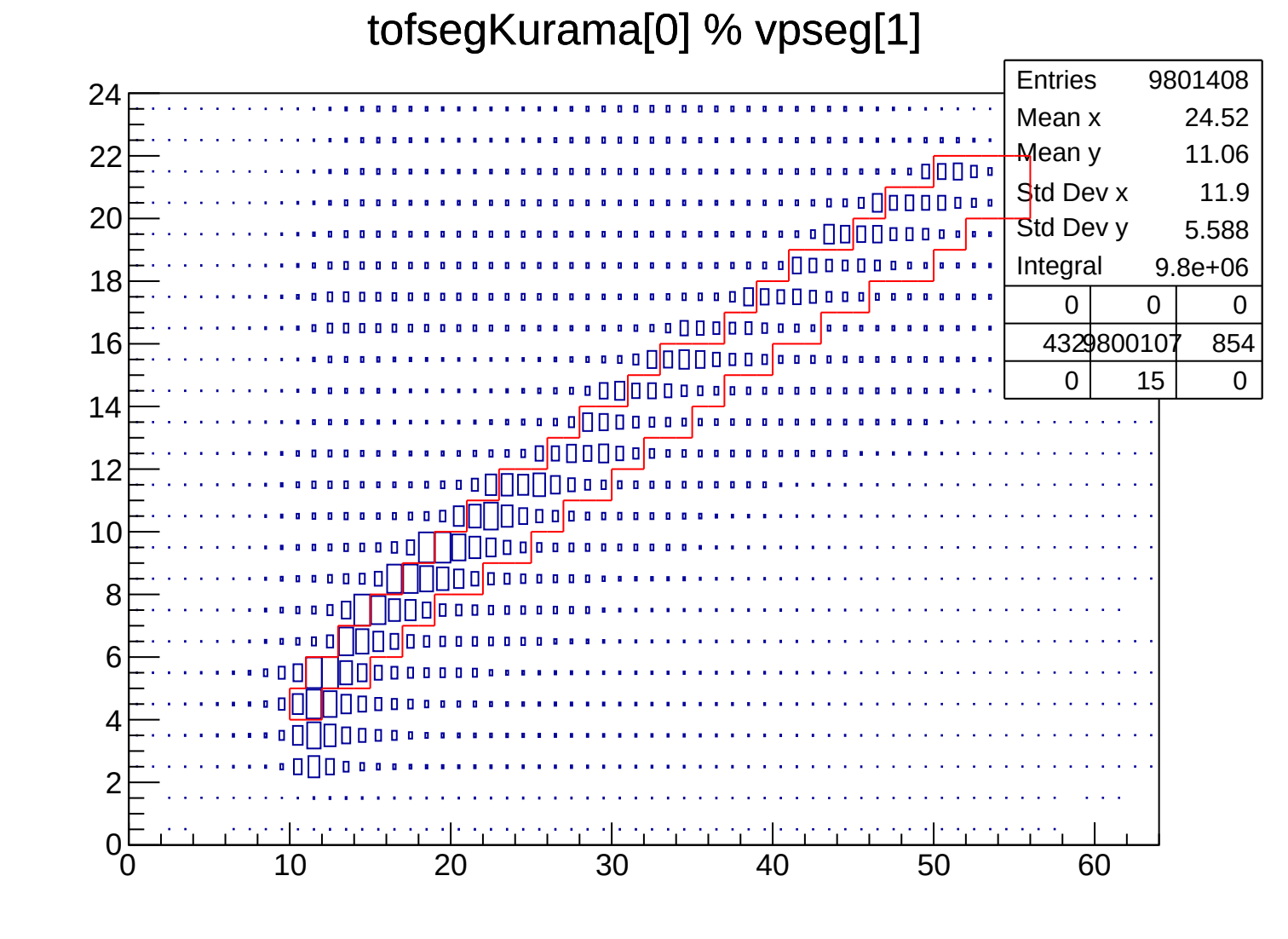
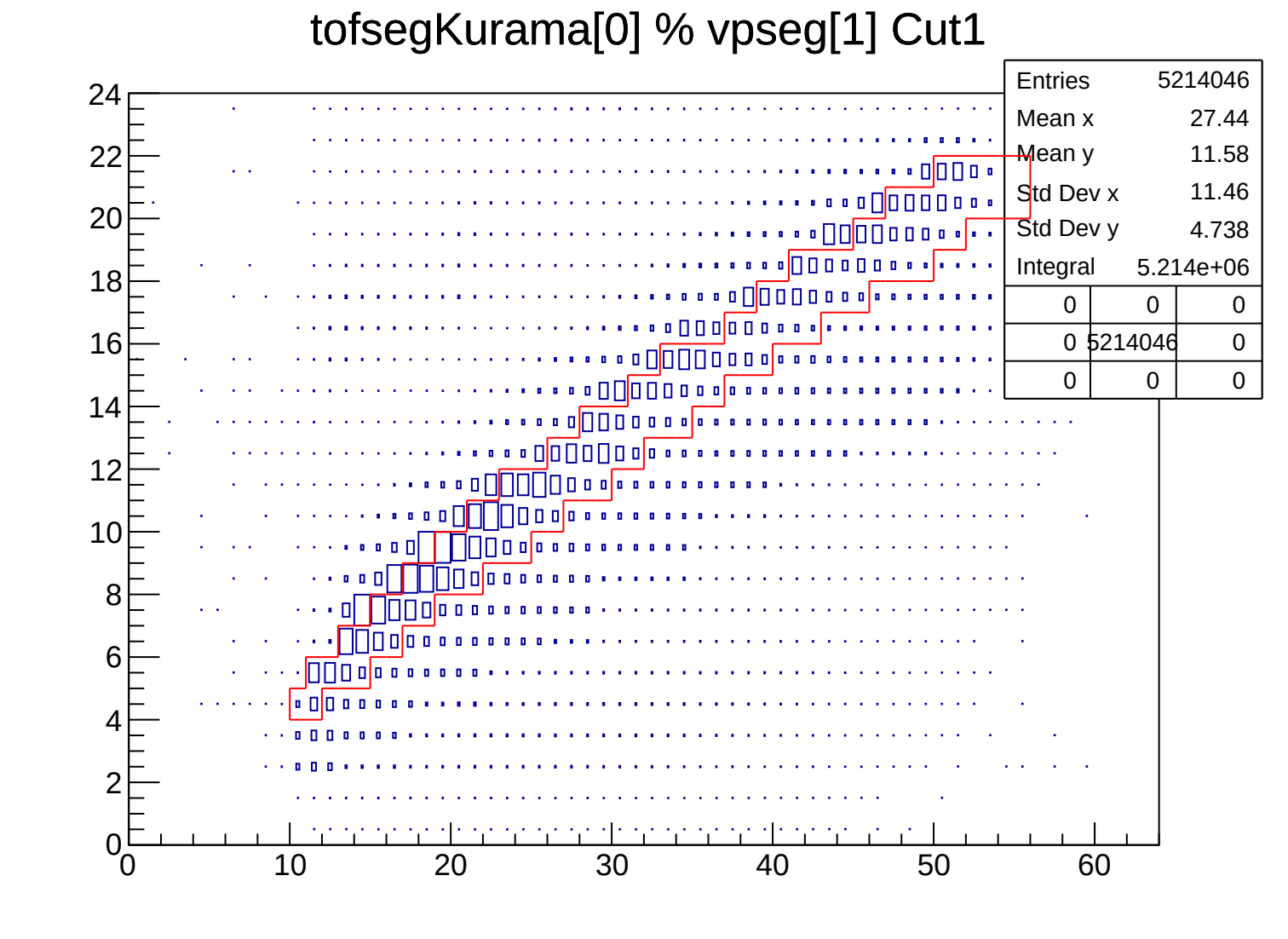
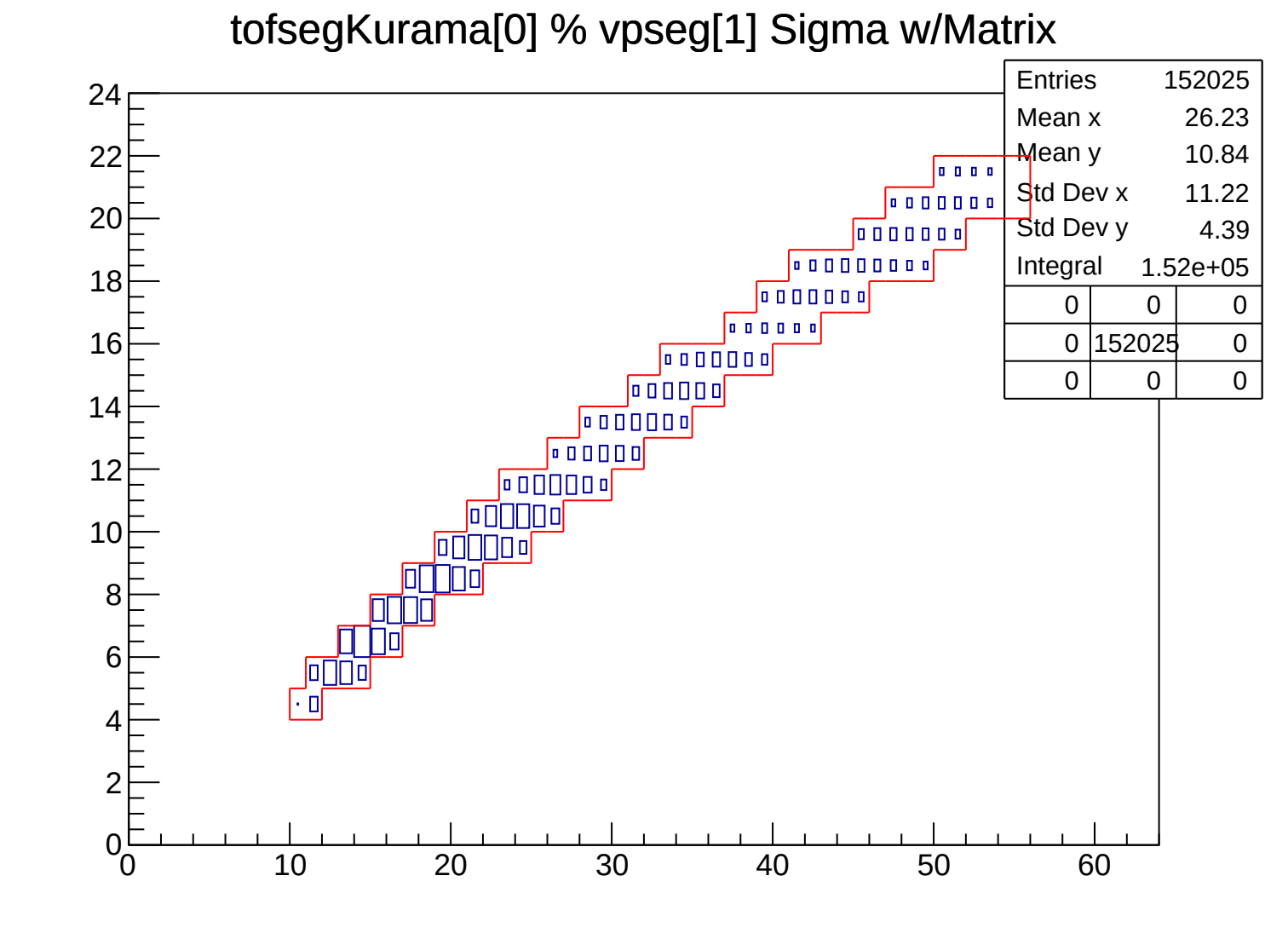
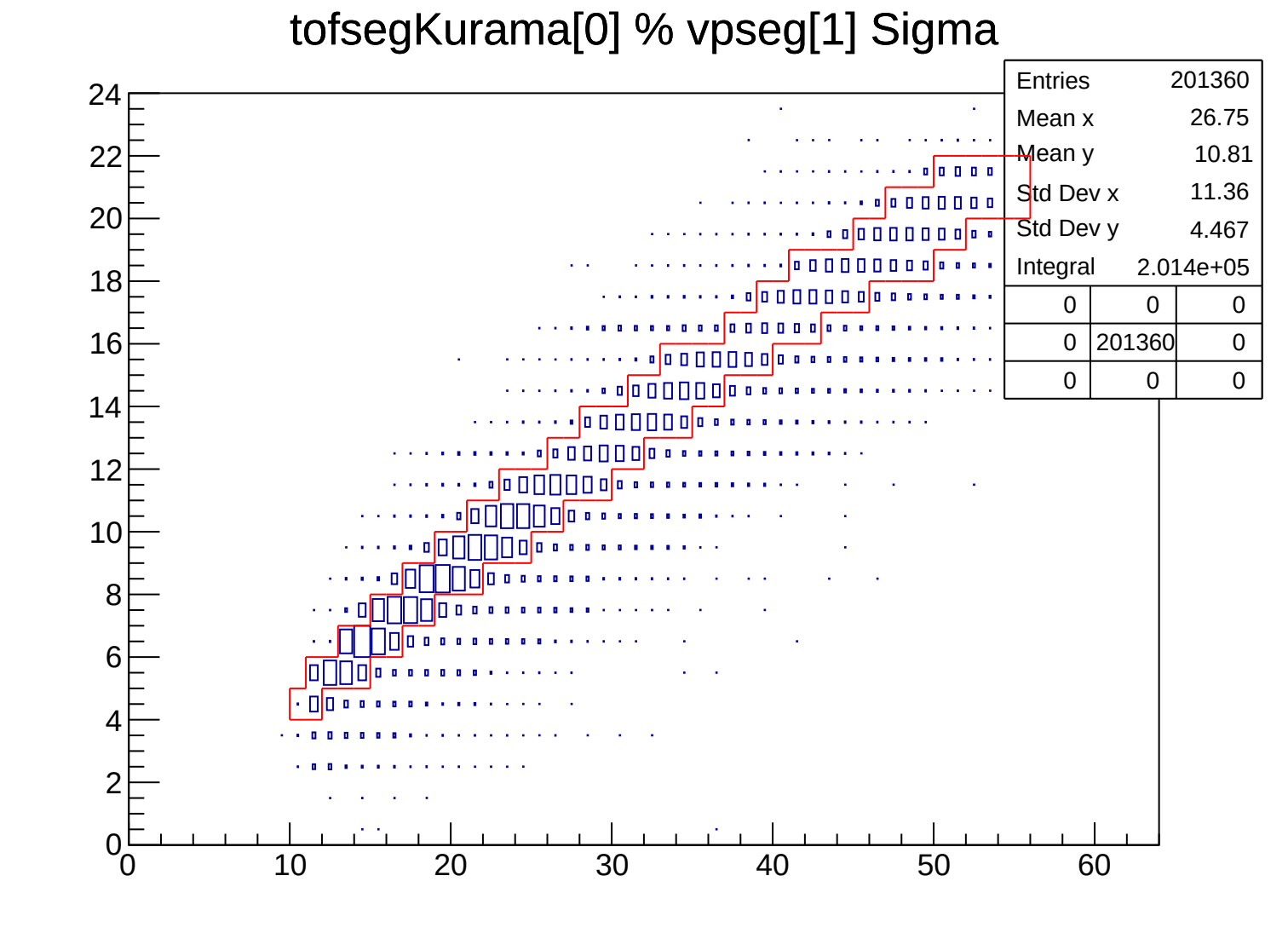
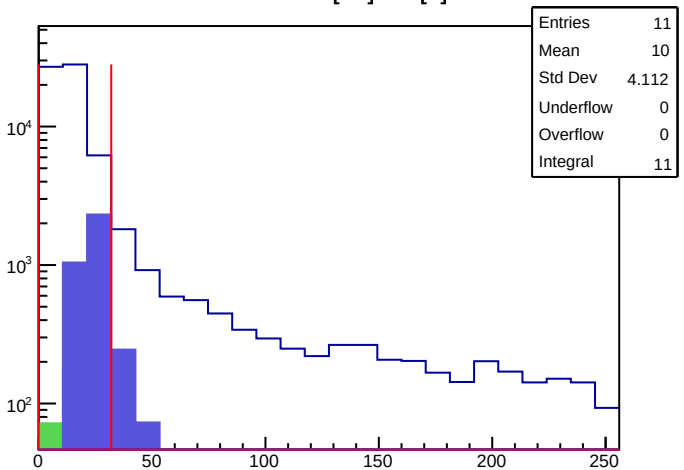
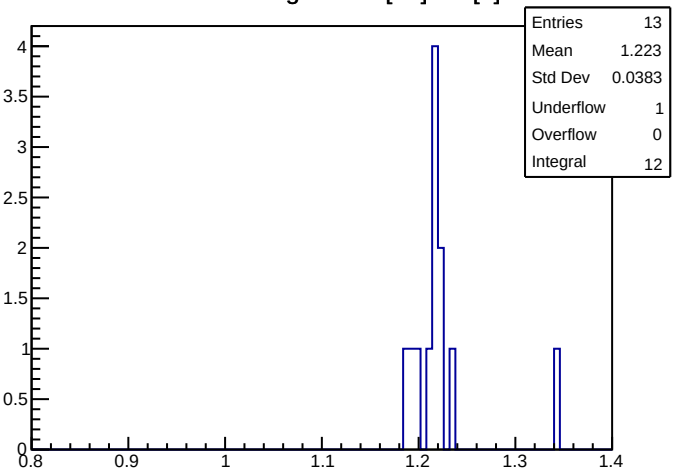

tofsegKurama[0] % vpseg[1]
Entries 9801408
Mean x 24.52
Mean y 11.06
Std Dev x 11.9
Std Dev y 5.588
Integral 9.8e+06
0 0 0
4329800107 854
0 15 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

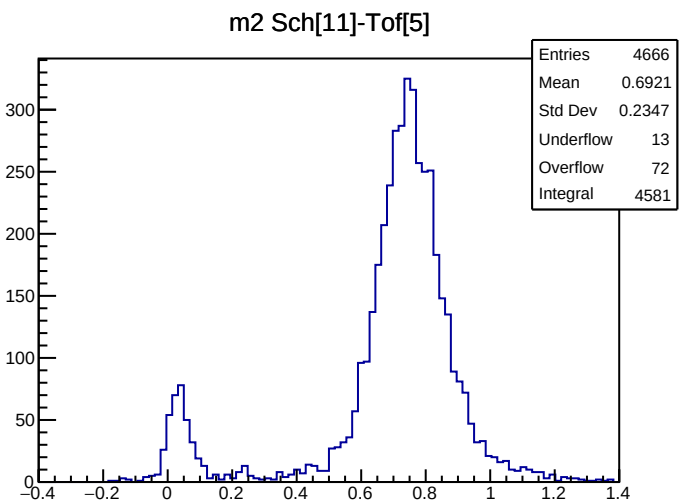

tofsegKurama[0] % vpseg[1] Cut1
Entries 5214046
Mean x 27.44
Mean y 11.58
Std Dev x 11.46
Std Dev y 4.738
Integral 5.214e+06
0 0 0
0 5214046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

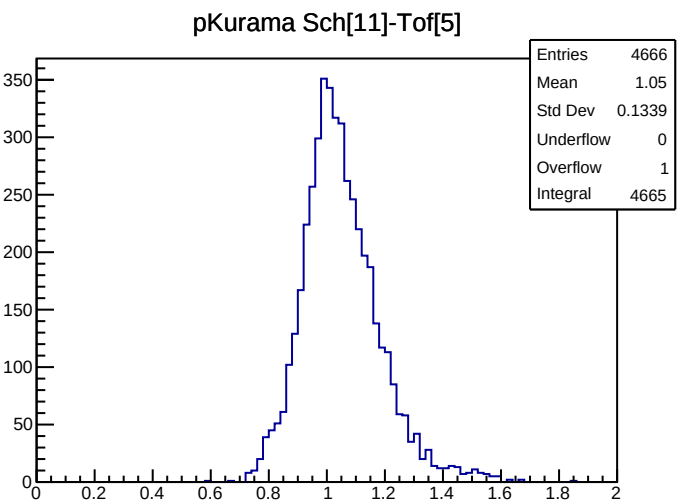

tofsegKurama[0] % vpseg[1] Sigma w/Matrix
Entries 152025
Mean x 26.23
Mean y 10.84
Std Dev x 11.22
Std Dev y 4.39
Integral 1.52e+05
0 0 0
0 152025 0
0 0 0
0
2
4
6
8
10
12
14
16
18
20
22
24
0
10
20
30
40
50
60

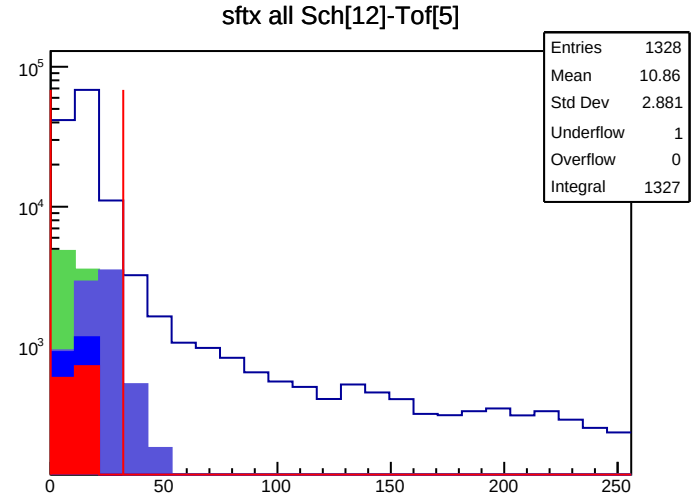

tofsegKurama[0] % vpseg[1] Sigma
Entries 201360
Mean x 26.75
Mean y 10.81
Std Dev x 11.36
Std Dev y 4.467
Integral 2.014e+05
0 0 0
0 201360 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

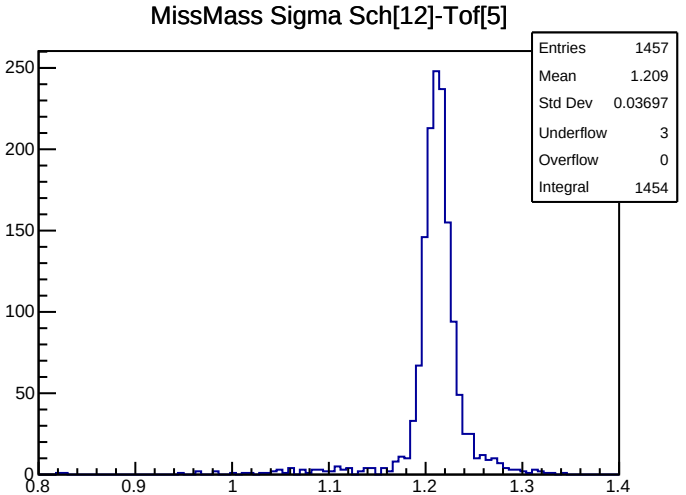

sftx all Sch[11]-Tof[5]
Entries 11
Mean 10
Std Dev 4.112
Underflow 0
Overflow 0
Integral 11

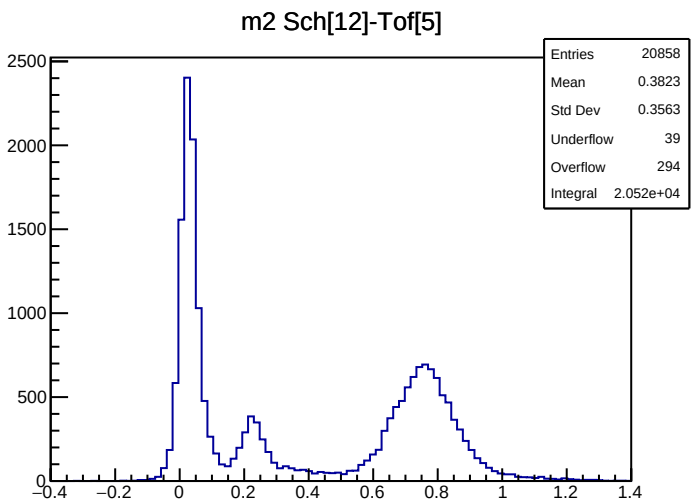

MissMass Sigma Sch[11]-Tof[5]
Entries 13
Mean 1.223
Std Dev 0.0383
Underflow 1
Overflow 0
Integral 12

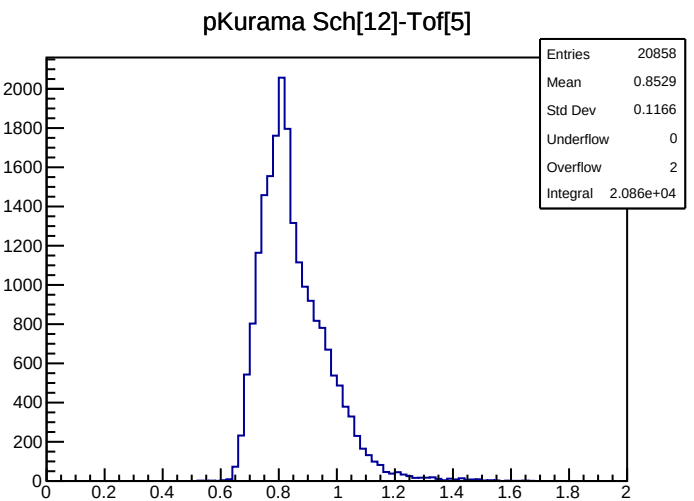

m2 Sch[11]-Tof[5]
Entries 4666
Mean 0.6921
Std Dev 0.2347
Underflow 13
Overflow 72
Integral 4581

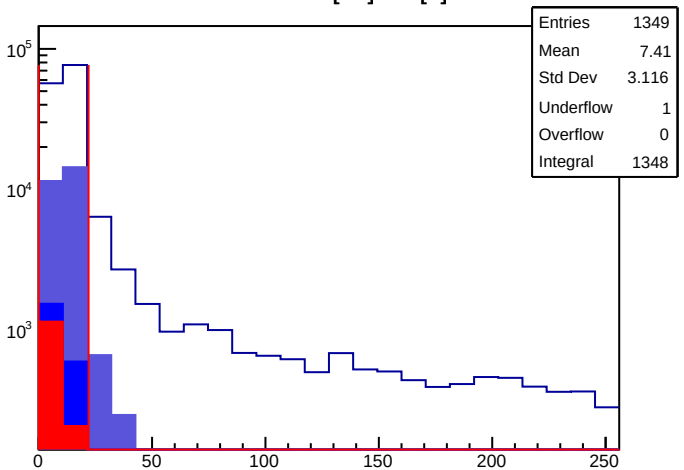

pKurama Sch[11]-Tof[5]
Entries 4666
Mean 1.05
Std Dev 0.1339
Underflow 0
Overflow 1
Integral 4665

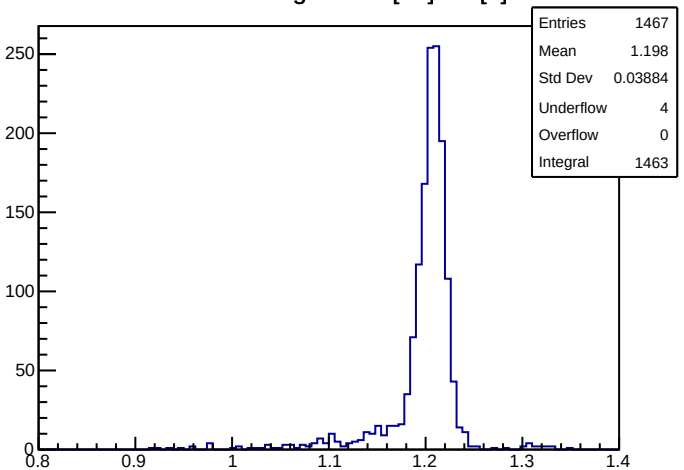

sftx all Sch[12]-Tof[5]
Entries 1328
Mean 10.86
Std Dev 2.881
Underflow 1
Overflow 0
Integral 1327

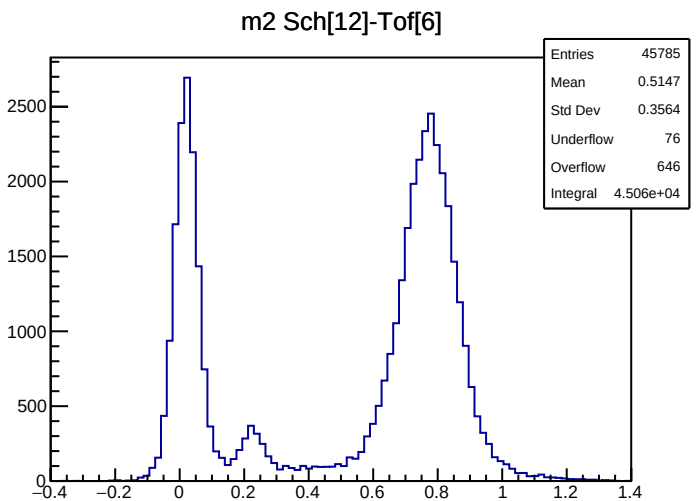

MissMass Sigma Sch[12]-Tof[5]
Entries 1457
Mean 1.209
Std Dev 0.03697
Underflow 3
Overflow 0
Integral 1454

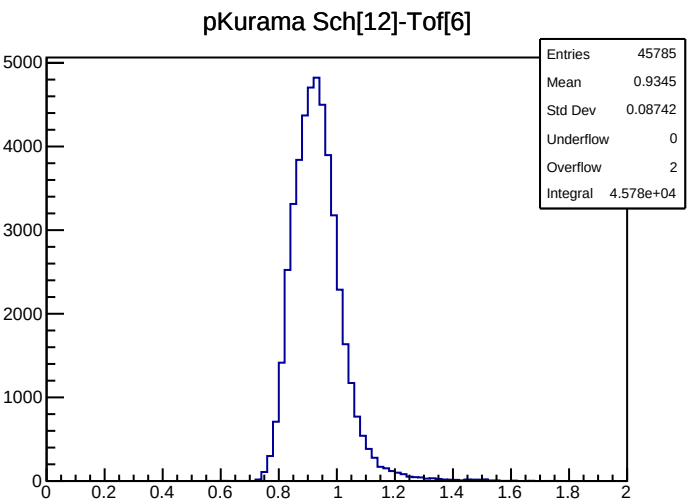

m2 Sch[12]-Tof[5]
Entries 20858
Mean 0.3823
Std Dev 0.3563
Underflow 39
Overflow 294
Integral 2.052e+04

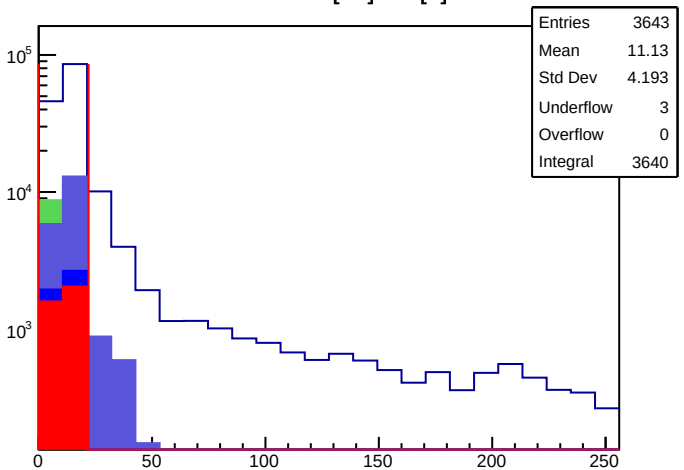

pKurama Sch[12]-Tof[5]
Entries 20858
Mean 0.8529
Std Dev 0.1166
Underflow 0
Overflow 2
Integral 2.086e+04

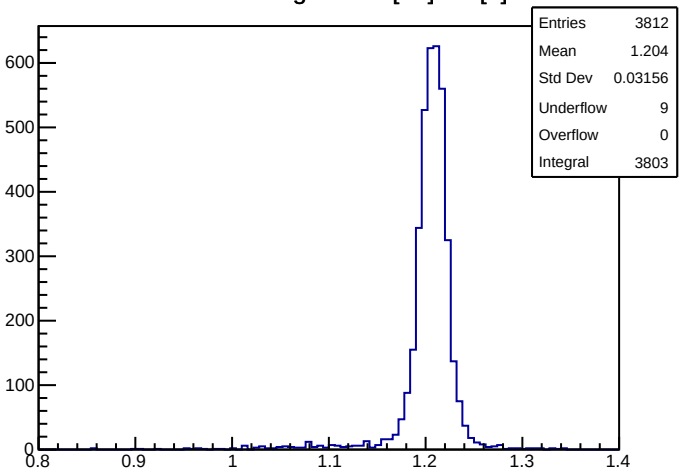

sftx all Sch[12]-Tof[6]
Entries 1349
Mean 7.41
Std Dev 3.116
Underflow 1
Overflow 0
Integral 1348

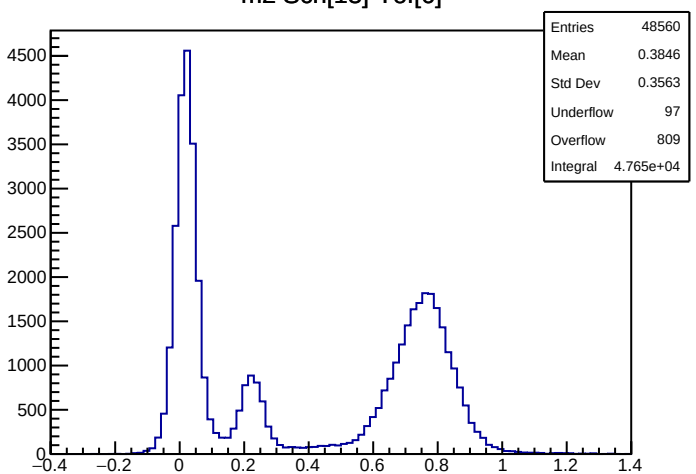

MissMass Sigma Sch[12]-Tof[6]
Entries 1467
Mean 1.198
Std Dev 0.03884
Underflow 4
Overflow 0
Integral 1463

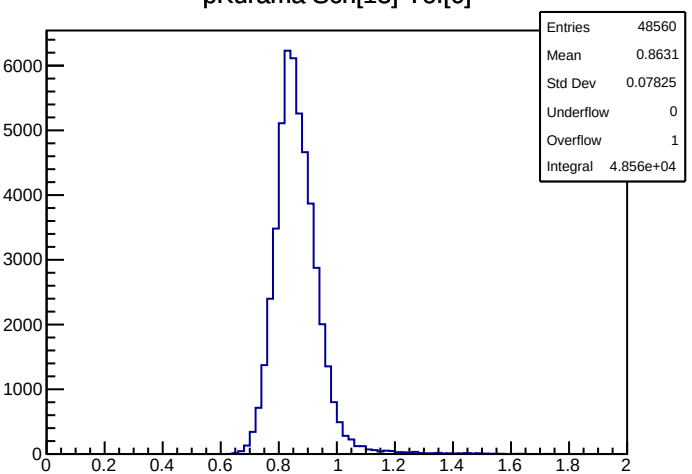

m2 Sch[12]-Tof[6]
Entries 45785
Mean 0.5147
Std Dev 0.3564
Underflow 76
Overflow 646
Integral 4.506e+04

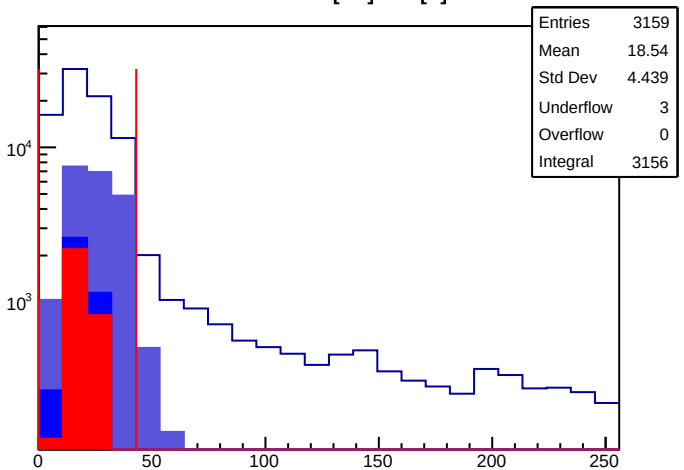

pKurama Sch[12]-Tof[6]
Entries 45785
Mean 0.9345
Std Dev 0.08742
Underflow 0
Overflow 2
Integral 4.578e+04

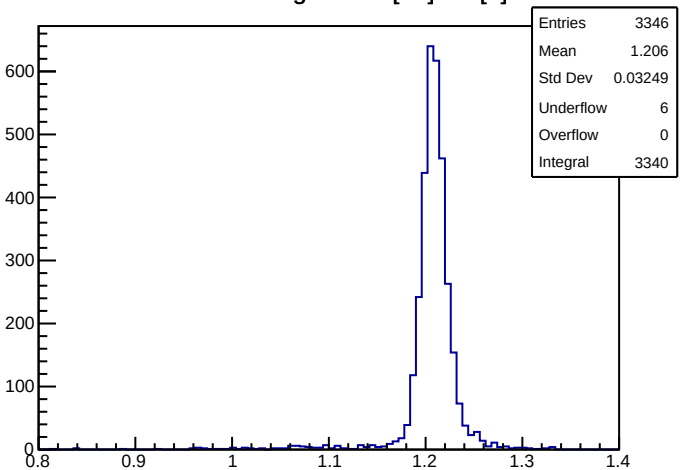

sftx all Sch[13]-Tof[6]
Entries 3643
Mean 11.13
Std Dev 4.193
Underflow 3
Overflow 0
Integral 3640

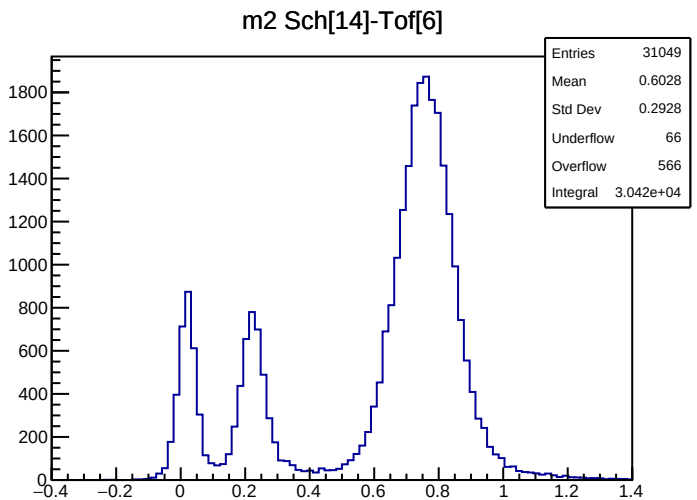

MissMass Sigma Sch[13]-Tof[6]
Entries 3812
Mean 1.204
Std Dev 0.03156
Underflow 9
Overflow 0
Integral 3803

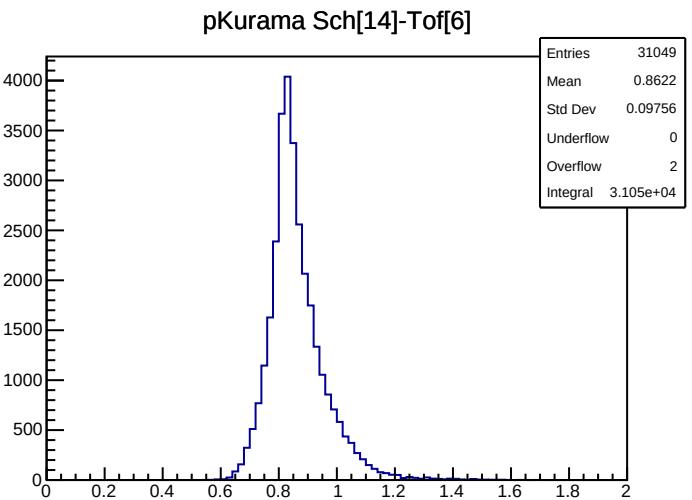

m2 Sch[13]-Tof[6]
Entries 48560
Mean 0.3846
Std Dev 0.3563
Underflow 97
Overflow 809
Integral 4.765e+04

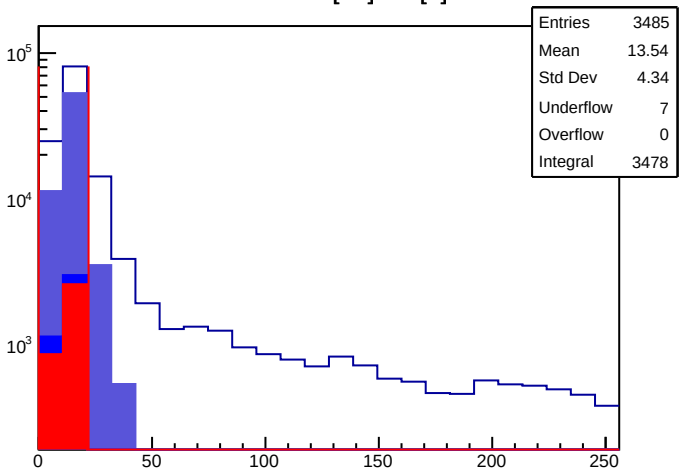

pKurama Sch[13]-Tof[6]
Entries 48560
Mean 0.8631
Std Dev 0.07825
Underflow 0
Overflow 1
Integral 4.856e+04

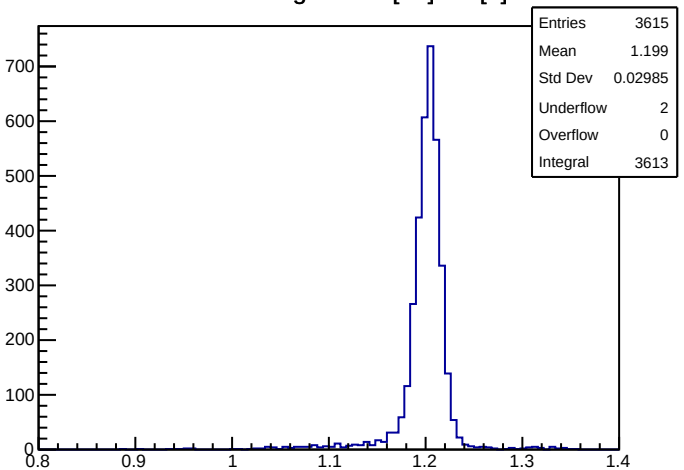

sftx all Sch[14]-Tof[6]
Entries 3159
Mean 18.54
Std Dev 4.439
Underflow 3
Overflow 0
Integral 3156
10^4
10^3
0 50 100 150 200 250

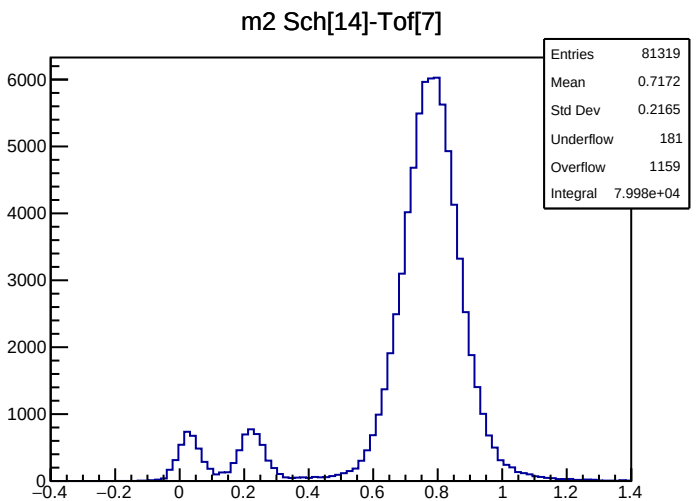

MissMass Sigma Sch[14]-Tof[6]
Entries 3346
Mean 1.206
Std Dev 0.03249
Underflow 6
Overflow 0
Integral 3340
600 500 400 300 200 100 0
0.8 0.9 1 1.1 1.2 1.3 1.4

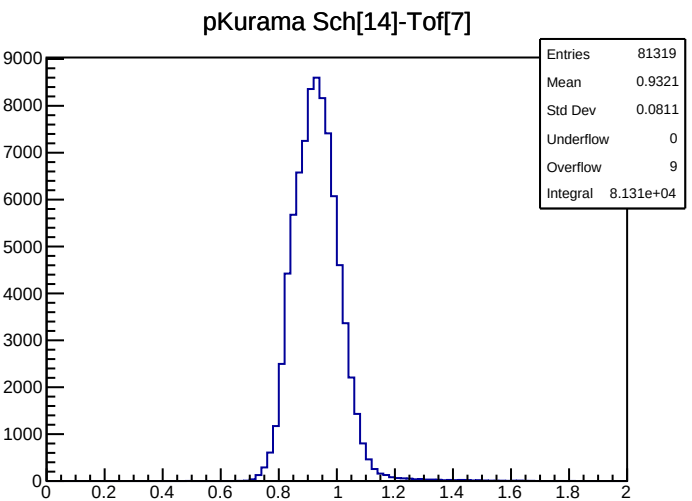

m2 Sch[14]-Tof[6]
Entries 31049
Mean 0.6028
Std Dev 0.2928
Underflow 66
Overflow 566
Integral 3.042e+04
1800 1600 1400 1200 1000 800 600 400 200 0
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

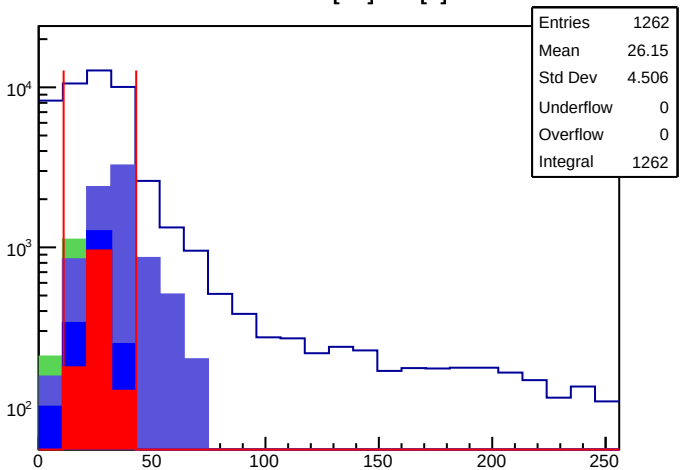

pKurama Sch[14]-Tof[6]
Entries 31049
Mean 0.8622
Std Dev 0.09756
Underflow 0
Overflow 2
Integral 3.105e+04
4000 3500 3000 2500 2000 1500 1000 500 0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

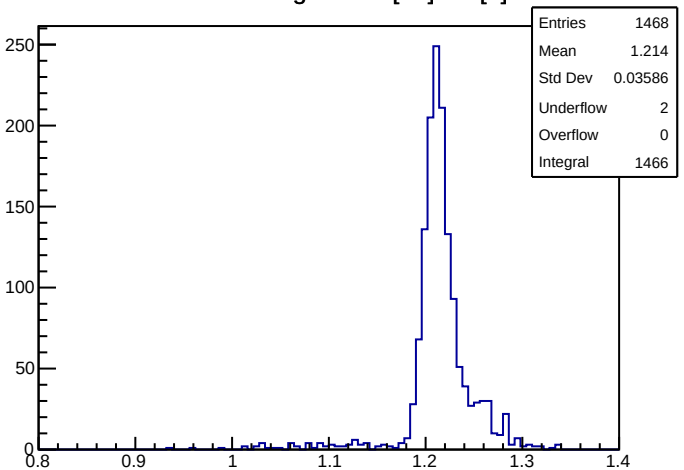

sftx all Sch[14]-Tof[7]
Entries 3485
Mean 13.54
Std Dev 4.34
Underflow 7
Overflow 0
Integral 3478

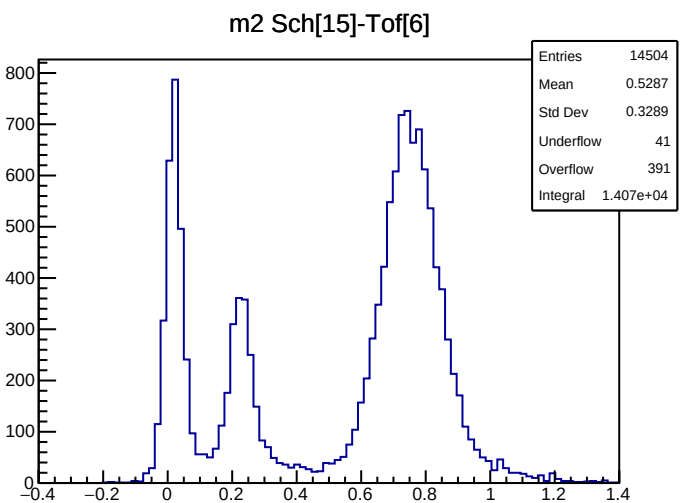

MissMass Sigma Sch[14]-Tof[7]
Entries 3615
Mean 1.199
Std Dev 0.02985
Underflow 2
Overflow 0
Integral 3613

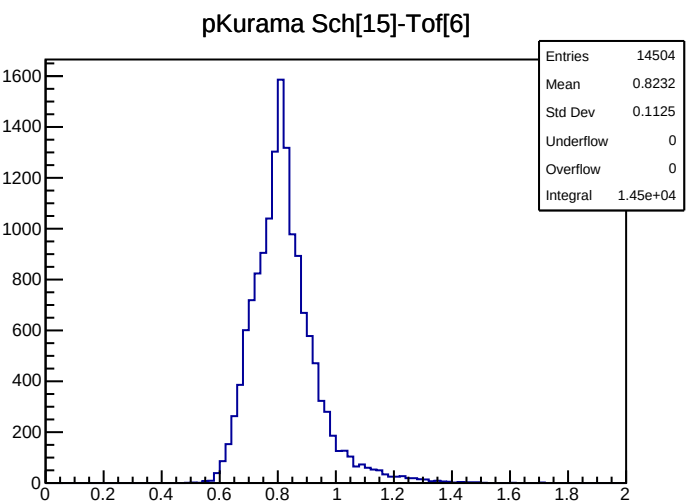

m2 Sch[14]-Tof[7]
Entries 81319
Mean 0.7172
Std Dev 0.2165
Underflow 181
Overflow 1159
Integral 7.998e+04

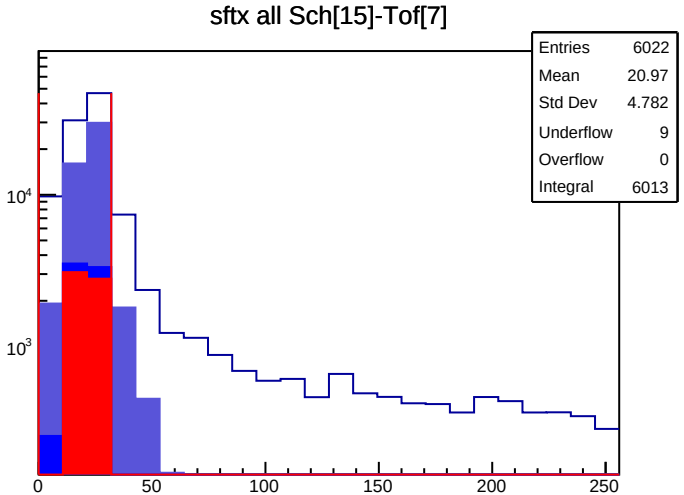

pKurama Sch[14]-Tof[7]
Entries 81319
Mean 0.9321
Std Dev 0.0811
Underflow 0
Overflow 9
Integral 8.131e+04

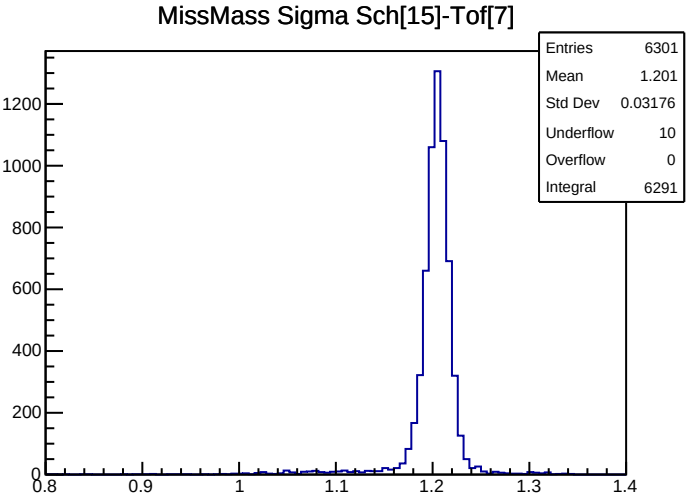

sftx all Sch[15]-Tof[6]
Entries 1262
Mean 26.15
Std Dev 4.506
Underflow 0
Overflow 0
Integral 1262

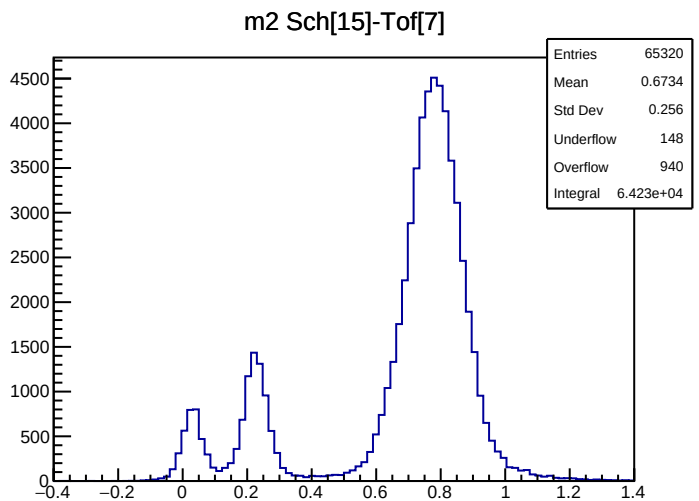

MissMass Sigma Sch[15]-Tof[6]
Entries 1468
Mean 1.214
Std Dev 0.03586
Underflow 2
Overflow 0
Integral 1466

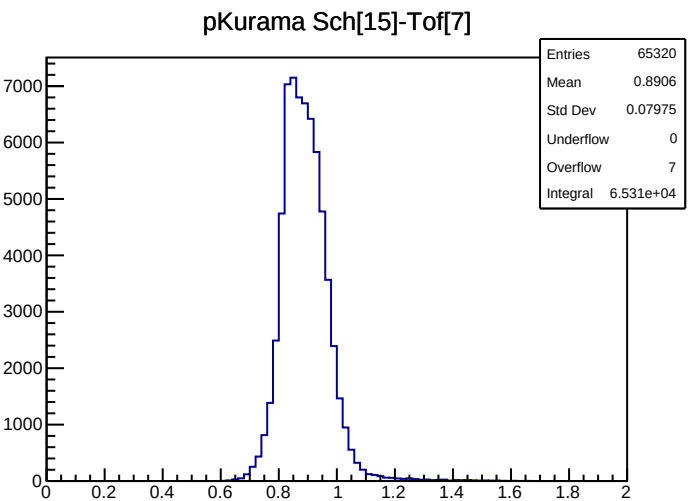

m2 Sch[15]-Tof[6]
Entries 14504
Mean 0.5287
Std Dev 0.3289
Underflow 41
Overflow 391
Integral 1.407e+04

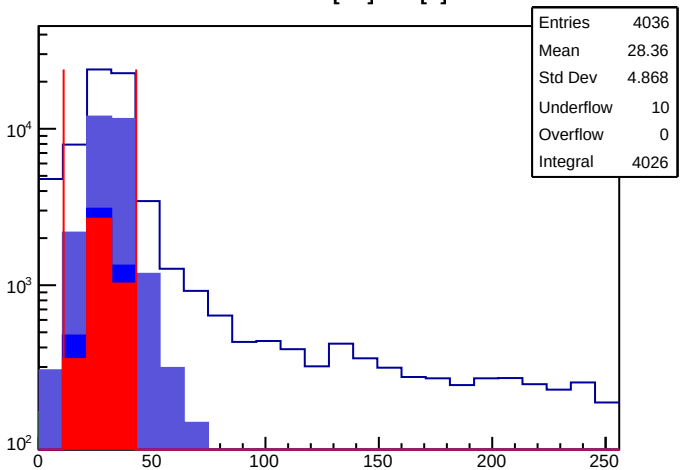

pKurama Sch[15]-Tof[6]
Entries 14504
Mean 0.8232
Std Dev 0.1125
Underflow 0
Overflow 0
Integral 1.45e+04

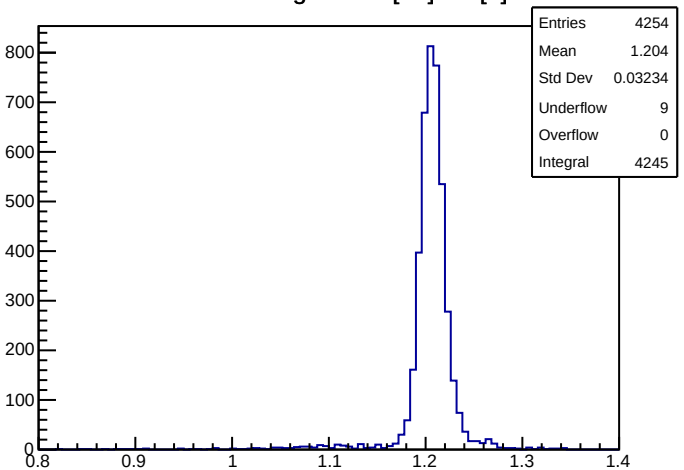

sftx all Sch[15]-Tof[7]
Entries 6022
Mean 20.97
Std Dev 4.782
Underflow 9
Overflow 0
Integral 6013
10^4
10^3
0 50 100 150 200 250

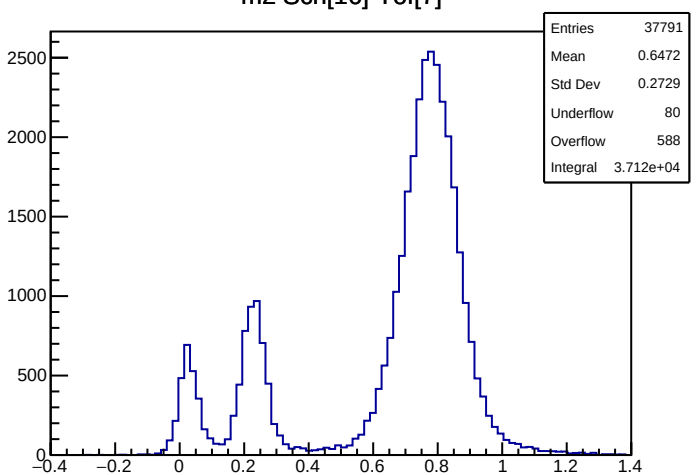

MissMass Sigma Sch[15]-Tof[7]
Entries 6301
Mean 1.201
Std Dev 0.03176
Underflow 10
Overflow 0
Integral 6291
1200 1000 800 600 400 200 0
0.8 0.9 1 1.1 1.2 1.3 1.4

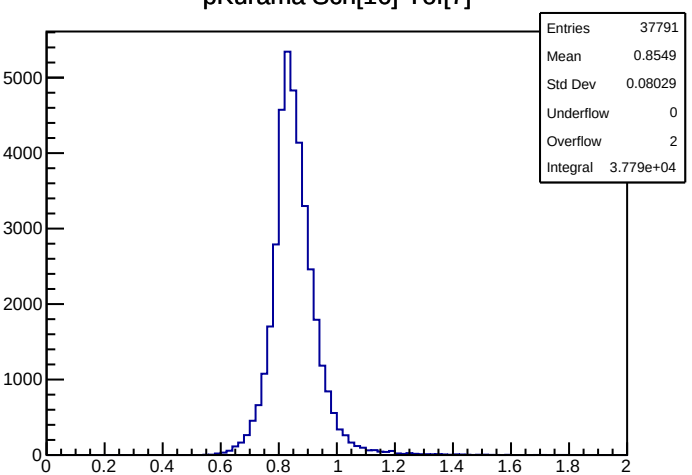

m2 Sch[15]-Tof[7]
Entries 65320
Mean 0.6734
Std Dev 0.256
Underflow 148
Overflow 940
Integral 6.423e+04
4500 4000 3500 3000 2500 2000 1500 1000 500 0
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

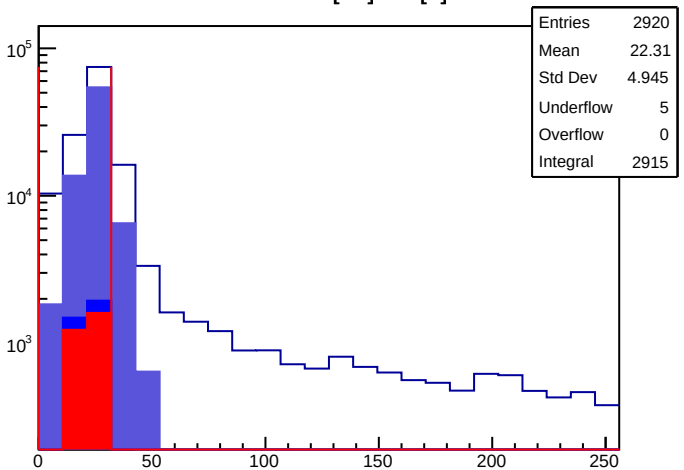

pKurama Sch[15]-Tof[7]
Entries 65320
Mean 0.8906
Std Dev 0.07975
Underflow 0
Overflow 7
Integral 6.531e+04
7000 6000 5000 4000 3000 2000 1000 0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

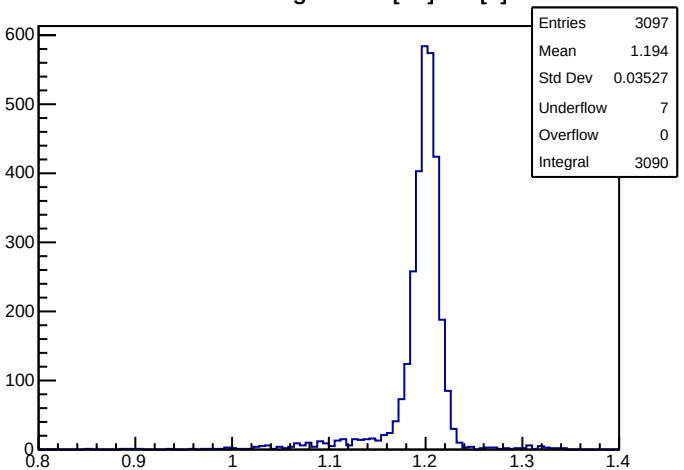

sftx all Sch[16]-Tof[7]
Entries 4036
Mean 28.36
Std Dev 4.868
Underflow 10
Overflow 0
Integral 4026

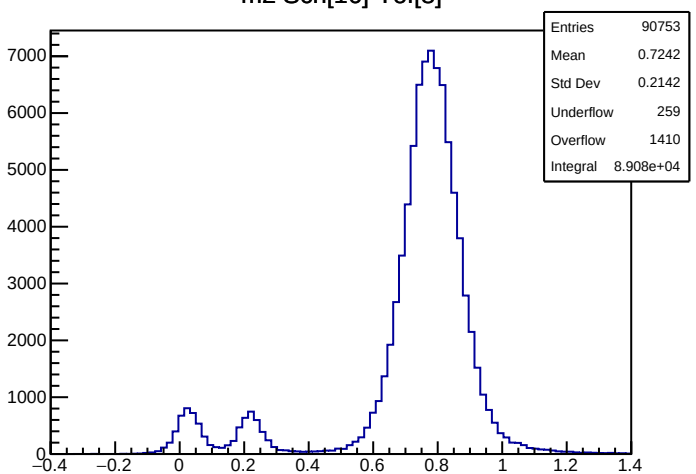

MissMass Sigma Sch[16]-Tof[7]
Entries 4254
Mean 1.204
Std Dev 0.03234
Underflow 9
Overflow 0
Integral 4245

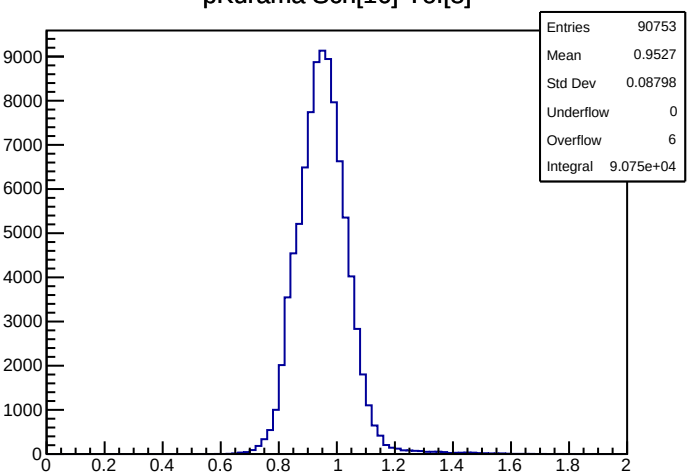

m2 Sch[16]-Tof[7]
Entries 37791
Mean 0.6472
Std Dev 0.2729
Underflow 80
Overflow 588
Integral 3.712e+04

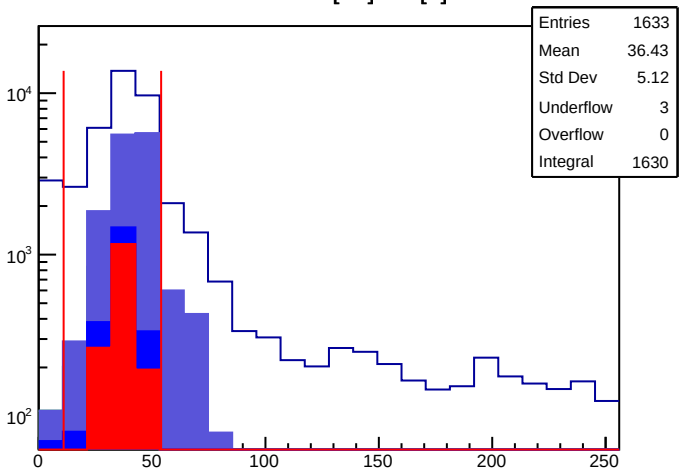

pKurama Sch[16]-Tof[7]
Entries 37791
Mean 0.8549
Std Dev 0.08029
Underflow 0
Overflow 2
Integral 3.779e+04

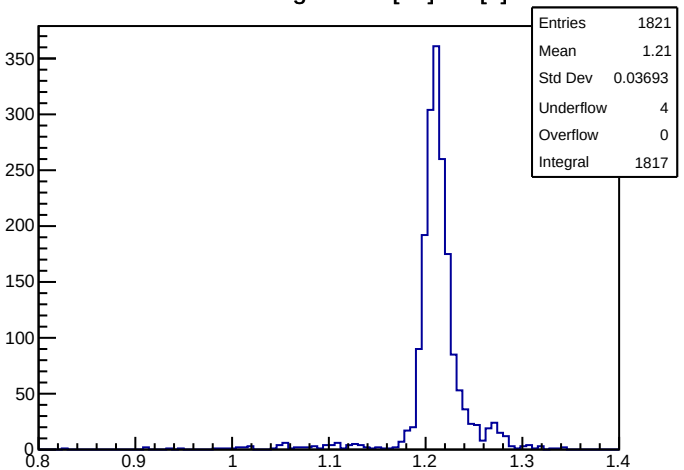

sftx all Sch[16]-Tof[8]
Entries 2920
Mean 22.31
Std Dev 4.945
Underflow 5
Overflow 0
Integral 2915

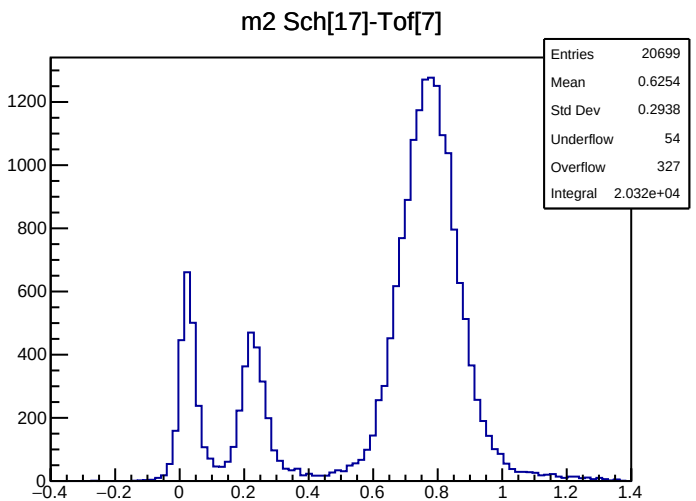

MissMass Sigma Sch[16]-Tof[8]
Entries 3097
Mean 1.194
Std Dev 0.03527
Underflow 7
Overflow 0
Integral 3090

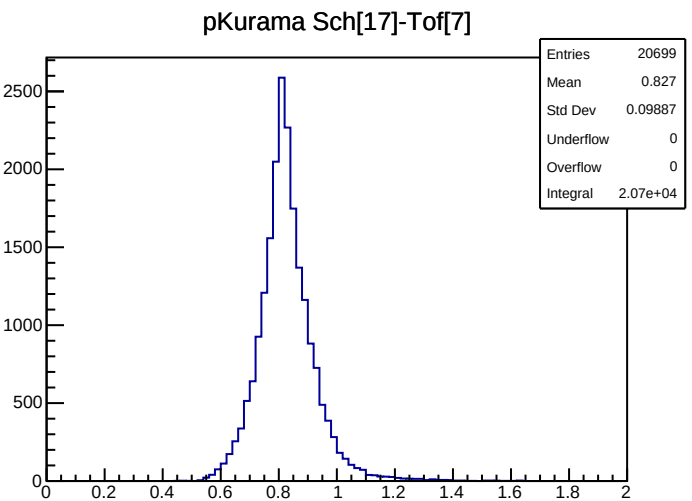

m2 Sch[16]-Tof[8]
Entries 90753
Mean 0.7242
Std Dev 0.2142
Underflow 259
Overflow 1410
Integral 8.908e+04

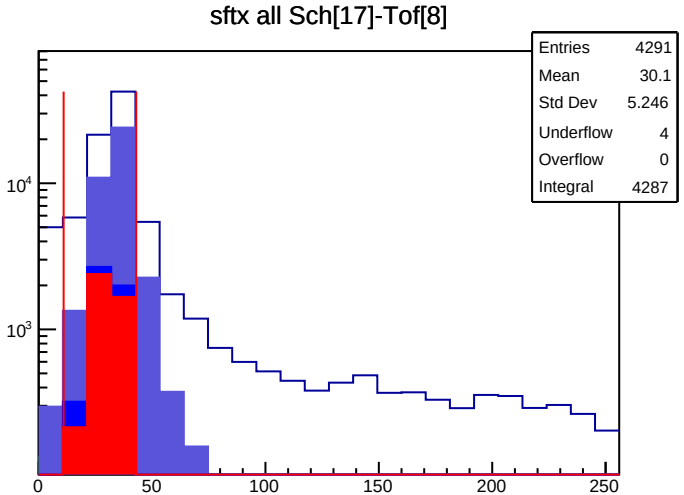

pKurama Sch[16]-Tof[8]
Entries 90753
Mean 0.9527
Std Dev 0.08798
Underflow 0
Overflow 6
Integral 9.075e+04

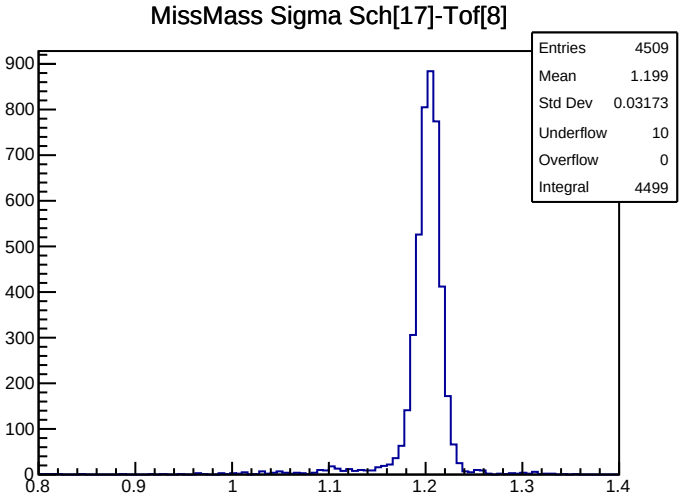

sftx all Sch[17]-Tof[7]
Entries 1633
Mean 36.43
Std Dev 5.12
Underflow 3
Overflow 0
Integral 1630

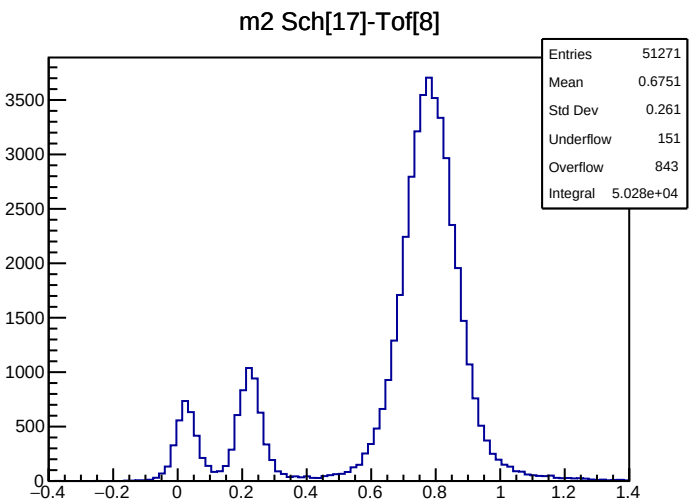

MissMass Sigma Sch[17]-Tof[7]
Entries 1821
Mean 1.21
Std Dev 0.03693
Underflow 4
Overflow 0
Integral 1817

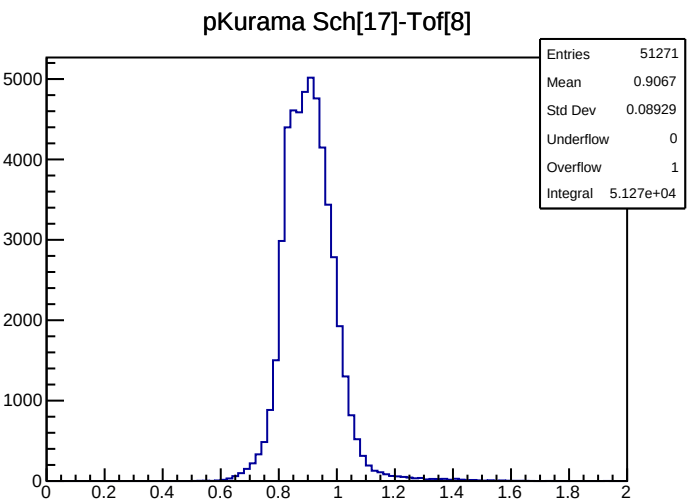

m2 Sch[17]-Tof[7]
Entries 20699
Mean 0.6254
Std Dev 0.2938
Underflow 54
Overflow 327
Integral 2.032e+04

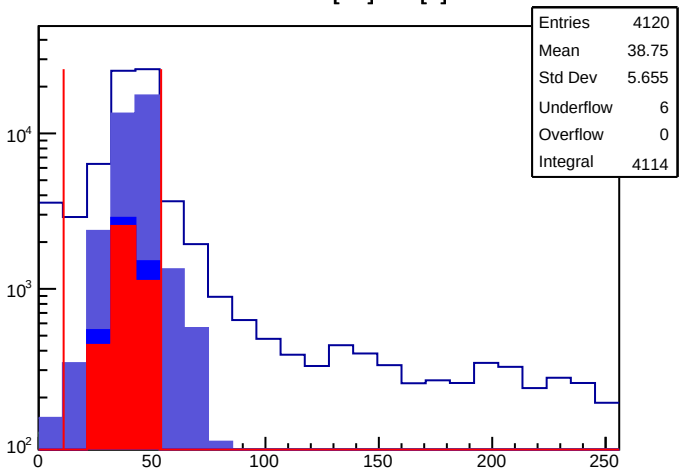

pKurama Sch[17]-Tof[7]
Entries 20699
Mean 0.827
Std Dev 0.09887
Underflow 0
Overflow 0
Integral 2.07e+04

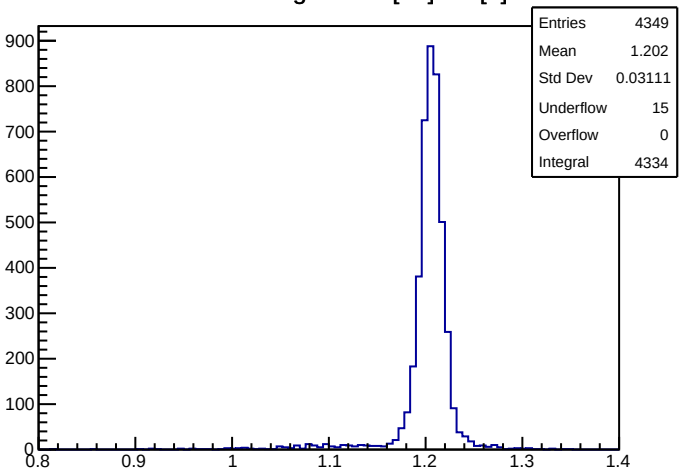

sftx all Sch[17]-Tof[8]
Entries 4291
Mean 30.1
Std Dev 5.246
Underflow 4
Overflow 0
Integral 4287
10^4
10^3
0 50 100 150 200 250

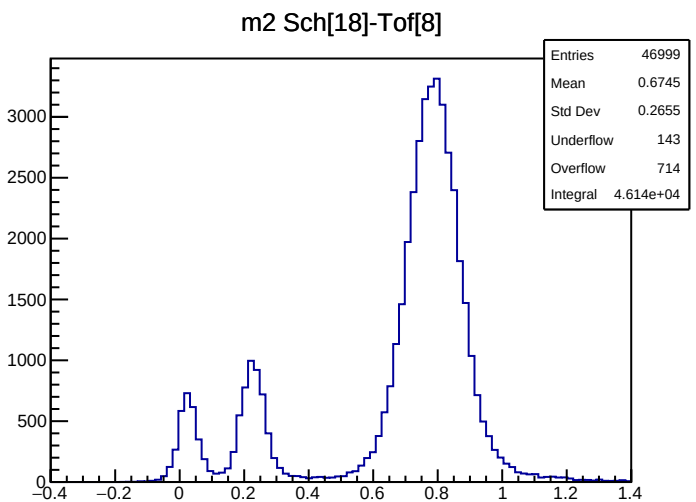

MissMass Sigma Sch[17]-Tof[8]
Entries 4509
Mean 1.199
Std Dev 0.03173
Underflow 10
Overflow 0
Integral 4499
900 800 700 600 500 400 300 200 100 0
0.8 0.9 1 1.1 1.2 1.3 1.4

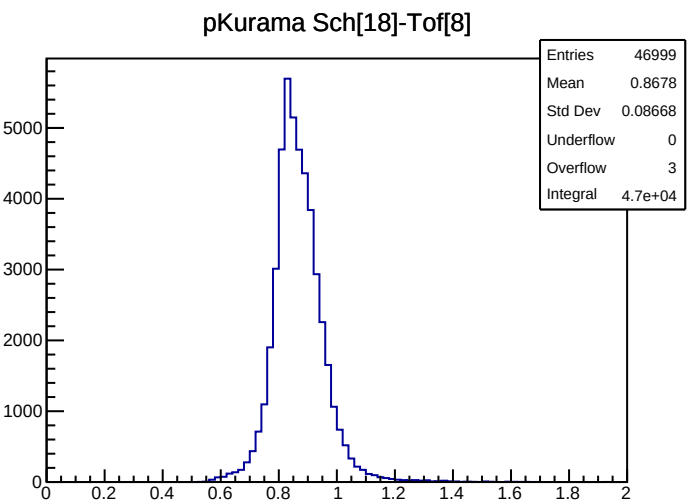

m2 Sch[17]-Tof[8]
Entries 51271
Mean 0.6751
Std Dev 0.261
Underflow 151
Overflow 843
Integral 5.028e+04
3500 3000 2500 2000 1500 1000 500 0
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

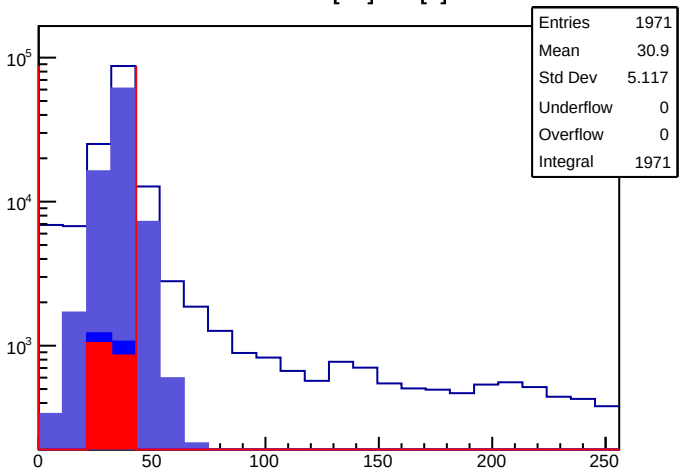

pKurama Sch[17]-Tof[8]
Entries 51271
Mean 0.9067
Std Dev 0.08929
Underflow 0
Overflow 1
Integral 5.127e+04
5000 4000 3000 2000 1000 0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

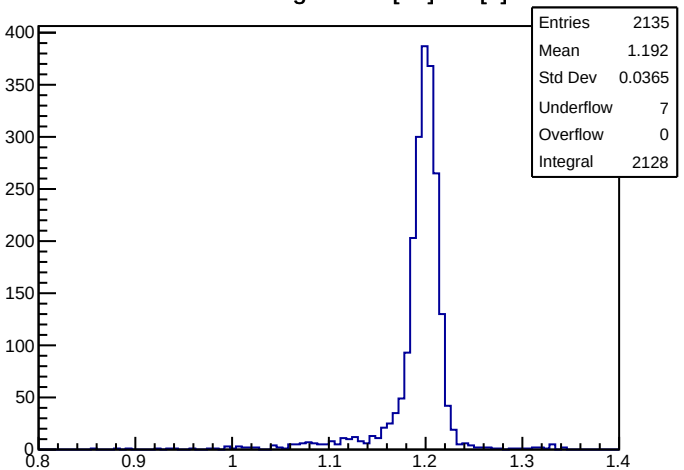

sftx all Sch[18]-Tof[8]
Entries 4120
Mean 38.75
Std Dev 5.655
Underflow 6
Overflow 0
Integral 4114

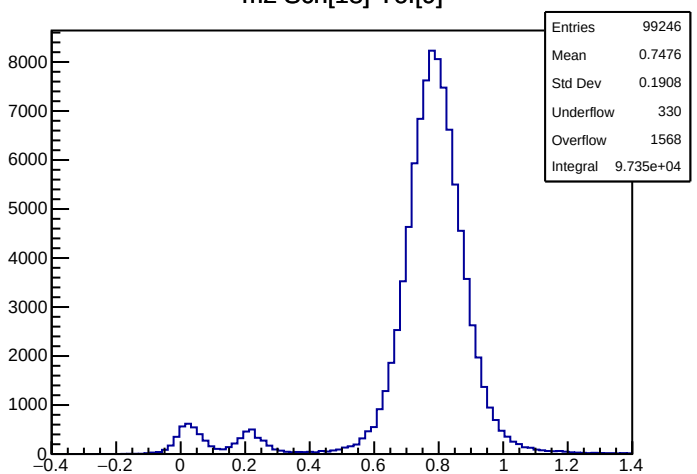

MissMass Sigma Sch[18]-Tof[8]
Entries 4349
Mean 1.202
Std Dev 0.03111
Underflow 15
Overflow 0
Integral 4334

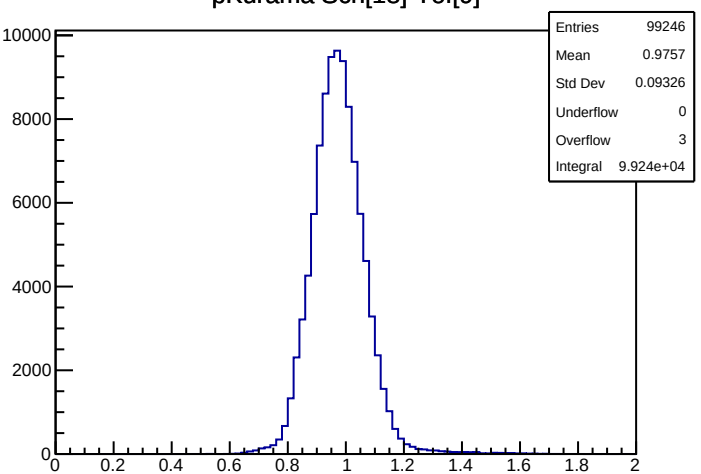

m2 Sch[18]-Tof[8]
Entries 46999
Mean 0.6745
Std Dev 0.2655
Underflow 143
Overflow 714
Integral 4.614e+04

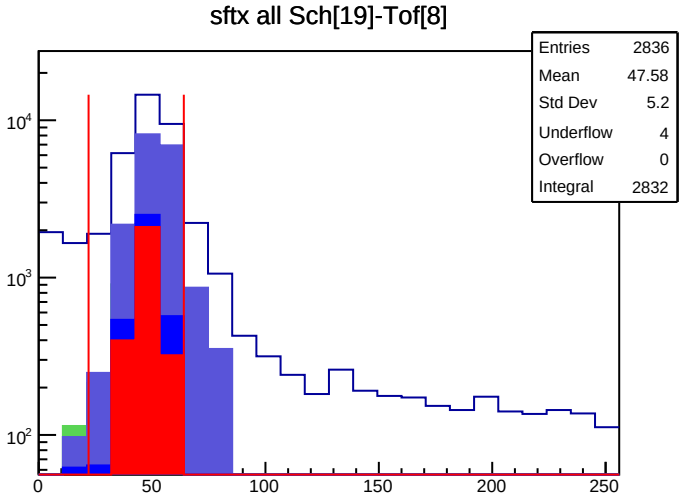

pKurama Sch[18]-Tof[8]
Entries 46999
Mean 0.8678
Std Dev 0.08668
Underflow 0
Overflow 3
Integral 4.7e+04

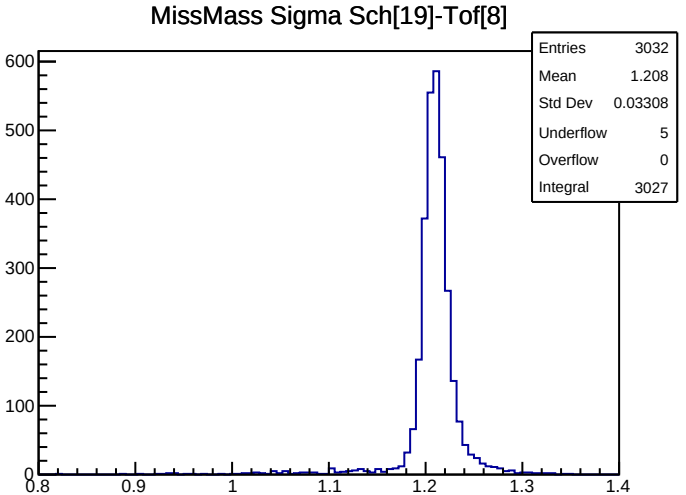

sftx all Sch[18]-Tof[9]
Entries 1971
Mean 30.9
Std Dev 5.117
Underflow 0
Overflow 0
Integral 1971

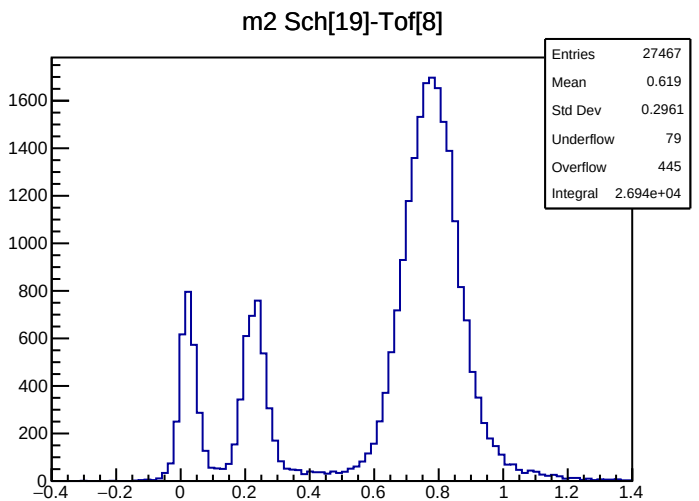

MissMass Sigma Sch[18]-Tof[9]
Entries 2135
Mean 1.192
Std Dev 0.0365
Underflow 7
Overflow 0
Integral 2128

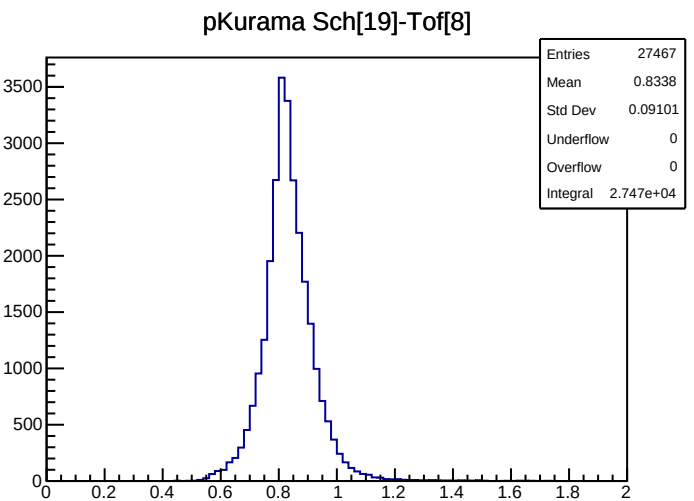

m2 Sch[18]-Tof[9]
Entries 99246
Mean 0.7476
Std Dev 0.1908
Underflow 330
Overflow 1568
Integral 9.735e+04

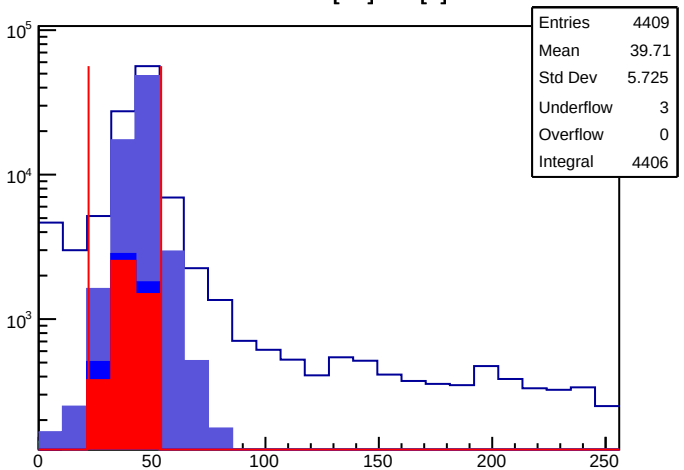

pKurama Sch[18]-Tof[9]
Entries 99246
Mean 0.9757
Std Dev 0.09326
Underflow 0
Overflow 3
Integral 9.924e+04

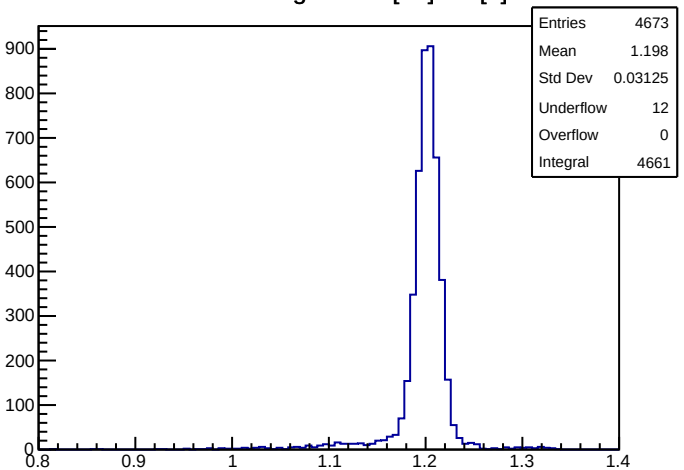

sftx all Sch[19]-Tof[8]
Entries 2836
Mean 47.58
Std Dev 5.2
Underflow 4
Overflow 0
Integral 2832

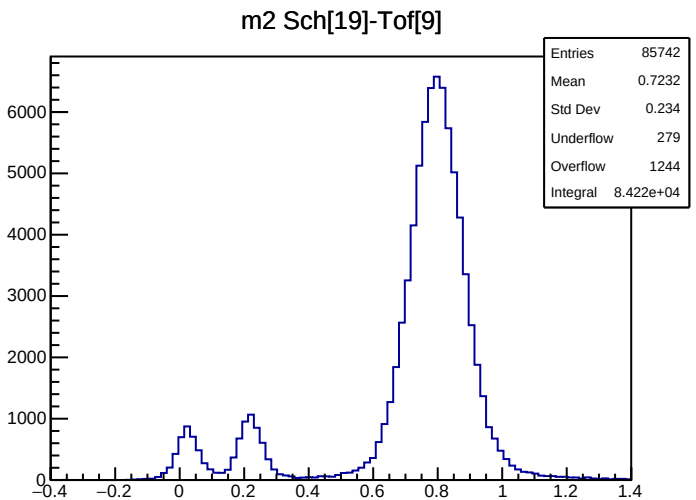

MissMass Sigma Sch[19]-Tof[8]
Entries 3032
Mean 1.208
Std Dev 0.03308
Underflow 5
Overflow 0
Integral 3027

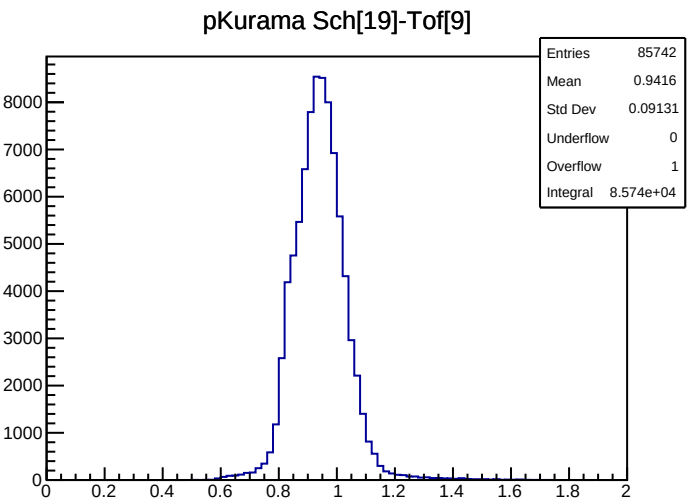

m2 Sch[19]-Tof[8]
Entries 27467
Mean 0.619
Std Dev 0.2961
Underflow 79
Overflow 445
Integral 2.694e+04

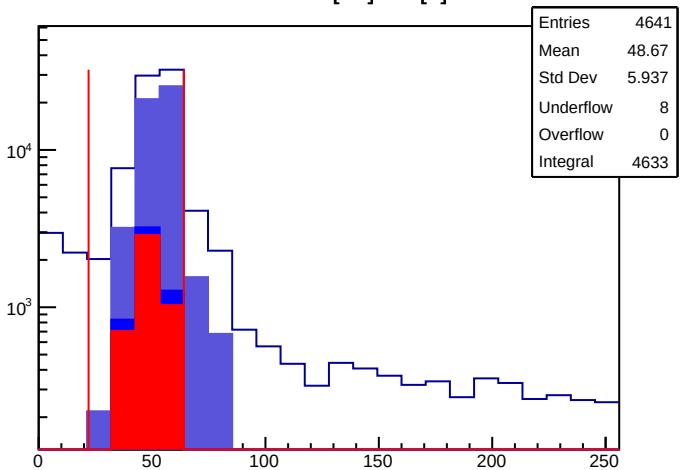

pKurama Sch[19]-Tof[8]
Entries 27467
Mean 0.8338
Std Dev 0.09101
Underflow 0
Overflow 0
Integral 2.747e+04

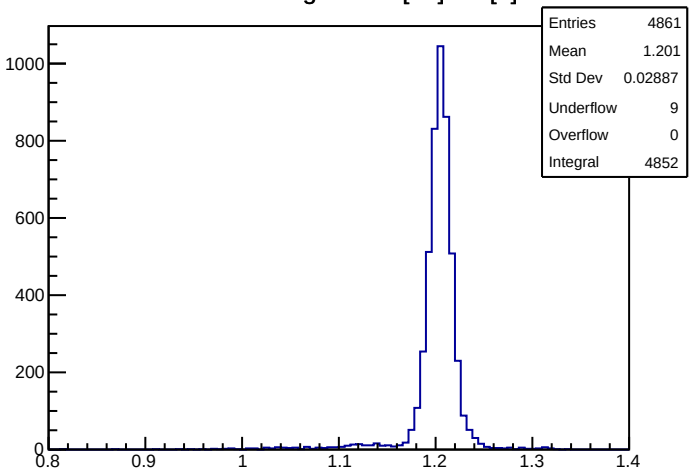

sftx all Sch[19]-Tof[9]
Entries 4409
Mean 39.71
Std Dev 5.725
Underflow 3
Overflow 0
Integral 4406

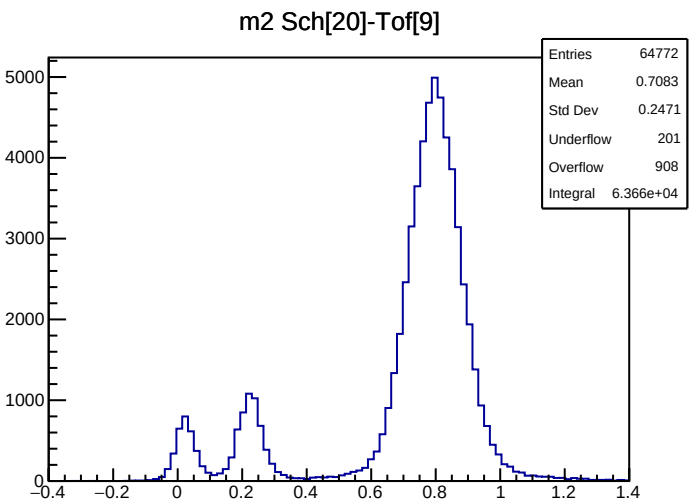

MissMass Sigma Sch[19]-Tof[9]
Entries 4673
Mean 1.198
Std Dev 0.03125
Underflow 12
Overflow 0
Integral 4661

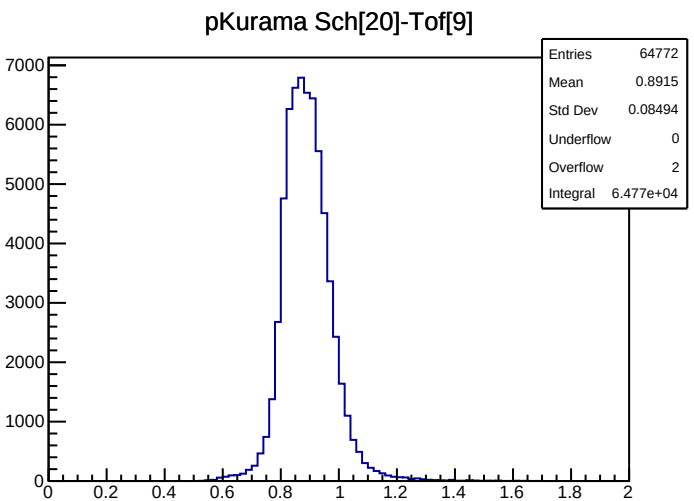

m2 Sch[19]-Tof[9]
Entries 85742
Mean 0.7232
Std Dev 0.234
Underflow 279
Overflow 1244
Integral 8.422e+04

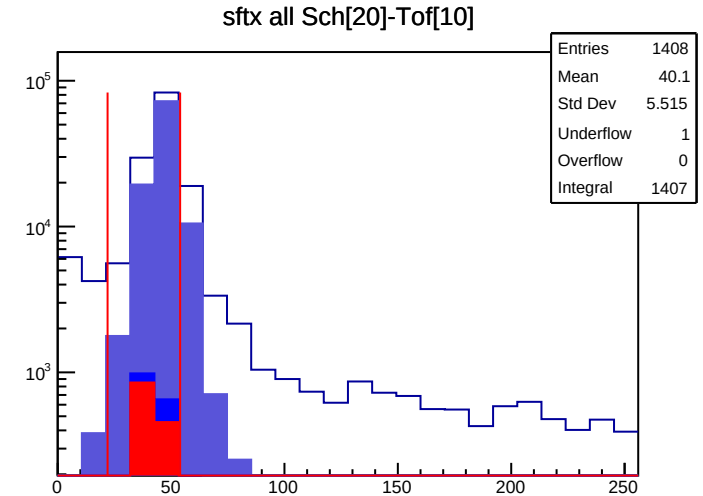

pKurama Sch[19]-Tof[9]
Entries 85742
Mean 0.9416
Std Dev 0.09131
Underflow 0
Overflow 1
Integral 8.574e+04

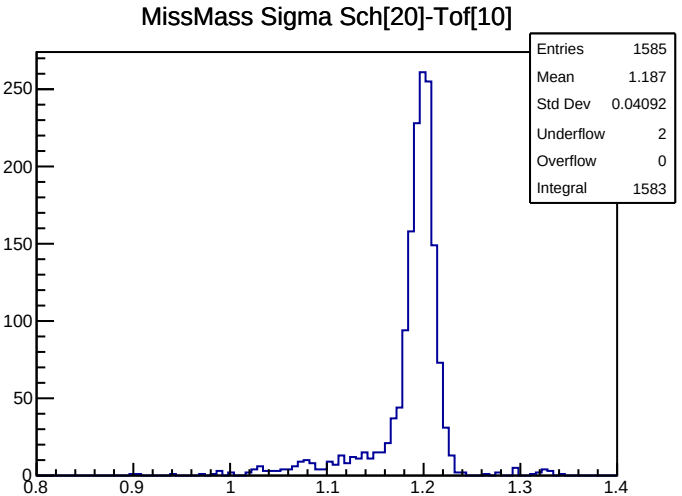

sftx all Sch[20]-Tof[9]
Entries 4641
Mean 48.67
Std Dev 5.937
Underflow 8
Overflow 0
Integral 4633
10^4
10^3
0
50
100
150
200
250

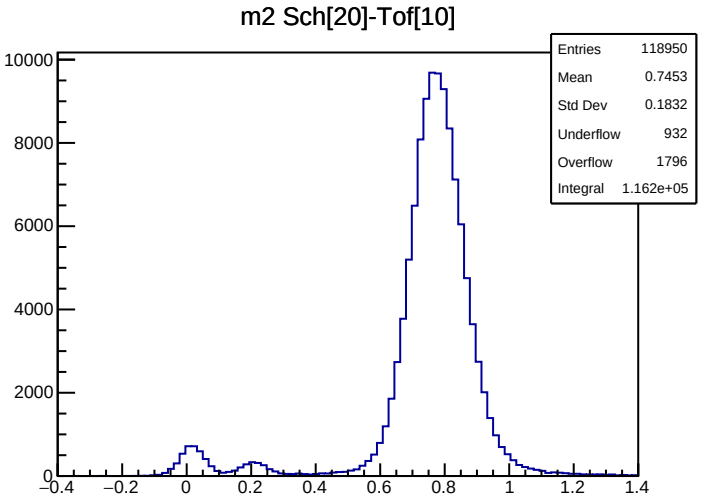

MissMass Sigma Sch[20]-Tof[9]
Entries 4861
Mean 1.201
Std Dev 0.02887
Underflow 9
Overflow 0
Integral 4852
1000
800
600
400
200
0
0.8
0.9
1
1.1
1.2
1.3
1.4

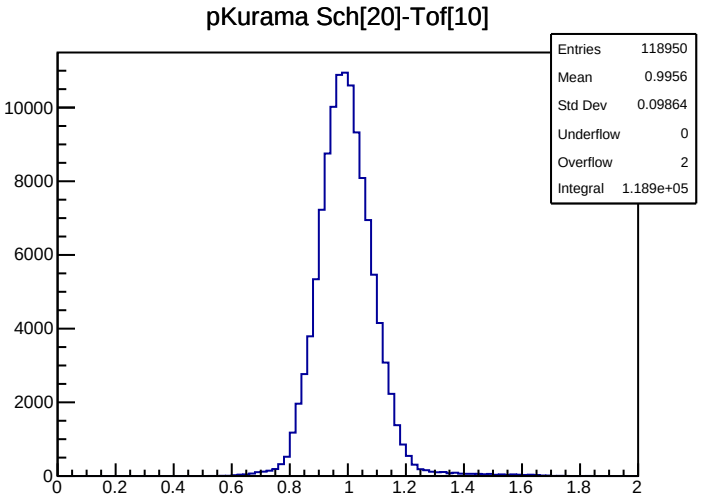

m2 Sch[20]-Tof[9]
Entries 64772
Mean 0.7083
Std Dev 0.2471
Underflow 201
Overflow 908
Integral 6.366e+04
5000
4000
3000
2000
1000
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

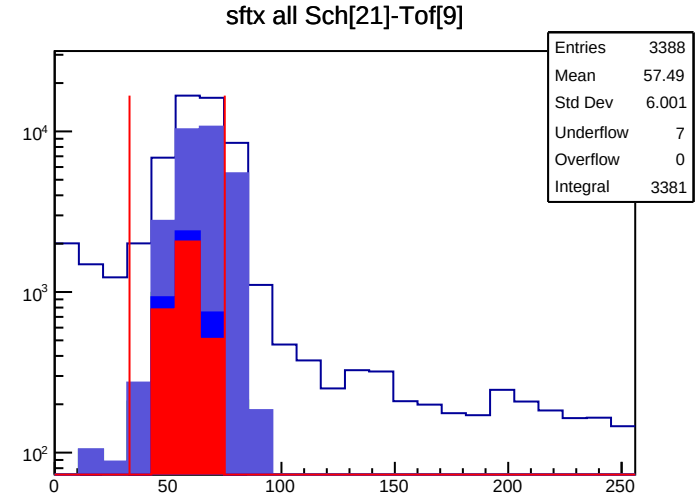

pKurama Sch[20]-Tof[9]
Entries 64772
Mean 0.8915
Std Dev 0.08494
Underflow 0
Overflow 2
Integral 6.477e+04
7000
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

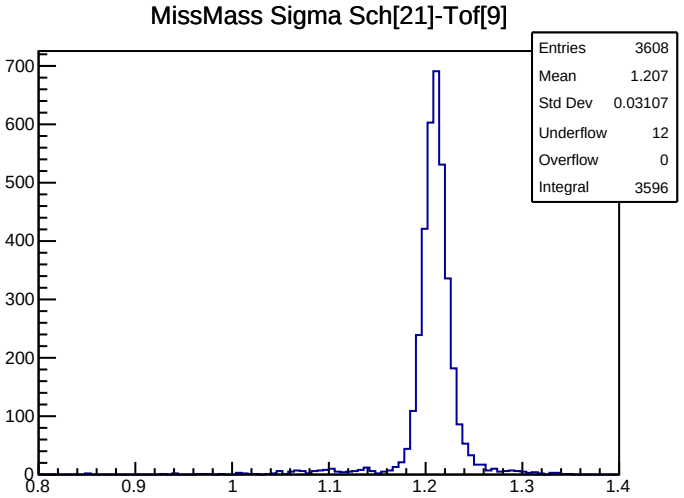

sftx all Sch[20]-Tof[10]
Entries 1408
Mean 40.1
Std Dev 5.515
Underflow 1
Overflow 0
Integral 1407

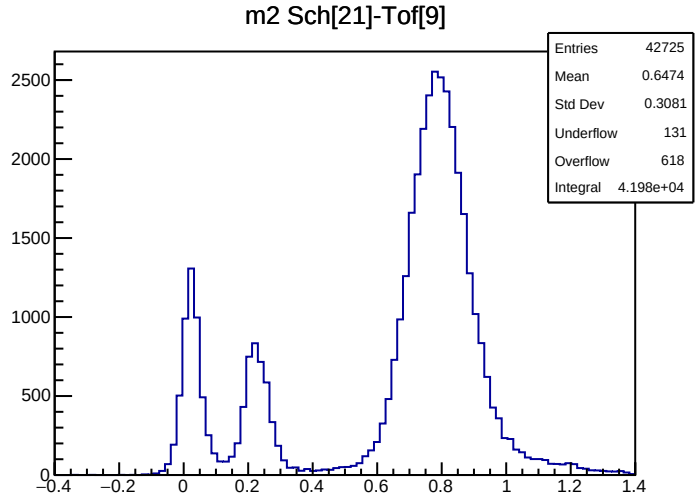

MissMass Sigma Sch[20]-Tof[10]
Entries 1585
Mean 1.187
Std Dev 0.04092
Underflow 2
Overflow 0
Integral 1583

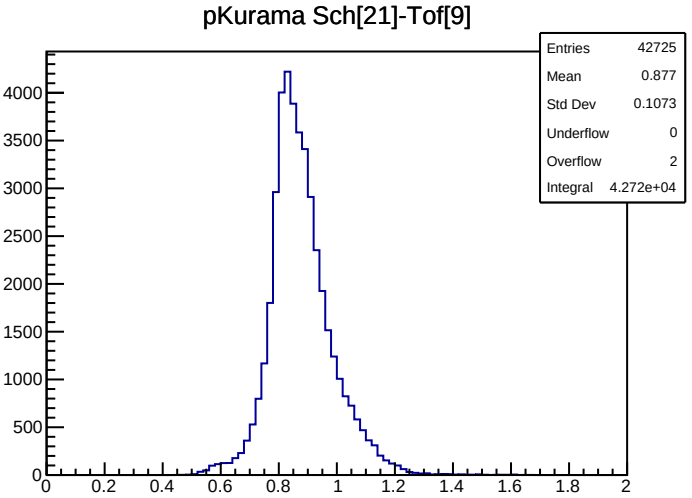

m2 Sch[20]-Tof[10]
Entries 118950
Mean 0.7453
Std Dev 0.1832
Underflow 932
Overflow 1796
Integral 1.162e+05

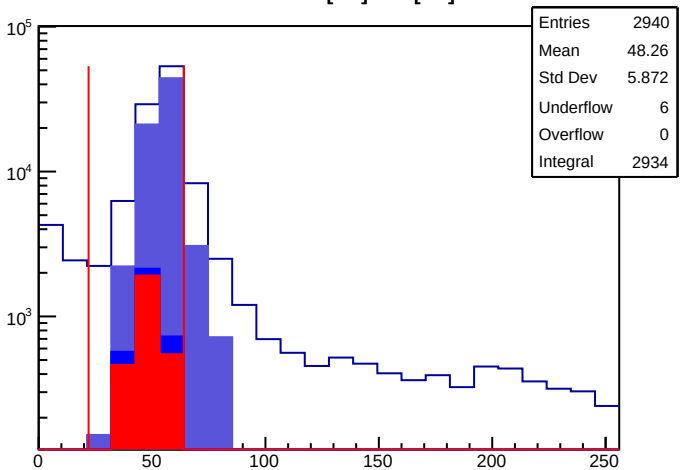

pKurama Sch[20]-Tof[10]
Entries 118950
Mean 0.9956
Std Dev 0.09864
Underflow 0
Overflow 2
Integral 1.189e+05

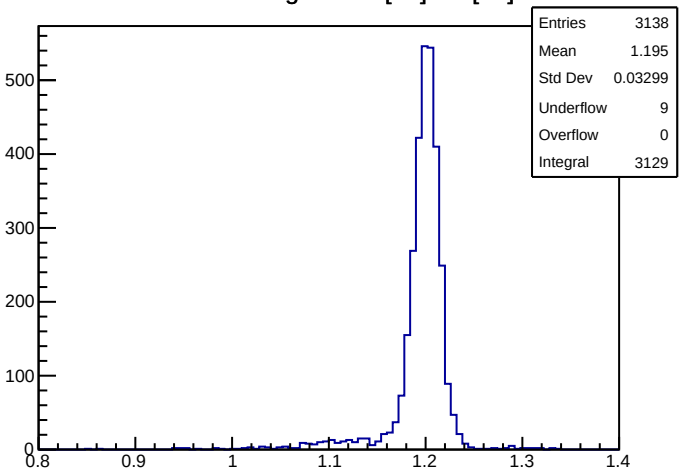

sftx all Sch[21]-Tof[9]
Entries 3388
Mean 57.49
Std Dev 6.001
Underflow 7
Overflow 0
Integral 3381

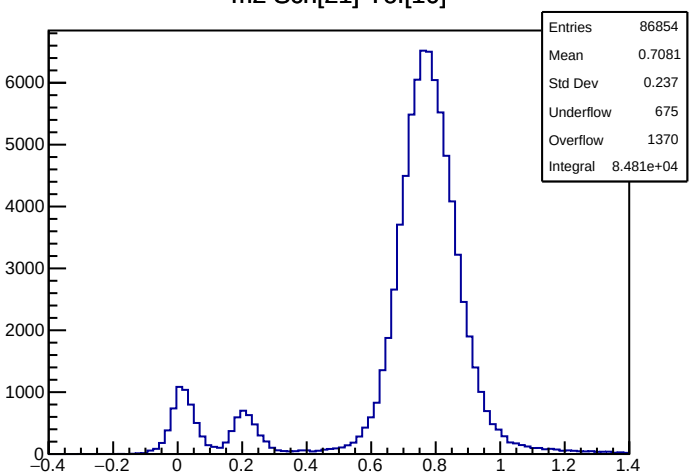

MissMass Sigma Sch[21]-Tof[9]
Entries 3608
Mean 1.207
Std Dev 0.03107
Underflow 12
Overflow 0
Integral 3596

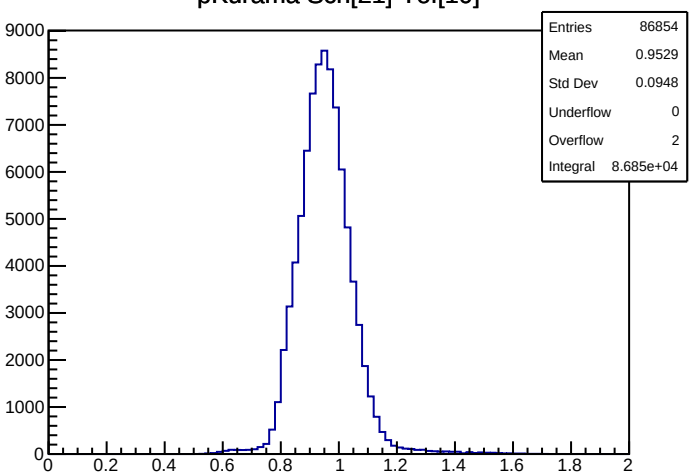

m2 Sch[21]-Tof[9]
Entries 42725
Mean 0.6474
Std Dev 0.3081
Underflow 131
Overflow 618
Integral 4.198e+04

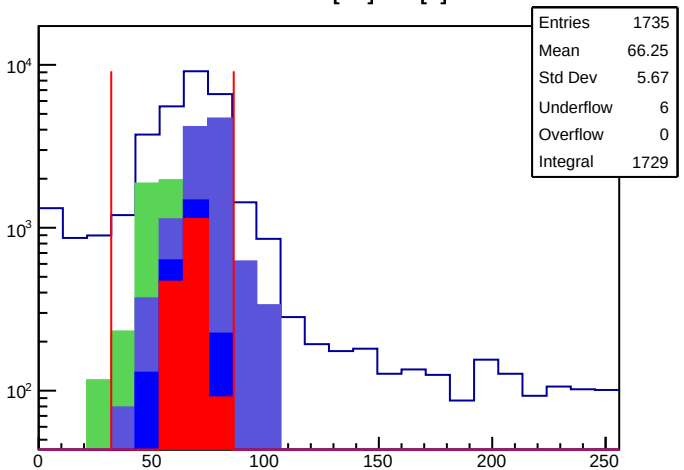

pKurama Sch[21]-Tof[9]
Entries 42725
Mean 0.877
Std Dev 0.1073
Underflow 0
Overflow 2
Integral 4.272e+04

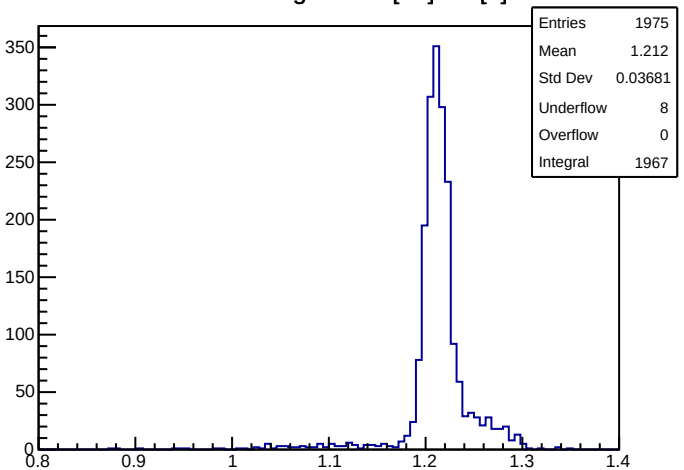

sftx all Sch[21]-Tof[10]
Entries 2940
Mean 48.26
Std Dev 5.872
Underflow 6
Overflow 0
Integral 2934

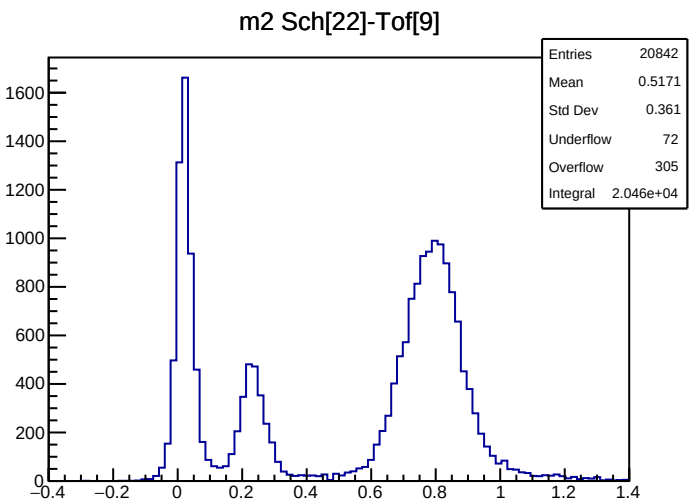

MissMass Sigma Sch[21]-Tof[10]
Entries 3138
Mean 1.195
Std Dev 0.03299
Underflow 9
Overflow 0
Integral 3129

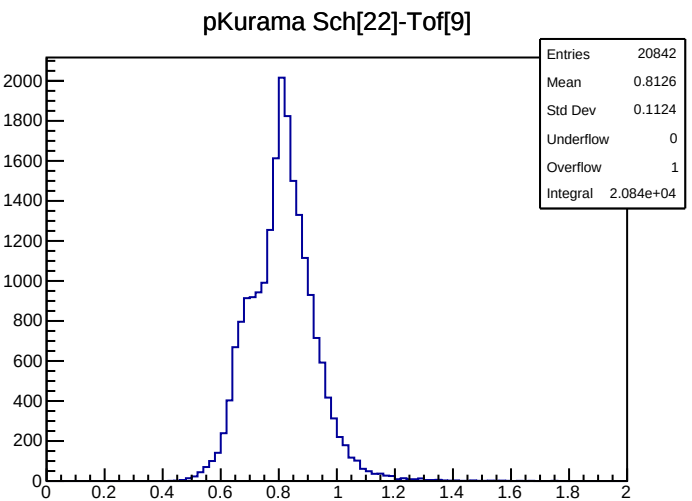

m2 Sch[21]-Tof[10]
Entries 86854
Mean 0.7081
Std Dev 0.237
Underflow 675
Overflow 1370
Integral 8.481e+04

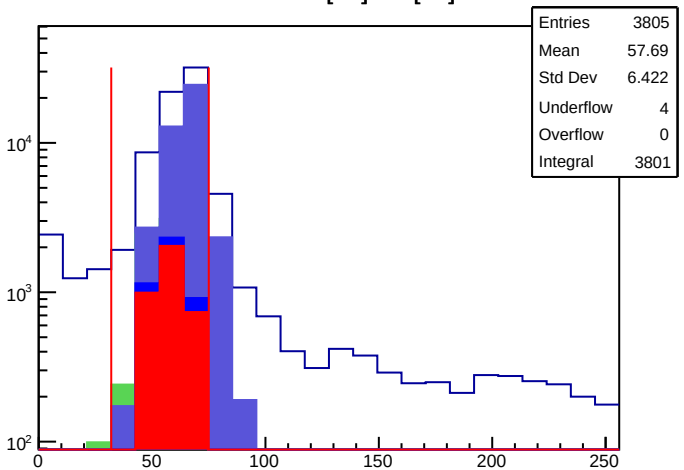

pKurama Sch[21]-Tof[10]
Entries 86854
Mean 0.9529
Std Dev 0.0948
Underflow 0
Overflow 2
Integral 8.685e+04

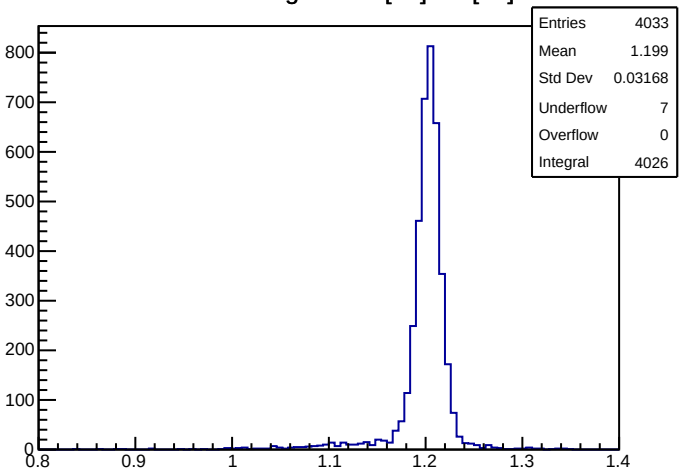

sftx all Sch[22]-Tof[9]
Entries 1735
Mean 66.25
Std Dev 5.67
Underflow 6
Overflow 0
Integral 1729

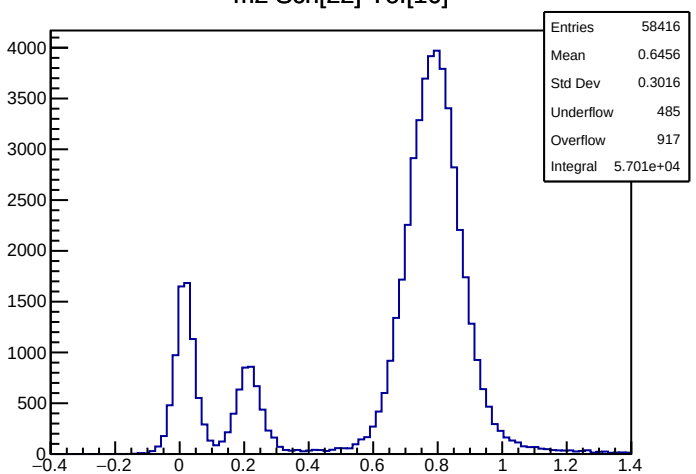

MissMass Sigma Sch[22]-Tof[9]
Entries 1975
Mean 1.212
Std Dev 0.03681
Underflow 8
Overflow 0
Integral 1967

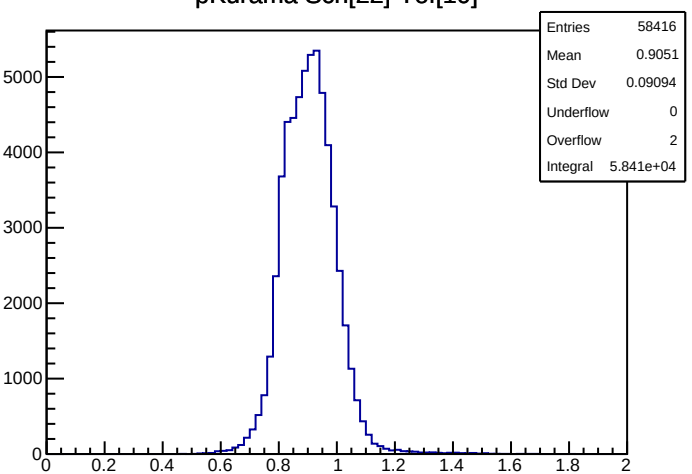

m2 Sch[22]-Tof[9]
Entries 20842
Mean 0.5171
Std Dev 0.361
Underflow 72
Overflow 305
Integral 2.046e+04

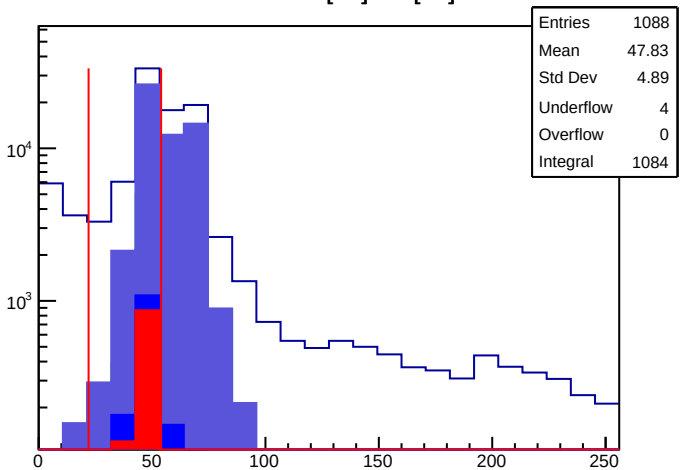

pKurama Sch[22]-Tof[9]
Entries 20842
Mean 0.8126
Std Dev 0.1124
Underflow 0
Overflow 1
Integral 2.084e+04

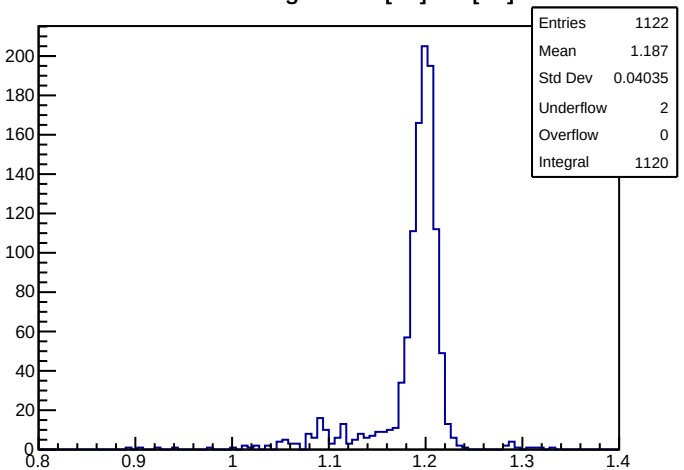

sftx all Sch[22]-Tof[10]
Entries 3805
Mean 57.69
Std Dev 6.422
Underflow 4
Overflow 0
Integral 3801

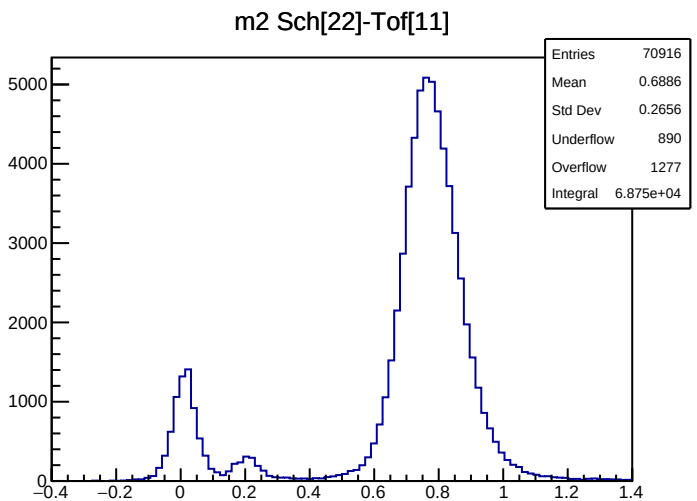

MissMass Sigma Sch[22]-Tof[10]
Entries 4033
Mean 1.199
Std Dev 0.03168
Underflow 7
Overflow 0
Integral 4026

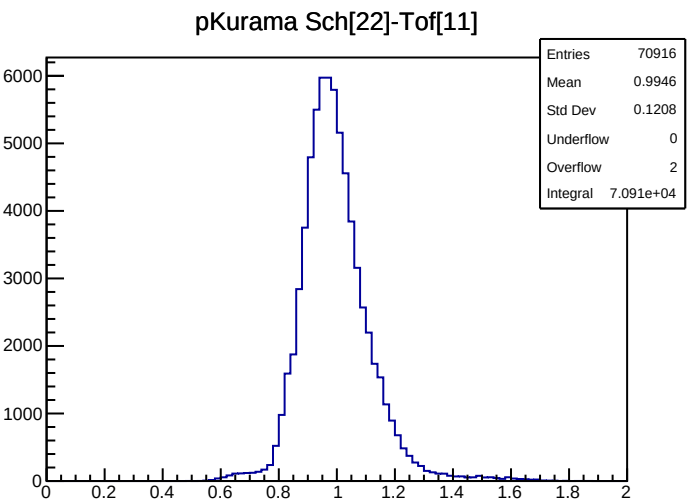

m2 Sch[22]-Tof[10]
Entries 58416
Mean 0.6456
Std Dev 0.3016
Underflow 485
Overflow 917
Integral 5.701e+04

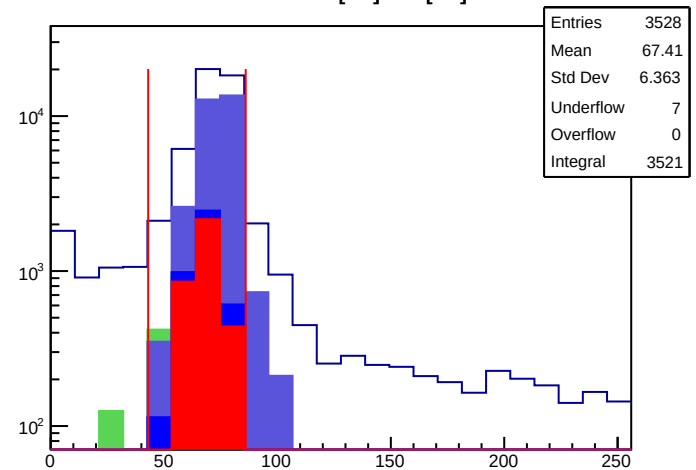

pKurama Sch[22]-Tof[10]
Entries 58416
Mean 0.9051
Std Dev 0.09094
Underflow 0
Overflow 2
Integral 5.841e+04

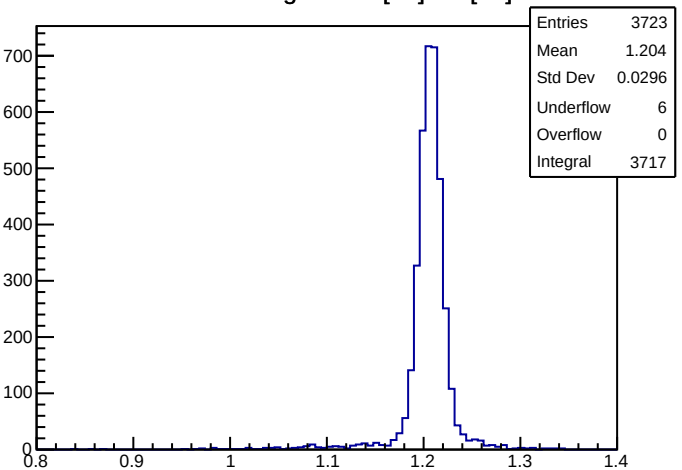

sftx all Sch[22]-Tof[11]
Entries 1088
Mean 47.83
Std Dev 4.89
Underflow 4
Overflow 0
Integral 1084
10^4
10^3
0
50
100
150
200
250

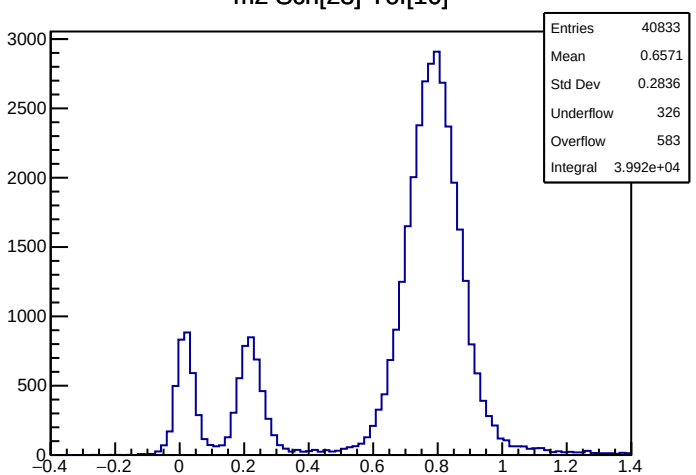

MissMass Sigma Sch[22]-Tof[11]
Entries 1122
Mean 1.187
Std Dev 0.04035
Underflow 2
Overflow 0
Integral 1120
200
180
160
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

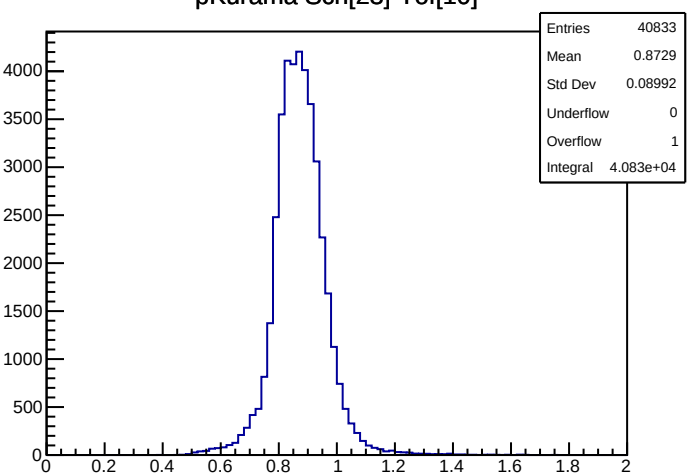

m2 Sch[22]-Tof[11]
Entries 70916
Mean 0.6886
Std Dev 0.2656
Underflow 890
Overflow 1277
Integral 6.875e+04
5000
4000
3000
2000
1000
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

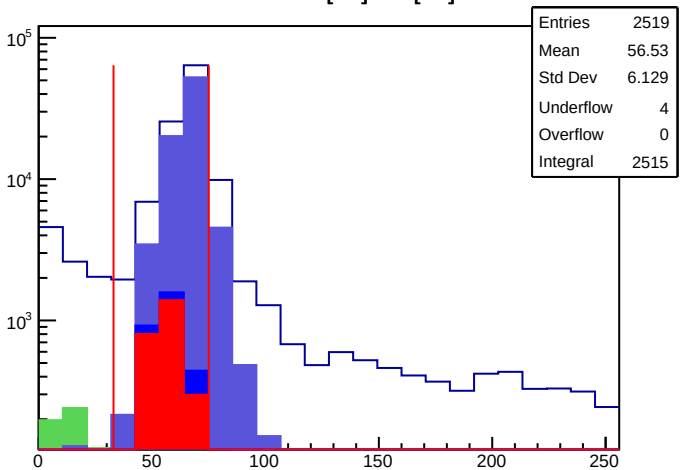

pKurama Sch[22]-Tof[11]
Entries 70916
Mean 0.9946
Std Dev 0.1208
Underflow 0
Overflow 2
Integral 7.091e+04
6000
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

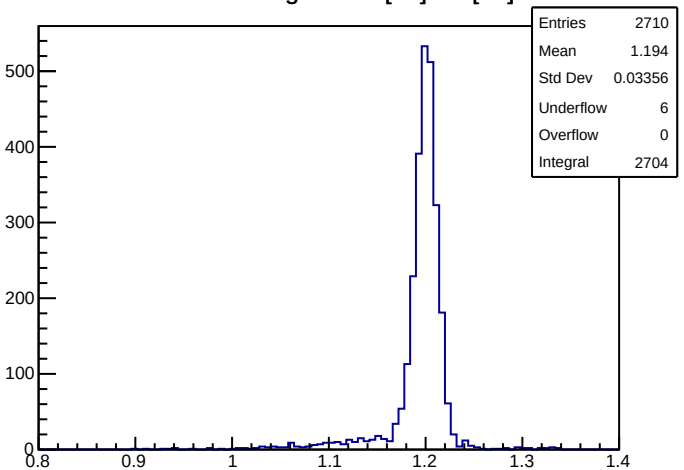

sftx all Sch[23]-Tof[10]
Entries 3528
Mean 67.41
Std Dev 6.363
Underflow 7
Overflow 0
Integral 3521

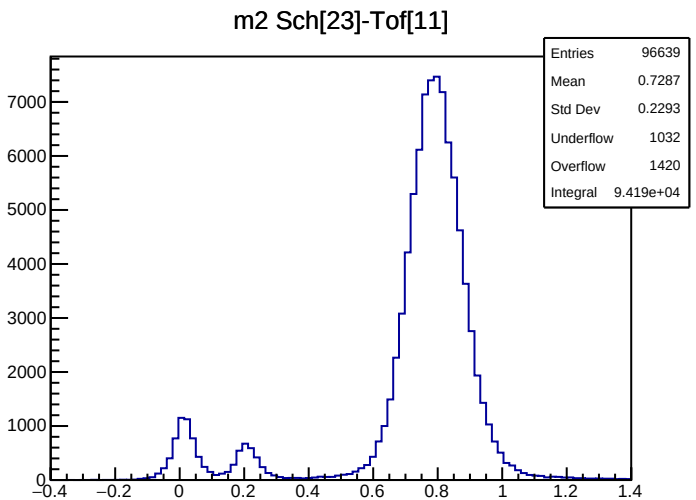

MissMass Sigma Sch[23]-Tof[10]
Entries 3723
Mean 1.204
Std Dev 0.0296
Underflow 6
Overflow 0
Integral 3717

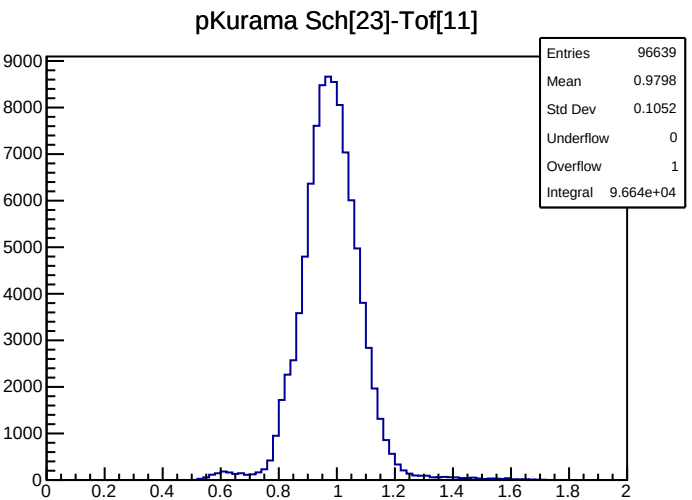

m2 Sch[23]-Tof[10]
Entries 40833
Mean 0.6571
Std Dev 0.2836
Underflow 326
Overflow 583
Integral 3.992e+04

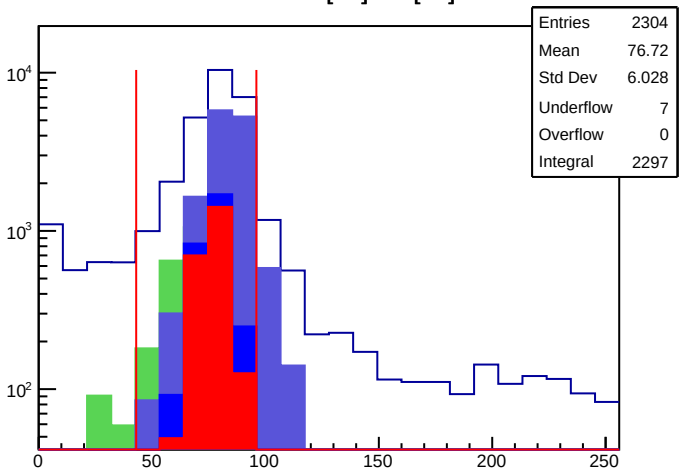

pKurama Sch[23]-Tof[10]
Entries 40833
Mean 0.8729
Std Dev 0.08992
Underflow 0
Overflow 1
Integral 4.083e+04

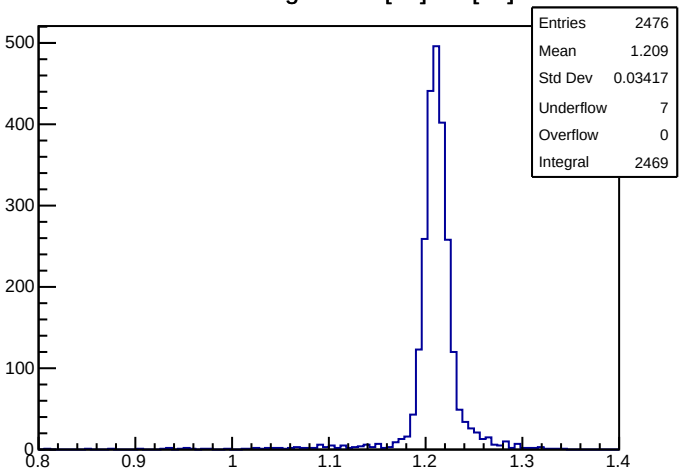

sftx all Sch[23]-Tof[11]
Entries 2519
Mean 56.53
Std Dev 6.129
Underflow 4
Overflow 0
Integral 2515

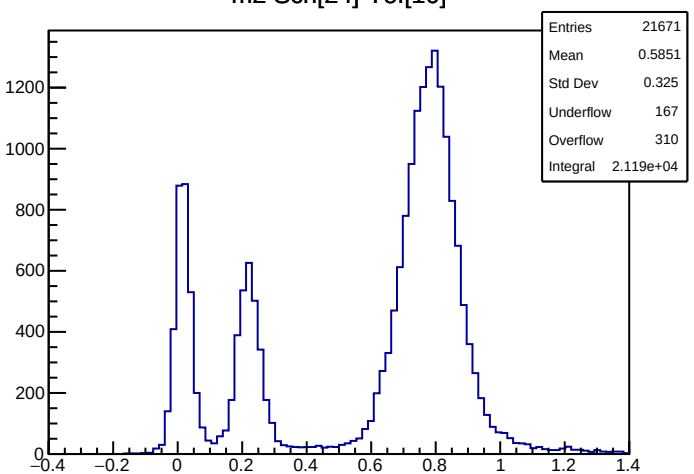

MissMass Sigma Sch[23]-Tof[11]
Entries 2710
Mean 1.194
Std Dev 0.03356
Underflow 6
Overflow 0
Integral 2704

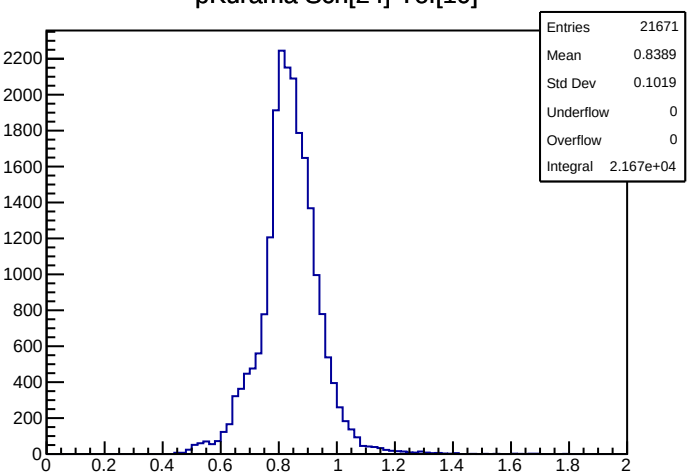

m2 Sch[23]-Tof[11]
Entries 96639
Mean 0.7287
Std Dev 0.2293
Underflow 1032
Overflow 1420
Integral 9.419e+04

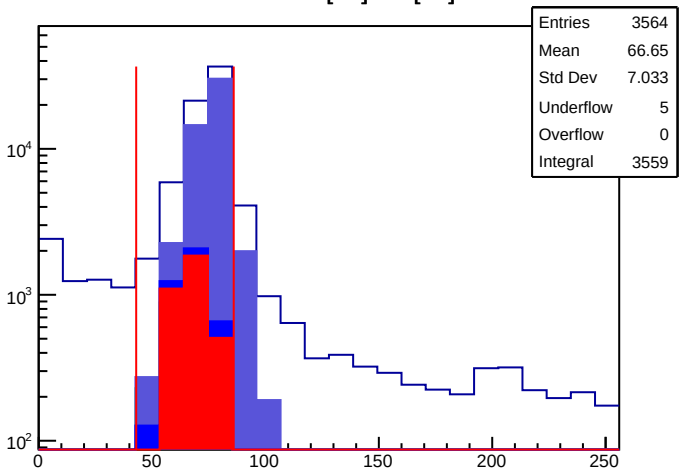

pKurama Sch[23]-Tof[11]
Entries 96639
Mean 0.9798
Std Dev 0.1052
Underflow 0
Overflow 1
Integral 9.664e+04

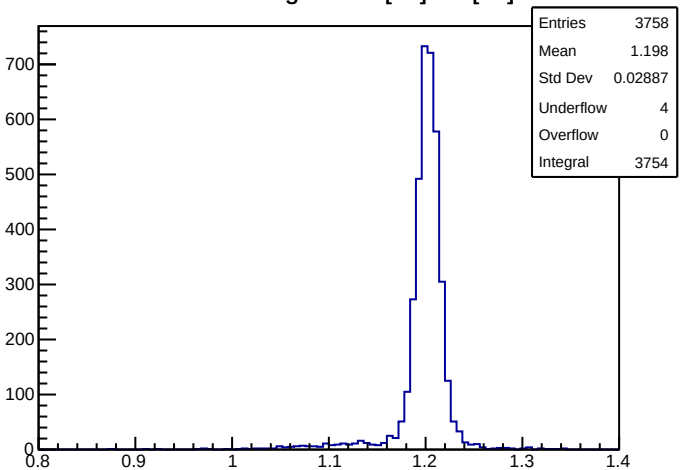

sftx all Sch[24]-Tof[10]
Entries 2304
Mean 76.72
Std Dev 6.028
Underflow 7
Overflow 0
Integral 2297

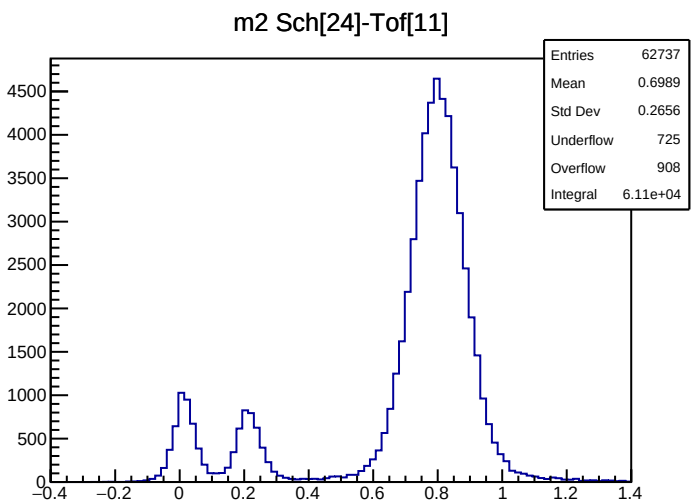

MissMass Sigma Sch[24]-Tof[10]
Entries 2476
Mean 1.209
Std Dev 0.03417
Underflow 7
Overflow 0
Integral 2469

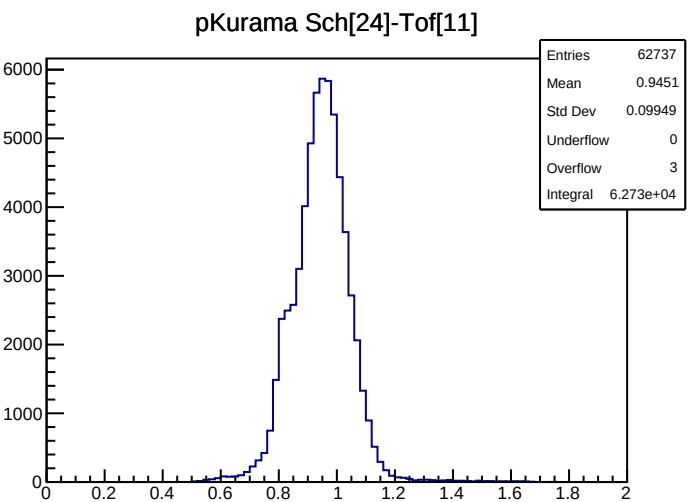

m2 Sch[24]-Tof[10]
Entries 21671
Mean 0.5851
Std Dev 0.325
Underflow 167
Overflow 310
Integral 2.119e+04

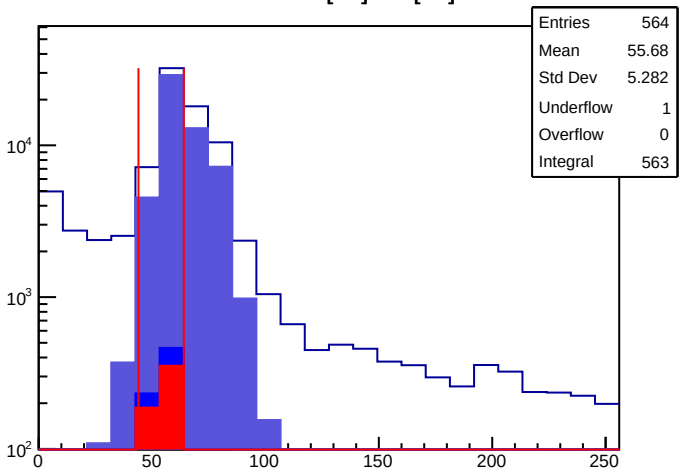

pKurama Sch[24]-Tof[10]
Entries 21671
Mean 0.8389
Std Dev 0.1019
Underflow 0
Overflow 0
Integral 2.167e+04

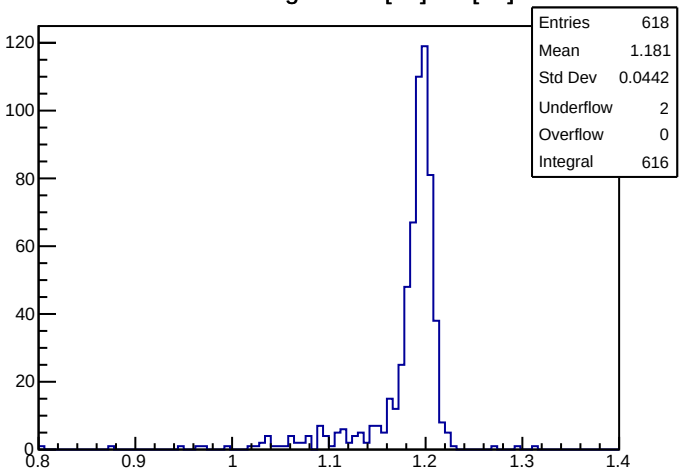

sftx all Sch[24]-Tof[11]
Entries 3564
Mean 66.65
Std Dev 7.033
Underflow 5
Overflow 0
Integral 3559

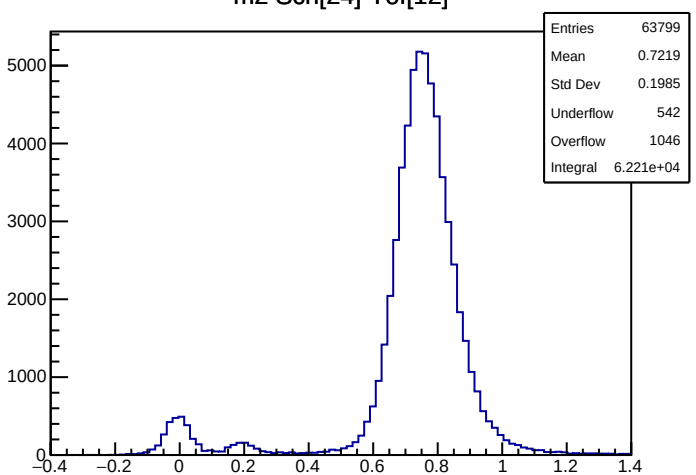

MissMass Sigma Sch[24]-Tof[11]
Entries 3758
Mean 1.198
Std Dev 0.02887
Underflow 4
Overflow 0
Integral 3754

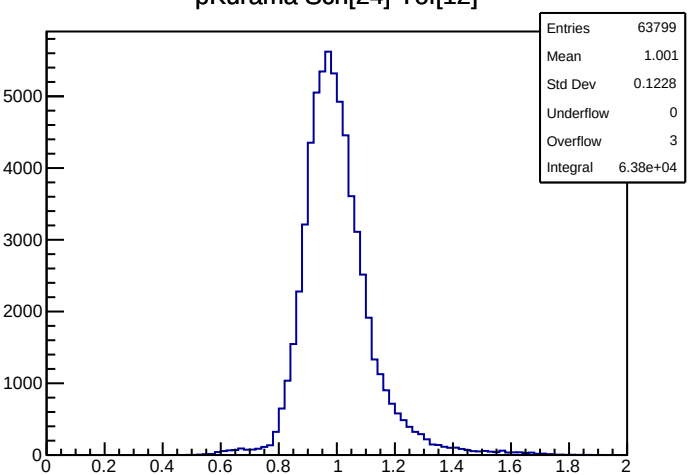

m2 Sch[24]-Tof[11]
Entries 62737
Mean 0.6989
Std Dev 0.2656
Underflow 725
Overflow 908
Integral 6.11e+04

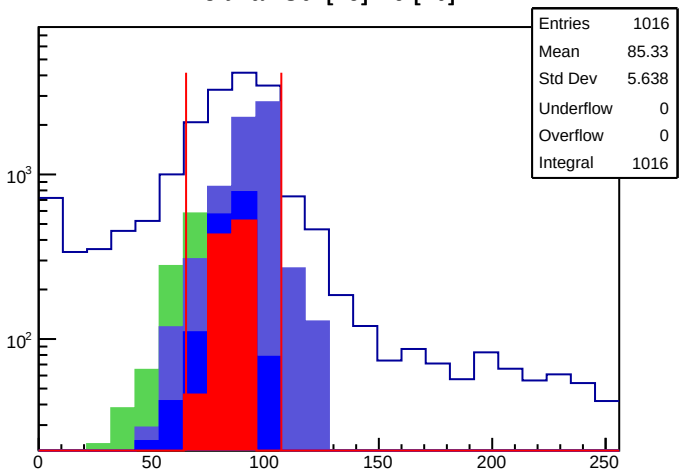

pKurama Sch[24]-Tof[11]
Entries 62737
Mean 0.9451
Std Dev 0.09949
Underflow 0
Overflow 3
Integral 6.273e+04

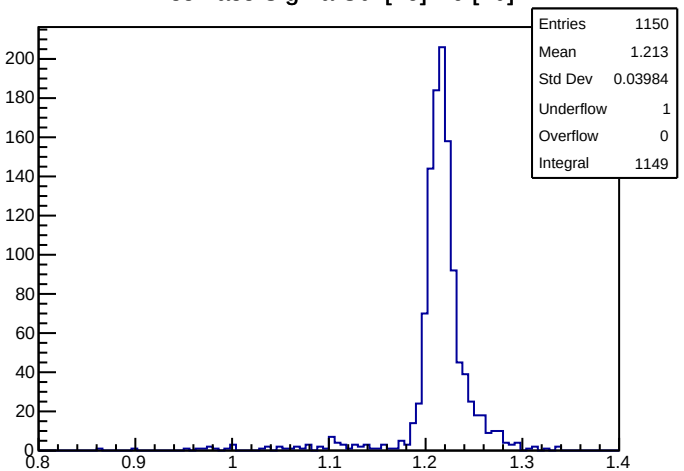

sftx all Sch[24]-Tof[12]
Entries 564
Mean 55.68
Std Dev 5.282
Underflow 1
Overflow 0
Integral 563

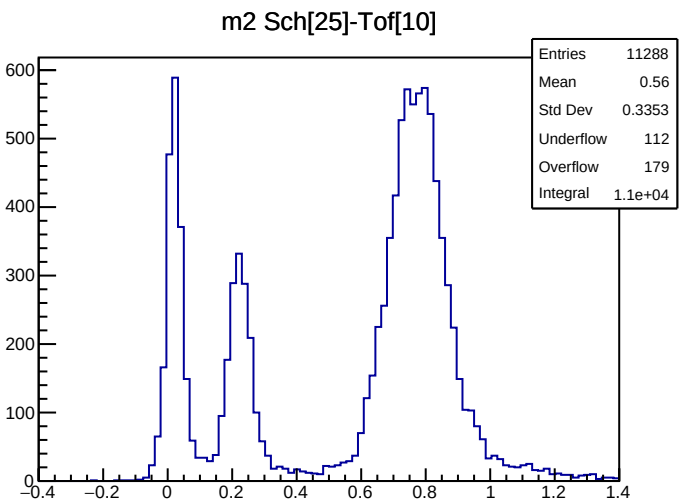

MissMass Sigma Sch[24]-Tof[12]
Entries 618
Mean 1.181
Std Dev 0.0442
Underflow 2
Overflow 0
Integral 616

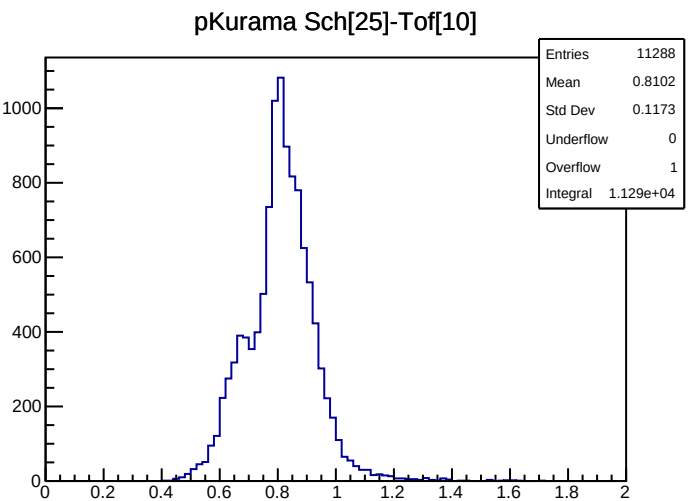

m2 Sch[24]-Tof[12]
Entries 63799
Mean 0.7219
Std Dev 0.1985
Underflow 542
Overflow 1046
Integral 6.221e+04

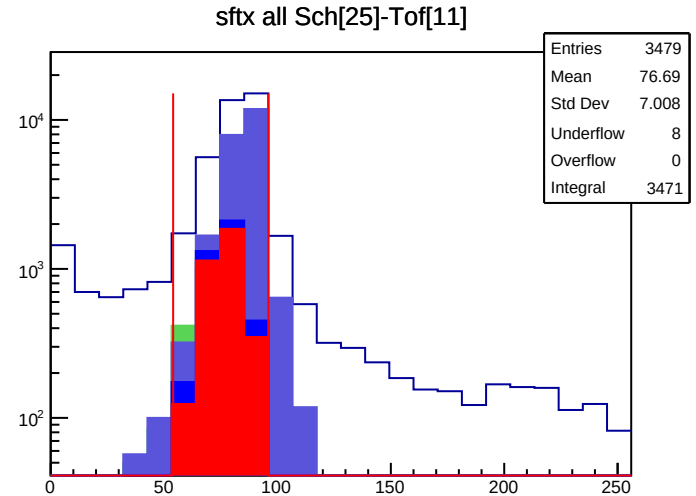

pKurama Sch[24]-Tof[12]
Entries 63799
Mean 1.001
Std Dev 0.1228
Underflow 0
Overflow 3
Integral 6.38e+04

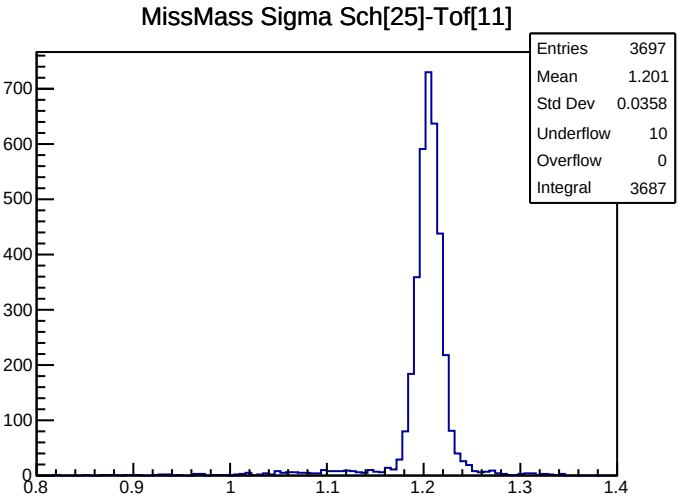

sftx all Sch[25]-Tof[10]
Entries 1016
Mean 85.33
Std Dev 5.638
Underflow 0
Overflow 0
Integral 1016

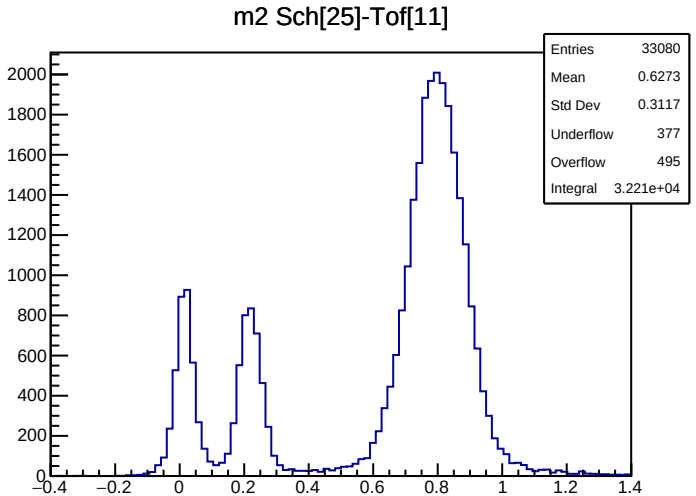

MissMass Sigma Sch[25]-Tof[10]
Entries 1150
Mean 1.213
Std Dev 0.03984
Underflow 1
Overflow 0
Integral 1149

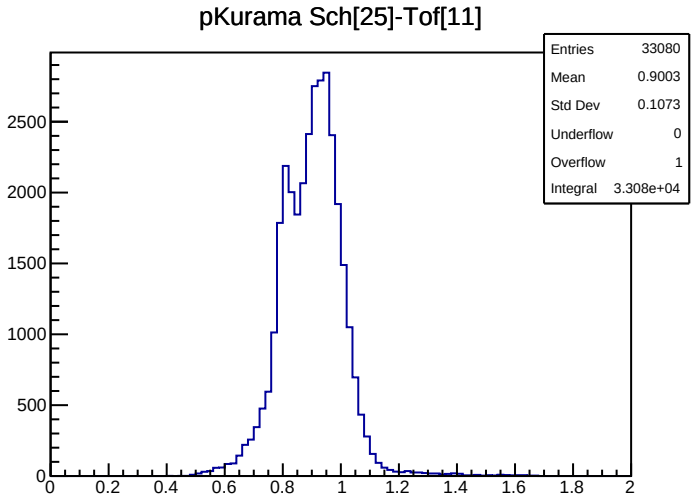

m2 Sch[25]-Tof[10]
Entries 11288
Mean 0.56
Std Dev 0.3353
Underflow 112
Overflow 179
Integral 1.1e+04

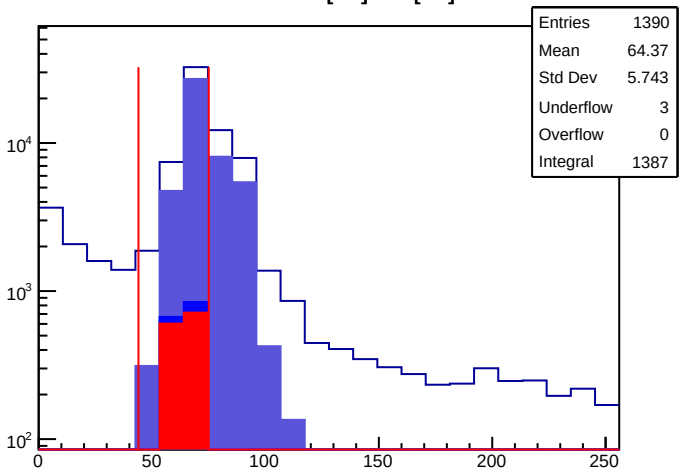

pKurama Sch[25]-Tof[10]
Entries 11288
Mean 0.8102
Std Dev 0.1173
Underflow 0
Overflow 1
Integral 1.129e+04

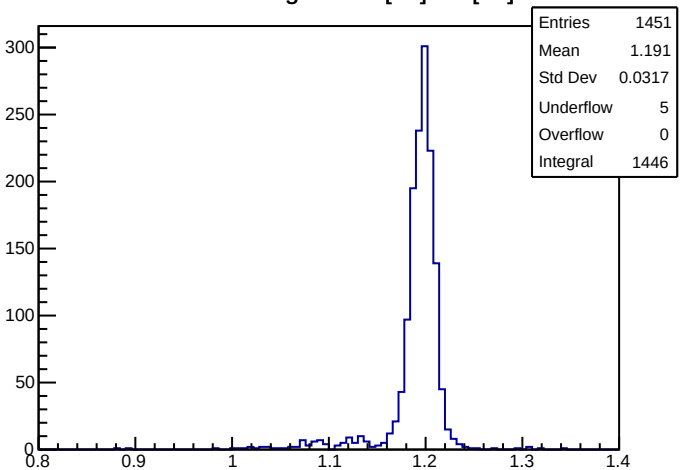

sftx all Sch[25]-Tof[11]
Entries 3479
Mean 76.69
Std Dev 7.008
Underflow 8
Overflow 0
Integral 3471

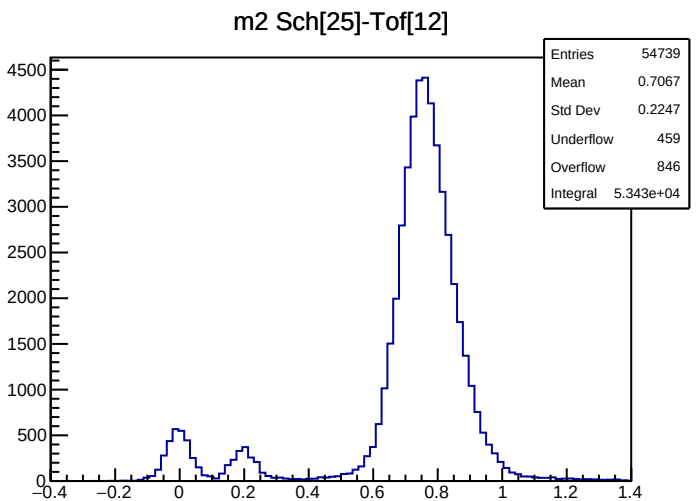

MissMass Sigma Sch[25]-Tof[11]
Entries 3697
Mean 1.201
Std Dev 0.0358
Underflow 10
Overflow 0
Integral 3687

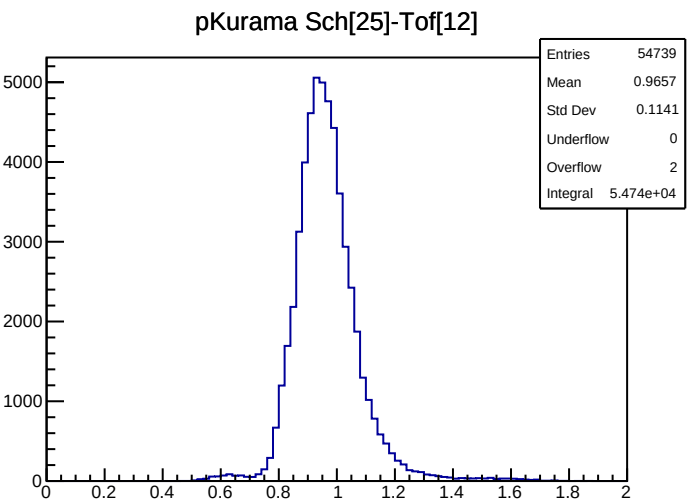

m2 Sch[25]-Tof[11]
Entries 33080
Mean 0.6273
Std Dev 0.3117
Underflow 377
Overflow 495
Integral 3.221e+04

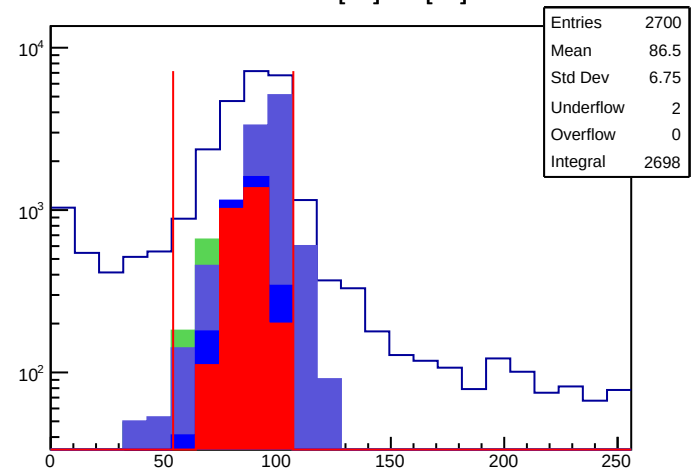

pKurama Sch[25]-Tof[11]
Entries 33080
Mean 0.9003
Std Dev 0.1073
Underflow 0
Overflow 1
Integral 3.308e+04

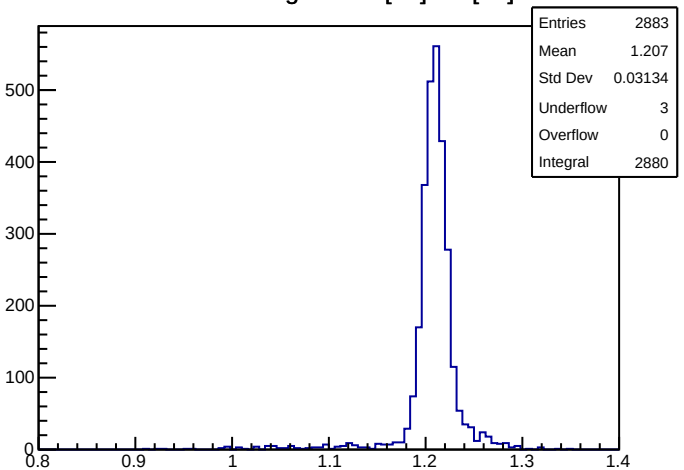

sftx all Sch[25]-Tof[12]
Entries 1390
Mean 64.37
Std Dev 5.743
Underflow 3
Overflow 0
Integral 1387

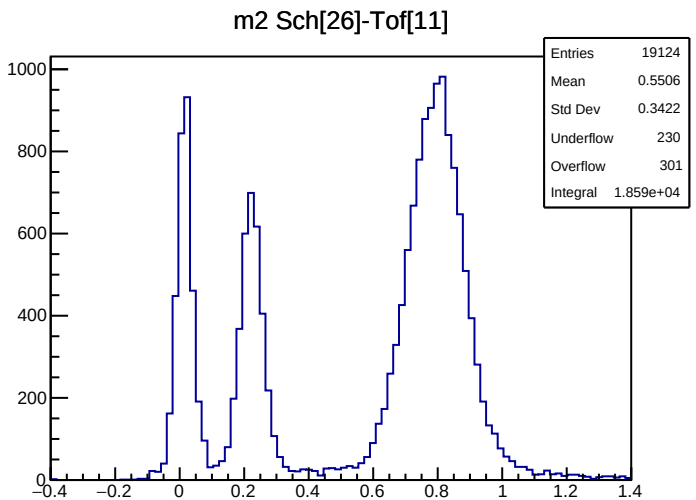

MissMass Sigma Sch[25]-Tof[12]
Entries 1451
Mean 1.191
Std Dev 0.0317
Underflow 5
Overflow 0
Integral 1446

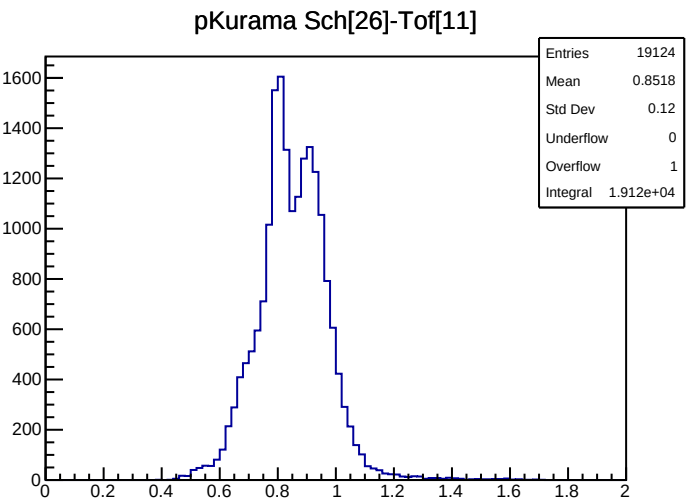

m2 Sch[25]-Tof[12]
Entries 54739
Mean 0.7067
Std Dev 0.2247
Underflow 459
Overflow 846
Integral 5.343e+04

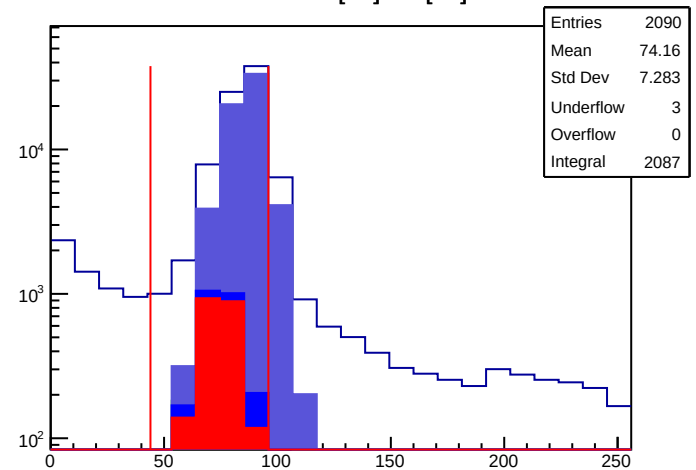

pKurama Sch[25]-Tof[12]
Entries 54739
Mean 0.9657
Std Dev 0.1141
Underflow 0
Overflow 2
Integral 5.474e+04

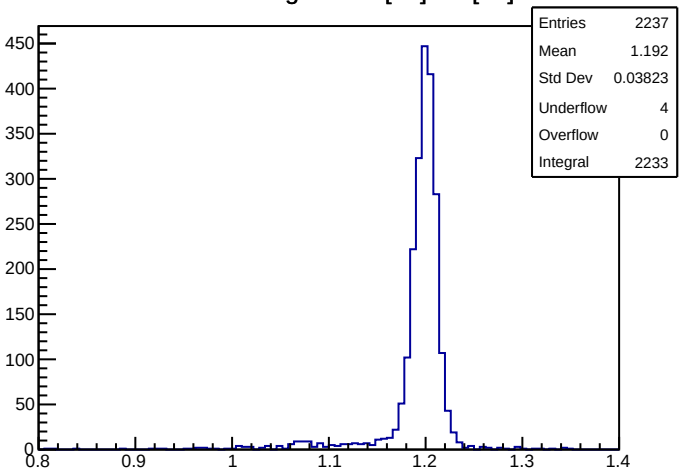

sftx all Sch[26]-Tof[11]
Entries 2700
Mean 86.5
Std Dev 6.75
Underflow 2
Overflow 0
Integral 2698

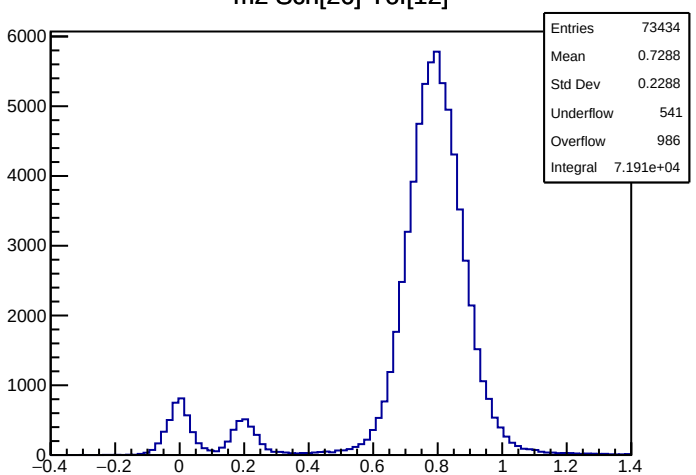

MissMass Sigma Sch[26]-Tof[11]
Entries 2883
Mean 1.207
Std Dev 0.03134
Underflow 3
Overflow 0
Integral 2880

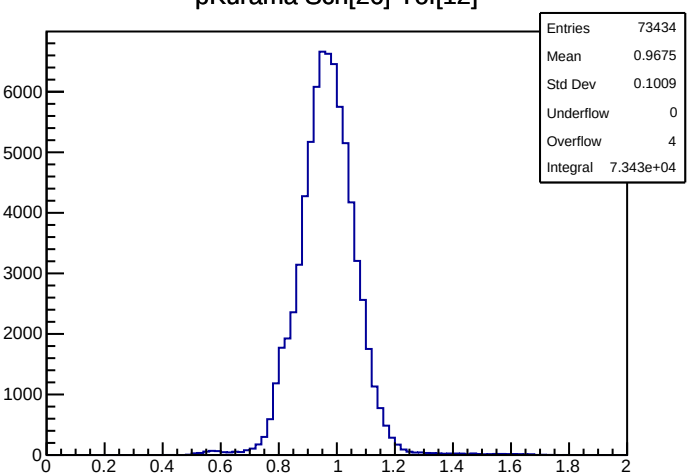

m2 Sch[26]-Tof[11]
Entries 19124
Mean 0.5506
Std Dev 0.3422
Underflow 230
Overflow 301
Integral 1.859e+04

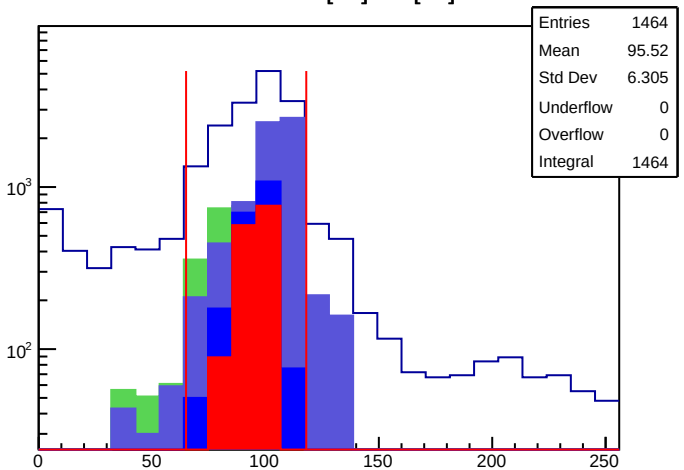

pKurama Sch[26]-Tof[11]
Entries 19124
Mean 0.8518
Std Dev 0.12
Underflow 0
Overflow 1
Integral 1.912e+04

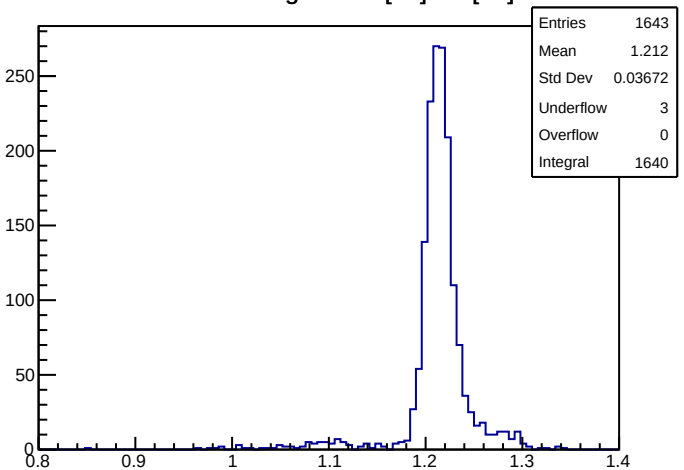

sftx all Sch[26]-Tof[12]
Entries 2090
Mean 74.16
Std Dev 7.283
Underflow 3
Overflow 0
Integral 2087

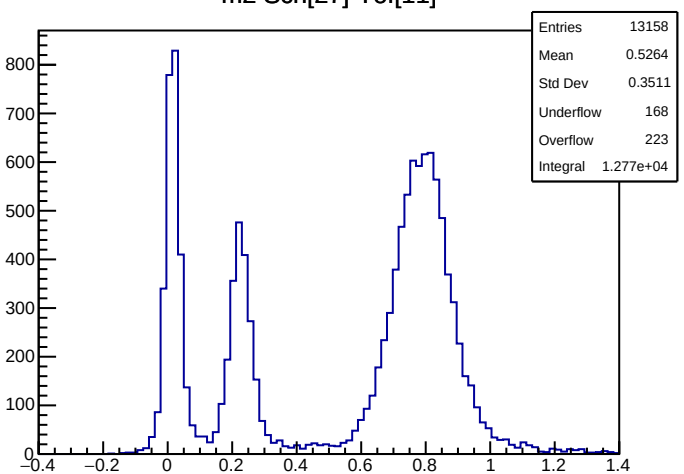

MissMass Sigma Sch[26]-Tof[12]
Entries 2237
Mean 1.192
Std Dev 0.03823
Underflow 4
Overflow 0
Integral 2233

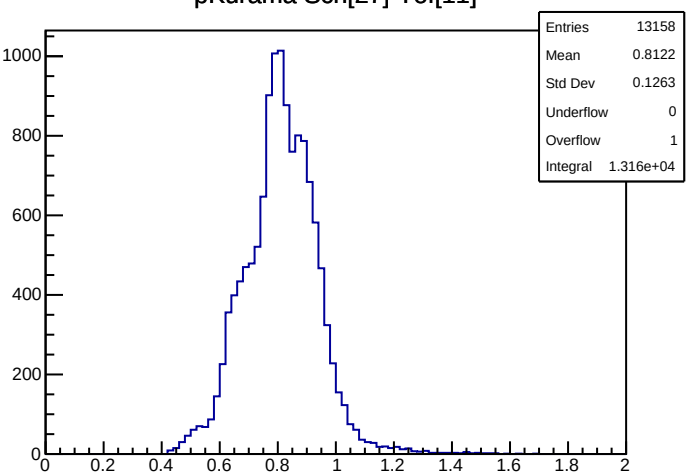

m2 Sch[26]-Tof[12]
Entries 73434
Mean 0.7288
Std Dev 0.2288
Underflow 541
Overflow 986
Integral 7.191e+04

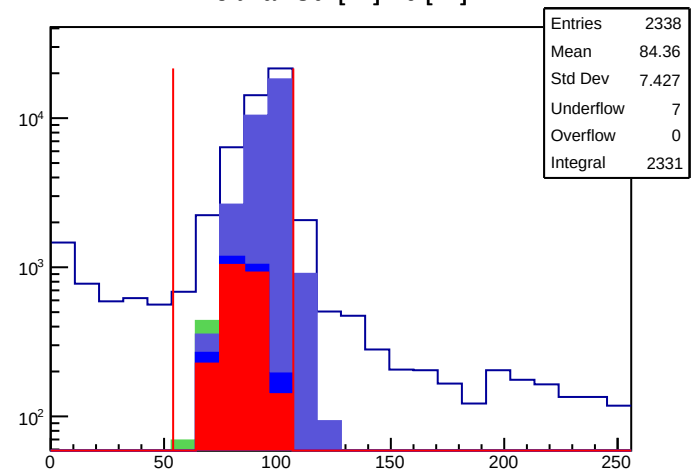

pKurama Sch[26]-Tof[12]
Entries 73434
Mean 0.9675
Std Dev 0.1009
Underflow 0
Overflow 4
Integral 7.343e+04

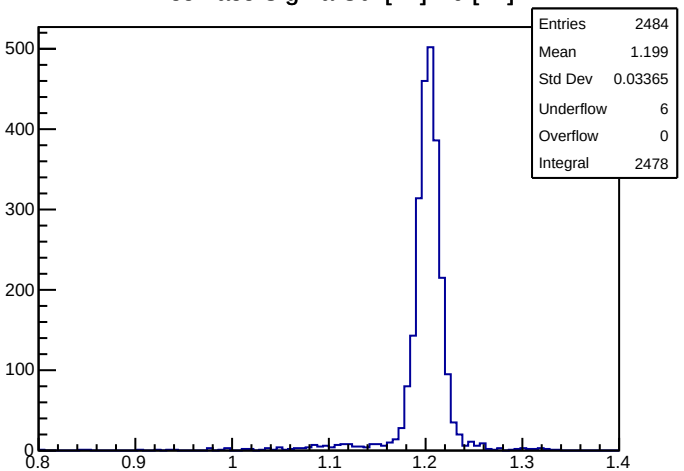

sftx all Sch[27]-Tof[11]
Entries 1464
Mean 95.52
Std Dev 6.305
Underflow 0
Overflow 0
Integral 1464

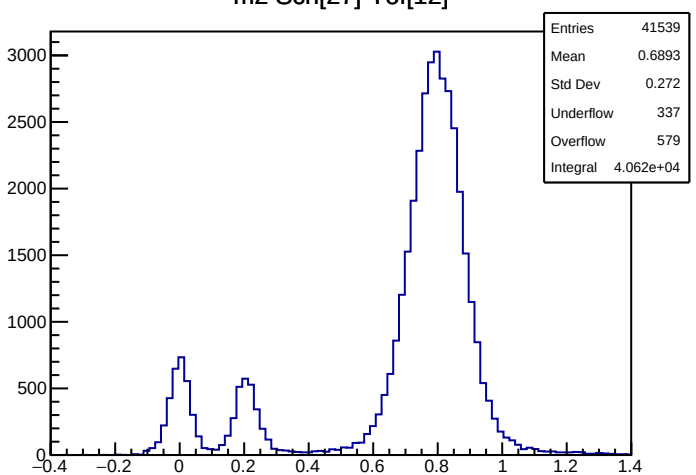

MissMass Sigma Sch[27]-Tof[11]
Entries 1643
Mean 1.212
Std Dev 0.03672
Underflow 3
Overflow 0
Integral 1640

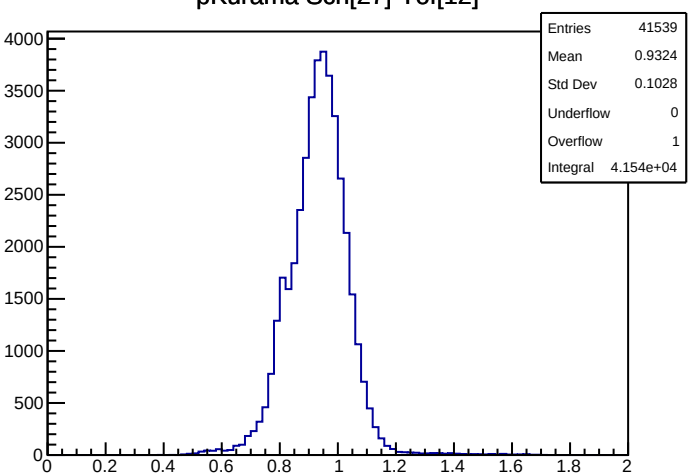

m2 Sch[27]-Tof[11]
Entries 13158
Mean 0.5264
Std Dev 0.3511
Underflow 168
Overflow 223
Integral 1.277e+04

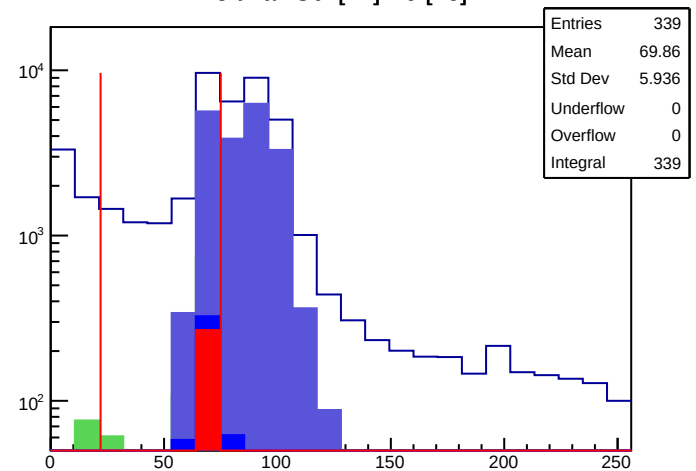

pKurama Sch[27]-Tof[11]
Entries 13158
Mean 0.8122
Std Dev 0.1263
Underflow 0
Overflow 1
Integral 1.316e+04

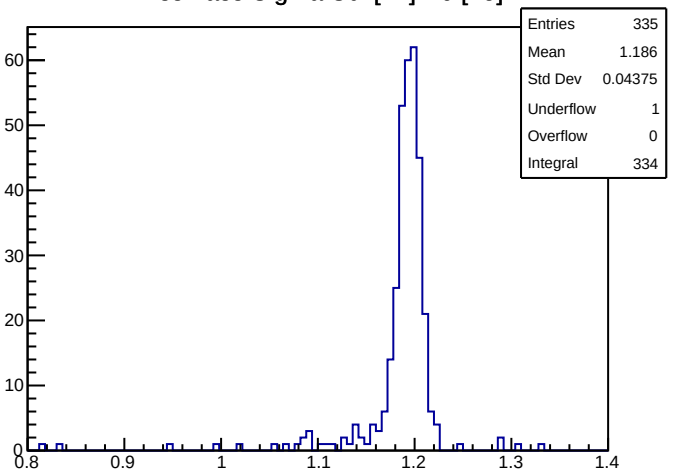

sftx all Sch[27]-Tof[12]
Entries 2338
Mean 84.36
Std Dev 7.427
Underflow 7
Overflow 0
Integral 2331

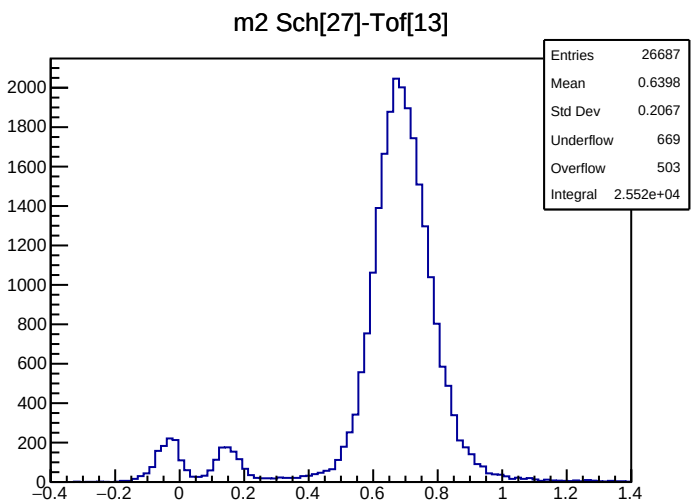

MissMass Sigma Sch[27]-Tof[12]
Entries 2484
Mean 1.199
Std Dev 0.03365
Underflow 6
Overflow 0
Integral 2478

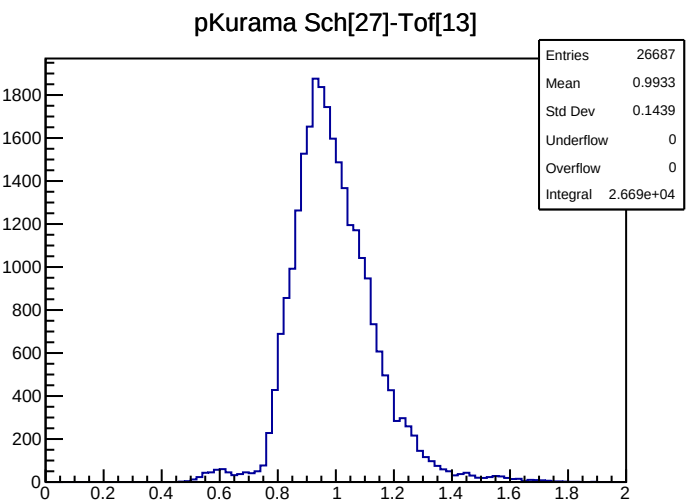

m2 Sch[27]-Tof[12]
Entries 41539
Mean 0.6893
Std Dev 0.272
Underflow 337
Overflow 579
Integral 4.062e+04

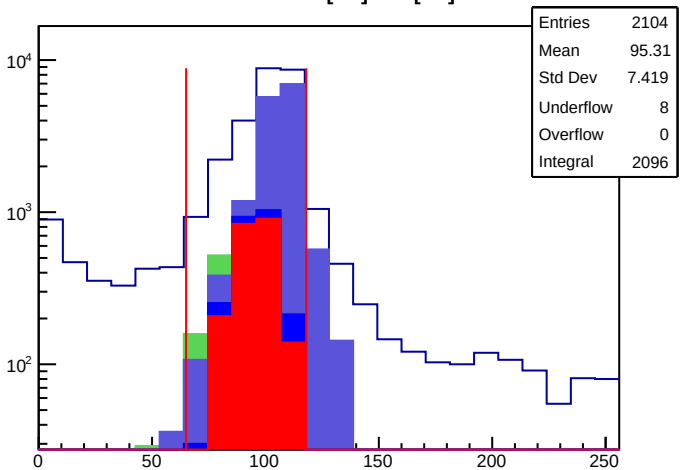

pKurama Sch[27]-Tof[12]
Entries 41539
Mean 0.9324
Std Dev 0.1028
Underflow 0
Overflow 1
Integral 4.154e+04

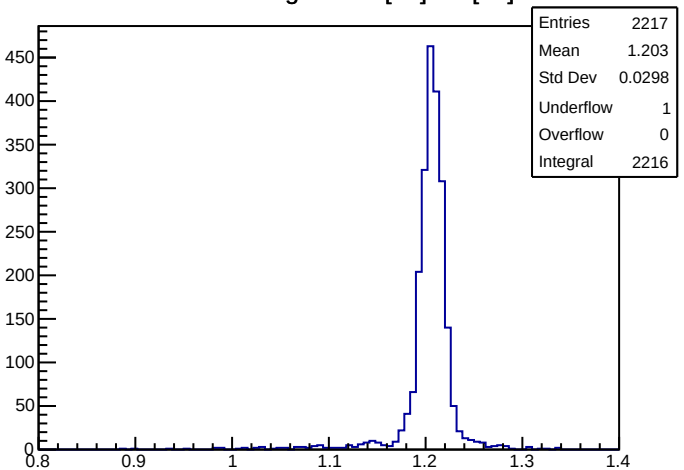

sftx all Sch[27]-Tof[13]
Entries 339
Mean 69.86
Std Dev 5.936
Underflow 0
Overflow 0
Integral 339

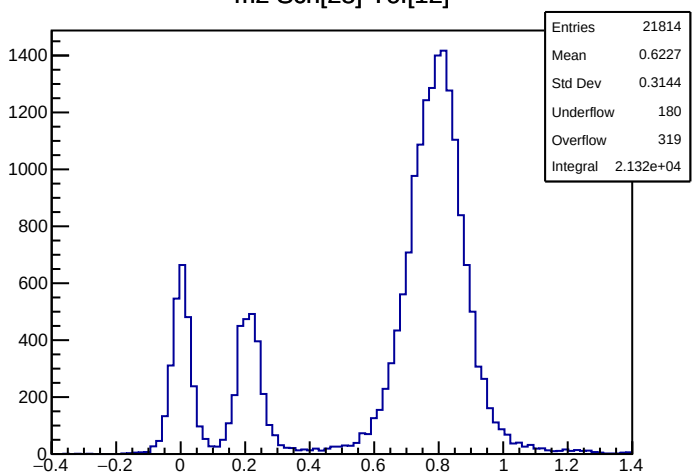

MissMass Sigma Sch[27]-Tof[13]
Entries 335
Mean 1.186
Std Dev 0.04375
Underflow 1
Overflow 0
Integral 334

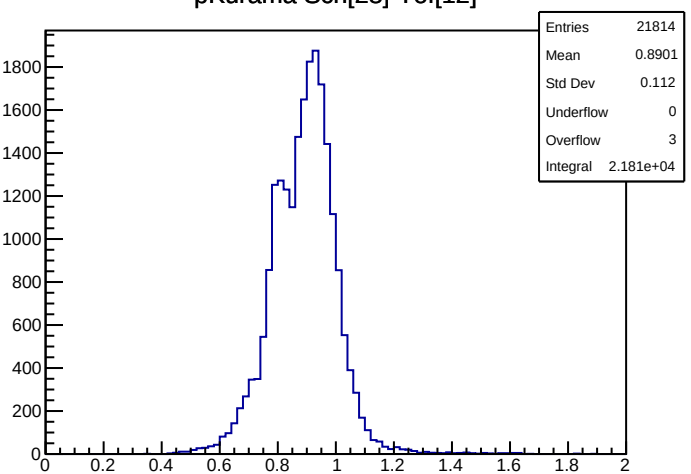

m2 Sch[27]-Tof[13]
Entries 26687
Mean 0.6398
Std Dev 0.2067
Underflow 669
Overflow 503
Integral 2.552e+04

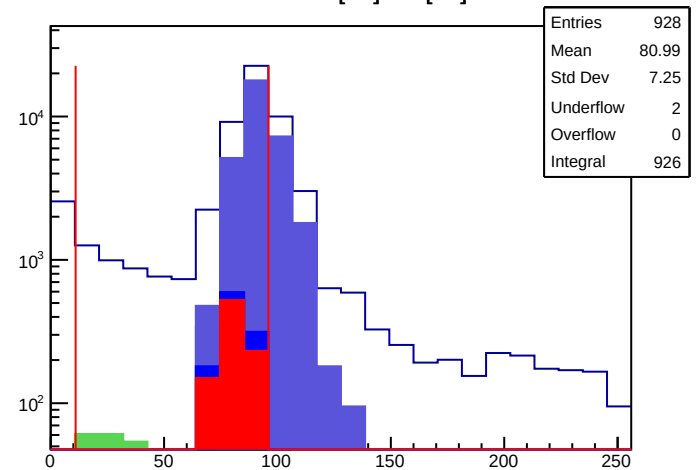

pKurama Sch[27]-Tof[13]
Entries 26687
Mean 0.9933
Std Dev 0.1439
Underflow 0
Overflow 0
Integral 2.669e+04

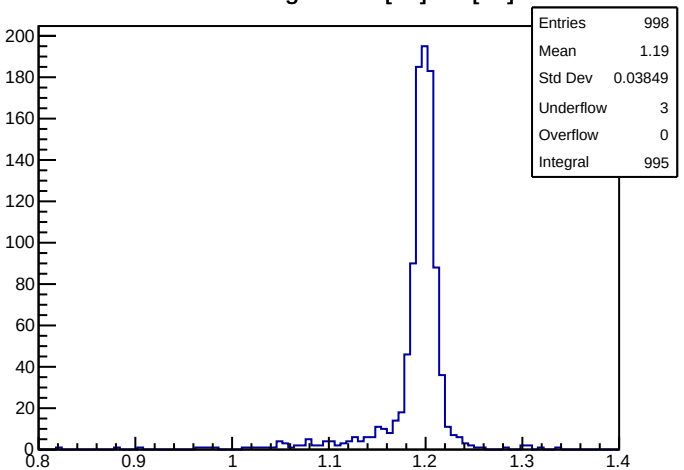

sftx all Sch[28]-Tof[12]
Entries 2104
Mean 95.31
Std Dev 7.419
Underflow 8
Overflow 0
Integral 2096

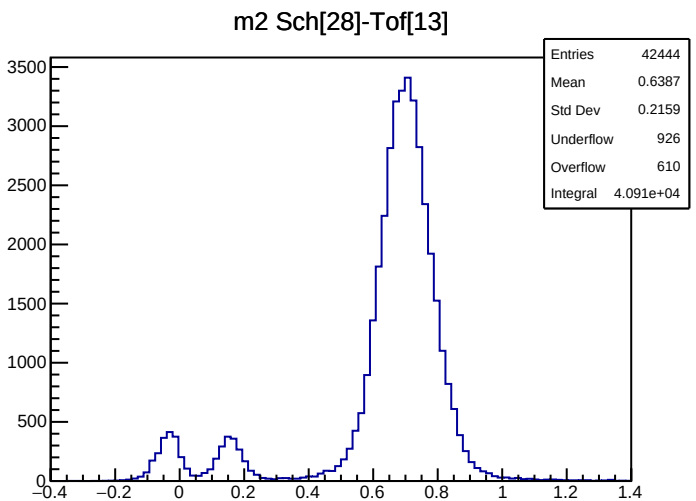

MissMass Sigma Sch[28]-Tof[12]
Entries 2217
Mean 1.203
Std Dev 0.0298
Underflow 1
Overflow 0
Integral 2216

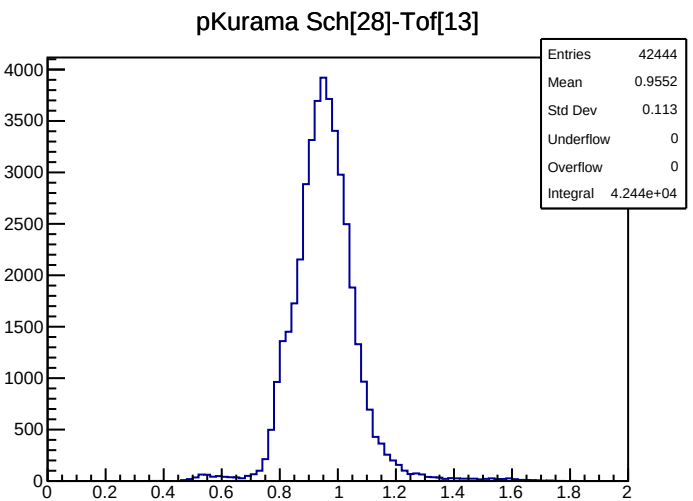

m2 Sch[28]-Tof[12]
Entries 21814
Mean 0.6227
Std Dev 0.3144
Underflow 180
Overflow 319
Integral 2.132e+04

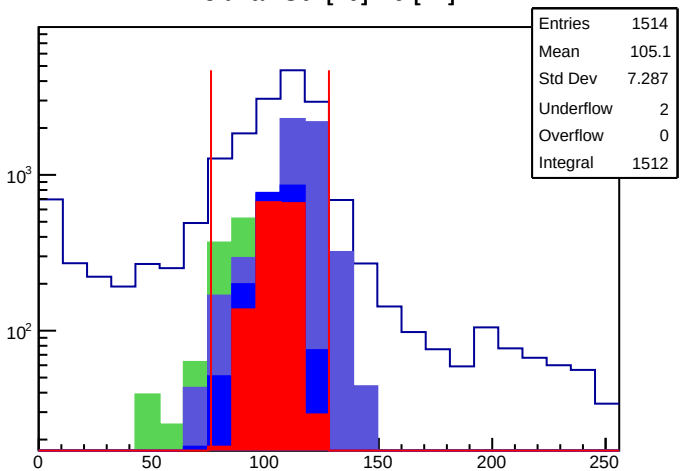

pKurama Sch[28]-Tof[12]
Entries 21814
Mean 0.8901
Std Dev 0.112
Underflow 0
Overflow 3
Integral 2.181e+04

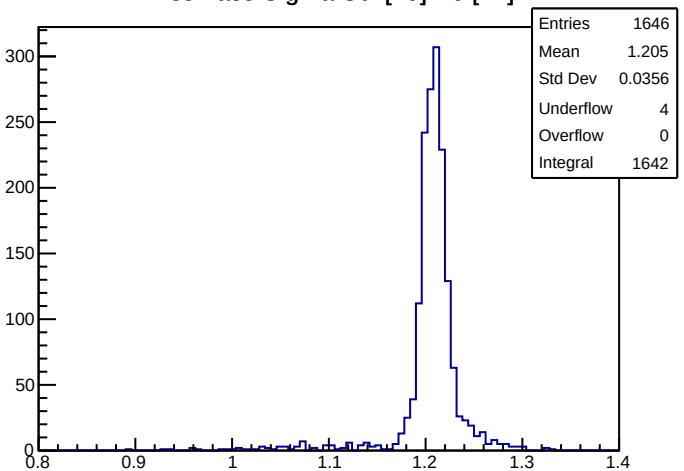

sftx all Sch[28]-Tof[13]
Entries 928
Mean 80.99
Std Dev 7.25
Underflow 2
Overflow 0
Integral 926

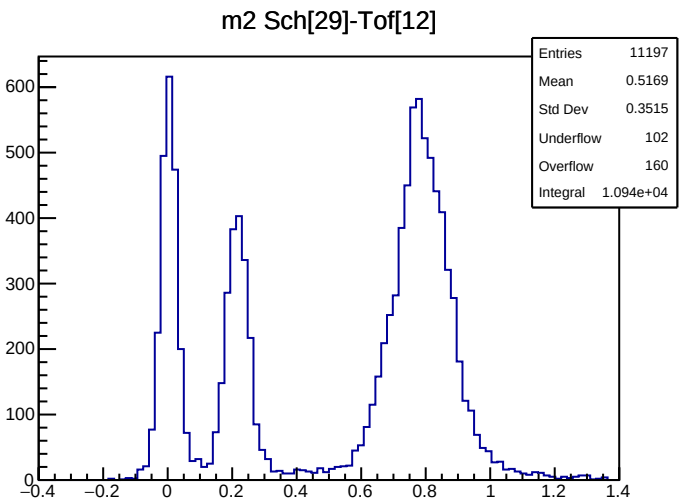

MissMass Sigma Sch[28]-Tof[13]
Entries 998
Mean 1.19
Std Dev 0.03849
Underflow 3
Overflow 0
Integral 995

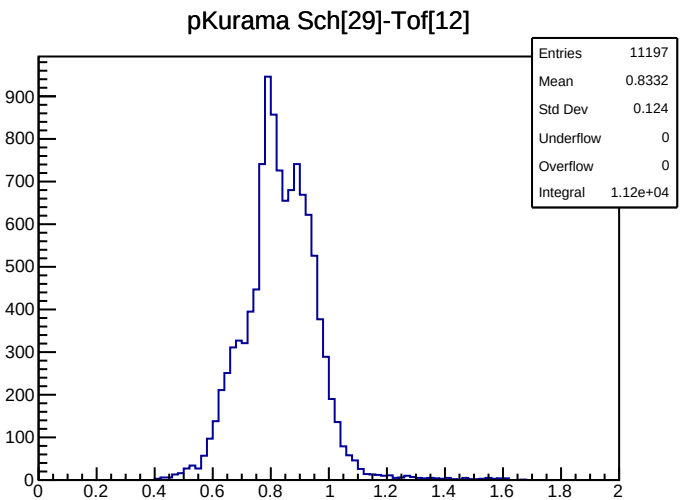

m2 Sch[28]-Tof[13]
Entries 42444
Mean 0.6387
Std Dev 0.2159
Underflow 926
Overflow 610
Integral 4.091e+04

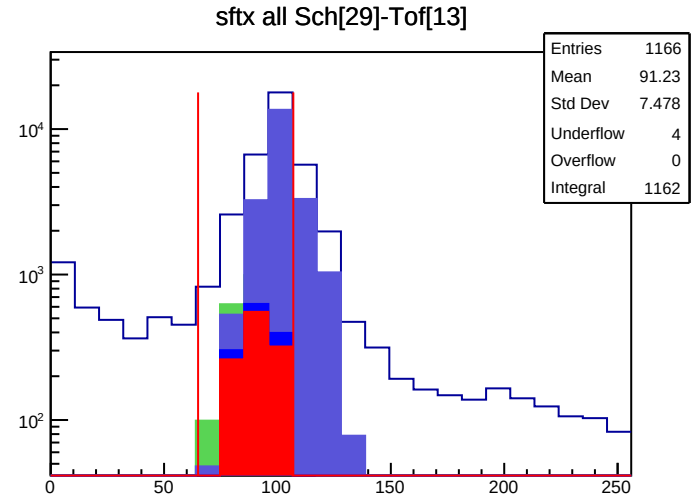

pKurama Sch[28]-Tof[13]
Entries 42444
Mean 0.9552
Std Dev 0.113
Underflow 0
Overflow 0
Integral 4.244e+04

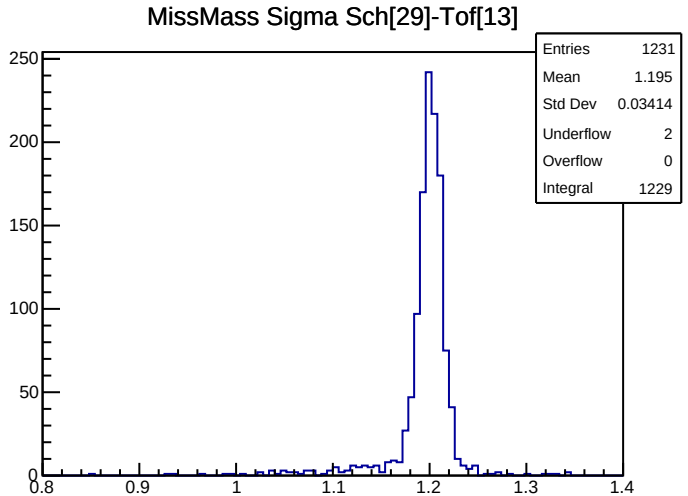

sftx all Sch[29]-Tof[12]
Entries 1514
Mean 105.1
Std Dev 7.287
Underflow 2
Overflow 0
Integral 1512

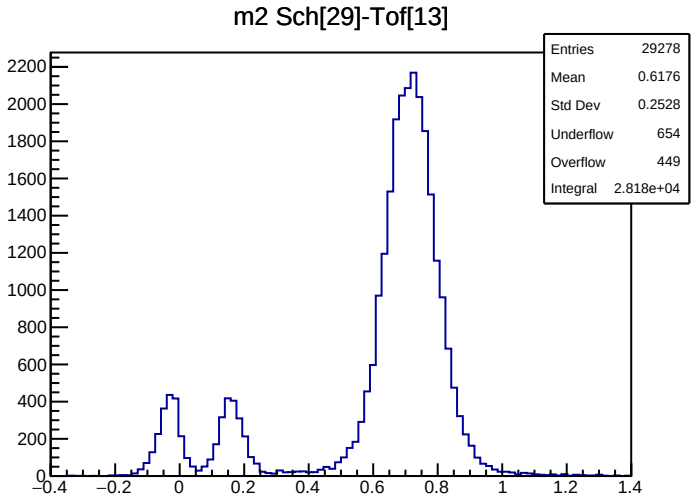

MissMass Sigma Sch[29]-Tof[12]
Entries 1646
Mean 1.205
Std Dev 0.0356
Underflow 4
Overflow 0
Integral 1642

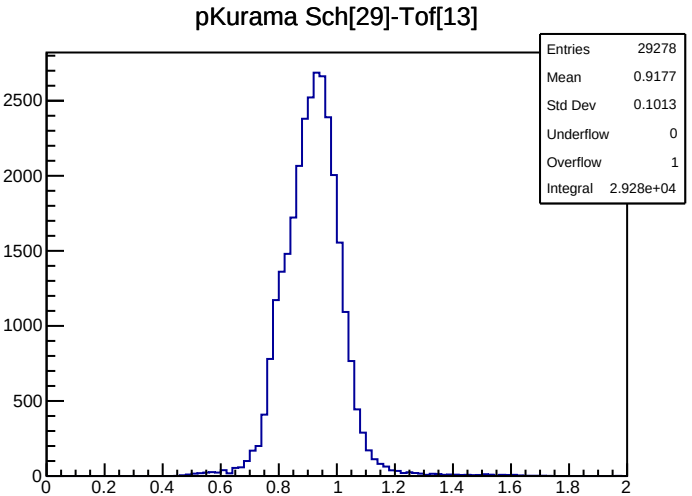

m2 Sch[29]-Tof[12]
Entries 11197
Mean 0.5169
Std Dev 0.3515
Underflow 102
Overflow 160
Integral 1.094e+04

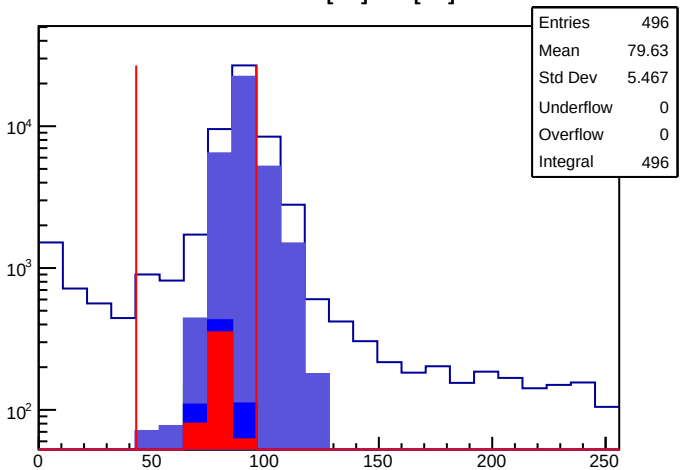

pKurama Sch[29]-Tof[12]
Entries 11197
Mean 0.8332
Std Dev 0.124
Underflow 0
Overflow 0
Integral 1.12e+04

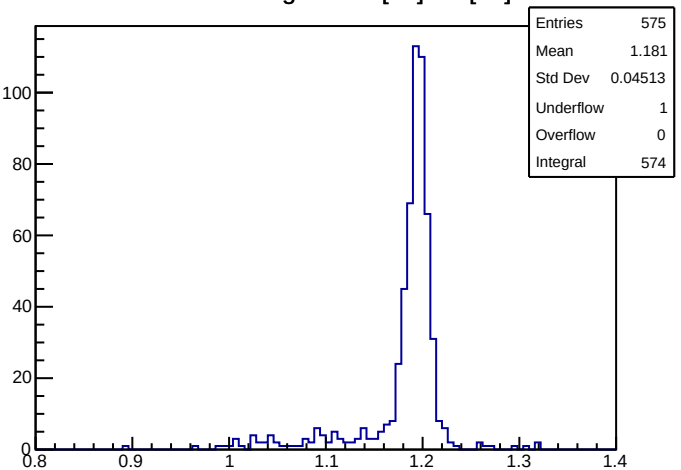

sftx all Sch[29]-Tof[13]
Entries 1166
Mean 91.23
Std Dev 7.478
Underflow 4
Overflow 0
Integral 1162

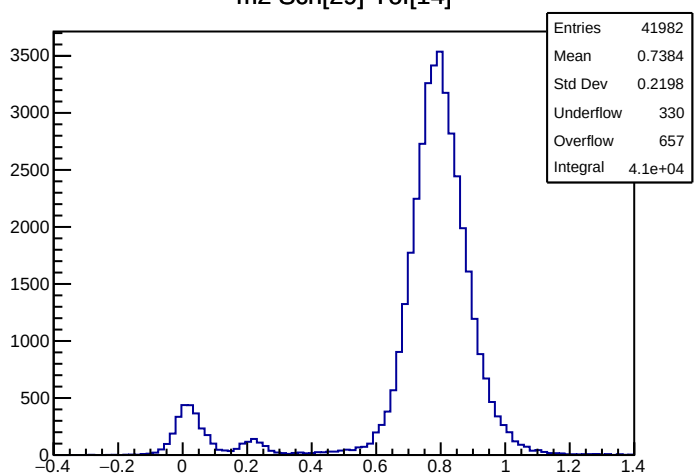

MissMass Sigma Sch[29]-Tof[13]
Entries 1231
Mean 1.195
Std Dev 0.03414
Underflow 2
Overflow 0
Integral 1229

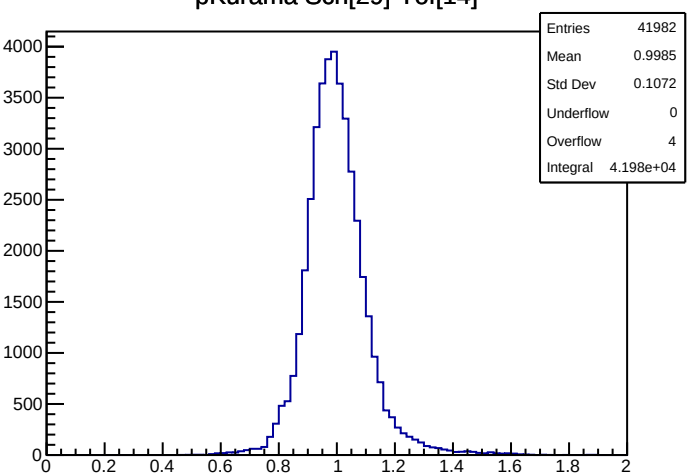

m2 Sch[29]-Tof[13]
Entries 29278
Mean 0.6176
Std Dev 0.2528
Underflow 654
Overflow 449
Integral 2.818e+04

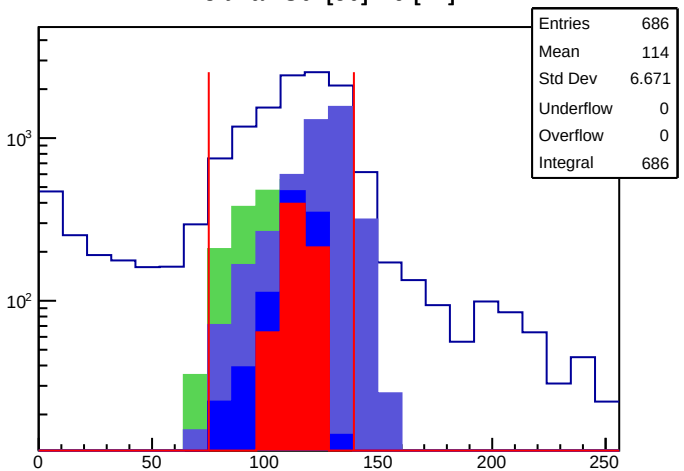

pKurama Sch[29]-Tof[13]
Entries 29278
Mean 0.9177
Std Dev 0.1013
Underflow 0
Overflow 1
Integral 2.928e+04

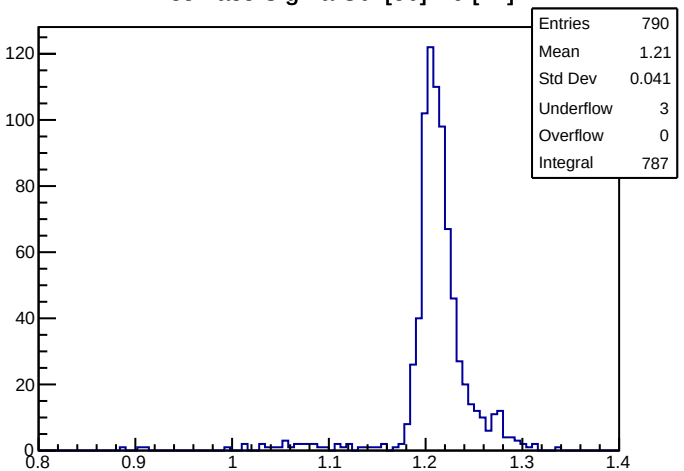

sftx all Sch[29]-Tof[14]
Entries 496
Mean 79.63
Std Dev 5.467
Underflow 0
Overflow 0
Integral 496

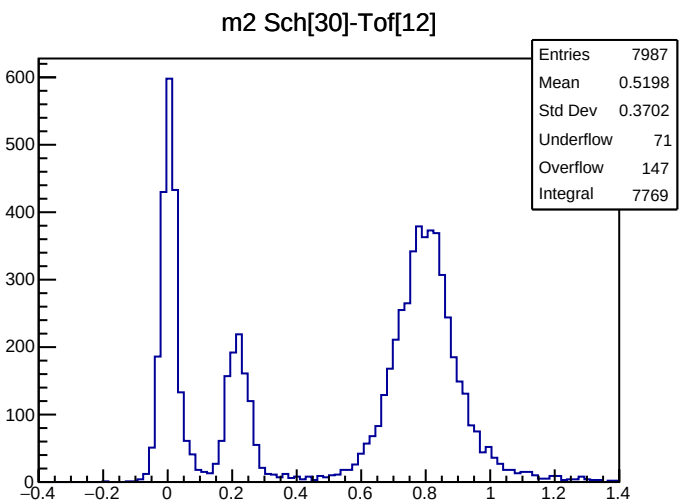

MissMass Sigma Sch[29]-Tof[14]
Entries 575
Mean 1.181
Std Dev 0.04513
Underflow 1
Overflow 0
Integral 574

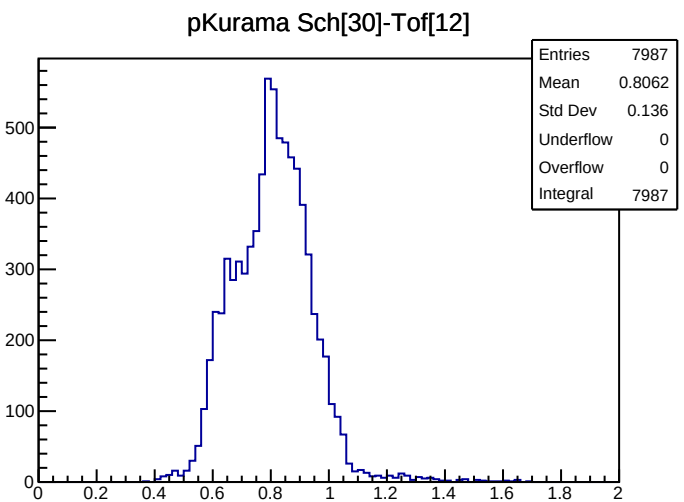

m2 Sch[29]-Tof[14]
Entries 41982
Mean 0.7384
Std Dev 0.2198
Underflow 330
Overflow 657
Integral 4.1e+04

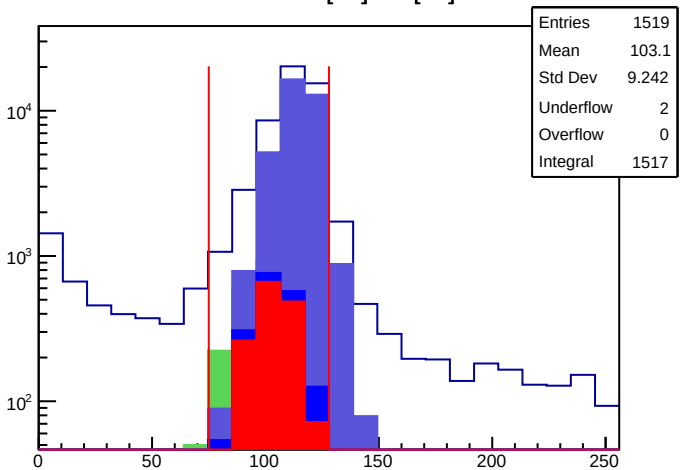

pKurama Sch[29]-Tof[14]
Entries 41982
Mean 0.9985
Std Dev 0.1072
Underflow 0
Overflow 4
Integral 4.198e+04

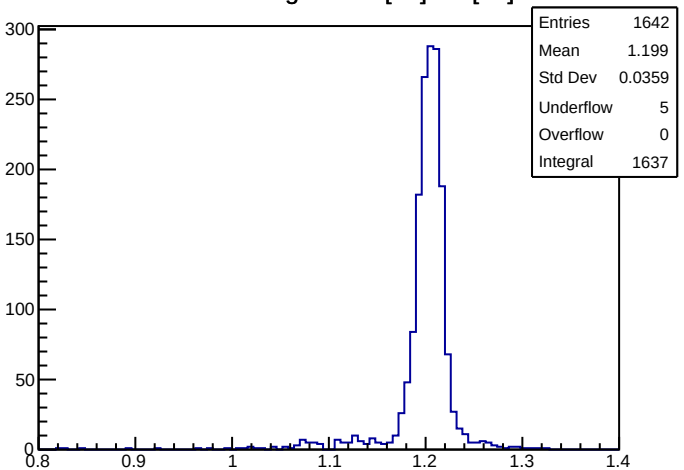

sftx all Sch[30]-Tof[12]
Entries 686
Mean 114
Std Dev 6.671
Underflow 0
Overflow 0
Integral 686
10^3
10^2
0
50
100
150
200
250

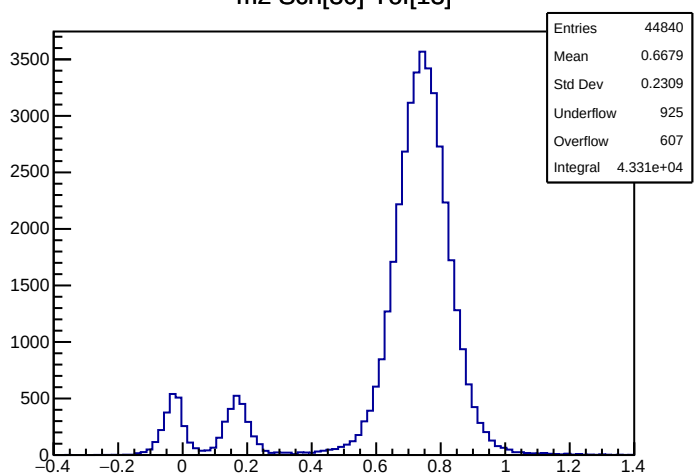

MissMass Sigma Sch[30]-Tof[12]
Entries 790
Mean 1.21
Std Dev 0.041
Underflow 3
Overflow 0
Integral 787
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

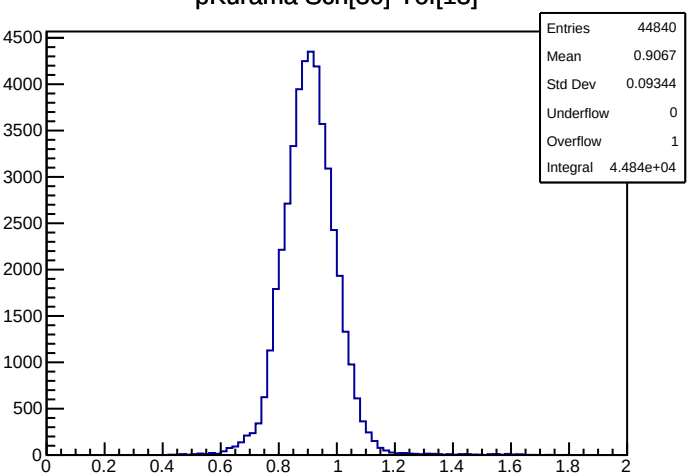

m2 Sch[30]-Tof[12]
Entries 7987
Mean 0.5198
Std Dev 0.3702
Underflow 71
Overflow 147
Integral 7769
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

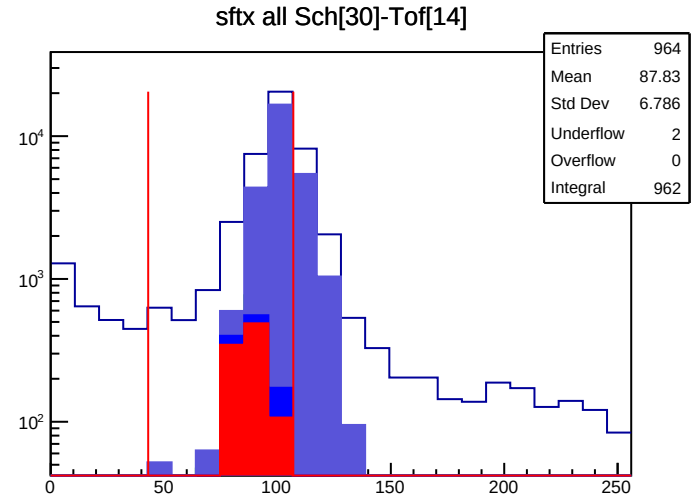

pKurama Sch[30]-Tof[12]
Entries 7987
Mean 0.8062
Std Dev 0.136
Underflow 0
Overflow 0
Integral 7987
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

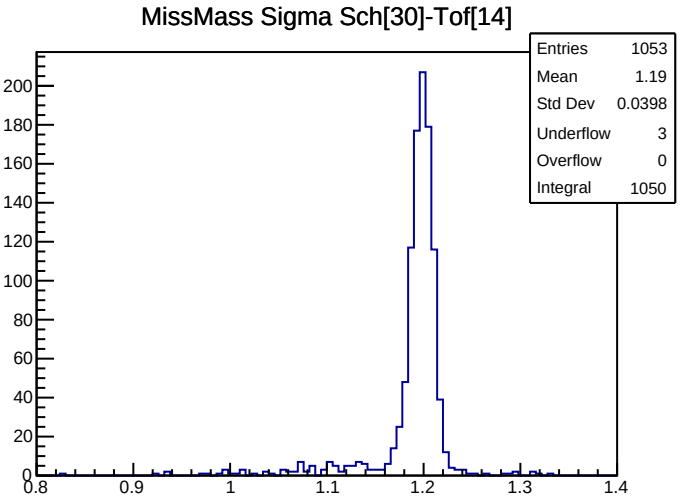

sftx all Sch[30]-Tof[13]
Entries 1519
Mean 103.1
Std Dev 9.242
Underflow 2
Overflow 0
Integral 1517

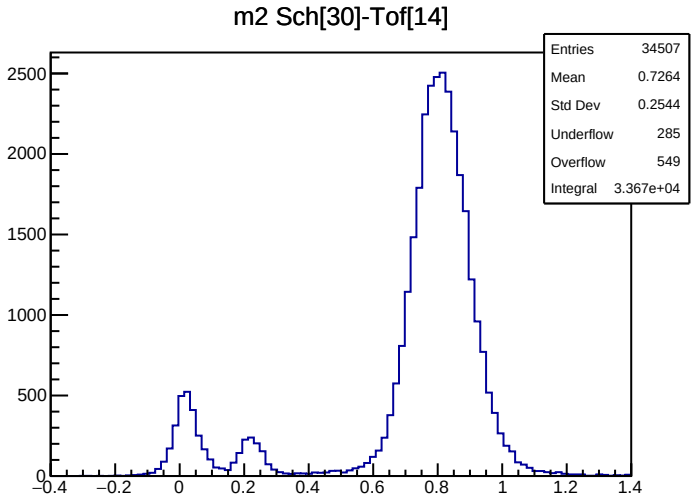

MissMass Sigma Sch[30]-Tof[13]
Entries 1642
Mean 1.199
Std Dev 0.0359
Underflow 5
Overflow 0
Integral 1637

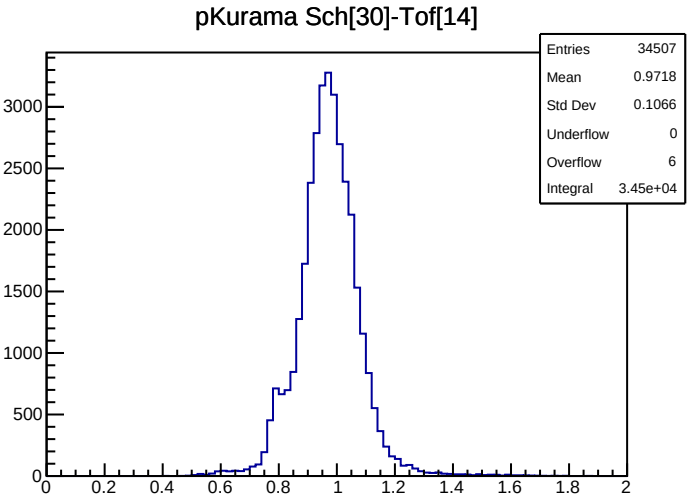

m2 Sch[30]-Tof[13]
Entries 44840
Mean 0.6679
Std Dev 0.2309
Underflow 925
Overflow 607
Integral 4.331e+04

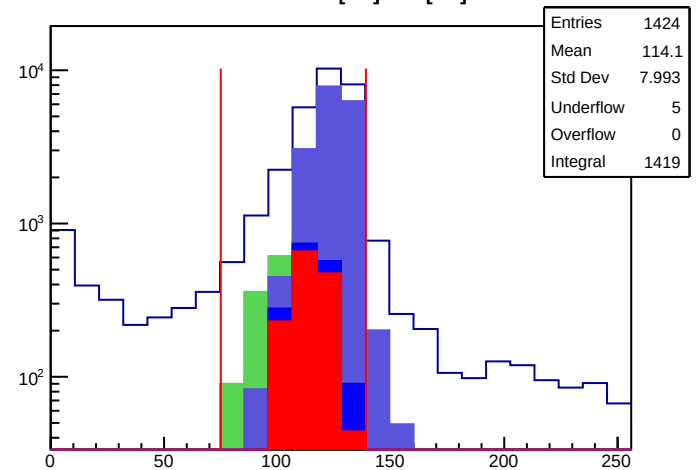

pKurama Sch[30]-Tof[13]
Entries 44840
Mean 0.9067
Std Dev 0.09344
Underflow 0
Overflow 1
Integral 4.484e+04

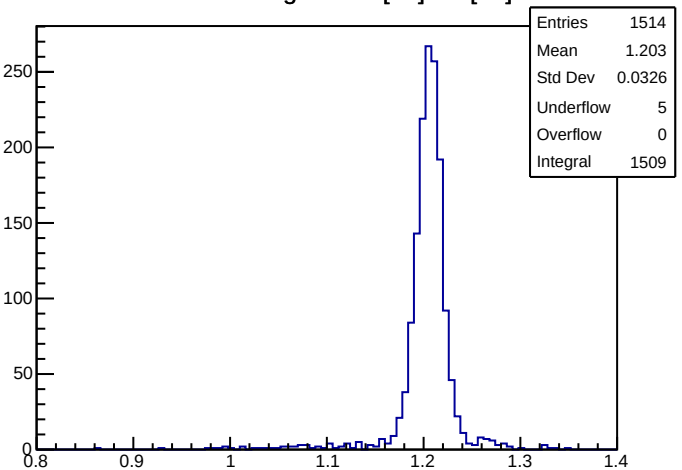

sftx all Sch[30]-Tof[14]
Entries 964
Mean 87.83
Std Dev 6.786
Underflow 2
Overflow 0
Integral 962

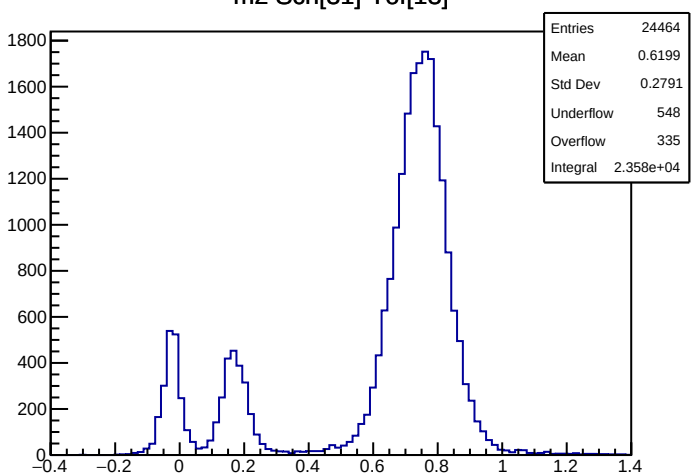

MissMass Sigma Sch[30]-Tof[14]
Entries 1053
Mean 1.19
Std Dev 0.0398
Underflow 3
Overflow 0
Integral 1050

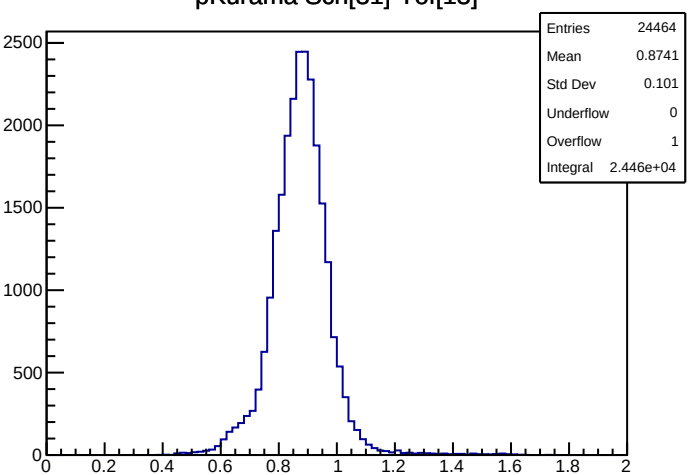

m2 Sch[30]-Tof[14]
Entries 34507
Mean 0.7264
Std Dev 0.2544
Underflow 285
Overflow 549
Integral 3.367e+04

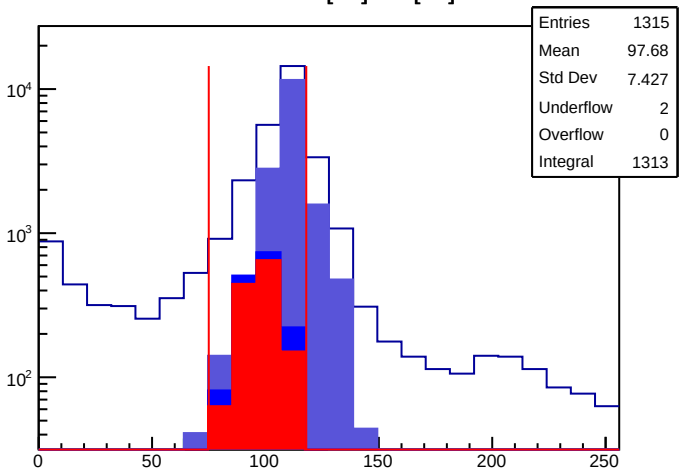

pKurama Sch[30]-Tof[14]
Entries 34507
Mean 0.9718
Std Dev 0.1066
Underflow 0
Overflow 6
Integral 3.45e+04

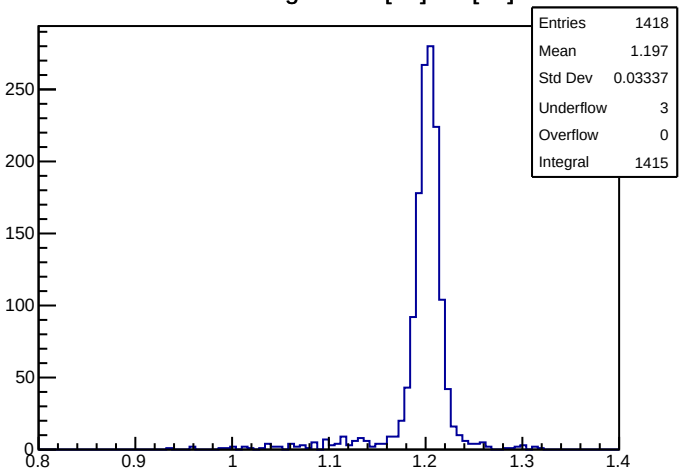

sftx all Sch[31]-Tof[13]
Entries 1424
Mean 114.1
Std Dev 7.993
Underflow 5
Overflow 0
Integral 1419

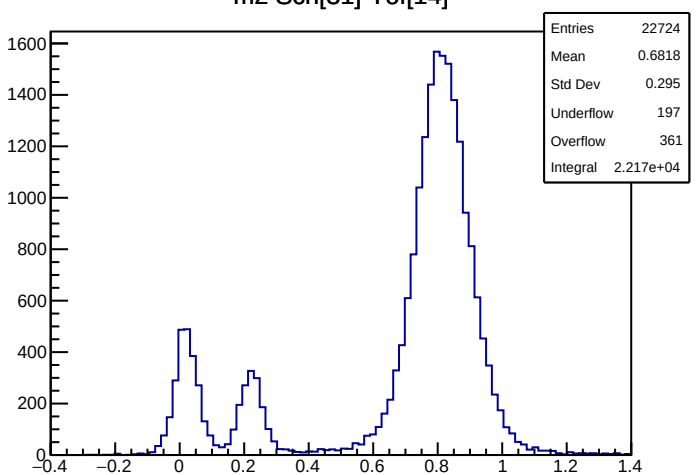

MissMass Sigma Sch[31]-Tof[13]
Entries 1514
Mean 1.203
Std Dev 0.0326
Underflow 5
Overflow 0
Integral 1509

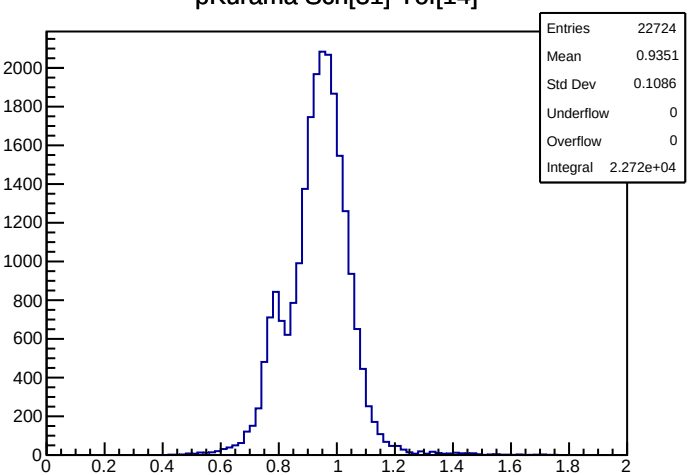

m2 Sch[31]-Tof[13]
Entries 24464
Mean 0.6199
Std Dev 0.2791
Underflow 548
Overflow 335
Integral 2.358e+04

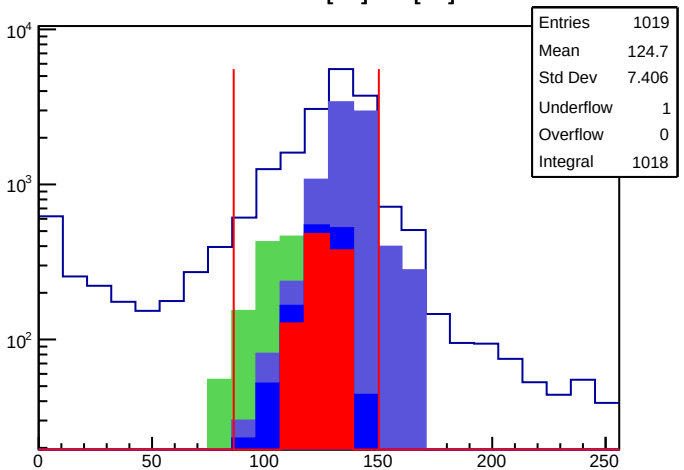

pKurama Sch[31]-Tof[13]
Entries 24464
Mean 0.8741
Std Dev 0.101
Underflow 0
Overflow 1
Integral 2.446e+04

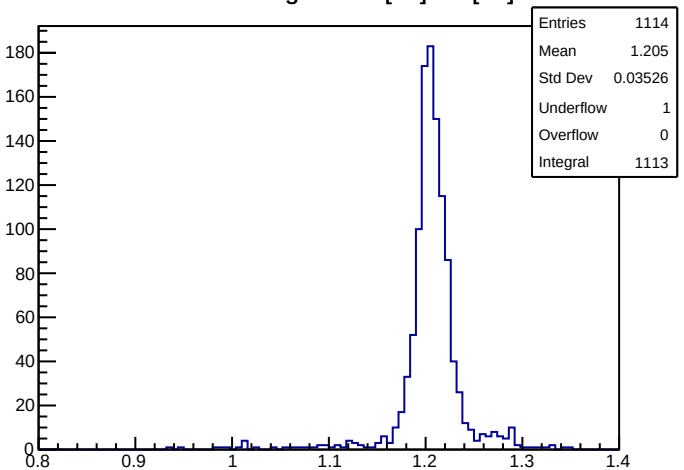

sftx all Sch[31]-Tof[14]
Entries 1315
Mean 97.68
Std Dev 7.427
Underflow 2
Overflow 0
Integral 1313

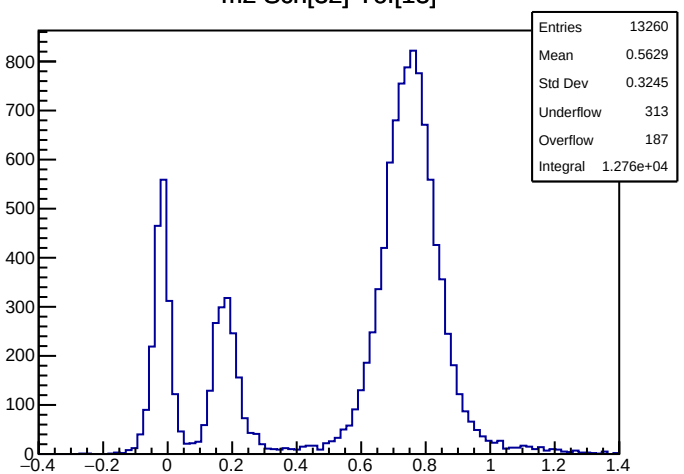

MissMass Sigma Sch[31]-Tof[14]
Entries 1418
Mean 1.197
Std Dev 0.03337
Underflow 3
Overflow 0
Integral 1415

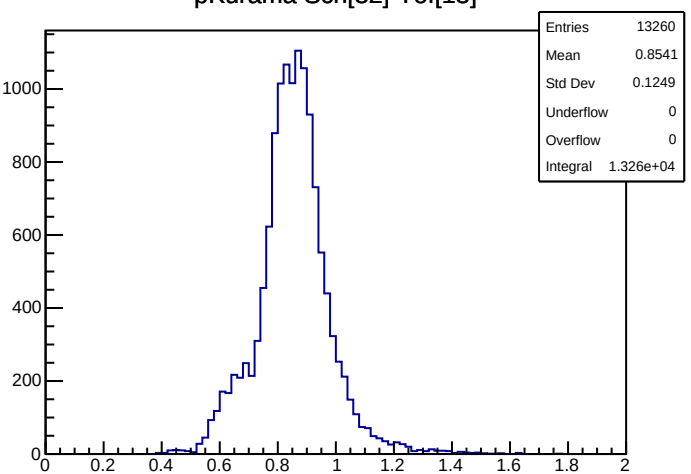

m2 Sch[31]-Tof[14]
Entries 22724
Mean 0.6818
Std Dev 0.295
Underflow 197
Overflow 361
Integral 2.217e+04

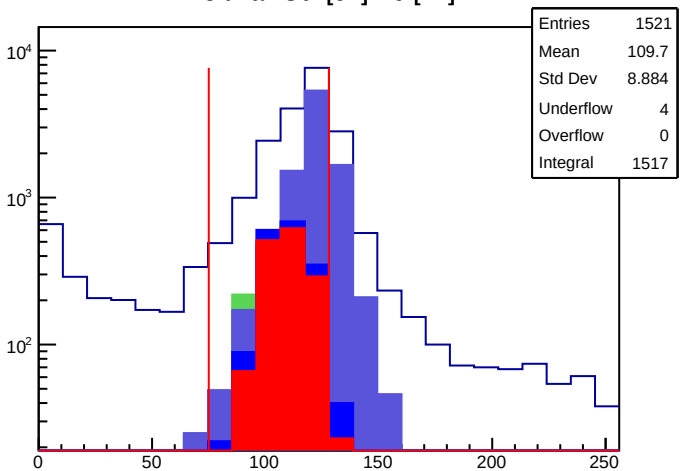

pKurama Sch[31]-Tof[14]
Entries 22724
Mean 0.9351
Std Dev 0.1086
Underflow 0
Overflow 0
Integral 2.272e+04

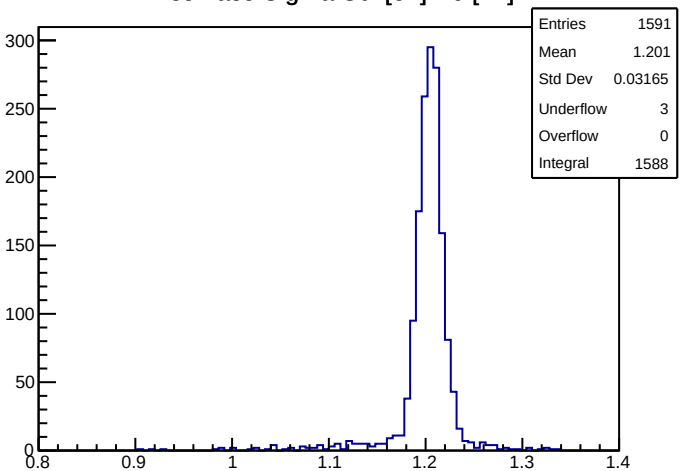

sftx all Sch[32]-Tof[13]
Entries 1019
Mean 124.7
Std Dev 7.406
Underflow 1
Overflow 0
Integral 1018

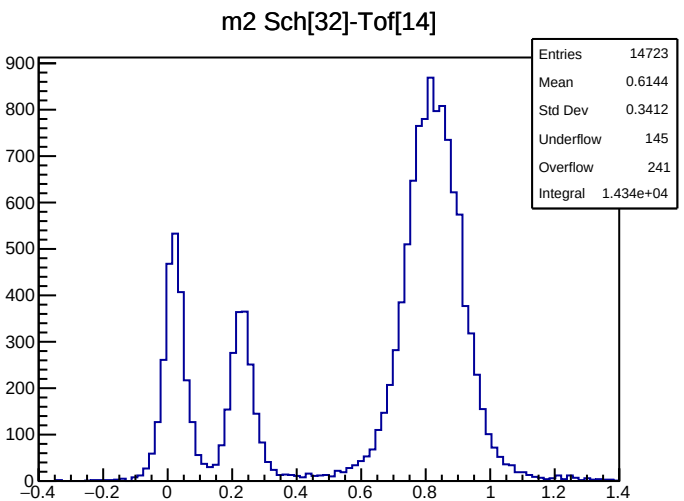

MissMass Sigma Sch[32]-Tof[13]
Entries 1114
Mean 1.205
Std Dev 0.03526
Underflow 1
Overflow 0
Integral 1113

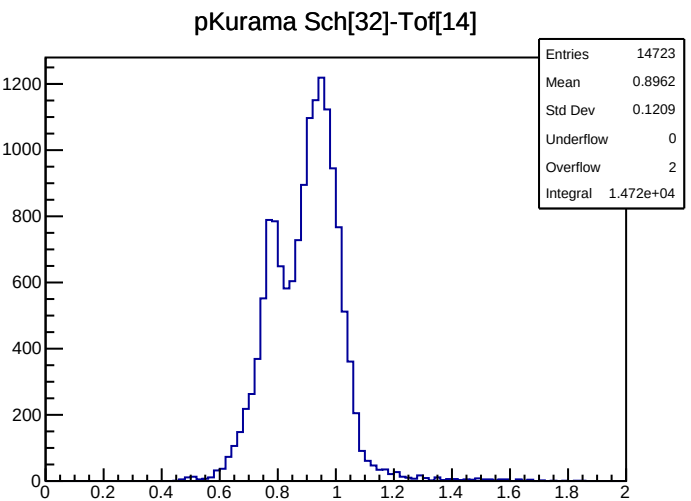

m2 Sch[32]-Tof[13]
Entries 13260
Mean 0.5629
Std Dev 0.3245
Underflow 313
Overflow 187
Integral 1.276e+04

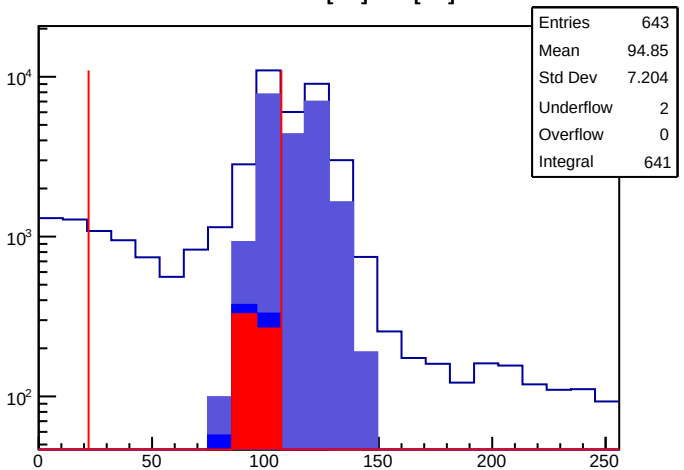

pKurama Sch[32]-Tof[13]
Entries 13260
Mean 0.8541
Std Dev 0.1249
Underflow 0
Overflow 0
Integral 1.326e+04

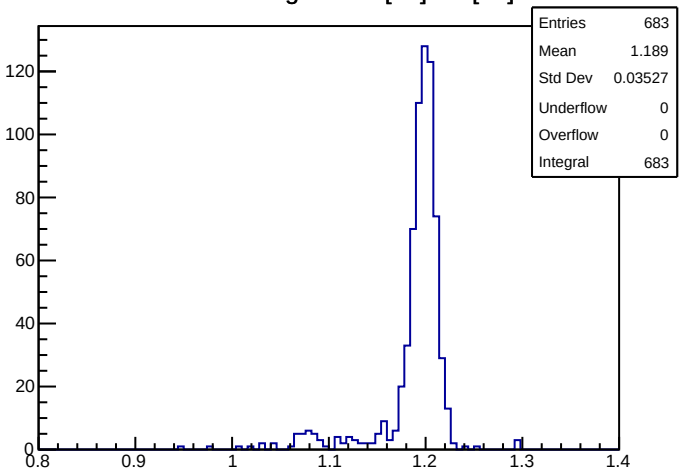

sftx all Sch[32]-Tof[14]
Entries 1521
Mean 109.7
Std Dev 8.884
Underflow 4
Overflow 0
Integral 1517

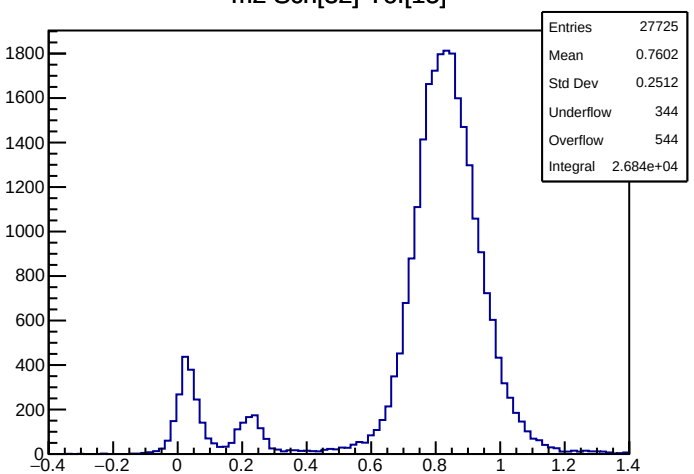

MissMass Sigma Sch[32]-Tof[14]
Entries 1591
Mean 1.201
Std Dev 0.03165
Underflow 3
Overflow 0
Integral 1588

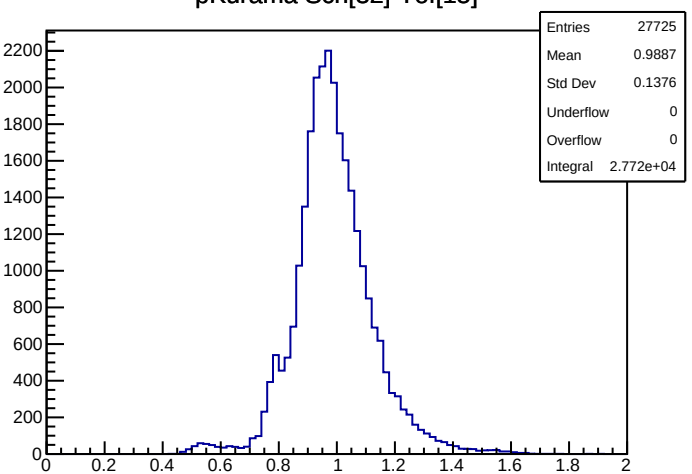

m2 Sch[32]-Tof[14]
Entries 14723
Mean 0.6144
Std Dev 0.3412
Underflow 145
Overflow 241
Integral 1.434e+04

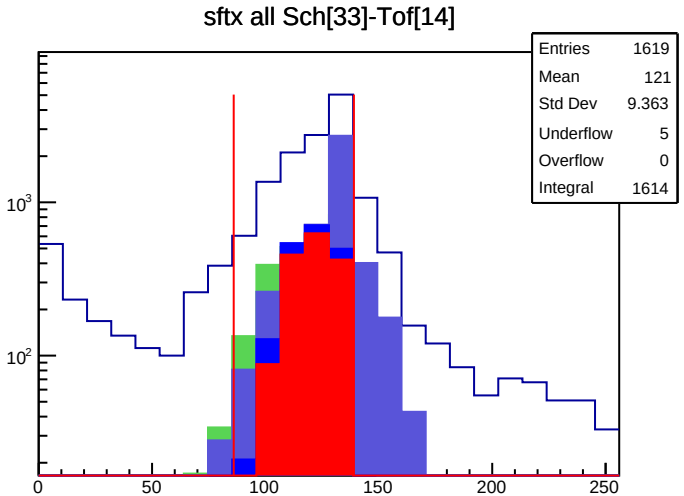

pKurama Sch[32]-Tof[14]
Entries 14723
Mean 0.8962
Std Dev 0.1209
Underflow 0
Overflow 2
Integral 1.472e+04

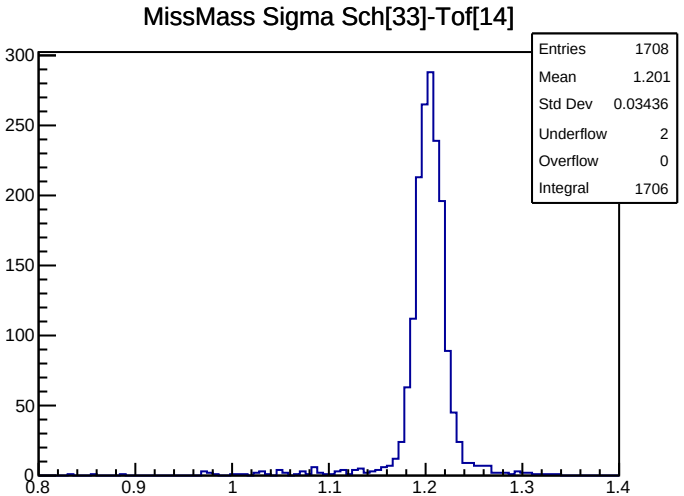

sftx all Sch[32]-Tof[15]
Entries 643
Mean 94.85
Std Dev 7.204
Underflow 2
Overflow 0
Integral 641

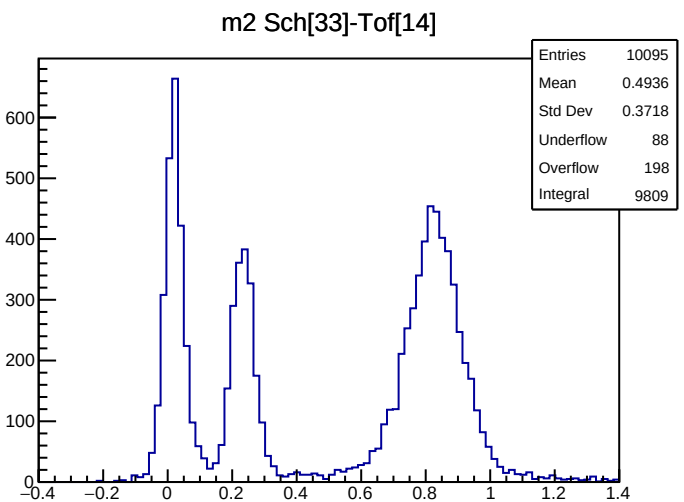

MissMass Sigma Sch[32]-Tof[15]
Entries 683
Mean 1.189
Std Dev 0.03527
Underflow 0
Overflow 0
Integral 683

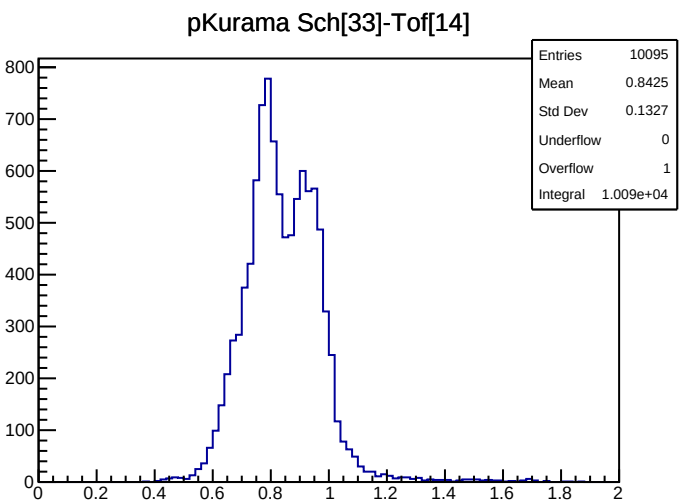

m2 Sch[32]-Tof[15]
Entries 27725
Mean 0.7602
Std Dev 0.2512
Underflow 344
Overflow 544
Integral 2.684e+04

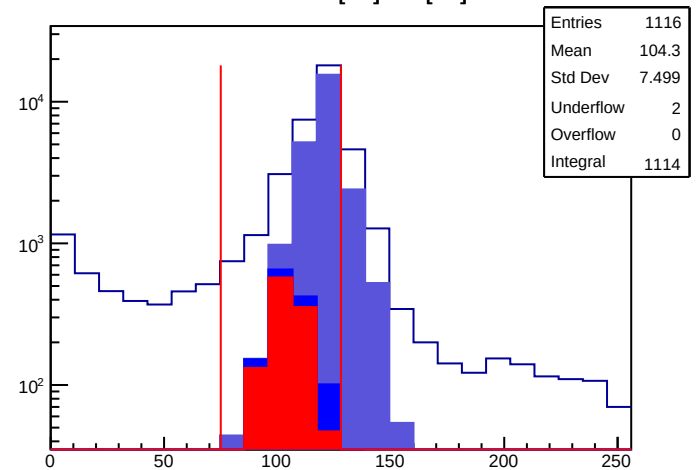

pKurama Sch[32]-Tof[15]
Entries 27725
Mean 0.9887
Std Dev 0.1376
Underflow 0
Overflow 0
Integral 2.772e+04

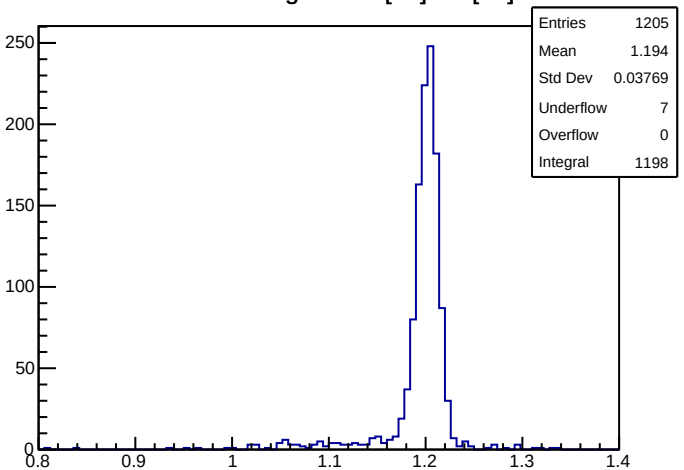

sftx all Sch[33]-Tof[14]
Entries 1619
Mean 121
Std Dev 9.363
Underflow 5
Overflow 0
Integral 1614

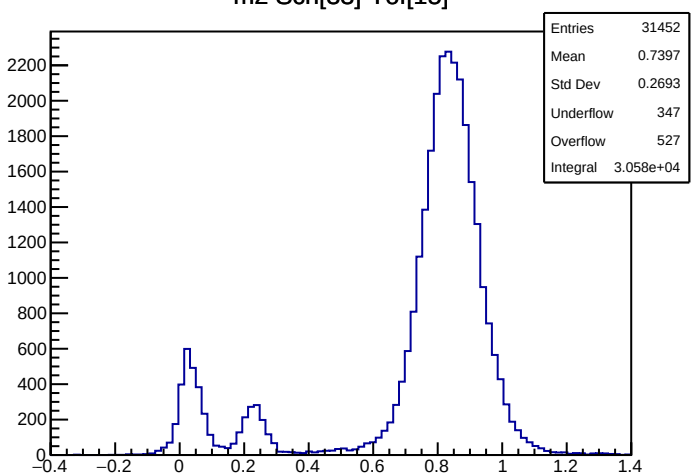

MissMass Sigma Sch[33]-Tof[14]
Entries 1708
Mean 1.201
Std Dev 0.03436
Underflow 2
Overflow 0
Integral 1706

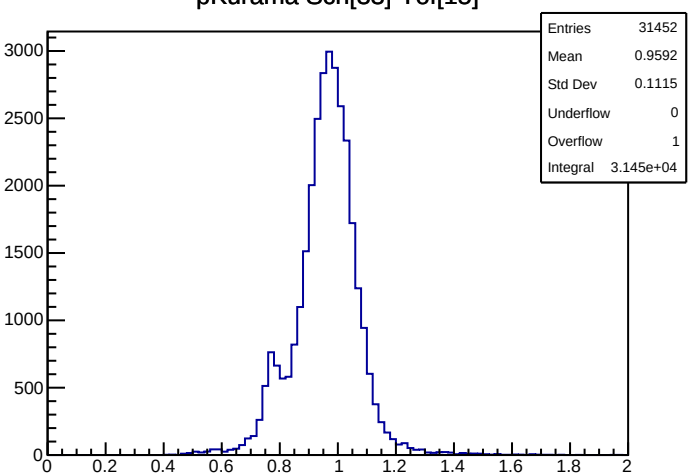

m2 Sch[33]-Tof[14]
Entries 10095
Mean 0.4936
Std Dev 0.3718
Underflow 88
Overflow 198
Integral 9809

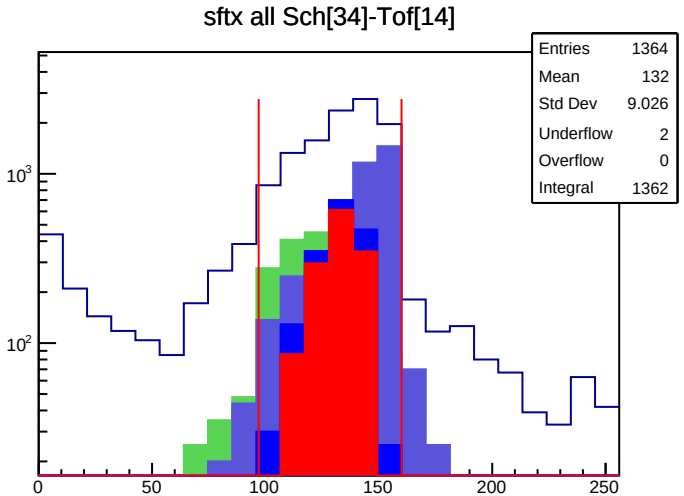

pKurama Sch[33]-Tof[14]
Entries 10095
Mean 0.8425
Std Dev 0.1327
Underflow 0
Overflow 1
Integral 1.009e+04

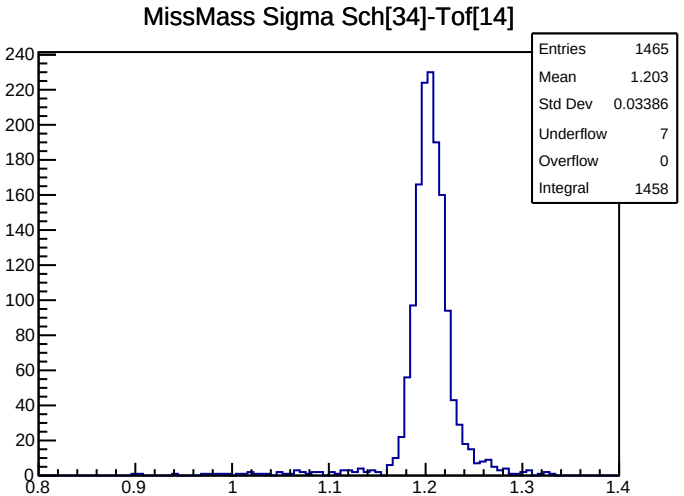

sftx all Sch[33]-Tof[15]
Entries 1116
Mean 104.3
Std Dev 7.499
Underflow 2
Overflow 0
Integral 1114

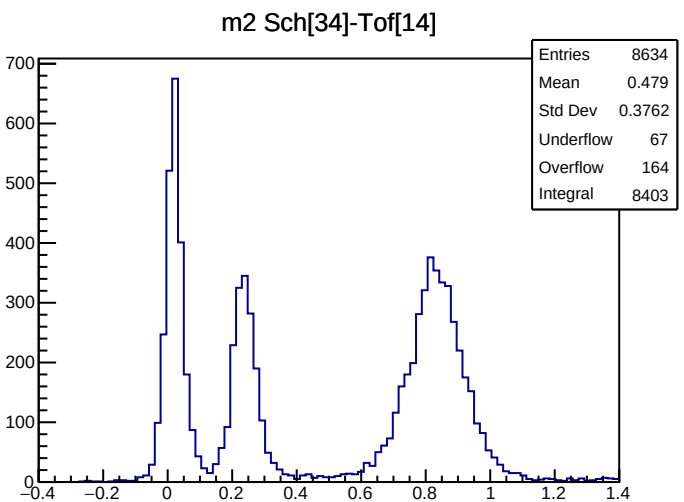

MissMass Sigma Sch[33]-Tof[15]
Entries 1205
Mean 1.194
Std Dev 0.03769
Underflow 7
Overflow 0
Integral 1198

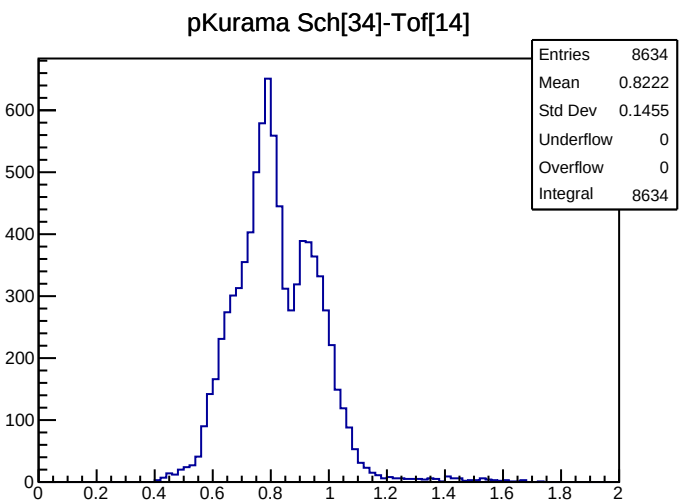

m2 Sch[33]-Tof[15]
Entries 31452
Mean 0.7397
Std Dev 0.2693
Underflow 347
Overflow 527
Integral 3.058e+04

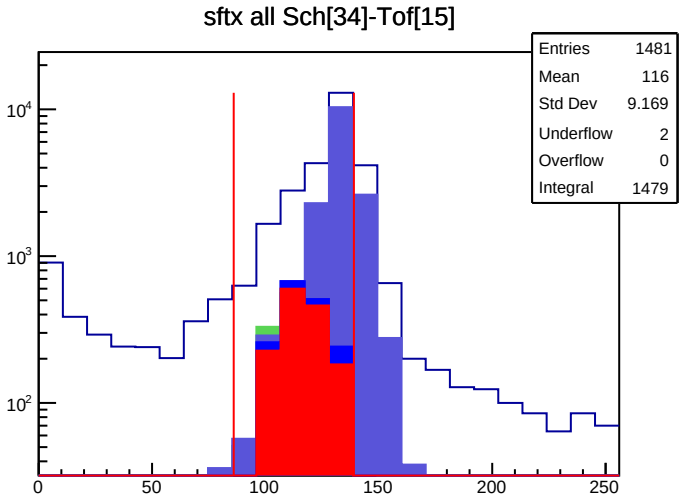

pKurama Sch[33]-Tof[15]
Entries 31452
Mean 0.9592
Std Dev 0.1115
Underflow 0
Overflow 1
Integral 3.145e+04

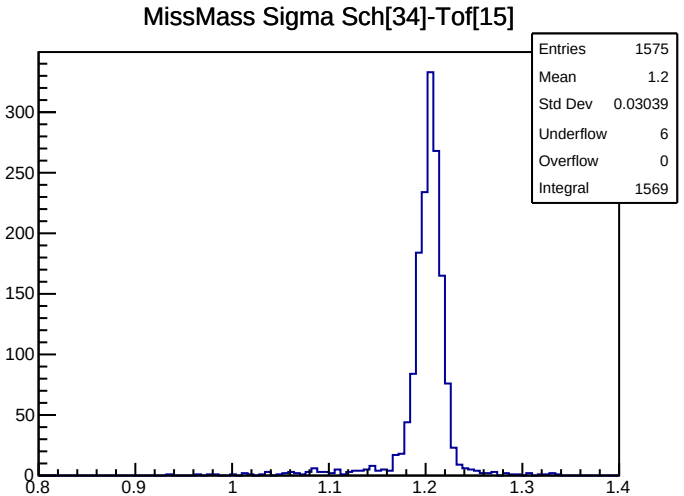

sftx all Sch[34]-Tof[14]
Entries 1364
Mean 132
Std Dev 9.026
Underflow 2
Overflow 0
Integral 1362
10^3
10^2
0 50 100 150 200 250

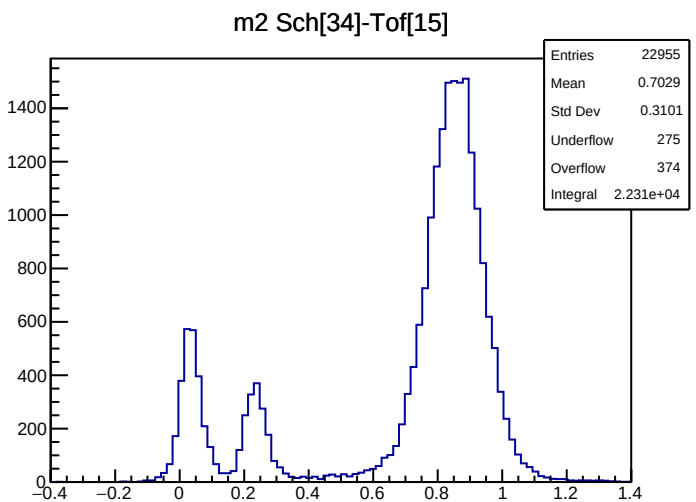

MissMass Sigma Sch[34]-Tof[14]
Entries 1465
Mean 1.203
Std Dev 0.03386
Underflow 7
Overflow 0
Integral 1458
240 220 200 180 160 140 120 100 80 60 40 20 0
0.8 0.9 1 1.1 1.2 1.3 1.4

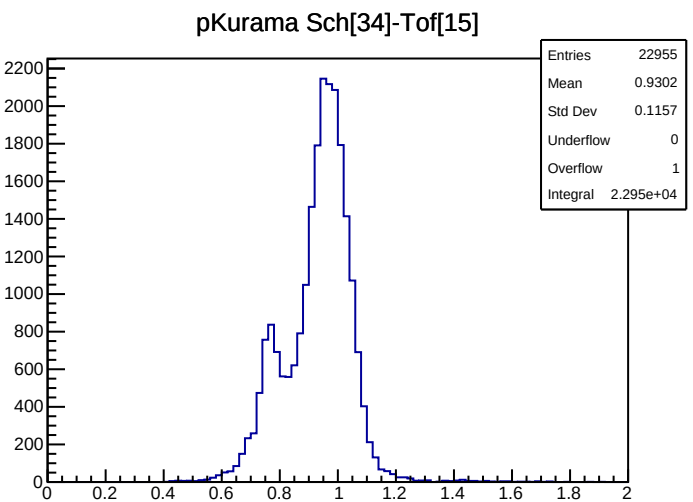

m2 Sch[34]-Tof[14]
Entries 8634
Mean 0.479
Std Dev 0.3762
Underflow 67
Overflow 164
Integral 8403
700 600 500 400 300 200 100 0
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

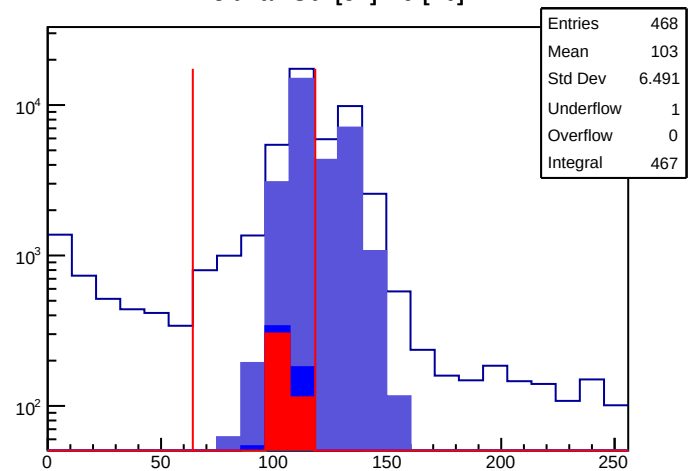

pKurama Sch[34]-Tof[14]
Entries 8634
Mean 0.8222
Std Dev 0.1455
Underflow 0
Overflow 0
Integral 8634
600 500 400 300 200 100 0
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

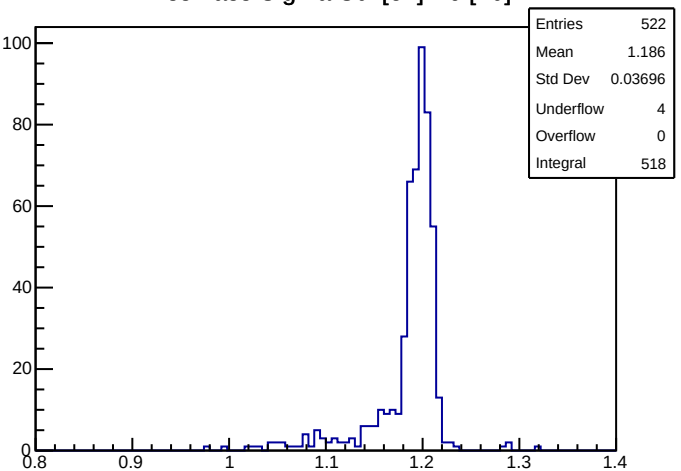

sftx all Sch[34]-Tof[15]
Entries 1481
Mean 116
Std Dev 9.169
Underflow 2
Overflow 0
Integral 1479

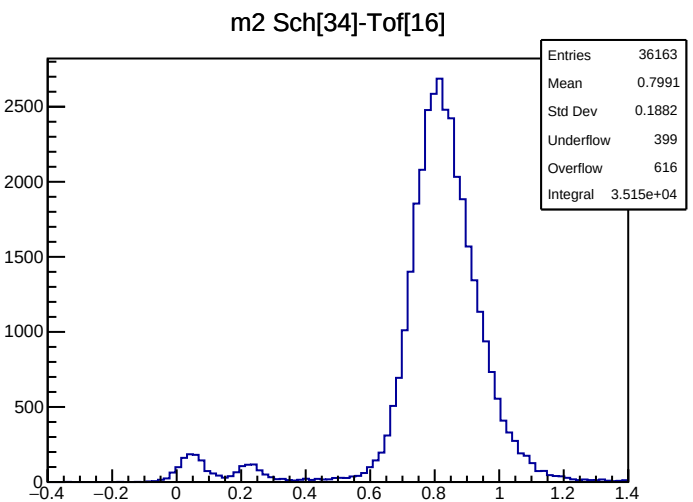

MissMass Sigma Sch[34]-Tof[15]
Entries 1575
Mean 1.2
Std Dev 0.03039
Underflow 6
Overflow 0
Integral 1569

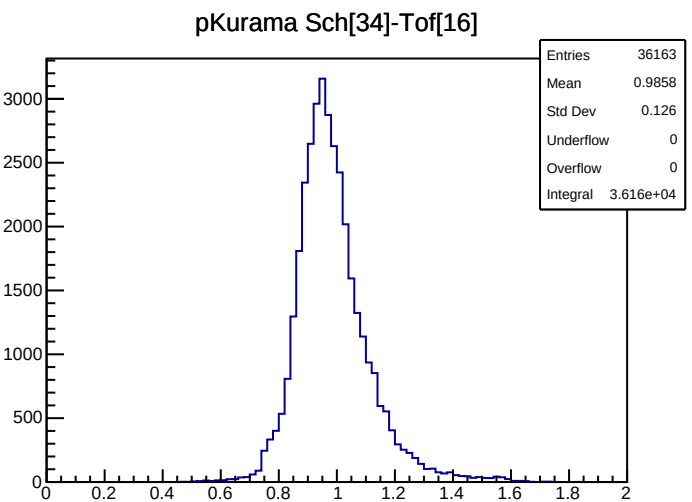

m2 Sch[34]-Tof[15]
Entries 22955
Mean 0.7029
Std Dev 0.3101
Underflow 275
Overflow 374
Integral 2.231e+04

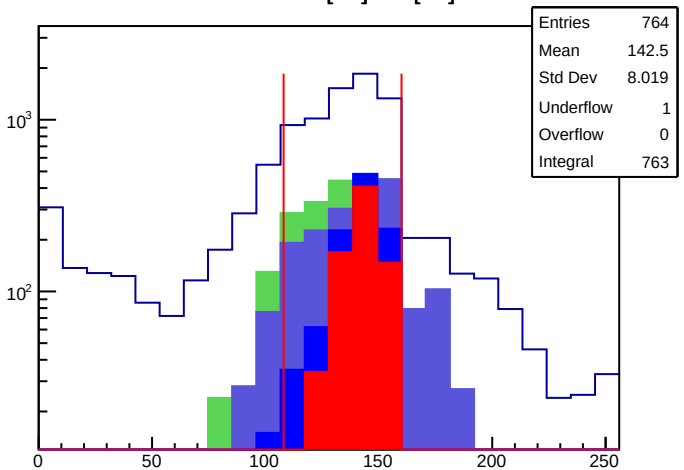

pKurama Sch[34]-Tof[15]
Entries 22955
Mean 0.9302
Std Dev 0.1157
Underflow 0
Overflow 1
Integral 2.295e+04

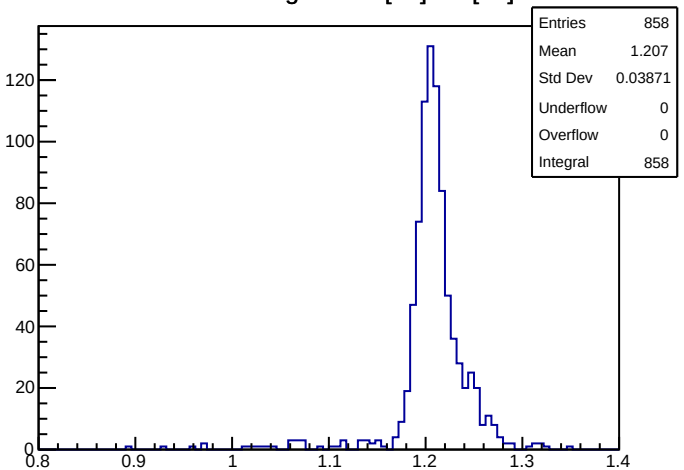

sftx all Sch[34]-Tof[16]
Entries 468
Mean 103
Std Dev 6.491
Underflow 1
Overflow 0
Integral 467

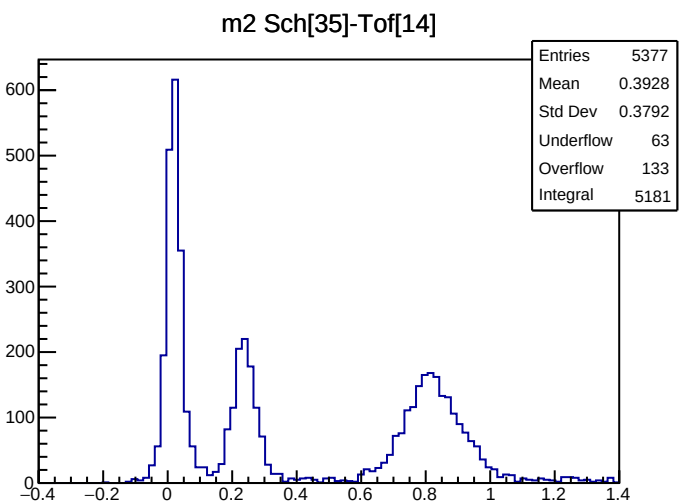

MissMass Sigma Sch[34]-Tof[16]
Entries 522
Mean 1.186
Std Dev 0.03696
Underflow 4
Overflow 0
Integral 518

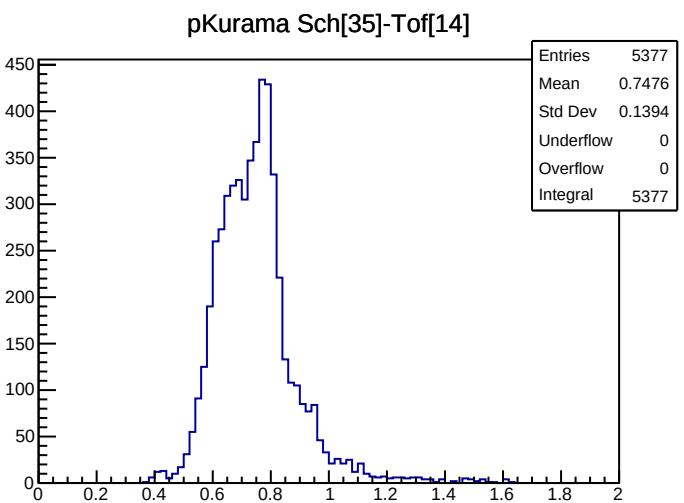

m2 Sch[34]-Tof[16]
Entries 36163
Mean 0.7991
Std Dev 0.1882
Underflow 399
Overflow 616
Integral 3.515e+04

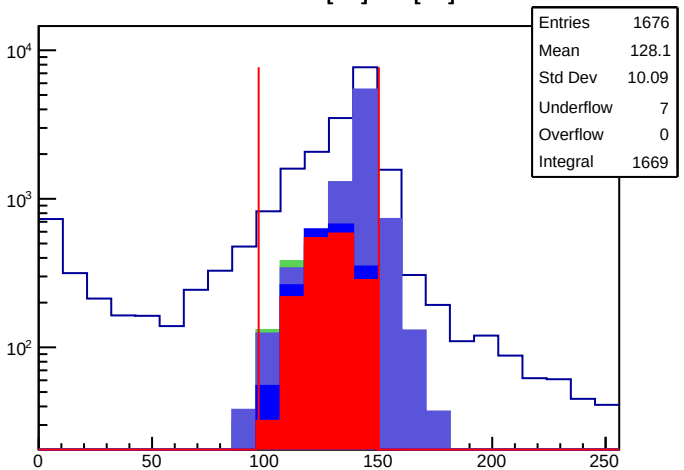

pKurama Sch[34]-Tof[16]
Entries 36163
Mean 0.9858
Std Dev 0.126
Underflow 0
Overflow 0
Integral 3.616e+04

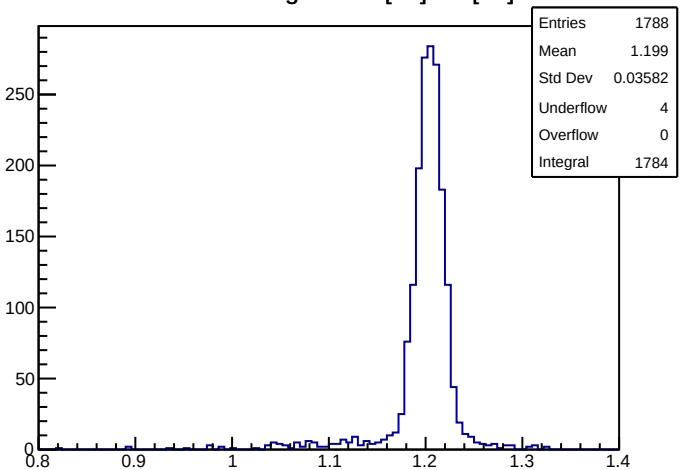

sftx all Sch[35]-Tof[14]
Entries 764
Mean 142.5
Std Dev 8.019
Underflow 1
Overflow 0
Integral 763
10^3
10^2
0
50
100
150
200
250

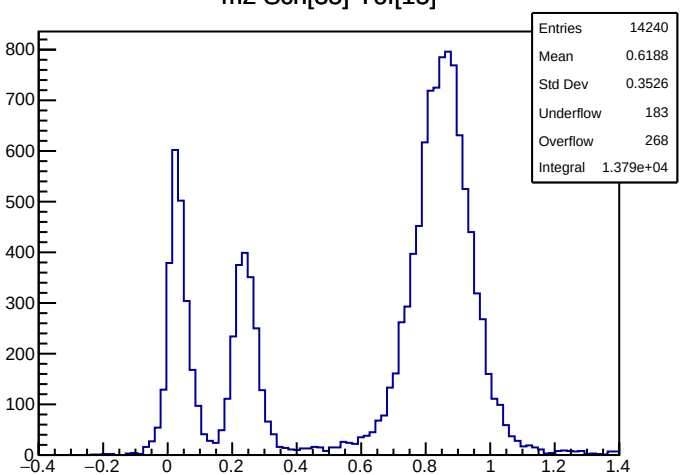

MissMass Sigma Sch[35]-Tof[14]
Entries 858
Mean 1.207
Std Dev 0.03871
Underflow 0
Overflow 0
Integral 858
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

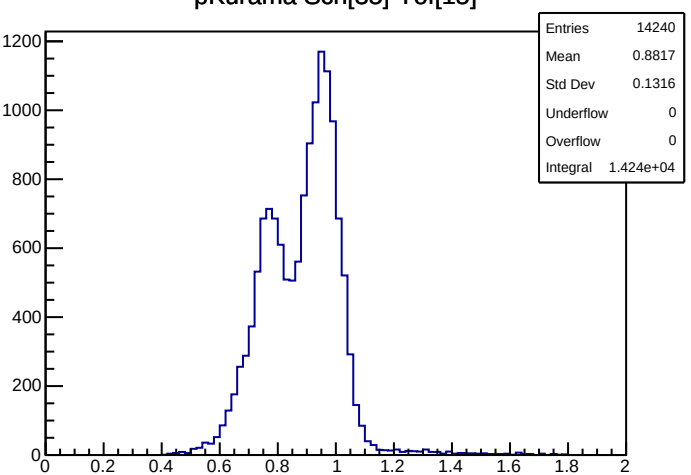

m2 Sch[35]-Tof[14]
Entries 5377
Mean 0.3928
Std Dev 0.3792
Underflow 63
Overflow 133
Integral 5181
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

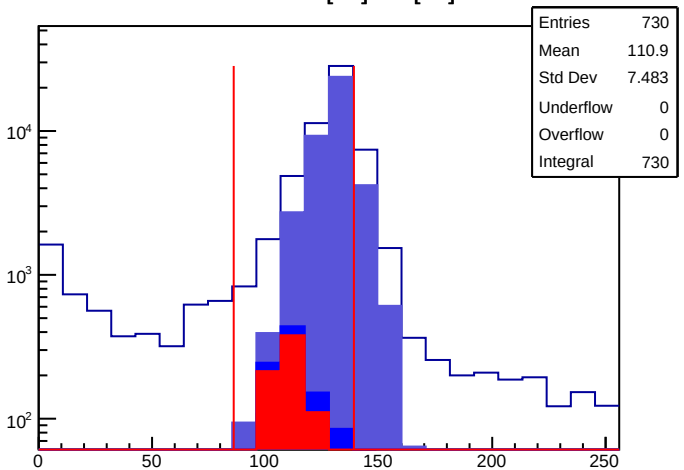

pKurama Sch[35]-Tof[14]
Entries 5377
Mean 0.7476
Std Dev 0.1394
Underflow 0
Overflow 0
Integral 5377
450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

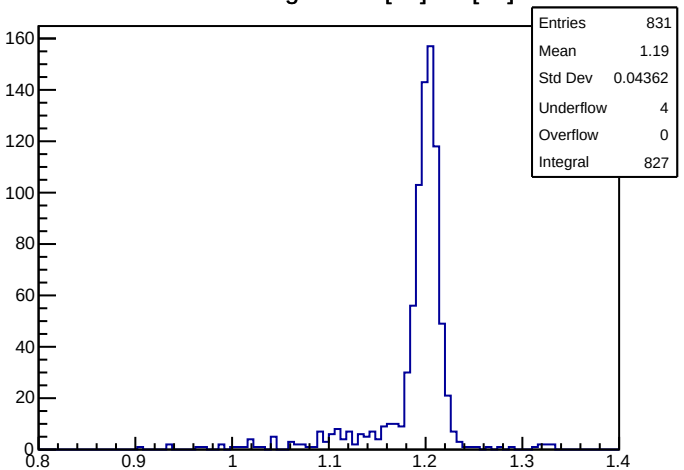

sftx all Sch[35]-Tof[15]
Entries 1676
Mean 128.1
Std Dev 10.09
Underflow 7
Overflow 0
Integral 1669

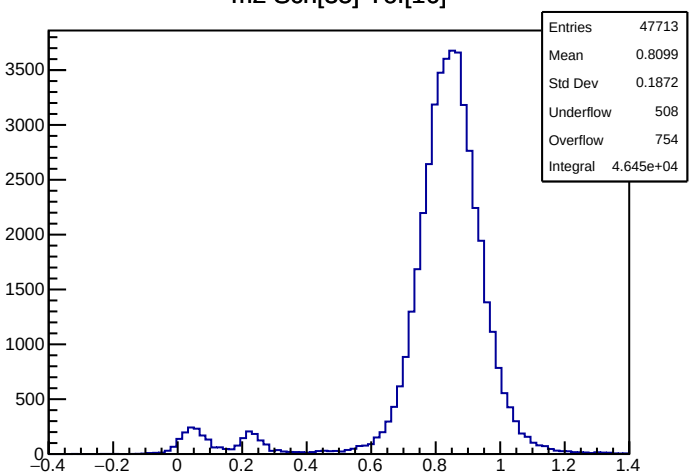

MissMass Sigma Sch[35]-Tof[15]
Entries 1788
Mean 1.199
Std Dev 0.03582
Underflow 4
Overflow 0
Integral 1784

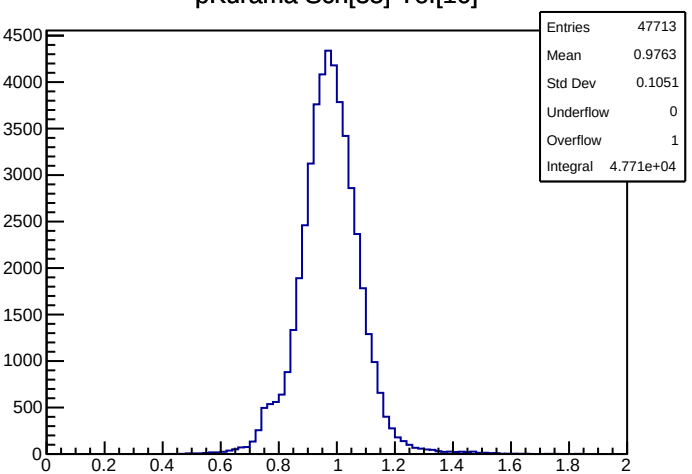

m2 Sch[35]-Tof[15]
Entries 14240
Mean 0.6188
Std Dev 0.3526
Underflow 183
Overflow 268
Integral 1.379e+04

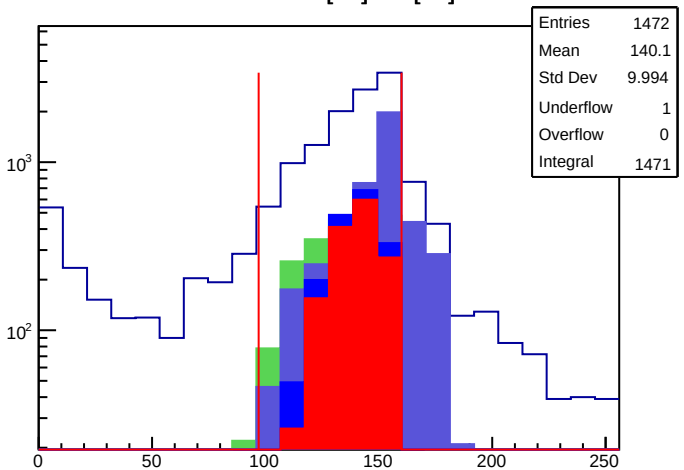

pKurama Sch[35]-Tof[15]
Entries 14240
Mean 0.8817
Std Dev 0.1316
Underflow 0
Overflow 0
Integral 1.424e+04

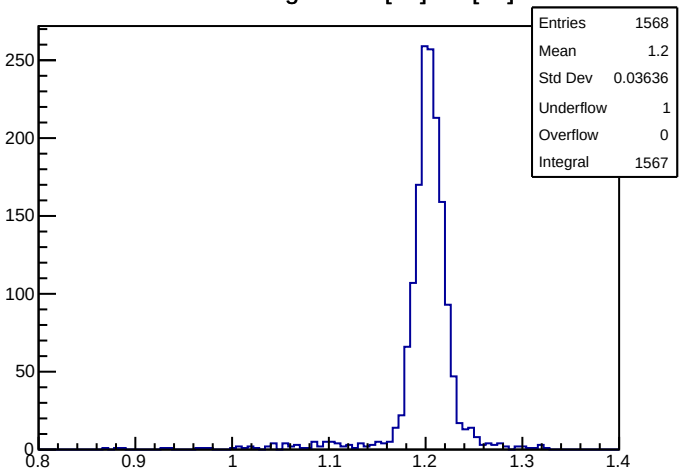

sftx all Sch[35]-Tof[16]
Entries 730
Mean 110.9
Std Dev 7.483
Underflow 0
Overflow 0
Integral 730

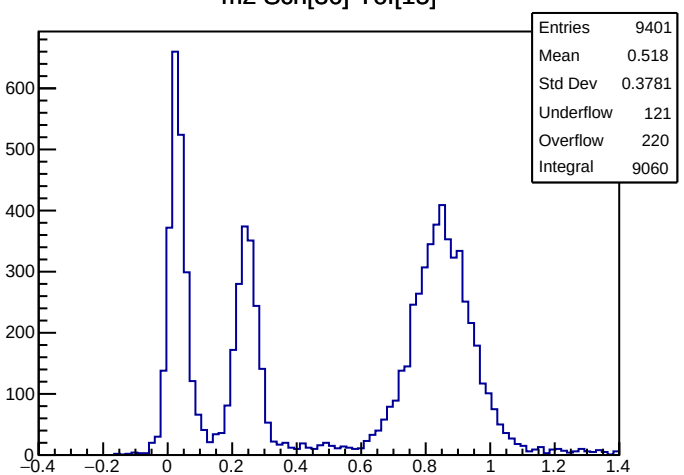

MissMass Sigma Sch[35]-Tof[16]
Entries 831
Mean 1.19
Std Dev 0.04362
Underflow 4
Overflow 0
Integral 827

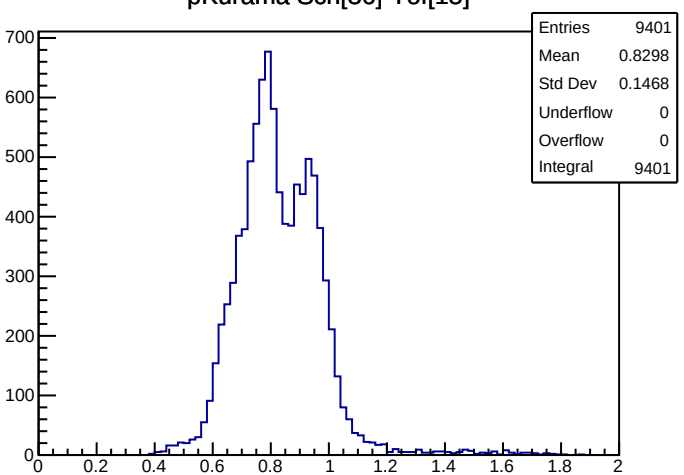

m2 Sch[35]-Tof[16]
Entries 47713
Mean 0.8099
Std Dev 0.1872
Underflow 508
Overflow 754
Integral 4.645e+04

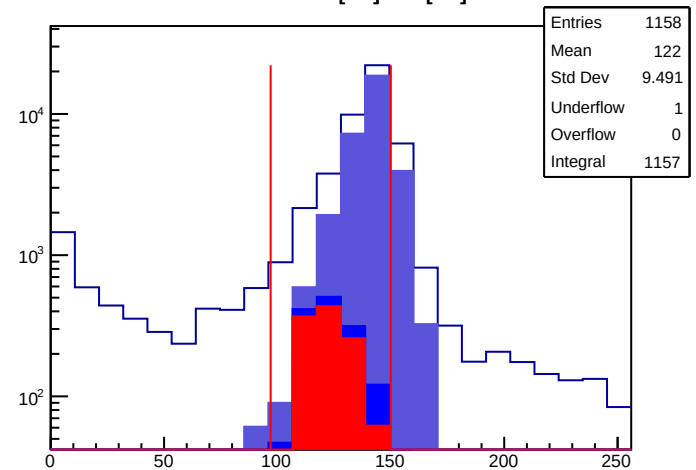

pKurama Sch[35]-Tof[16]
Entries 47713
Mean 0.9763
Std Dev 0.1051
Underflow 0
Overflow 1
Integral 4.771e+04

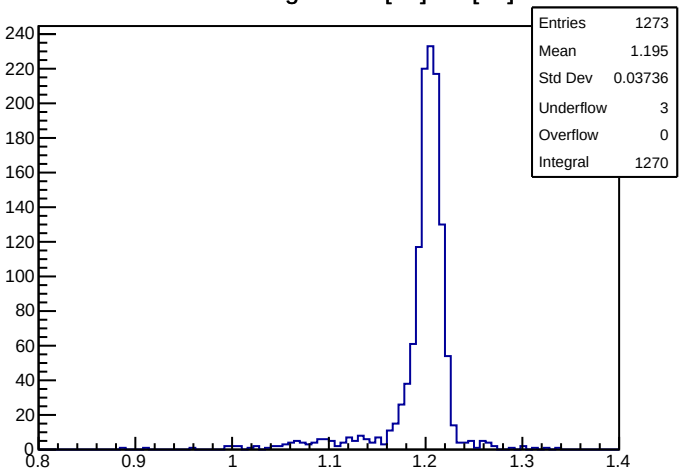

sftx all Sch[36]-Tof[15]
Entries 1472
Mean 140.1
Std Dev 9.994
Underflow 1
Overflow 0
Integral 1471

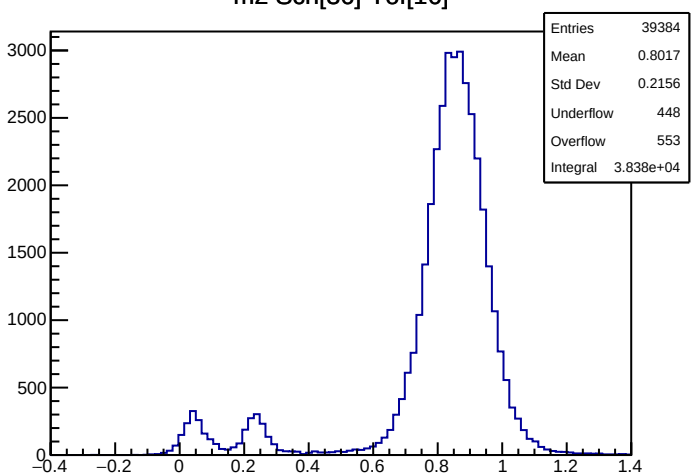

MissMass Sigma Sch[36]-Tof[15]
Entries 1568
Mean 1.2
Std Dev 0.03636
Underflow 1
Overflow 0
Integral 1567

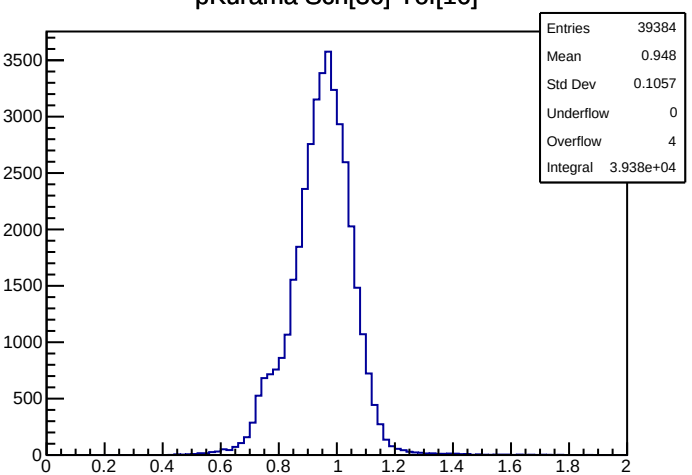

m2 Sch[36]-Tof[15]
Entries 9401
Mean 0.518
Std Dev 0.3781
Underflow 121
Overflow 220
Integral 9060

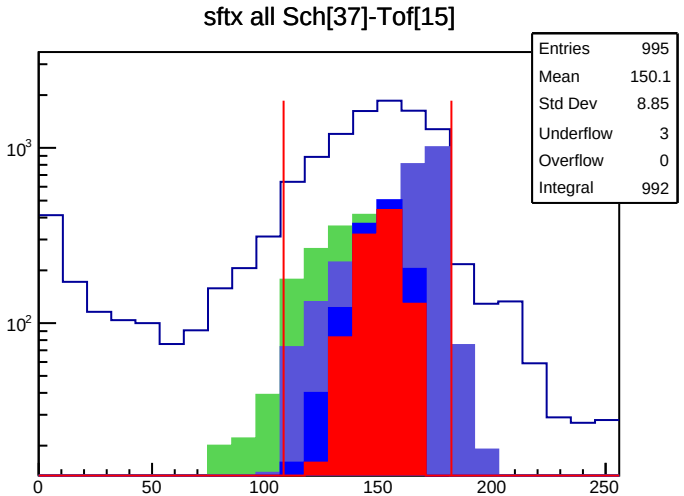

pKurama Sch[36]-Tof[15]
Entries 9401
Mean 0.8298
Std Dev 0.1468
Underflow 0
Overflow 0
Integral 9401

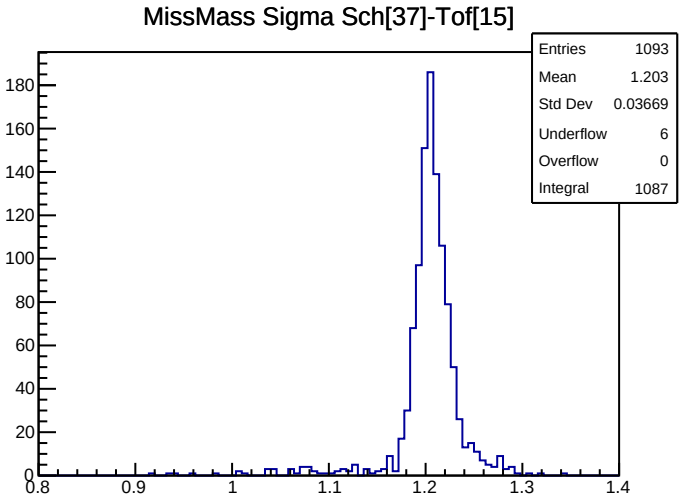

sftx all Sch[36]-Tof[16]
Entries 1158
Mean 122
Std Dev 9.491
Underflow 1
Overflow 0
Integral 1157

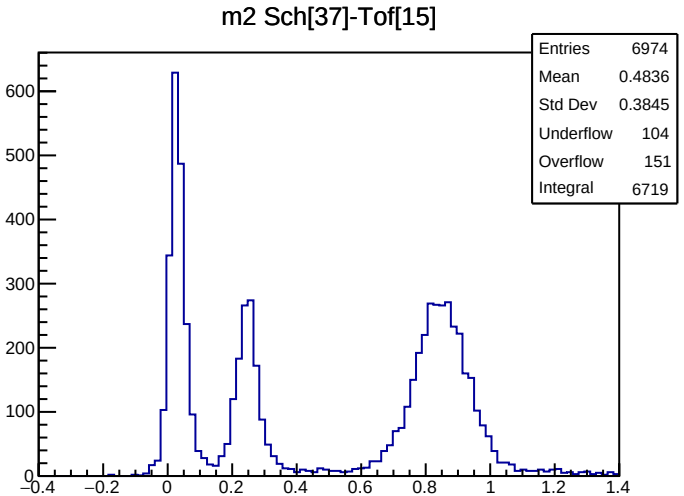

MissMass Sigma Sch[36]-Tof[16]
Entries 1273
Mean 1.195
Std Dev 0.03736
Underflow 3
Overflow 0
Integral 1270

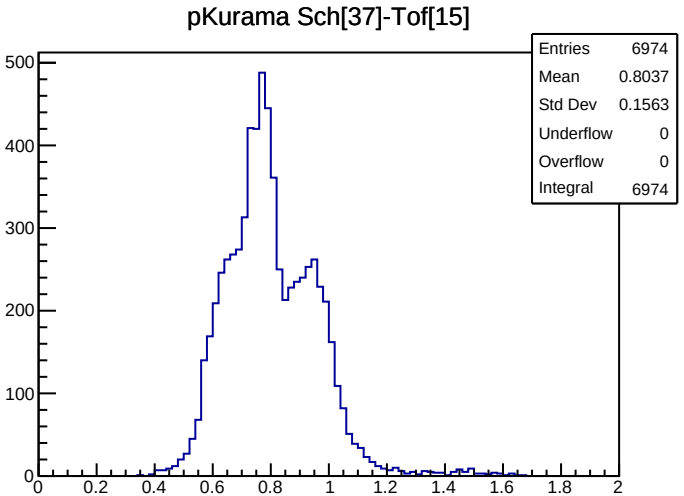

m2 Sch[36]-Tof[16]
Entries 39384
Mean 0.8017
Std Dev 0.2156
Underflow 448
Overflow 553
Integral 3.838e+04

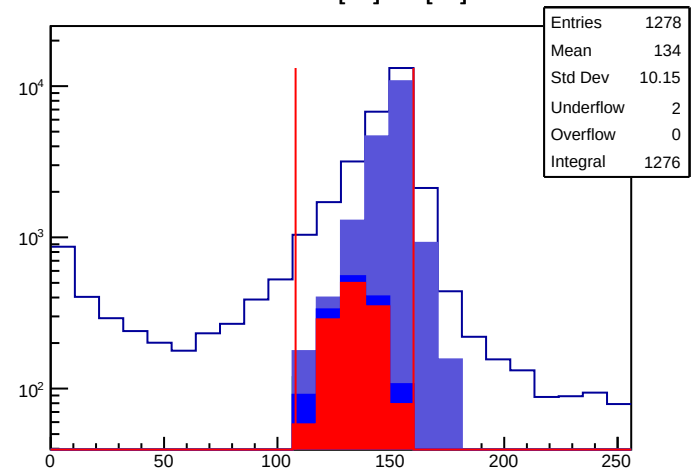

pKurama Sch[36]-Tof[16]
Entries 39384
Mean 0.948
Std Dev 0.1057
Underflow 0
Overflow 4
Integral 3.938e+04

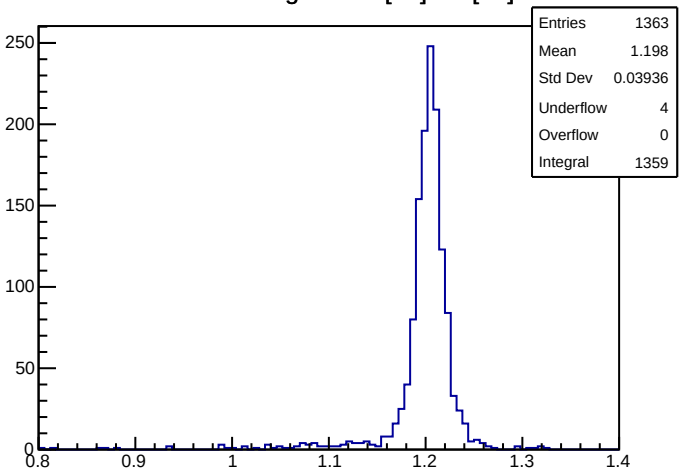

sftx all Sch[37]-Tof[15]
Entries 995
Mean 150.1
Std Dev 8.85
Underflow 3
Overflow 0
Integral 992

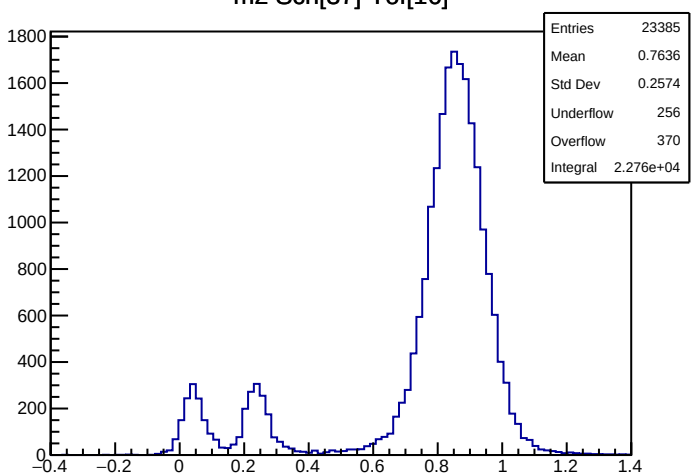

MissMass Sigma Sch[37]-Tof[15]
Entries 1093
Mean 1.203
Std Dev 0.03669
Underflow 6
Overflow 0
Integral 1087

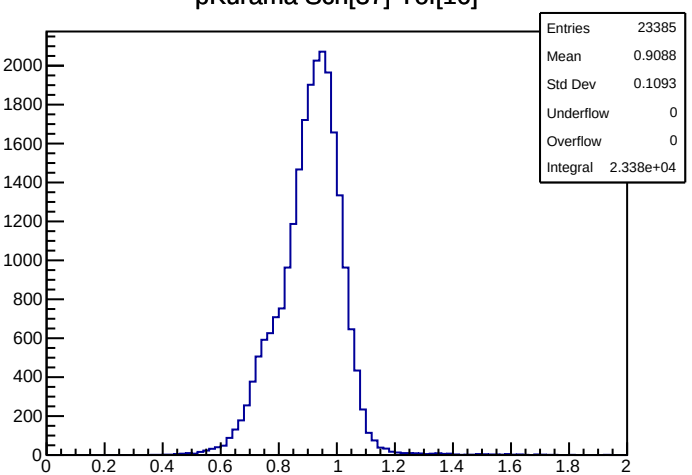

m2 Sch[37]-Tof[15]
Entries 6974
Mean 0.4836
Std Dev 0.3845
Underflow 104
Overflow 151
Integral 6719

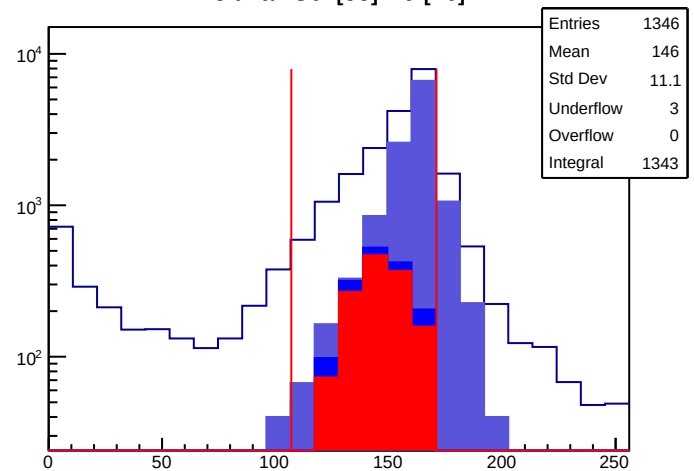

pKurama Sch[37]-Tof[15]
Entries 6974
Mean 0.8037
Std Dev 0.1563
Underflow 0
Overflow 0
Integral 6974

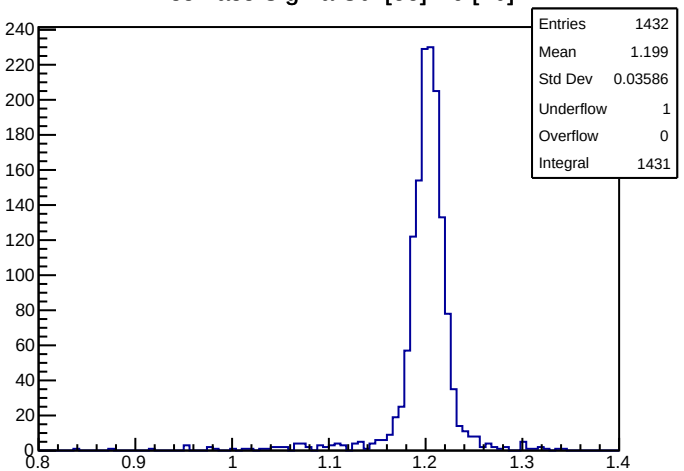

sftx all Sch[37]-Tof[16]
Entries 1278
Mean 134
Std Dev 10.15
Underflow 2
Overflow 0
Integral 1276

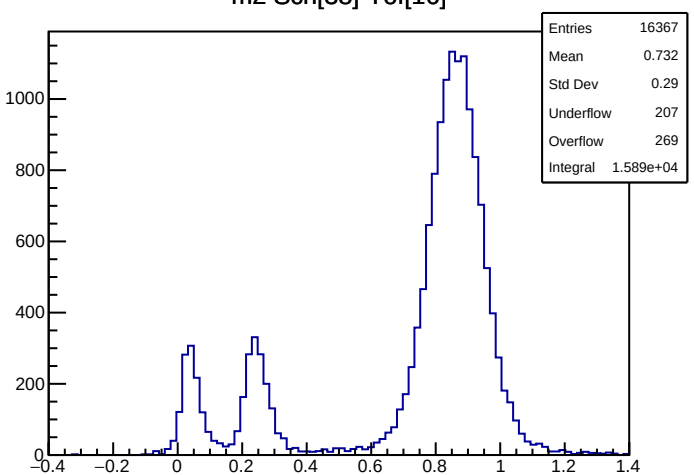

MissMass Sigma Sch[37]-Tof[16]
Entries 1363
Mean 1.198
Std Dev 0.03936
Underflow 4
Overflow 0
Integral 1359

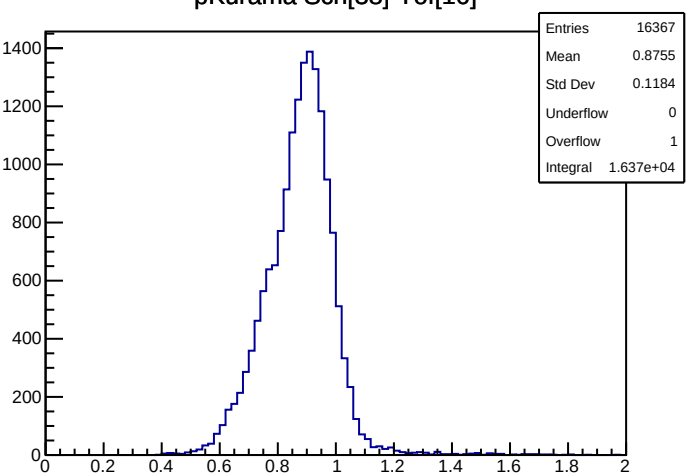

m2 Sch[37]-Tof[16]
Entries 23385
Mean 0.7636
Std Dev 0.2574
Underflow 256
Overflow 370
Integral 2.276e+04

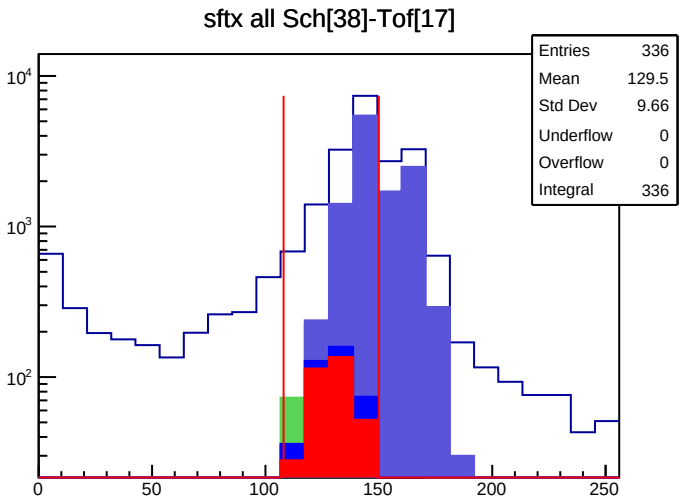

pKurama Sch[37]-Tof[16]
Entries 23385
Mean 0.9088
Std Dev 0.1093
Underflow 0
Overflow 0
Integral 2.338e+04

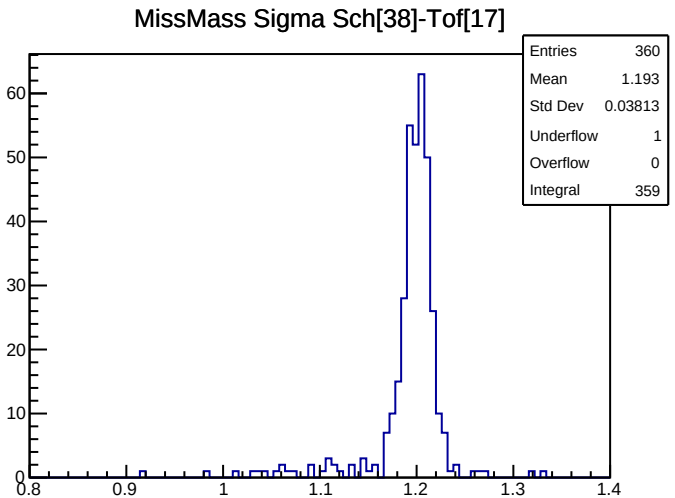

sftx all Sch[38]-Tof[16]
Entries 1346
Mean 146
Std Dev 11.1
Underflow 3
Overflow 0
Integral 1343

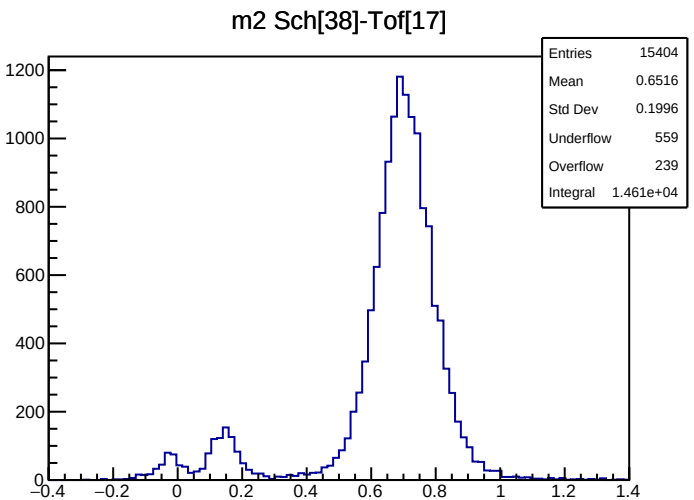

MissMass Sigma Sch[38]-Tof[16]
Entries 1432
Mean 1.199
Std Dev 0.03586
Underflow 1
Overflow 0
Integral 1431

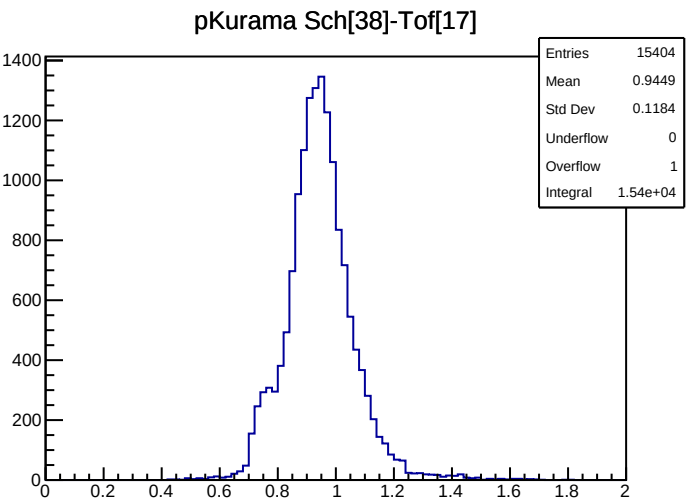

m2 Sch[38]-Tof[16]
Entries 16367
Mean 0.732
Std Dev 0.29
Underflow 207
Overflow 269
Integral 1.589e+04

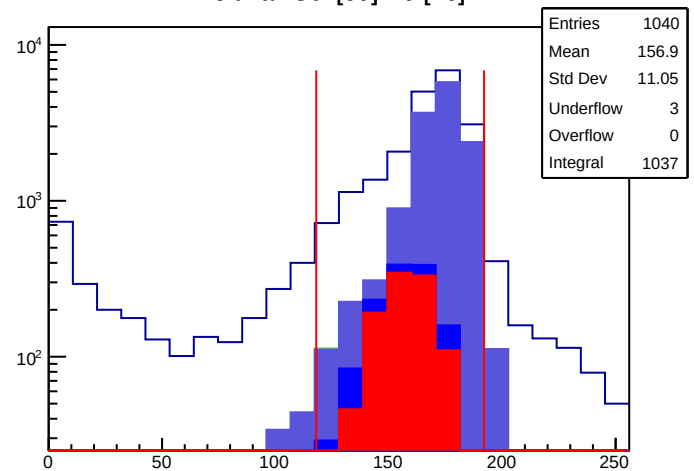

pKurama Sch[38]-Tof[16]
Entries 16367
Mean 0.8755
Std Dev 0.1184
Underflow 0
Overflow 1
Integral 1.637e+04

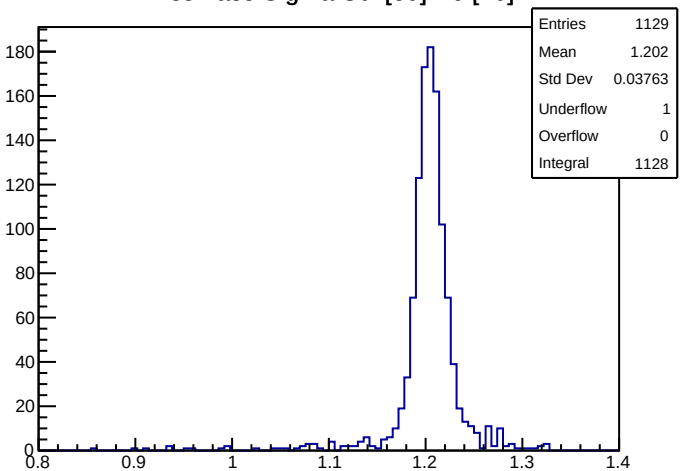

sftx all Sch[38]-Tof[17]
Entries 336
Mean 129.5
Std Dev 9.66
Underflow 0
Overflow 0
Integral 336

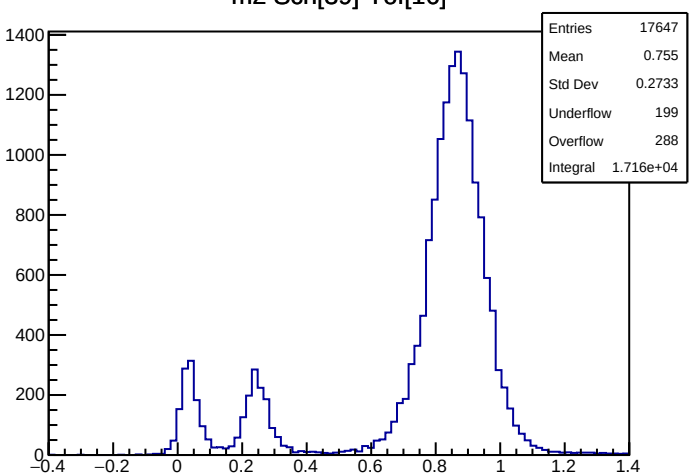

MissMass Sigma Sch[38]-Tof[17]
Entries 360
Mean 1.193
Std Dev 0.03813
Underflow 1
Overflow 0
Integral 359

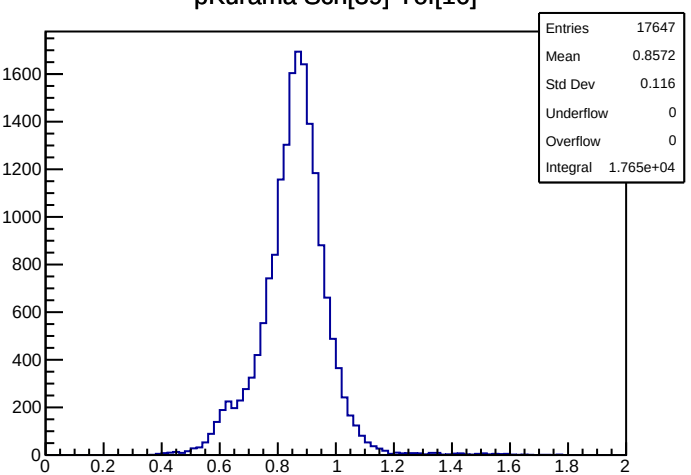

m2 Sch[38]-Tof[17]
Entries 15404
Mean 0.6516
Std Dev 0.1996
Underflow 559
Overflow 239
Integral 1.461e+04

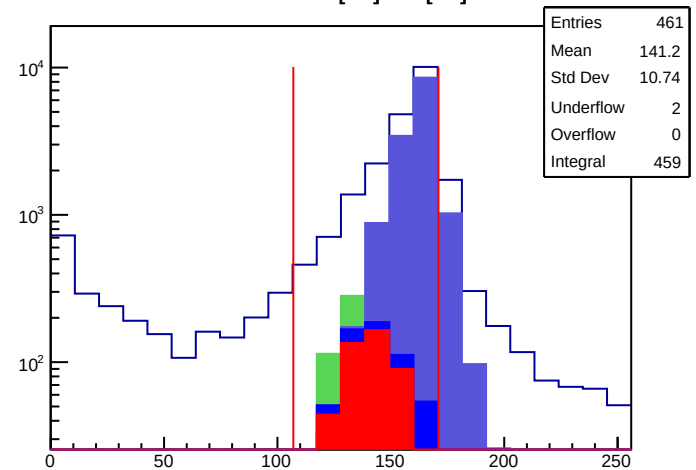

pKurama Sch[38]-Tof[17]
Entries 15404
Mean 0.9449
Std Dev 0.1184
Underflow 0
Overflow 1
Integral 1.54e+04

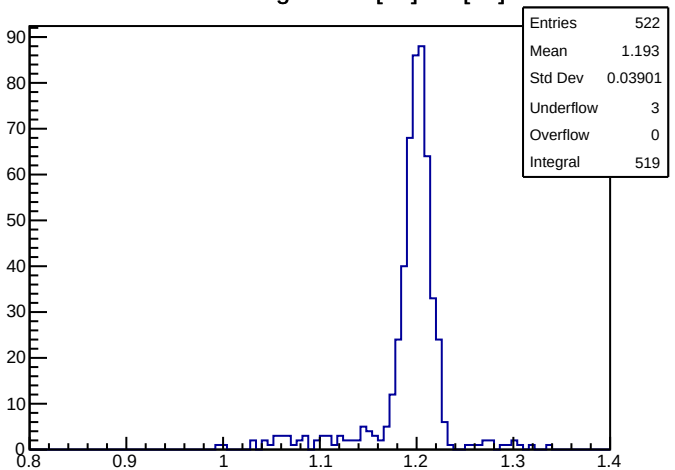

sftx all Sch[39]-Tof[16]
Entries 1040
Mean 156.9
Std Dev 11.05
Underflow 3
Overflow 0
Integral 1037

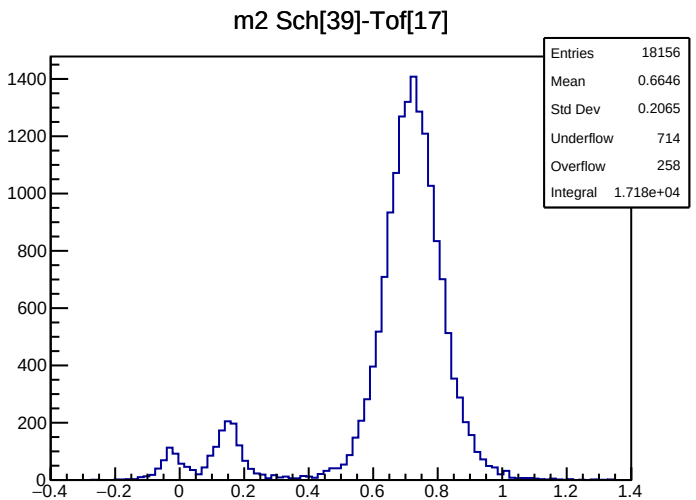

MissMass Sigma Sch[39]-Tof[16]
Entries 1129
Mean 1.202
Std Dev 0.03763
Underflow 1
Overflow 0
Integral 1128

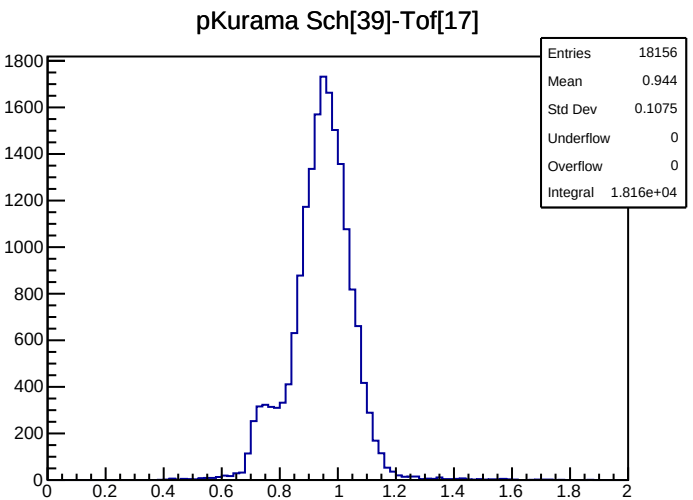

m2 Sch[39]-Tof[16]
Entries 17647
Mean 0.755
Std Dev 0.2733
Underflow 199
Overflow 288
Integral 1.716e+04

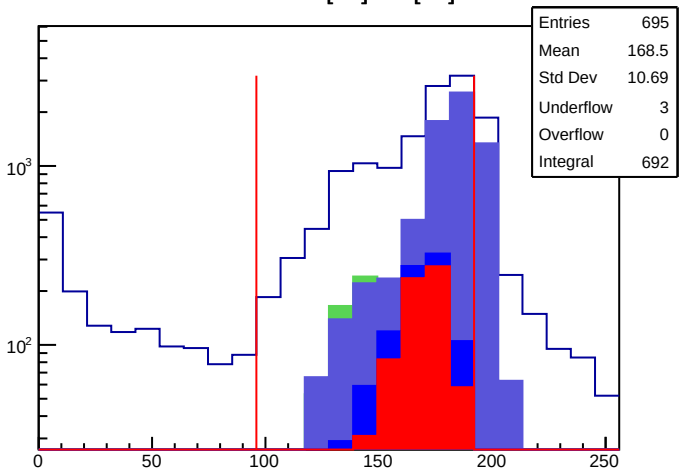

pKurama Sch[39]-Tof[16]
Entries 17647
Mean 0.8572
Std Dev 0.116
Underflow 0
Overflow 0
Integral 1.765e+04

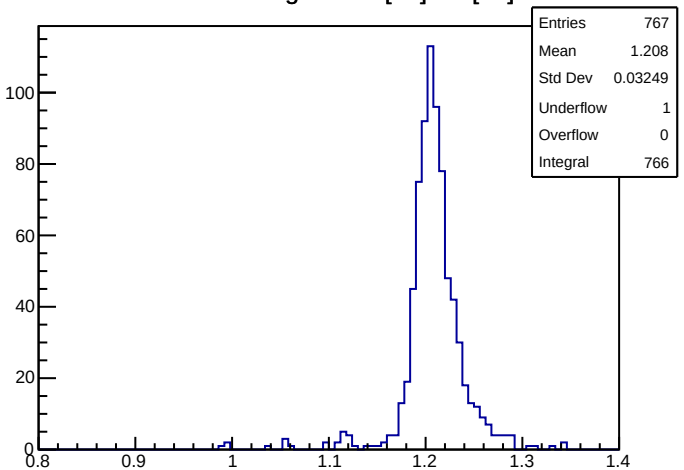

sftx all Sch[39]-Tof[17]
Entries 461
Mean 141.2
Std Dev 10.74
Underflow 2
Overflow 0
Integral 459

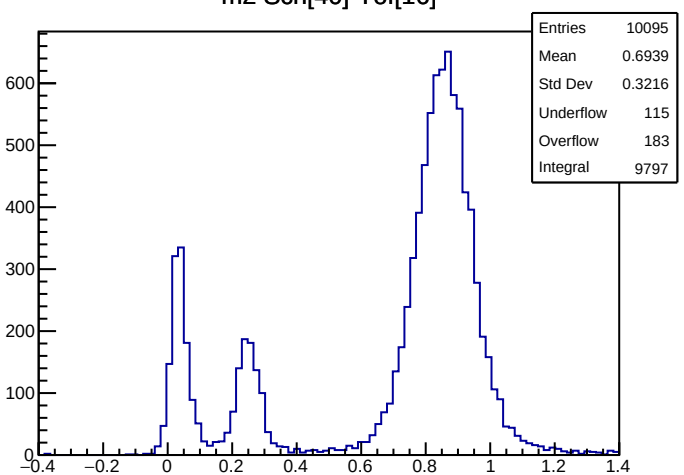

MissMass Sigma Sch[39]-Tof[17]
Entries 522
Mean 1.193
Std Dev 0.03901
Underflow 3
Overflow 0
Integral 519

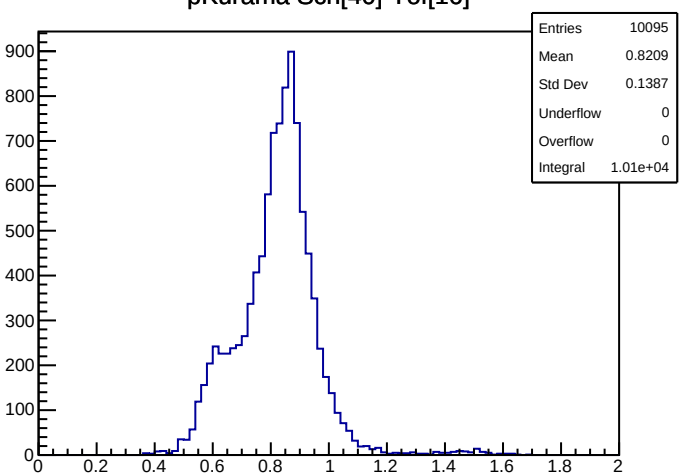

m2 Sch[39]-Tof[17]
Entries 18156
Mean 0.6646
Std Dev 0.2065
Underflow 714
Overflow 258
Integral 1.718e+04

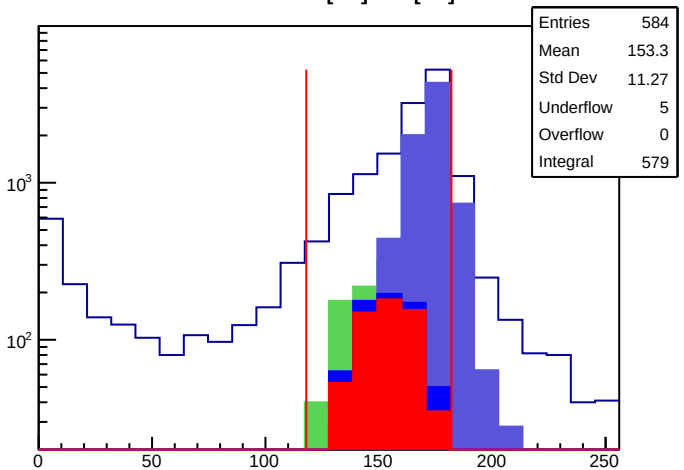

pKurama Sch[39]-Tof[17]
Entries 18156
Mean 0.944
Std Dev 0.1075
Underflow 0
Overflow 0
Integral 1.816e+04

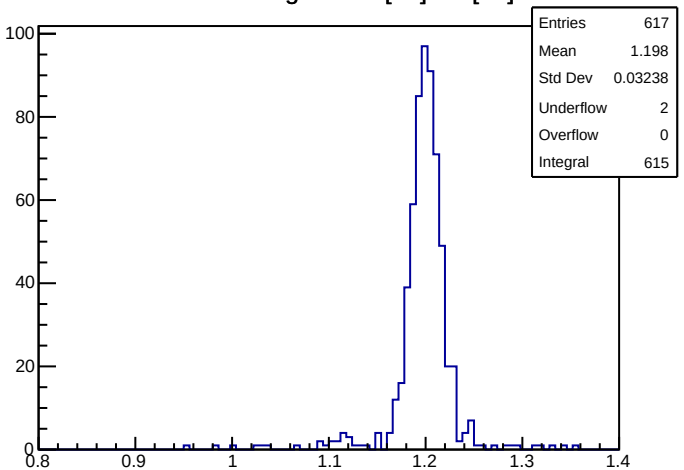

sftx all Sch[40]-Tof[16]
Entries 695
Mean 168.5
Std Dev 10.69
Underflow 3
Overflow 0
Integral 692
10^3
10^2
0
50
100
150
200
250

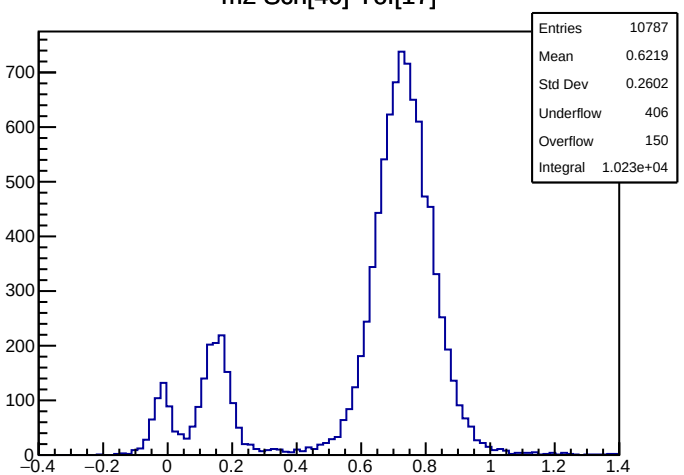

MissMass Sigma Sch[40]-Tof[16]
Entries 767
Mean 1.208
Std Dev 0.03249
Underflow 1
Overflow 0
Integral 766
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

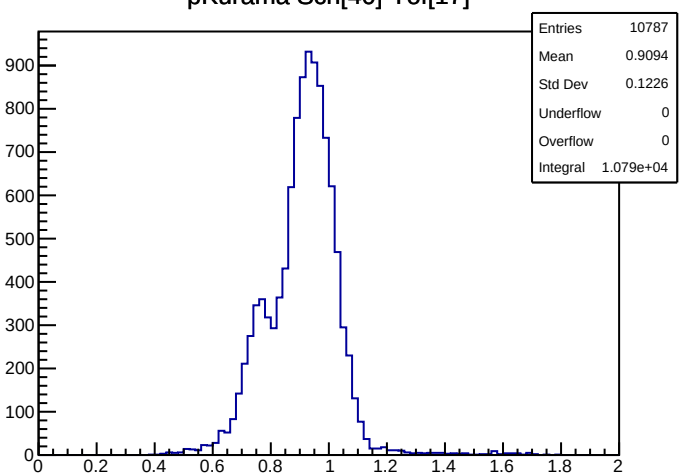

m2 Sch[40]-Tof[16]
Entries 10095
Mean 0.6939
Std Dev 0.3216
Underflow 115
Overflow 183
Integral 9797
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

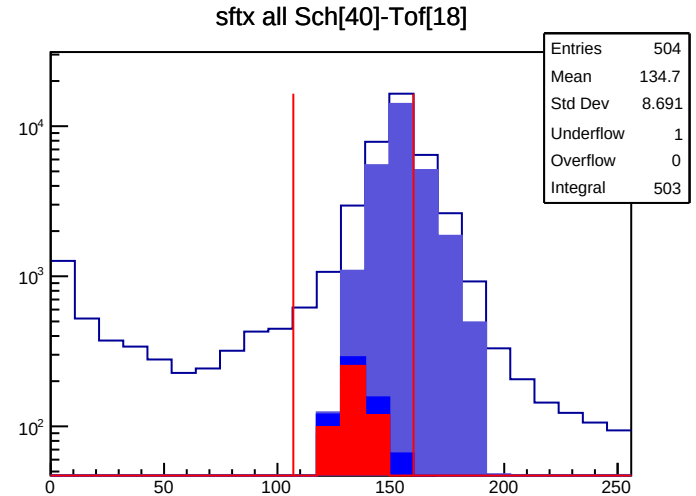

pKurama Sch[40]-Tof[16]
Entries 10095
Mean 0.8209
Std Dev 0.1387
Underflow 0
Overflow 0
Integral 1.01e+04
900
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

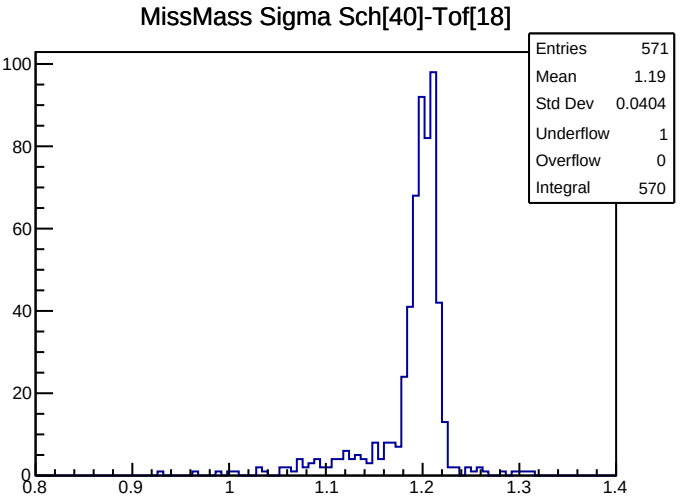

sftx all Sch[40]-Tof[17]
Entries 584
Mean 153.3
Std Dev 11.27
Underflow 5
Overflow 0
Integral 579

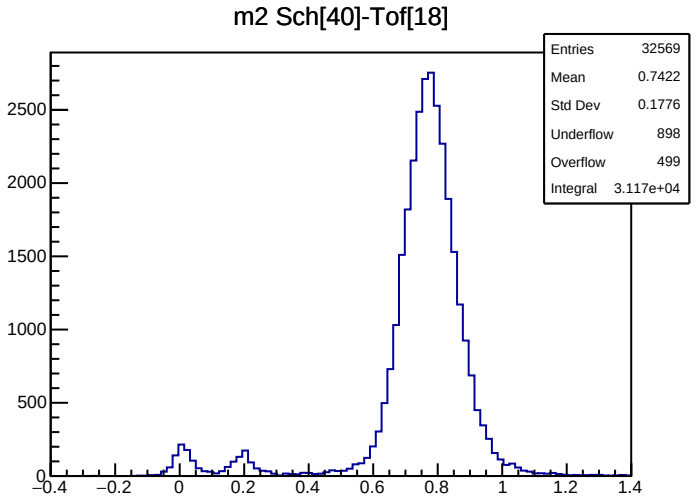

MissMass Sigma Sch[40]-Tof[17]
Entries 617
Mean 1.198
Std Dev 0.03238
Underflow 2
Overflow 0
Integral 615

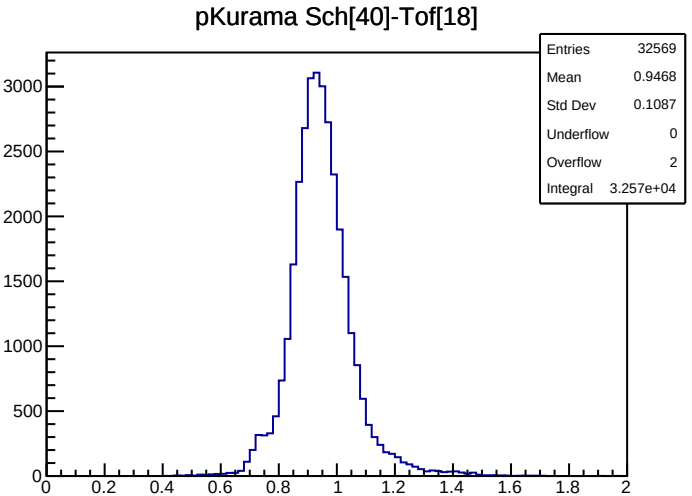

m2 Sch[40]-Tof[17]
Entries 10787
Mean 0.6219
Std Dev 0.2602
Underflow 406
Overflow 150
Integral 1.023e+04

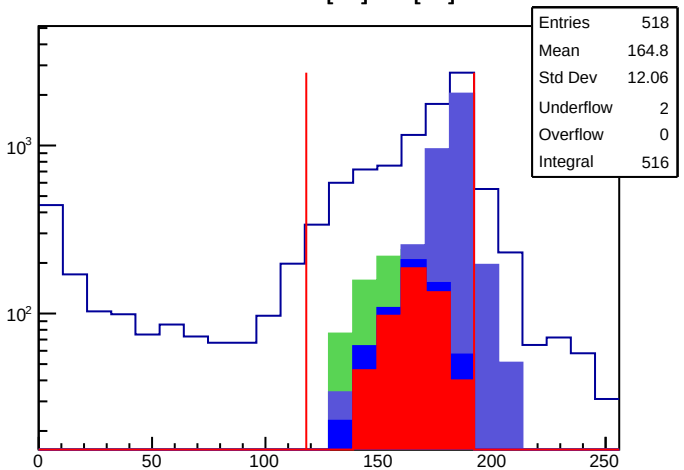

pKurama Sch[40]-Tof[17]
Entries 10787
Mean 0.9094
Std Dev 0.1226
Underflow 0
Overflow 0
Integral 1.079e+04

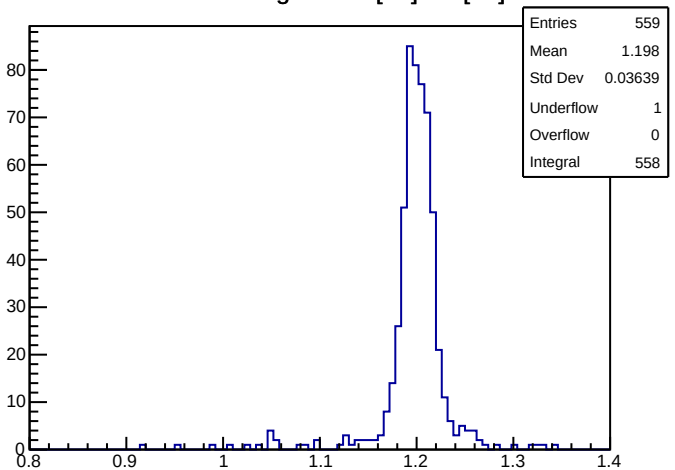

sftx all Sch[40]-Tof[18]
Entries 504
Mean 134.7
Std Dev 8.691
Underflow 1
Overflow 0
Integral 503

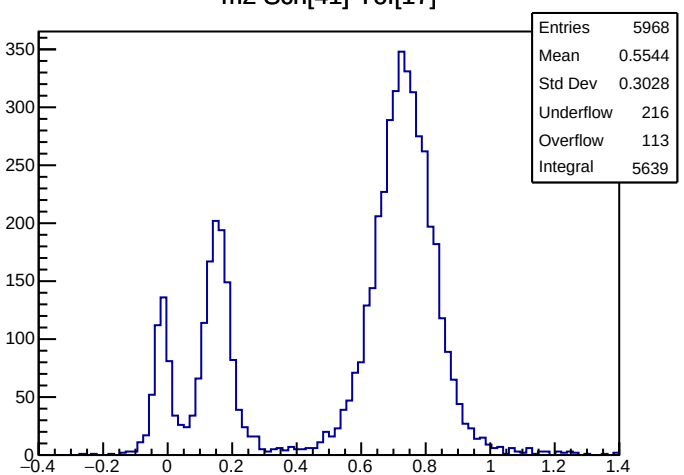

MissMass Sigma Sch[40]-Tof[18]
Entries 571
Mean 1.19
Std Dev 0.0404
Underflow 1
Overflow 0
Integral 570

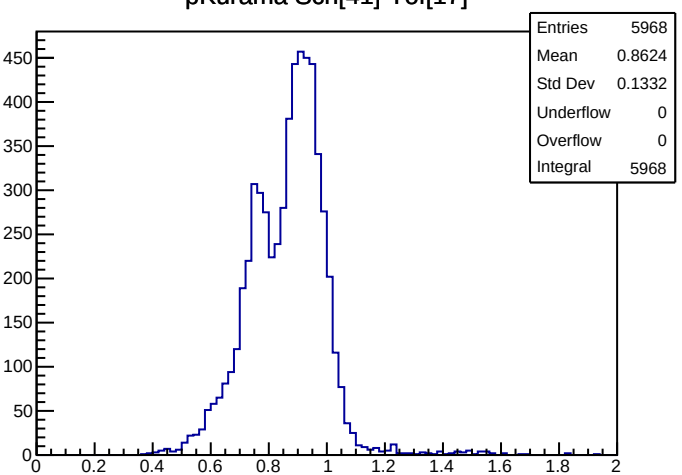

m2 Sch[40]-Tof[18]
Entries 32569
Mean 0.7422
Std Dev 0.1776
Underflow 898
Overflow 499
Integral 3.117e+04

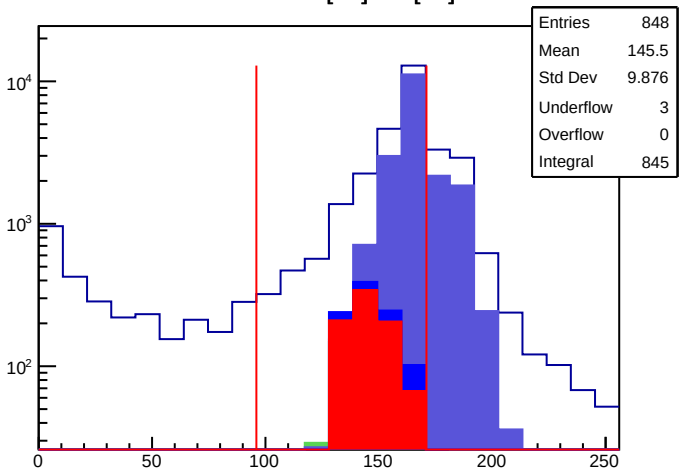

pKurama Sch[40]-Tof[18]
Entries 32569
Mean 0.9468
Std Dev 0.1087
Underflow 0
Overflow 2
Integral 3.257e+04

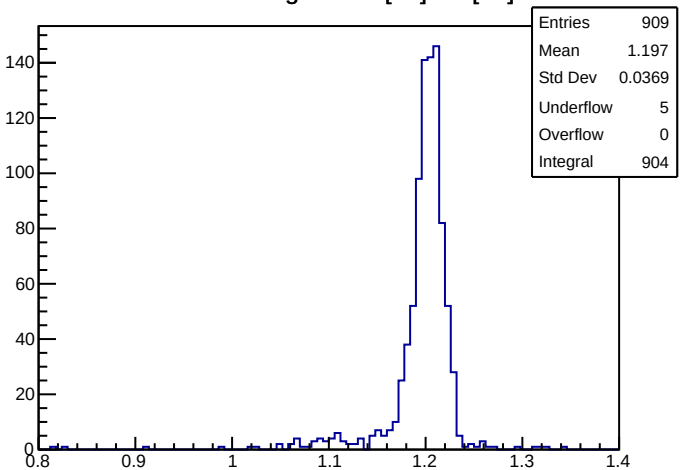

sftx all Sch[41]-Tof[17]
Entries 518
Mean 164.8
Std Dev 12.06
Underflow 2
Overflow 0
Integral 516
10^3
10^2
0
50
100
150
200
250

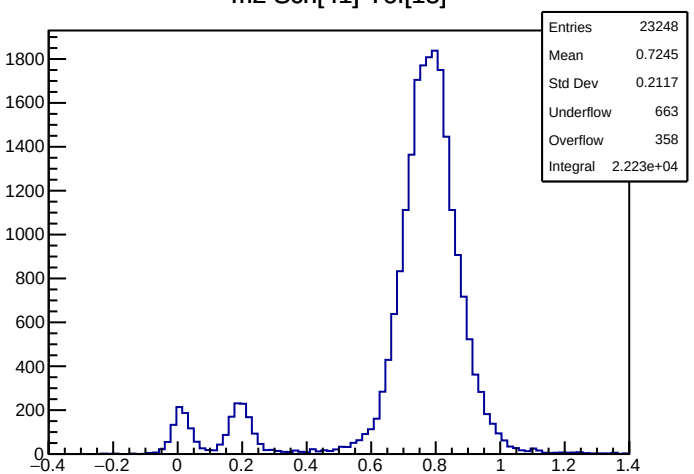

MissMass Sigma Sch[41]-Tof[17]
Entries 559
Mean 1.198
Std Dev 0.03639
Underflow 1
Overflow 0
Integral 558
0
10
20
30
40
50
60
70
80
0.8
0.9
1
1.1
1.2
1.3
1.4

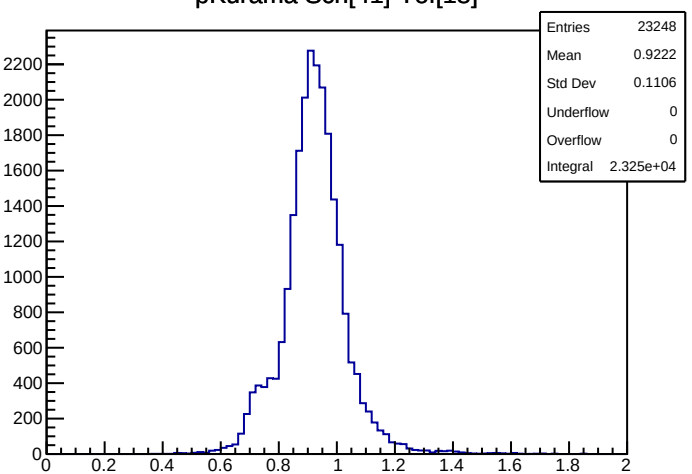

m2 Sch[41]-Tof[17]
Entries 5968
Mean 0.5544
Std Dev 0.3028
Underflow 216
Overflow 113
Integral 5639
0
50
100
150
200
250
300
350
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

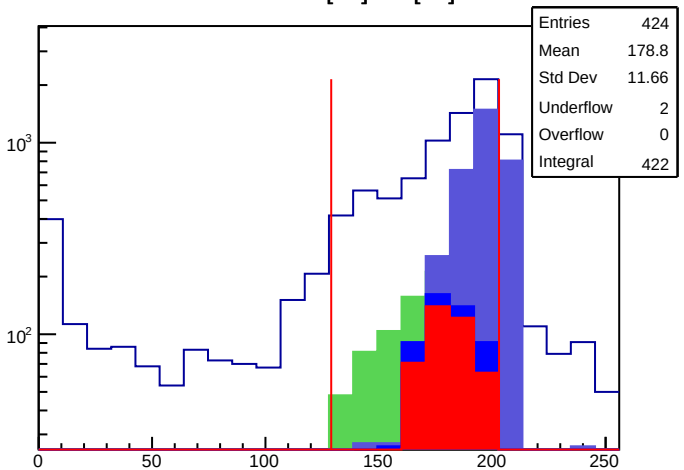

pKurama Sch[41]-Tof[17]
Entries 5968
Mean 0.8624
Std Dev 0.1332
Underflow 0
Overflow 0
Integral 5968
0
50
100
150
200
250
300
350
400
450
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

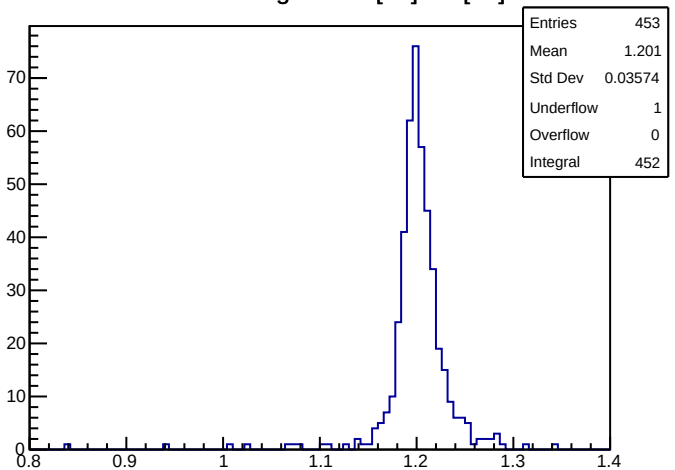

sftx all Sch[41]-Tof[18]
Entries 848
Mean 145.5
Std Dev 9.876
Underflow 3
Overflow 0
Integral 845

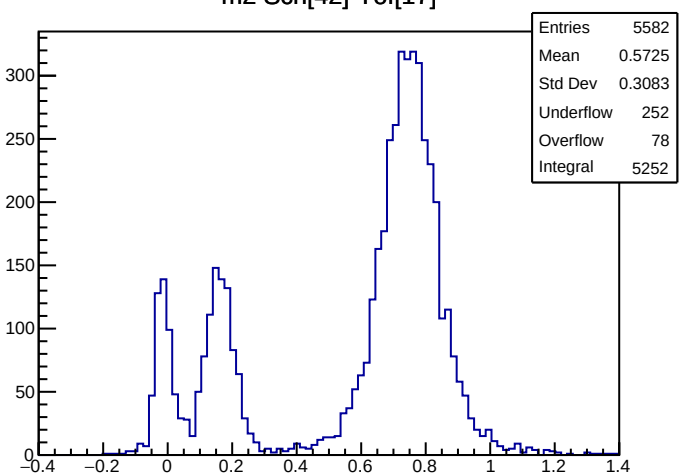

MissMass Sigma Sch[41]-Tof[18]
Entries 909
Mean 1.197
Std Dev 0.0369
Underflow 5
Overflow 0
Integral 904

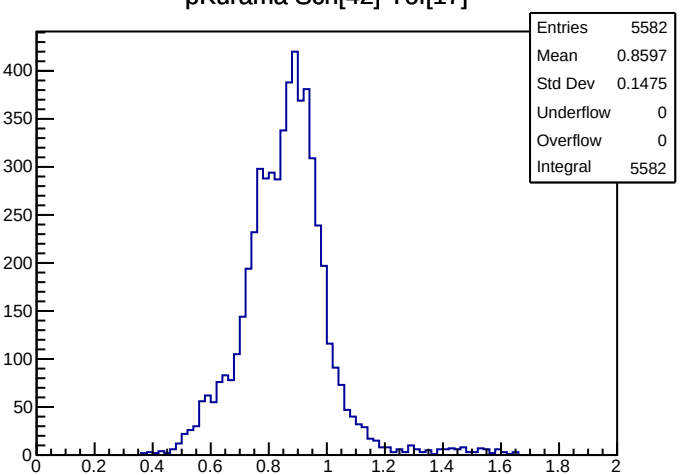

m2 Sch[41]-Tof[18]
Entries 23248
Mean 0.7245
Std Dev 0.2117
Underflow 663
Overflow 358
Integral 2.223e+04

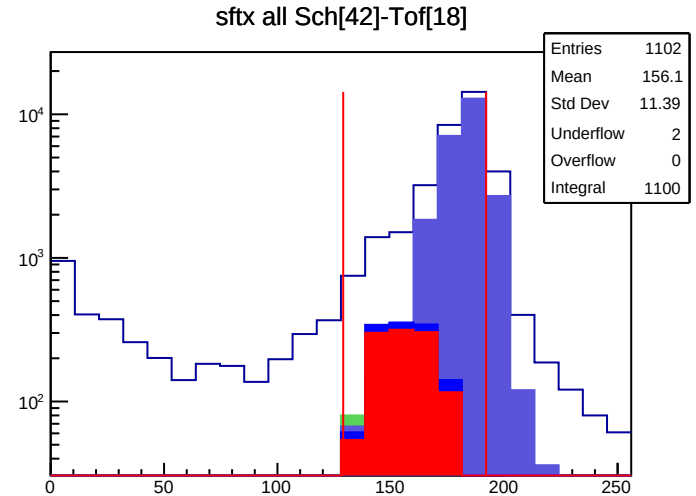

pKurama Sch[41]-Tof[18]
Entries 23248
Mean 0.9222
Std Dev 0.1106
Underflow 0
Overflow 0
Integral 2.325e+04

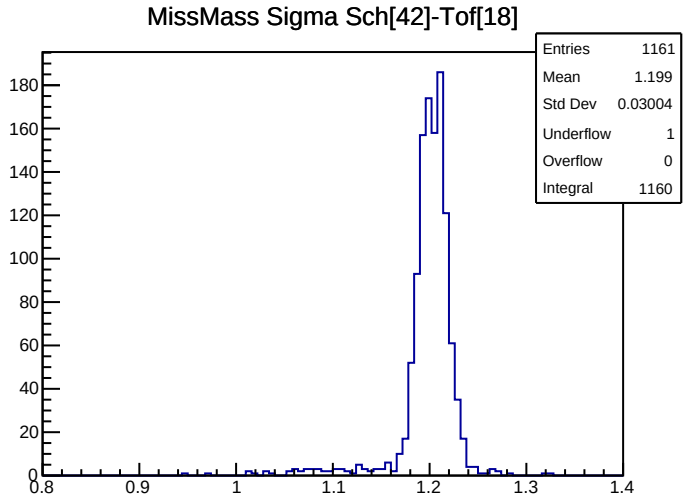

sftx all Sch[42]-Tof[17]
Entries 424
Mean 178.8
Std Dev 11.66
Underflow 2
Overflow 0
Integral 422
10^3
10^2
0
50
100
150
200
250

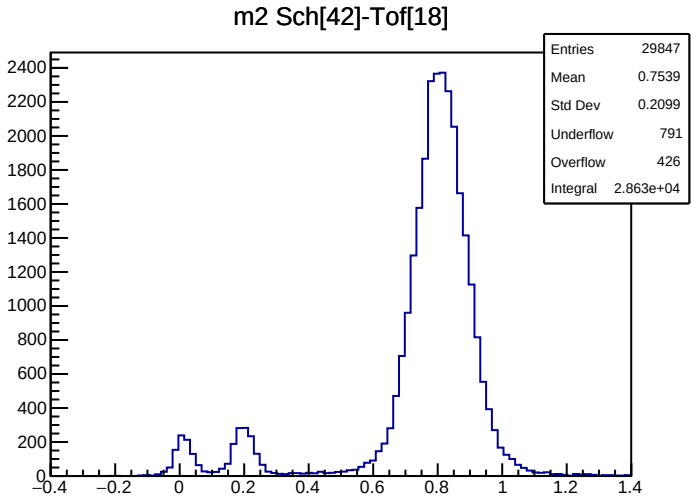

MissMass Sigma Sch[42]-Tof[17]
Entries 453
Mean 1.201
Std Dev 0.03574
Underflow 1
Overflow 0
Integral 452
0
10
20
30
40
50
60
70
0.8
0.9
1
1.1
1.2
1.3
1.4

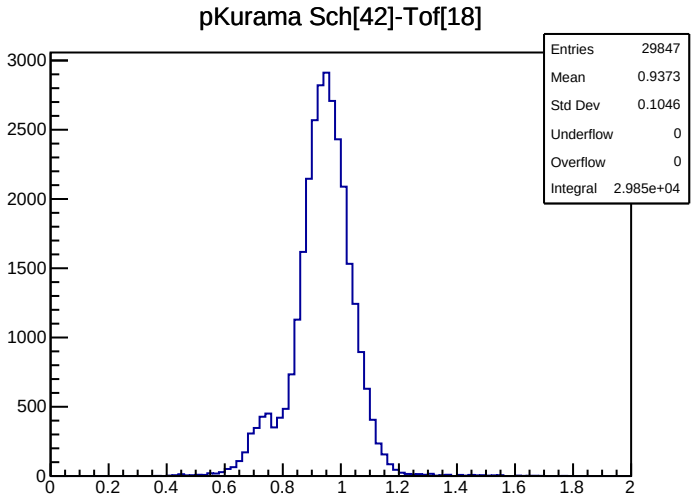

m2 Sch[42]-Tof[17]
Entries 5582
Mean 0.5725
Std Dev 0.3083
Underflow 252
Overflow 78
Integral 5252
0
50
100
150
200
250
300
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

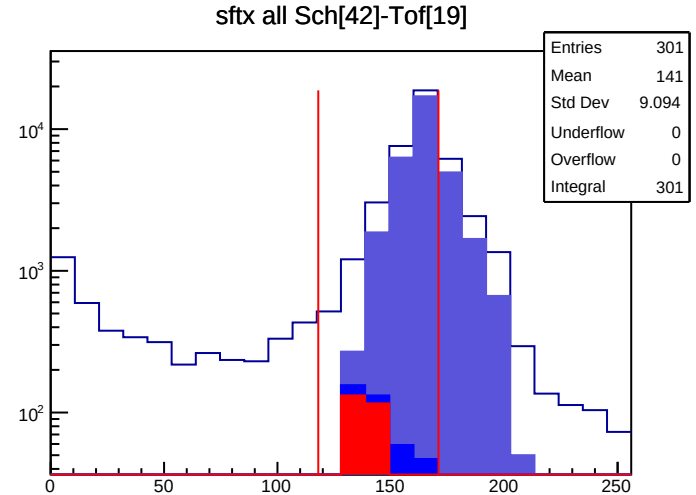

pKurama Sch[42]-Tof[17]
Entries 5582
Mean 0.8597
Std Dev 0.1475
Underflow 0
Overflow 0
Integral 5582
0
50
100
150
200
250
300
350
400
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

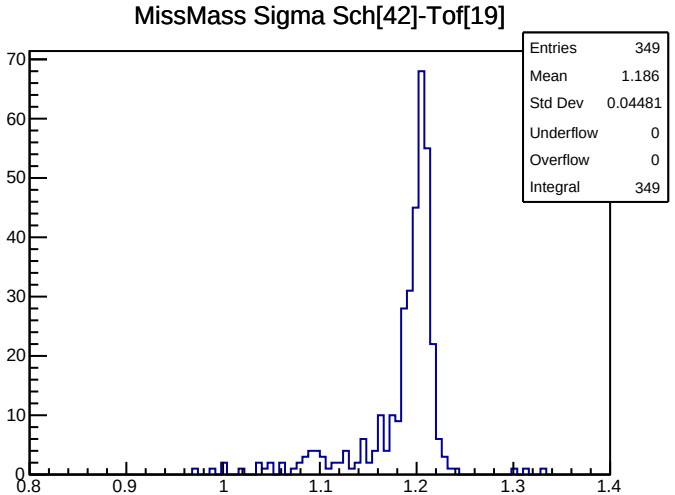

sftx all Sch[42]-Tof[18]
Entries 1102
Mean 156.1
Std Dev 11.39
Underflow 2
Overflow 0
Integral 1100

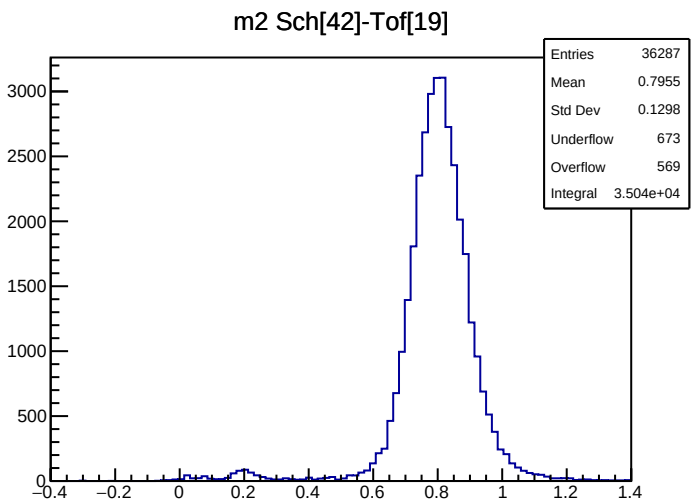

MissMass Sigma Sch[42]-Tof[18]
Entries 1161
Mean 1.199
Std Dev 0.03004
Underflow 1
Overflow 0
Integral 1160

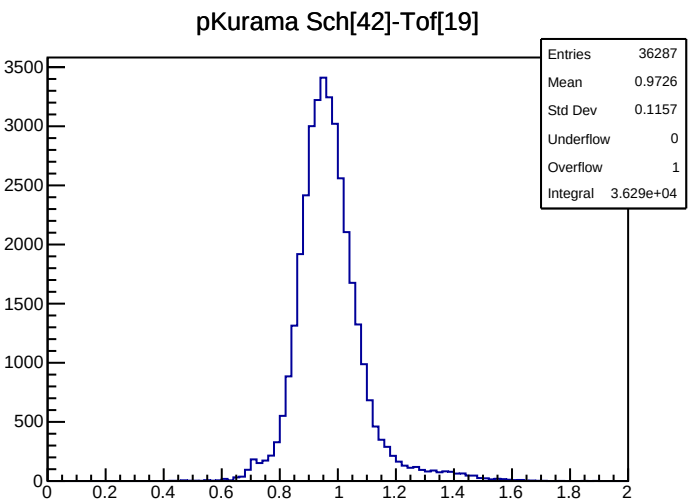

m2 Sch[42]-Tof[18]
Entries 29847
Mean 0.7539
Std Dev 0.2099
Underflow 791
Overflow 426
Integral 2.863e+04

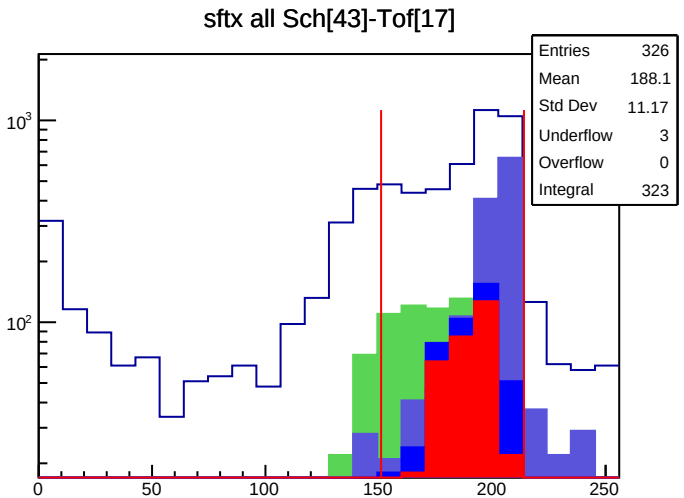

pKurama Sch[42]-Tof[18]
Entries 29847
Mean 0.9373
Std Dev 0.1046
Underflow 0
Overflow 0
Integral 2.985e+04

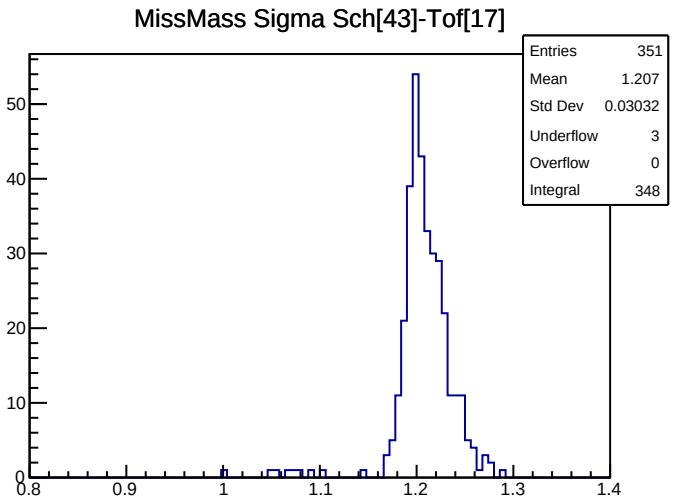

sftx all Sch[42]-Tof[19]
Entries 301
Mean 141
Std Dev 9.094
Underflow 0
Overflow 0
Integral 301

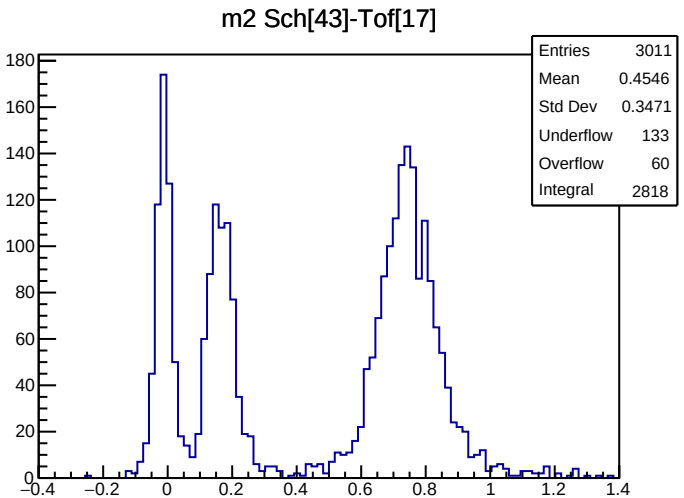

MissMass Sigma Sch[42]-Tof[19]
Entries 349
Mean 1.186
Std Dev 0.04481
Underflow 0
Overflow 0
Integral 349

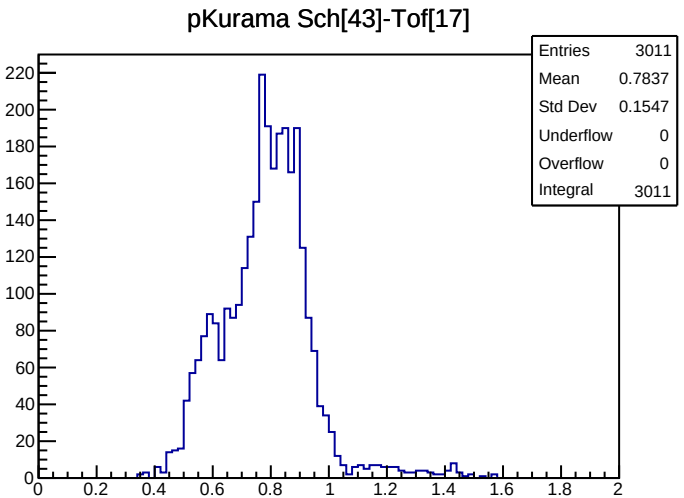

m2 Sch[42]-Tof[19]
Entries 36287
Mean 0.7955
Std Dev 0.1298
Underflow 673
Overflow 569
Integral 3.504e+04

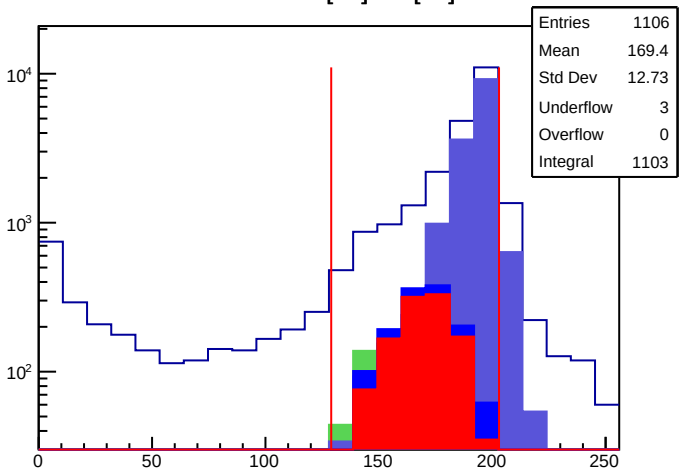

pKurama Sch[42]-Tof[19]
Entries 36287
Mean 0.9726
Std Dev 0.1157
Underflow 0
Overflow 1
Integral 3.629e+04

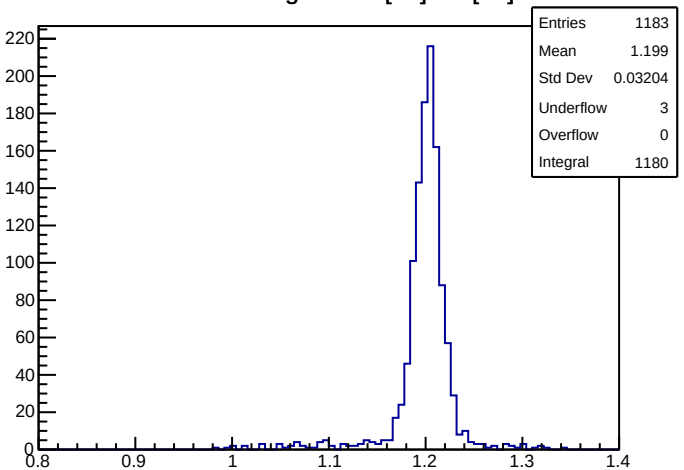

sftx all Sch[43]-Tof[17]
Entries 326
Mean 188.1
Std Dev 11.17
Underflow 3
Overflow 0
Integral 323

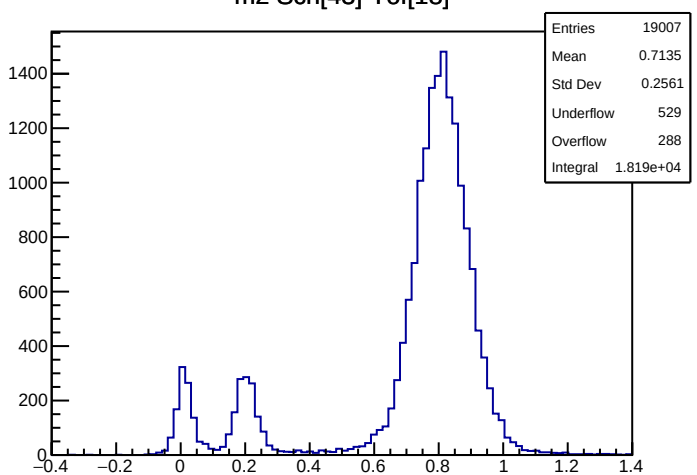

MissMass Sigma Sch[43]-Tof[17]
Entries 351
Mean 1.207
Std Dev 0.03032
Underflow 3
Overflow 0
Integral 348

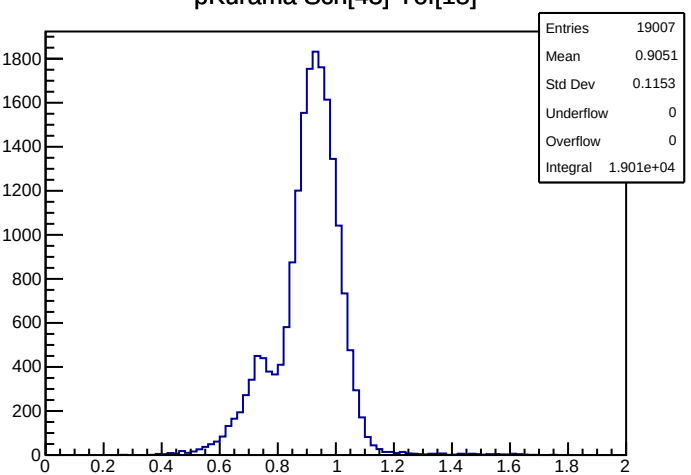

m2 Sch[43]-Tof[17]
Entries 3011
Mean 0.4546
Std Dev 0.3471
Underflow 133
Overflow 60
Integral 2818

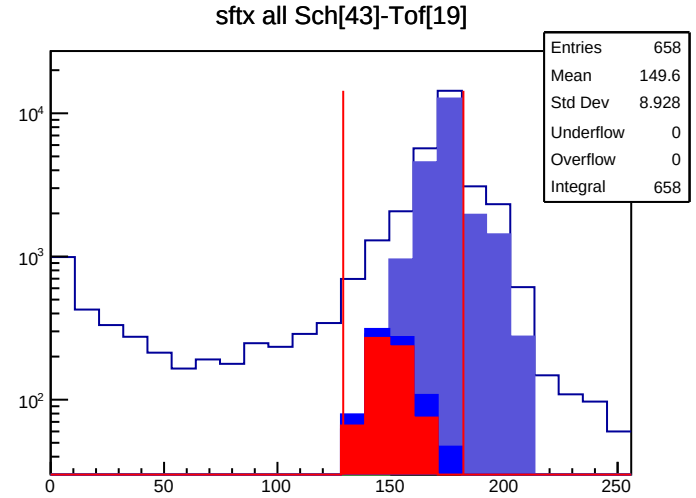

pKurama Sch[43]-Tof[17]
Entries 3011
Mean 0.7837
Std Dev 0.1547
Underflow 0
Overflow 0
Integral 3011

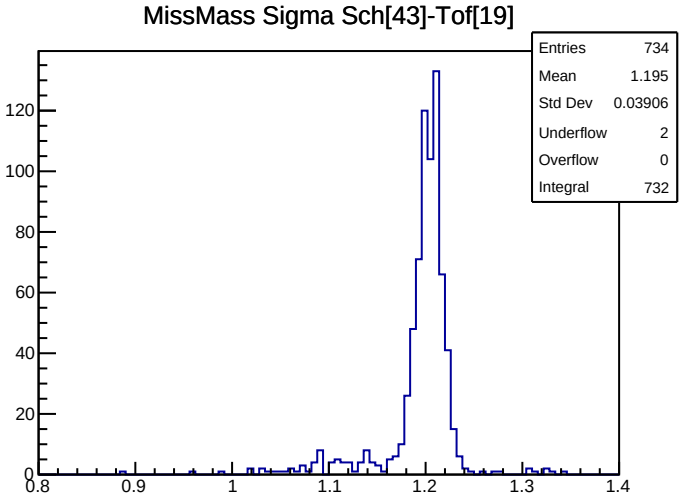

sftx all Sch[43]-Tof[18]
Entries 1106
Mean 169.4
Std Dev 12.73
Underflow 3
Overflow 0
Integral 1103

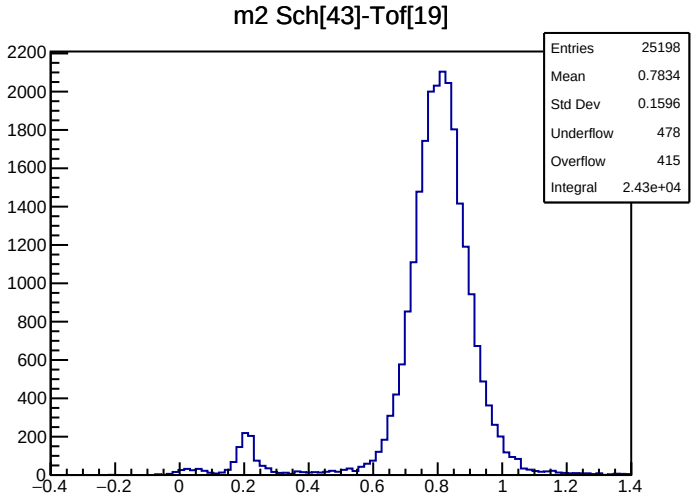

MissMass Sigma Sch[43]-Tof[18]
Entries 1183
Mean 1.199
Std Dev 0.03204
Underflow 3
Overflow 0
Integral 1180

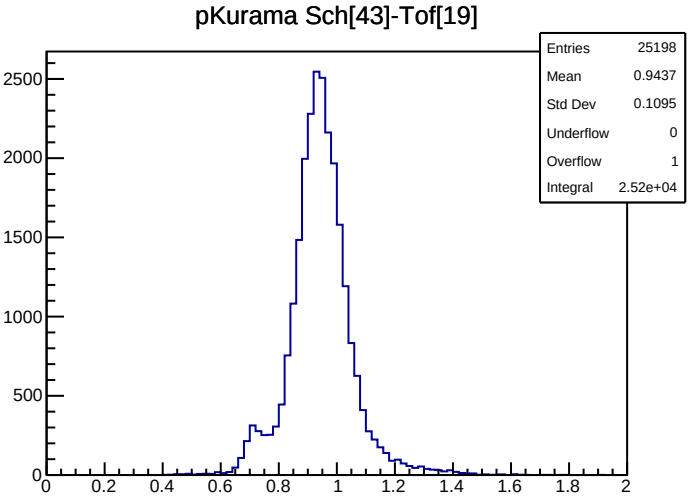

m2 Sch[43]-Tof[18]
Entries 19007
Mean 0.7135
Std Dev 0.2561
Underflow 529
Overflow 288
Integral 1.819e+04

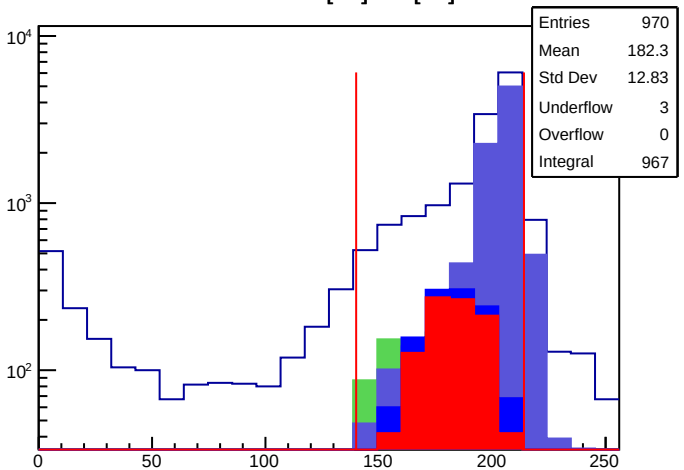

pKurama Sch[43]-Tof[18]
Entries 19007
Mean 0.9051
Std Dev 0.1153
Underflow 0
Overflow 0
Integral 1.901e+04

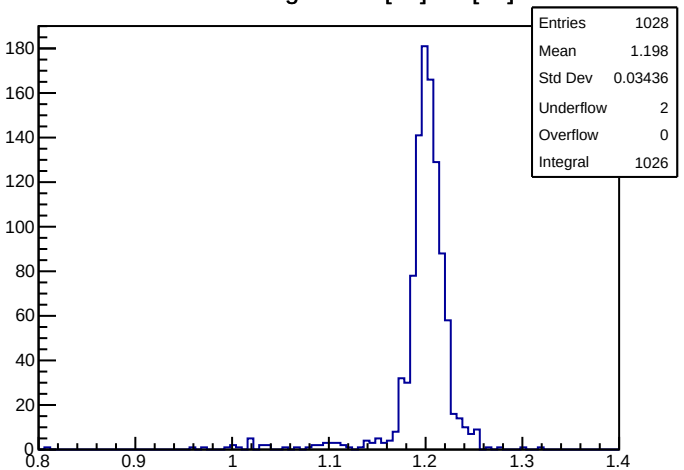

sftx all Sch[43]-Tof[19]
Entries 658
Mean 149.6
Std Dev 8.928
Underflow 0
Overflow 0
Integral 658

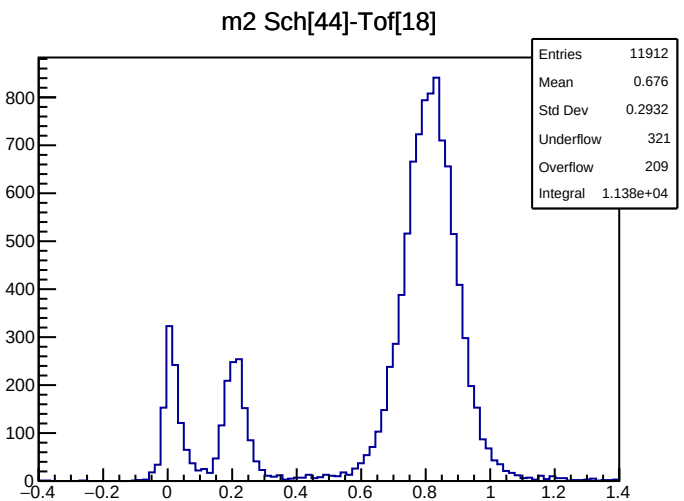

MissMass Sigma Sch[43]-Tof[19]
Entries 734
Mean 1.195
Std Dev 0.03906
Underflow 2
Overflow 0
Integral 732

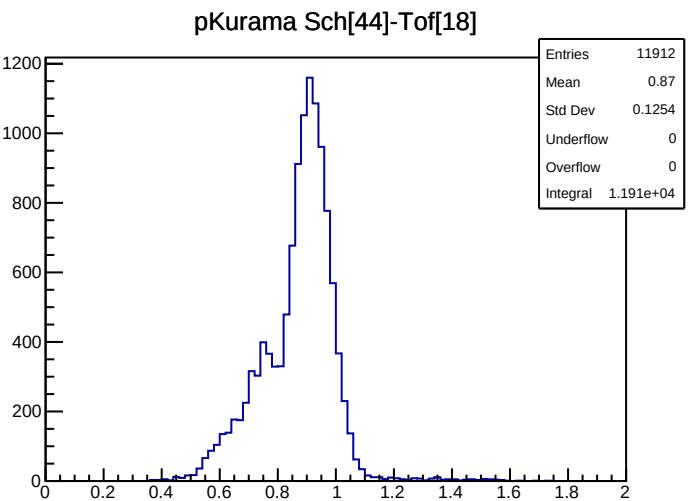

m2 Sch[43]-Tof[19]
Entries 25198
Mean 0.7834
Std Dev 0.1596
Underflow 478
Overflow 415
Integral 2.43e+04

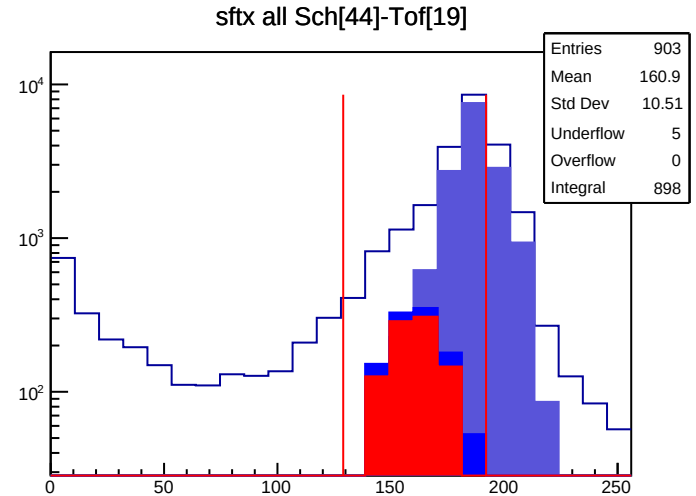

pKurama Sch[43]-Tof[19]
Entries 25198
Mean 0.9437
Std Dev 0.1095
Underflow 0
Overflow 1
Integral 2.52e+04

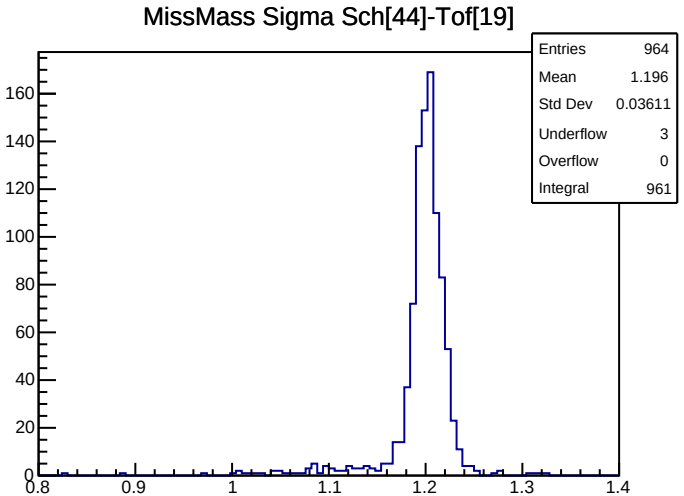

sftx all Sch[44]-Tof[18]
Entries 970
Mean 182.3
Std Dev 12.83
Underflow 3
Overflow 0
Integral 967

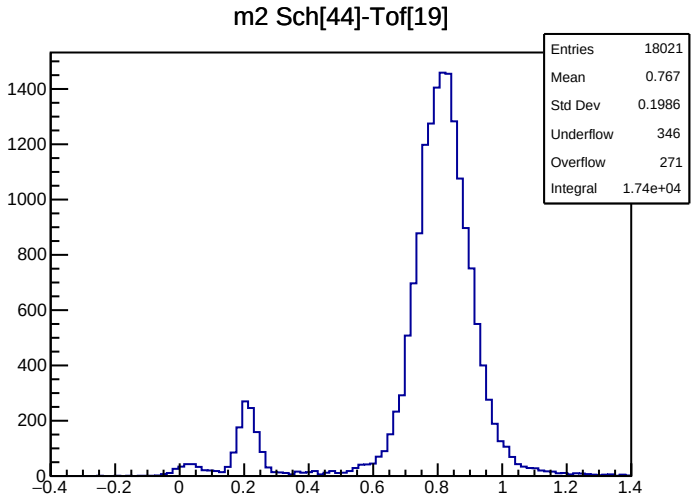

MissMass Sigma Sch[44]-Tof[18]
Entries 1028
Mean 1.198
Std Dev 0.03436
Underflow 2
Overflow 0
Integral 1026

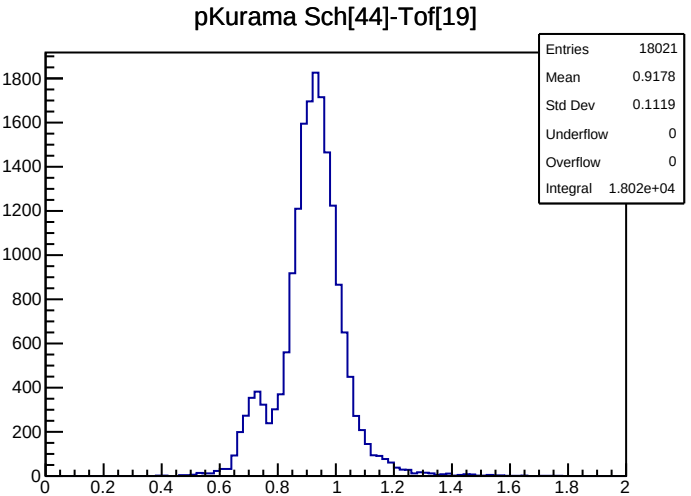

m2 Sch[44]-Tof[18]
Entries 11912
Mean 0.676
Std Dev 0.2932
Underflow 321
Overflow 209
Integral 1.138e+04

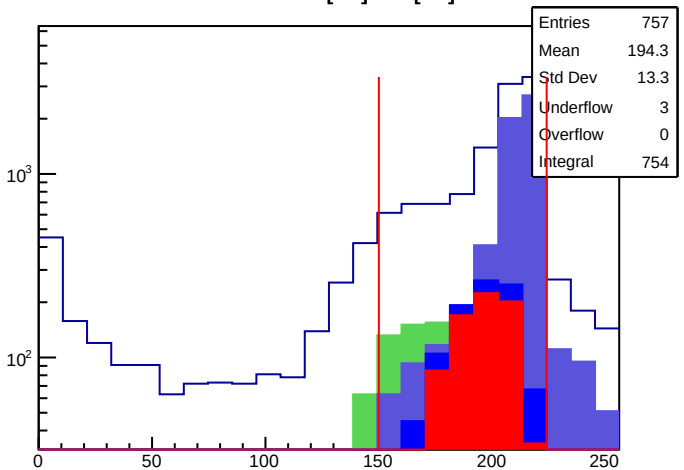

pKurama Sch[44]-Tof[18]
Entries 11912
Mean 0.87
Std Dev 0.1254
Underflow 0
Overflow 0
Integral 1.191e+04

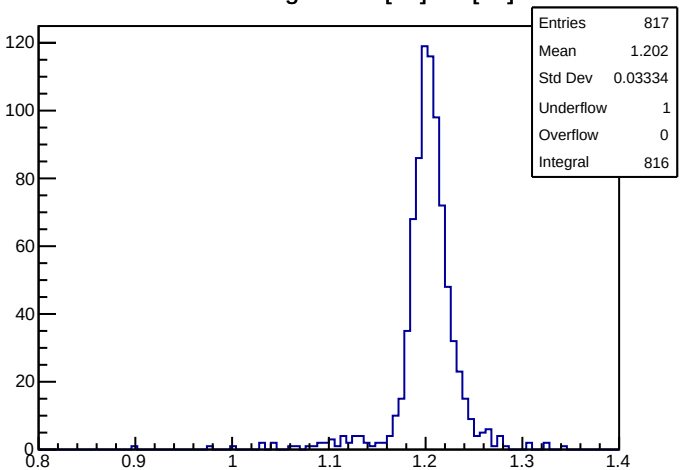

sftx all Sch[44]-Tof[19]
Entries 903
Mean 160.9
Std Dev 10.51
Underflow 5
Overflow 0
Integral 898

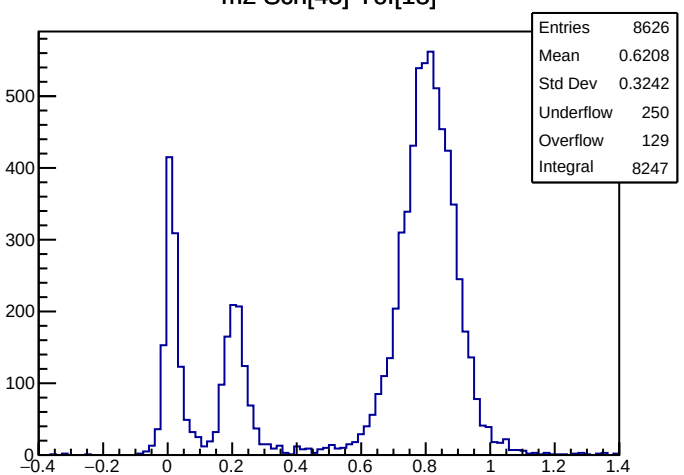

MissMass Sigma Sch[44]-Tof[19]
Entries 964
Mean 1.196
Std Dev 0.03611
Underflow 3
Overflow 0
Integral 961

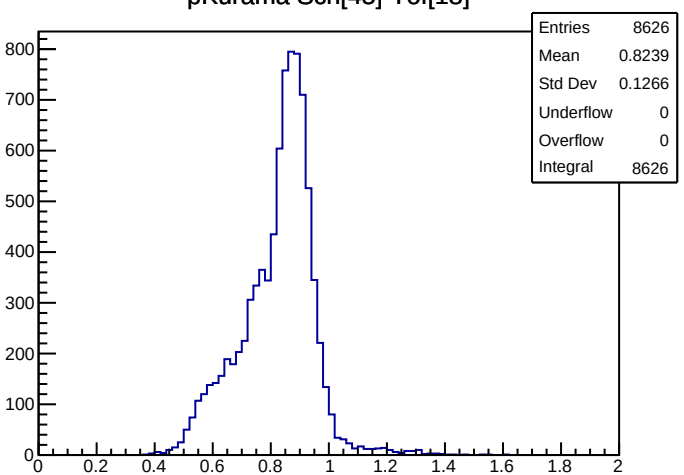

m2 Sch[44]-Tof[19]
Entries 18021
Mean 0.767
Std Dev 0.1986
Underflow 346
Overflow 271
Integral 1.74e+04

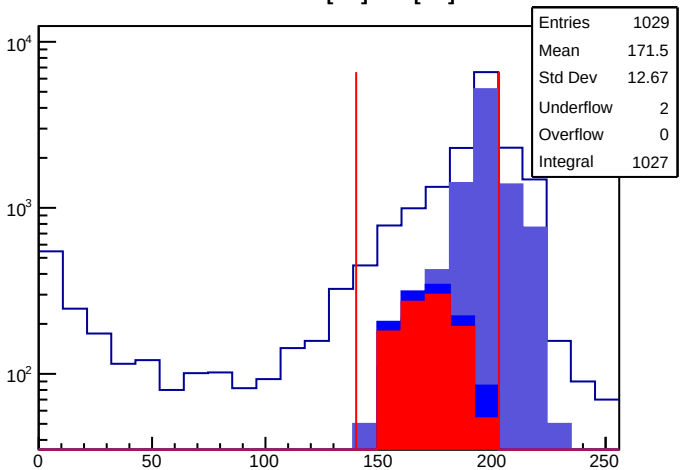

pKurama Sch[44]-Tof[19]
Entries 18021
Mean 0.9178
Std Dev 0.1119
Underflow 0
Overflow 0
Integral 1.802e+04

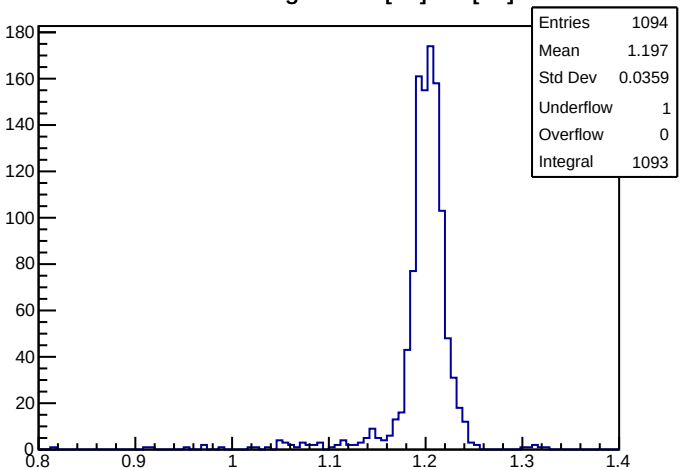

sftx all Sch[45]-Tof[18]
Entries 757
Mean 194.3
Std Dev 13.3
Underflow 3
Overflow 0
Integral 754
10^3
10^2
0
50
100
150
200
250

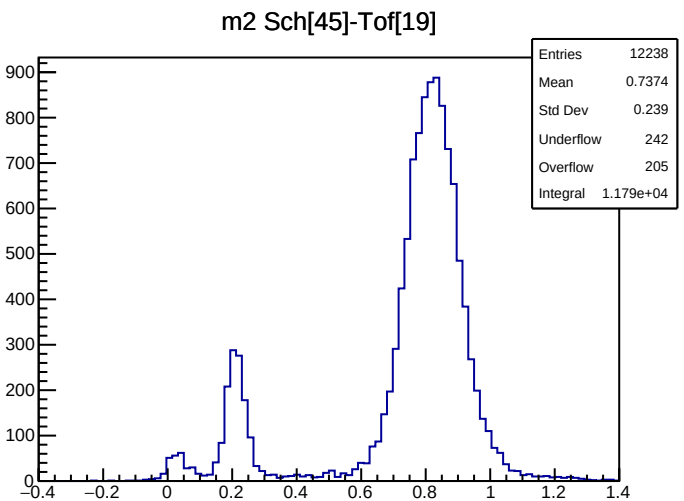

MissMass Sigma Sch[45]-Tof[18]
Entries 817
Mean 1.202
Std Dev 0.03334
Underflow 1
Overflow 0
Integral 816
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

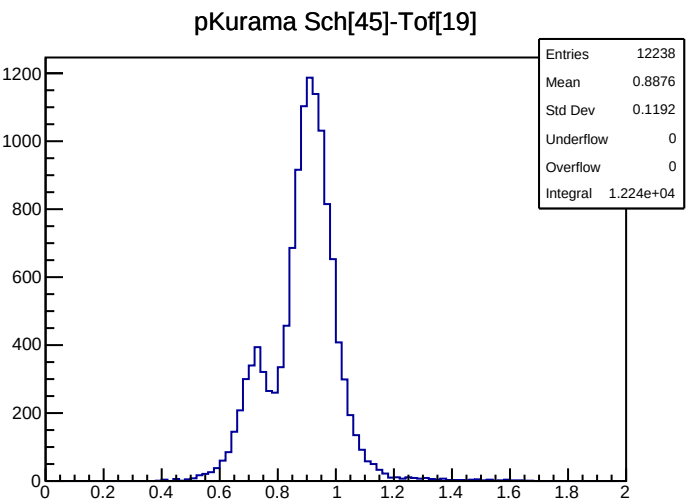

m2 Sch[45]-Tof[18]
Entries 8626
Mean 0.6208
Std Dev 0.3242
Underflow 250
Overflow 129
Integral 8247
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

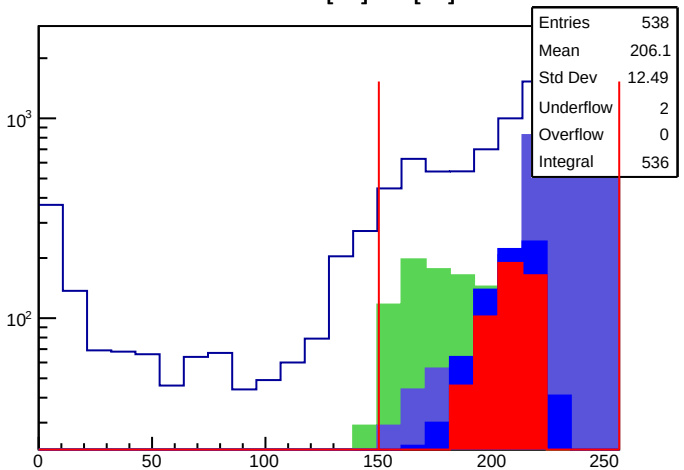

pKurama Sch[45]-Tof[18]
Entries 8626
Mean 0.8239
Std Dev 0.1266
Underflow 0
Overflow 0
Integral 8626
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

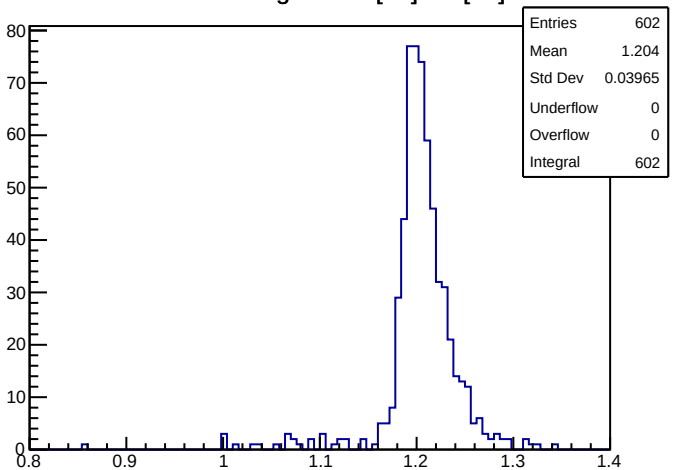

sftx all Sch[45]-Tof[19]
Entries 1029
Mean 171.5
Std Dev 12.67
Underflow 2
Overflow 0
Integral 1027

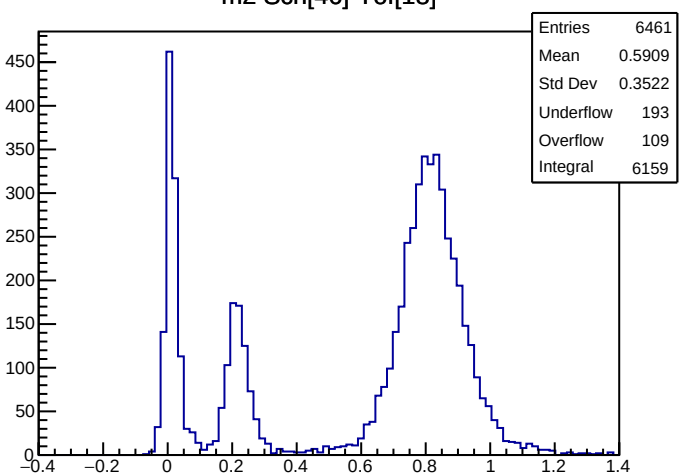

MissMass Sigma Sch[45]-Tof[19]
Entries 1094
Mean 1.197
Std Dev 0.0359
Underflow 1
Overflow 0
Integral 1093

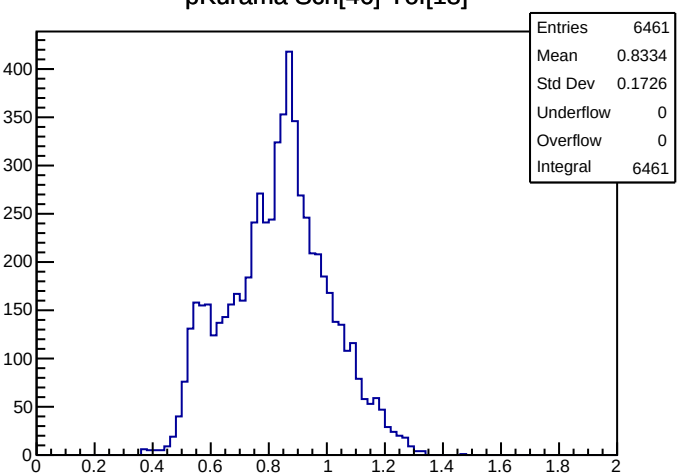

m2 Sch[45]-Tof[19]
Entries 12238
Mean 0.7374
Std Dev 0.239
Underflow 242
Overflow 205
Integral 1.179e+04

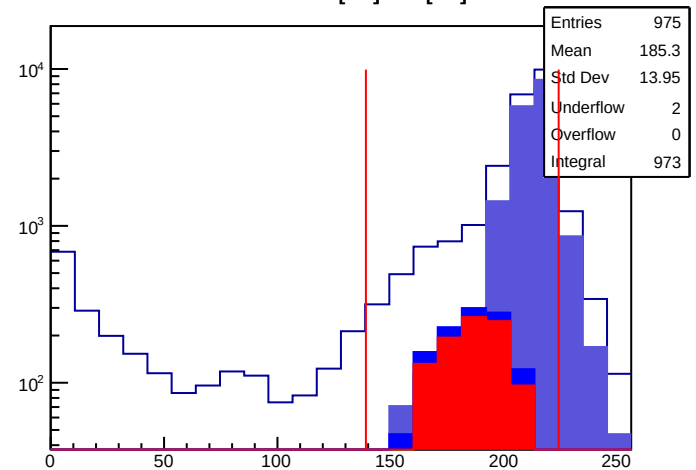

pKurama Sch[45]-Tof[19]
Entries 12238
Mean 0.8876
Std Dev 0.1192
Underflow 0
Overflow 0
Integral 1.224e+04

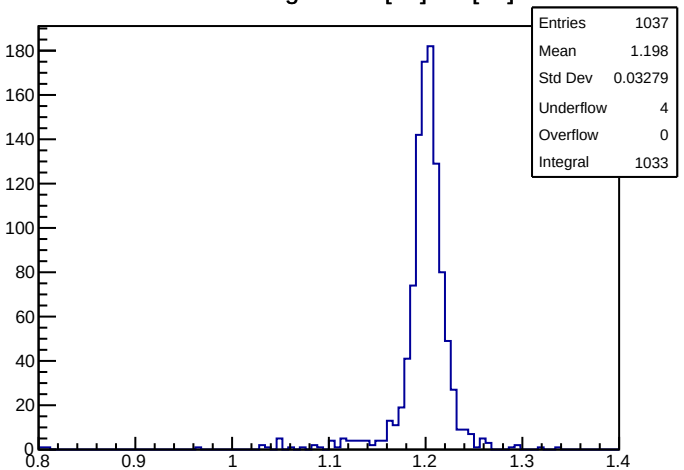

sftx all Sch[46]-Tof[18]
Entries 538
Mean 206.1
Std Dev 12.49
Underflow 2
Overflow 0
Integral 536
10^3
10^2
0 50 100 150 200 250

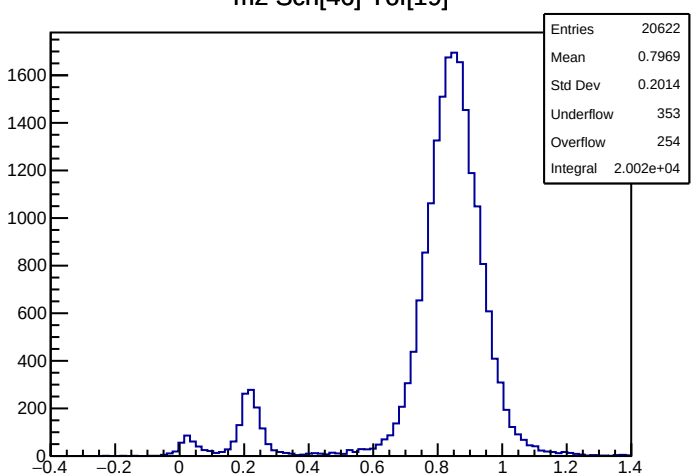

MissMass Sigma Sch[46]-Tof[18]
Entries 602
Mean 1.204
Std Dev 0.03965
Underflow 0
Overflow 0
Integral 602
0 10 20 30 40 50 60 70 80
0.8 0.9 1 1.1 1.2 1.3 1.4

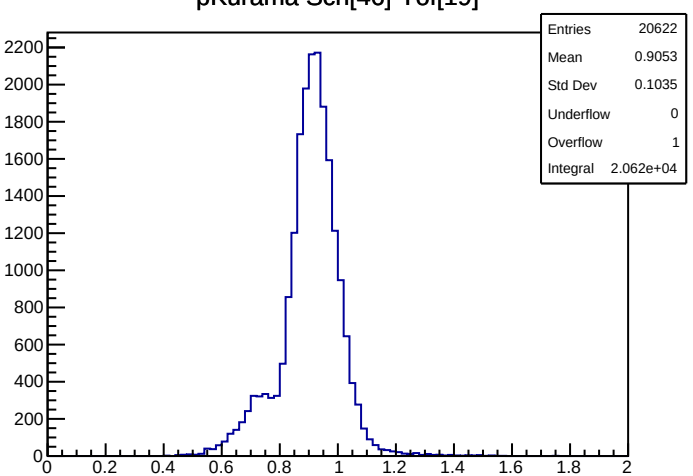

m2 Sch[46]-Tof[18]
Entries 6461
Mean 0.5909
Std Dev 0.3522
Underflow 193
Overflow 109
Integral 6159
0 50 100 150 200 250 300 350 400 450
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

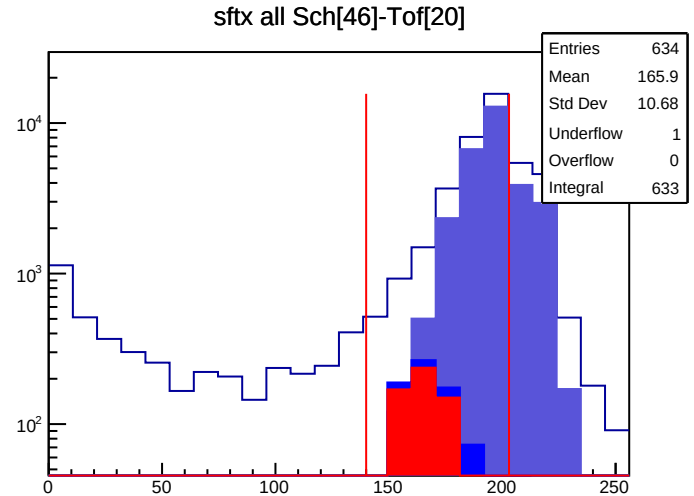

pKurama Sch[46]-Tof[18]
Entries 6461
Mean 0.8334
Std Dev 0.1726
Underflow 0
Overflow 0
Integral 6461
0 50 100 150 200 250 300 350 400
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

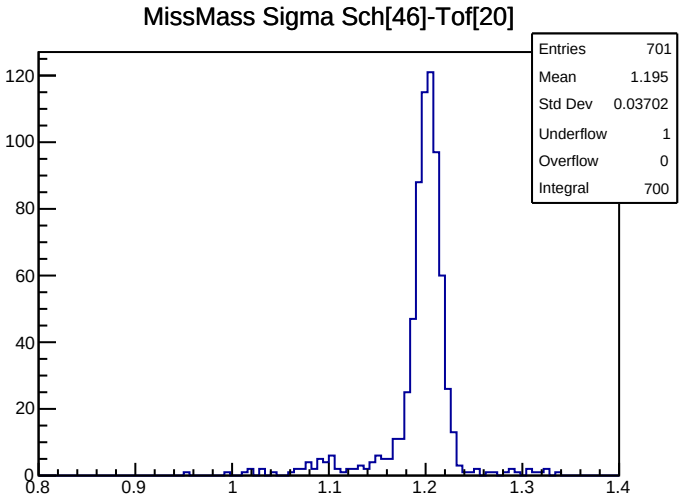

sftx all Sch[46]-Tof[19]
Entries 975
Mean 185.3
Std Dev 13.95
Underflow 2
Overflow 0
Integral 973

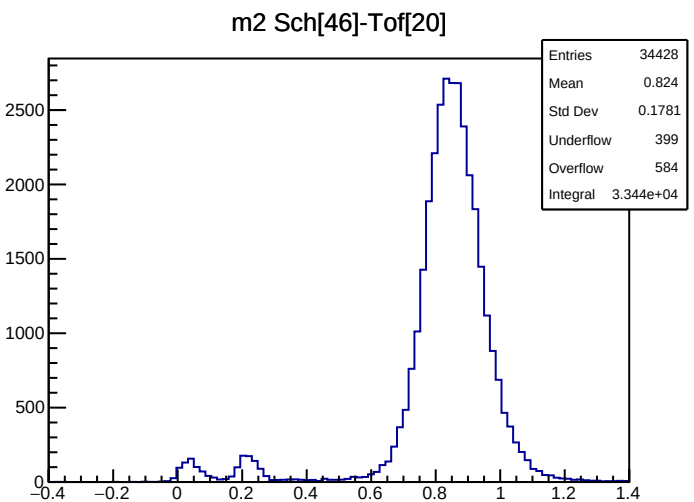

MissMass Sigma Sch[46]-Tof[19]
Entries 1037
Mean 1.198
Std Dev 0.03279
Underflow 4
Overflow 0
Integral 1033

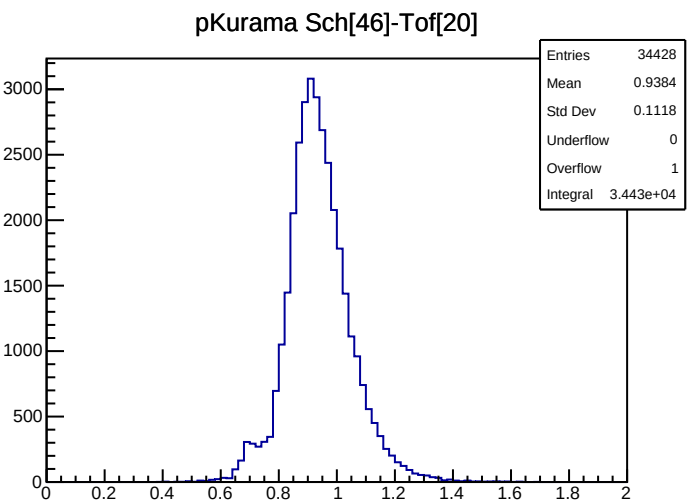

m2 Sch[46]-Tof[19]
Entries 20622
Mean 0.7969
Std Dev 0.2014
Underflow 353
Overflow 254
Integral 2.002e+04

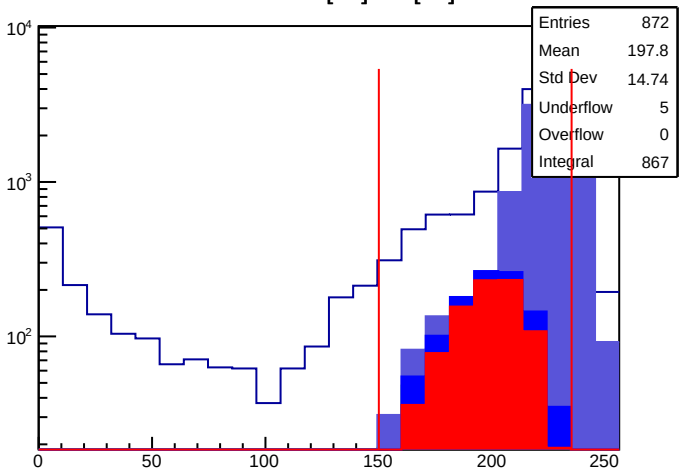

pKurama Sch[46]-Tof[19]
Entries 20622
Mean 0.9053
Std Dev 0.1035
Underflow 0
Overflow 1
Integral 2.062e+04

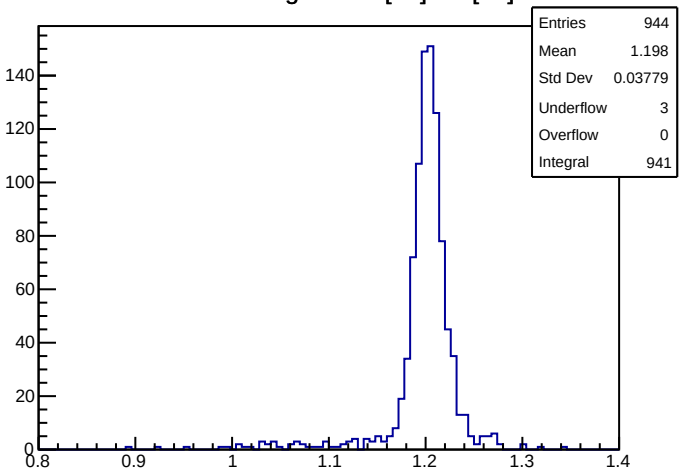

sftx all Sch[46]-Tof[20]
Entries 634
Mean 165.9
Std Dev 10.68
Underflow 1
Overflow 0
Integral 633

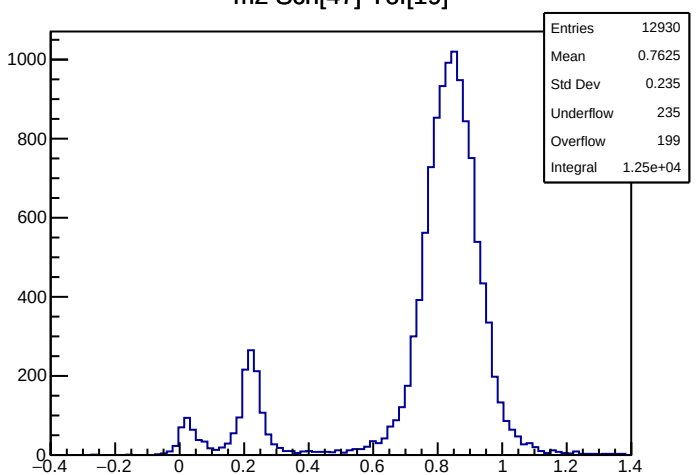

MissMass Sigma Sch[46]-Tof[20]
Entries 701
Mean 1.195
Std Dev 0.03702
Underflow 1
Overflow 0
Integral 700

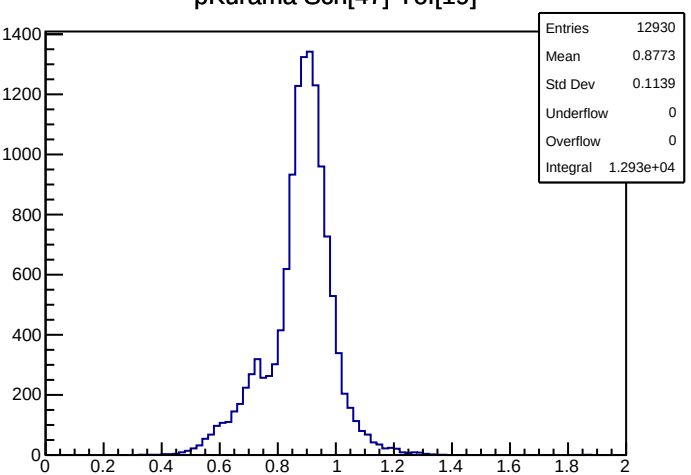

m2 Sch[46]-Tof[20]
Entries 34428
Mean 0.824
Std Dev 0.1781
Underflow 399
Overflow 584
Integral 3.344e+04

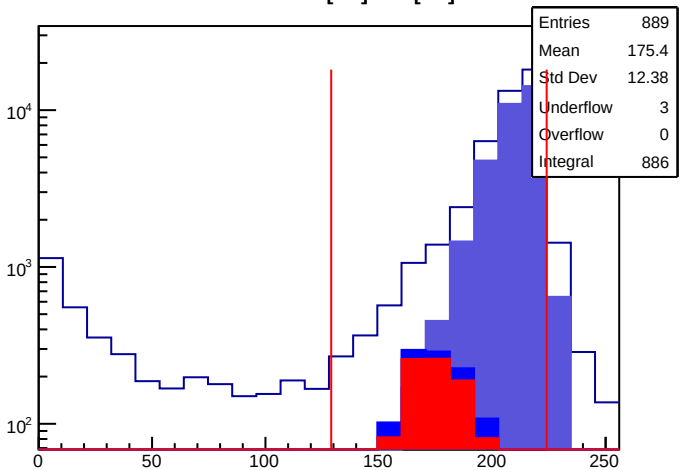

pKurama Sch[46]-Tof[20]
Entries 34428
Mean 0.9384
Std Dev 0.1118
Underflow 0
Overflow 1
Integral 3.443e+04

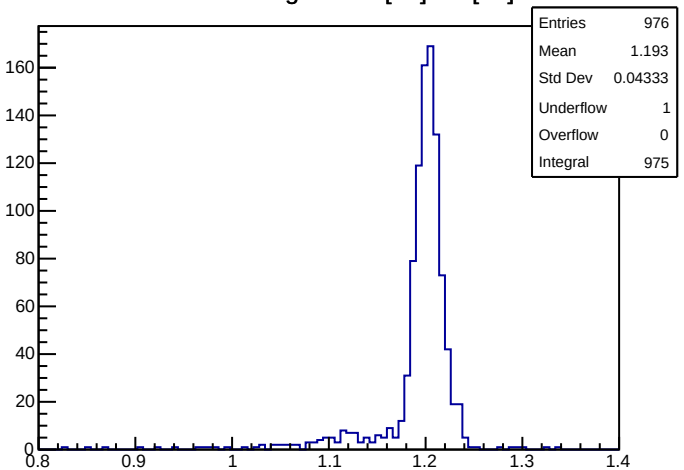

sftx all Sch[47]-Tof[19]
Entries 872
Mean 197.8
Std Dev 14.74
Underflow 5
Overflow 0
Integral 867

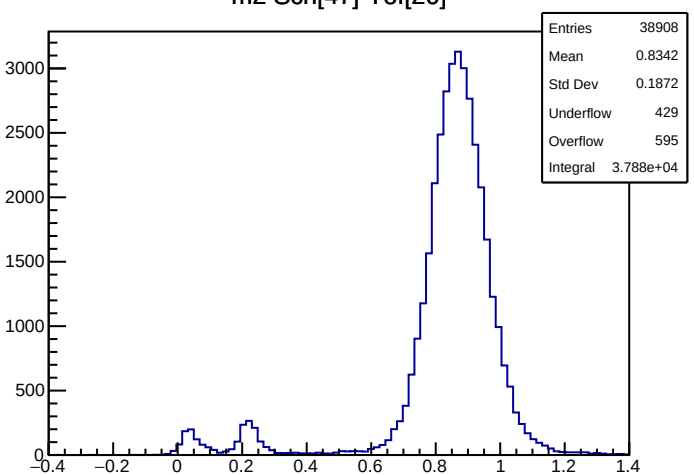

MissMass Sigma Sch[47]-Tof[19]
Entries 944
Mean 1.198
Std Dev 0.03779
Underflow 3
Overflow 0
Integral 941

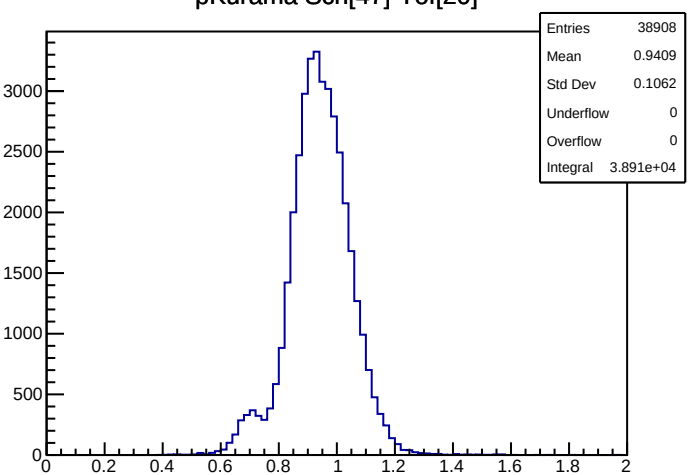

m2 Sch[47]-Tof[19]
Entries 12930
Mean 0.7625
Std Dev 0.235
Underflow 235
Overflow 199
Integral 1.25e+04

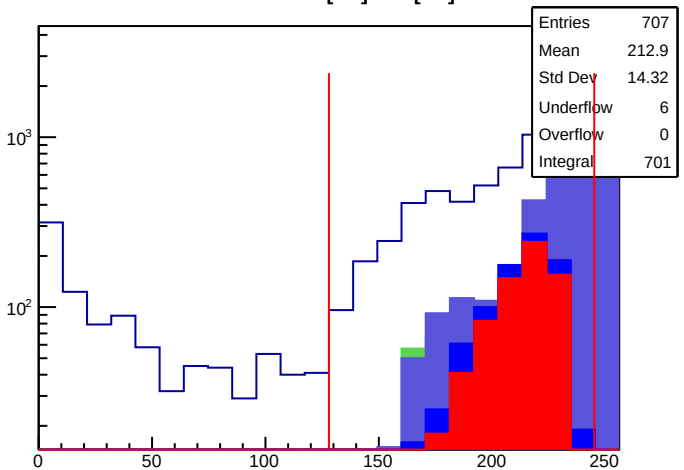

pKurama Sch[47]-Tof[19]
Entries 12930
Mean 0.8773
Std Dev 0.1139
Underflow 0
Overflow 0
Integral 1.293e+04

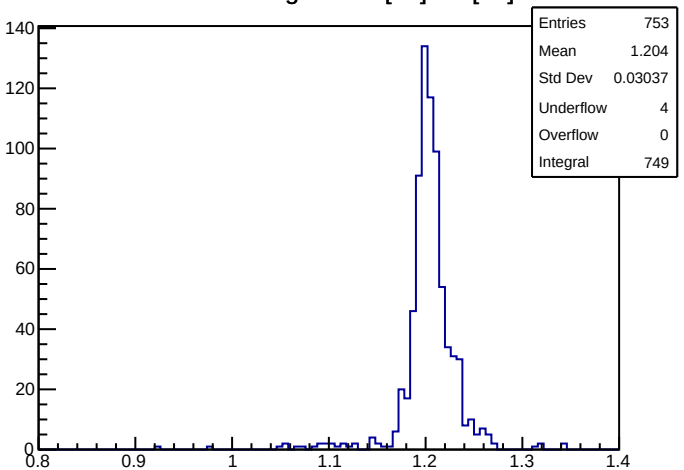

sftx all Sch[47]-Tof[20]
Entries 889
Mean 175.4
Std Dev 12.38
Underflow 3
Overflow 0
Integral 886

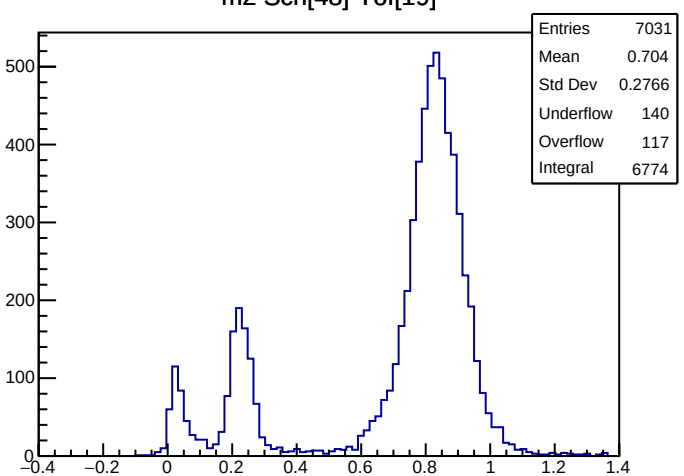

MissMass Sigma Sch[47]-Tof[20]
Entries 976
Mean 1.193
Std Dev 0.04333
Underflow 1
Overflow 0
Integral 975

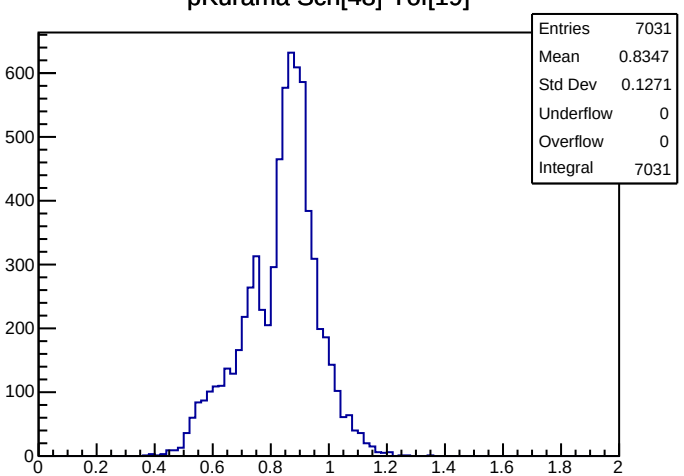

m2 Sch[47]-Tof[20]
Entries 38908
Mean 0.8342
Std Dev 0.1872
Underflow 429
Overflow 595
Integral 3.788e+04

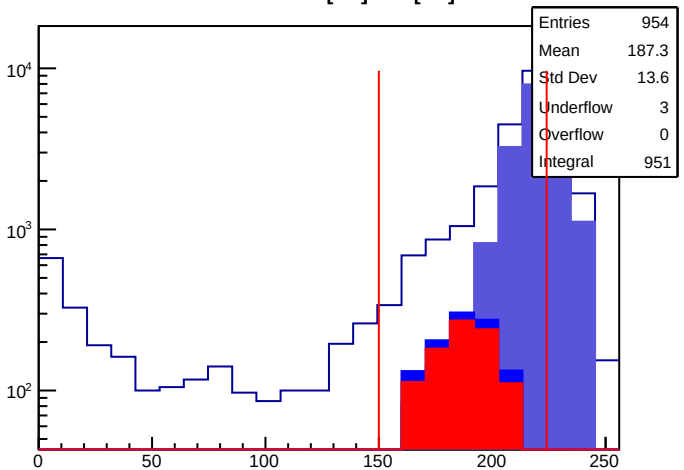

pKurama Sch[47]-Tof[20]
Entries 38908
Mean 0.9409
Std Dev 0.1062
Underflow 0
Overflow 0
Integral 3.891e+04

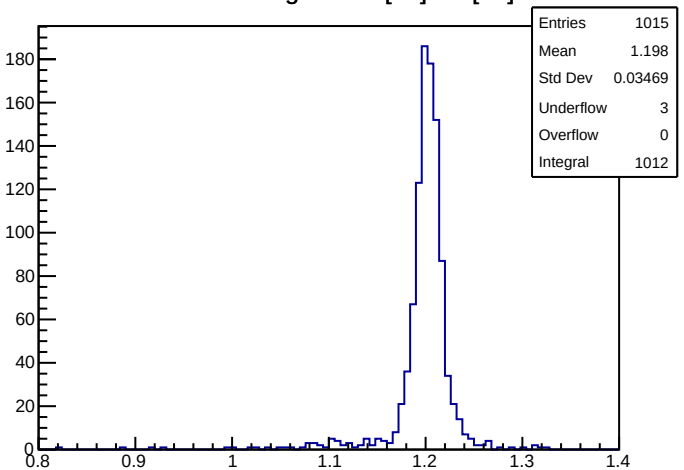

sftx all Sch[48]-Tof[19]
Entries 707
Mean 212.9
Std Dev 14.32
Underflow 6
Overflow 0
Integral 701
10^3
10^2
0
50
100
150
200
250

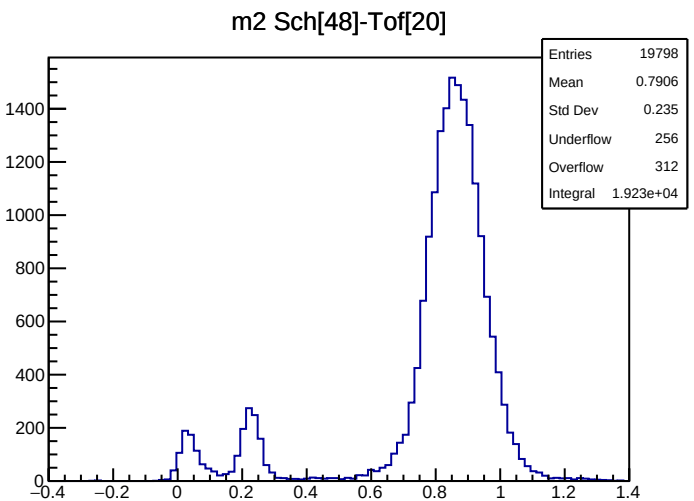

MissMass Sigma Sch[48]-Tof[19]
Entries 753
Mean 1.204
Std Dev 0.03037
Underflow 4
Overflow 0
Integral 749
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

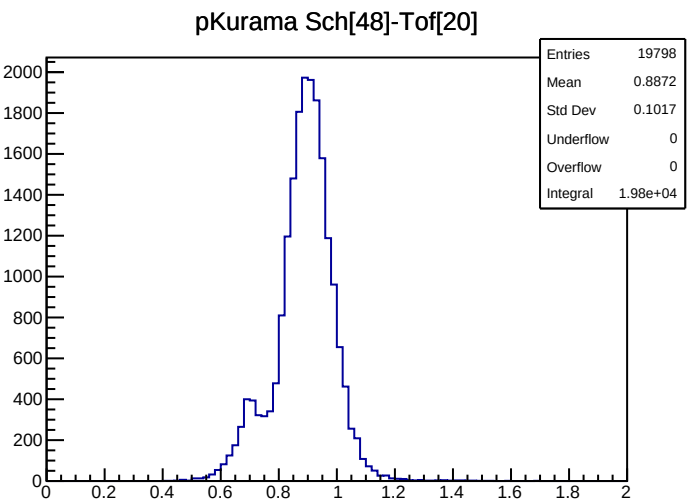

m2 Sch[48]-Tof[19]
Entries 7031
Mean 0.704
Std Dev 0.2766
Underflow 140
Overflow 117
Integral 6774
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

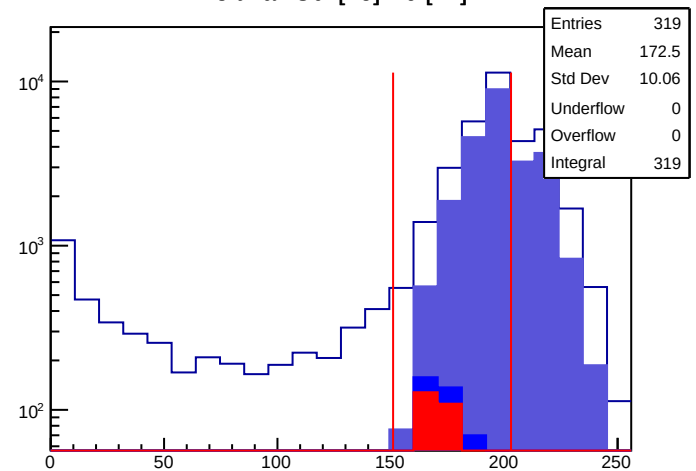

pKurama Sch[48]-Tof[19]
Entries 7031
Mean 0.8347
Std Dev 0.1271
Underflow 0
Overflow 0
Integral 7031
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

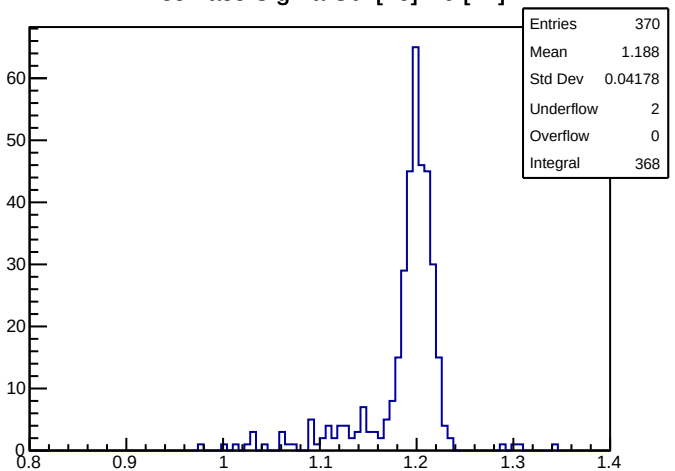

sftx all Sch[48]-Tof[20]
Entries 954
Mean 187.3
Std Dev 13.6
Underflow 3
Overflow 0
Integral 951

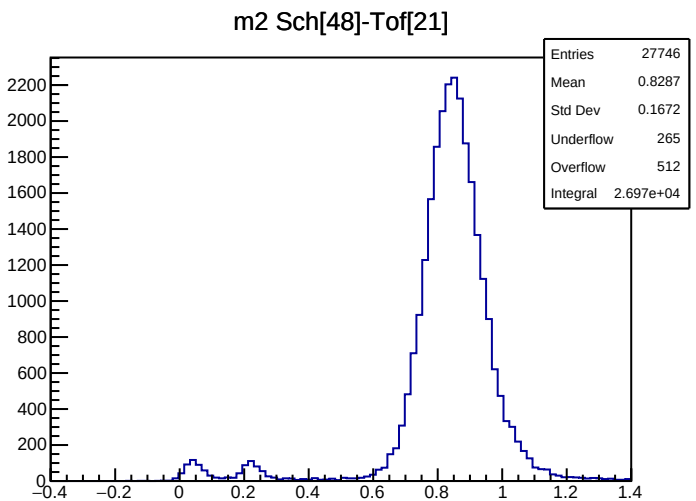

MissMass Sigma Sch[48]-Tof[20]
Entries 1015
Mean 1.198
Std Dev 0.03469
Underflow 3
Overflow 0
Integral 1012

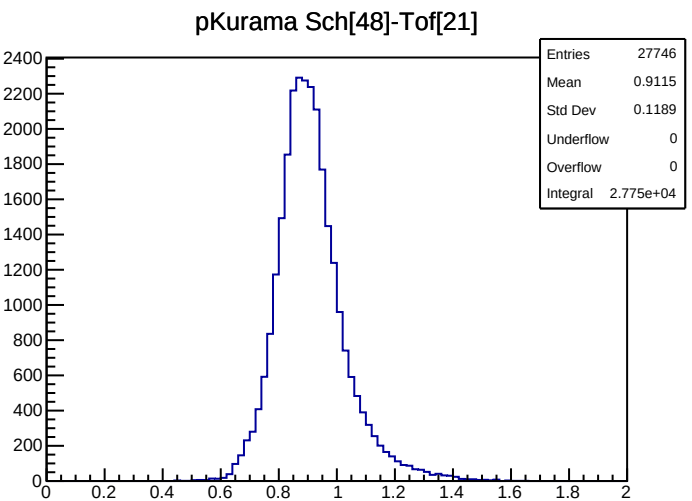

m2 Sch[48]-Tof[20]
Entries 19798
Mean 0.7906
Std Dev 0.235
Underflow 256
Overflow 312
Integral 1.923e+04

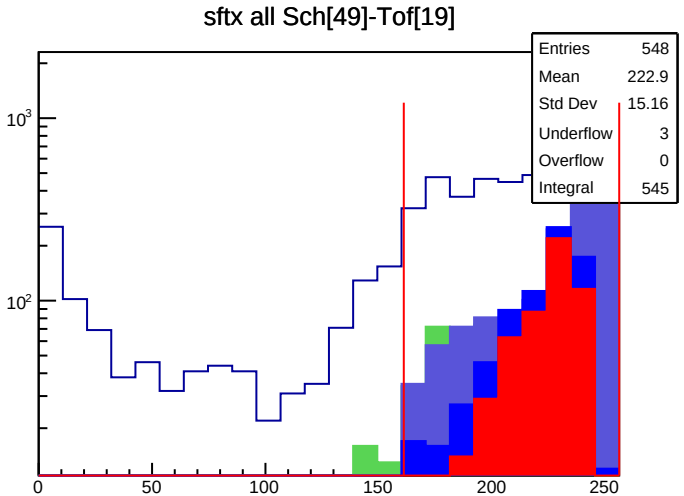

pKurama Sch[48]-Tof[20]
Entries 19798
Mean 0.8872
Std Dev 0.1017
Underflow 0
Overflow 0
Integral 1.98e+04

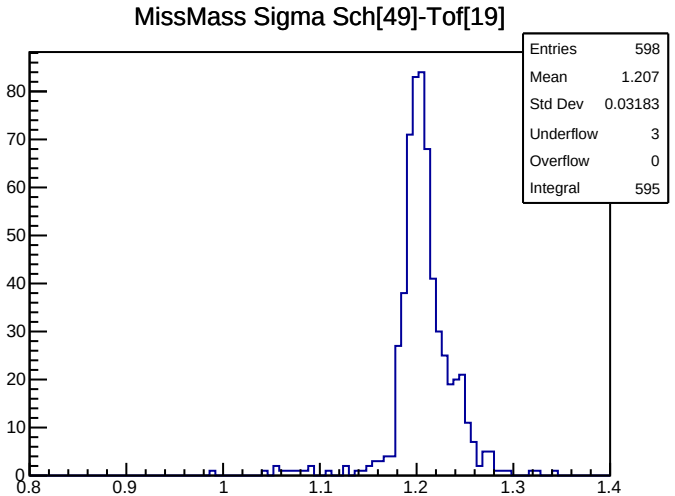

sftx all Sch[48]-Tof[21]
Entries 319
Mean 172.5
Std Dev 10.06
Underflow 0
Overflow 0
Integral 319

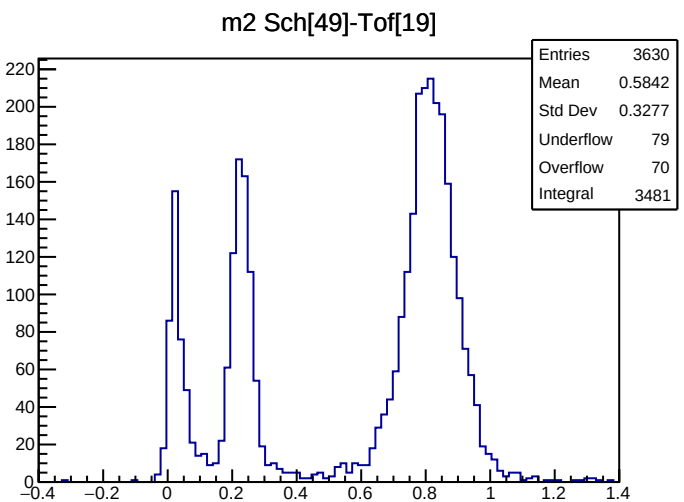

MissMass Sigma Sch[48]-Tof[21]
Entries 370
Mean 1.188
Std Dev 0.04178
Underflow 2
Overflow 0
Integral 368

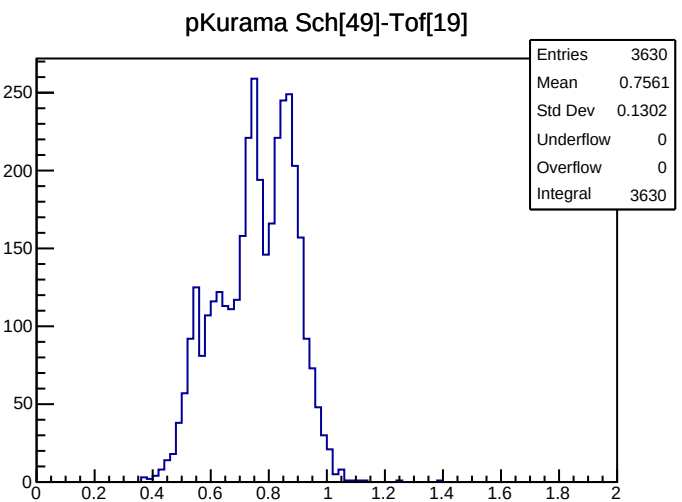

m2 Sch[48]-Tof[21]
Entries 27746
Mean 0.8287
Std Dev 0.1672
Underflow 265
Overflow 512
Integral 2.697e+04

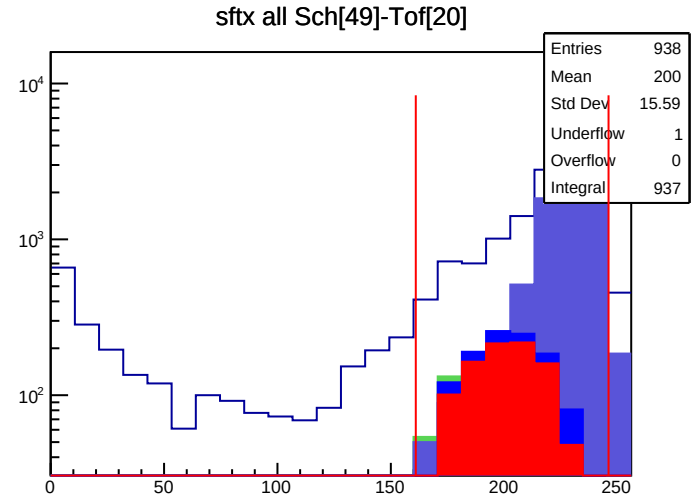

pKurama Sch[48]-Tof[21]
Entries 27746
Mean 0.9115
Std Dev 0.1189
Underflow 0
Overflow 0
Integral 2.775e+04

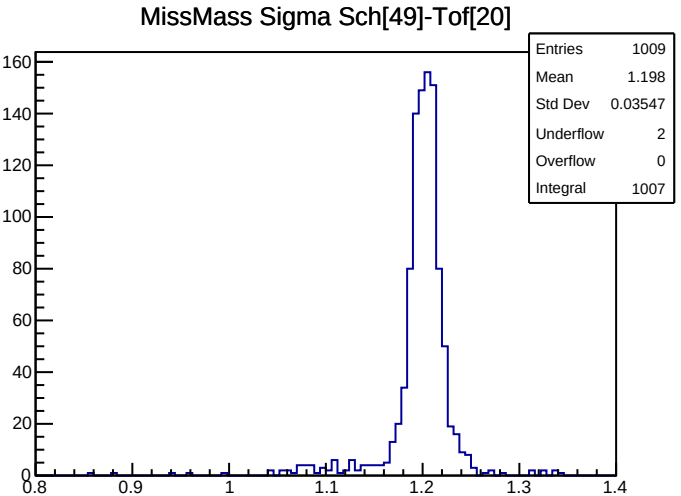

sftx all Sch[49]-Tof[19]
Entries 548
Mean 222.9
Std Dev 15.16
Underflow 3
Overflow 0
Integral 545
10^3
10^2
0 50 100 150 200 250

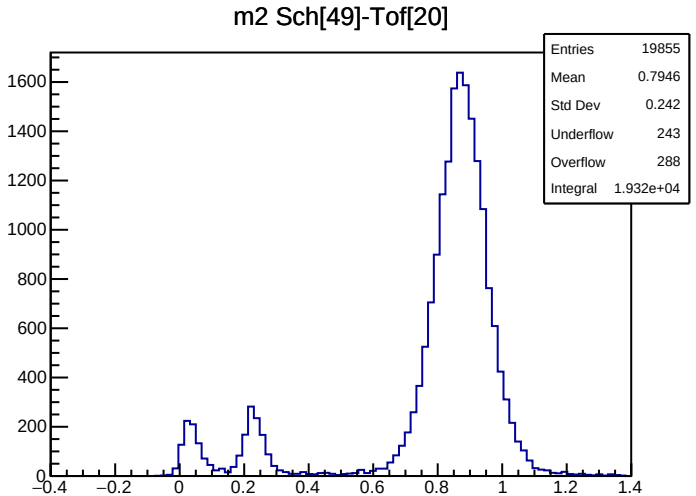

MissMass Sigma Sch[49]-Tof[19]
Entries 598
Mean 1.207
Std Dev 0.03183
Underflow 3
Overflow 0
Integral 595
0 10 20 30 40 50 60 70 80
0.8 0.9 1 1.1 1.2 1.3 1.4

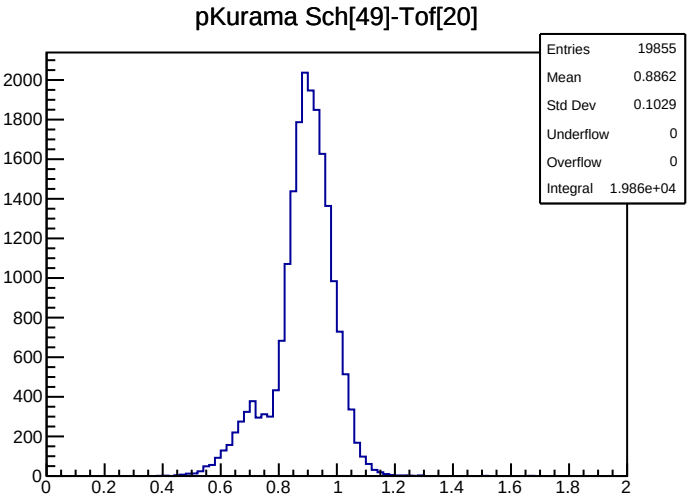

m2 Sch[49]-Tof[19]
Entries 3630
Mean 0.5842
Std Dev 0.3277
Underflow 79
Overflow 70
Integral 3481
0 20 40 60 80 100 120 140 160 180 200 220
−0.4 −0.2 0 0.2 0.4 0.6 0.8 1 1.2 1.4

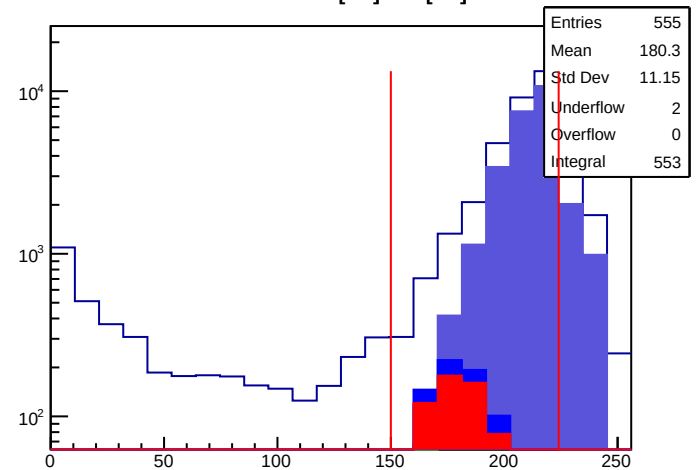

pKurama Sch[49]-Tof[19]
Entries 3630
Mean 0.7561
Std Dev 0.1302
Underflow 0
Overflow 0
Integral 3630
0 50 100 150 200 250
0 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2

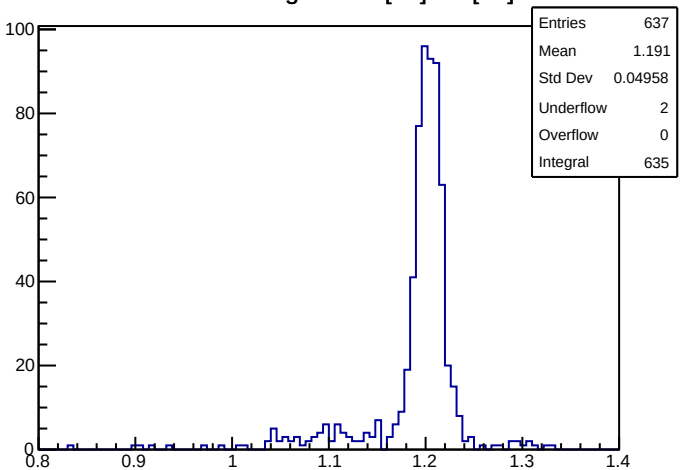

sftx all Sch[49]-Tof[20]
Entries 938
Mean 200
Std Dev 15.59
Underflow 1
Overflow 0
Integral 937

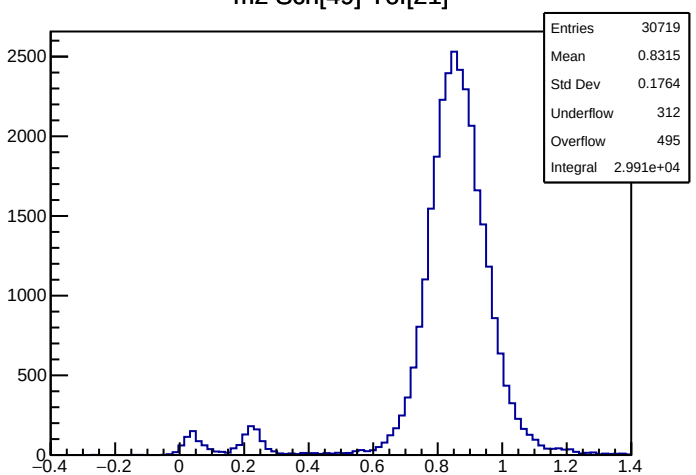

MissMass Sigma Sch[49]-Tof[20]
Entries 1009
Mean 1.198
Std Dev 0.03547
Underflow 2
Overflow 0
Integral 1007

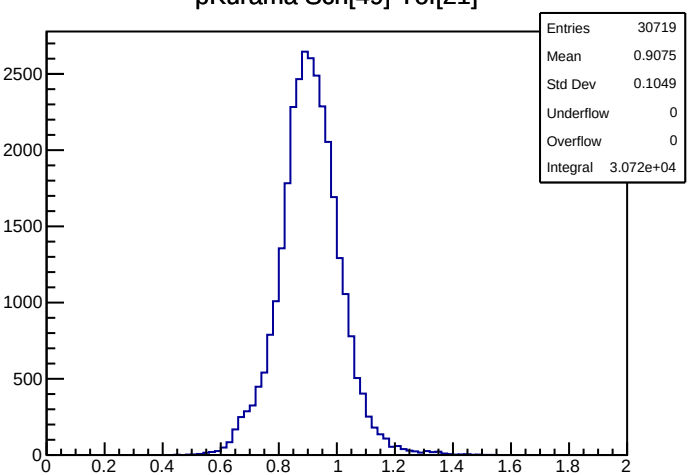

m2 Sch[49]-Tof[20]
Entries 19855
Mean 0.7946
Std Dev 0.242
Underflow 243
Overflow 288
Integral 1.932e+04

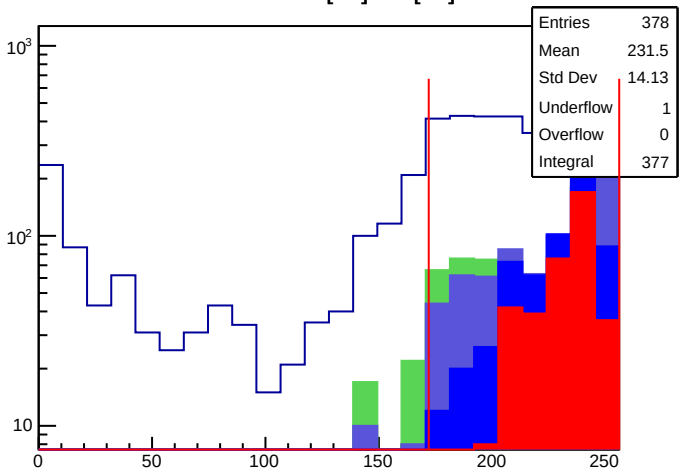

pKurama Sch[49]-Tof[20]
Entries 19855
Mean 0.8862
Std Dev 0.1029
Underflow 0
Overflow 0
Integral 1.986e+04

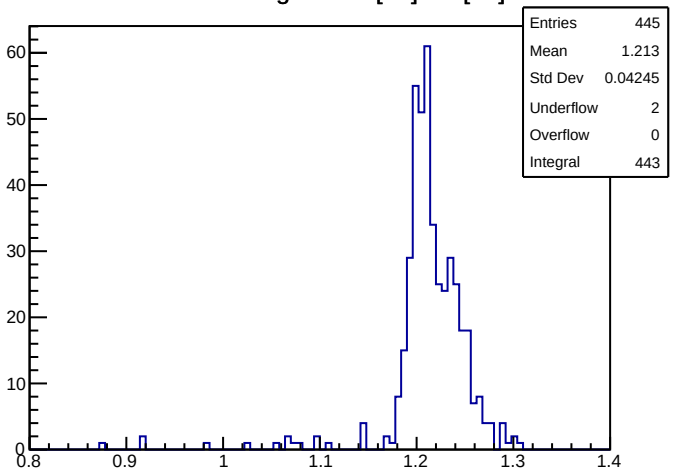

sftx all Sch[49]-Tof[21]
Entries 555
Mean 180.3
Std Dev 11.15
Underflow 2
Overflow 0
Integral 553

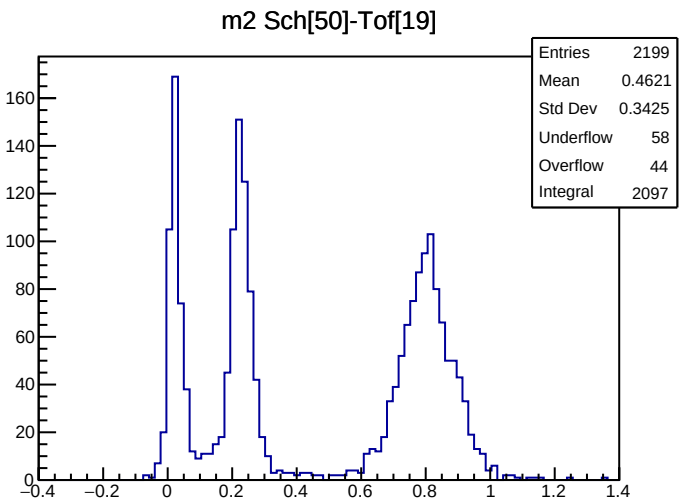

MissMass Sigma Sch[49]-Tof[21]
Entries 637
Mean 1.191
Std Dev 0.04958
Underflow 2
Overflow 0
Integral 635

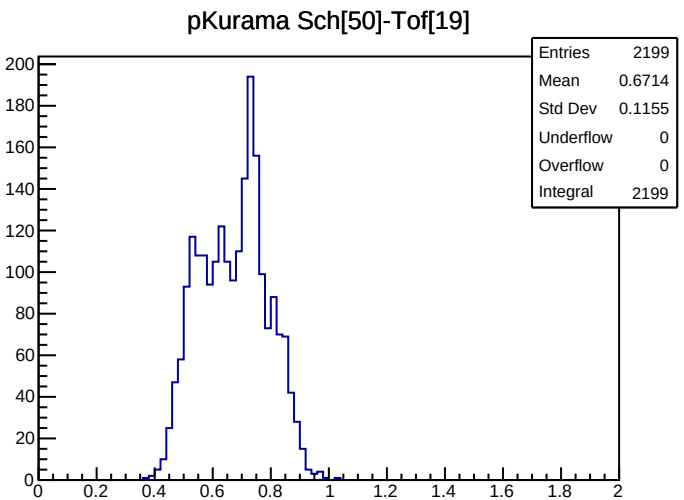

m2 Sch[49]-Tof[21]
Entries 30719
Mean 0.8315
Std Dev 0.1764
Underflow 312
Overflow 495
Integral 2.991e+04

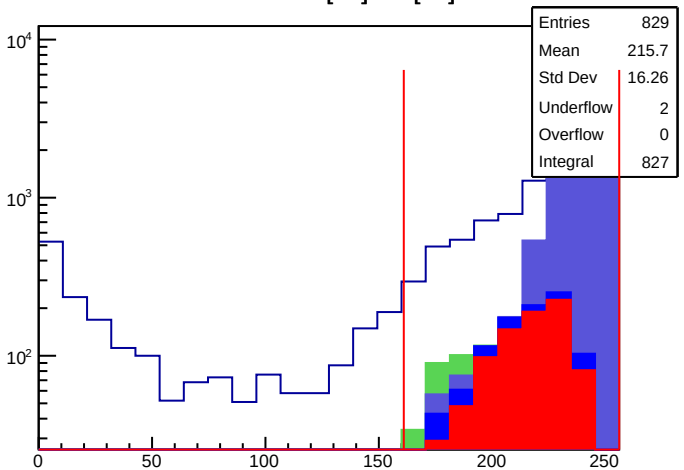

pKurama Sch[49]-Tof[21]
Entries 30719
Mean 0.9075
Std Dev 0.1049
Underflow 0
Overflow 0
Integral 3.072e+04

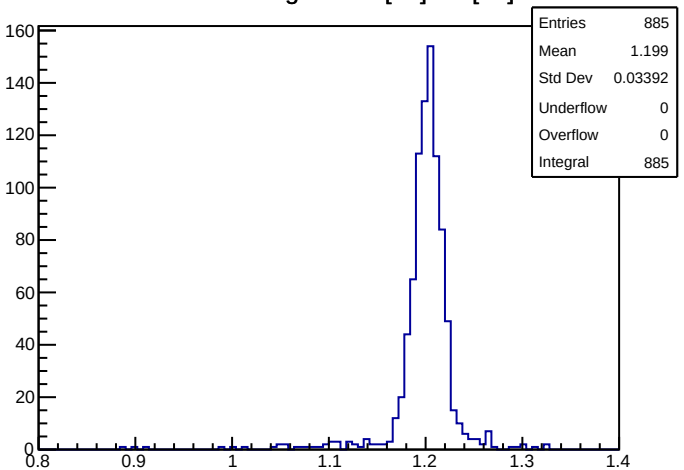

sftx all Sch[50]-Tof[19]
Entries 378
Mean 231.5
Std Dev 14.13
Underflow 1
Overflow 0
Integral 377

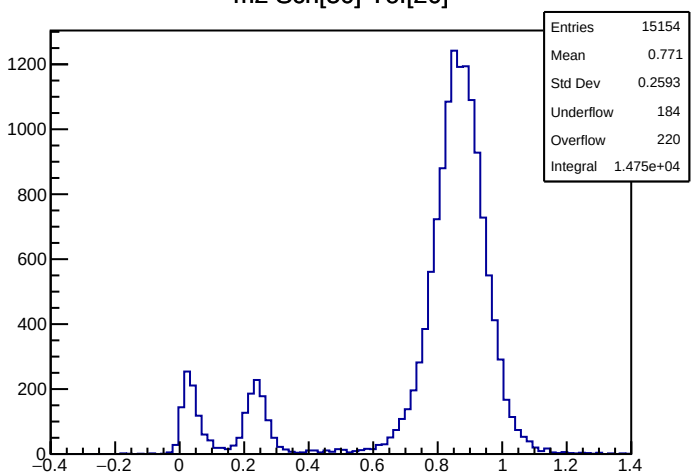

MissMass Sigma Sch[50]-Tof[19]
Entries 445
Mean 1.213
Std Dev 0.04245
Underflow 2
Overflow 0
Integral 443

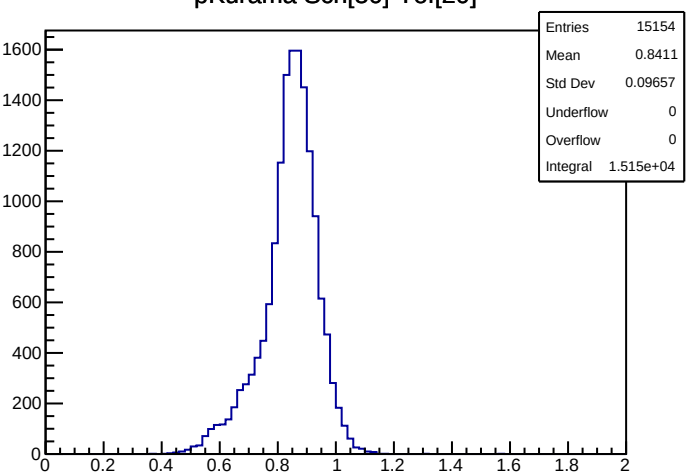

m2 Sch[50]-Tof[19]
Entries 2199
Mean 0.4621
Std Dev 0.3425
Underflow 58
Overflow 44
Integral 2097

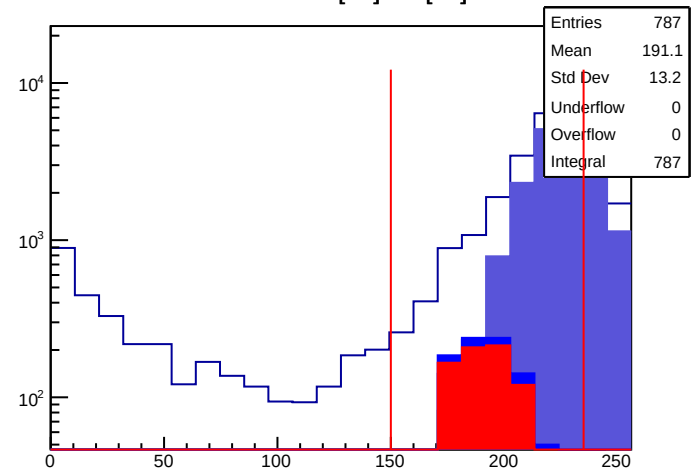

pKurama Sch[50]-Tof[19]
Entries 2199
Mean 0.6714
Std Dev 0.1155
Underflow 0
Overflow 0
Integral 2199

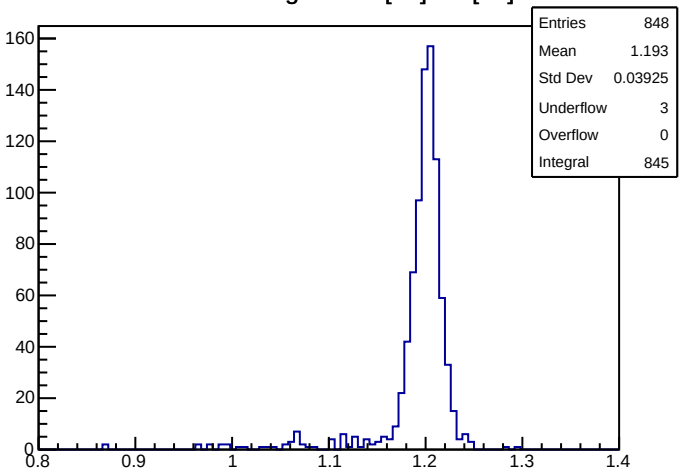

sftx all Sch[50]-Tof[20]
Entries 829
Mean 215.7
Std Dev 16.26
Underflow 2
Overflow 0
Integral 827

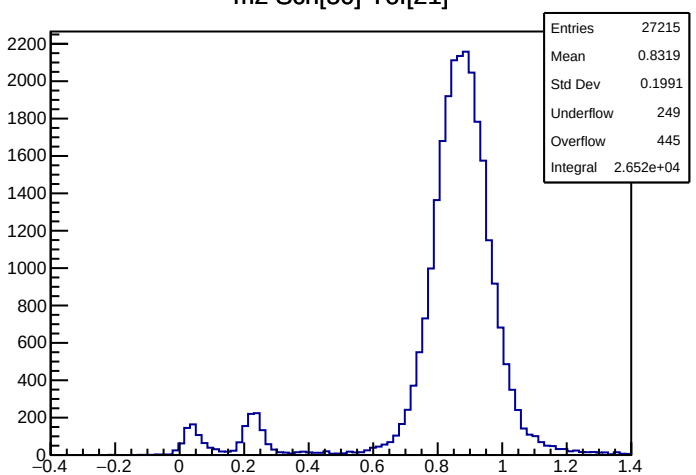

MissMass Sigma Sch[50]-Tof[20]
Entries 885
Mean 1.199
Std Dev 0.03392
Underflow 0
Overflow 0
Integral 885

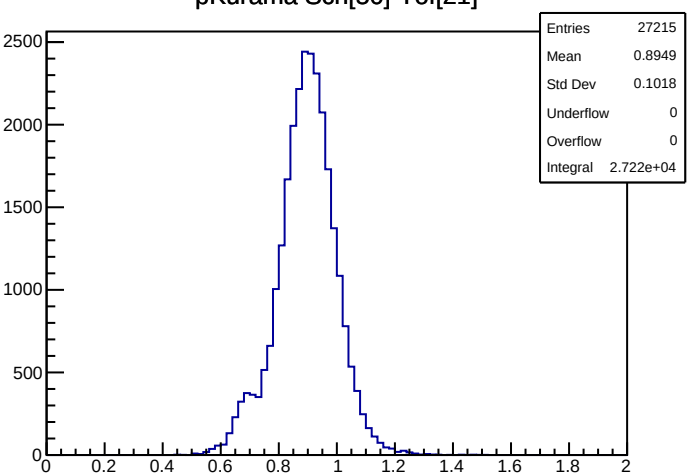

m2 Sch[50]-Tof[20]
Entries 15154
Mean 0.771
Std Dev 0.2593
Underflow 184
Overflow 220
Integral 1.475e+04

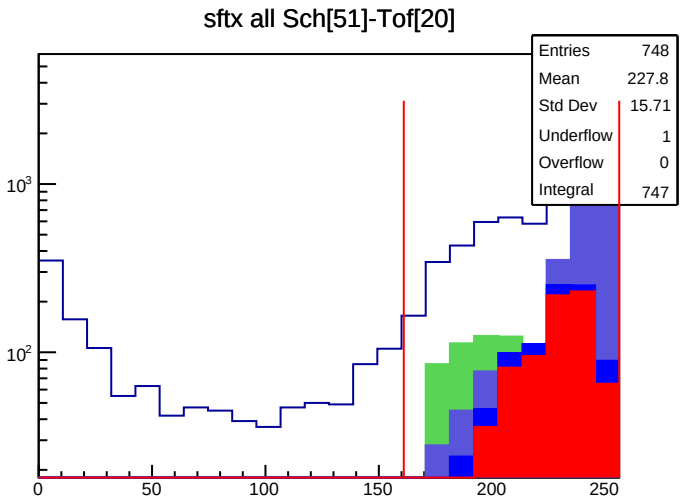

pKurama Sch[50]-Tof[20]
Entries 15154
Mean 0.8411
Std Dev 0.09657
Underflow 0
Overflow 0
Integral 1.515e+04

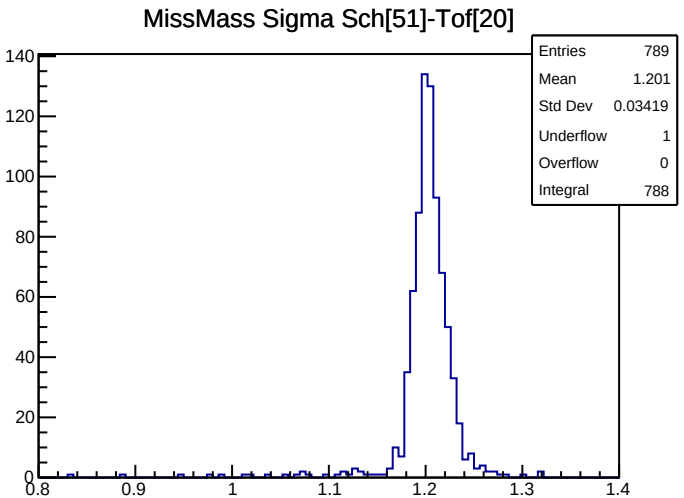

sftx all Sch[50]-Tof[21]
Entries 787
Mean 191.1
Std Dev 13.2
Underflow 0
Overflow 0
Integral 787

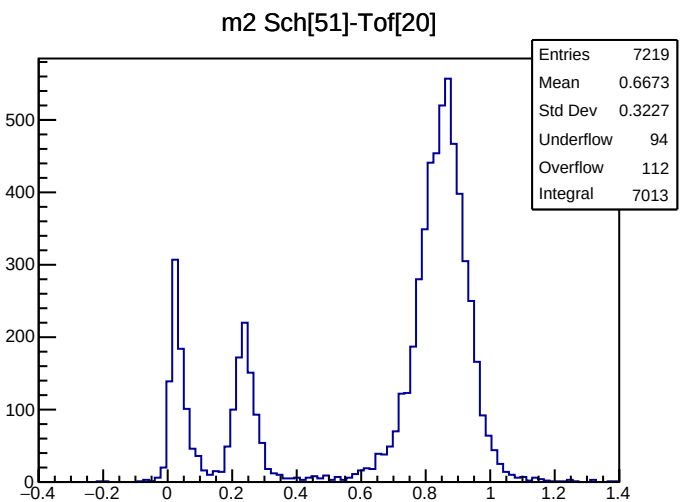

MissMass Sigma Sch[50]-Tof[21]
Entries 848
Mean 1.193
Std Dev 0.03925
Underflow 3
Overflow 0
Integral 845

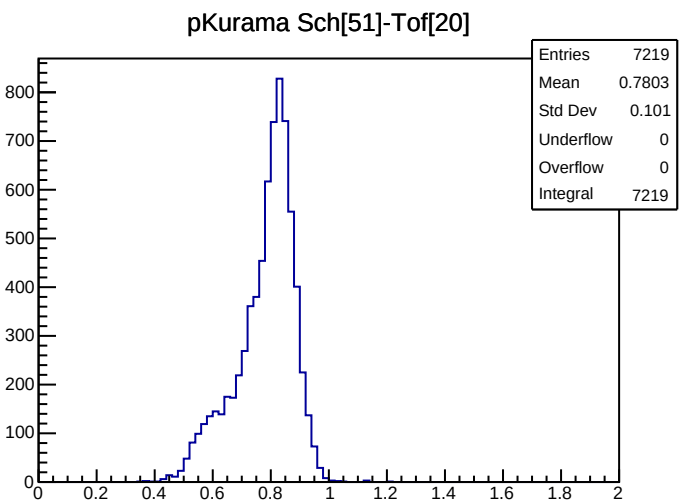

m2 Sch[50]-Tof[21]
Entries 27215
Mean 0.8319
Std Dev 0.1991
Underflow 249
Overflow 445
Integral 2.652e+04

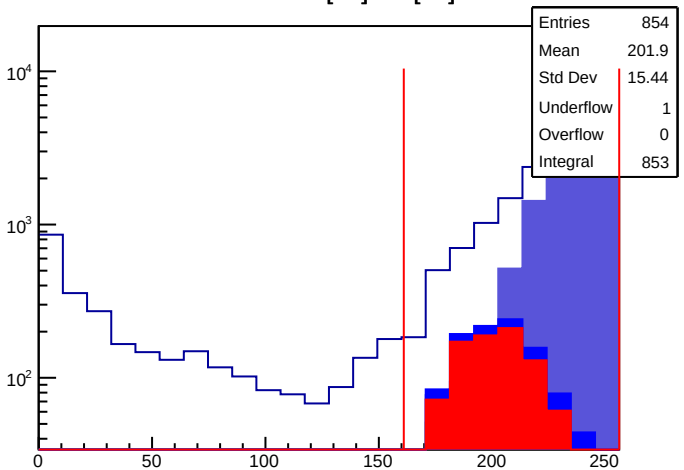

pKurama Sch[50]-Tof[21]
Entries 27215
Mean 0.8949
Std Dev 0.1018
Underflow 0
Overflow 0
Integral 2.722e+04

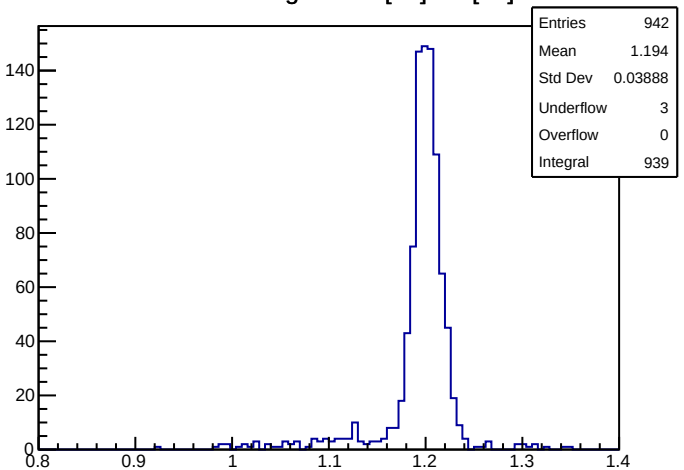

sftx all Sch[51]-Tof[20]
Entries 748
Mean 227.8
Std Dev 15.71
Underflow 1
Overflow 0
Integral 747

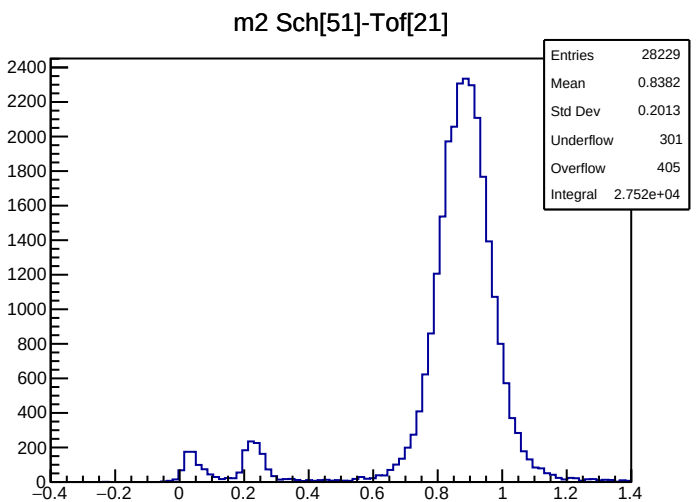

MissMass Sigma Sch[51]-Tof[20]
Entries 789
Mean 1.201
Std Dev 0.03419
Underflow 1
Overflow 0
Integral 788

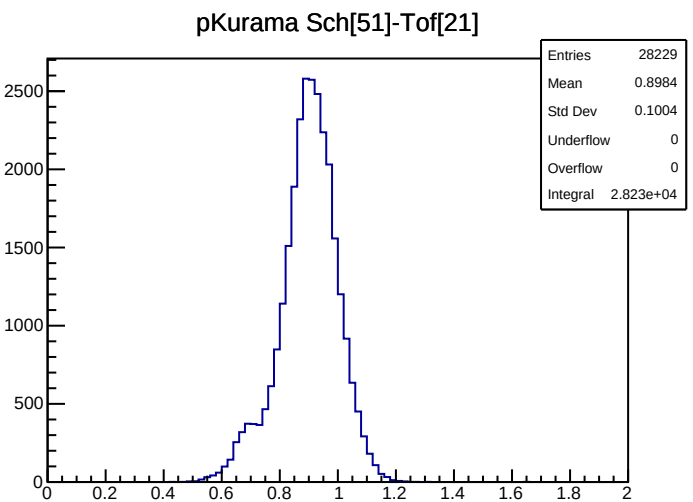

m2 Sch[51]-Tof[20]
Entries 7219
Mean 0.6673
Std Dev 0.3227
Underflow 94
Overflow 112
Integral 7013

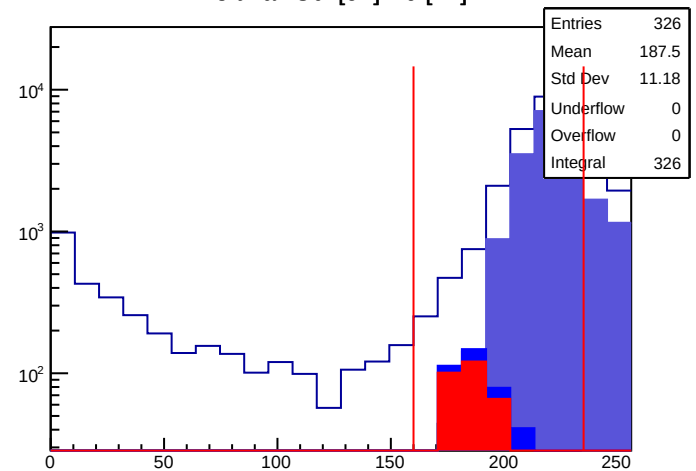

pKurama Sch[51]-Tof[20]
Entries 7219
Mean 0.7803
Std Dev 0.101
Underflow 0
Overflow 0
Integral 7219

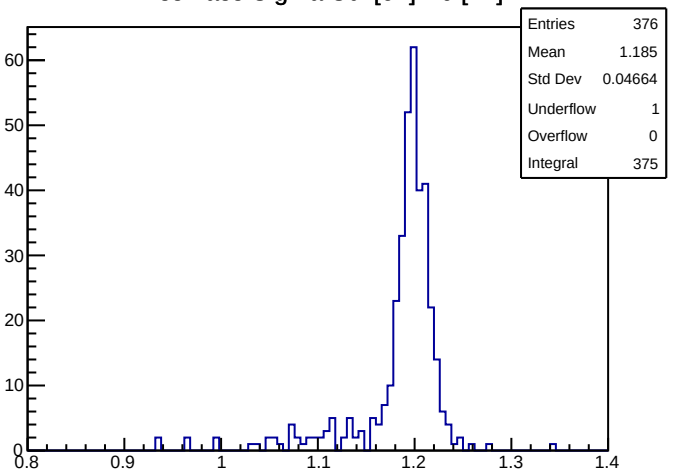

sftx all Sch[51]-Tof[21]
Entries 854
Mean 201.9
Std Dev 15.44
Underflow 1
Overflow 0
Integral 853

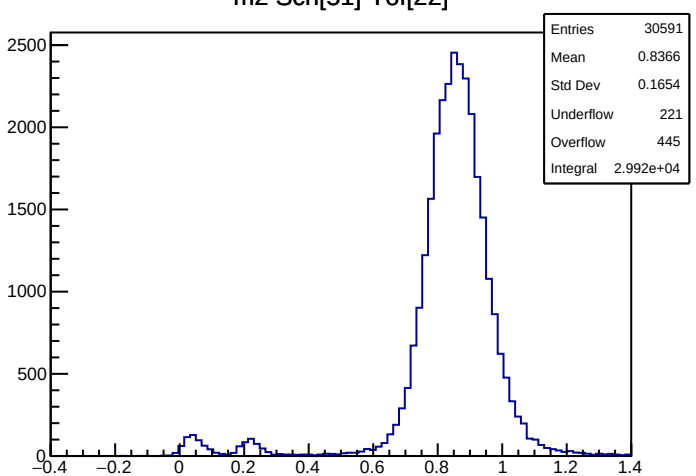

MissMass Sigma Sch[51]-Tof[21]
Entries 942
Mean 1.194
Std Dev 0.03888
Underflow 3
Overflow 0
Integral 939

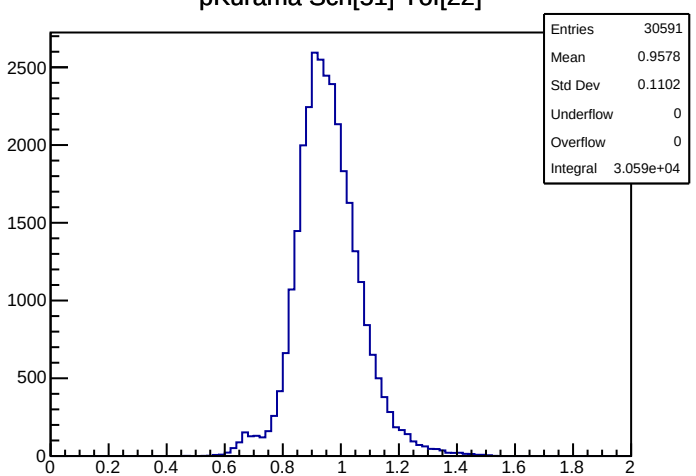

m2 Sch[51]-Tof[21]
Entries 28229
Mean 0.8382
Std Dev 0.2013
Underflow 301
Overflow 405
Integral 2.752e+04

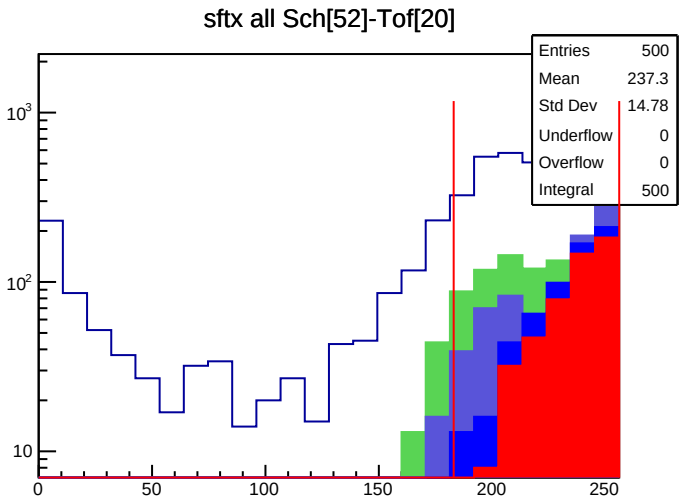

pKurama Sch[51]-Tof[21]
Entries 28229
Mean 0.8984
Std Dev 0.1004
Underflow 0
Overflow 0
Integral 2.823e+04

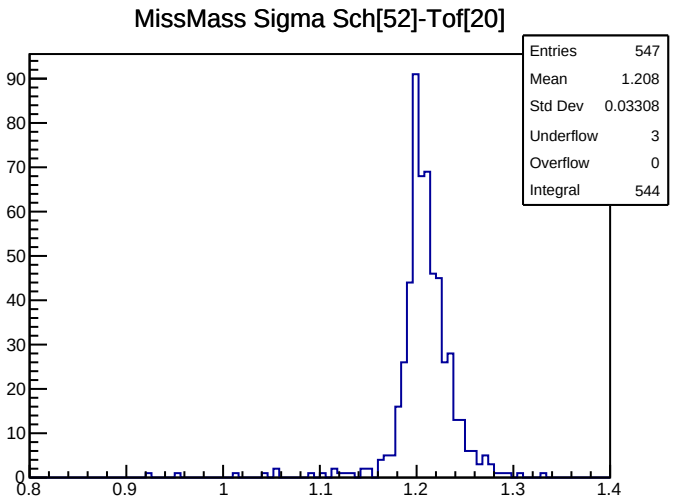

sftx all Sch[51]-Tof[22]
Entries 326
Mean 187.5
Std Dev 11.18
Underflow 0
Overflow 0
Integral 326

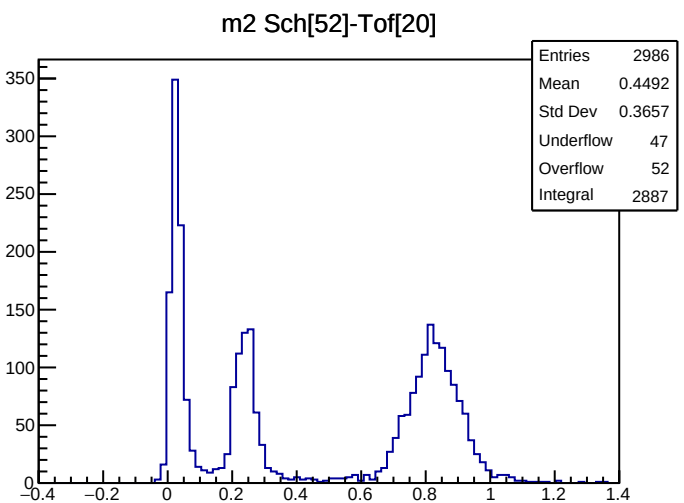

MissMass Sigma Sch[51]-Tof[22]
Entries 376
Mean 1.185
Std Dev 0.04664
Underflow 1
Overflow 0
Integral 375

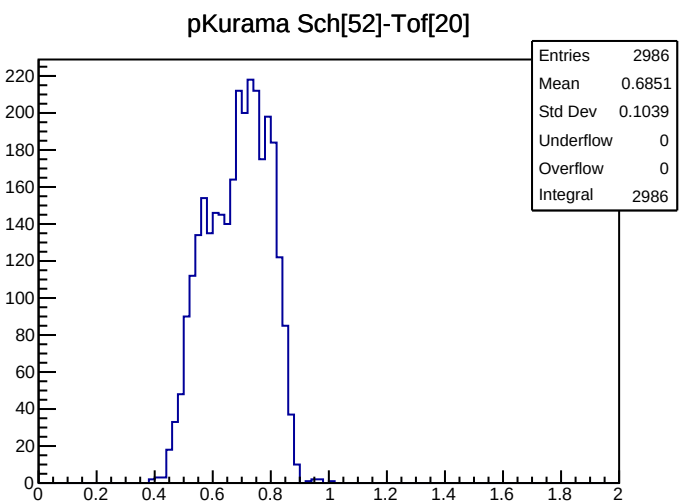

m2 Sch[51]-Tof[22]
Entries 30591
Mean 0.8366
Std Dev 0.1654
Underflow 221
Overflow 445
Integral 2.992e+04

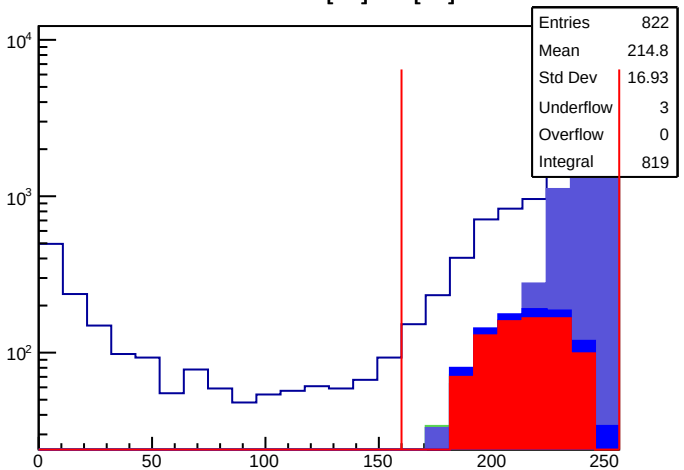

pKurama Sch[51]-Tof[22]
Entries 30591
Mean 0.9578
Std Dev 0.1102
Underflow 0
Overflow 0
Integral 3.059e+04

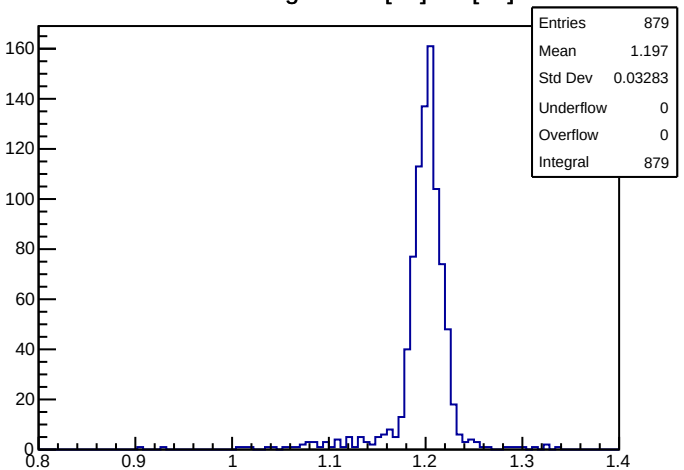

sftx all Sch[52]-Tof[20]
Entries 500
Mean 237.3
Std Dev 14.78
Underflow 0
Overflow 0
Integral 500

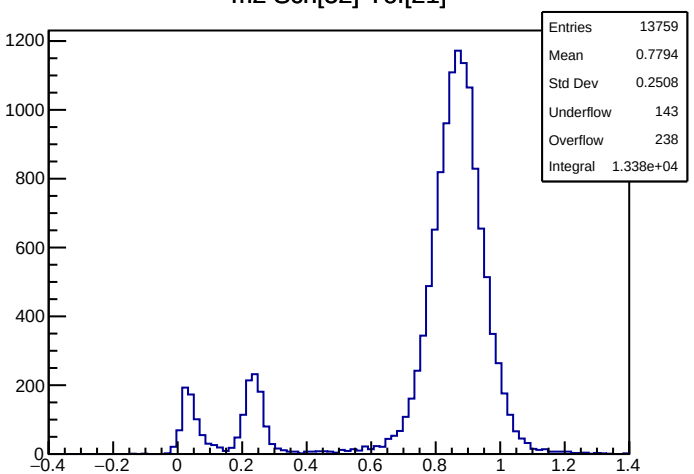

MissMass Sigma Sch[52]-Tof[20]
Entries 547
Mean 1.208
Std Dev 0.03308
Underflow 3
Overflow 0
Integral 544

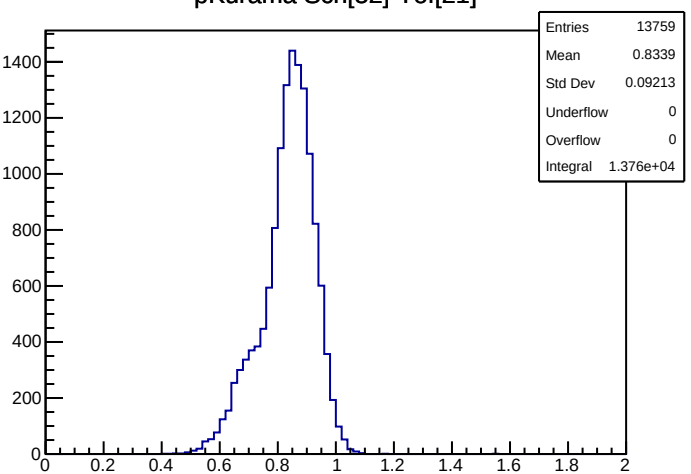

m2 Sch[52]-Tof[20]
Entries 2986
Mean 0.4492
Std Dev 0.3657
Underflow 47
Overflow 52
Integral 2887

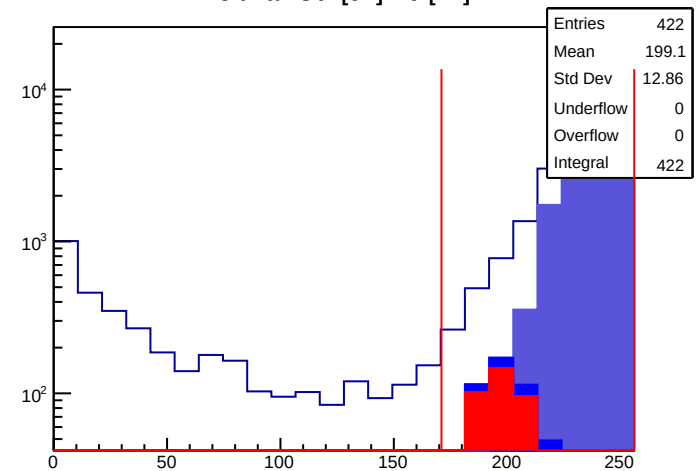

pKurama Sch[52]-Tof[20]
Entries 2986
Mean 0.6851
Std Dev 0.1039
Underflow 0
Overflow 0
Integral 2986

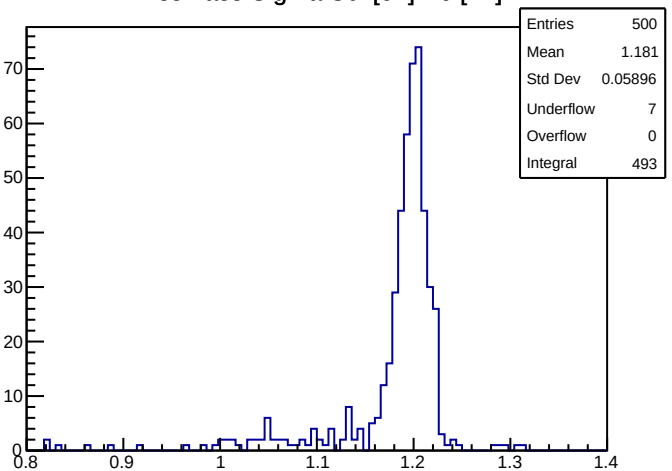

sftx all Sch[52]-Tof[21]
Entries 822
Mean 214.8
Std Dev 16.93
Underflow 3
Overflow 0
Integral 819

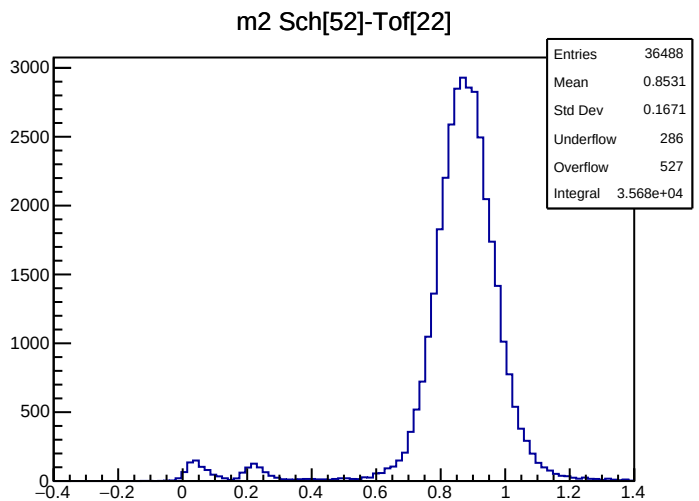

MissMass Sigma Sch[52]-Tof[21]
Entries 879
Mean 1.197
Std Dev 0.03283
Underflow 0
Overflow 0
Integral 879

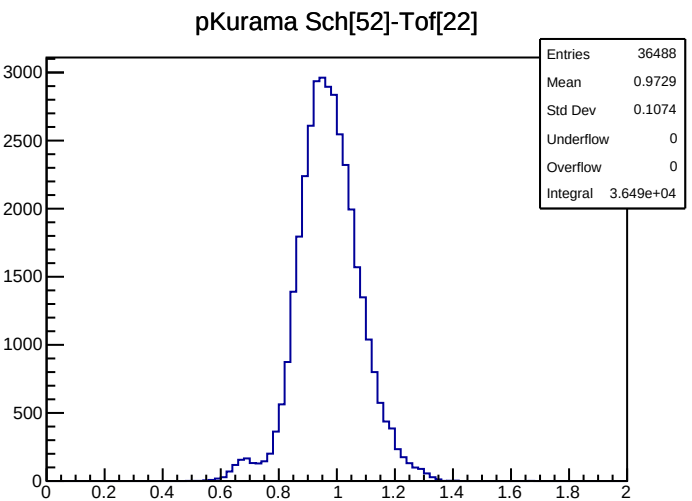

m2 Sch[52]-Tof[21]
Entries 13759
Mean 0.7794
Std Dev 0.2508
Underflow 143
Overflow 238
Integral 1.338e+04

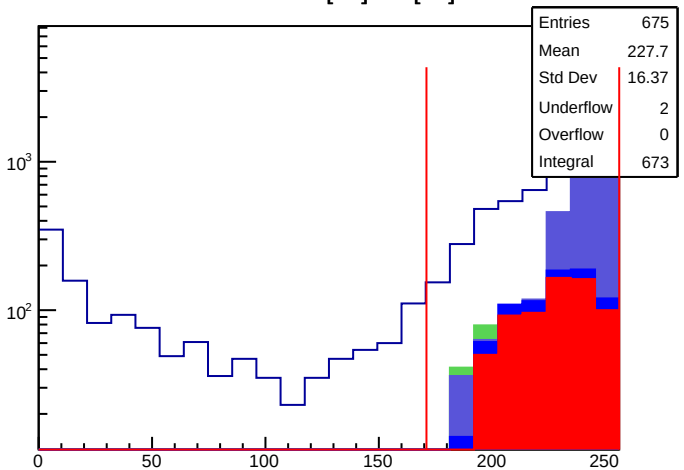

pKurama Sch[52]-Tof[21]
Entries 13759
Mean 0.8339
Std Dev 0.09213
Underflow 0
Overflow 0
Integral 1.376e+04

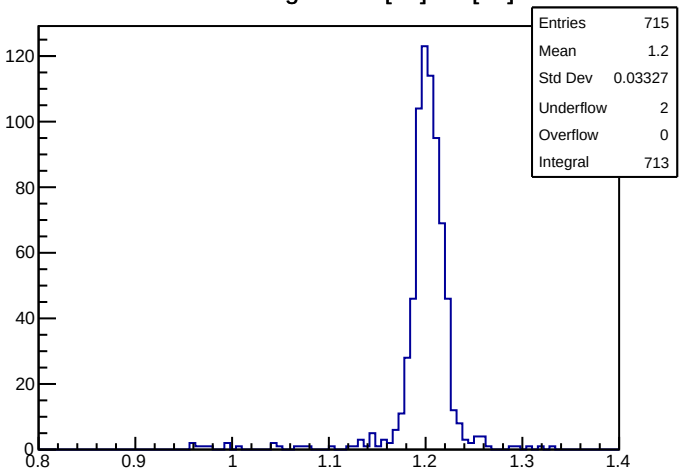

sftx all Sch[52]-Tof[22]
Entries 422
Mean 199.1
Std Dev 12.86
Underflow 0
Overflow 0
Integral 422

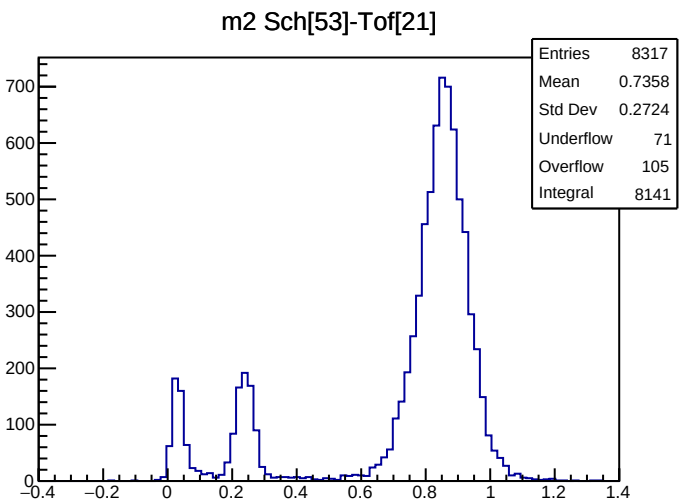

MissMass Sigma Sch[52]-Tof[22]
Entries 500
Mean 1.181
Std Dev 0.05896
Underflow 7
Overflow 0
Integral 493

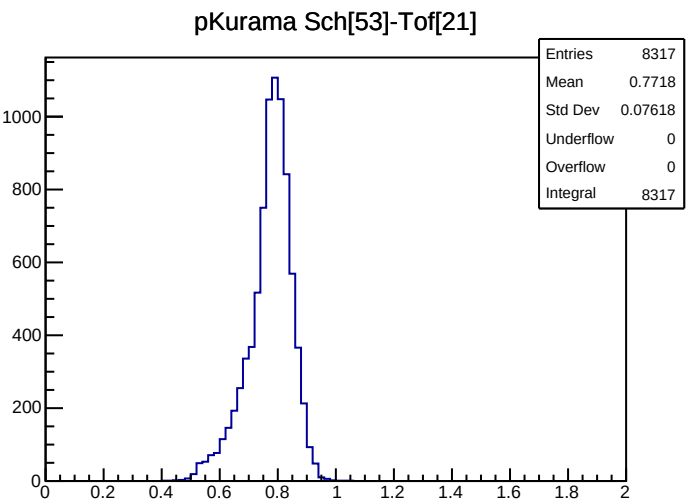

m2 Sch[52]-Tof[22]
Entries 36488
Mean 0.8531
Std Dev 0.1671
Underflow 286
Overflow 527
Integral 3.568e+04

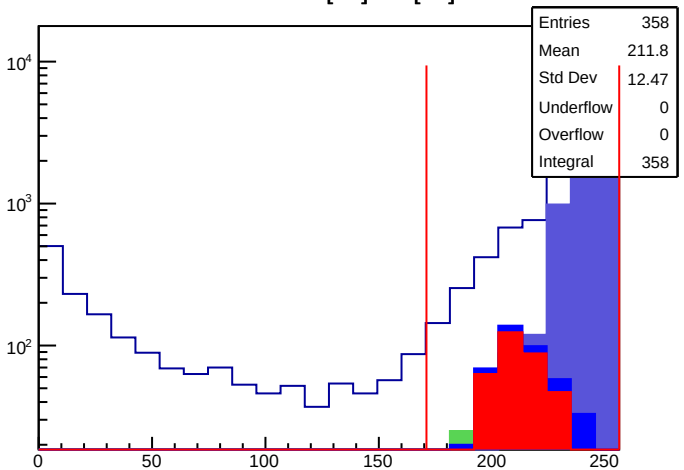

pKurama Sch[52]-Tof[22]
Entries 36488
Mean 0.9729
Std Dev 0.1074
Underflow 0
Overflow 0
Integral 3.649e+04

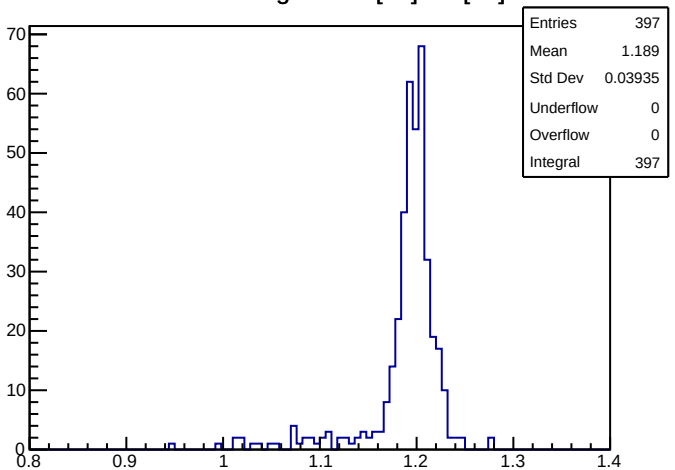

sftx all Sch[53]-Tof[21]
Entries 675
Mean 227.7
Std Dev 16.37
Underflow 2
Overflow 0
Integral 673
10^3
10^2
0
50
100
150
200
250

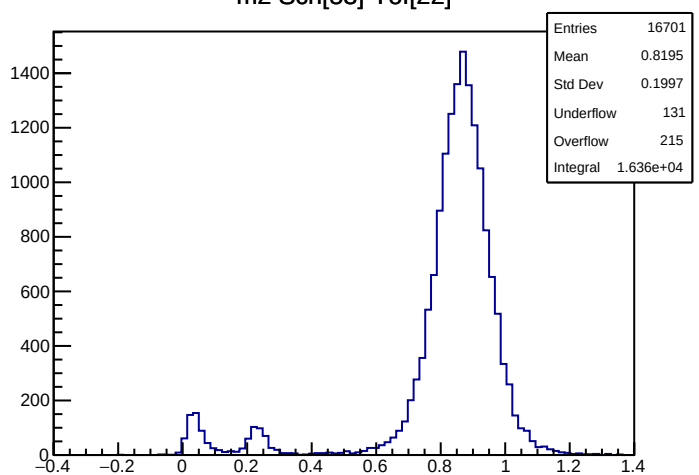

MissMass Sigma Sch[53]-Tof[21]
Entries 715
Mean 1.2
Std Dev 0.03327
Underflow 2
Overflow 0
Integral 713
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

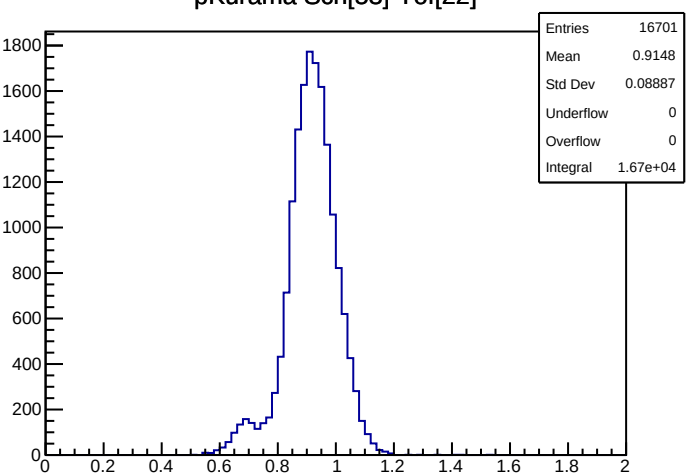

m2 Sch[53]-Tof[21]
Entries 8317
Mean 0.7358
Std Dev 0.2724
Underflow 71
Overflow 105
Integral 8141
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

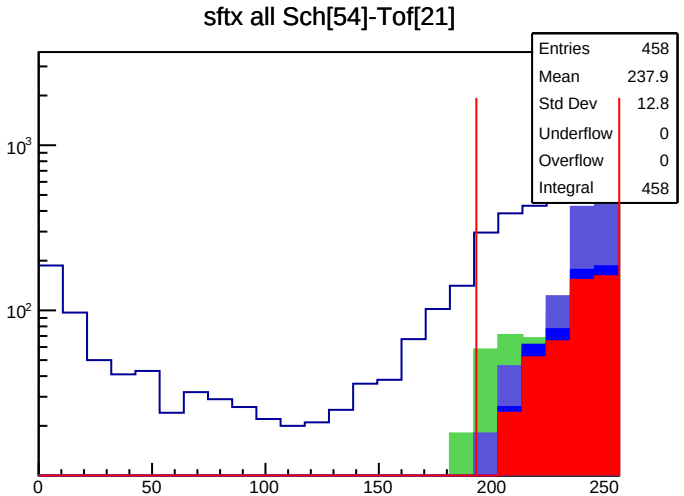

pKurama Sch[53]-Tof[21]
Entries 8317
Mean 0.7718
Std Dev 0.07618
Underflow 0
Overflow 0
Integral 8317
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

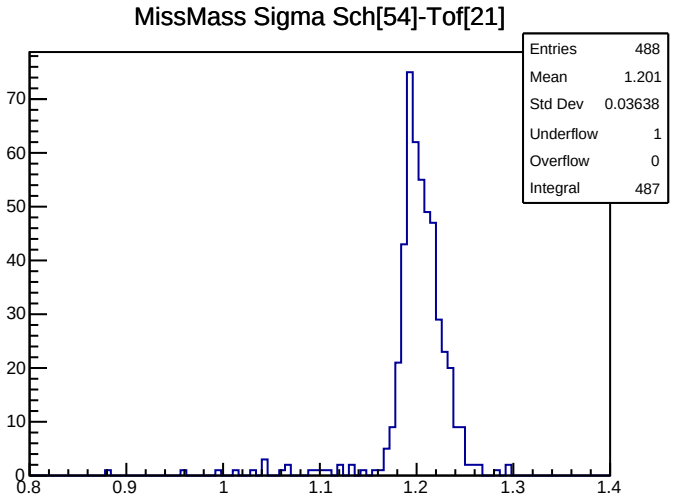

sftx all Sch[53]-Tof[22]
Entries 358
Mean 211.8
Std Dev 12.47
Underflow 0
Overflow 0
Integral 358

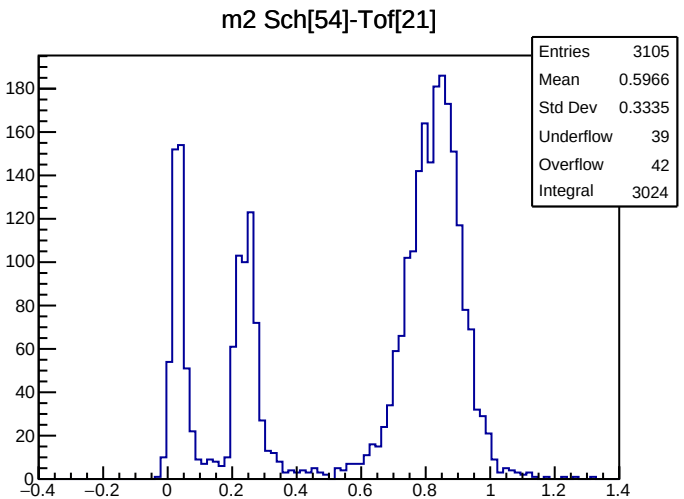

MissMass Sigma Sch[53]-Tof[22]
Entries 397
Mean 1.189
Std Dev 0.03935
Underflow 0
Overflow 0
Integral 397

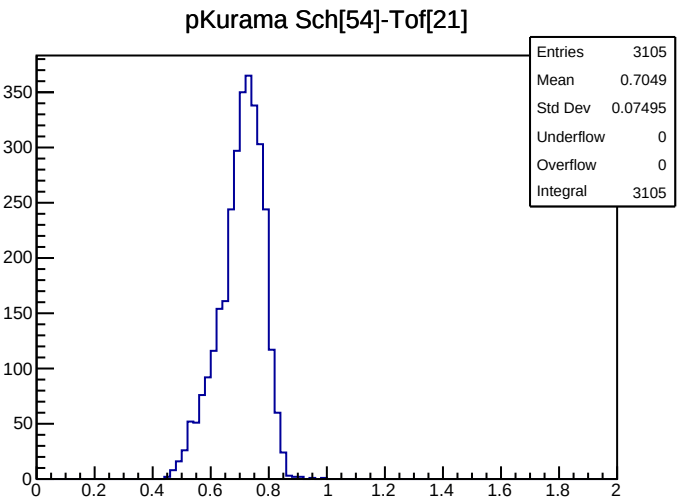

m2 Sch[53]-Tof[22]
Entries 16701
Mean 0.8195
Std Dev 0.1997
Underflow 131
Overflow 215
Integral 1.636e+04

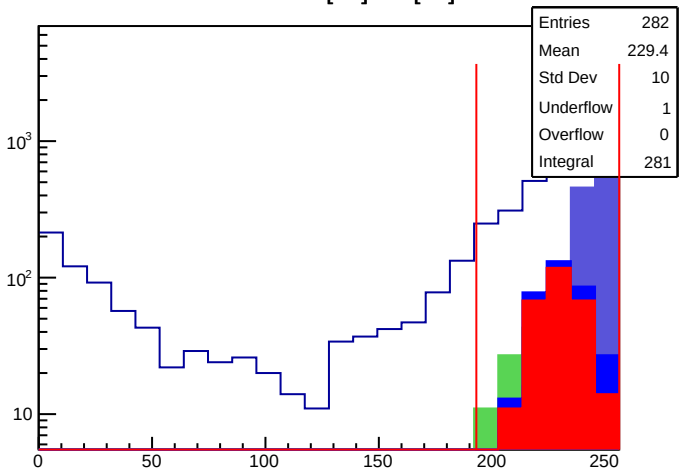

pKurama Sch[53]-Tof[22]
Entries 16701
Mean 0.9148
Std Dev 0.08887
Underflow 0
Overflow 0
Integral 1.67e+04

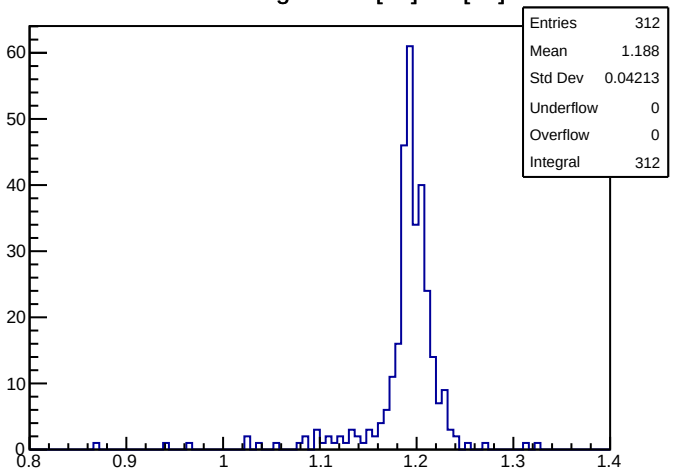

sftx all Sch[54]-Tof[21]
Entries 458
Mean 237.9
Std Dev 12.8
Underflow 0
Overflow 0
Integral 458
10^3
10^2
0
50
100
150
200
250

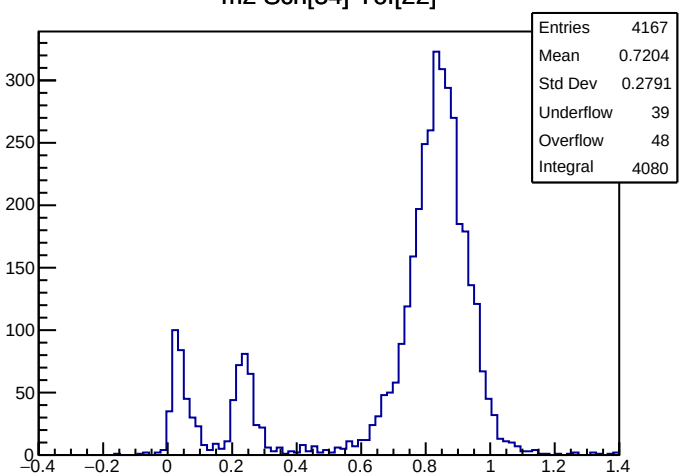

MissMass Sigma Sch[54]-Tof[21]
Entries 488
Mean 1.201
Std Dev 0.03638
Underflow 1
Overflow 0
Integral 487
0
10
20
30
40
50
60
70
0.8
0.9
1
1.1
1.2
1.3
1.4

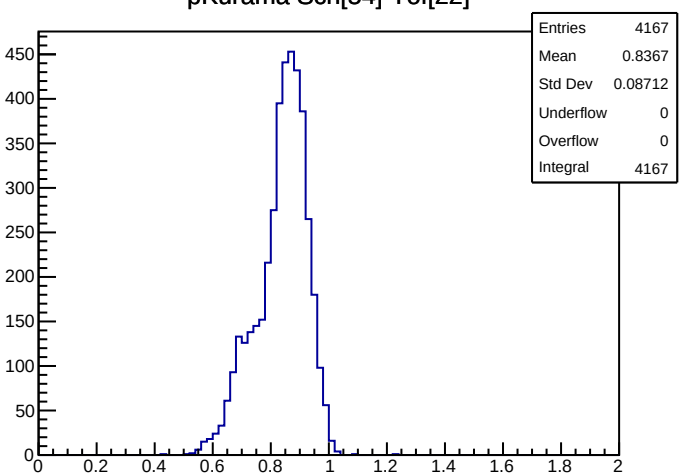

m2 Sch[54]-Tof[21]
Entries 3105
Mean 0.5966
Std Dev 0.3335
Underflow 39
Overflow 42
Integral 3024
0
20
40
60
80
100
120
140
160
180
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

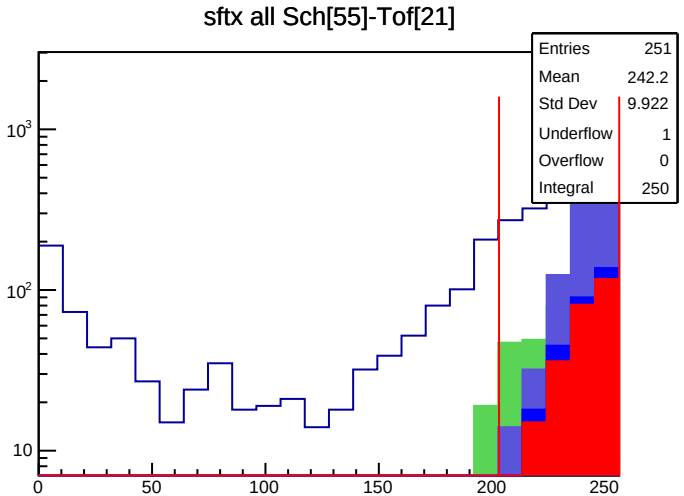

pKurama Sch[54]-Tof[21]
Entries 3105
Mean 0.7049
Std Dev 0.07495
Underflow 0
Overflow 0
Integral 3105
0
50
100
150
200
250
300
350
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

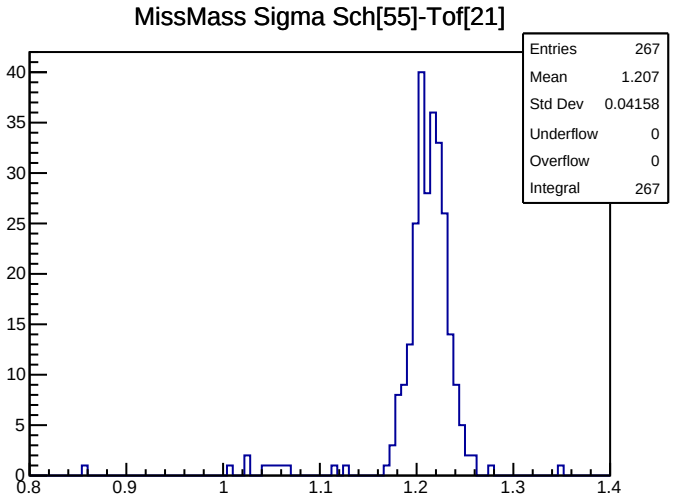

sftx all Sch[54]-Tof[22]
Entries 282
Mean 229.4
Std Dev 10
Underflow 1
Overflow 0
Integral 281

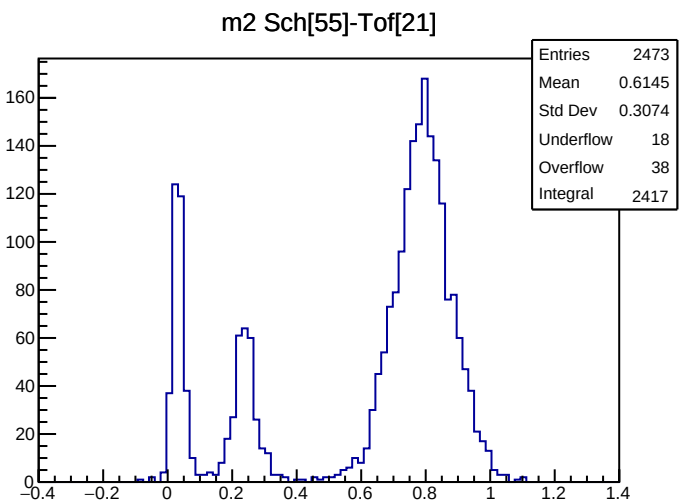

MissMass Sigma Sch[54]-Tof[22]
Entries 312
Mean 1.188
Std Dev 0.04213
Underflow 0
Overflow 0
Integral 312

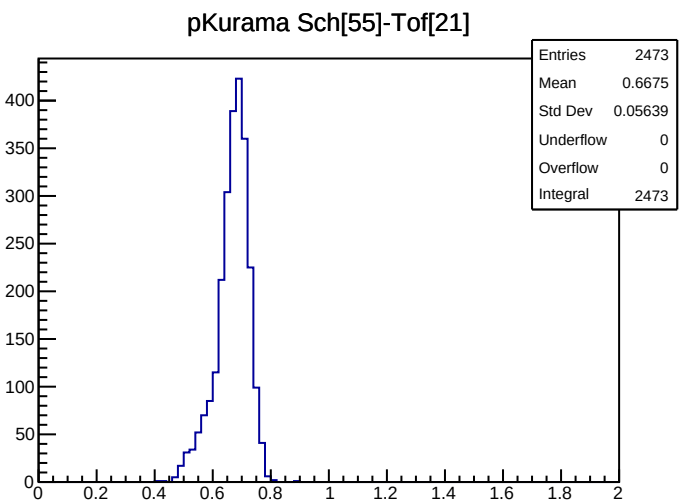

m2 Sch[54]-Tof[22]
Entries 4167
Mean 0.7204
Std Dev 0.2791
Underflow 39
Overflow 48
Integral 4080

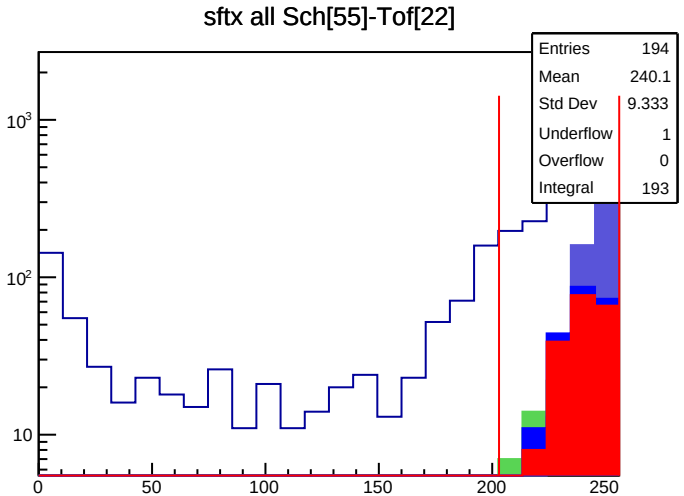

pKurama Sch[54]-Tof[22]
Entries 4167
Mean 0.8367
Std Dev 0.08712
Underflow 0
Overflow 0
Integral 4167

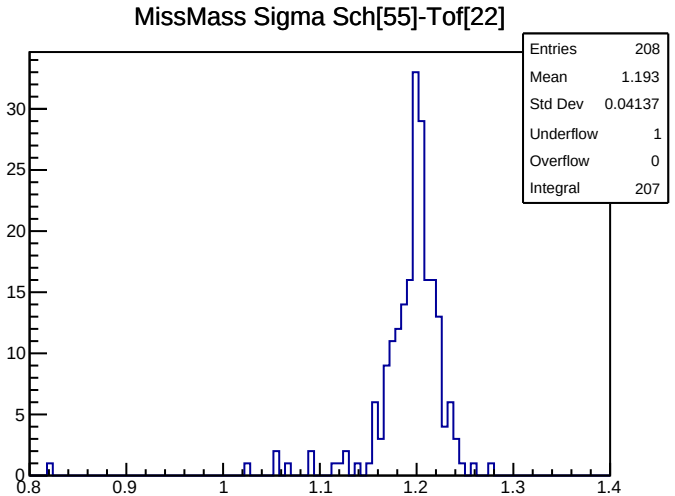

sftx all Sch[55]-Tof[21]
Entries 251
Mean 242.2
Std Dev 9.922
Underflow 1
Overflow 0
Integral 250

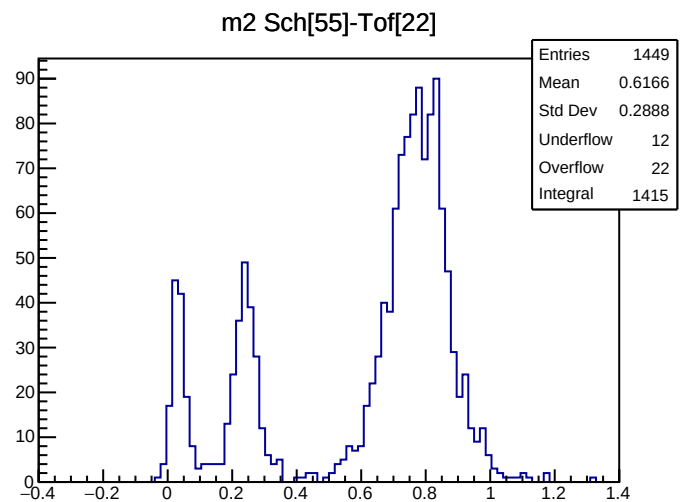

MissMass Sigma Sch[55]-Tof[21]
Entries 267
Mean 1.207
Std Dev 0.04158
Underflow 0
Overflow 0
Integral 267

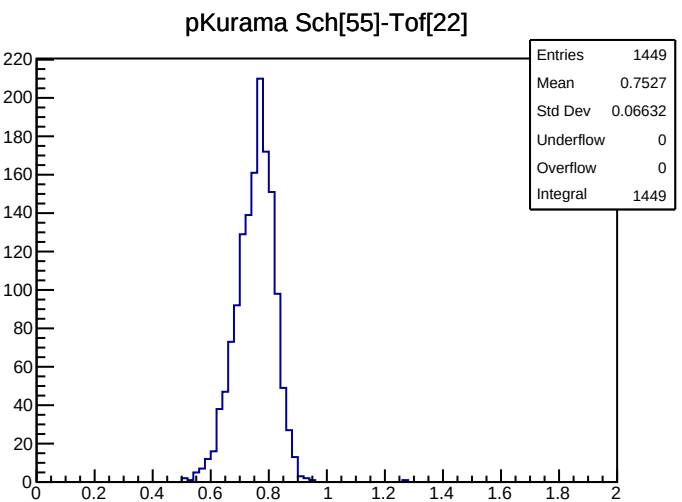

m2 Sch[55]-Tof[21]
Entries 2473
Mean 0.6145
Std Dev 0.3074
Underflow 18
Overflow 38
Integral 2417

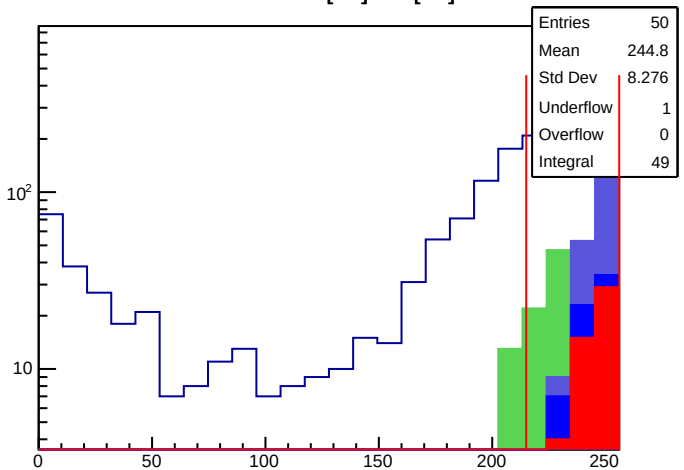

pKurama Sch[55]-Tof[21]
Entries 2473
Mean 0.6675
Std Dev 0.05639
Underflow 0
Overflow 0
Integral 2473

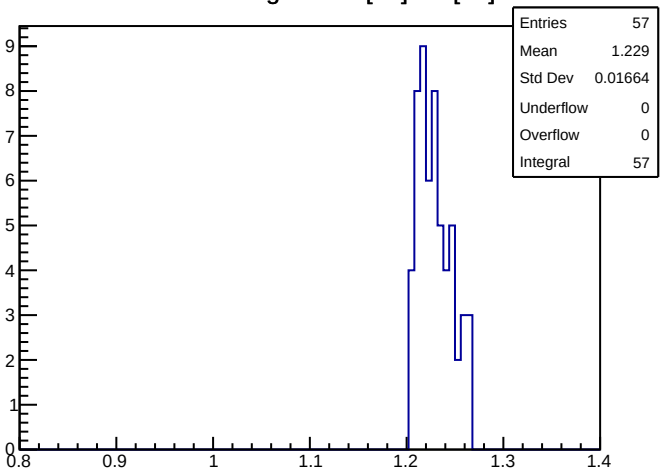

sftx all Sch[55]-Tof[22]
Entries 194
Mean 240.1
Std Dev 9.333
Underflow 1
Overflow 0
Integral 193

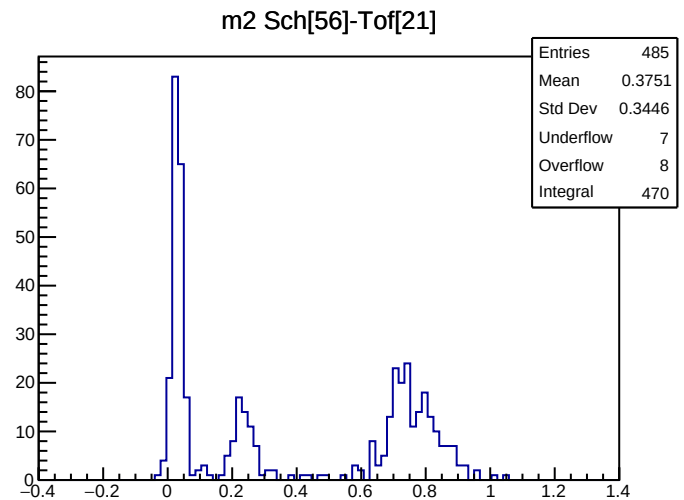

MissMass Sigma Sch[55]-Tof[22]
Entries 208
Mean 1.193
Std Dev 0.04137
Underflow 1
Overflow 0
Integral 207

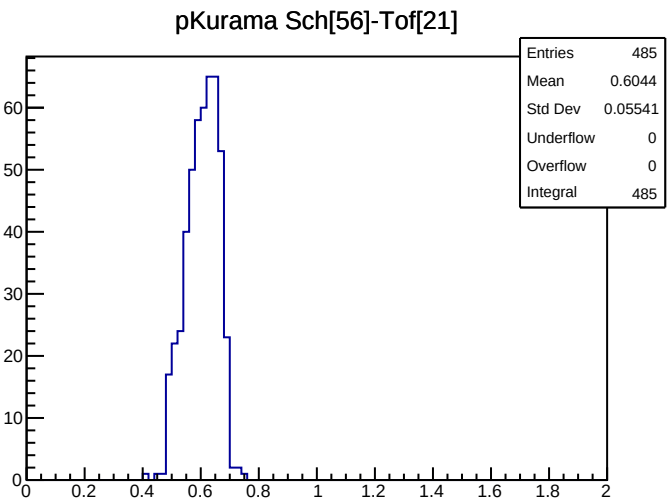

m2 Sch[55]-Tof[22]
Entries 1449
Mean 0.6166
Std Dev 0.2888
Underflow 12
Overflow 22
Integral 1415

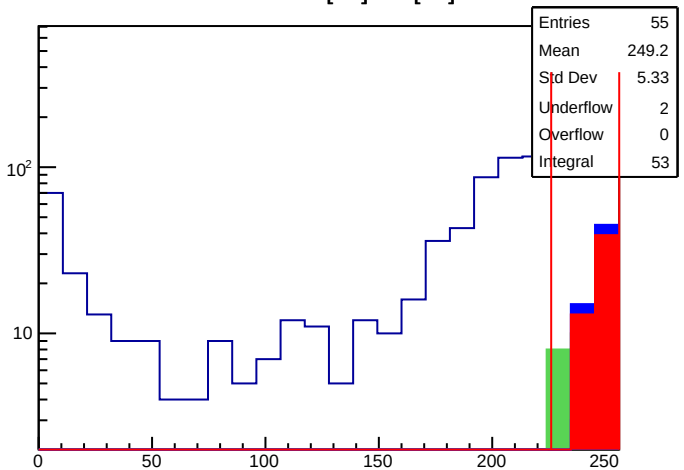

pKurama Sch[55]-Tof[22]
Entries 1449
Mean 0.7527
Std Dev 0.06632
Underflow 0
Overflow 0
Integral 1449

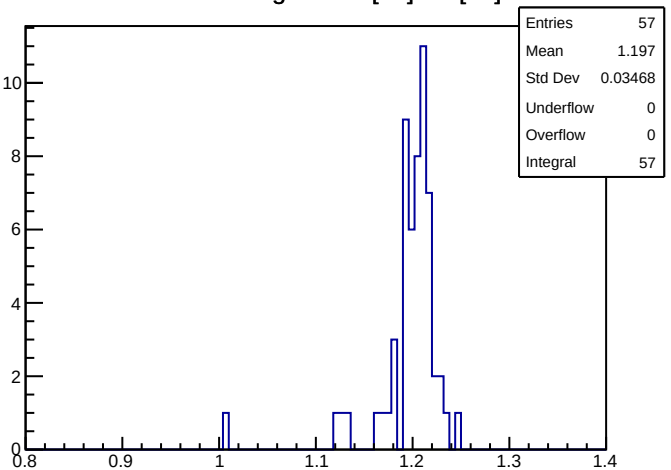

sftx all Sch[56]-Tof[21]
Entries 50
Mean 244.8
Std Dev 8.276
Underflow 1
Overflow 0
Integral 49
10^2
10
0
50
100
150
200
250

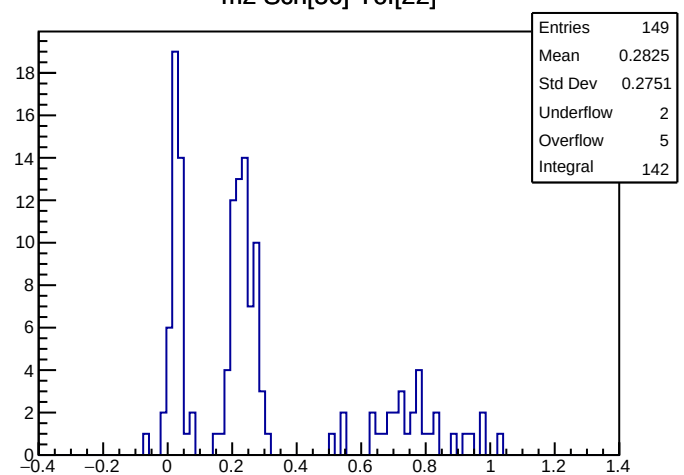

MissMass Sigma Sch[56]-Tof[21]
Entries 57
Mean 1.229
Std Dev 0.01664
Underflow 0
Overflow 0
Integral 57
0
1
2
3
4
5
6
7
8
9
0.8
0.9
1
1.1
1.2
1.3
1.4

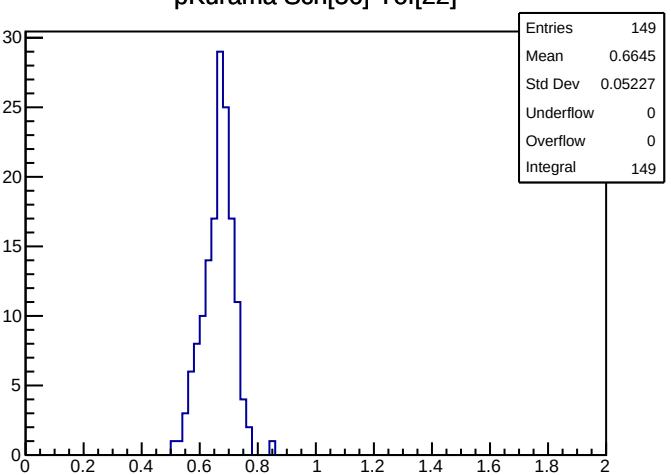

m2 Sch[56]-Tof[21]
Entries 485
Mean 0.3751
Std Dev 0.3446
Underflow 7
Overflow 8
Integral 470
0
10
20
30
40
50
60
70
80
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

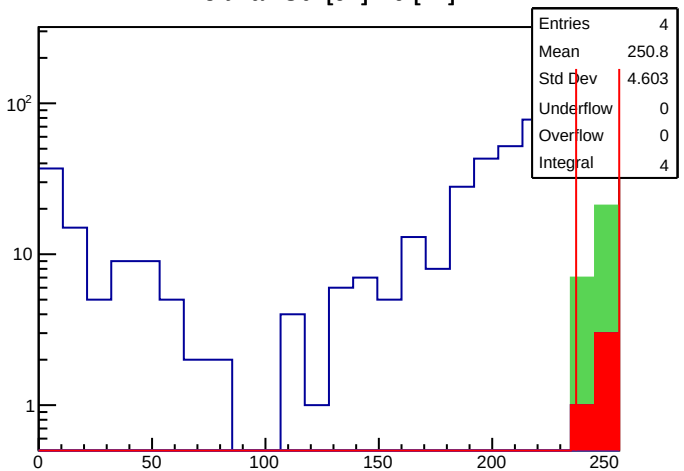

pKurama Sch[56]-Tof[21]
Entries 485
Mean 0.6044
Std Dev 0.05541
Underflow 0
Overflow 0
Integral 485
0
10
20
30
40
50
60
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

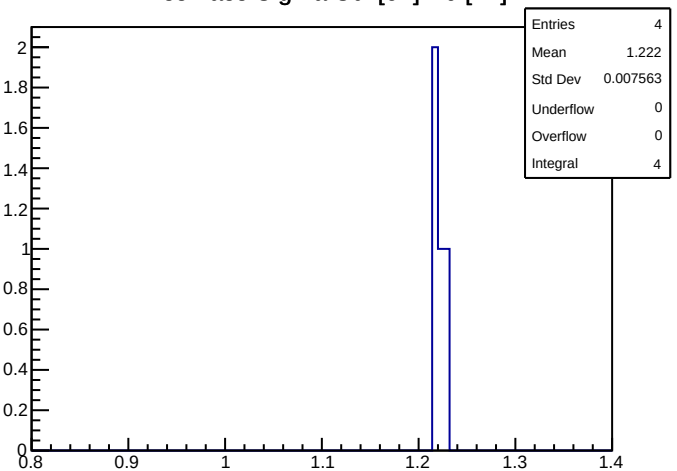

sftx all Sch[56]-Tof[22]
Entries 55
Mean 249.2
Std Dev 5.33
Underflow 2
Overflow 0
Integral 53
10^2
10
0
50
100
150
200
250

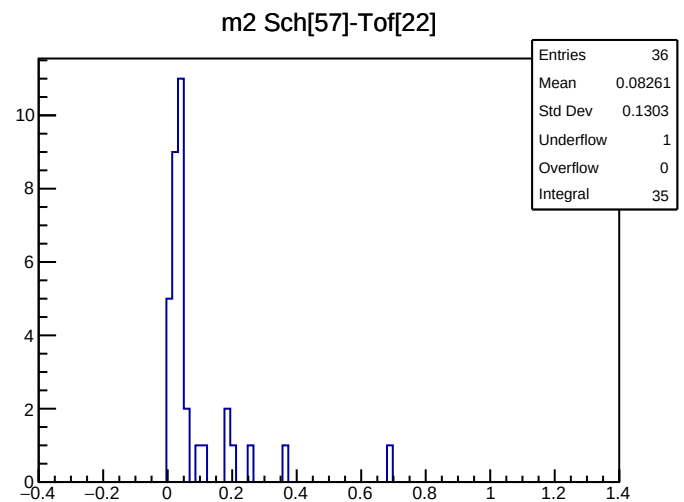

MissMass Sigma Sch[56]-Tof[22]
Entries 57
Mean 1.197
Std Dev 0.03468
Underflow 0
Overflow 0
Integral 57
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

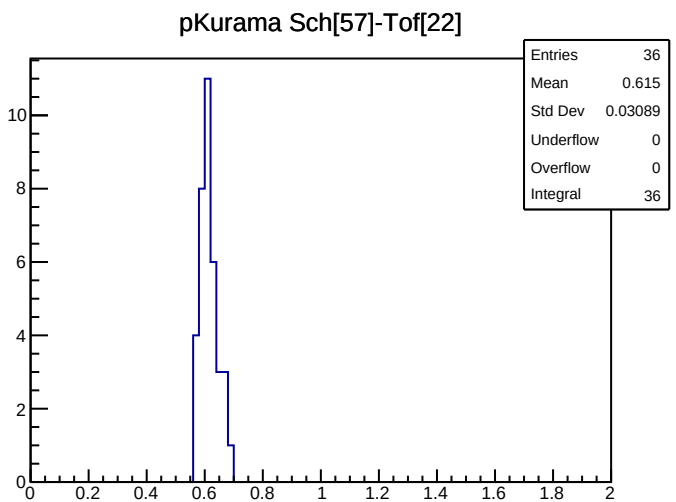

m2 Sch[56]-Tof[22]
Entries 149
Mean 0.2825
Std Dev 0.2751
Underflow 2
Overflow 5
Integral 142
18
16
14
12
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[56]-Tof[22]
Entries 149
Mean 0.6645
Std Dev 0.05227
Underflow 0
Overflow 0
Integral 149
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[57]-Tof[22]
Entries 4
Mean 250.8
Std Dev 4.603
Underflow 0
Overflow 0
Integral 4


MissMass Sigma Sch[57]-Tof[22]
Entries 4
Mean 1.222
Std Dev 0.007563
Underflow 0
Overflow 0
Integral 4


m2 Sch[57]-Tof[22]
Entries 36
Mean 0.08261
Std Dev 0.1303
Underflow 1
Overflow 0
Integral 35


pKurama Sch[57]-Tof[22]
Entries 36
Mean 0.615
Std Dev 0.03089
Underflow 0
Overflow 0
Integral 36