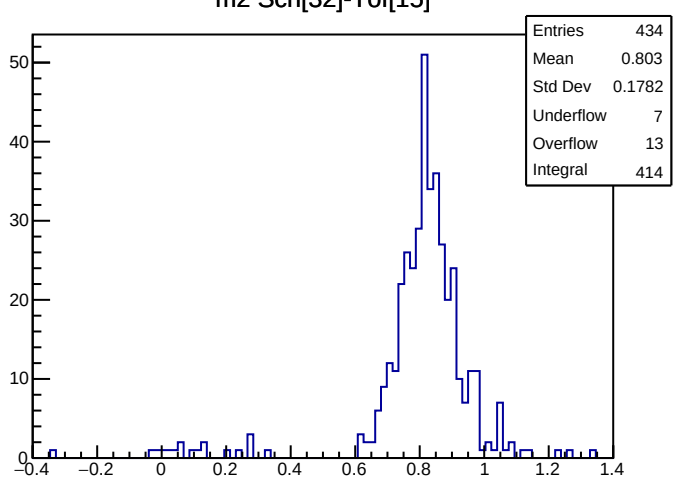

MissMass Sigma Sch[32]-Tof[14]
Entries 6
Mean 1.233
Std Dev 0.04627
Underflow 0
Overflow 0
Integral 6
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

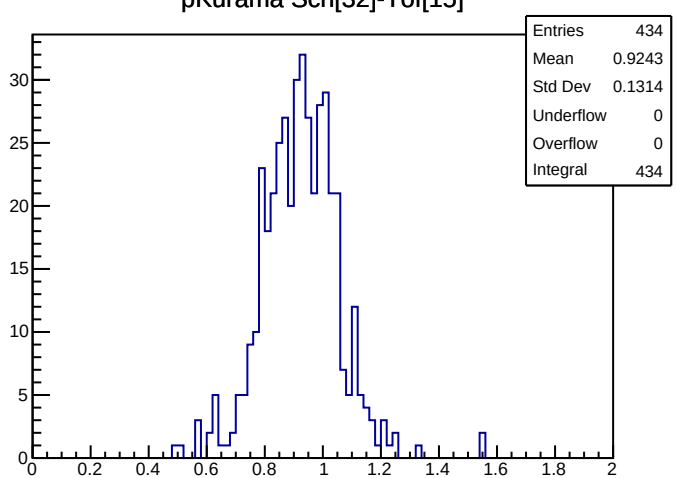

m2 Sch[32]-Tof[14]
Entries 372
Mean 0.8202
Std Dev 0.1736
Underflow 2
Overflow 14
Integral 356
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

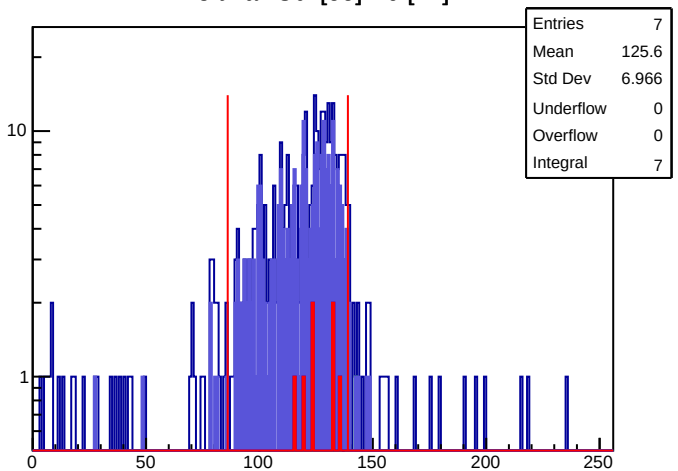

pKurama Sch[32]-Tof[14]
Entries 372
Mean 0.8492
Std Dev 0.1115
Underflow 0
Overflow 0
Integral 372
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

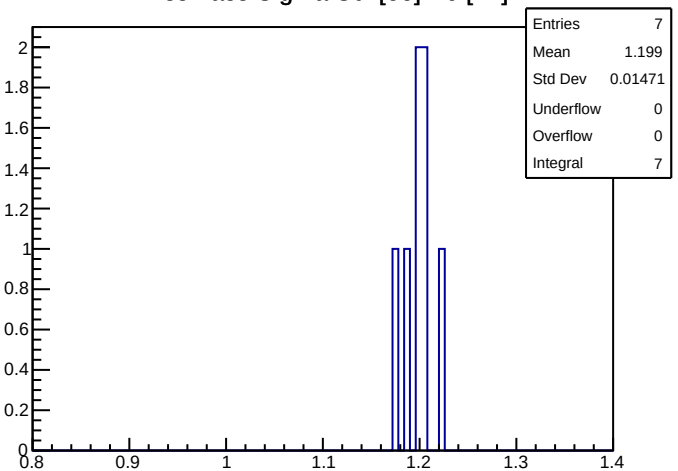

sftx all Sch[32]-Tof[15]
Entries 4
Mean 91.5
Std Dev 4.717
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

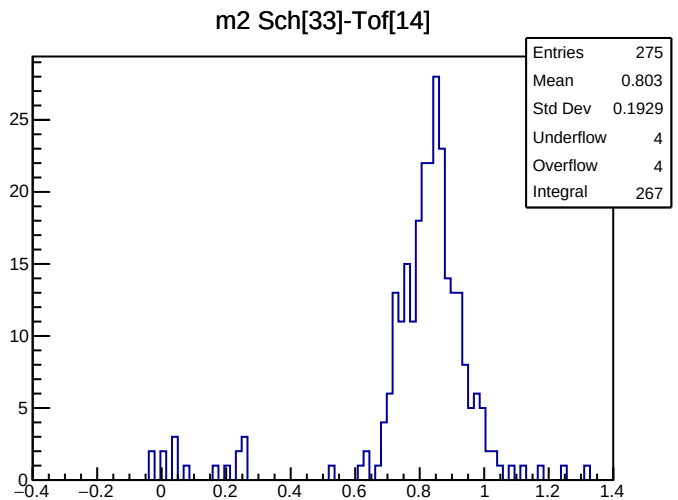

MissMass Sigma Sch[32]-Tof[15]
Entries 4
Mean 1.189
Std Dev 0.004311
Underflow 0
Overflow 0
Integral 4
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

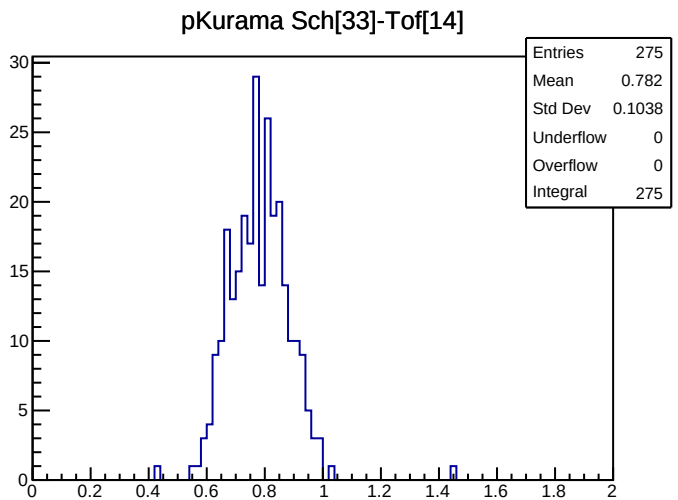

m2 Sch[32]-Tof[15]
Entries 434
Mean 0.803
Std Dev 0.1782
Underflow 7
Overflow 13
Integral 414
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

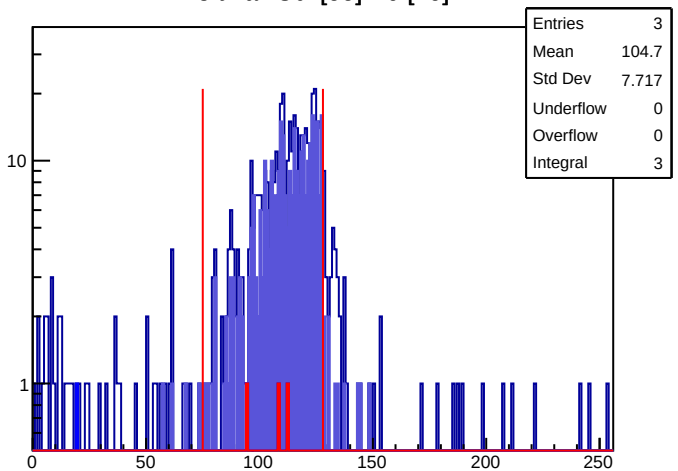

pKurama Sch[32]-Tof[15]
Entries 434
Mean 0.9243
Std Dev 0.1314
Underflow 0
Overflow 0
Integral 434
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

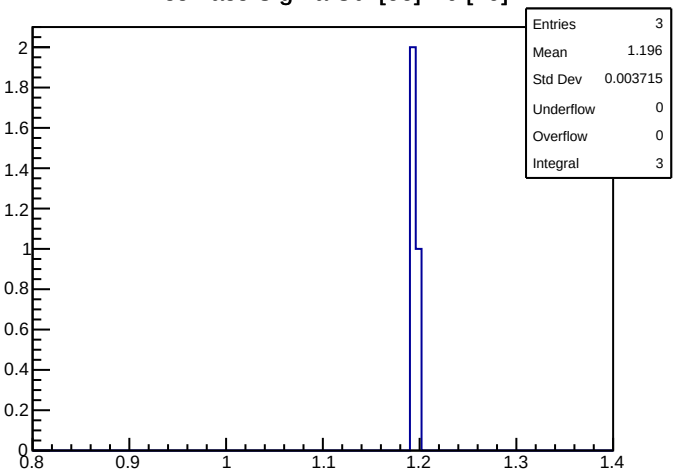

sftx all Sch[33]-Tof[14]
Entries 7
Mean 125.6
Std Dev 6.966
Underflow 0
Overflow 0
Integral 7

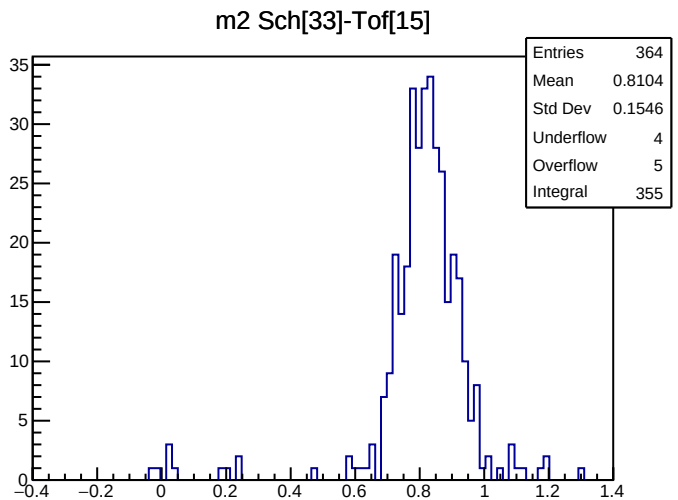

MissMass Sigma Sch[33]-Tof[14]
Entries 7
Mean 1.199
Std Dev 0.01471
Underflow 0
Overflow 0
Integral 7

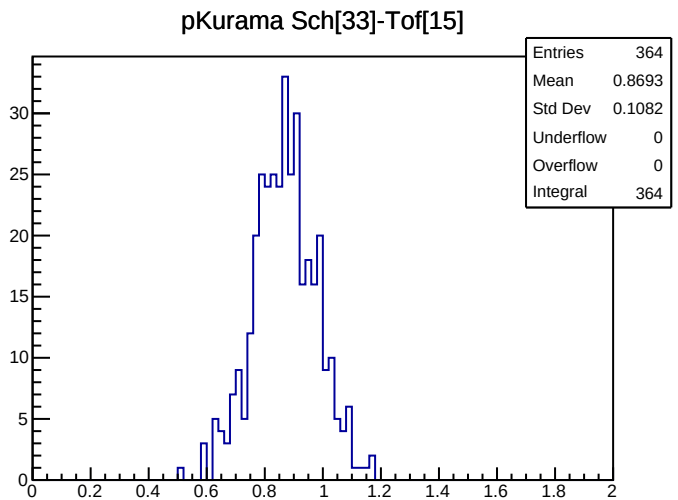

m2 Sch[33]-Tof[14]
Entries 275
Mean 0.803
Std Dev 0.1929
Underflow 4
Overflow 4
Integral 267

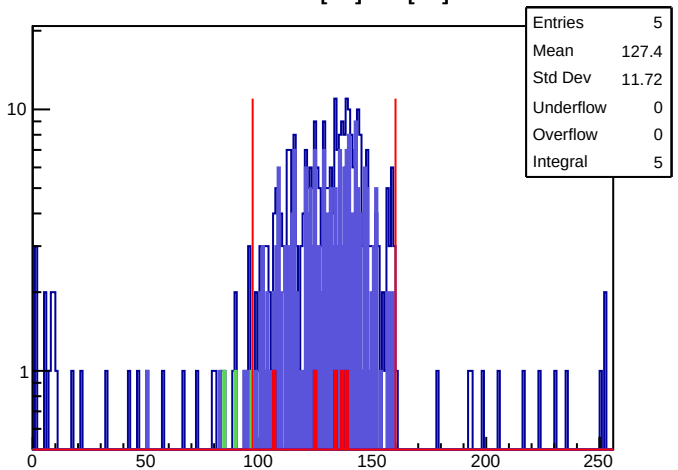

pKurama Sch[33]-Tof[14]
Entries 275
Mean 0.782
Std Dev 0.1038
Underflow 0
Overflow 0
Integral 275

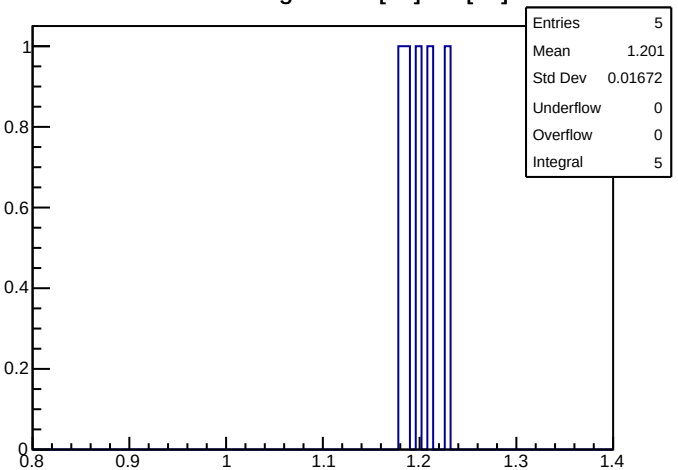

sftx all Sch[33]-Tof[15]
Entries 3
Mean 104.7
Std Dev 7.717
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

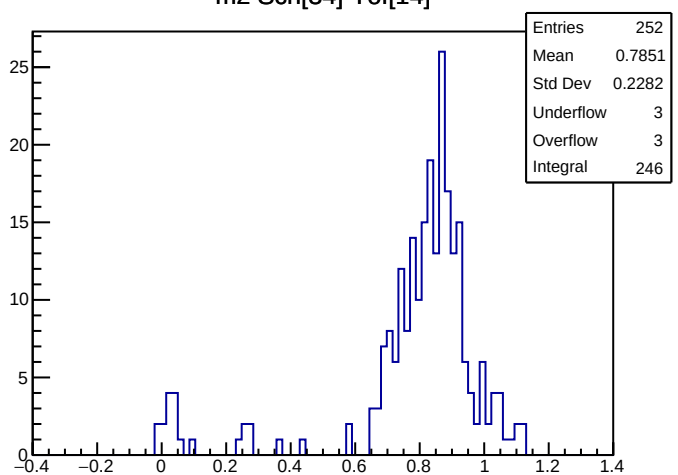

MissMass Sigma Sch[33]-Tof[15]
Entries 3
Mean 1.196
Std Dev 0.003715
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

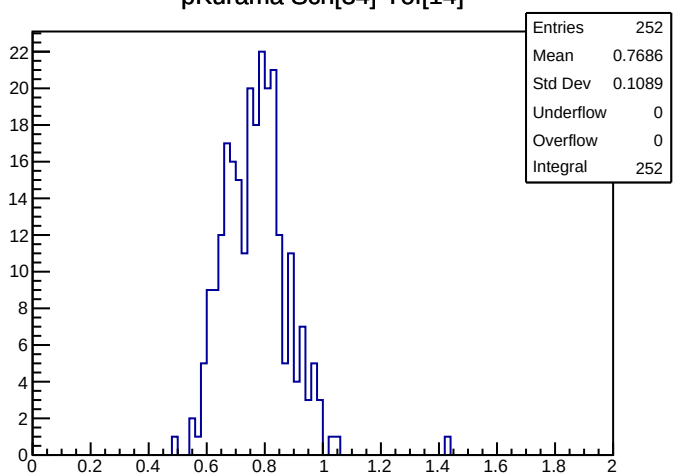

m2 Sch[33]-Tof[15]
Entries 364
Mean 0.8104
Std Dev 0.1546
Underflow 4
Overflow 5
Integral 355
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

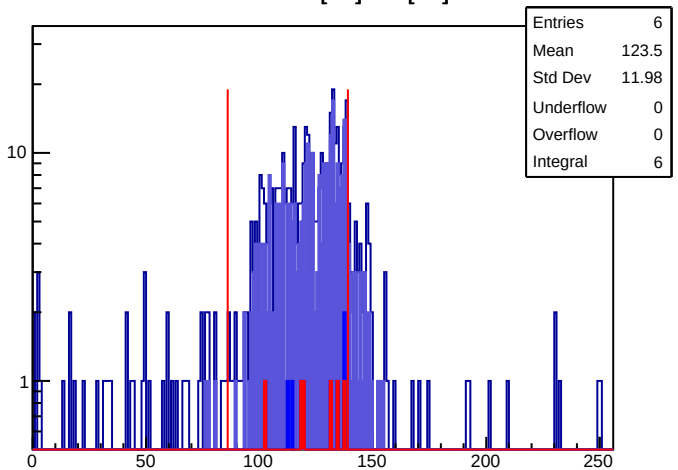

pKurama Sch[33]-Tof[15]
Entries 364
Mean 0.8693
Std Dev 0.1082
Underflow 0
Overflow 0
Integral 364
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

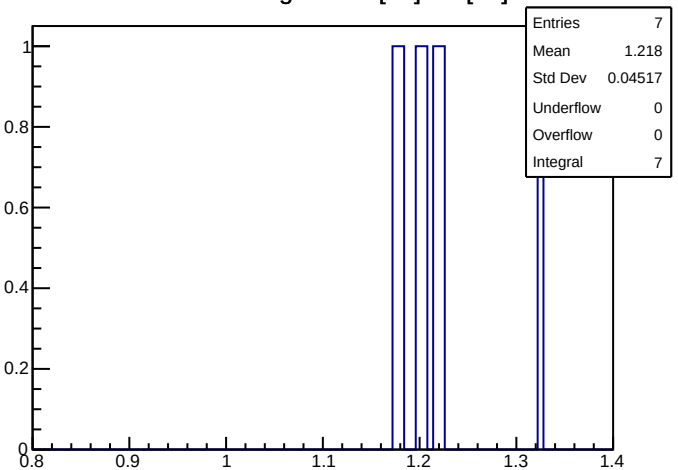

sftx all Sch[34]-Tof[14]
Entries 5
Mean 127.4
Std Dev 11.72
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

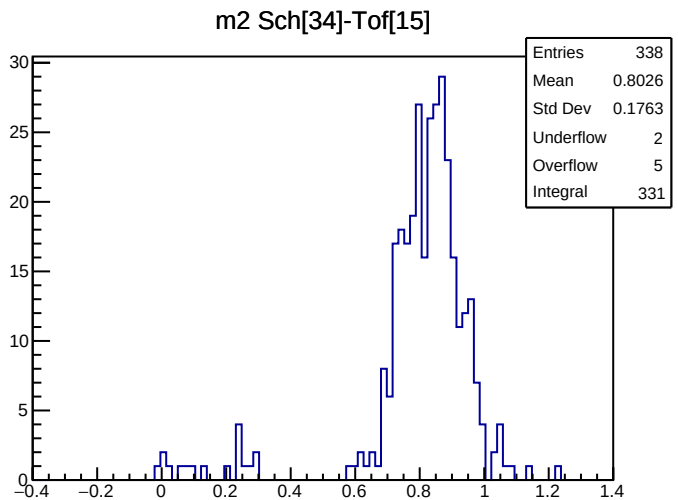

MissMass Sigma Sch[34]-Tof[14]
Entries 5
Mean 1.201
Std Dev 0.01672
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

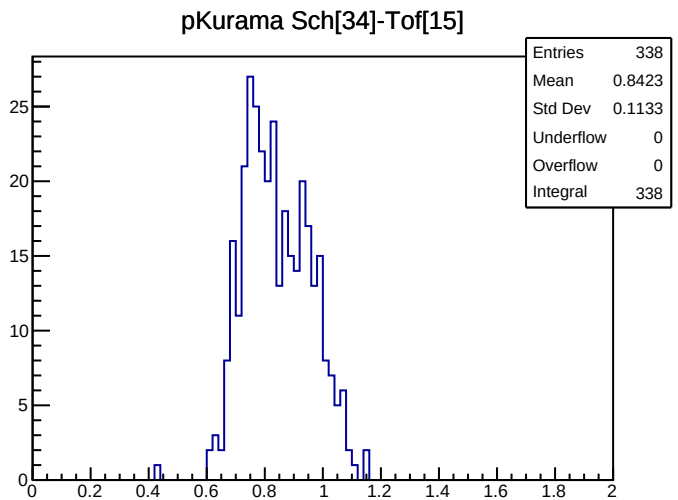

m2 Sch[34]-Tof[14]
Entries 252
Mean 0.7851
Std Dev 0.2282
Underflow 3
Overflow 3
Integral 246
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

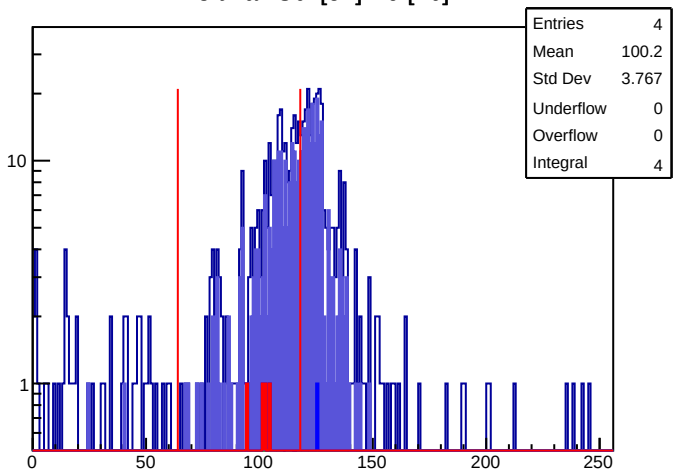

pKurama Sch[34]-Tof[14]
Entries 252
Mean 0.7686
Std Dev 0.1089
Underflow 0
Overflow 0
Integral 252
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

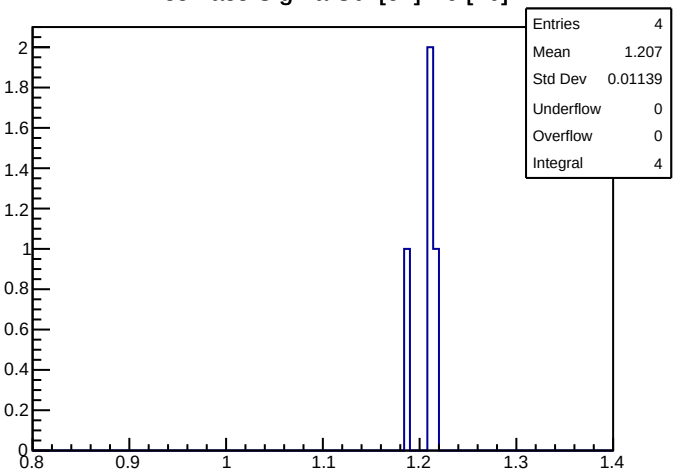

sftx all Sch[34]-Tof[15]
Entries 6
Mean 123.5
Std Dev 11.98
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

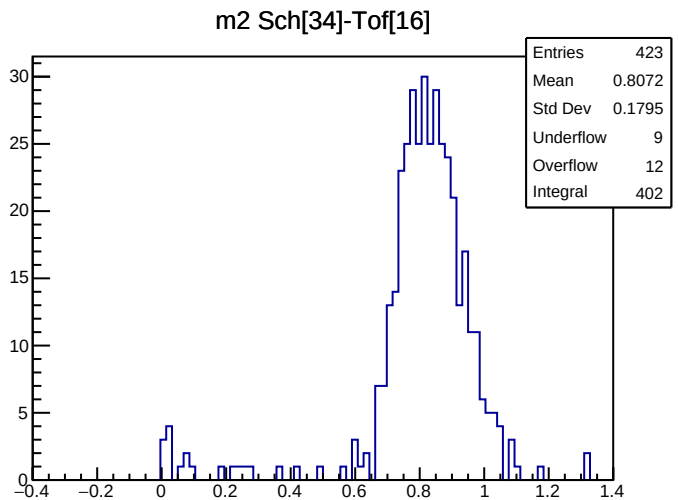

MissMass Sigma Sch[34]-Tof[15]
Entries 7
Mean 1.218
Std Dev 0.04517
Underflow 0
Overflow 0
Integral 7
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

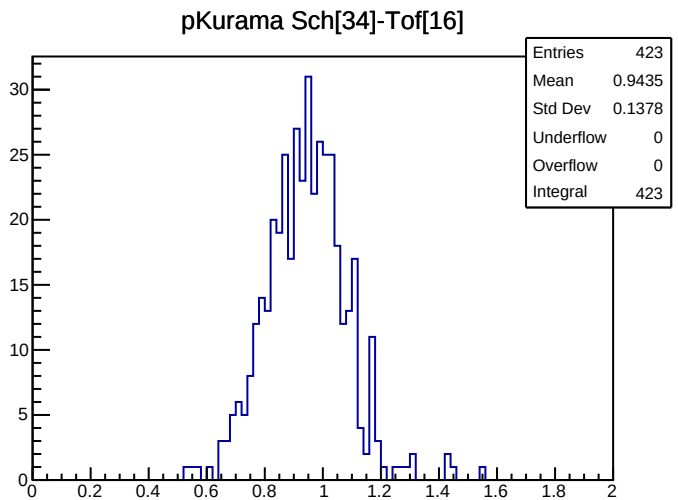

m2 Sch[34]-Tof[15]
Entries 338
Mean 0.8026
Std Dev 0.1763
Underflow 2
Overflow 5
Integral 331
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

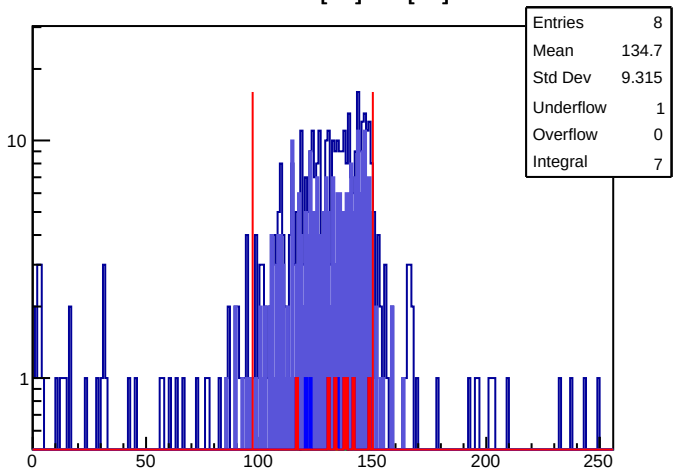

pKurama Sch[34]-Tof[15]
Entries 338
Mean 0.8423
Std Dev 0.1133
Underflow 0
Overflow 0
Integral 338
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

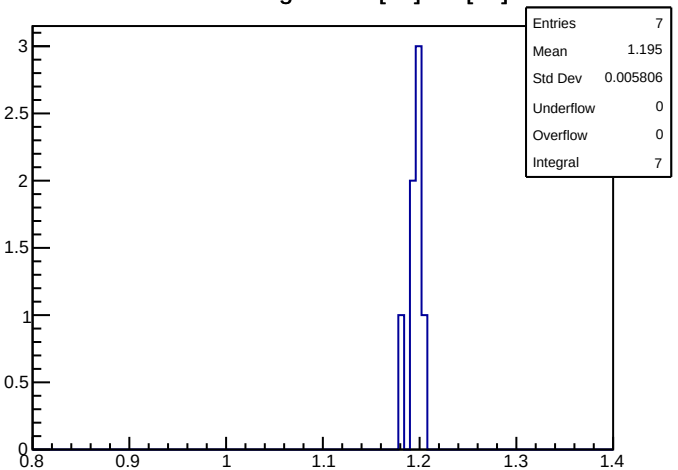

sftx all Sch[34]-Tof[16]
Entries 4
Mean 100.2
Std Dev 3.767
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

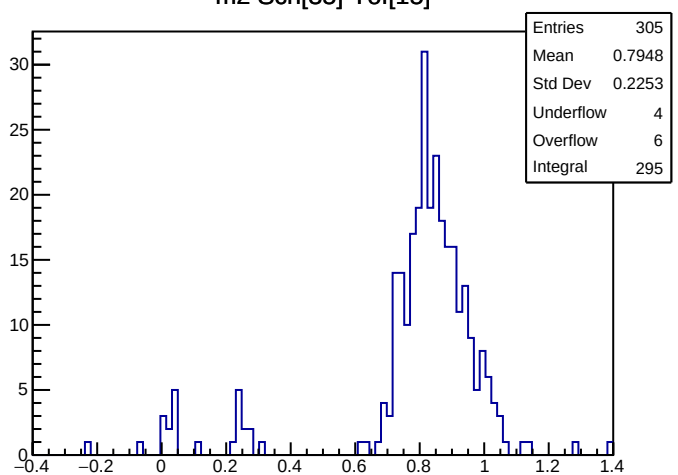

MissMass Sigma Sch[34]-Tof[16]
Entries 4
Mean 1.207
Std Dev 0.01139
Underflow 0
Overflow 0
Integral 4
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

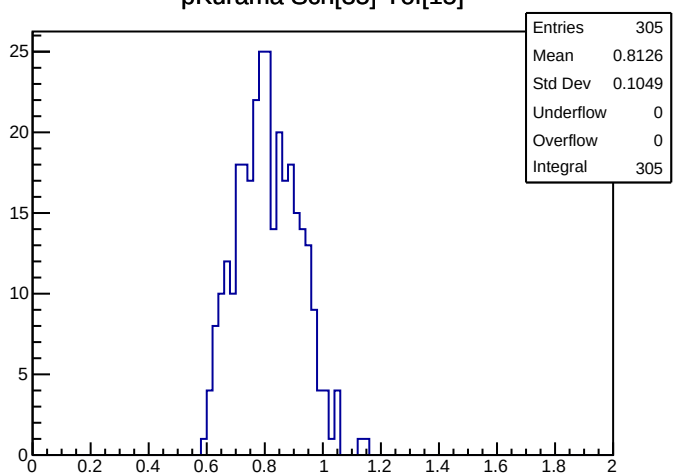

m2 Sch[34]-Tof[16]
Entries 423
Mean 0.8072
Std Dev 0.1795
Underflow 9
Overflow 12
Integral 402
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

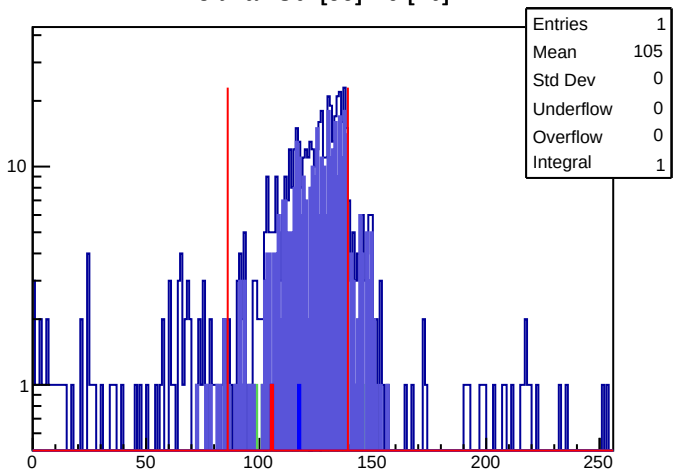

pKurama Sch[34]-Tof[16]
Entries 423
Mean 0.9435
Std Dev 0.1378
Underflow 0
Overflow 0
Integral 423
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

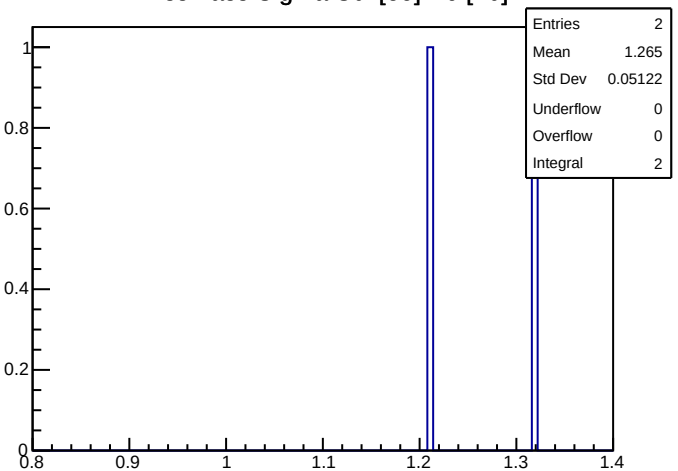

sftx all Sch[35]-Tof[15]
Entries 8
Mean 134.7
Std Dev 9.315
Underflow 1
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

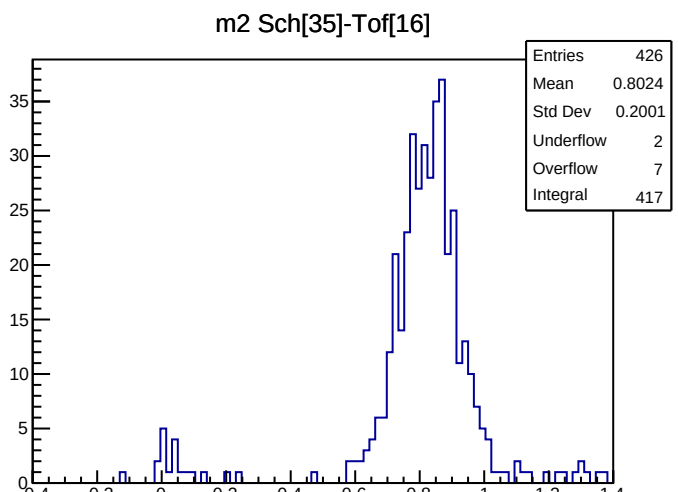

MissMass Sigma Sch[35]-Tof[15]
Entries 7
Mean 1.195
Std Dev 0.005806
Underflow 0
Overflow 0
Integral 7
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

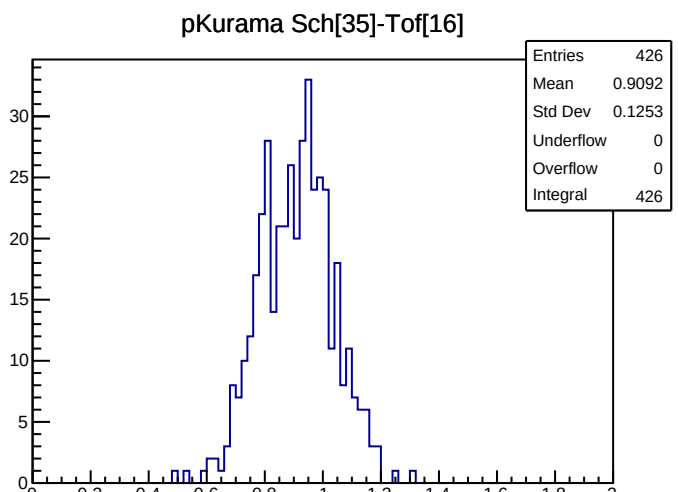

m2 Sch[35]-Tof[15]
Entries 305
Mean 0.7948
Std Dev 0.2253
Underflow 4
Overflow 6
Integral 295
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

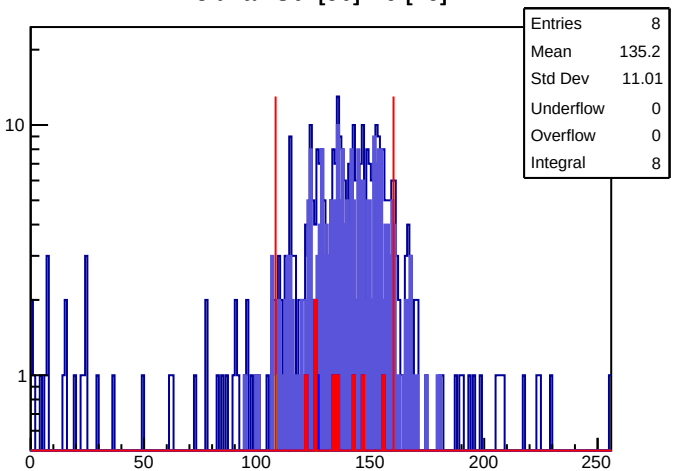

pKurama Sch[35]-Tof[15]
Entries 305
Mean 0.8126
Std Dev 0.1049
Underflow 0
Overflow 0
Integral 305
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

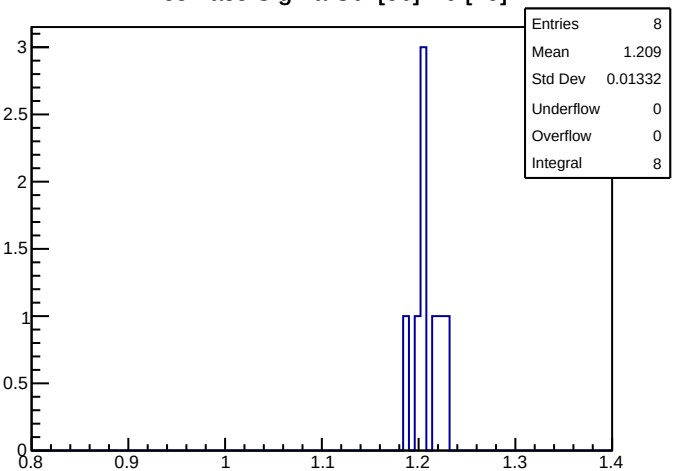

sftx all Sch[35]-Tof[16]
Entries 1
Mean 105
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

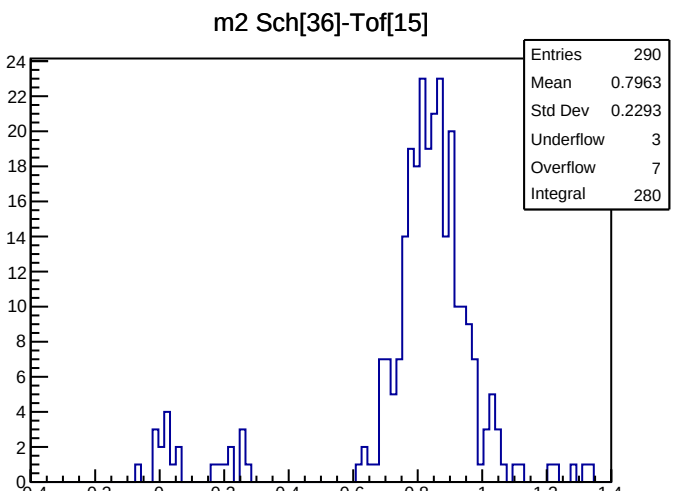

MissMass Sigma Sch[35]-Tof[16]
Entries 2
Mean 1.265
Std Dev 0.05122
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

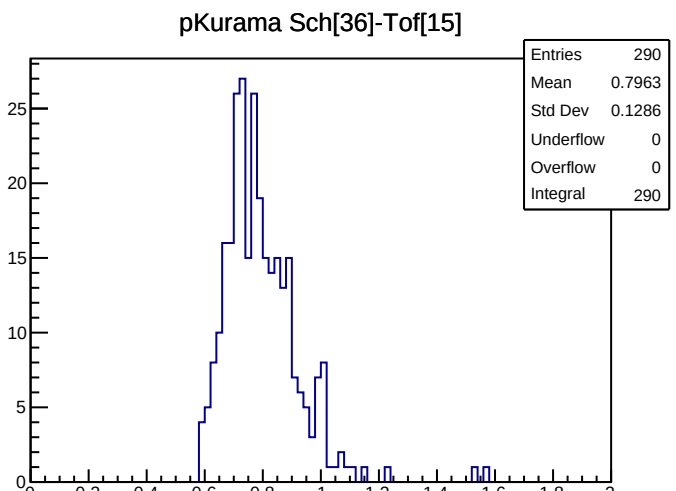

m2 Sch[35]-Tof[16]
Entries 426
Mean 0.8024
Std Dev 0.2001
Underflow 2
Overflow 7
Integral 417
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

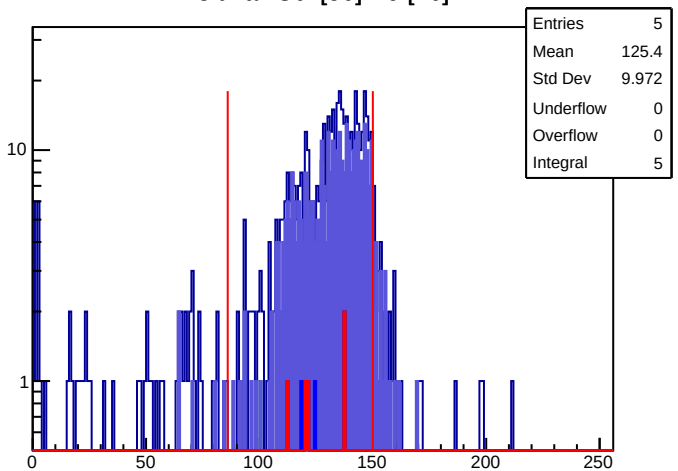

pKurama Sch[35]-Tof[16]
Entries 426
Mean 0.9092
Std Dev 0.1253
Underflow 0
Overflow 0
Integral 426
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

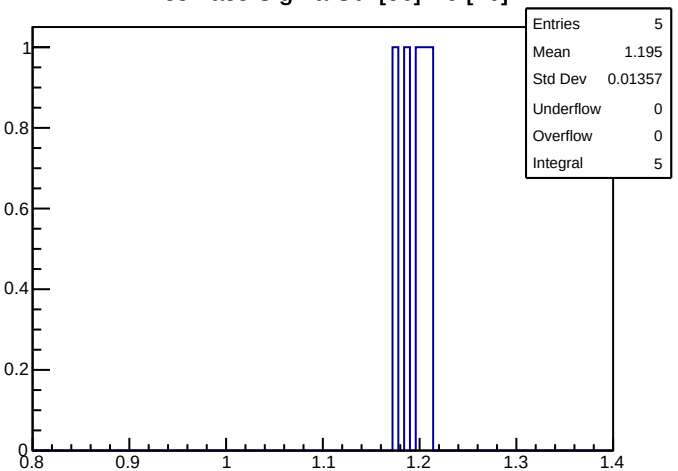

sftx all Sch[36]-Tof[15]
Entries 8
Mean 135.2
Std Dev 11.01
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

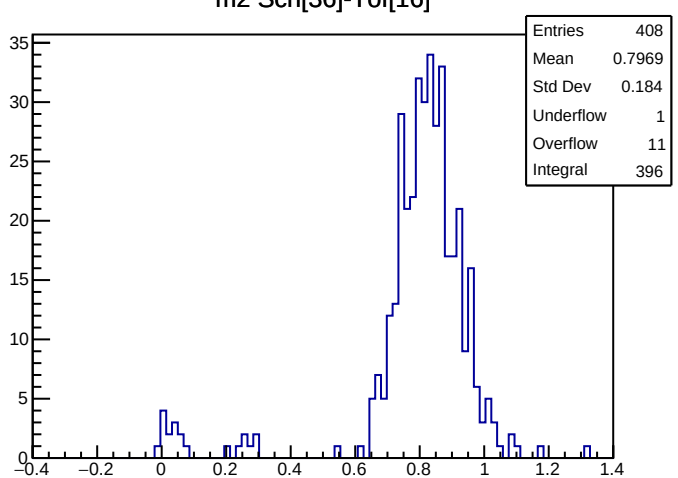

MissMass Sigma Sch[36]-Tof[15]
Entries 8
Mean 1.209
Std Dev 0.01332
Underflow 0
Overflow 0
Integral 8
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

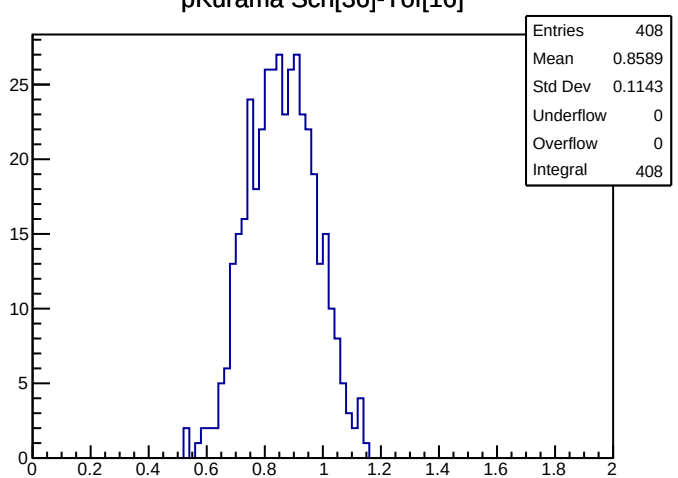

m2 Sch[36]-Tof[15]
Entries 290
Mean 0.7963
Std Dev 0.2293
Underflow 3
Overflow 7
Integral 280
24
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

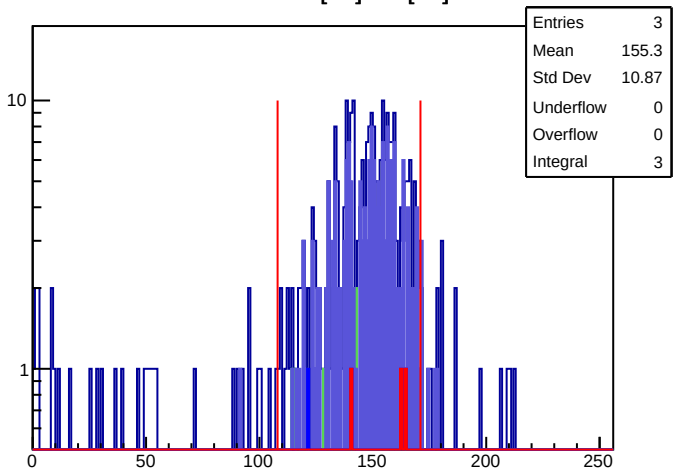

pKurama Sch[36]-Tof[15]
Entries 290
Mean 0.7963
Std Dev 0.1286
Underflow 0
Overflow 0
Integral 290
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

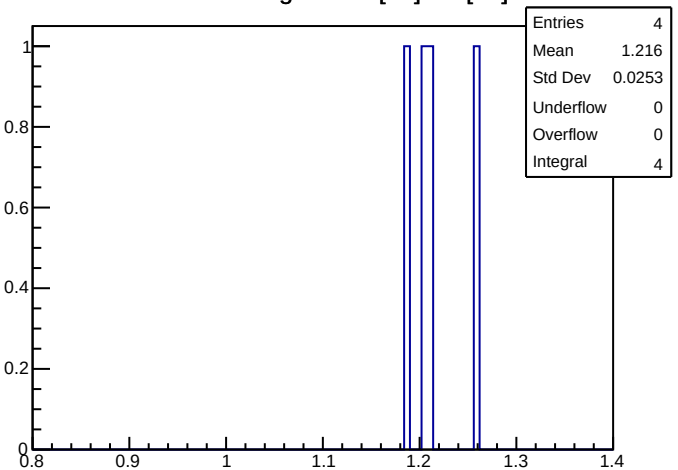

sftx all Sch[36]-Tof[16]
Entries 5
Mean 125.4
Std Dev 9.972
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

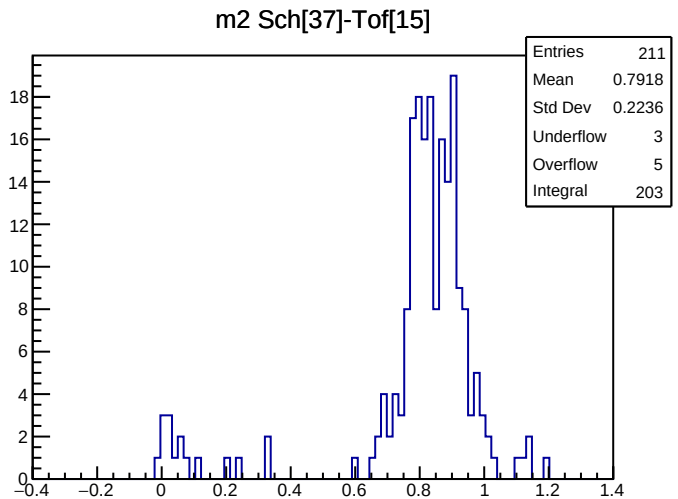

MissMass Sigma Sch[36]-Tof[16]
Entries 5
Mean 1.195
Std Dev 0.01357
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

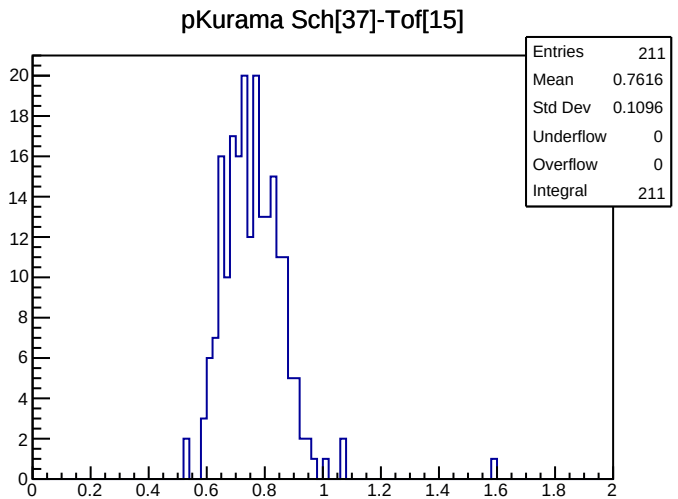

m2 Sch[36]-Tof[16]
Entries 408
Mean 0.7969
Std Dev 0.184
Underflow 1
Overflow 11
Integral 396
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

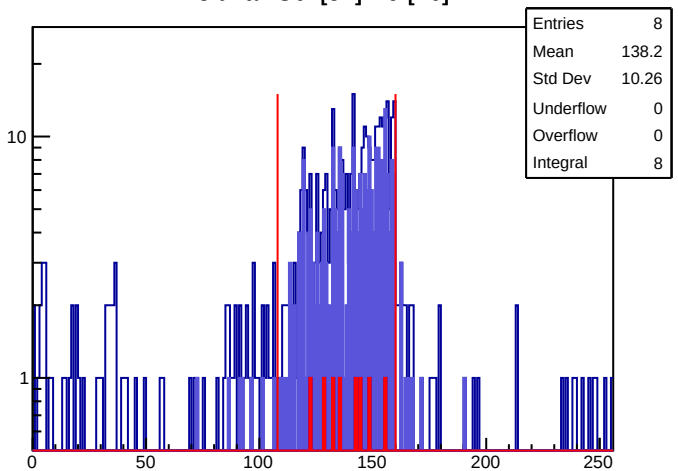

pKurama Sch[36]-Tof[16]
Entries 408
Mean 0.8589
Std Dev 0.1143
Underflow 0
Overflow 0
Integral 408
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

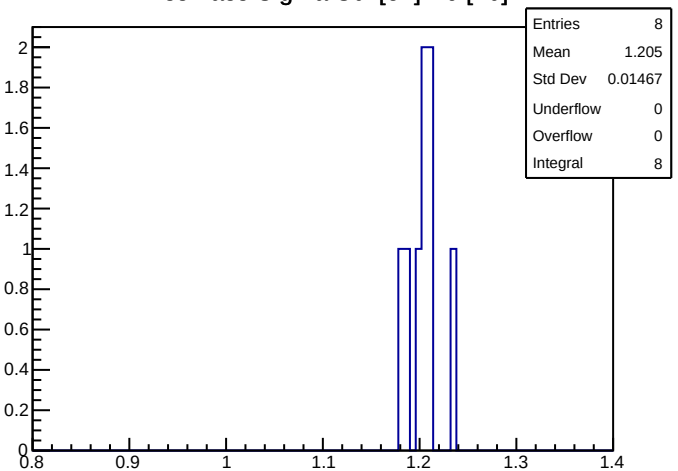

sftx all Sch[37]-Tof[15]
Entries 3
Mean 155.3
Std Dev 10.87
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

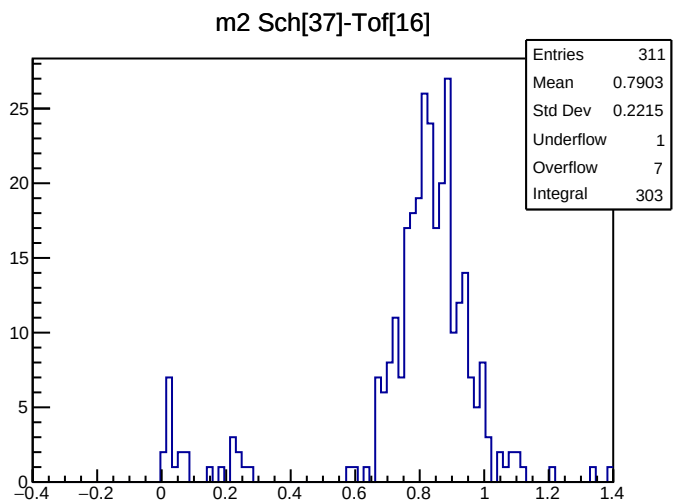

MissMass Sigma Sch[37]-Tof[15]
Entries 4
Mean 1.216
Std Dev 0.0253
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

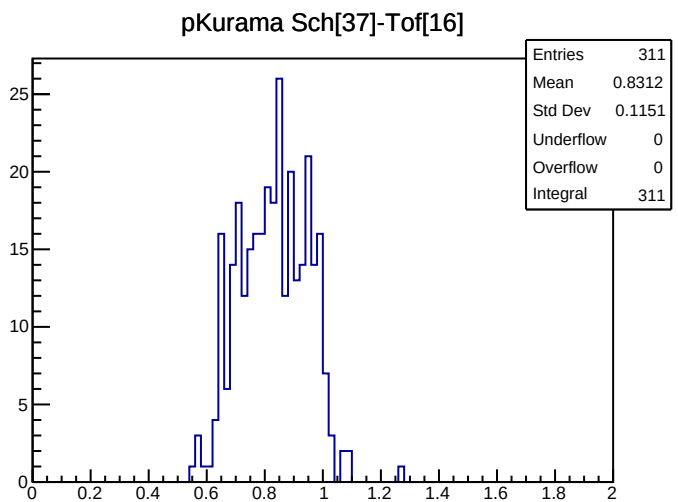

m2 Sch[37]-Tof[15]
Entries 211
Mean 0.7918
Std Dev 0.2236
Underflow 3
Overflow 5
Integral 203
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

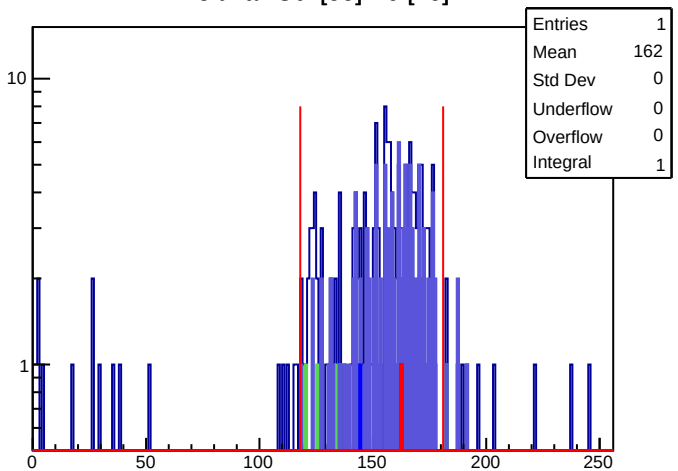

pKurama Sch[37]-Tof[15]
Entries 211
Mean 0.7616
Std Dev 0.1096
Underflow 0
Overflow 0
Integral 211
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

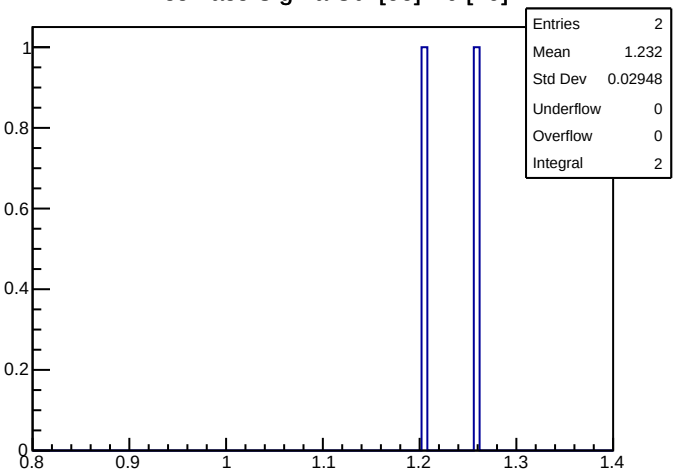

sftx all Sch[37]-Tof[16]
Entries 8
Mean 138.2
Std Dev 10.26
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

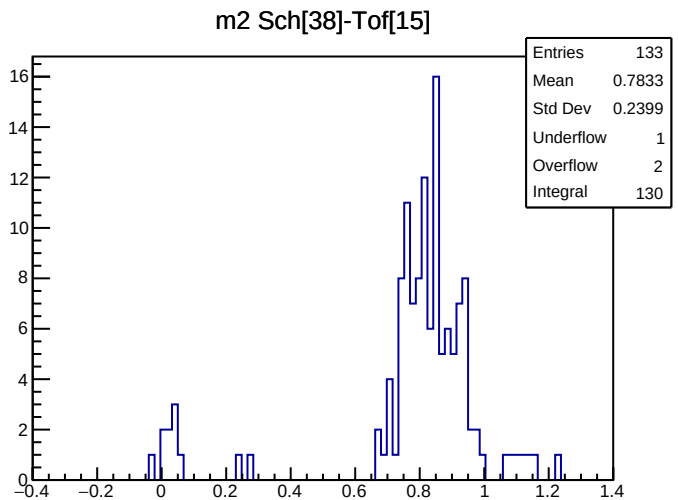

MissMass Sigma Sch[37]-Tof[16]
Entries 8
Mean 1.205
Std Dev 0.01467
Underflow 0
Overflow 0
Integral 8
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

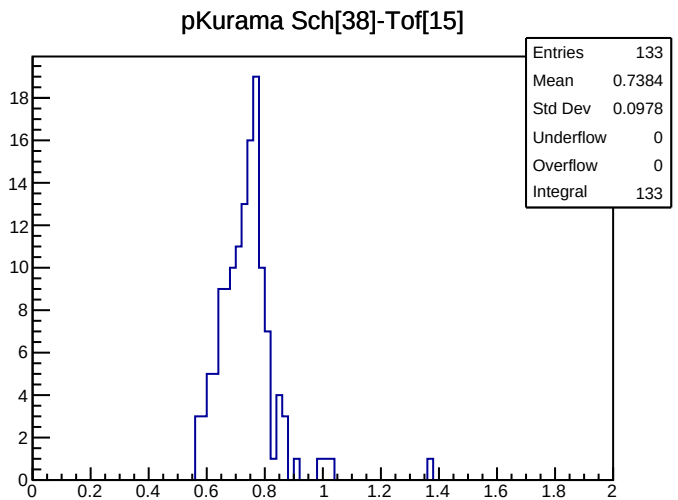

m2 Sch[37]-Tof[16]
Entries 311
Mean 0.7903
Std Dev 0.2215
Underflow 1
Overflow 7
Integral 303
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

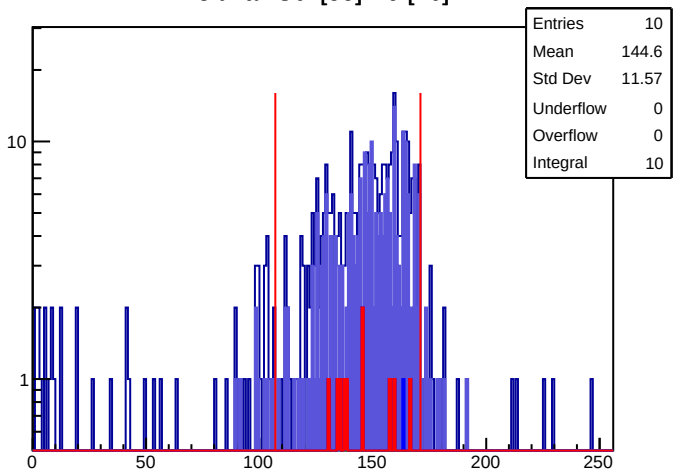

pKurama Sch[37]-Tof[16]
Entries 311
Mean 0.8312
Std Dev 0.1151
Underflow 0
Overflow 0
Integral 311
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

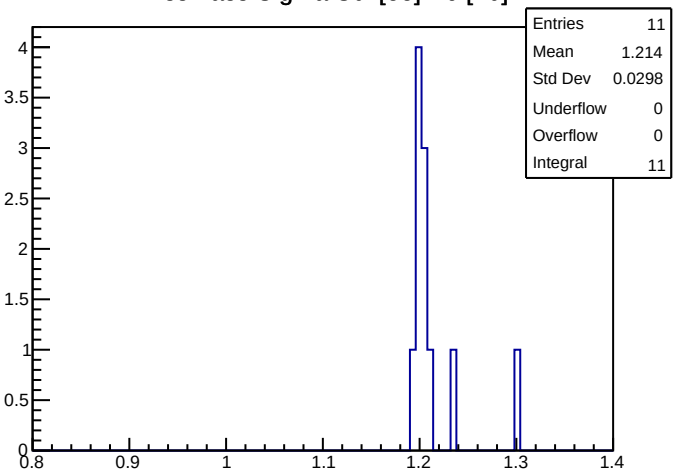

sftx all Sch[38]-Tof[15]
Entries 1
Mean 162
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

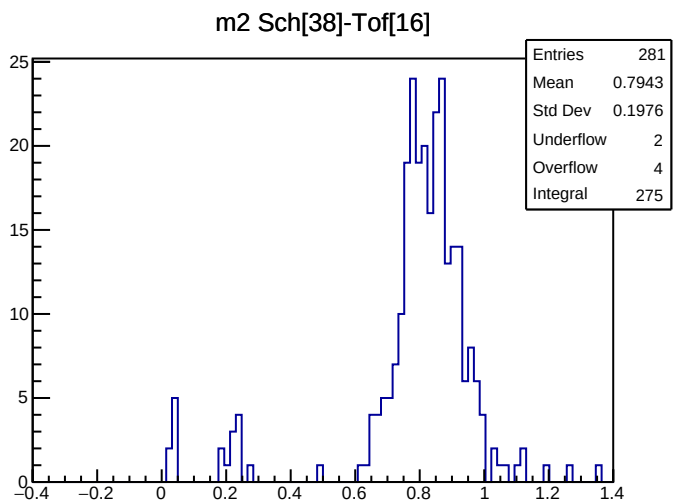

MissMass Sigma Sch[38]-Tof[15]
Entries 2
Mean 1.232
Std Dev 0.02948
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

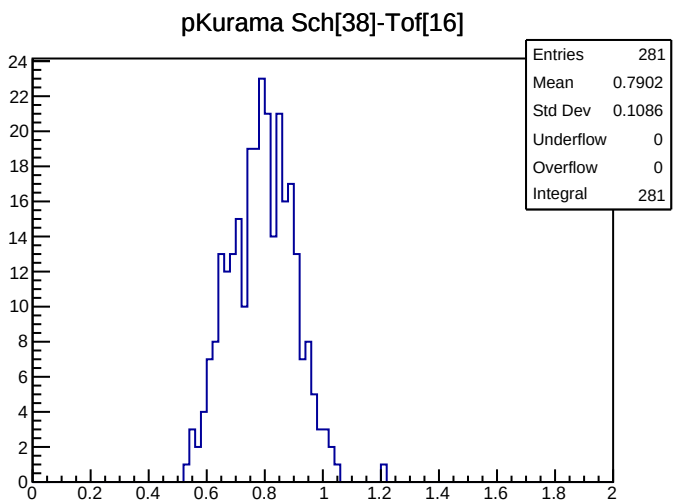

m2 Sch[38]-Tof[15]
Entries 133
Mean 0.7833
Std Dev 0.2399
Underflow 1
Overflow 2
Integral 130
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

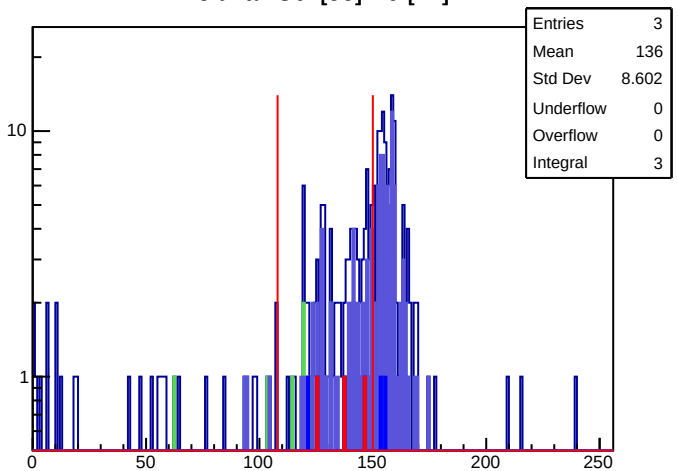

pKurama Sch[38]-Tof[15]
Entries 133
Mean 0.7384
Std Dev 0.0978
Underflow 0
Overflow 0
Integral 133
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

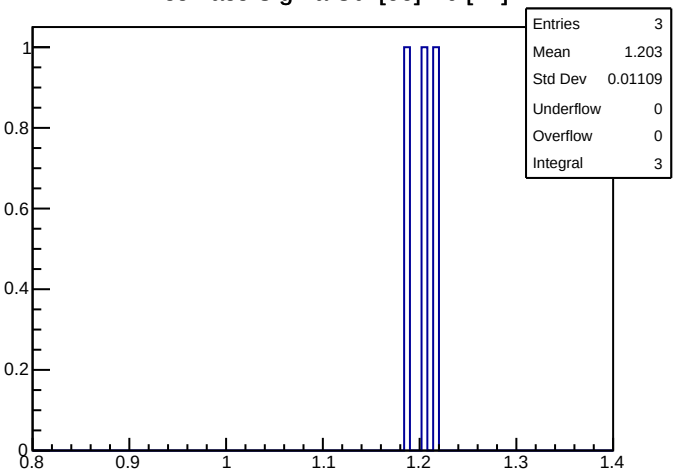

sftx all Sch[38]-Tof[16]
Entries 10
Mean 144.6
Std Dev 11.57
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

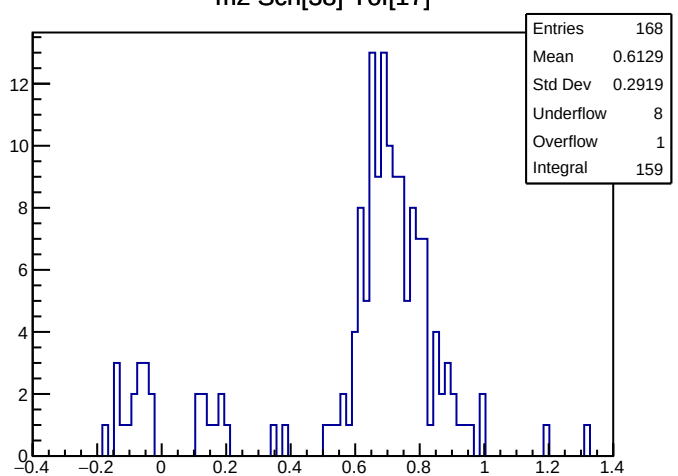

MissMass Sigma Sch[38]-Tof[16]
Entries 11
Mean 1.214
Std Dev 0.0298
Underflow 0
Overflow 0
Integral 11
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

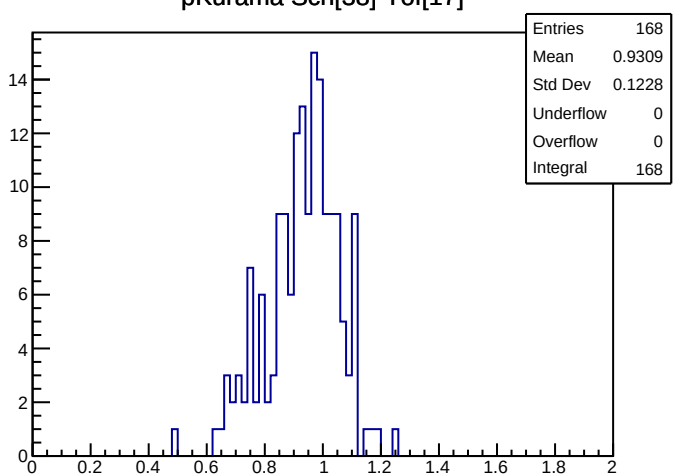

m2 Sch[38]-Tof[16]
Entries 281
Mean 0.7943
Std Dev 0.1976
Underflow 2
Overflow 4
Integral 275
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

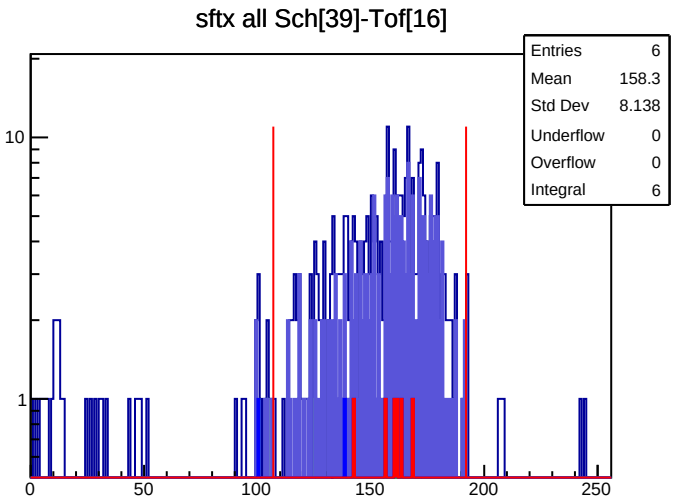

pKurama Sch[38]-Tof[16]
Entries 281
Mean 0.7902
Std Dev 0.1086
Underflow 0
Overflow 0
Integral 281
24
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

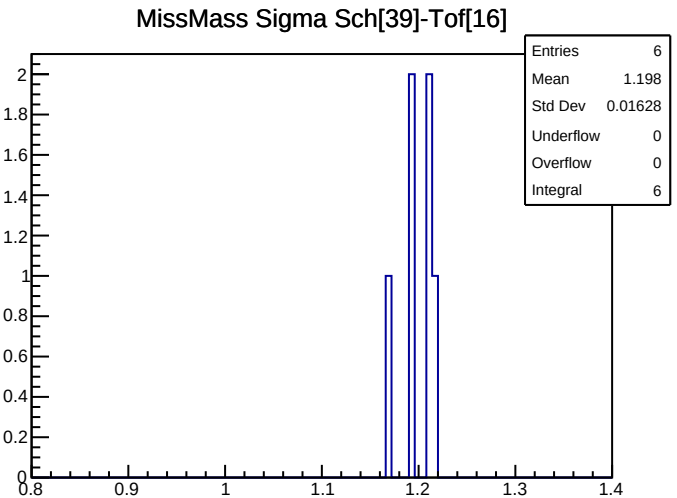

sftx all Sch[38]-Tof[17]
Entries 3
Mean 136
Std Dev 8.602
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

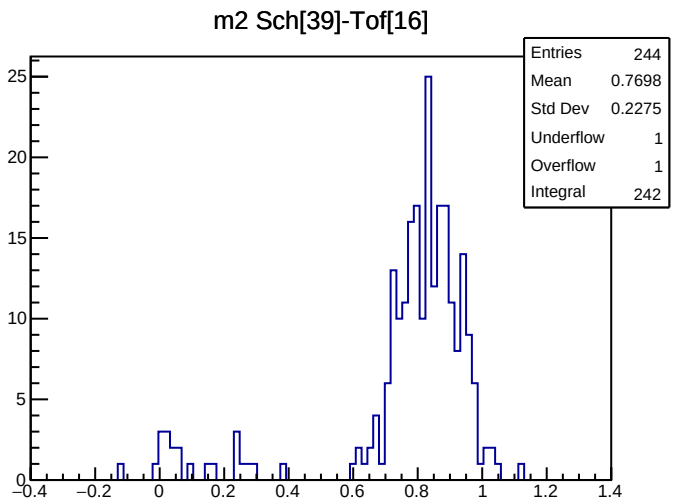

MissMass Sigma Sch[38]-Tof[17]
Entries 3
Mean 1.203
Std Dev 0.01109
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

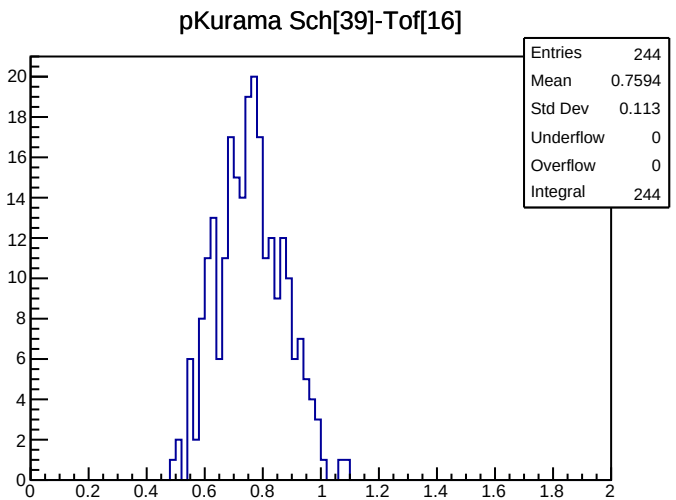

m2 Sch[38]-Tof[17]
Entries 168
Mean 0.6129
Std Dev 0.2919
Underflow 8
Overflow 1
Integral 159
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

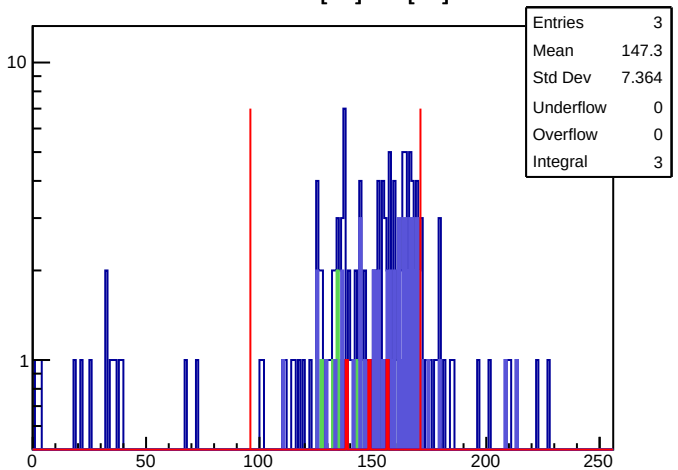

pKurama Sch[38]-Tof[17]
Entries 168
Mean 0.9309
Std Dev 0.1228
Underflow 0
Overflow 0
Integral 168
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

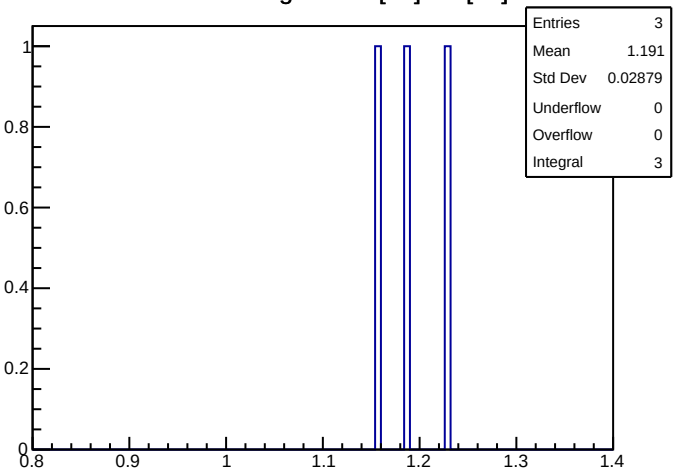

sftx all Sch[39]-Tof[16]
Entries 6
Mean 158.3
Std Dev 8.138
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

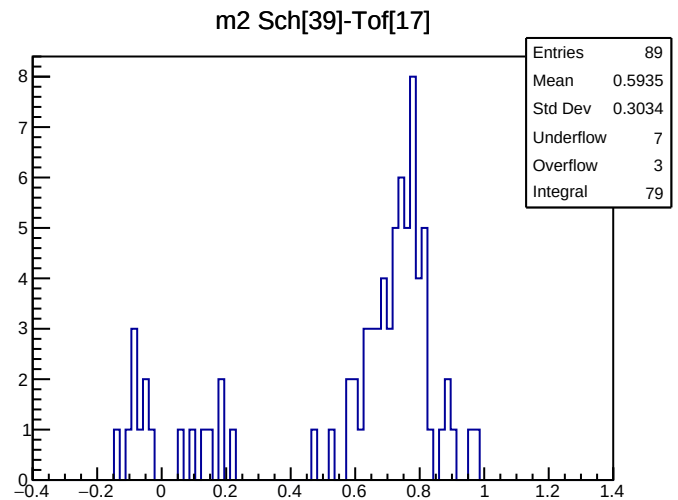

MissMass Sigma Sch[39]-Tof[16]
Entries 6
Mean 1.198
Std Dev 0.01628
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

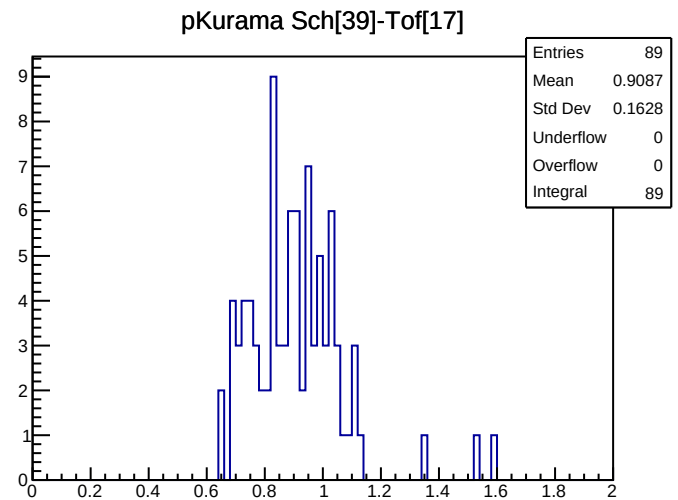

m2 Sch[39]-Tof[16]
Entries 244
Mean 0.7698
Std Dev 0.2275
Underflow 1
Overflow 1
Integral 242
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

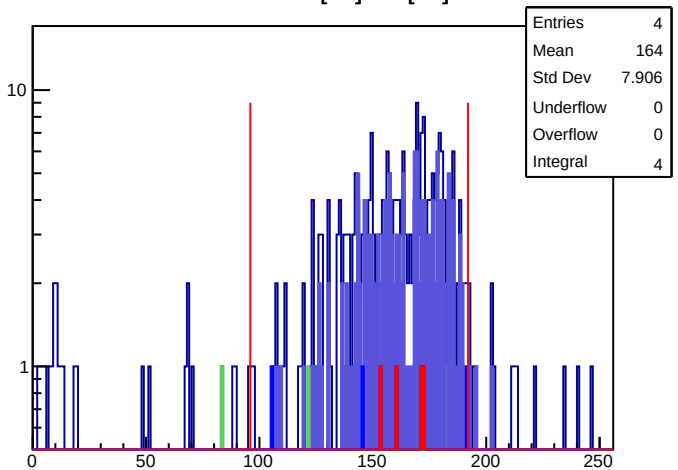

pKurama Sch[39]-Tof[16]
Entries 244
Mean 0.7594
Std Dev 0.113
Underflow 0
Overflow 0
Integral 244
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

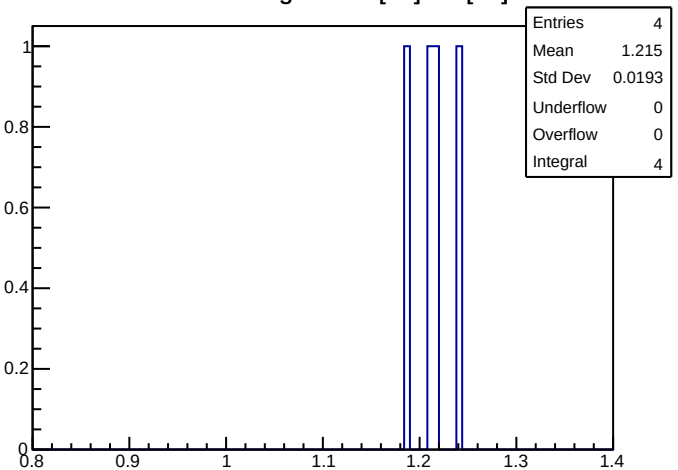

sftx all Sch[39]-Tof[17]
Entries 3
Mean 147.3
Std Dev 7.364
Underflow 0
Overflow 0
Integral 3

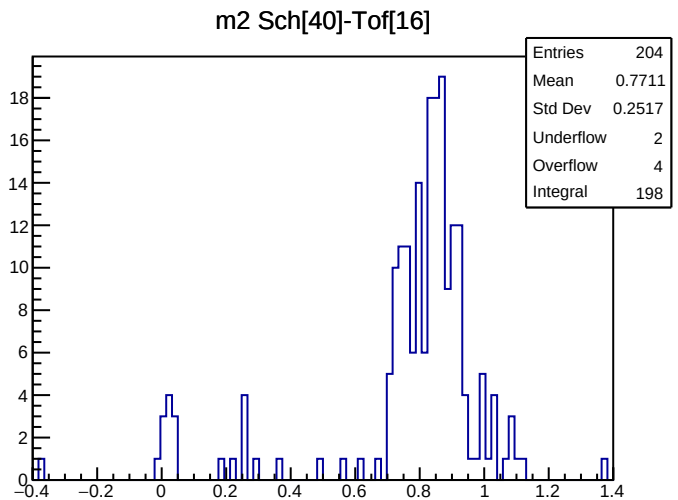

MissMass Sigma Sch[39]-Tof[17]
Entries 3
Mean 1.191
Std Dev 0.02879
Underflow 0
Overflow 0
Integral 3

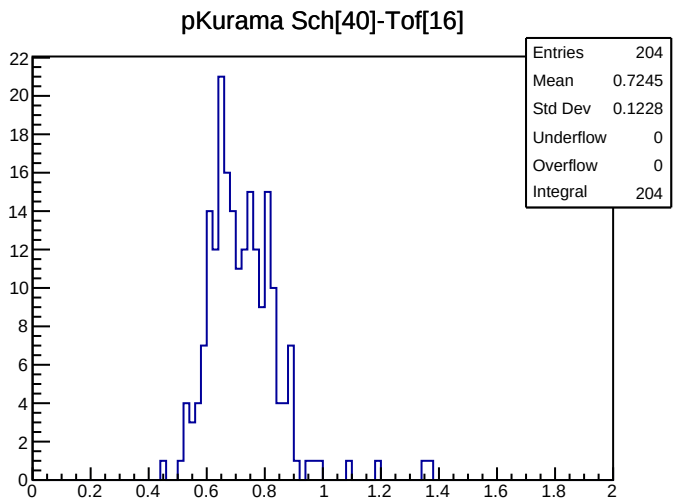

m2 Sch[39]-Tof[17]
Entries 89
Mean 0.5935
Std Dev 0.3034
Underflow 7
Overflow 3
Integral 79

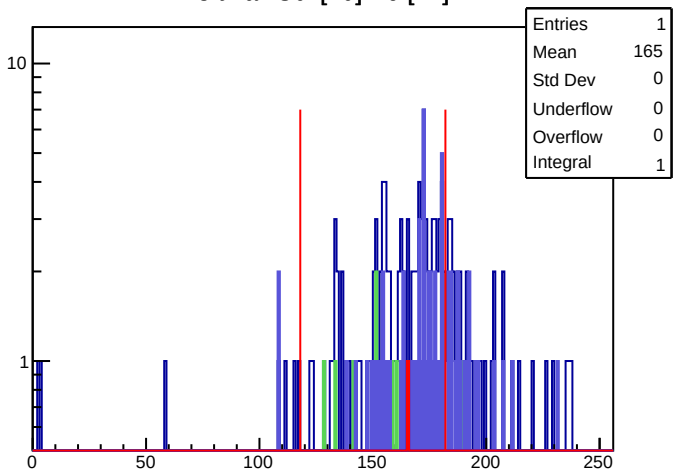

pKurama Sch[39]-Tof[17]
Entries 89
Mean 0.9087
Std Dev 0.1628
Underflow 0
Overflow 0
Integral 89

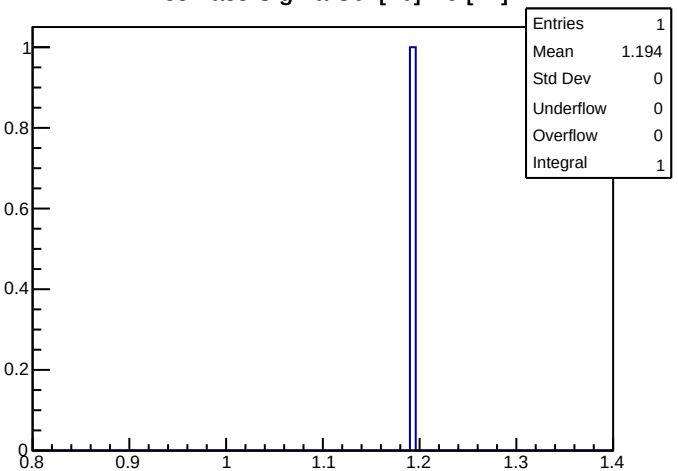

sftx all Sch[40]-Tof[16]
Entries 4
Mean 164
Std Dev 7.906
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

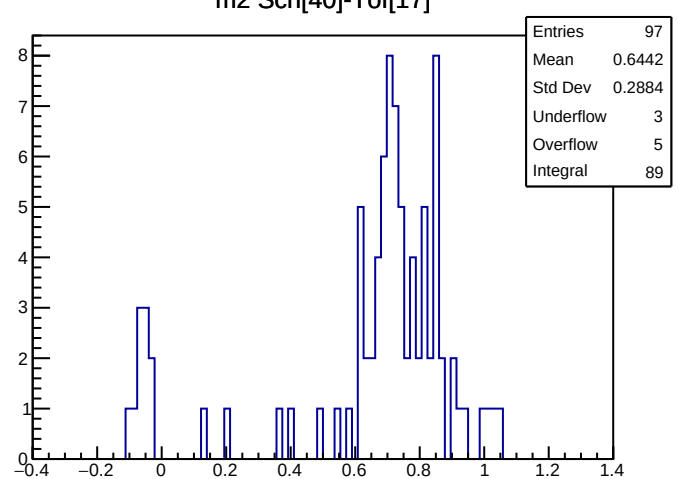

MissMass Sigma Sch[40]-Tof[16]
Entries 4
Mean 1.215
Std Dev 0.0193
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

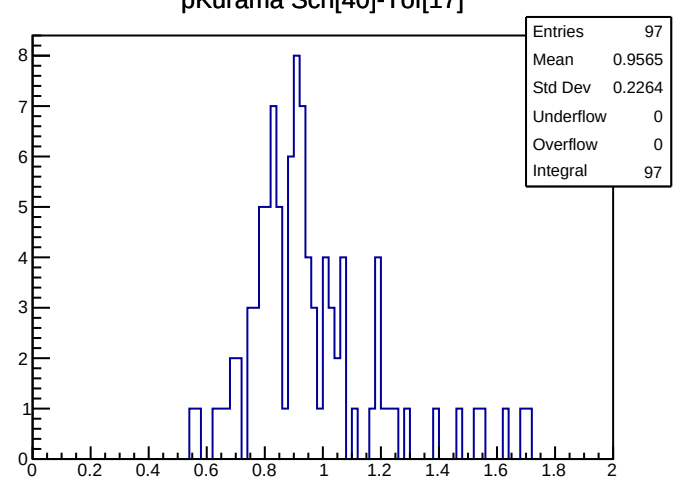

m2 Sch[40]-Tof[16]
Entries 204
Mean 0.7711
Std Dev 0.2517
Underflow 2
Overflow 4
Integral 198
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

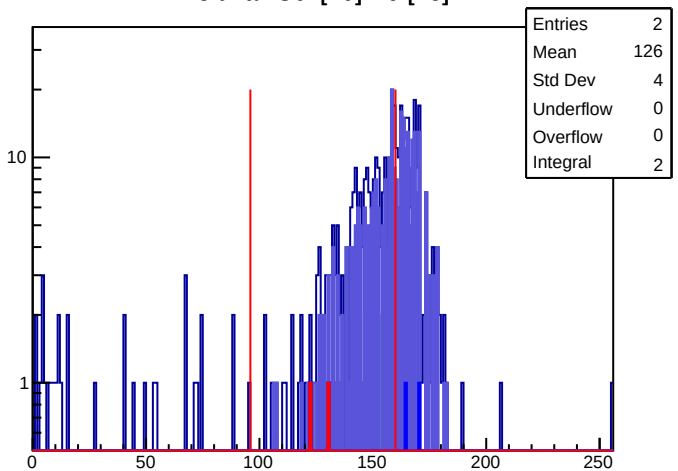

pKurama Sch[40]-Tof[16]
Entries 204
Mean 0.7245
Std Dev 0.1228
Underflow 0
Overflow 0
Integral 204
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

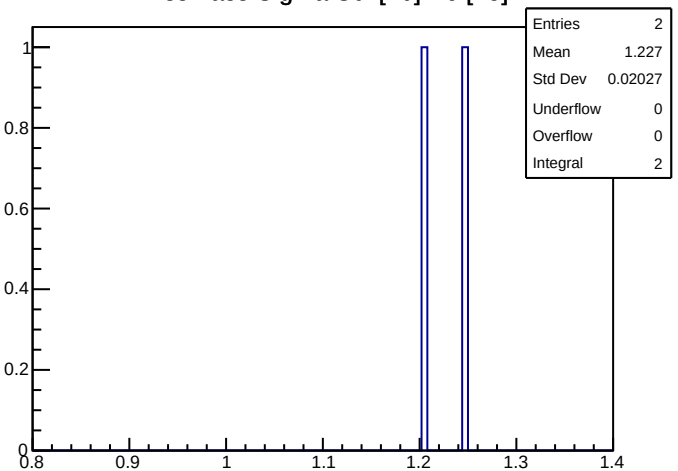

sftx all Sch[40]-Tof[17]
Entries 1
Mean 165
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

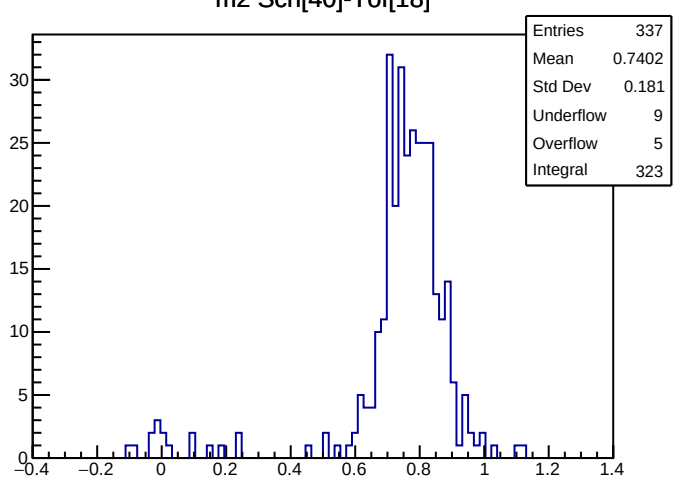

MissMass Sigma Sch[40]-Tof[17]
Entries 1
Mean 1.194
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

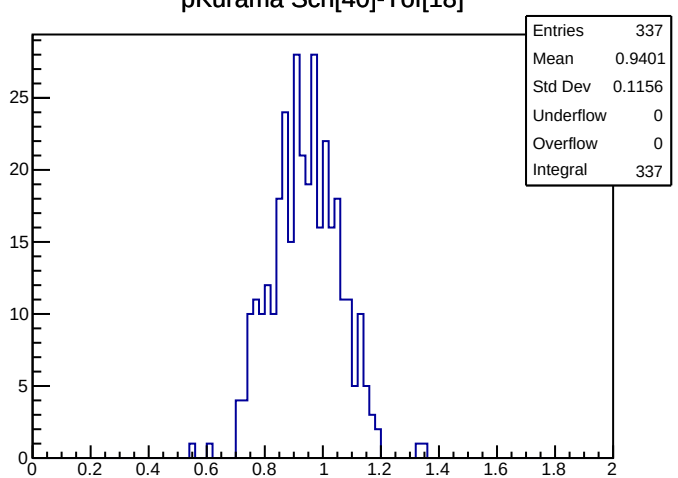

m2 Sch[40]-Tof[17]
Entries 97
Mean 0.6442
Std Dev 0.2884
Underflow 3
Overflow 5
Integral 89
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

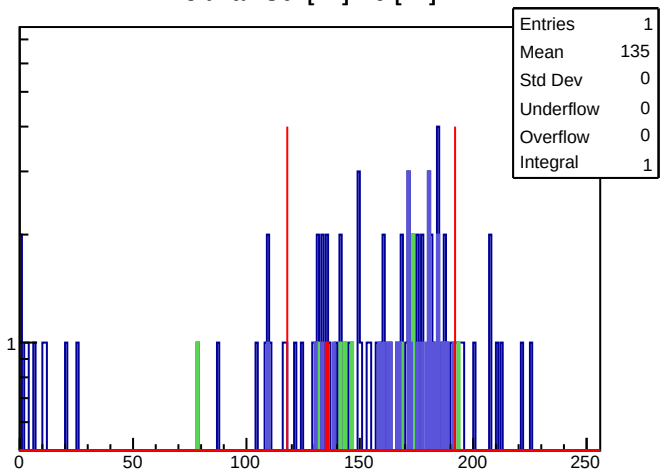

pKurama Sch[40]-Tof[17]
Entries 97
Mean 0.9565
Std Dev 0.2264
Underflow 0
Overflow 0
Integral 97
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

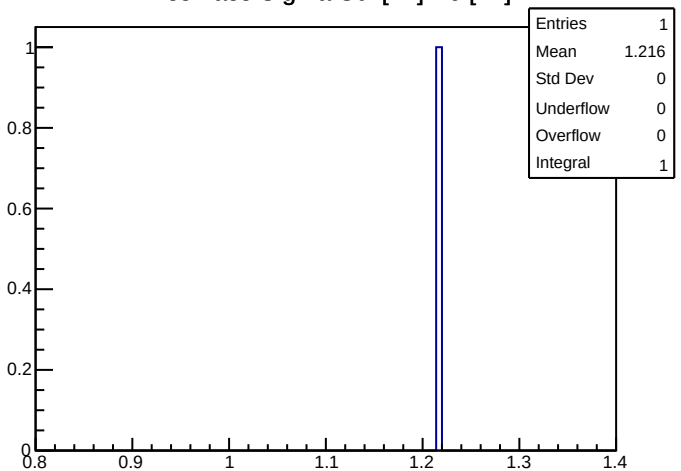

sftx all Sch[40]-Tof[18]
Entries 2
Mean 126
Std Dev 4
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

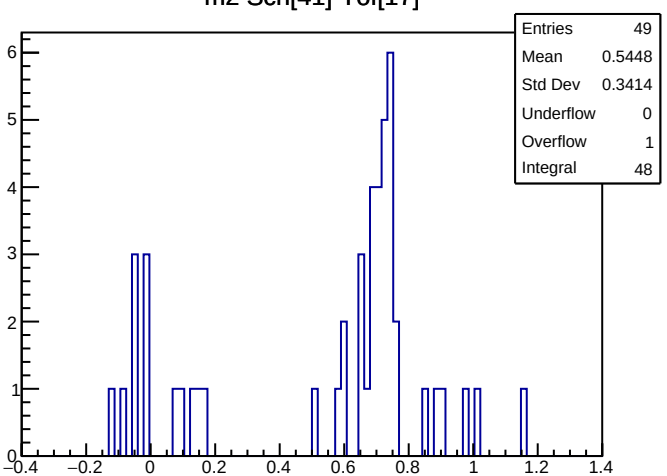

MissMass Sigma Sch[40]-Tof[18]
Entries 2
Mean 1.227
Std Dev 0.02027
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

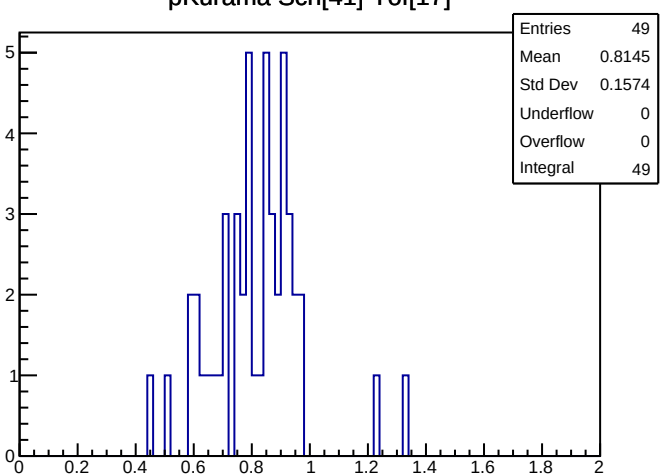

m2 Sch[40]-Tof[18]
Entries 337
Mean 0.7402
Std Dev 0.181
Underflow 9
Overflow 5
Integral 323
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

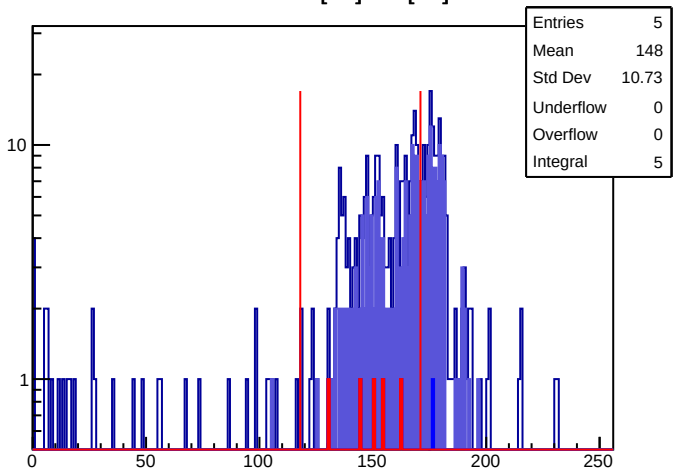

pKurama Sch[40]-Tof[18]
Entries 337
Mean 0.9401
Std Dev 0.1156
Underflow 0
Overflow 0
Integral 337
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

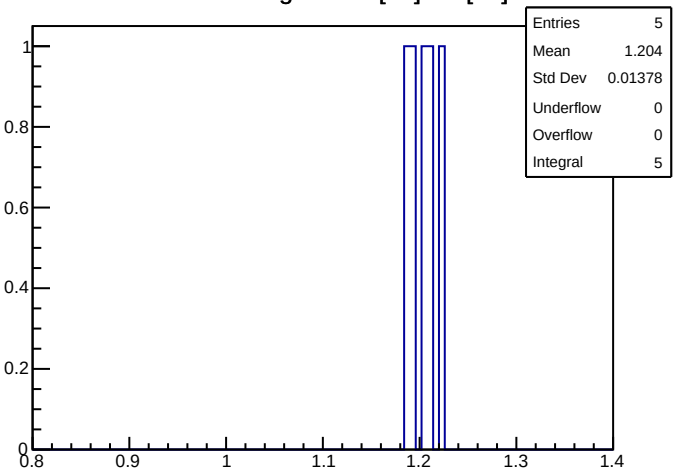

sftx all Sch[41]-Tof[17]
Entries 1
Mean 135
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

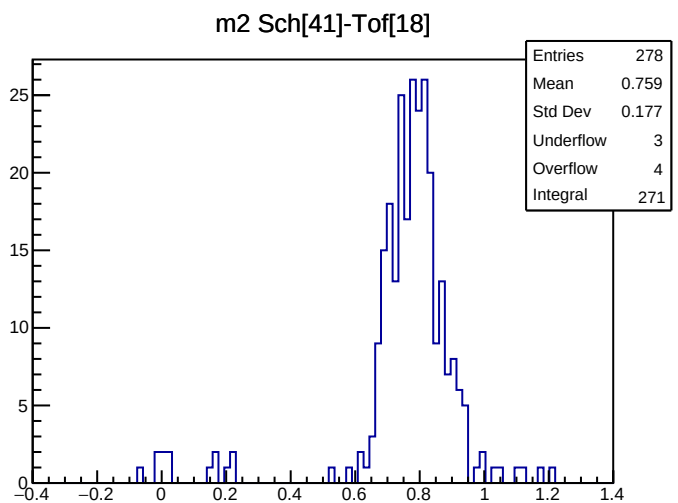

MissMass Sigma Sch[41]-Tof[17]
Entries 1
Mean 1.216
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

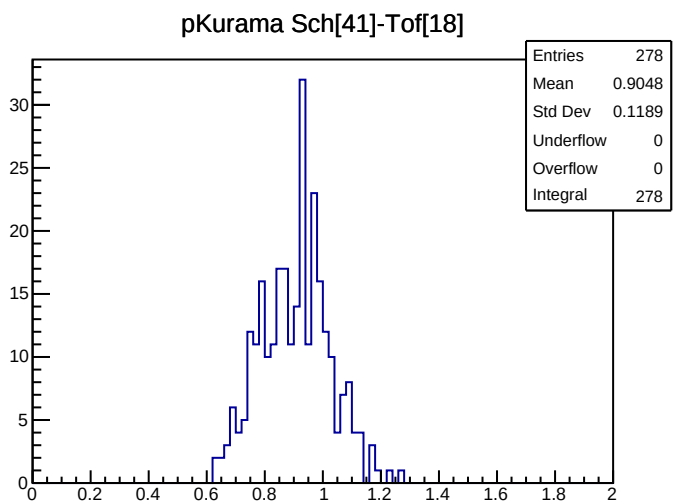

m2 Sch[41]-Tof[17]
Entries 49
Mean 0.5448
Std Dev 0.3414
Underflow 0
Overflow 1
Integral 48
0
1
2
3
4
5
6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

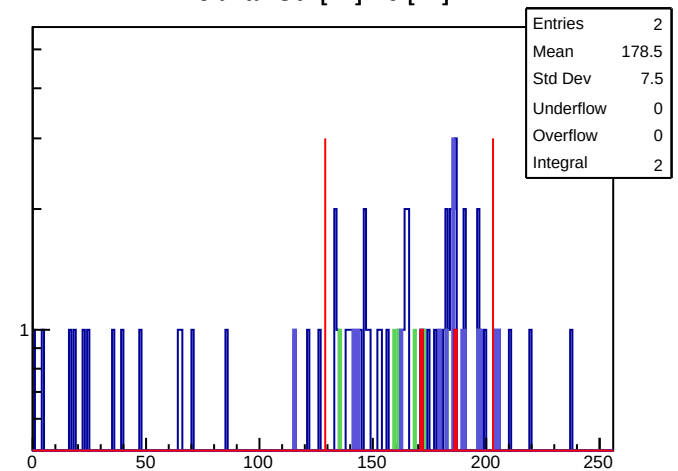

pKurama Sch[41]-Tof[17]
Entries 49
Mean 0.8145
Std Dev 0.1574
Underflow 0
Overflow 0
Integral 49
0
1
2
3
4
5
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

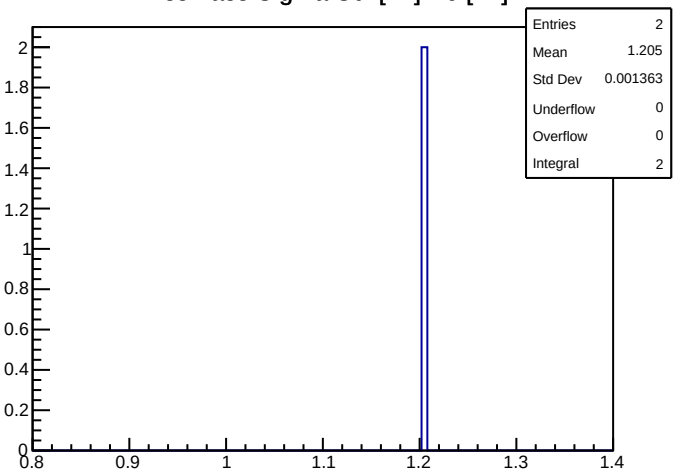

sftx all Sch[41]-Tof[18]
Entries 5
Mean 148
Std Dev 10.73
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

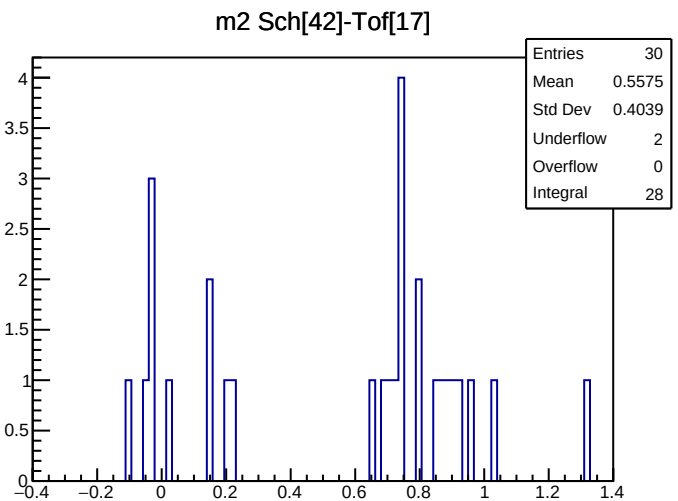

MissMass Sigma Sch[41]-Tof[18]
Entries 5
Mean 1.204
Std Dev 0.01378
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

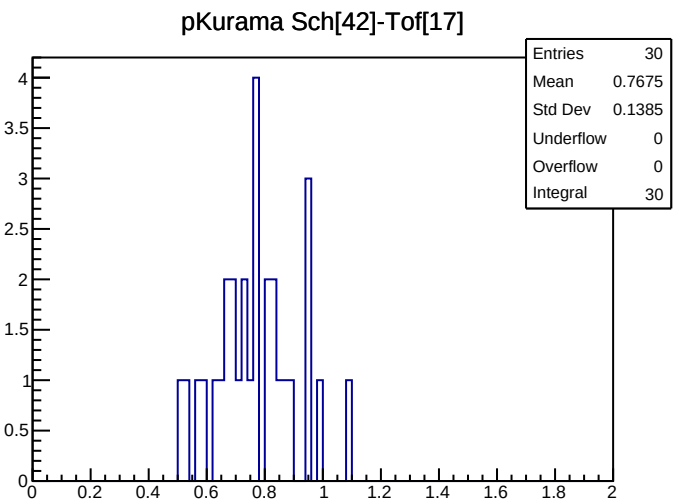

m2 Sch[41]-Tof[18]
Entries 278
Mean 0.759
Std Dev 0.177
Underflow 3
Overflow 4
Integral 271
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

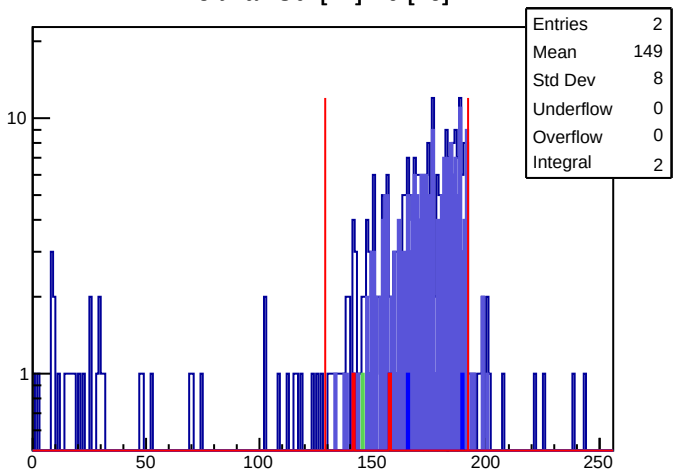

pKurama Sch[41]-Tof[18]
Entries 278
Mean 0.9048
Std Dev 0.1189
Underflow 0
Overflow 0
Integral 278
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

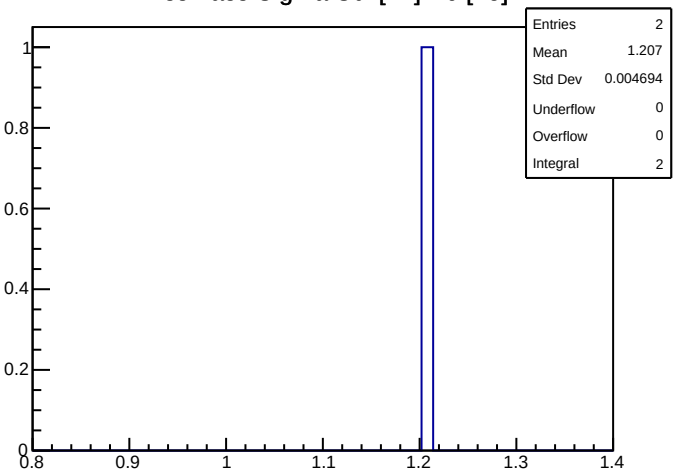

sftx all Sch[42]-Tof[17]
Entries 2
Mean 178.5
Std Dev 7.5
Underflow 0
Overflow 0
Integral 2

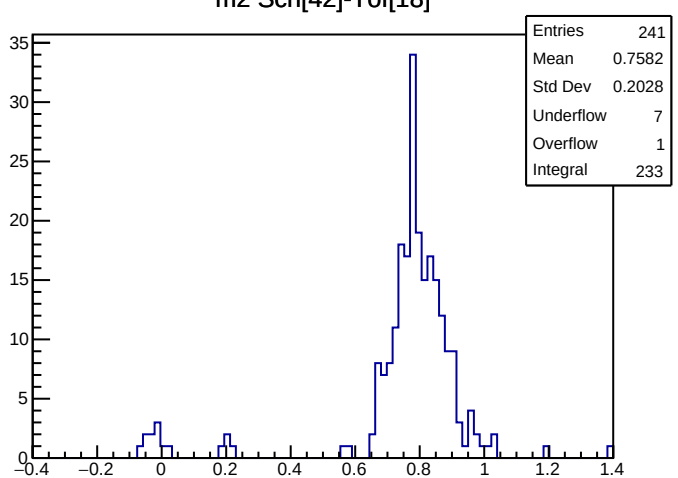

MissMass Sigma Sch[42]-Tof[17]
Entries 2
Mean 1.205
Std Dev 0.001363
Underflow 0
Overflow 0
Integral 2

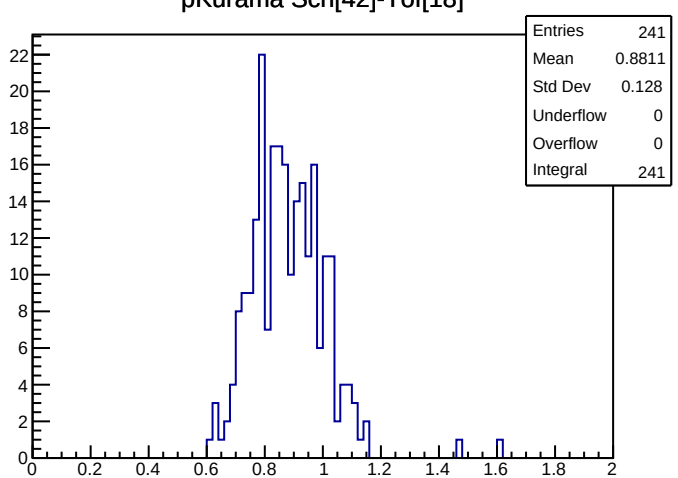

m2 Sch[42]-Tof[17]
Entries 30
Mean 0.5575
Std Dev 0.4039
Underflow 2
Overflow 0
Integral 28

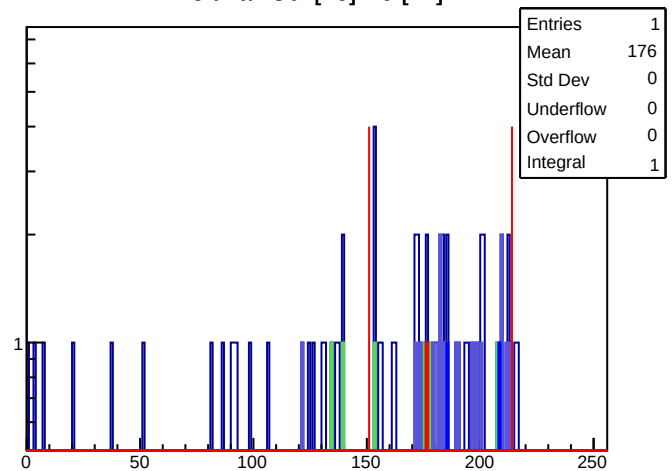

pKurama Sch[42]-Tof[17]
Entries 30
Mean 0.7675
Std Dev 0.1385
Underflow 0
Overflow 0
Integral 30

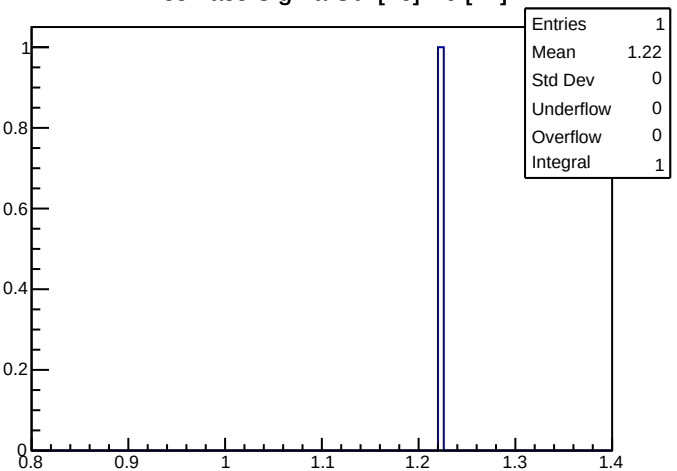

sftx all Sch[42]-Tof[18]
Entries 2
Mean 149
Std Dev 8
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

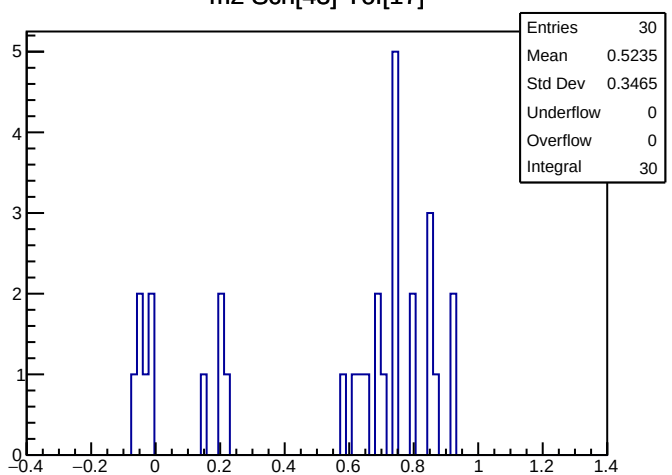

MissMass Sigma Sch[42]-Tof[18]
Entries 2
Mean 1.207
Std Dev 0.004694
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

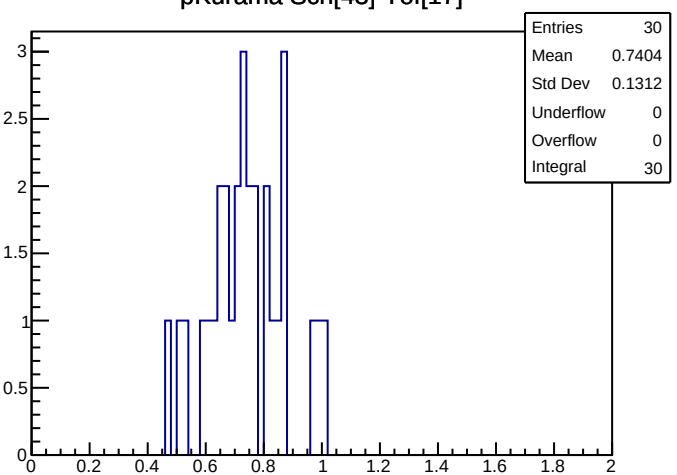

m2 Sch[42]-Tof[18]
Entries 241
Mean 0.7582
Std Dev 0.2028
Underflow 7
Overflow 1
Integral 233
35
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

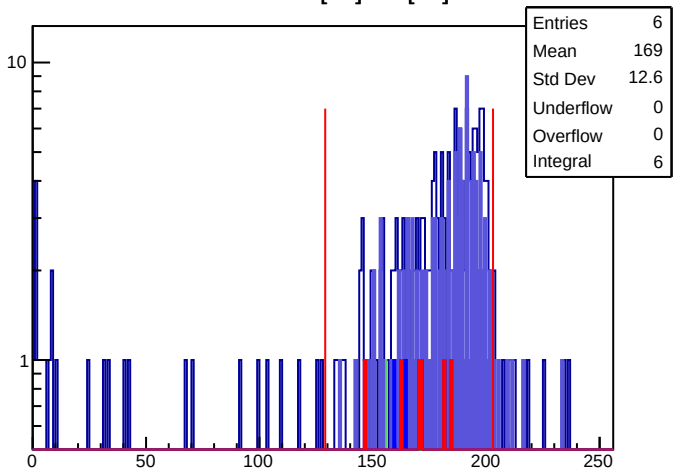

pKurama Sch[42]-Tof[18]
Entries 241
Mean 0.8811
Std Dev 0.128
Underflow 0
Overflow 0
Integral 241
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

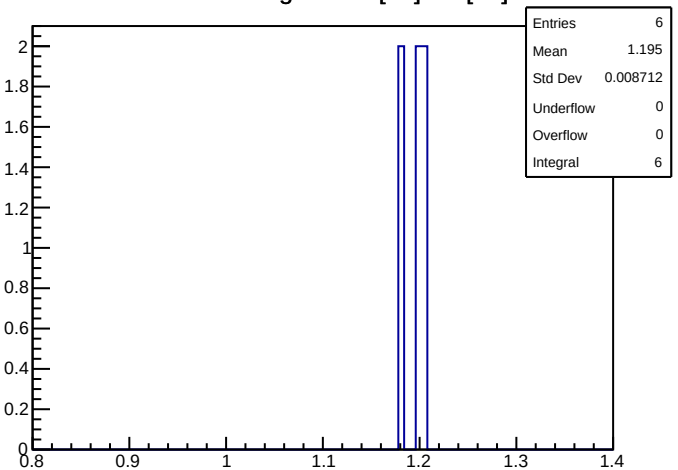

sftx all Sch[43]-Tof[17]
Entries 1
Mean 176
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

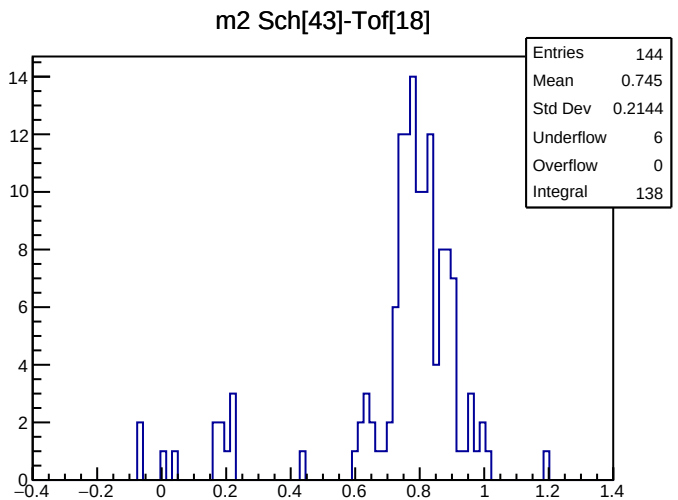

MissMass Sigma Sch[43]-Tof[17]
Entries 1
Mean 1.22
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

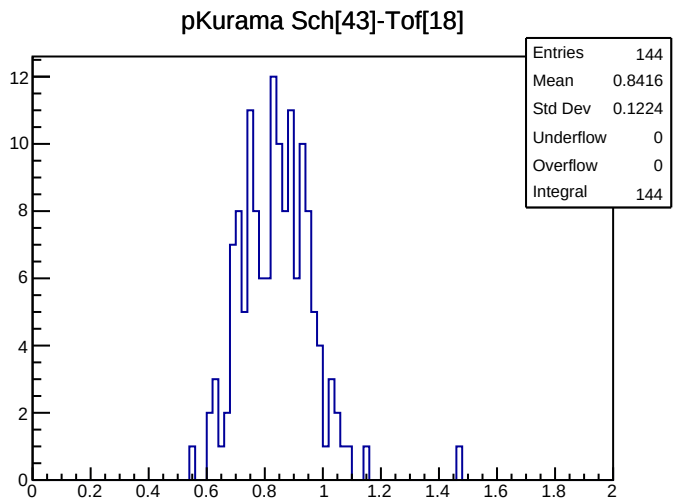

m2 Sch[43]-Tof[17]
Entries 30
Mean 0.5235
Std Dev 0.3465
Underflow 0
Overflow 0
Integral 30
0
1
2
3
4
5
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

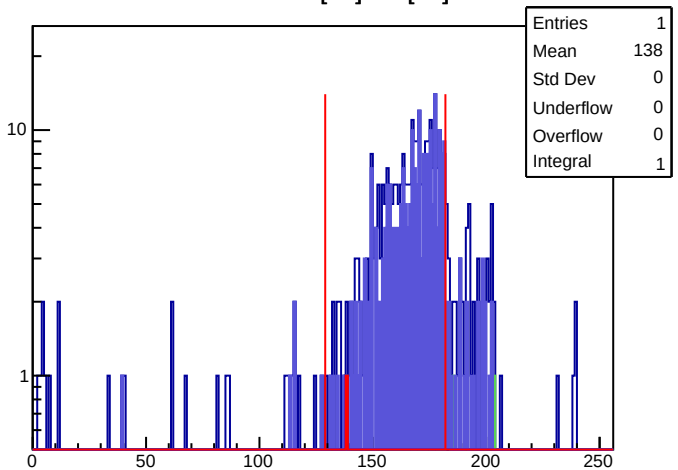

pKurama Sch[43]-Tof[17]
Entries 30
Mean 0.7404
Std Dev 0.1312
Underflow 0
Overflow 0
Integral 30
0
0.5
1
1.5
2
2.5
3
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

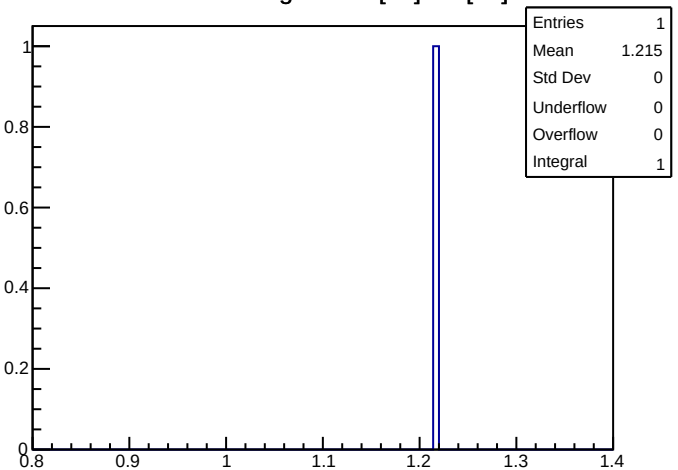

sftx all Sch[43]-Tof[18]
Entries 6
Mean 169
Std Dev 12.6
Underflow 0
Overflow 0
Integral 6

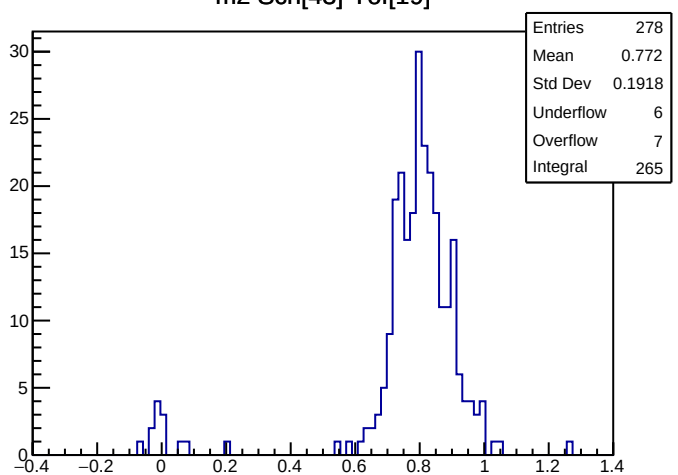

MissMass Sigma Sch[43]-Tof[18]
Entries 6
Mean 1.195
Std Dev 0.008712
Underflow 0
Overflow 0
Integral 6

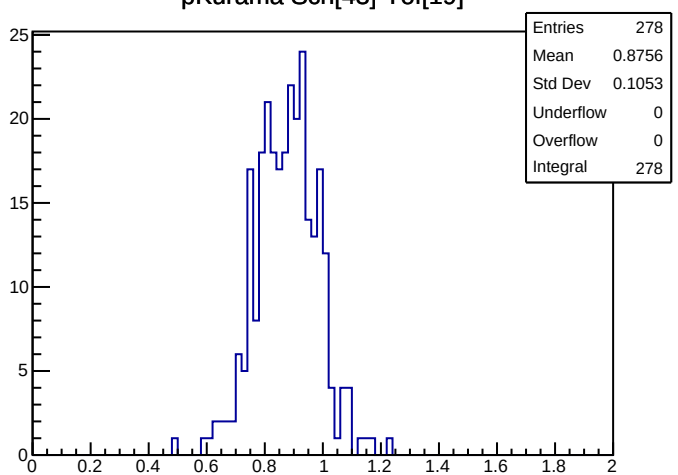

m2 Sch[43]-Tof[18]
Entries 144
Mean 0.745
Std Dev 0.2144
Underflow 6
Overflow 0
Integral 138

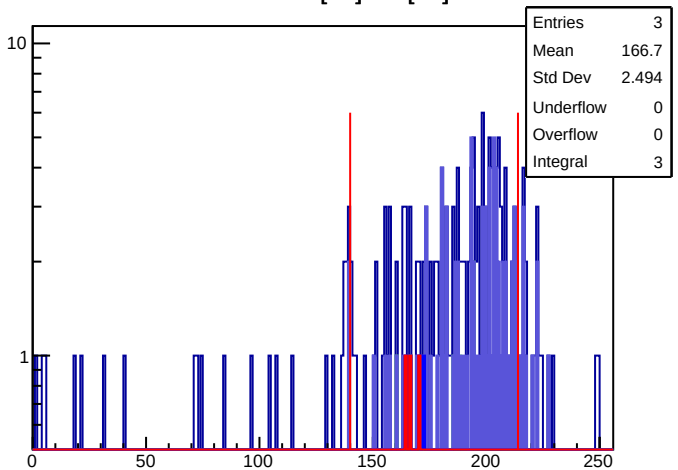

pKurama Sch[43]-Tof[18]
Entries 144
Mean 0.8416
Std Dev 0.1224
Underflow 0
Overflow 0
Integral 144

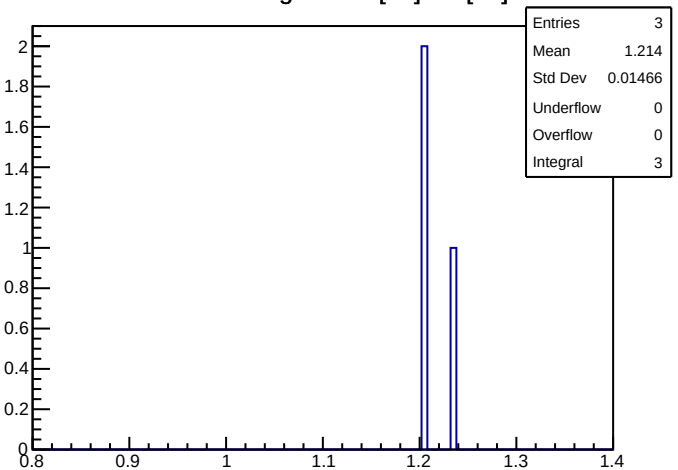

sftx all Sch[43]-Tof[19]
Entries 1
Mean 138
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

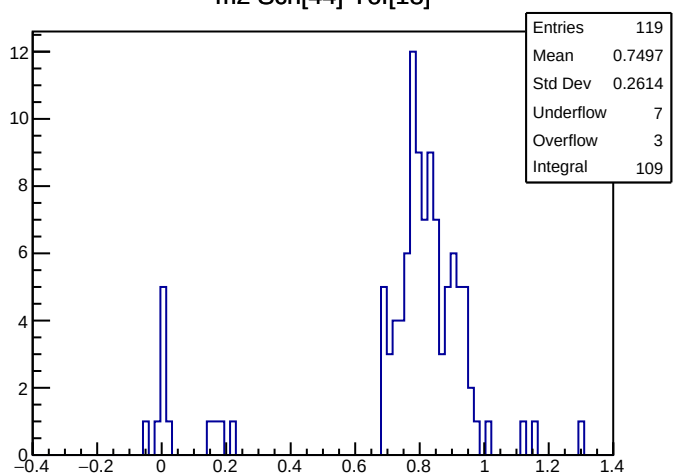

MissMass Sigma Sch[43]-Tof[19]
Entries 1
Mean 1.215
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

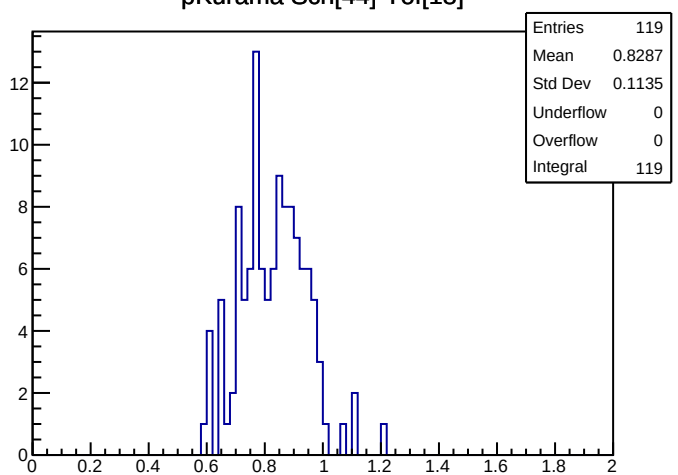

m2 Sch[43]-Tof[19]
Entries 278
Mean 0.772
Std Dev 0.1918
Underflow 6
Overflow 7
Integral 265
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

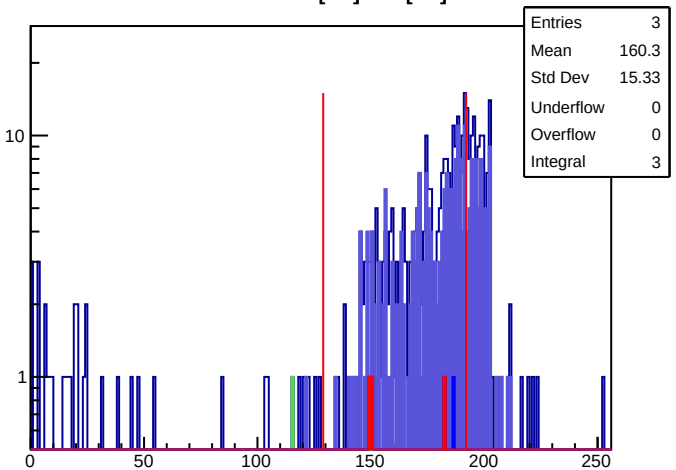

pKurama Sch[43]-Tof[19]
Entries 278
Mean 0.8756
Std Dev 0.1053
Underflow 0
Overflow 0
Integral 278
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

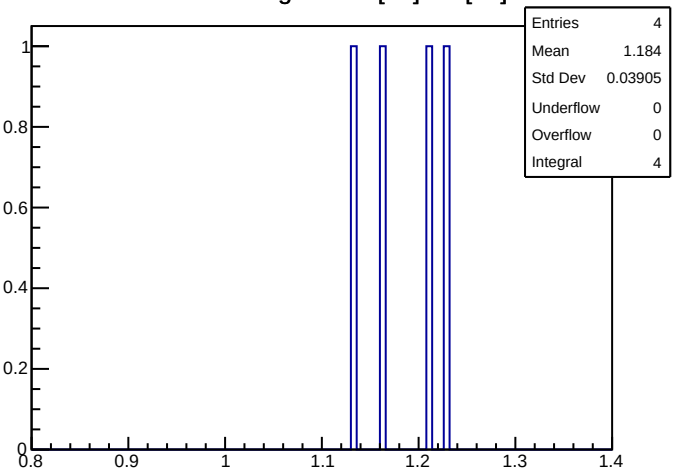

sftx all Sch[44]-Tof[18]
Entries 3
Mean 166.7
Std Dev 2.494
Underflow 0
Overflow 0
Integral 3

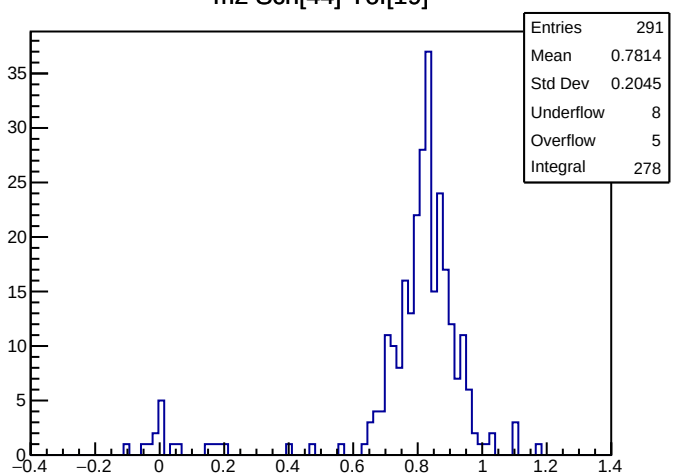

MissMass Sigma Sch[44]-Tof[18]
Entries 3
Mean 1.214
Std Dev 0.01466
Underflow 0
Overflow 0
Integral 3

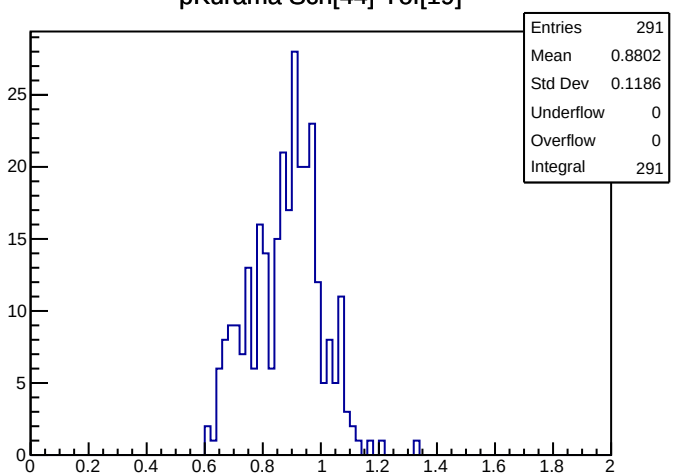

m2 Sch[44]-Tof[18]
Entries 119
Mean 0.7497
Std Dev 0.2614
Underflow 7
Overflow 3
Integral 109

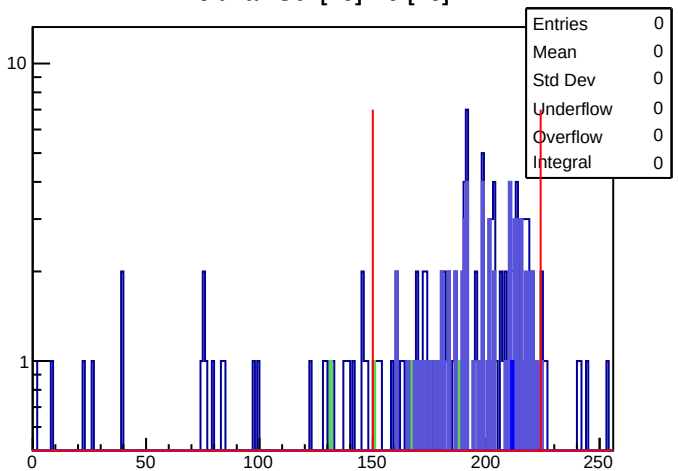

pKurama Sch[44]-Tof[18]
Entries 119
Mean 0.8287
Std Dev 0.1135
Underflow 0
Overflow 0
Integral 119

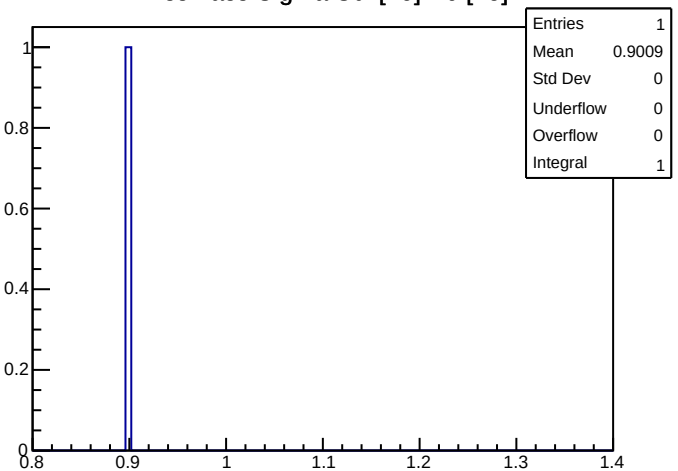

sftx all Sch[44]-Tof[19]
Entries 3
Mean 160.3
Std Dev 15.33
Underflow 0
Overflow 0
Integral 3

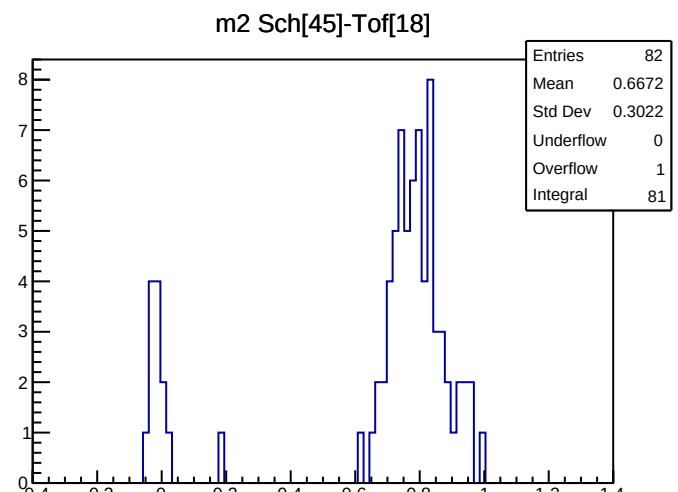

MissMass Sigma Sch[44]-Tof[19]
Entries 4
Mean 1.184
Std Dev 0.03905
Underflow 0
Overflow 0
Integral 4

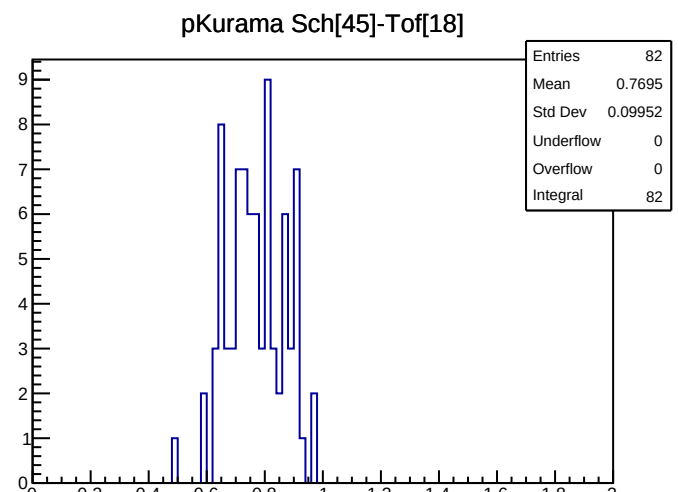

m2 Sch[44]-Tof[19]
Entries 291
Mean 0.7814
Std Dev 0.2045
Underflow 8
Overflow 5
Integral 278

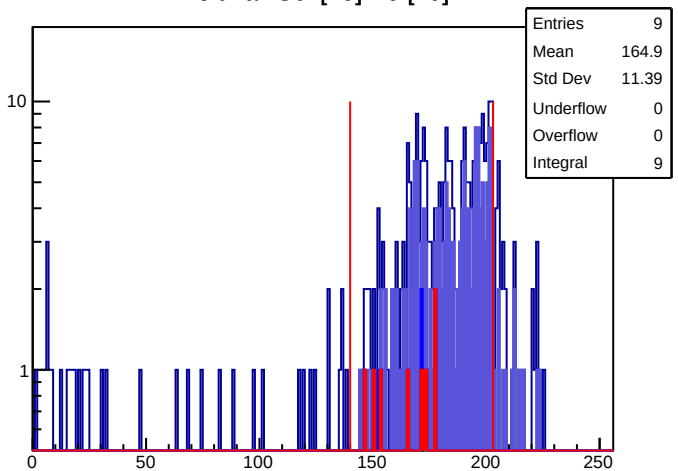

pKurama Sch[44]-Tof[19]
Entries 291
Mean 0.8802
Std Dev 0.1186
Underflow 0
Overflow 0
Integral 291

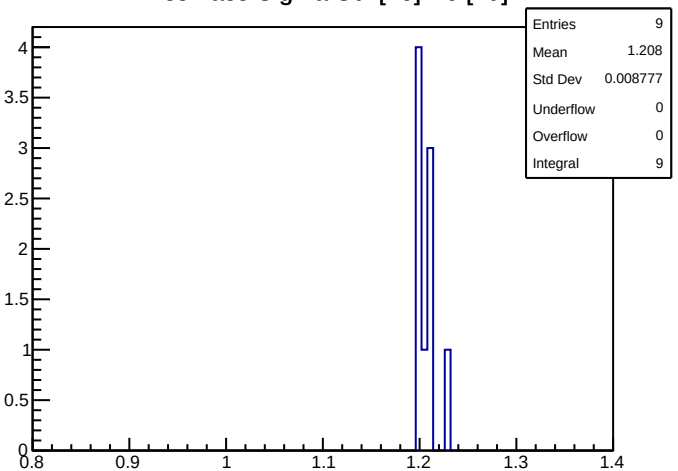

sftx all Sch[45]-Tof[18]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

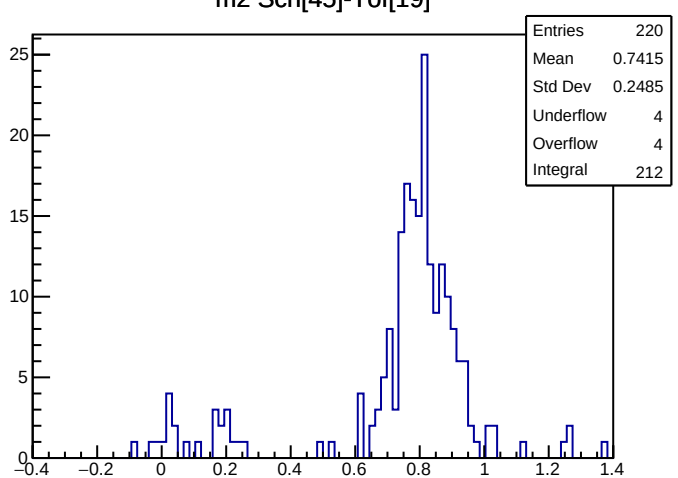

MissMass Sigma Sch[45]-Tof[18]
Entries 1
Mean 0.9009
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

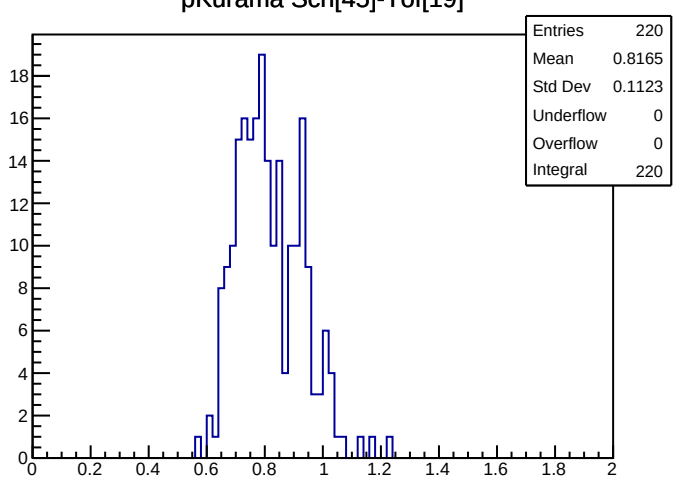

m2 Sch[45]-Tof[18]
Entries 82
Mean 0.6672
Std Dev 0.3022
Underflow 0
Overflow 1
Integral 81
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

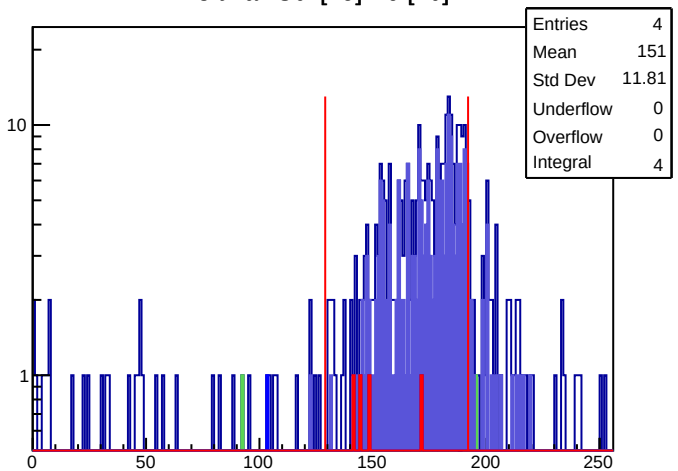

pKurama Sch[45]-Tof[18]
Entries 82
Mean 0.7695
Std Dev 0.09952
Underflow 0
Overflow 0
Integral 82
9
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

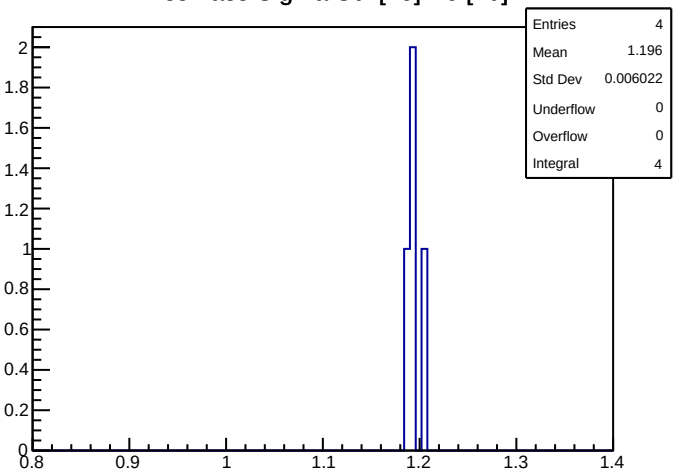

sftx all Sch[45]-Tof[19]
Entries 9
Mean 164.9
Std Dev 11.39
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

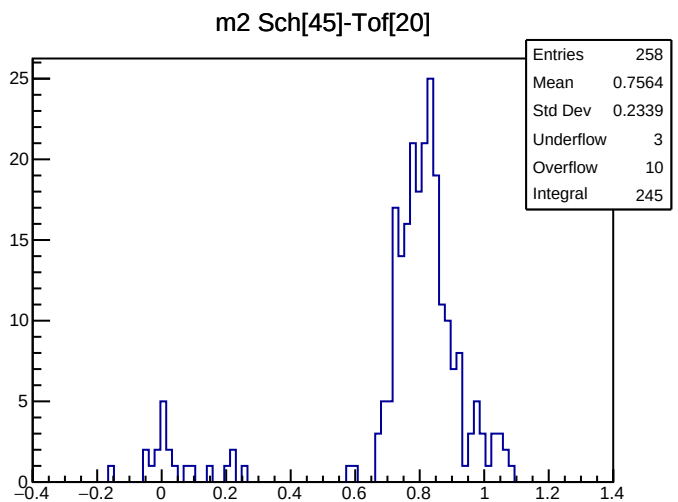

MissMass Sigma Sch[45]-Tof[19]
Entries 9
Mean 1.208
Std Dev 0.008777
Underflow 0
Overflow 0
Integral 9
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

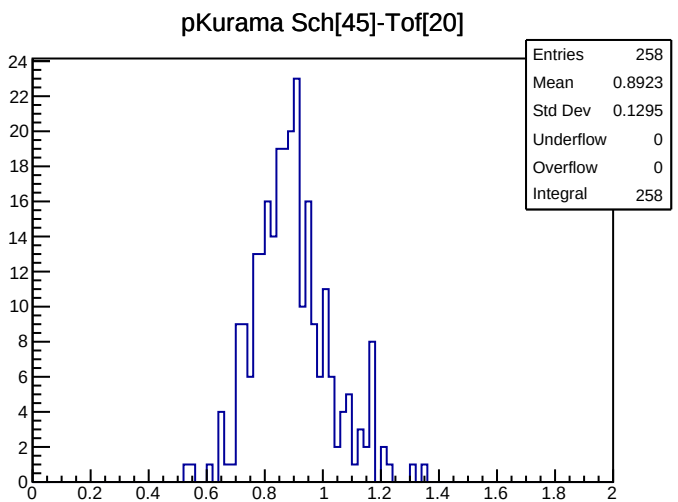

m2 Sch[45]-Tof[19]
Entries 220
Mean 0.7415
Std Dev 0.2485
Underflow 4
Overflow 4
Integral 212
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

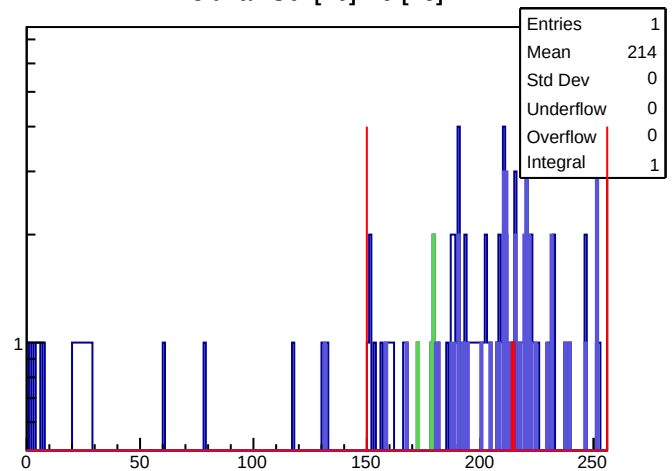

pKurama Sch[45]-Tof[19]
Entries 220
Mean 0.8165
Std Dev 0.1123
Underflow 0
Overflow 0
Integral 220
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

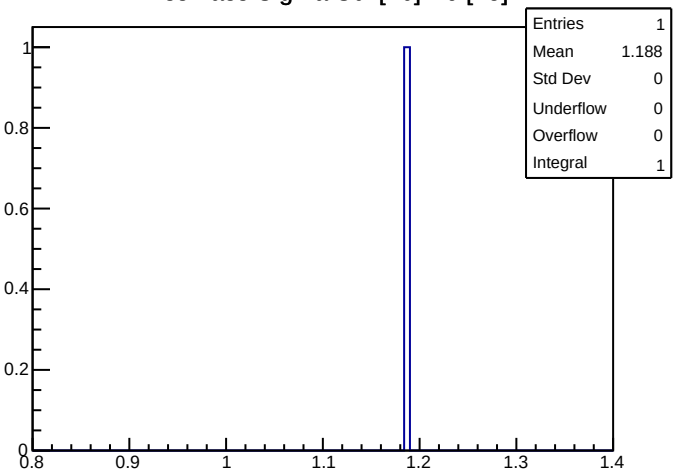

sftx all Sch[45]-Tof[20]
Entries 4
Mean 151
Std Dev 11.81
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

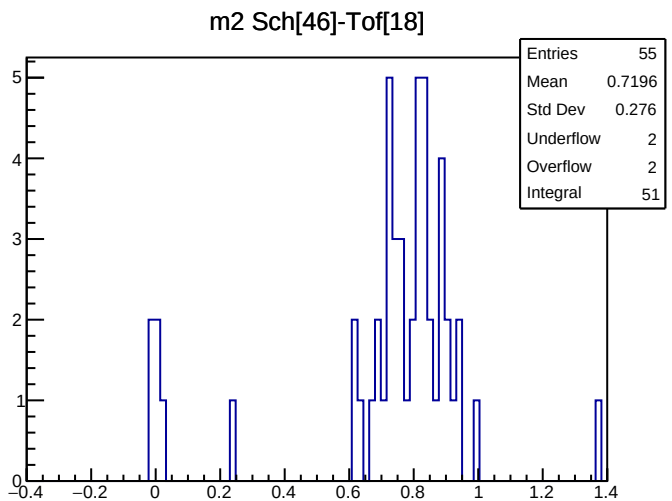

MissMass Sigma Sch[45]-Tof[20]
Entries 4
Mean 1.196
Std Dev 0.006022
Underflow 0
Overflow 0
Integral 4
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

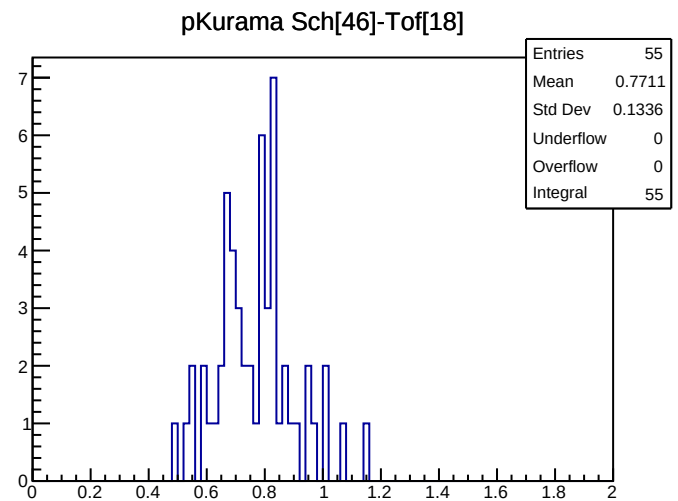

m2 Sch[45]-Tof[20]
Entries 258
Mean 0.7564
Std Dev 0.2339
Underflow 3
Overflow 10
Integral 245
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

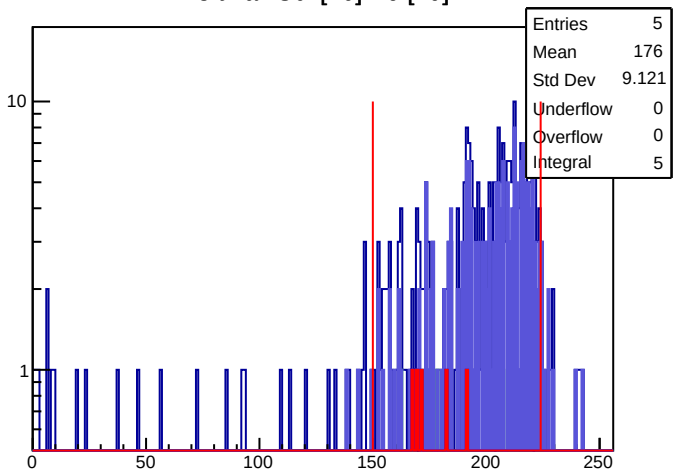

pKurama Sch[45]-Tof[20]
Entries 258
Mean 0.8923
Std Dev 0.1295
Underflow 0
Overflow 0
Integral 258
24
22
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

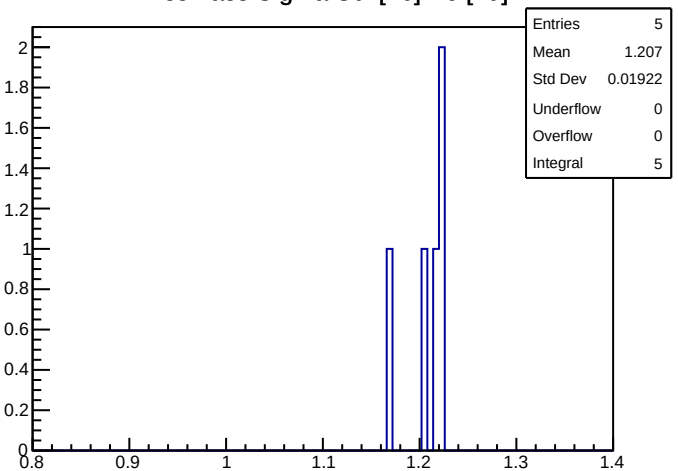

sftx all Sch[46]-Tof[18]
Entries 1
Mean 214
Std Dev 0
Underflow 0
Overflow 0
Integral 1

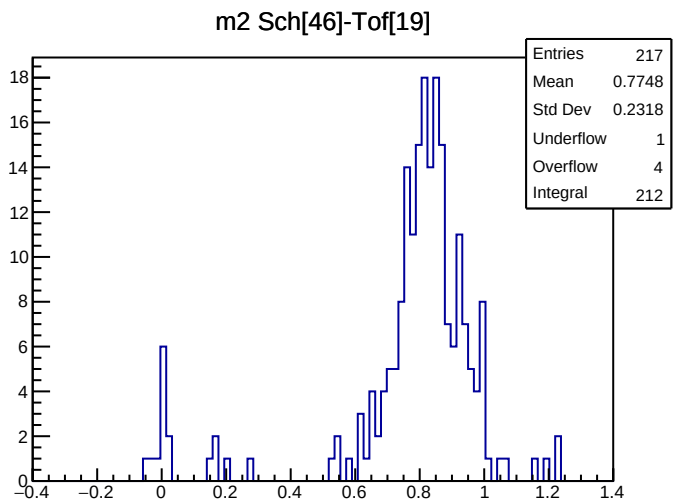

MissMass Sigma Sch[46]-Tof[18]
Entries 1
Mean 1.188
Std Dev 0
Underflow 0
Overflow 0
Integral 1

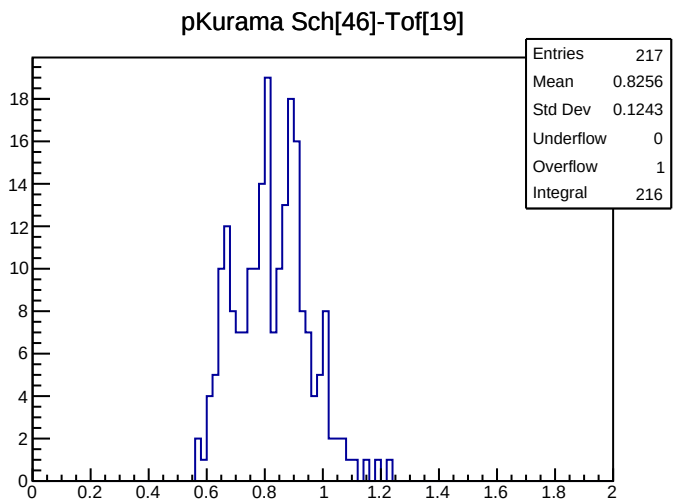

m2 Sch[46]-Tof[18]
Entries 55
Mean 0.7196
Std Dev 0.276
Underflow 2
Overflow 2
Integral 51

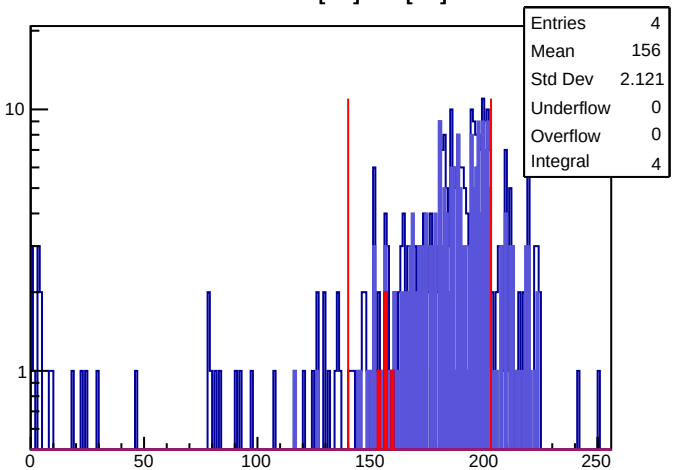

pKurama Sch[46]-Tof[18]
Entries 55
Mean 0.7711
Std Dev 0.1336
Underflow 0
Overflow 0
Integral 55

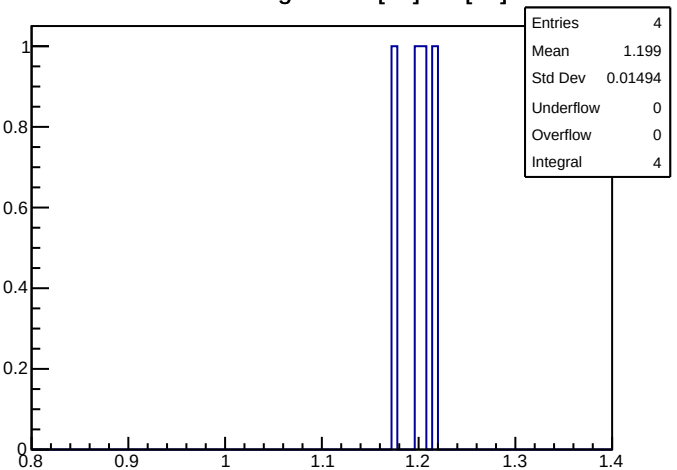

sftx all Sch[46]-Tof[19]
Entries 5
Mean 176
Std Dev 9.121
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

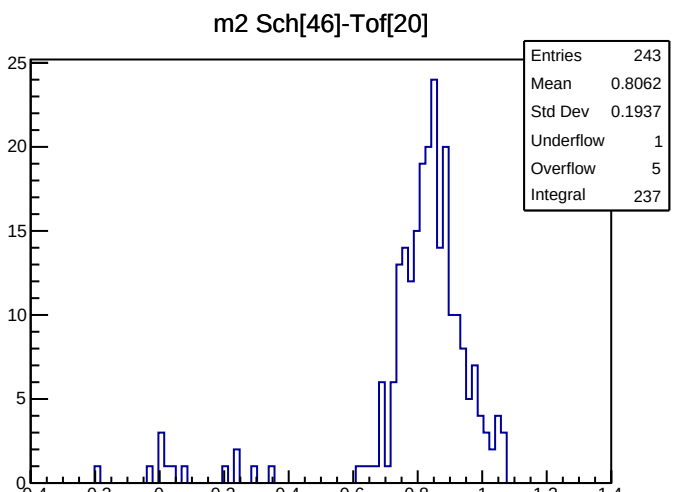

MissMass Sigma Sch[46]-Tof[19]
Entries 5
Mean 1.207
Std Dev 0.01922
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

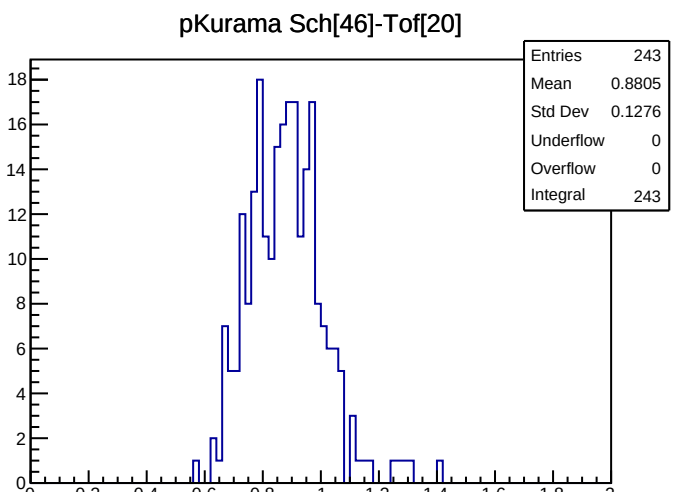

m2 Sch[46]-Tof[19]
Entries 217
Mean 0.7748
Std Dev 0.2318
Underflow 1
Overflow 4
Integral 212
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

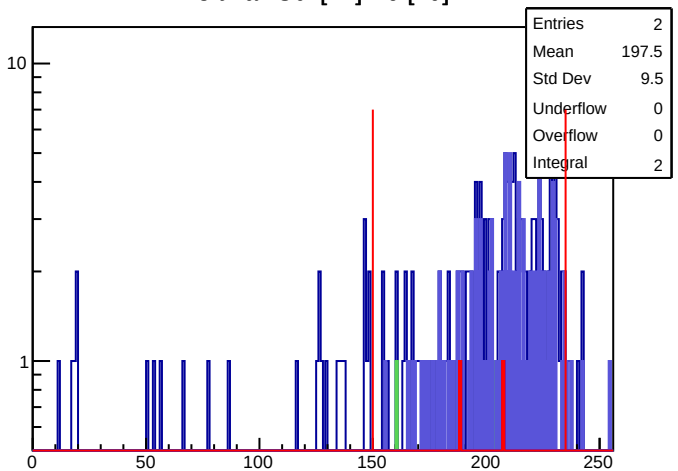

pKurama Sch[46]-Tof[19]
Entries 217
Mean 0.8256
Std Dev 0.1243
Underflow 0
Overflow 1
Integral 216
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

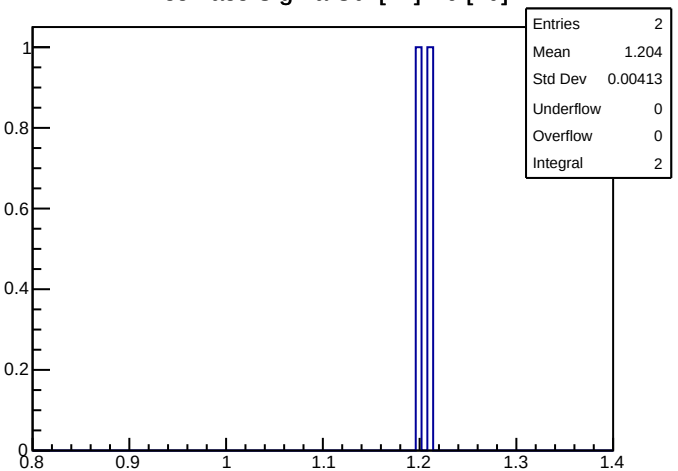

sftx all Sch[46]-Tof[20]
Entries 4
Mean 156
Std Dev 2.121
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

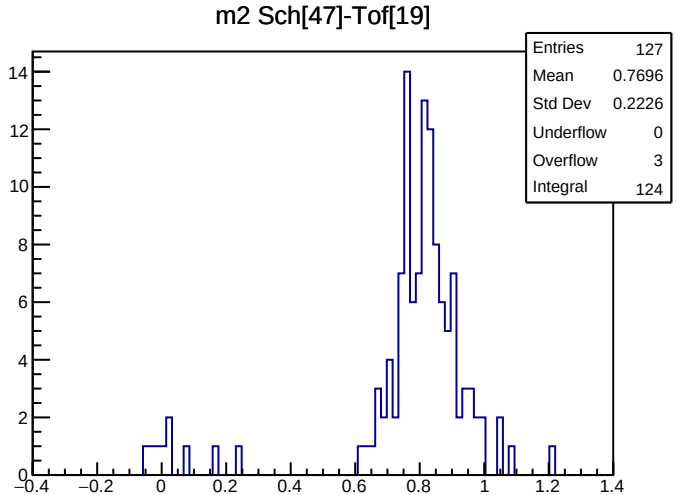

MissMass Sigma Sch[46]-Tof[20]
Entries 4
Mean 1.199
Std Dev 0.01494
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

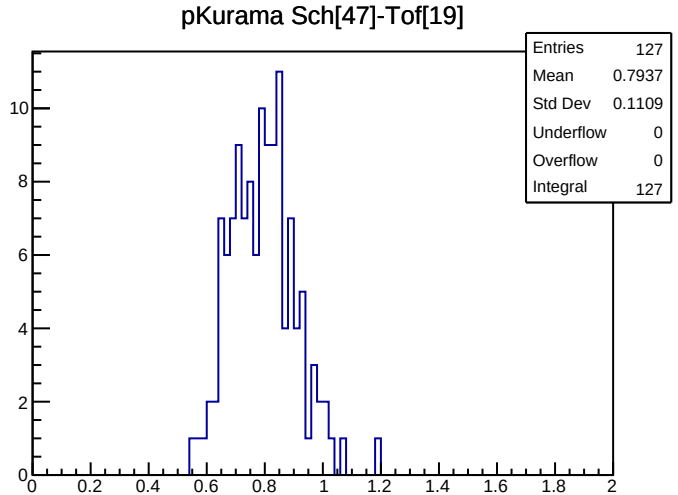

m2 Sch[46]-Tof[20]
Entries 243
Mean 0.8062
Std Dev 0.1937
Underflow 1
Overflow 5
Integral 237
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

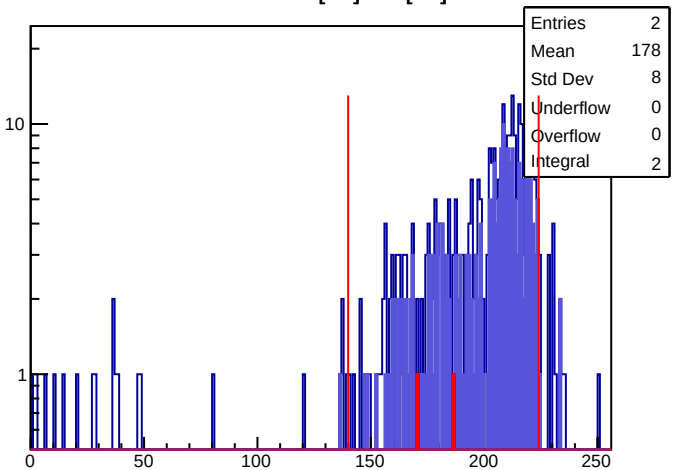

pKurama Sch[46]-Tof[20]
Entries 243
Mean 0.8805
Std Dev 0.1276
Underflow 0
Overflow 0
Integral 243
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

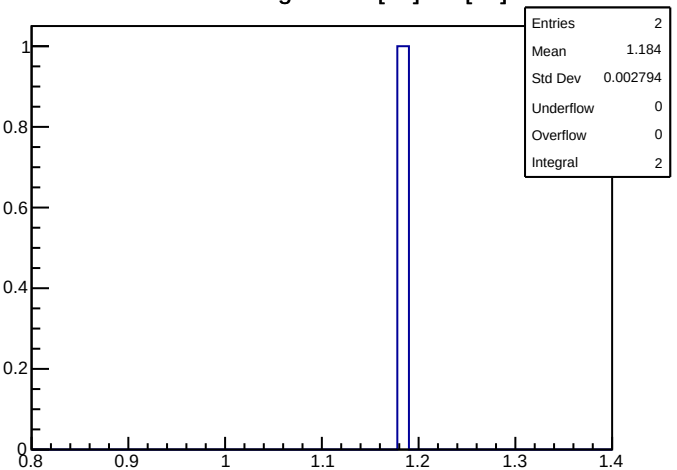

sftx all Sch[47]-Tof[19]
Entries 2
Mean 197.5
Std Dev 9.5
Underflow 0
Overflow 0
Integral 2

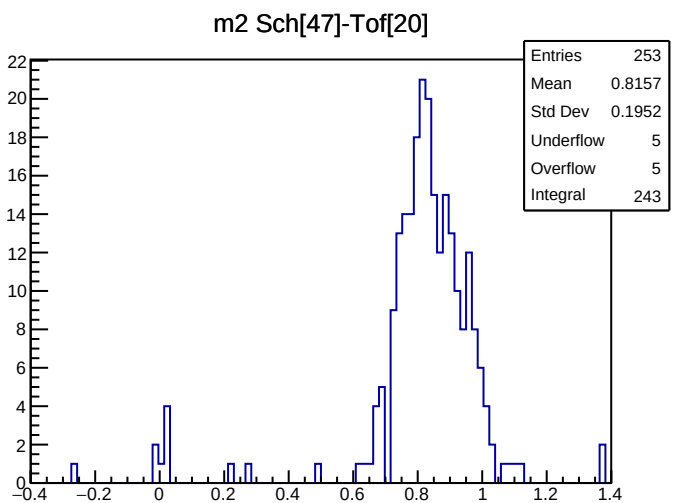

MissMass Sigma Sch[47]-Tof[19]
Entries 2
Mean 1.204
Std Dev 0.00413
Underflow 0
Overflow 0
Integral 2

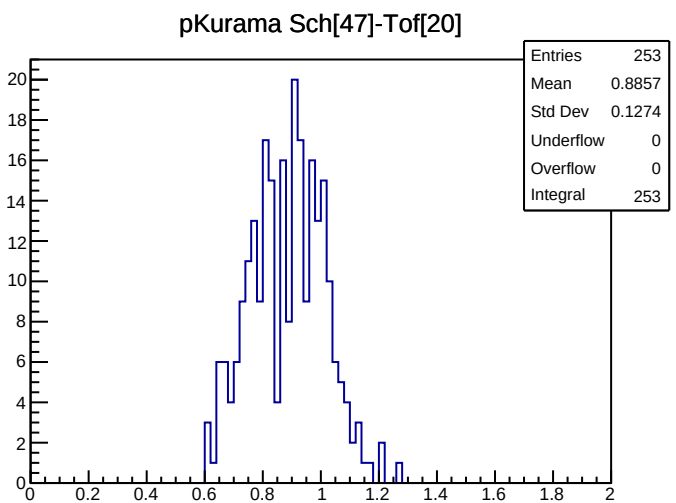

m2 Sch[47]-Tof[19]
Entries 127
Mean 0.7696
Std Dev 0.2226
Underflow 0
Overflow 3
Integral 124

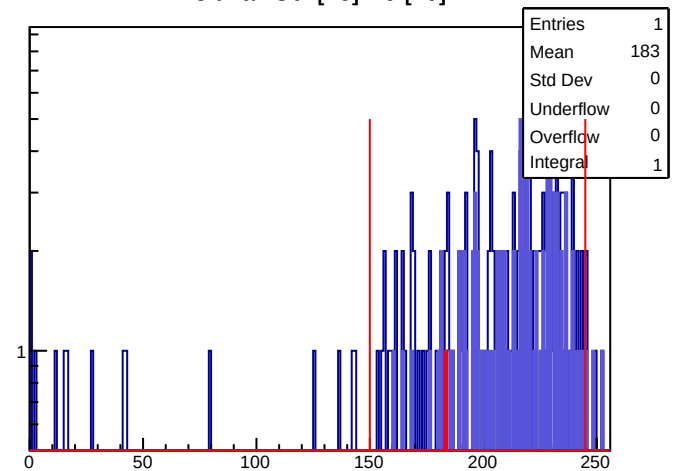

pKurama Sch[47]-Tof[19]
Entries 127
Mean 0.7937
Std Dev 0.1109
Underflow 0
Overflow 0
Integral 127

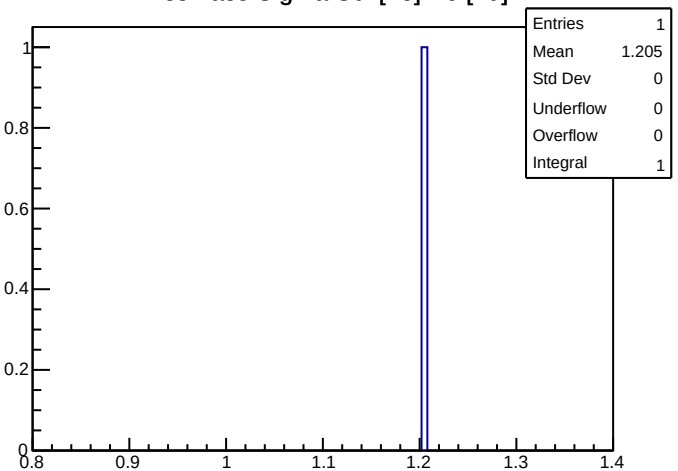

sftx all Sch[47]-Tof[20]
Entries 2
Mean 178
Std Dev 8
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

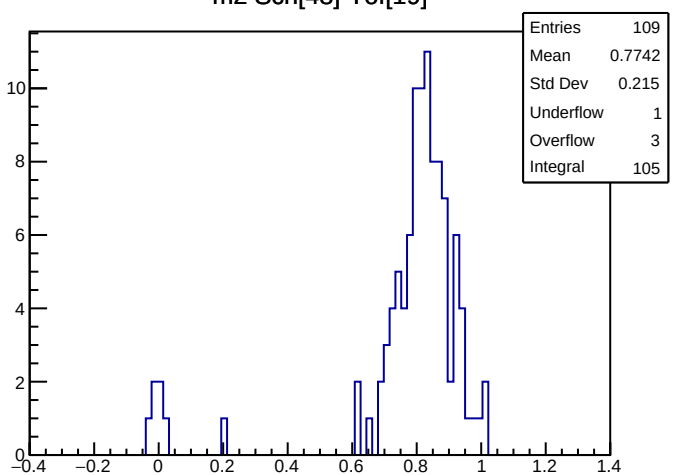

MissMass Sigma Sch[47]-Tof[20]
Entries 2
Mean 1.184
Std Dev 0.002794
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

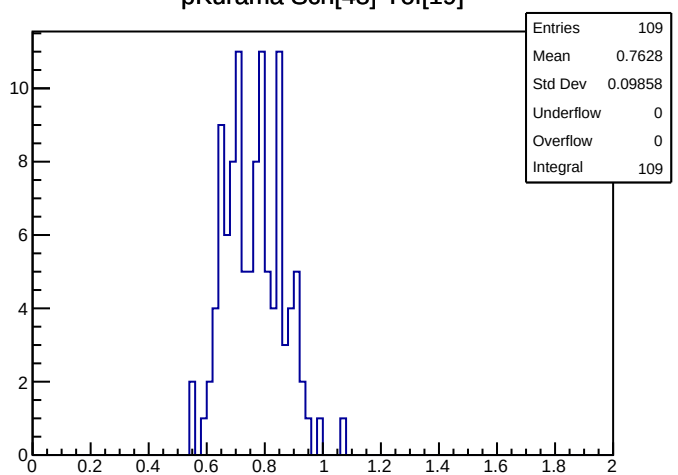

m2 Sch[47]-Tof[20]
Entries 253
Mean 0.8157
Std Dev 0.1952
Underflow 5
Overflow 5
Integral 243
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

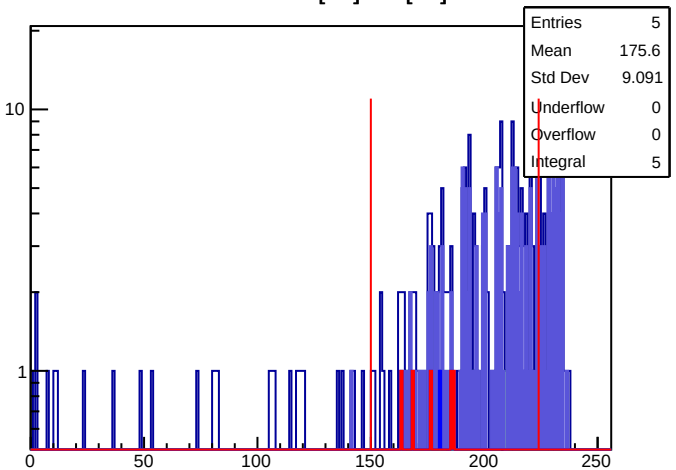

pKurama Sch[47]-Tof[20]
Entries 253
Mean 0.8857
Std Dev 0.1274
Underflow 0
Overflow 0
Integral 253
20
18
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

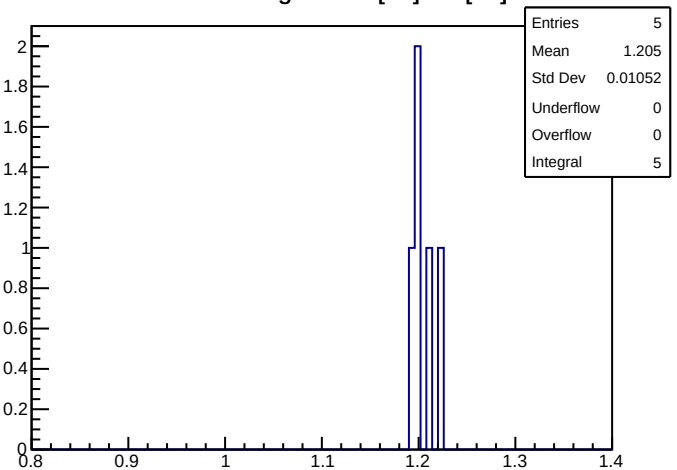

sftx all Sch[48]-Tof[19]
Entries 1
Mean 183
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

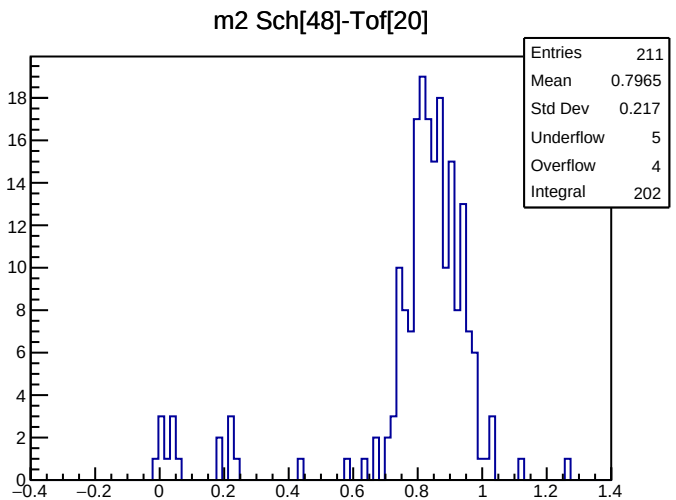

MissMass Sigma Sch[48]-Tof[19]
Entries 1
Mean 1.205
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

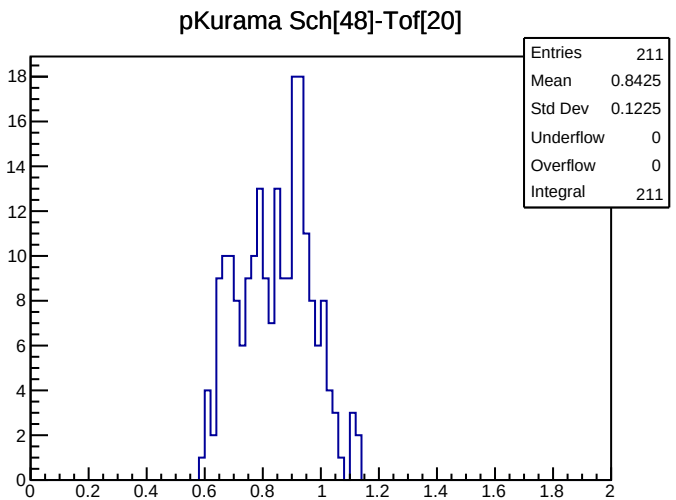

m2 Sch[48]-Tof[19]
Entries 109
Mean 0.7742
Std Dev 0.215
Underflow 1
Overflow 3
Integral 105
0
2
4
6
8
10
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

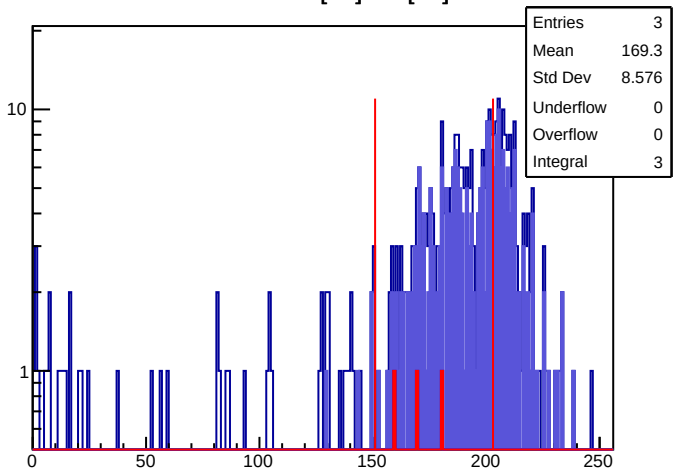

pKurama Sch[48]-Tof[19]
Entries 109
Mean 0.7628
Std Dev 0.09858
Underflow 0
Overflow 0
Integral 109
0
2
4
6
8
10
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

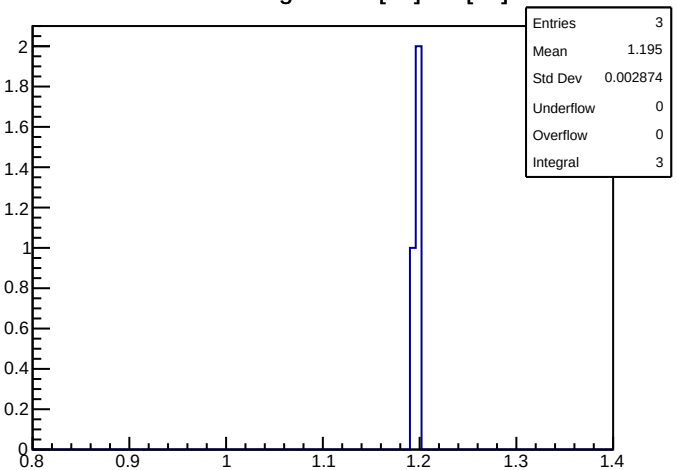

sftx all Sch[48]-Tof[20]
Entries 5
Mean 175.6
Std Dev 9.091
Underflow 0
Overflow 0
Integral 5

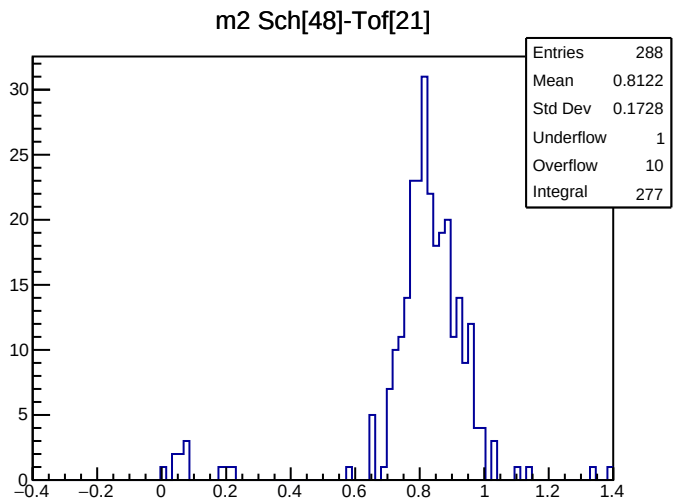

MissMass Sigma Sch[48]-Tof[20]
Entries 5
Mean 1.205
Std Dev 0.01052
Underflow 0
Overflow 0
Integral 5

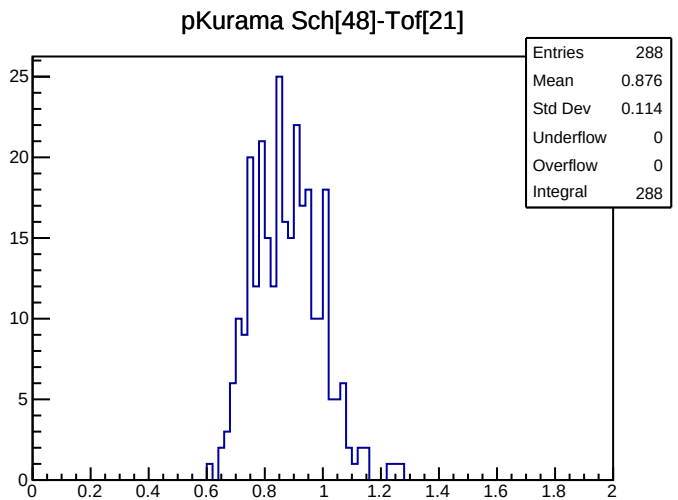

m2 Sch[48]-Tof[20]
Entries 211
Mean 0.7965
Std Dev 0.217
Underflow 5
Overflow 4
Integral 202

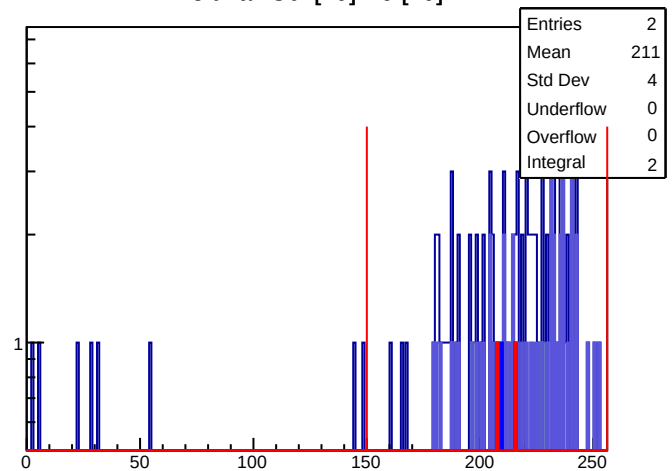

pKurama Sch[48]-Tof[20]
Entries 211
Mean 0.8425
Std Dev 0.1225
Underflow 0
Overflow 0
Integral 211

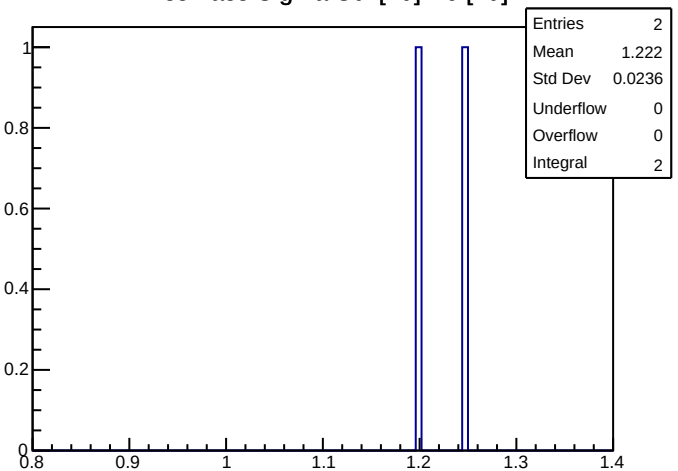

sftx all Sch[48]-Tof[21]
Entries 3
Mean 169.3
Std Dev 8.576
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

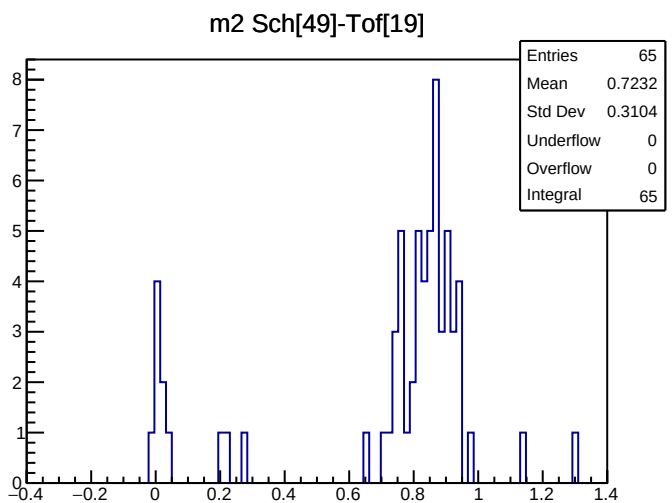

MissMass Sigma Sch[48]-Tof[21]
Entries 3
Mean 1.195
Std Dev 0.002874
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

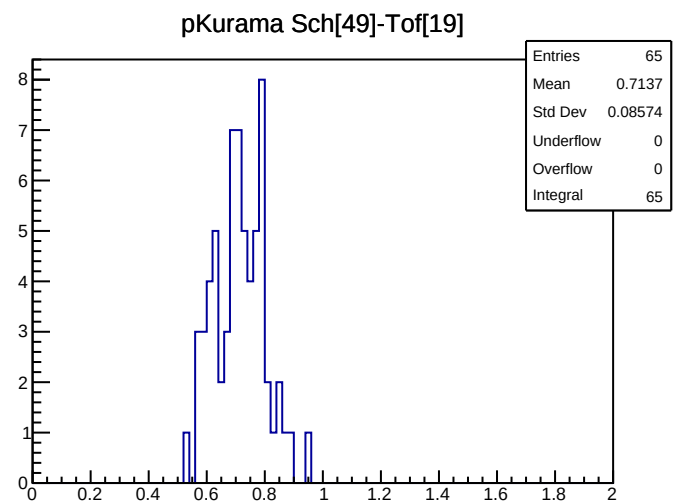

m2 Sch[48]-Tof[21]
Entries 288
Mean 0.8122
Std Dev 0.1728
Underflow 1
Overflow 10
Integral 277
30
25
20
15
10
5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

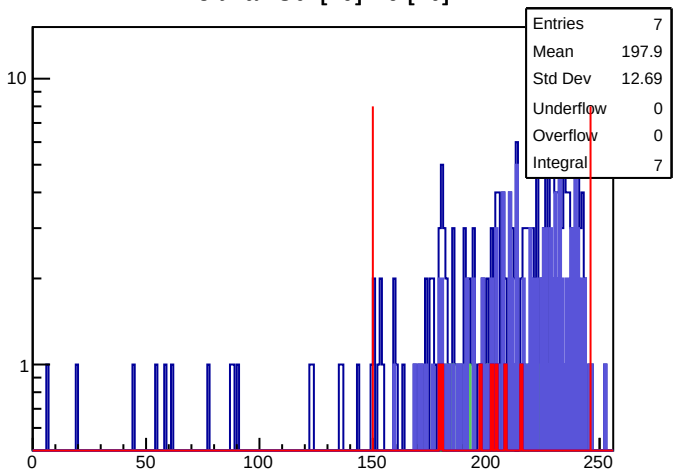

pKurama Sch[48]-Tof[21]
Entries 288
Mean 0.876
Std Dev 0.114
Underflow 0
Overflow 0
Integral 288
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

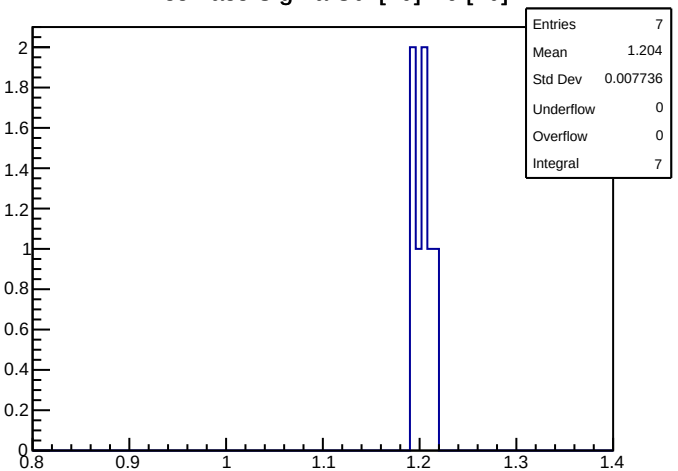

sftx all Sch[49]-Tof[19]
Entries 2
Mean 211
Std Dev 4
Underflow 0
Overflow 0
Integral 2
1
0
50
100
150
200
250

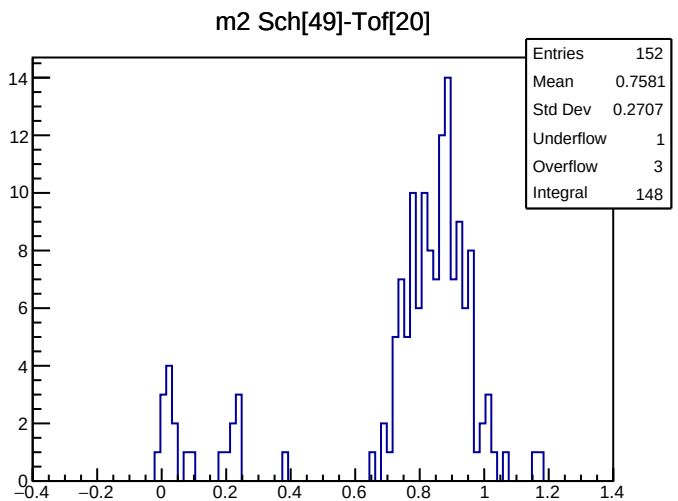

MissMass Sigma Sch[49]-Tof[19]
Entries 2
Mean 1.222
Std Dev 0.0236
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

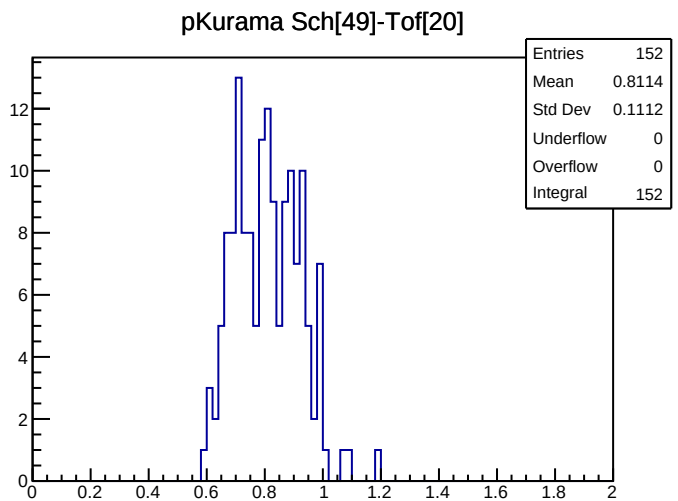

m2 Sch[49]-Tof[19]
Entries 65
Mean 0.7232
Std Dev 0.3104
Underflow 0
Overflow 0
Integral 65
8
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

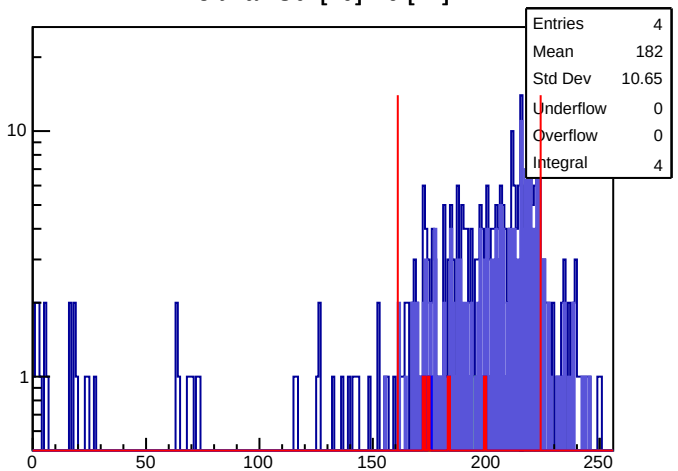

pKurama Sch[49]-Tof[19]
Entries 65
Mean 0.7137
Std Dev 0.08574
Underflow 0
Overflow 0
Integral 65
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

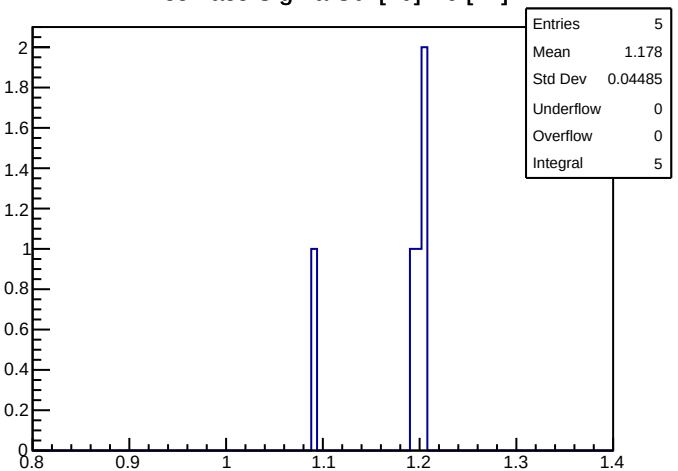

sftx all Sch[49]-Tof[20]
Entries 7
Mean 197.9
Std Dev 12.69
Underflow 0
Overflow 0
Integral 7

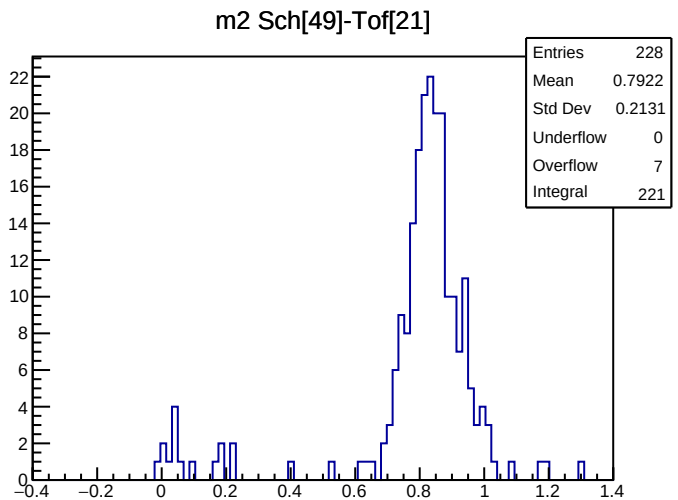

MissMass Sigma Sch[49]-Tof[20]
Entries 7
Mean 1.204
Std Dev 0.007736
Underflow 0
Overflow 0
Integral 7

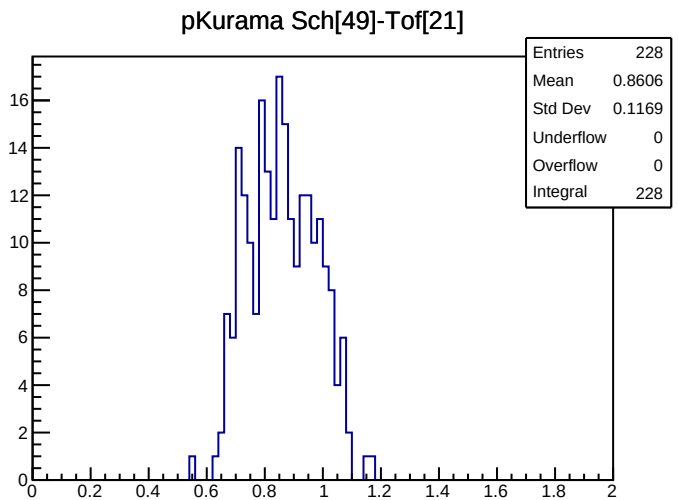

m2 Sch[49]-Tof[20]
Entries 152
Mean 0.7581
Std Dev 0.2707
Underflow 1
Overflow 3
Integral 148

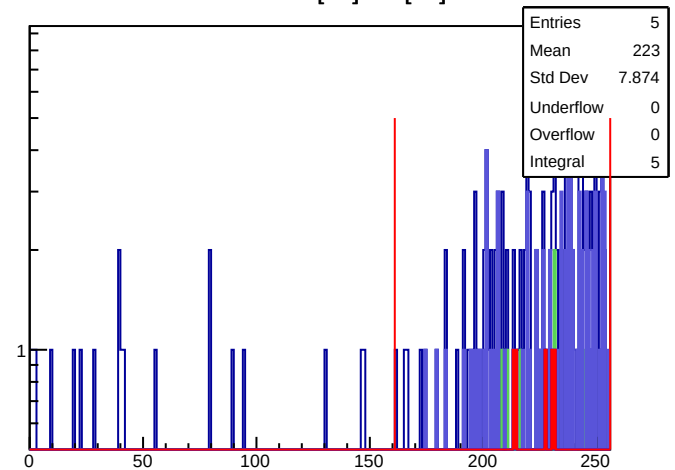

pKurama Sch[49]-Tof[20]
Entries 152
Mean 0.8114
Std Dev 0.1112
Underflow 0
Overflow 0
Integral 152

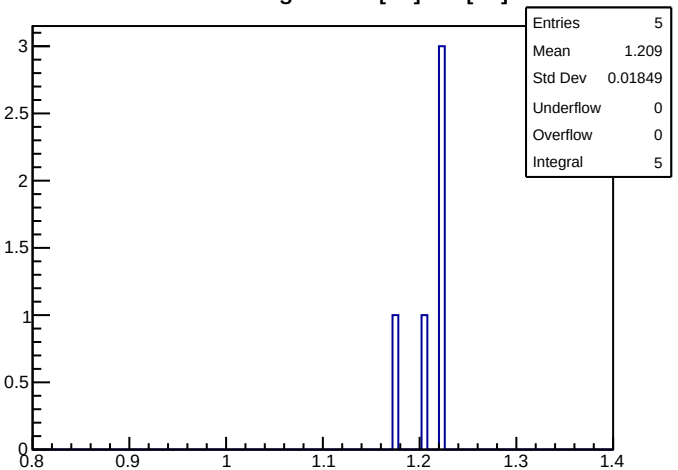

sftx all Sch[49]-Tof[21]
Entries 4
Mean 182
Std Dev 10.65
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

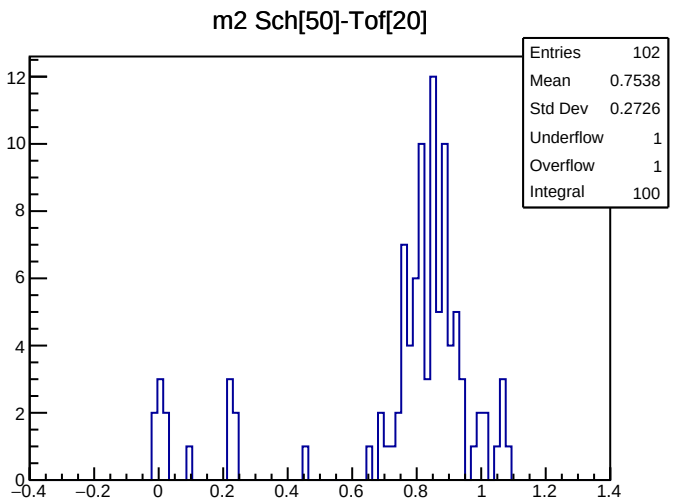

MissMass Sigma Sch[49]-Tof[21]
Entries 5
Mean 1.178
Std Dev 0.04485
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

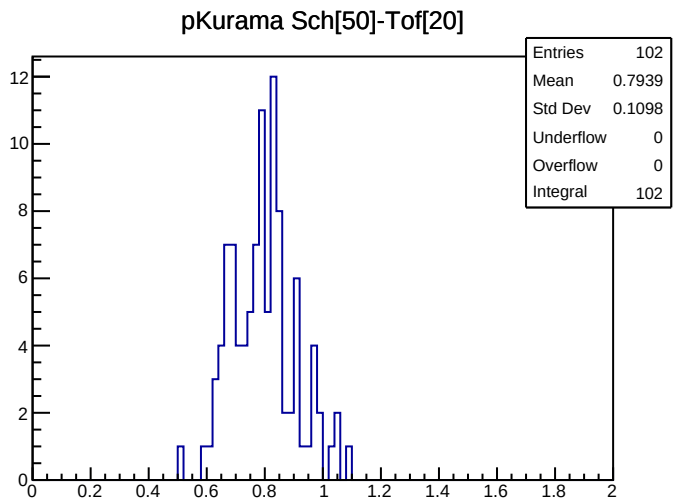

m2 Sch[49]-Tof[21]
Entries 228
Mean 0.7922
Std Dev 0.2131
Underflow 0
Overflow 7
Integral 221
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

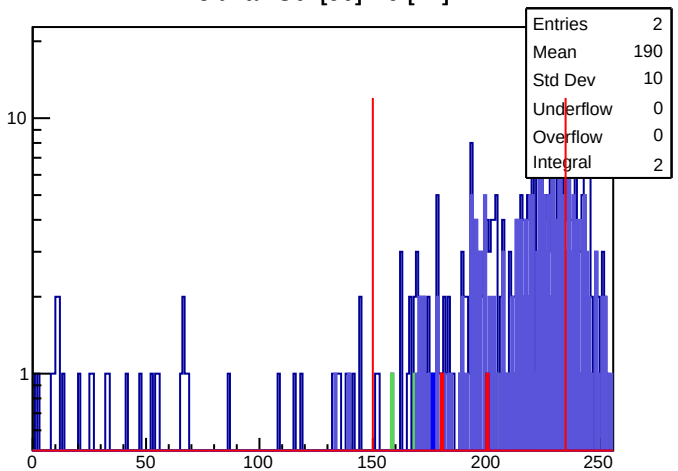

pKurama Sch[49]-Tof[21]
Entries 228
Mean 0.8606
Std Dev 0.1169
Underflow 0
Overflow 0
Integral 228
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

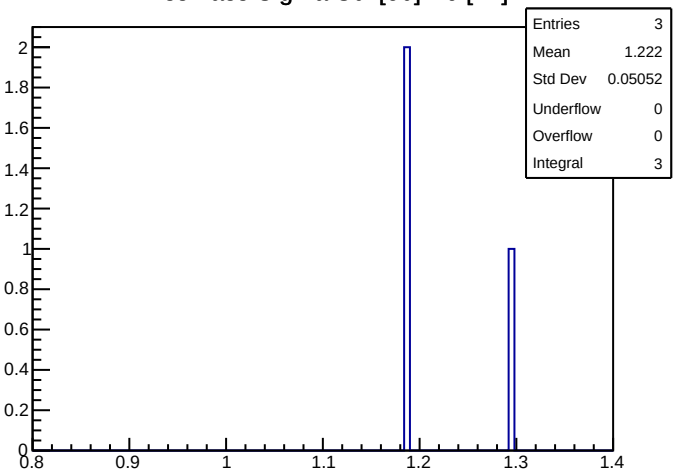

sftx all Sch[50]-Tof[20]
Entries 5
Mean 223
Std Dev 7.874
Underflow 0
Overflow 0
Integral 5
0
50
100
150
200
250
1

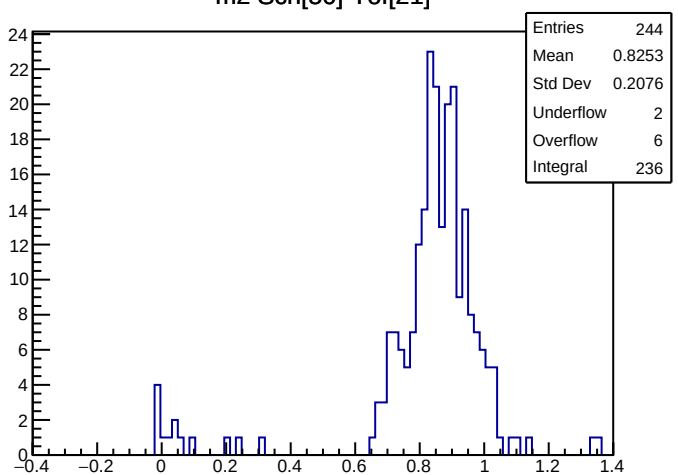

MissMass Sigma Sch[50]-Tof[20]
Entries 5
Mean 1.209
Std Dev 0.01849
Underflow 0
Overflow 0
Integral 5
0
0.5
1
1.5
2
2.5
3
0.8
0.9
1
1.1
1.2
1.3
1.4

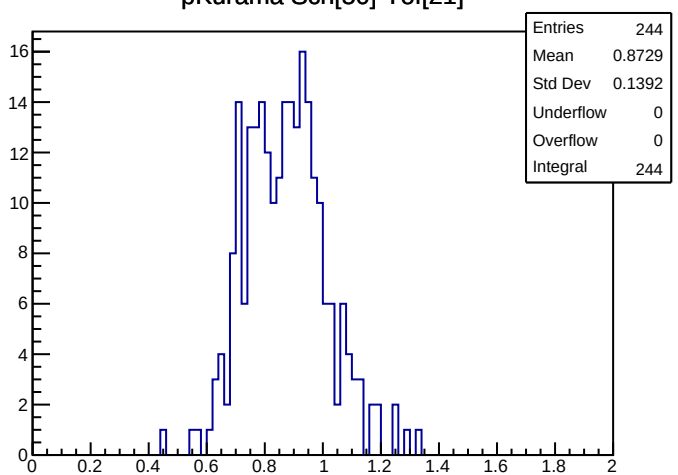

m2 Sch[50]-Tof[20]
Entries 102
Mean 0.7538
Std Dev 0.2726
Underflow 1
Overflow 1
Integral 100
0
2
4
6
8
10
12
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

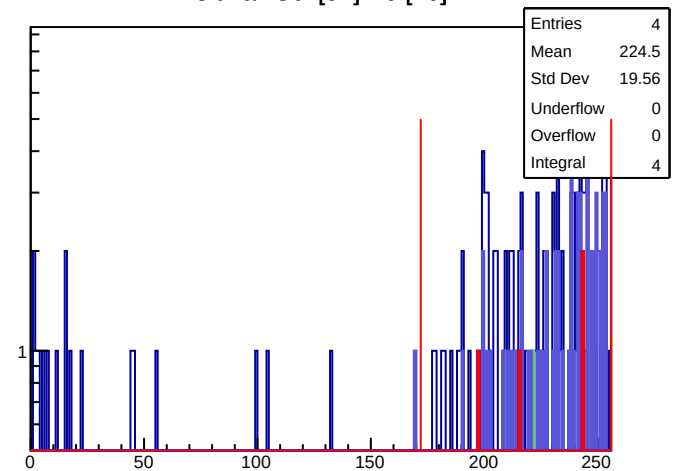

pKurama Sch[50]-Tof[20]
Entries 102
Mean 0.7939
Std Dev 0.1098
Underflow 0
Overflow 0
Integral 102
0
2
4
6
8
10
12
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

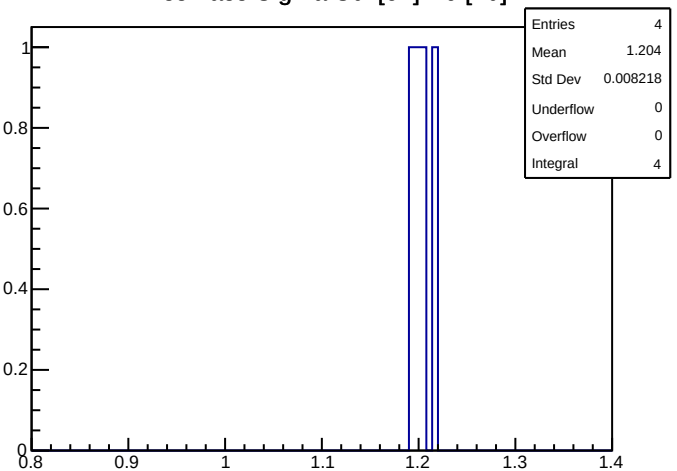

sftx all Sch[50]-Tof[21]
Entries 2
Mean 190
Std Dev 10
Underflow 0
Overflow 0
Integral 2

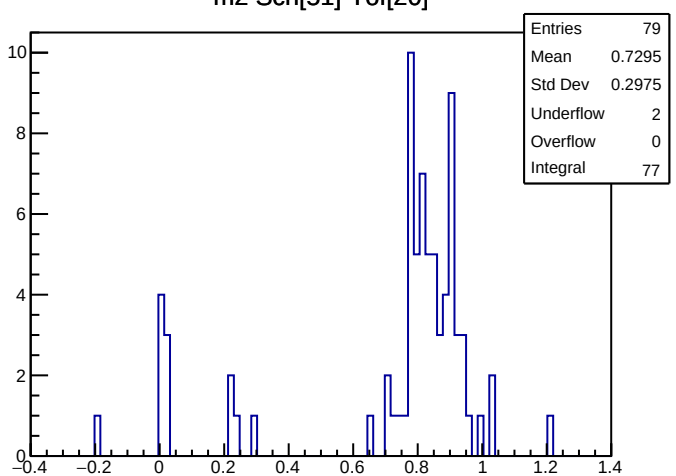

MissMass Sigma Sch[50]-Tof[21]
Entries 3
Mean 1.222
Std Dev 0.05052
Underflow 0
Overflow 0
Integral 3

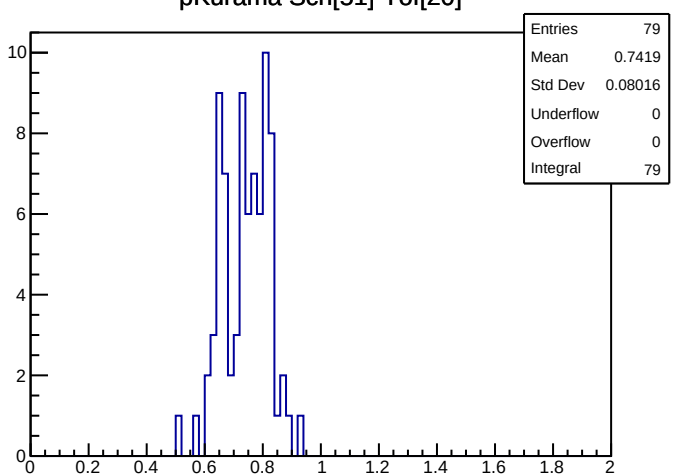

m2 Sch[50]-Tof[21]
Entries 244
Mean 0.8253
Std Dev 0.2076
Underflow 2
Overflow 6
Integral 236

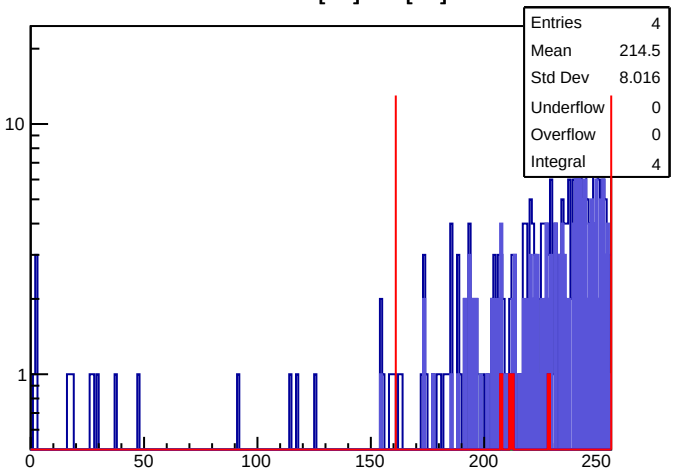

pKurama Sch[50]-Tof[21]
Entries 244
Mean 0.8729
Std Dev 0.1392
Underflow 0
Overflow 0
Integral 244

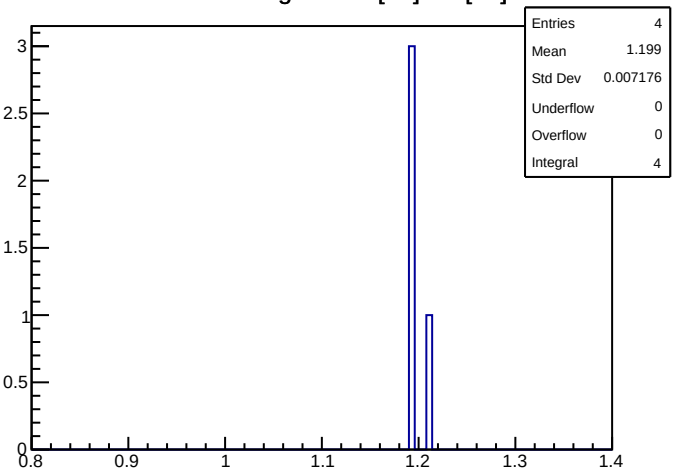

sftx all Sch[51]-Tof[20]
Entries 4
Mean 224.5
Std Dev 19.56
Underflow 0
Overflow 0
Integral 4
0
50
100
150
200
250
1

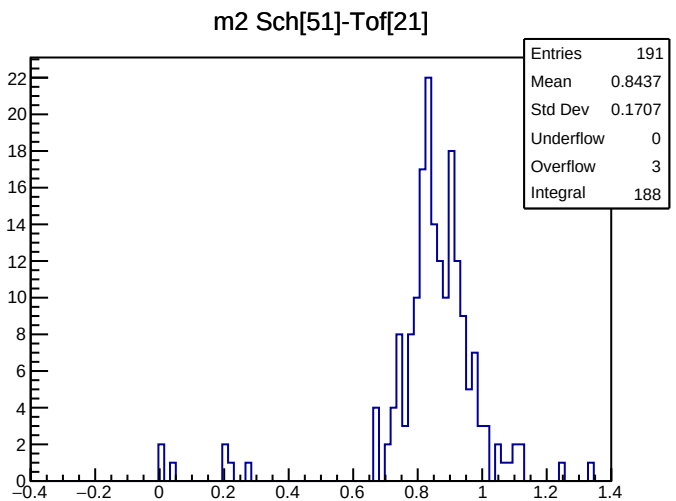

MissMass Sigma Sch[51]-Tof[20]
Entries 4
Mean 1.204
Std Dev 0.008218
Underflow 0
Overflow 0
Integral 4
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

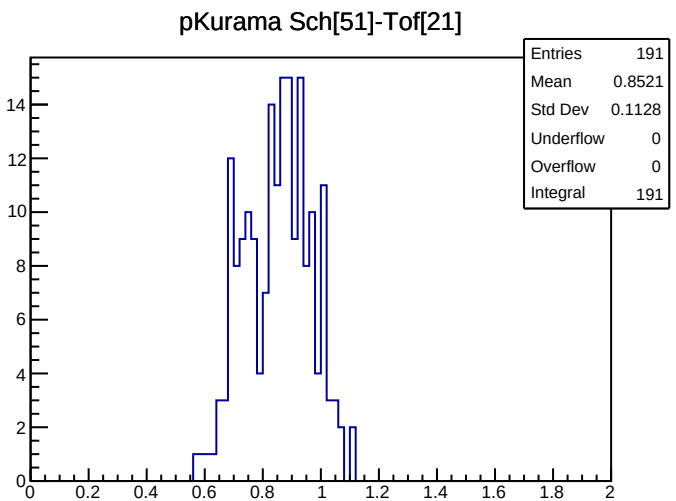

m2 Sch[51]-Tof[20]
Entries 79
Mean 0.7295
Std Dev 0.2975
Underflow 2
Overflow 0
Integral 77
0
2
4
6
8
10
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

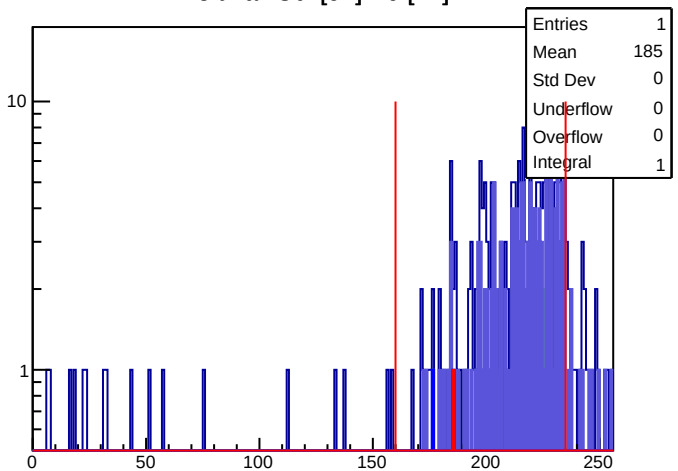

pKurama Sch[51]-Tof[20]
Entries 79
Mean 0.7419
Std Dev 0.08016
Underflow 0
Overflow 0
Integral 79
0
2
4
6
8
10
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

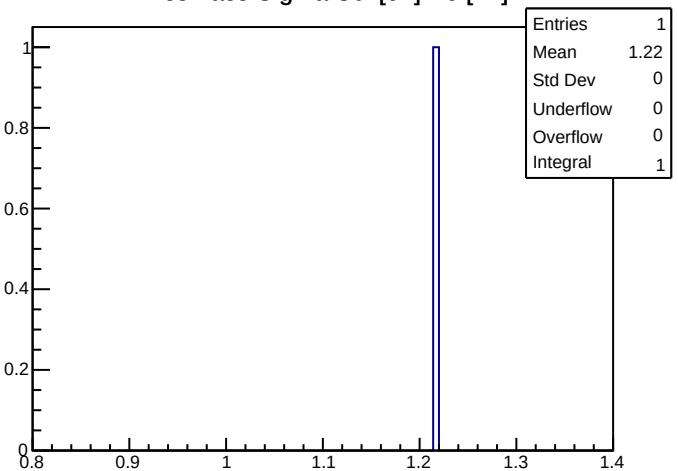

sftx all Sch[51]-Tof[21]
Entries 4
Mean 214.5
Std Dev 8.016
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

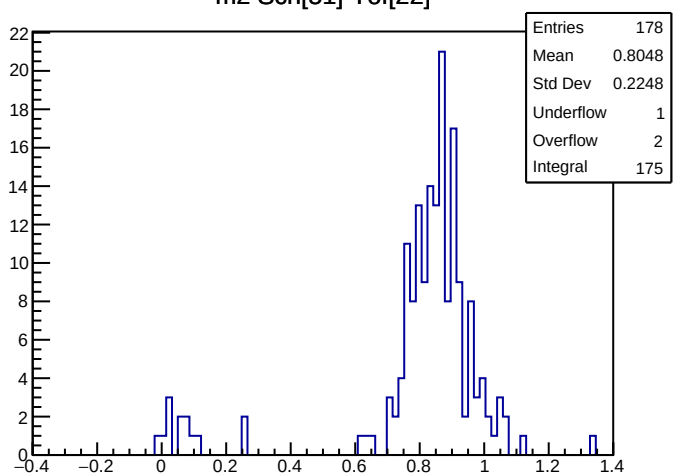

MissMass Sigma Sch[51]-Tof[21]
Entries 4
Mean 1.199
Std Dev 0.007176
Underflow 0
Overflow 0
Integral 4
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

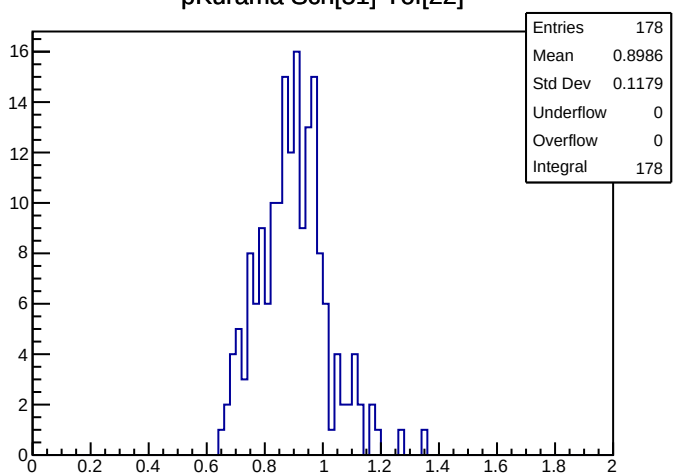

m2 Sch[51]-Tof[21]
Entries 191
Mean 0.8437
Std Dev 0.1707
Underflow 0
Overflow 3
Integral 188
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

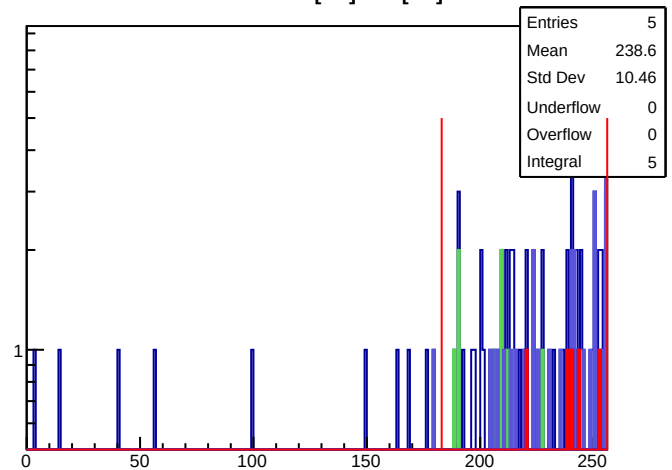

pKurama Sch[51]-Tof[21]
Entries 191
Mean 0.8521
Std Dev 0.1128
Underflow 0
Overflow 0
Integral 191
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

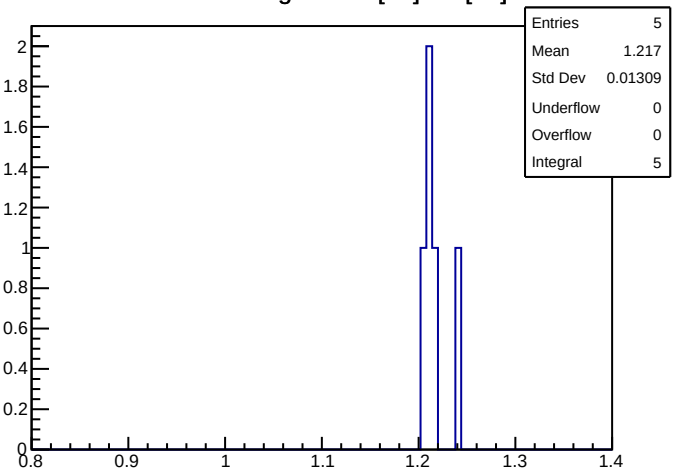

sftx all Sch[51]-Tof[22]
Entries 1
Mean 185
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

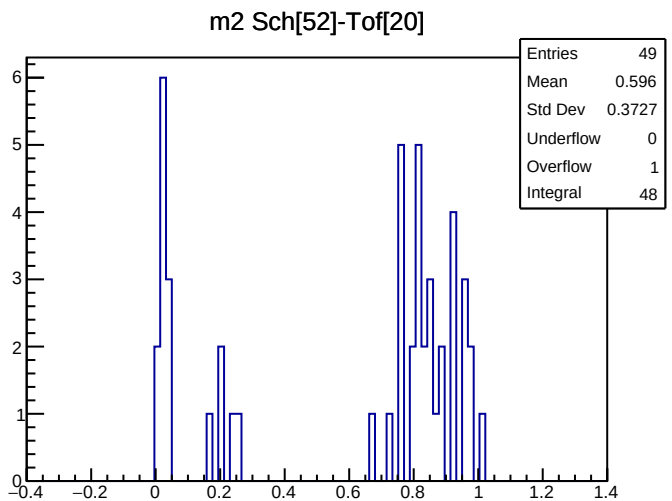

MissMass Sigma Sch[51]-Tof[22]
Entries 1
Mean 1.22
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

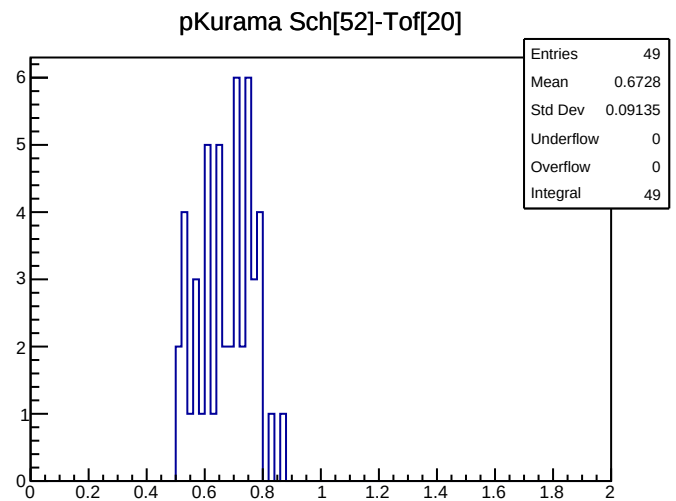

m2 Sch[51]-Tof[22]
Entries 178
Mean 0.8048
Std Dev 0.2248
Underflow 1
Overflow 2
Integral 175
22
20
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

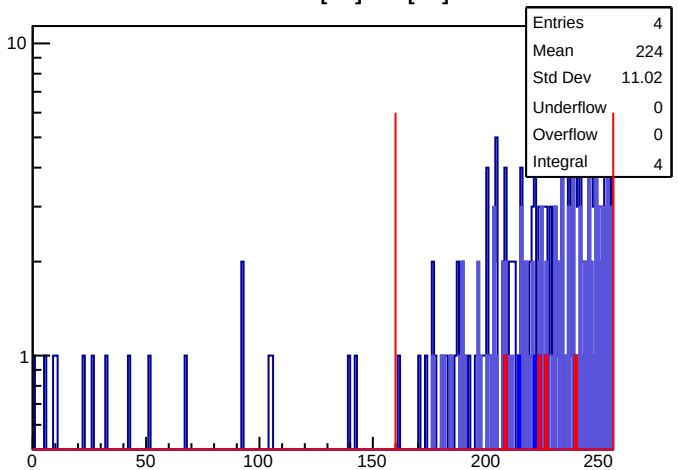

pKurama Sch[51]-Tof[22]
Entries 178
Mean 0.8986
Std Dev 0.1179
Underflow 0
Overflow 0
Integral 178
16
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

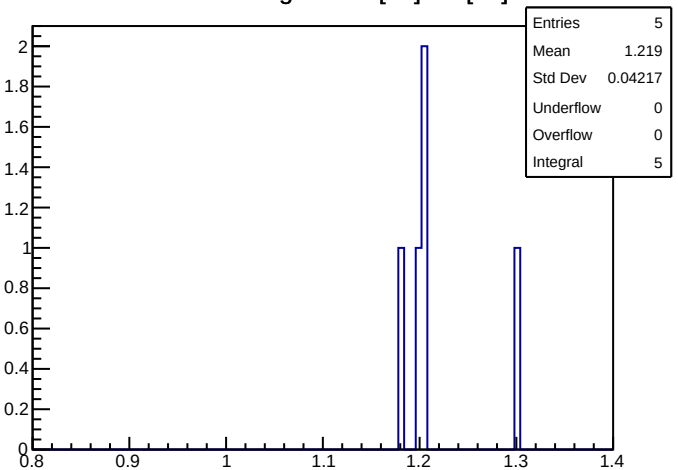

sftx all Sch[52]-Tof[20]
Entries 5
Mean 238.6
Std Dev 10.46
Underflow 0
Overflow 0
Integral 5
0
50
100
150
200
250
1

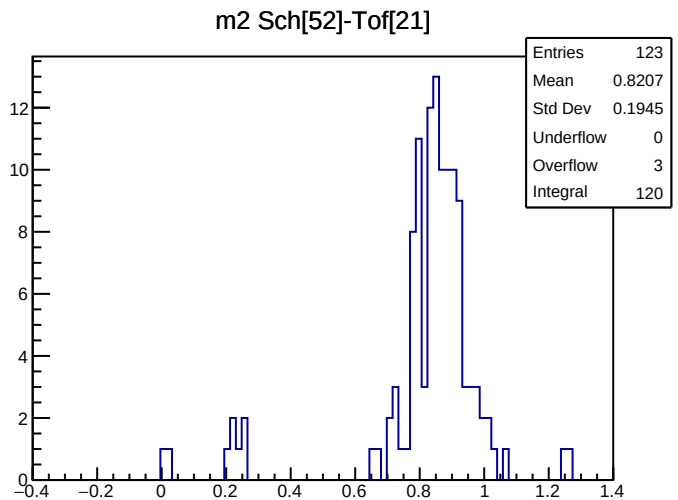

MissMass Sigma Sch[52]-Tof[20]
Entries 5
Mean 1.217
Std Dev 0.01309
Underflow 0
Overflow 0
Integral 5
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0.8
0.9
1
1.1
1.2
1.3
1.4

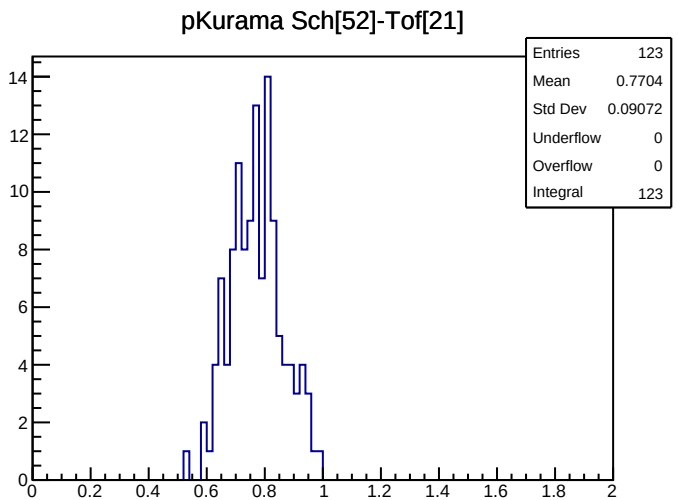

m2 Sch[52]-Tof[20]
Entries 49
Mean 0.596
Std Dev 0.3727
Underflow 0
Overflow 1
Integral 48
0
1
2
3
4
5
6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

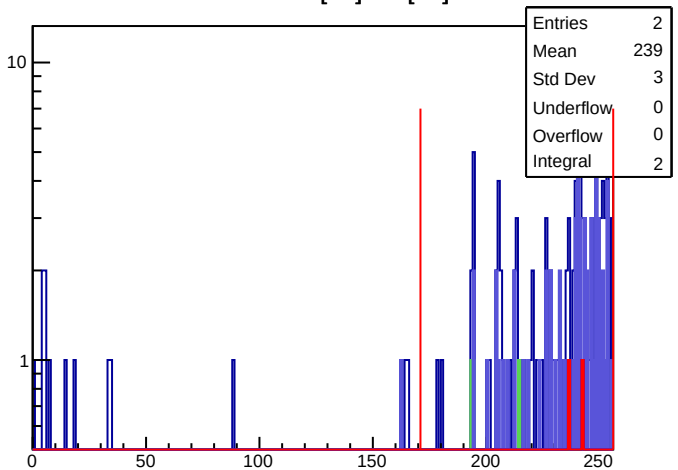

pKurama Sch[52]-Tof[20]
Entries 49
Mean 0.6728
Std Dev 0.09135
Underflow 0
Overflow 0
Integral 49
0
1
2
3
4
5
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

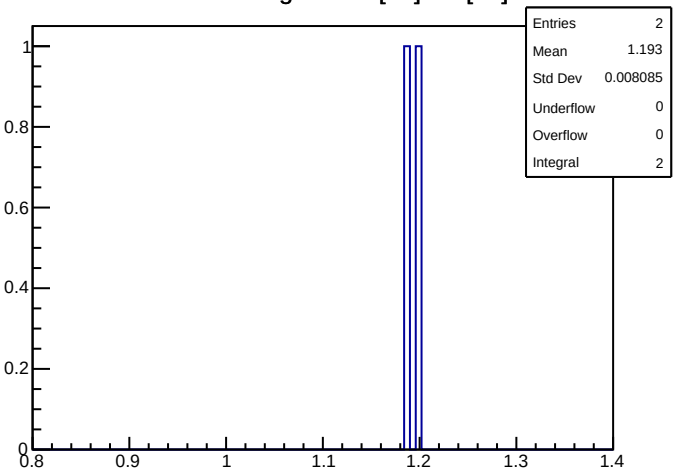

sftx all Sch[52]-Tof[21]
Entries 4
Mean 224
Std Dev 11.02
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

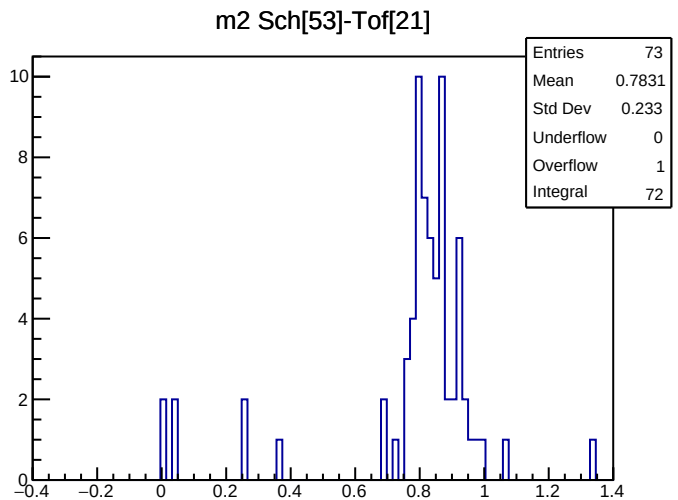

MissMass Sigma Sch[52]-Tof[21]
Entries 5
Mean 1.219
Std Dev 0.04217
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

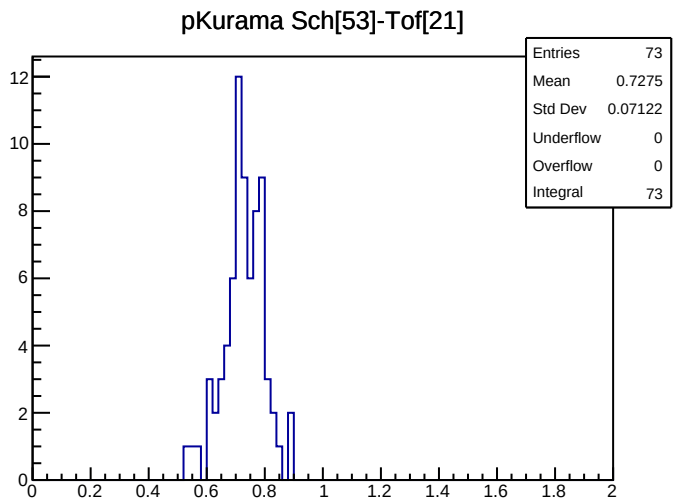

m2 Sch[52]-Tof[21]
Entries 123
Mean 0.8207
Std Dev 0.1945
Underflow 0
Overflow 3
Integral 120
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

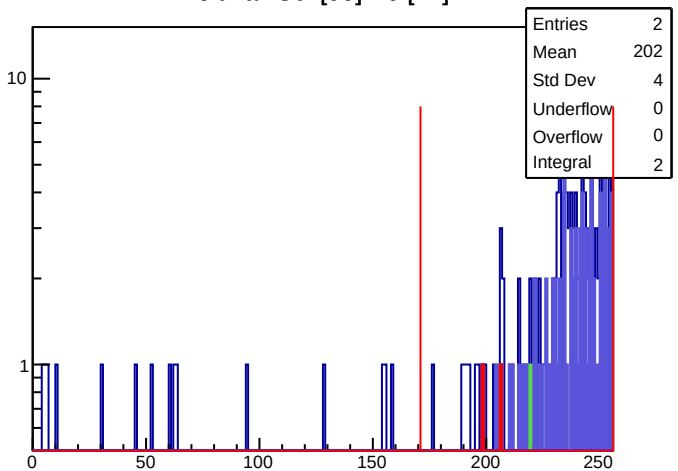

pKurama Sch[52]-Tof[21]
Entries 123
Mean 0.7704
Std Dev 0.09072
Underflow 0
Overflow 0
Integral 123
14
12
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

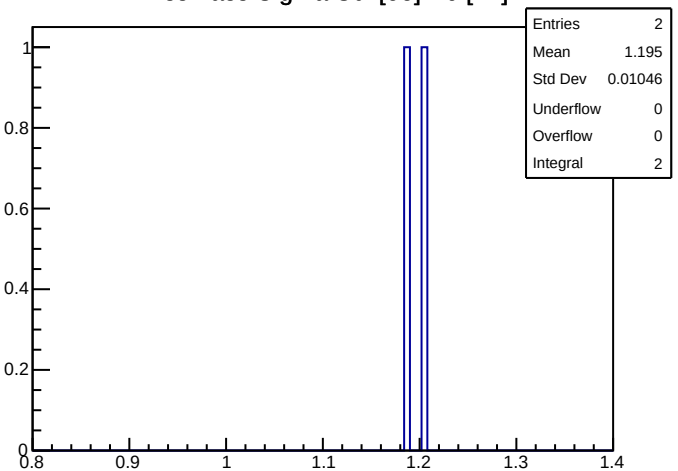

sftx all Sch[53]-Tof[21]
Entries 2
Mean 239
Std Dev 3
Underflow 0
Overflow 0
Integral 2

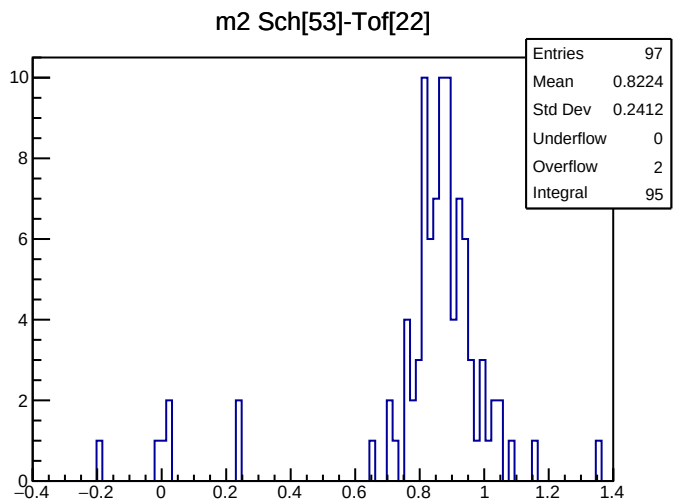

MissMass Sigma Sch[53]-Tof[21]
Entries 2
Mean 1.193
Std Dev 0.008085
Underflow 0
Overflow 0
Integral 2

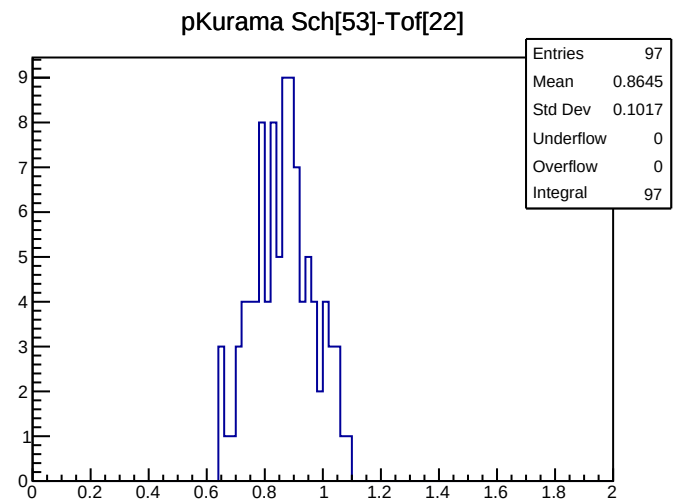

m2 Sch[53]-Tof[21]
Entries 73
Mean 0.7831
Std Dev 0.233
Underflow 0
Overflow 1
Integral 72

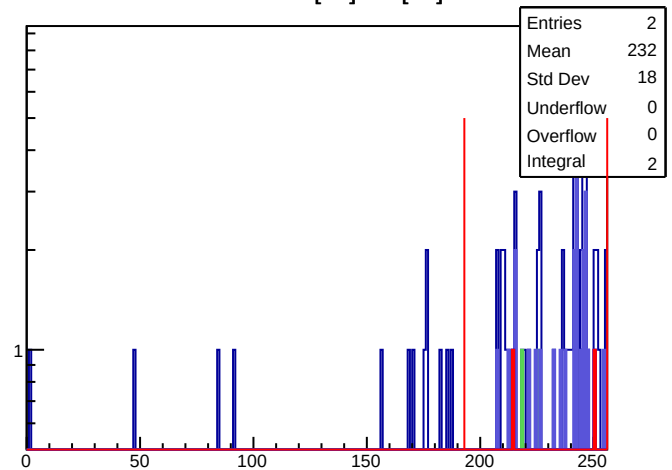

pKurama Sch[53]-Tof[21]
Entries 73
Mean 0.7275
Std Dev 0.07122
Underflow 0
Overflow 0
Integral 73

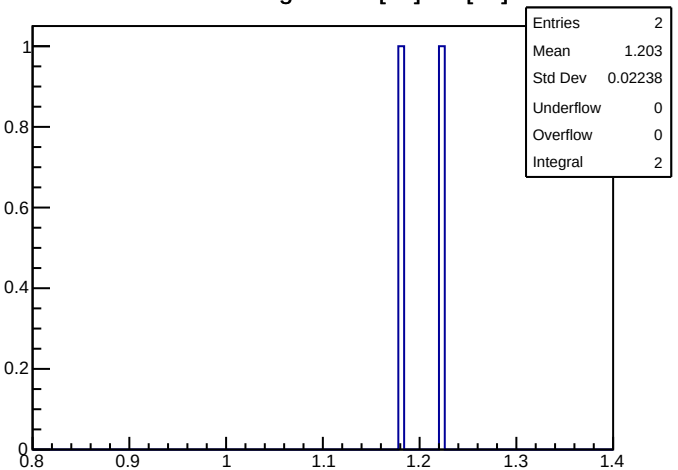

sftx all Sch[53]-Tof[22]
Entries 2
Mean 202
Std Dev 4
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

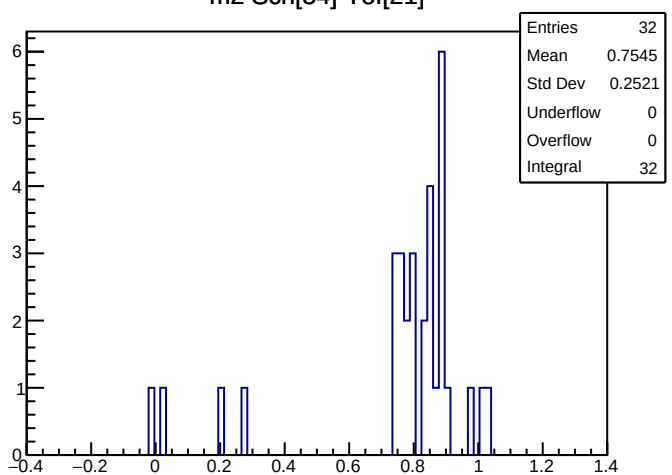

MissMass Sigma Sch[53]-Tof[22]
Entries 2
Mean 1.195
Std Dev 0.01046
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

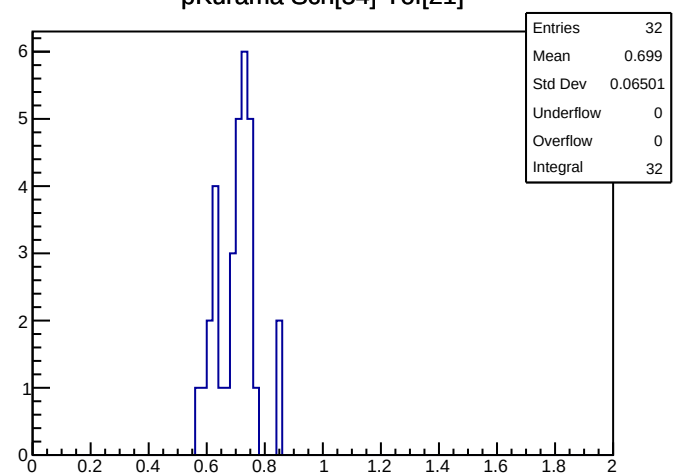

m2 Sch[53]-Tof[22]
Entries 97
Mean 0.8224
Std Dev 0.2412
Underflow 0
Overflow 2
Integral 95
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

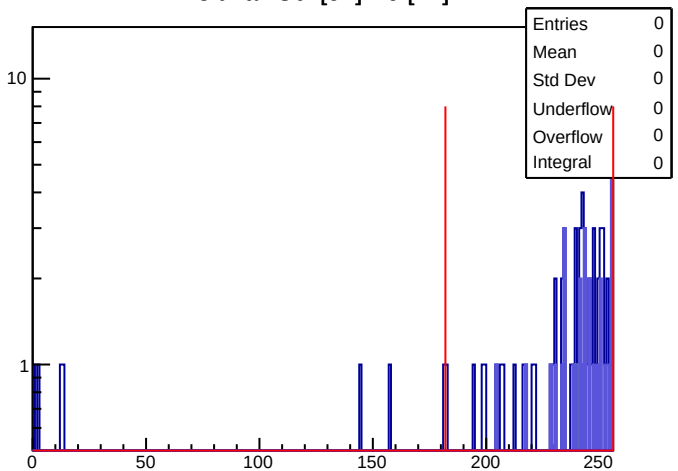

pKurama Sch[53]-Tof[22]
Entries 97
Mean 0.8645
Std Dev 0.1017
Underflow 0
Overflow 0
Integral 97
9
8
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

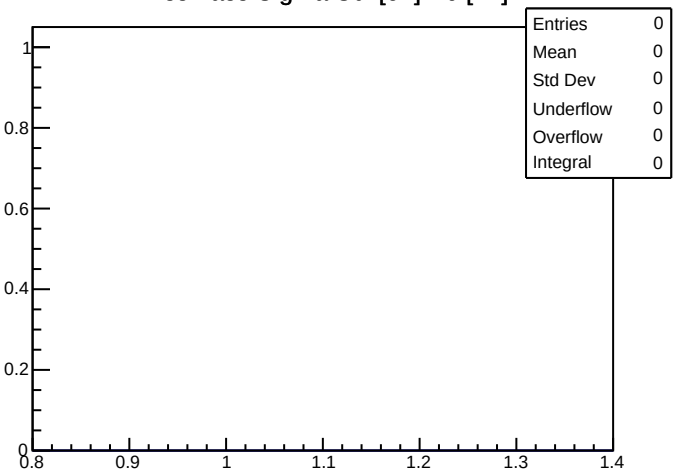

sftx all Sch[54]-Tof[21]
Entries 2
Mean 232
Std Dev 18
Underflow 0
Overflow 0
Integral 2
0
50
100
150
200
250
1

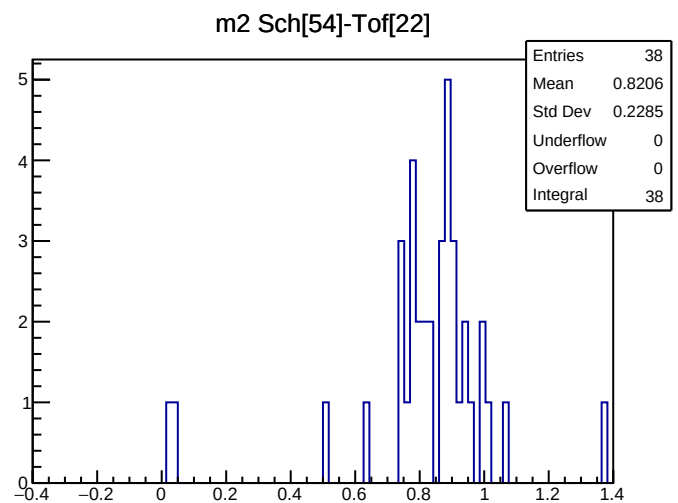

MissMass Sigma Sch[54]-Tof[21]
Entries 2
Mean 1.203
Std Dev 0.02238
Underflow 0
Overflow 0
Integral 2
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

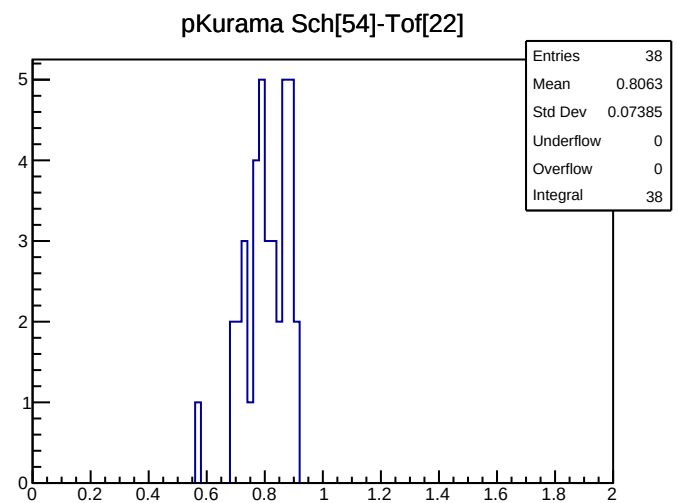

m2 Sch[54]-Tof[21]
Entries 32
Mean 0.7545
Std Dev 0.2521
Underflow 0
Overflow 0
Integral 32
0
1
2
3
4
5
6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

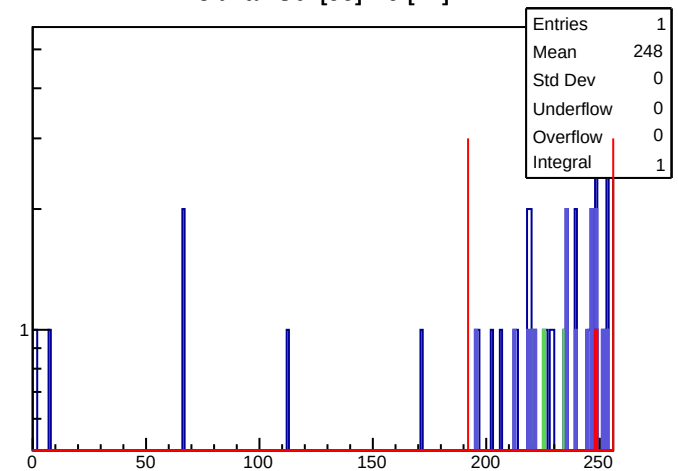

pKurama Sch[54]-Tof[21]
Entries 32
Mean 0.699
Std Dev 0.06501
Underflow 0
Overflow 0
Integral 32
0
1
2
3
4
5
6
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

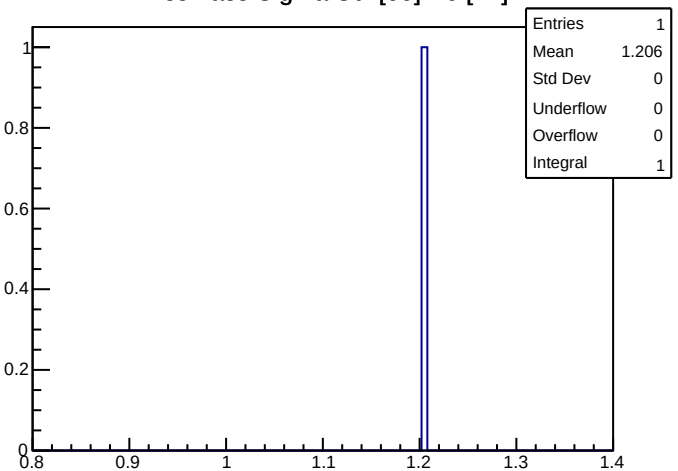

sftx all Sch[54]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

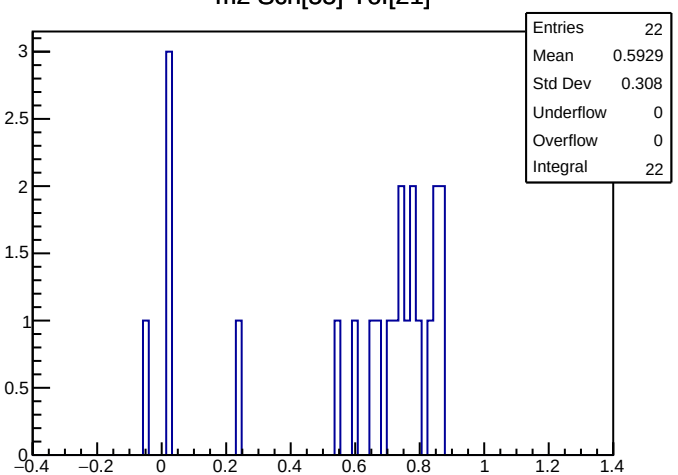

MissMass Sigma Sch[54]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

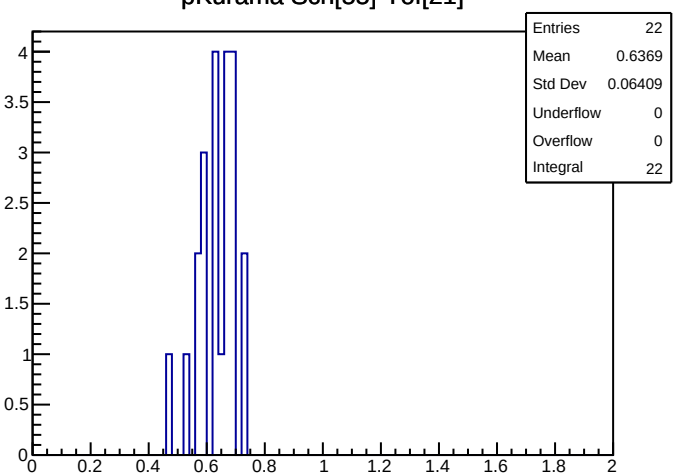

m2 Sch[54]-Tof[22]
Entries 38
Mean 0.8206
Std Dev 0.2285
Underflow 0
Overflow 0
Integral 38
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

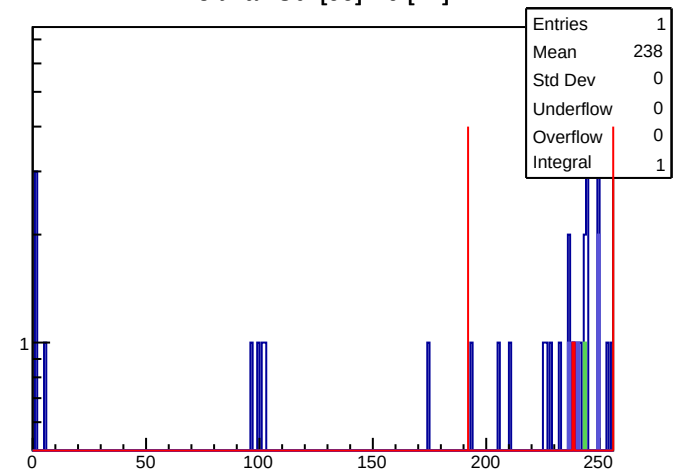

pKurama Sch[54]-Tof[22]
Entries 38
Mean 0.8063
Std Dev 0.07385
Underflow 0
Overflow 0
Integral 38
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

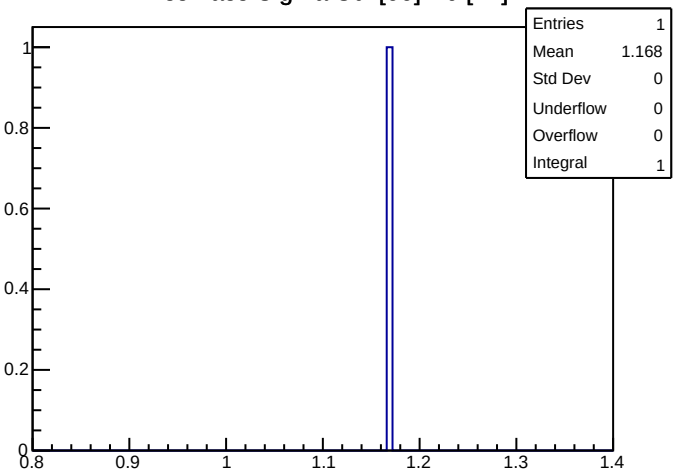

sftx all Sch[55]-Tof[21]
Entries 1
Mean 248
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
50
100
150
200
250
1

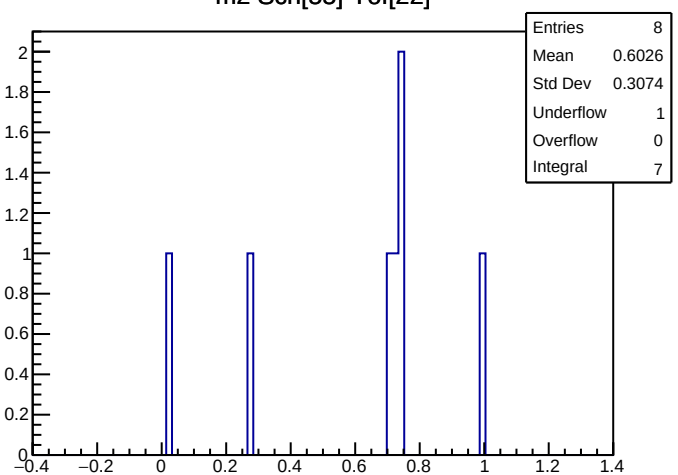

MissMass Sigma Sch[55]-Tof[21]
Entries 1
Mean 1.206
Std Dev 0
Underflow 0
Overflow 0
Integral 1
0
0.2
0.4
0.6
0.8
1
0.8
0.9
1
1.1
1.2
1.3
1.4

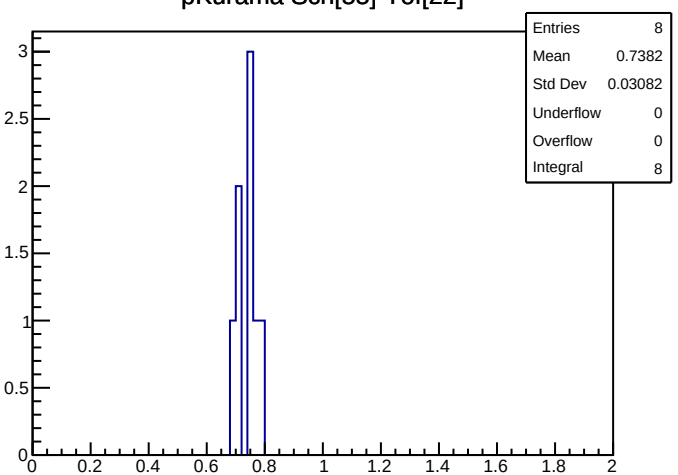

m2 Sch[55]-Tof[21]
Entries 22
Mean 0.5929
Std Dev 0.308
Underflow 0
Overflow 0
Integral 22
0
0.5
1
1.5
2
2.5
3
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

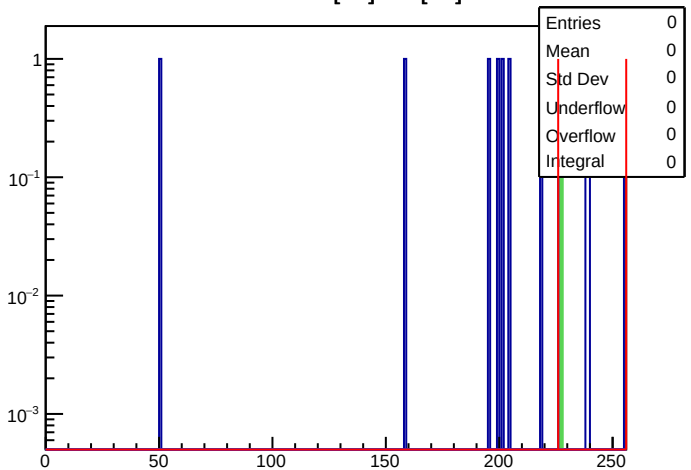

pKurama Sch[55]-Tof[21]
Entries 22
Mean 0.6369
Std Dev 0.06409
Underflow 0
Overflow 0
Integral 22
0
0.5
1
1.5
2
2.5
3
3.5
4
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

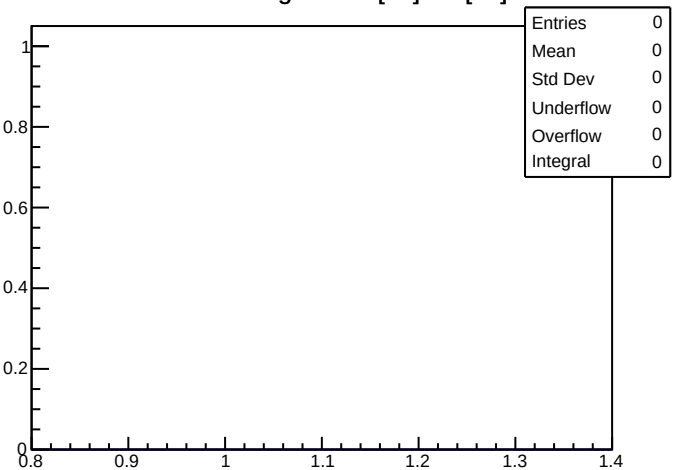

sftx all Sch[55]-Tof[22]
Entries 1
Mean 238
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0
50
100
150
200
250

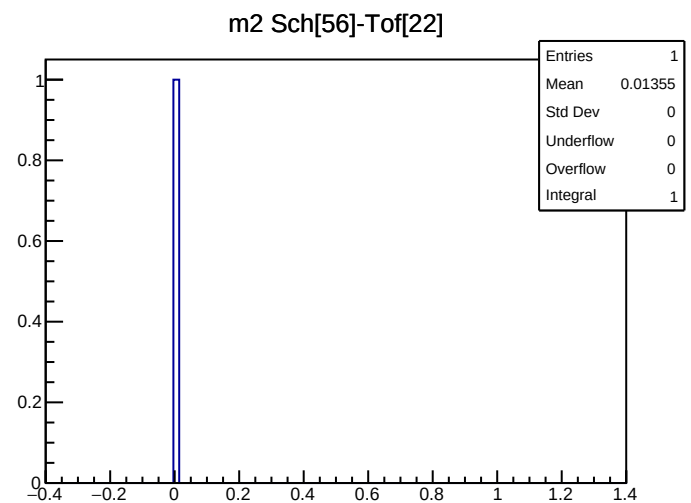

MissMass Sigma Sch[55]-Tof[22]
Entries 1
Mean 1.168
Std Dev 0
Underflow 0
Overflow 0
Integral 1
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

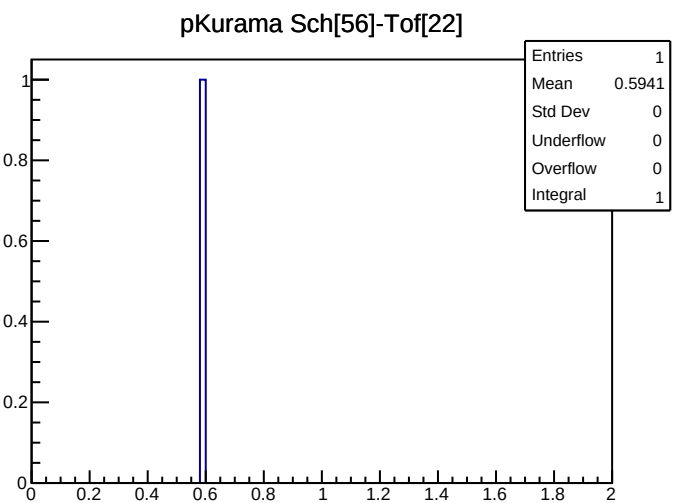

m2 Sch[55]-Tof[22]
Entries 8
Mean 0.6026
Std Dev 0.3074
Underflow 1
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[55]-Tof[22]
Entries 8
Mean 0.7382
Std Dev 0.03082
Underflow 0
Overflow 0
Integral 8
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[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 1
Mean 0.01355
Std Dev 0
Underflow 0
Overflow 0
Integral 1


pKurama Sch[56]-Tof[22]
Entries 1
Mean 0.5941
Std Dev 0
Underflow 0
Overflow 0
Integral 1