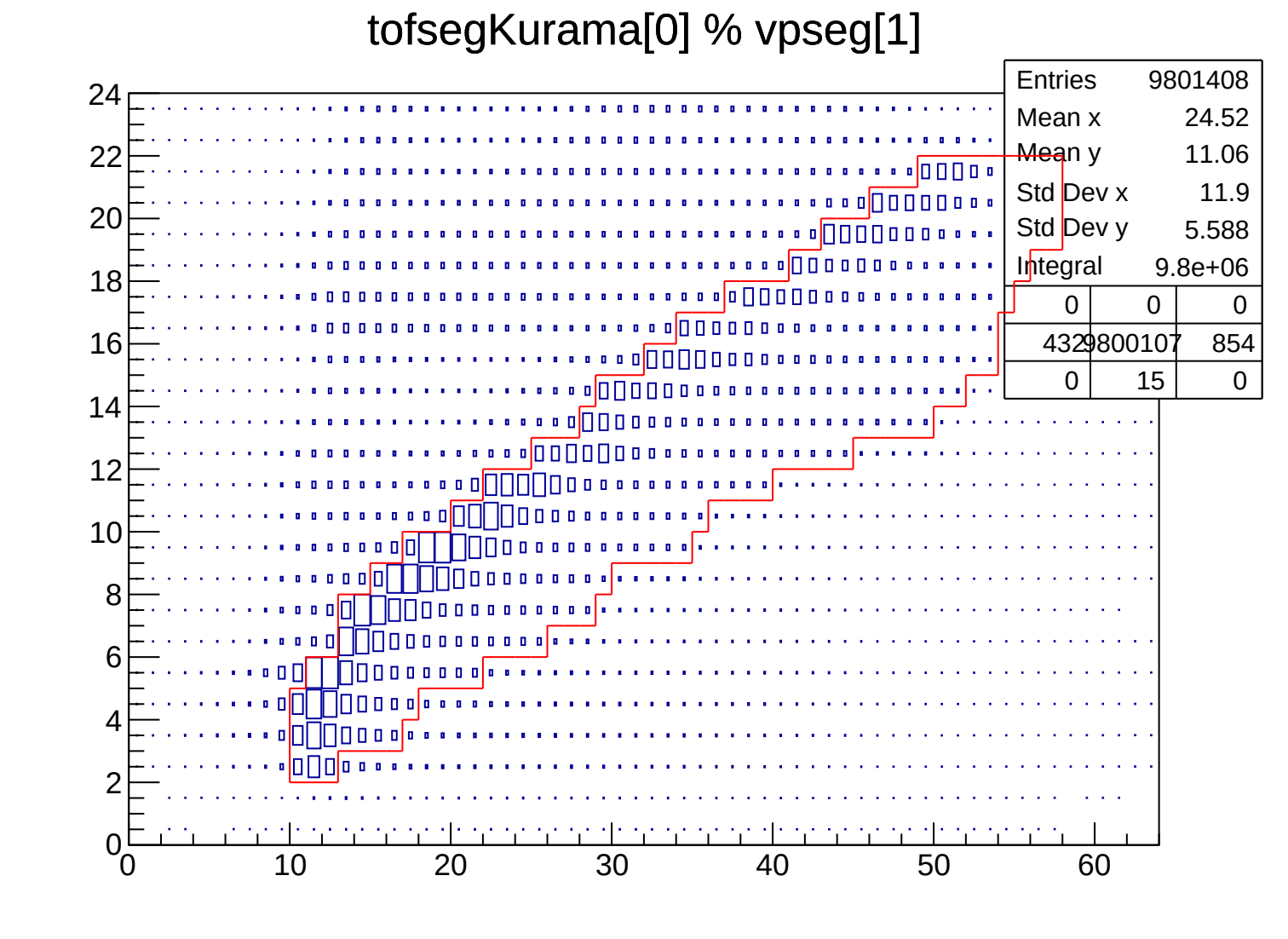
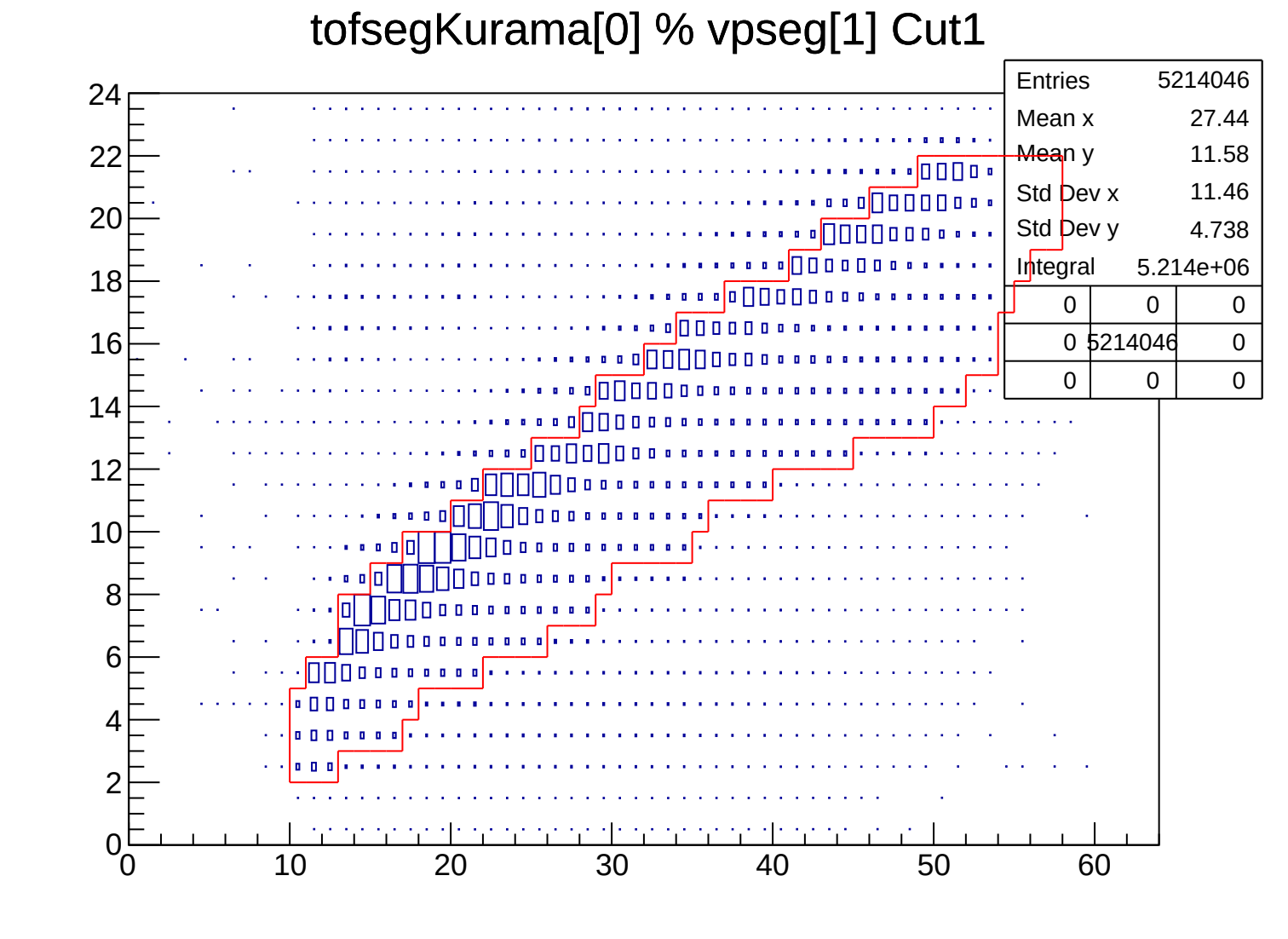
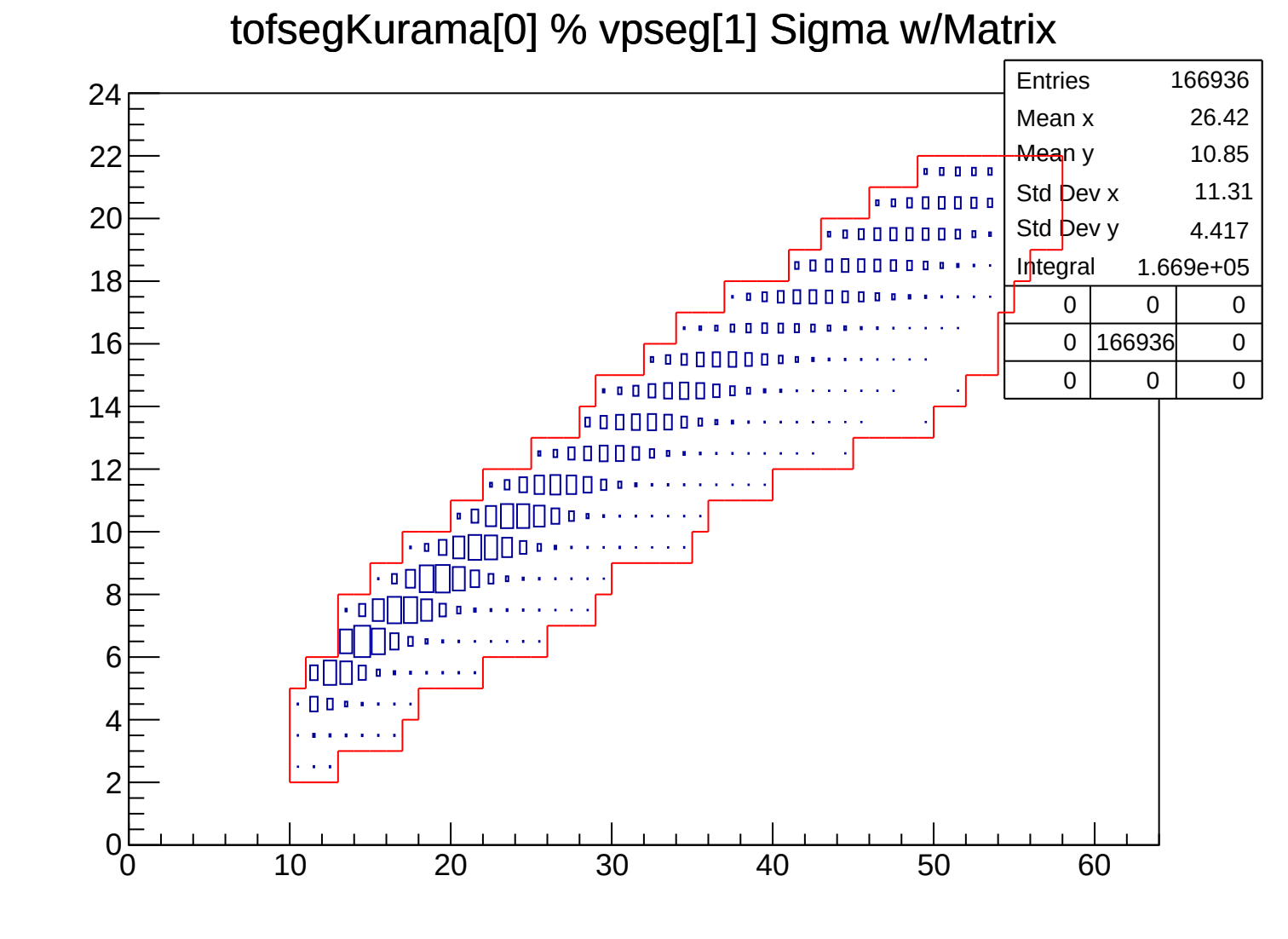
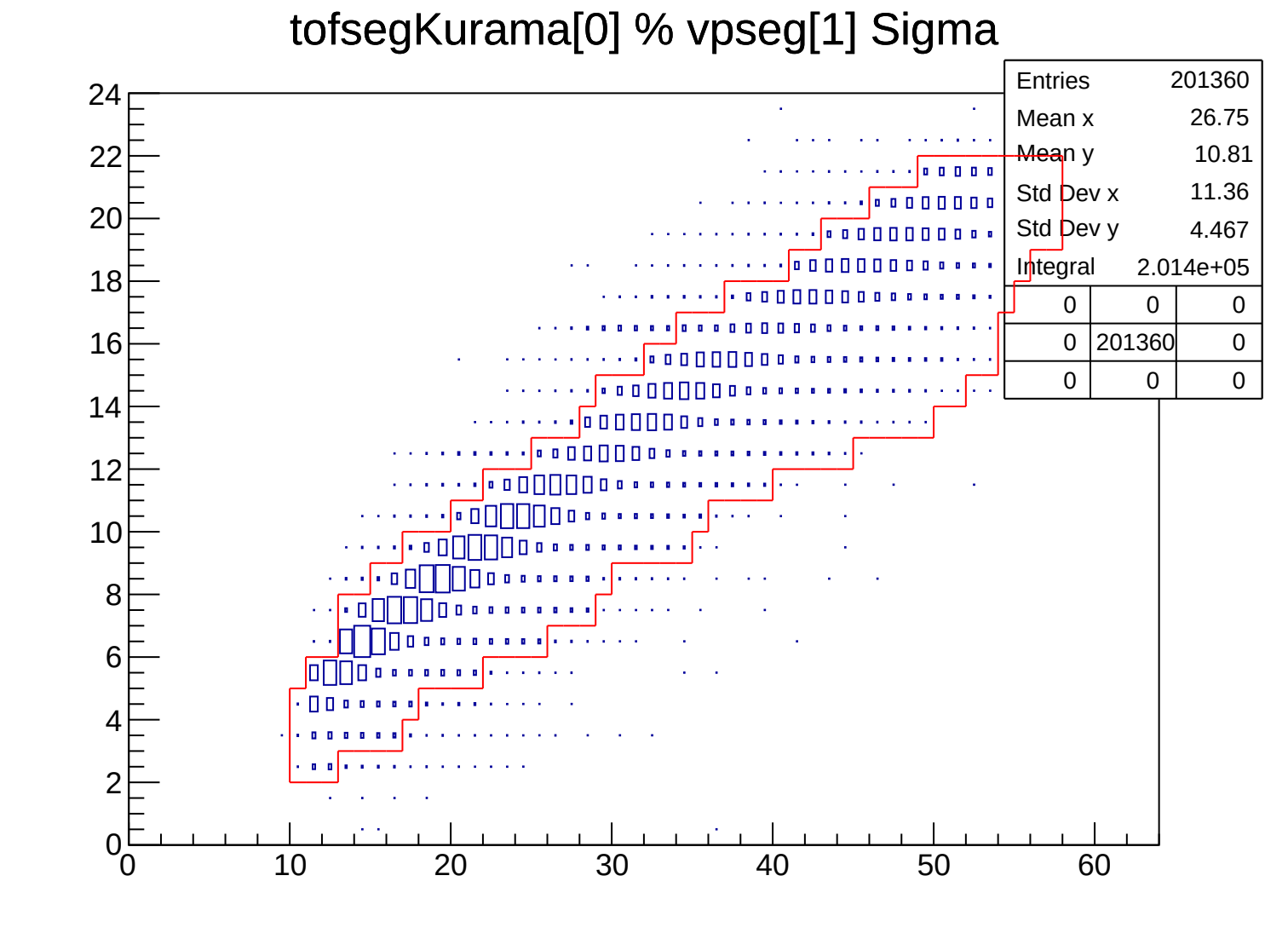
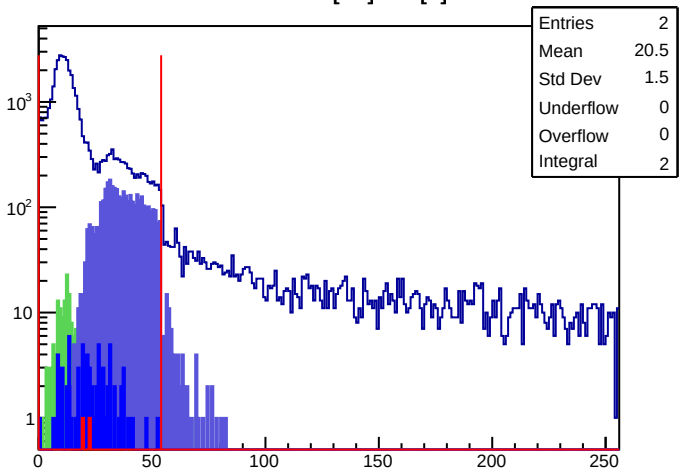
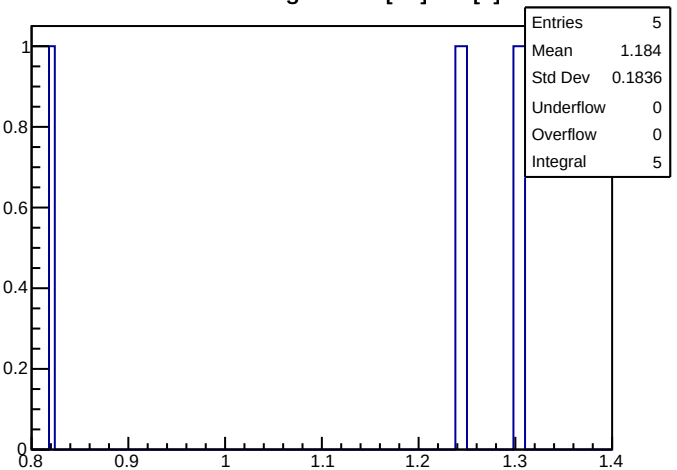

tofsegKurama[0] % vpseg[1]
Entries 9801408
Mean x 24.52
Mean y 11.06
Std Dev x 11.9
Std Dev y 5.588
Integral 9.8e+06
0 0 0
4329800107 854
0 15 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

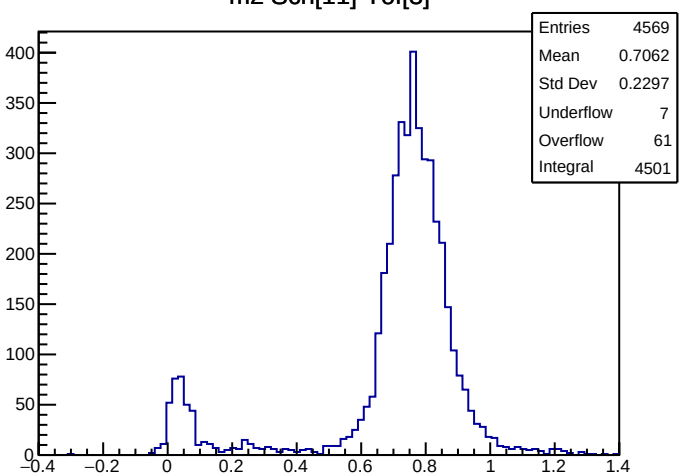

tofsegKurama[0] % vpseg[1] Cut1
Entries 5214046
Mean x 27.44
Mean y 11.58
Std Dev x 11.46
Std Dev y 4.738
Integral 5.214e+06
0 0 0
0 5214046 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

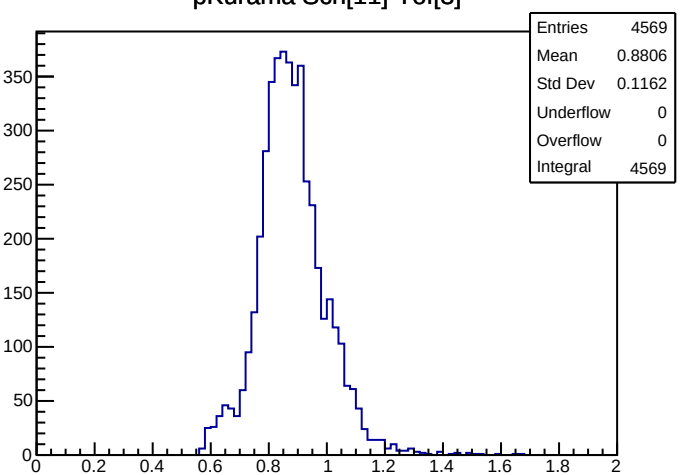

tofsegKurama[0] % vpseg[1] Sigma w/Matrix
Entries 166936
Mean x 26.42
Mean y 10.85
Std Dev x 11.31
Std Dev y 4.417
Integral 1.669e+05
0 0 0
0 166936 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

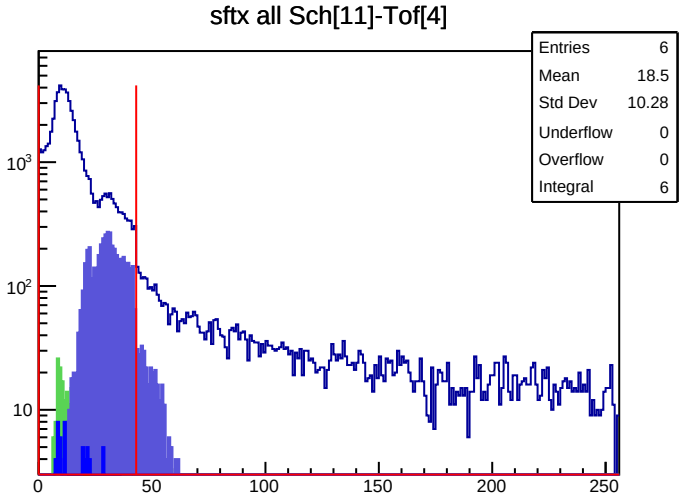

tofsegKurama[0] % vpseg[1] Sigma
Entries 201360
Mean x 26.75
Mean y 10.81
Std Dev x 11.36
Std Dev y 4.467
Integral 2.014e+05
0 0 0
0 201360 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

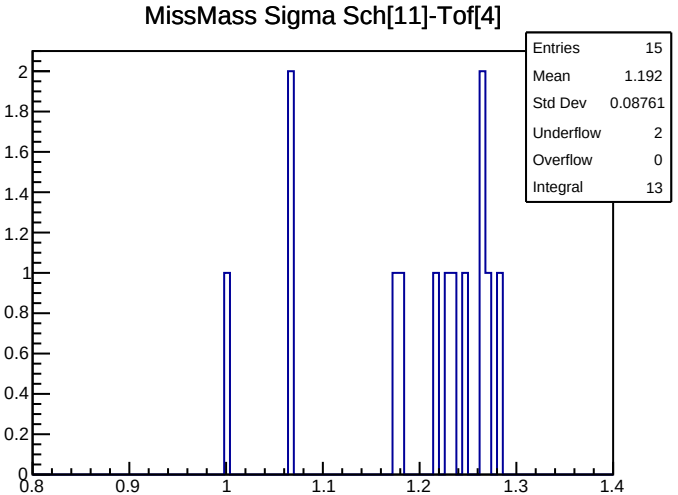

sftx all Sch[11]-Tof[3]
Entries 2
Mean 20.5
Std Dev 1.5
Underflow 0
Overflow 0
Integral 2

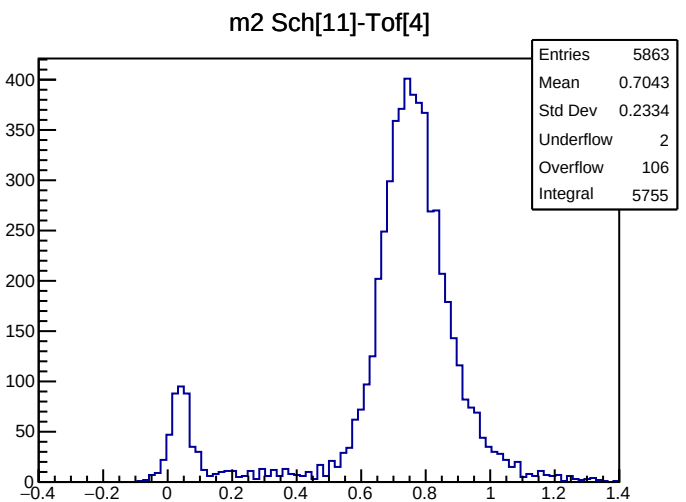

MissMass Sigma Sch[11]-Tof[3]
Entries 5
Mean 1.184
Std Dev 0.1836
Underflow 0
Overflow 0
Integral 5

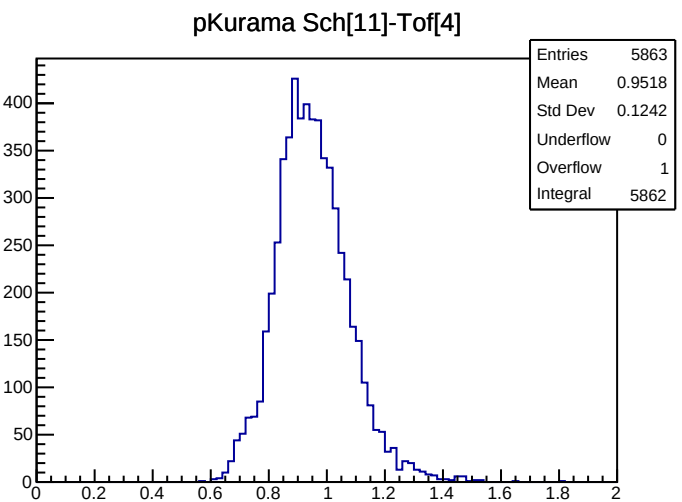

m2 Sch[11]-Tof[3]
Entries 4569
Mean 0.7062
Std Dev 0.2297
Underflow 7
Overflow 61
Integral 4501

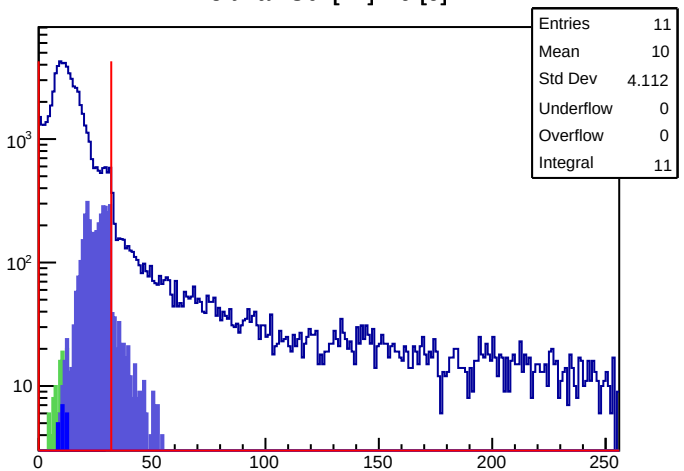

pKurama Sch[11]-Tof[3]
Entries 4569
Mean 0.8806
Std Dev 0.1162
Underflow 0
Overflow 0
Integral 4569

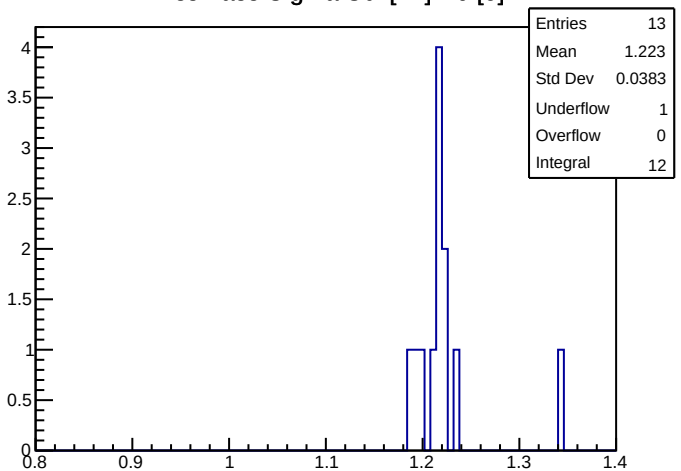

sftx all Sch[11]-Tof[4]
Entries 6
Mean 18.5
Std Dev 10.28
Underflow 0
Overflow 0
Integral 6
10^3
10^2
10
0
50
100
150
200
250

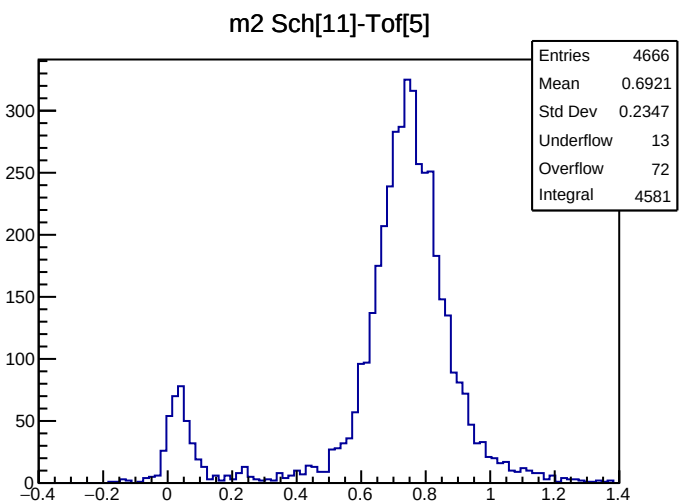

MissMass Sigma Sch[11]-Tof[4]
Entries 15
Mean 1.192
Std Dev 0.08761
Underflow 2
Overflow 0
Integral 13
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
0.8
0.9
1
1.1
1.2
1.3
1.4

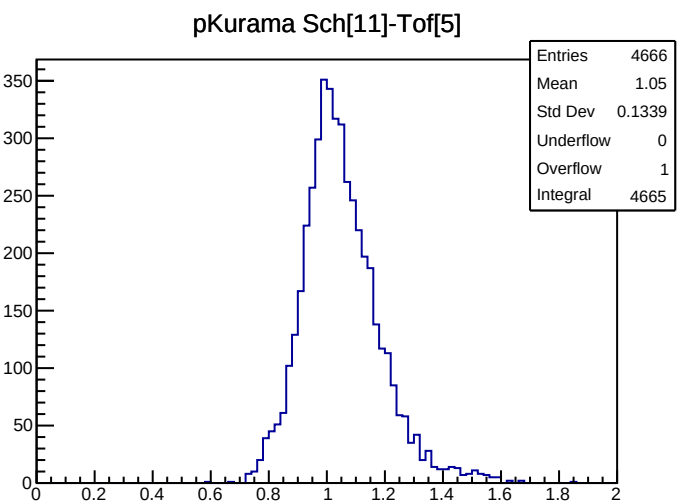

m2 Sch[11]-Tof[4]
Entries 5863
Mean 0.7043
Std Dev 0.2334
Underflow 2
Overflow 106
Integral 5755
0
50
100
150
200
250
300
350
400
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

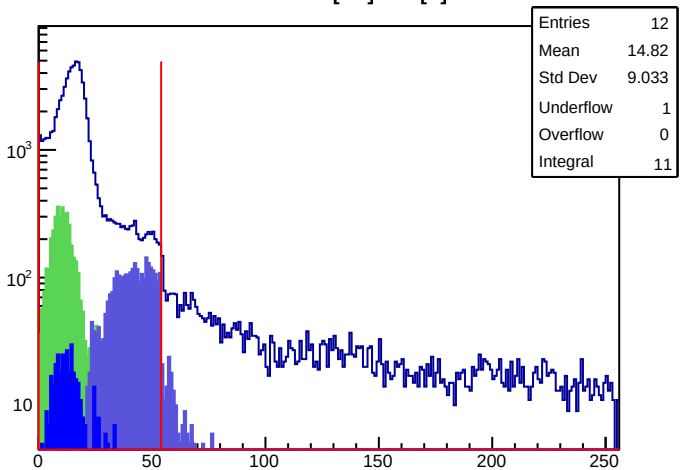

pKurama Sch[11]-Tof[4]
Entries 5863
Mean 0.9518
Std Dev 0.1242
Underflow 0
Overflow 1
Integral 5862
0
50
100
150
200
250
300
350
400
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

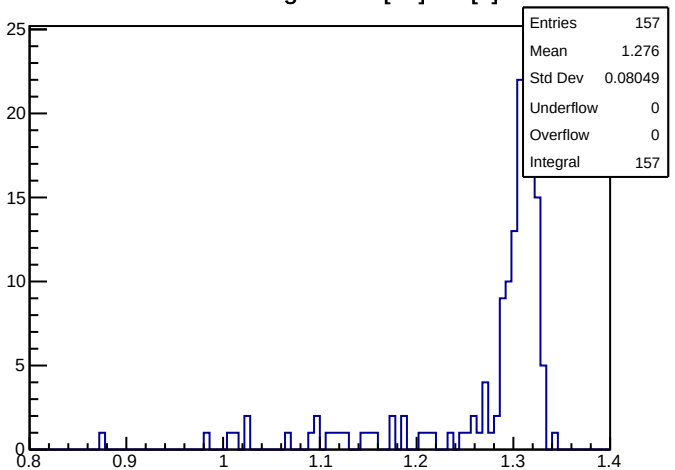

sftx all Sch[11]-Tof[5]
Entries 11
Mean 10
Std Dev 4.112
Underflow 0
Overflow 0
Integral 11

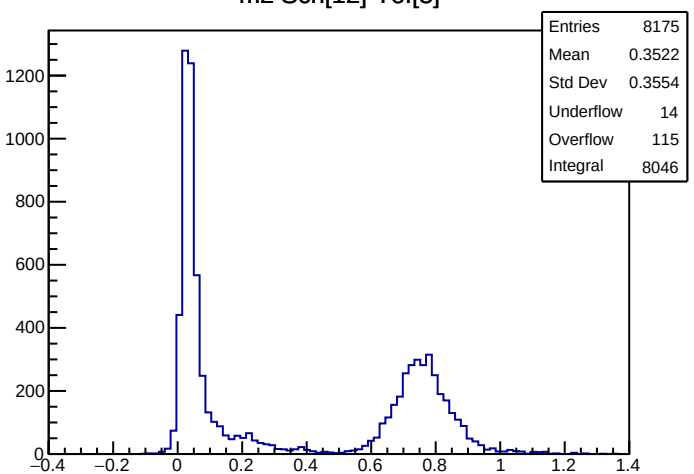

MissMass Sigma Sch[11]-Tof[5]
Entries 13
Mean 1.223
Std Dev 0.0383
Underflow 1
Overflow 0
Integral 12

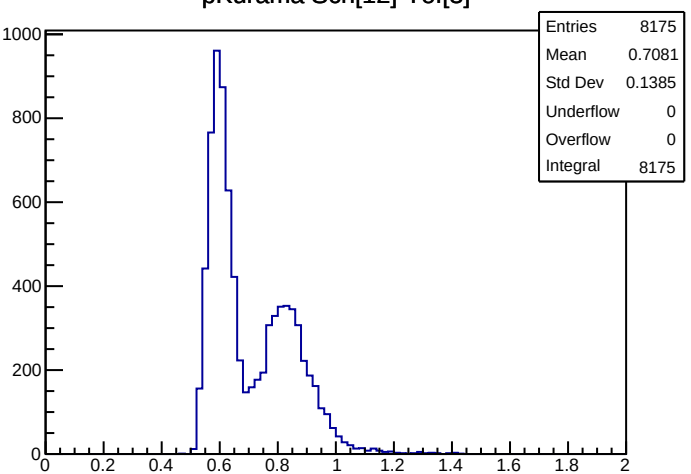

m2 Sch[11]-Tof[5]
Entries 4666
Mean 0.6921
Std Dev 0.2347
Underflow 13
Overflow 72
Integral 4581

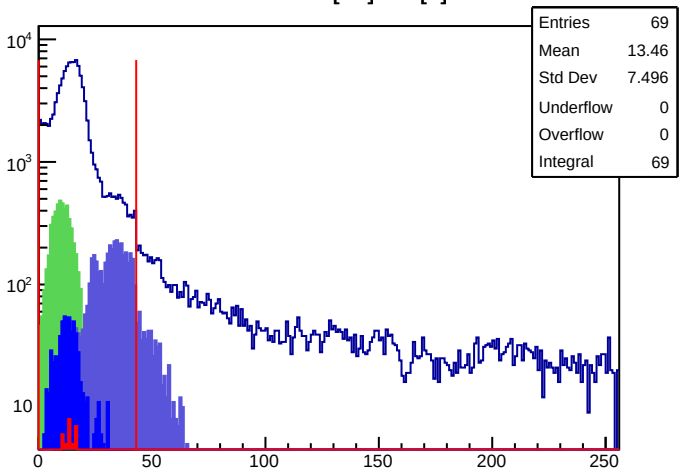

pKurama Sch[11]-Tof[5]
Entries 4666
Mean 1.05
Std Dev 0.1339
Underflow 0
Overflow 1
Integral 4665

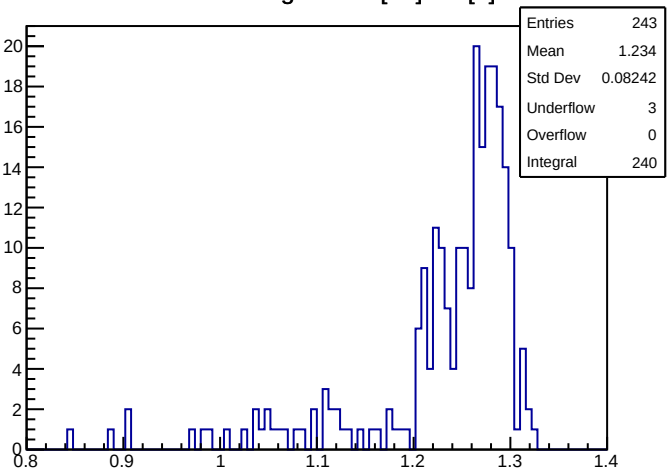

sftx all Sch[12]-Tof[3]
Entries 12
Mean 14.82
Std Dev 9.033
Underflow 1
Overflow 0
Integral 11
10^3
10^2
10
0
50
100
150
200
250

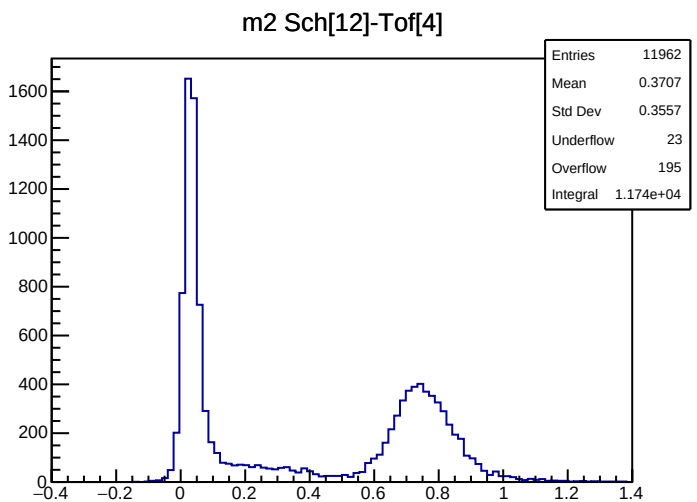

MissMass Sigma Sch[12]-Tof[3]
Entries 157
Mean 1.276
Std Dev 0.08049
Underflow 0
Overflow 0
Integral 157
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

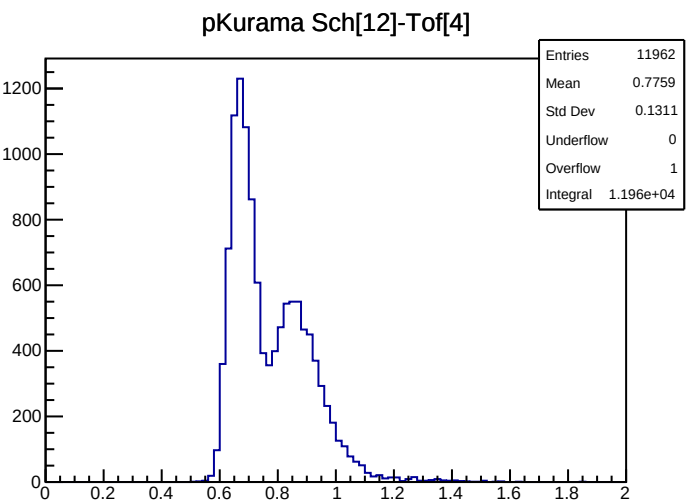

m2 Sch[12]-Tof[3]
Entries 8175
Mean 0.3522
Std Dev 0.3554
Underflow 14
Overflow 115
Integral 8046
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

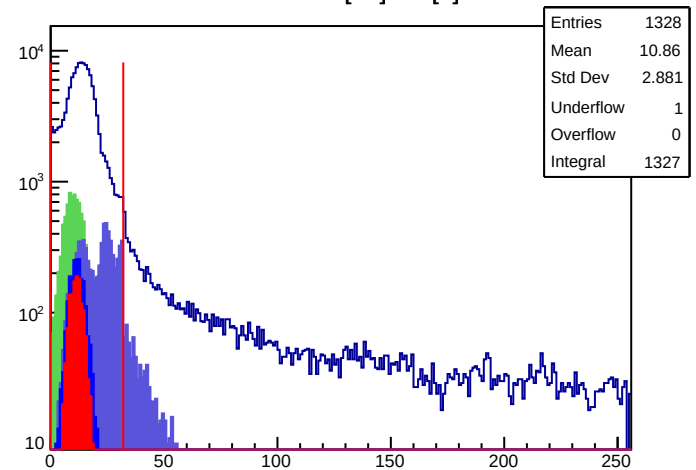

pKurama Sch[12]-Tof[3]
Entries 8175
Mean 0.7081
Std Dev 0.1385
Underflow 0
Overflow 0
Integral 8175
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

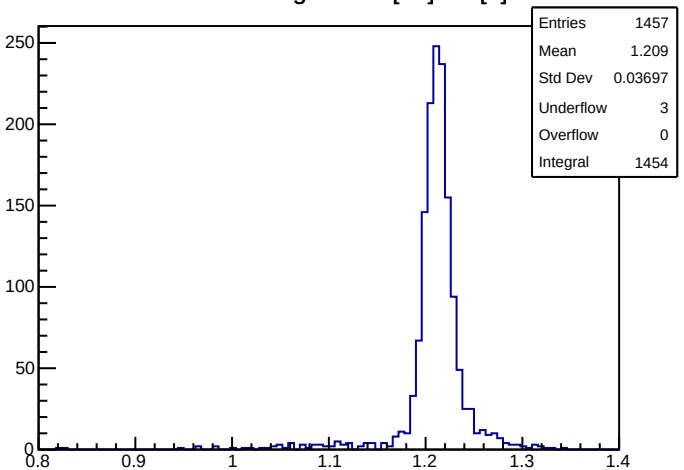

sftx all Sch[12]-Tof[4]
Entries 69
Mean 13.46
Std Dev 7.496
Underflow 0
Overflow 0
Integral 69

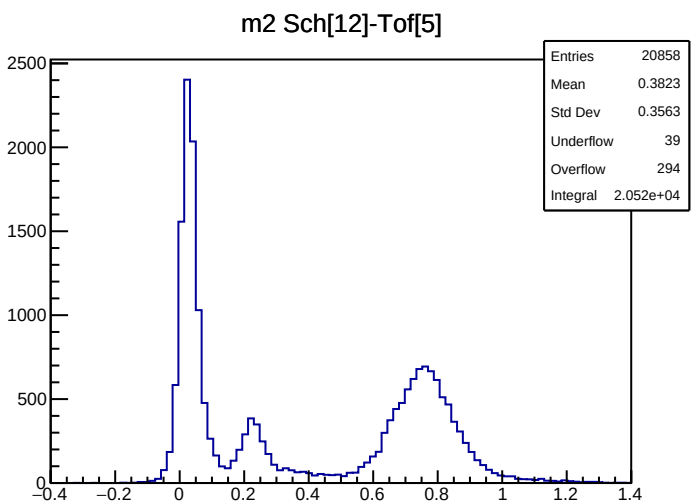

MissMass Sigma Sch[12]-Tof[4]
Entries 243
Mean 1.234
Std Dev 0.08242
Underflow 3
Overflow 0
Integral 240

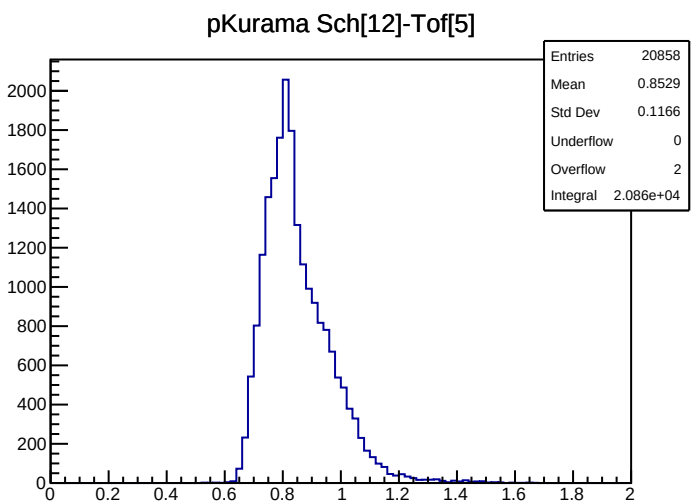

m2 Sch[12]-Tof[4]
Entries 11962
Mean 0.3707
Std Dev 0.3557
Underflow 23
Overflow 195
Integral 1.174e+04

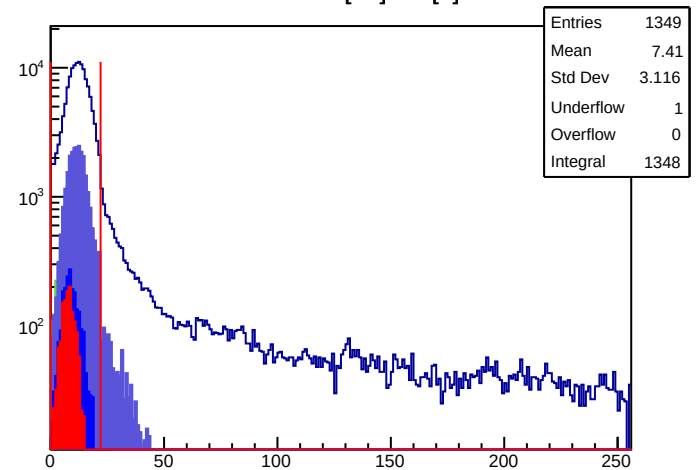

pKurama Sch[12]-Tof[4]
Entries 11962
Mean 0.7759
Std Dev 0.1311
Underflow 0
Overflow 1
Integral 1.196e+04

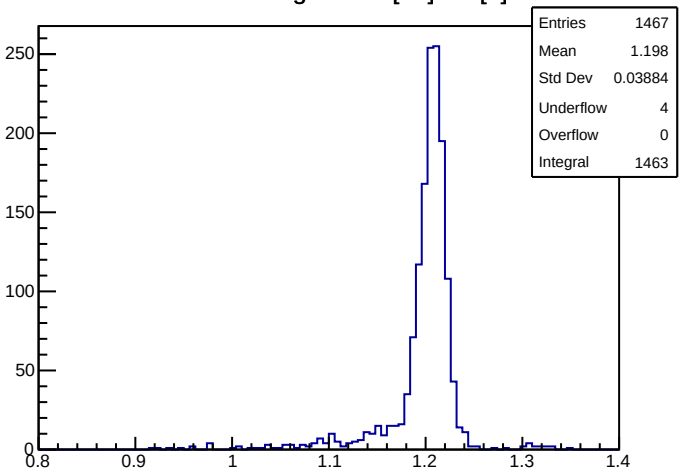

sftx all Sch[12]-Tof[5]
Entries 1328
Mean 10.86
Std Dev 2.881
Underflow 1
Overflow 0
Integral 1327

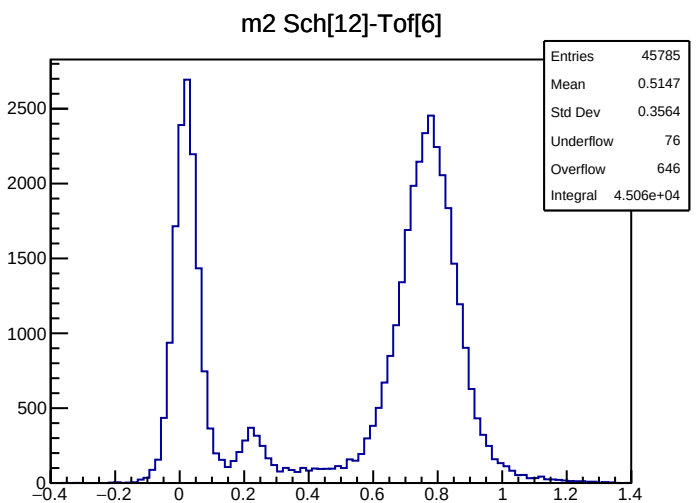

MissMass Sigma Sch[12]-Tof[5]
Entries 1457
Mean 1.209
Std Dev 0.03697
Underflow 3
Overflow 0
Integral 1454

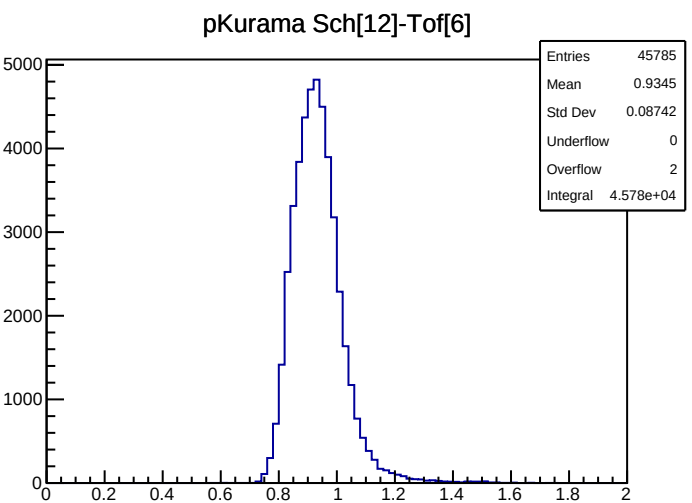

m2 Sch[12]-Tof[5]
Entries 20858
Mean 0.3823
Std Dev 0.3563
Underflow 39
Overflow 294
Integral 2.052e+04

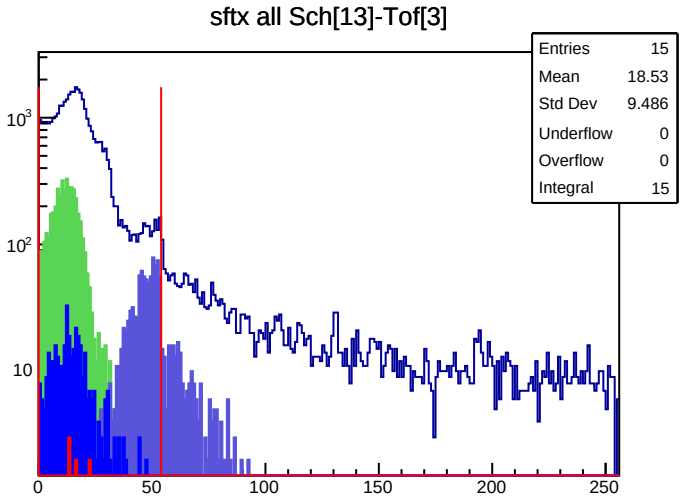

pKurama Sch[12]-Tof[5]
Entries 20858
Mean 0.8529
Std Dev 0.1166
Underflow 0
Overflow 2
Integral 2.086e+04

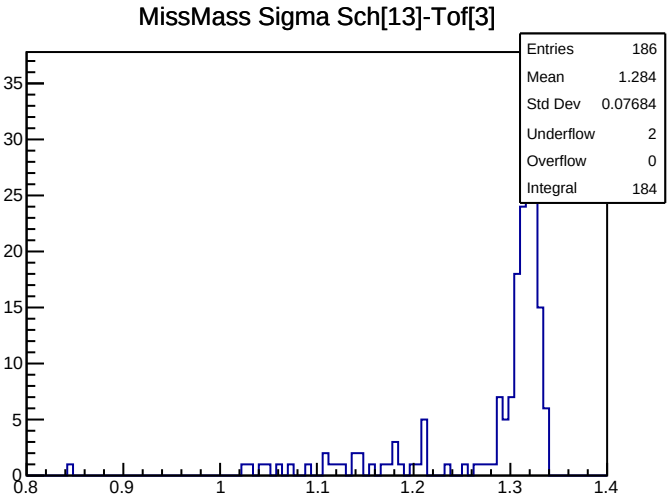

sftx all Sch[12]-Tof[6]
Entries 1349
Mean 7.41
Std Dev 3.116
Underflow 1
Overflow 0
Integral 1348

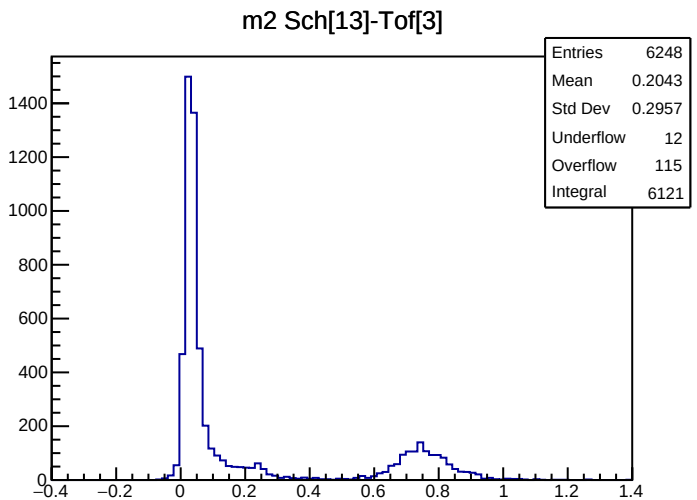

MissMass Sigma Sch[12]-Tof[6]
Entries 1467
Mean 1.198
Std Dev 0.03884
Underflow 4
Overflow 0
Integral 1463

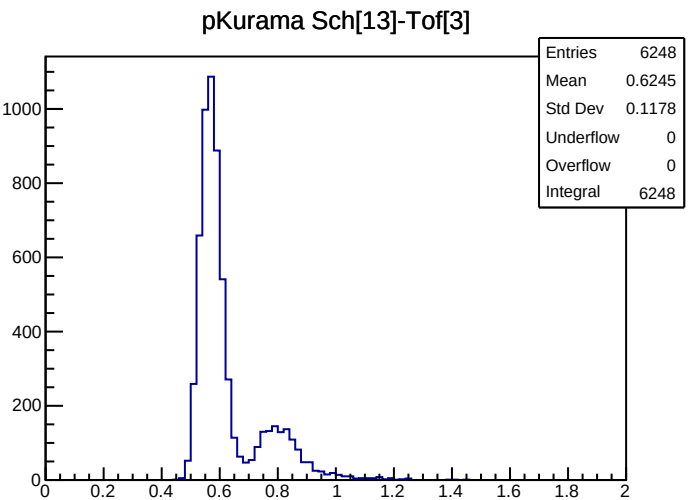

m2 Sch[12]-Tof[6]
Entries 45785
Mean 0.5147
Std Dev 0.3564
Underflow 76
Overflow 646
Integral 4.506e+04

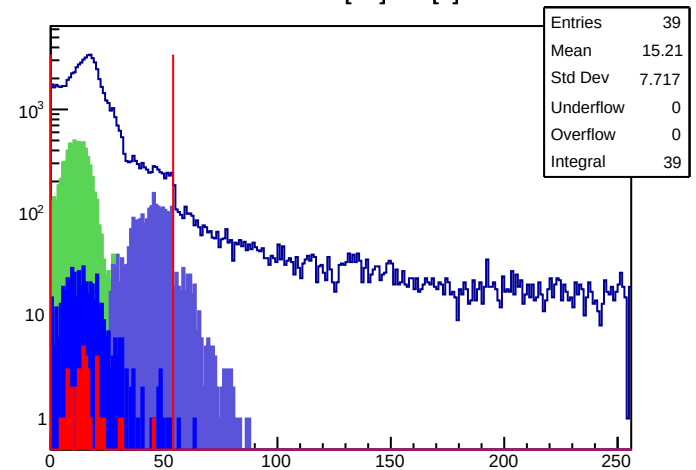

pKurama Sch[12]-Tof[6]
Entries 45785
Mean 0.9345
Std Dev 0.08742
Underflow 0
Overflow 2
Integral 4.578e+04

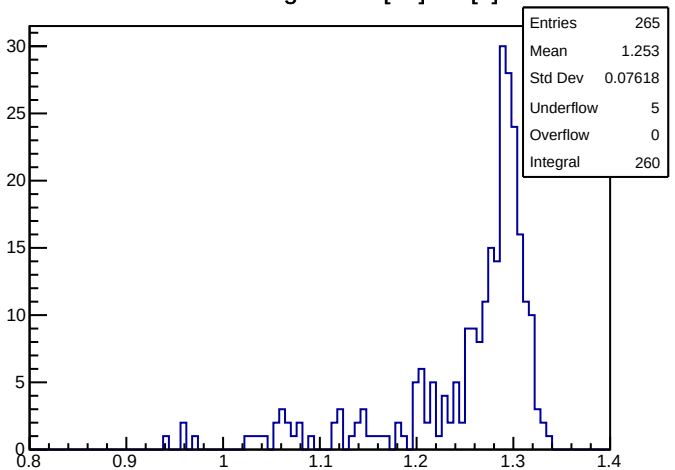

sftx all Sch[13]-Tof[3]
Entries 15
Mean 18.53
Std Dev 9.486
Underflow 0
Overflow 0
Integral 15
10^3
10^2
10
0
50
100
150
200
250

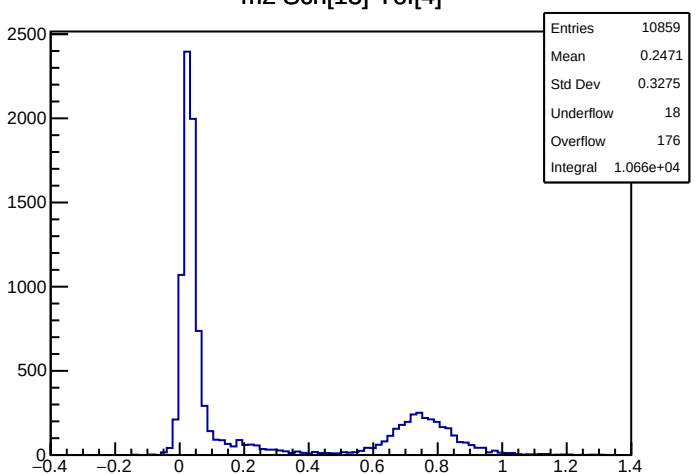

MissMass Sigma Sch[13]-Tof[3]
Entries 186
Mean 1.284
Std Dev 0.07684
Underflow 2
Overflow 0
Integral 184
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

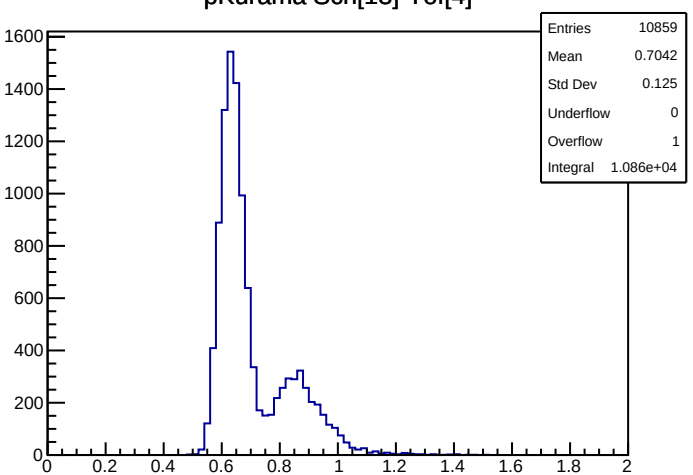

m2 Sch[13]-Tof[3]
Entries 6248
Mean 0.2043
Std Dev 0.2957
Underflow 12
Overflow 115
Integral 6121
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

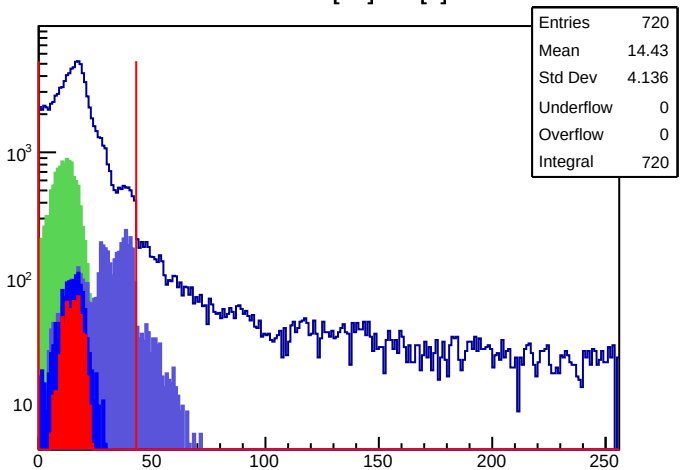

pKurama Sch[13]-Tof[3]
Entries 6248
Mean 0.6245
Std Dev 0.1178
Underflow 0
Overflow 0
Integral 6248
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

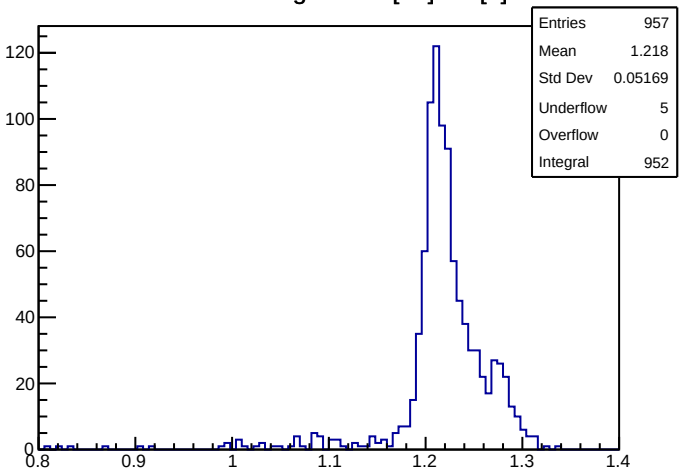

sftx all Sch[13]-Tof[4]
Entries 39
Mean 15.21
Std Dev 7.717
Underflow 0
Overflow 0
Integral 39

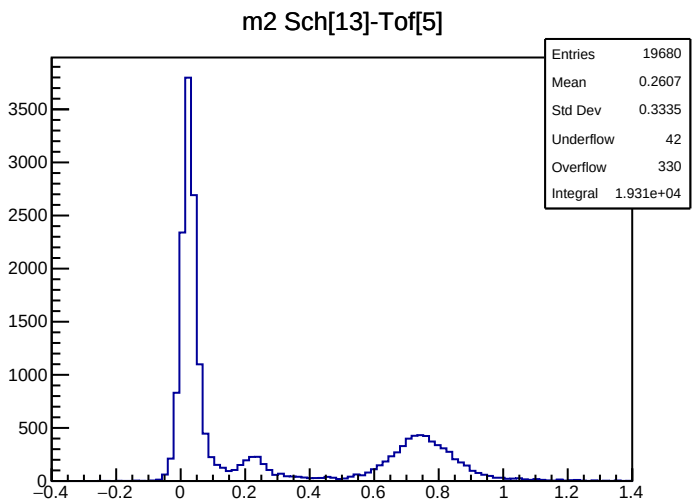

MissMass Sigma Sch[13]-Tof[4]
Entries 265
Mean 1.253
Std Dev 0.07618
Underflow 5
Overflow 0
Integral 260

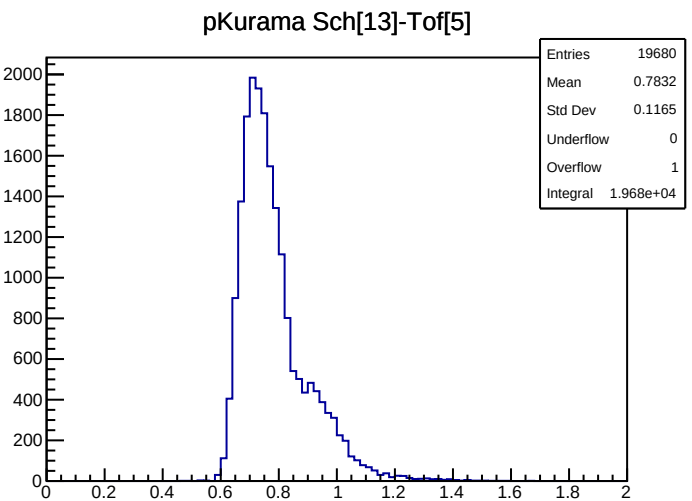

m2 Sch[13]-Tof[4]
Entries 10859
Mean 0.2471
Std Dev 0.3275
Underflow 18
Overflow 176
Integral 1.066e+04

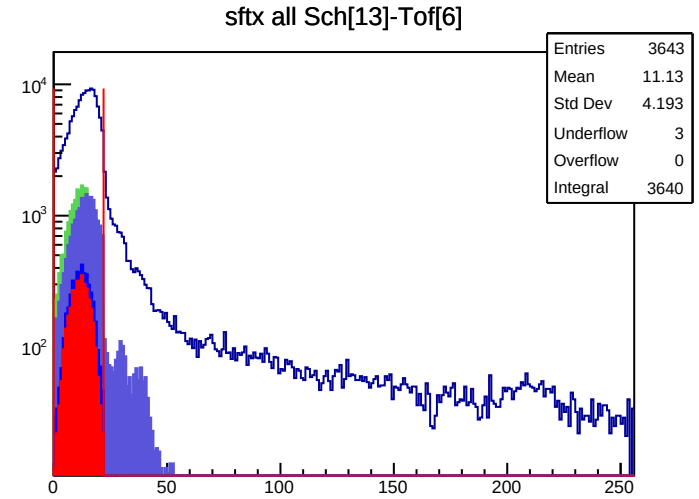

pKurama Sch[13]-Tof[4]
Entries 10859
Mean 0.7042
Std Dev 0.125
Underflow 0
Overflow 1
Integral 1.086e+04

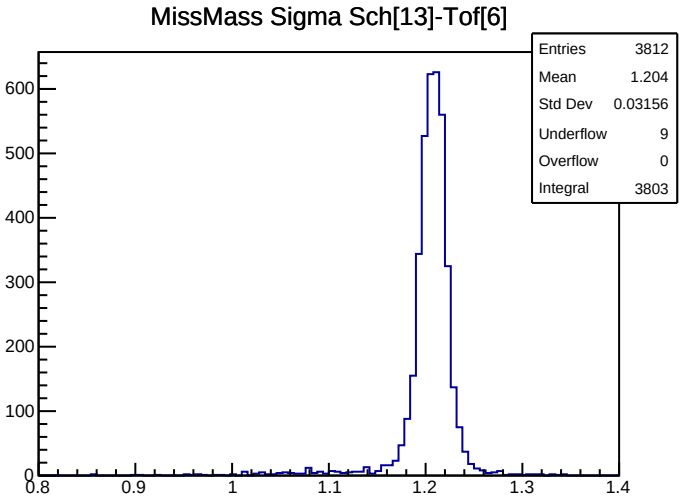

sftx all Sch[13]-Tof[5]
Entries 720
Mean 14.43
Std Dev 4.136
Underflow 0
Overflow 0
Integral 720
10^3
10^2
10
0
50
100
150
200
250

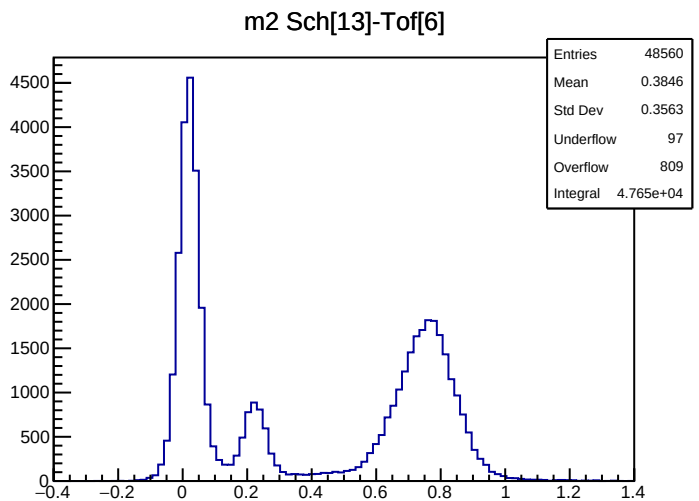

MissMass Sigma Sch[13]-Tof[5]
Entries 957
Mean 1.218
Std Dev 0.05169
Underflow 5
Overflow 0
Integral 952
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

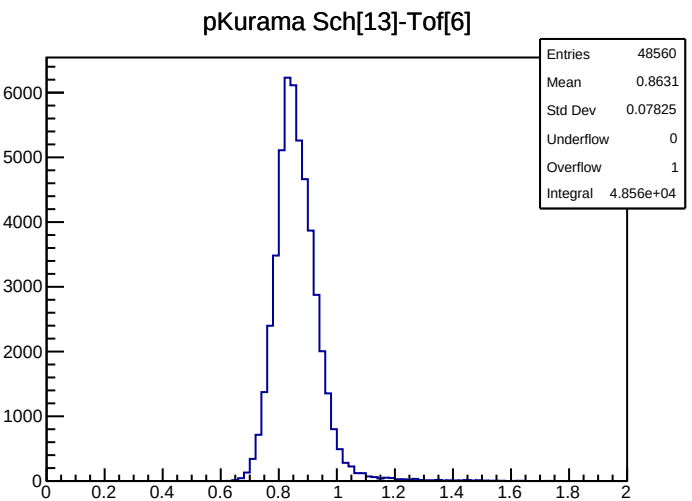

m2 Sch[13]-Tof[5]
Entries 19680
Mean 0.2607
Std Dev 0.3335
Underflow 42
Overflow 330
Integral 1.931e+04
3500
3000
2500
2000
1500
1000
500
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

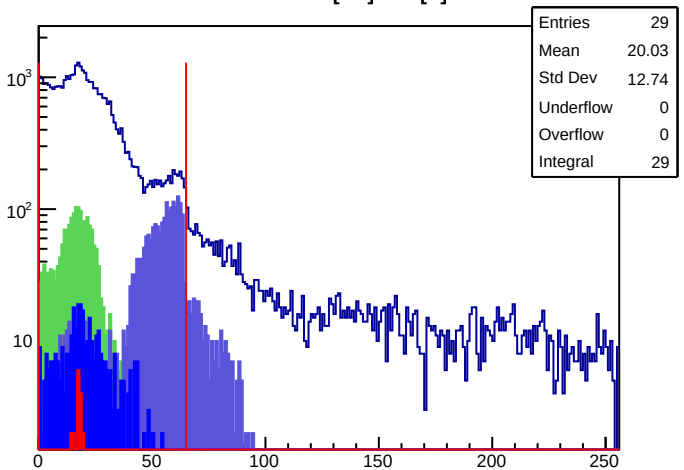

pKurama Sch[13]-Tof[5]
Entries 19680
Mean 0.7832
Std Dev 0.1165
Underflow 0
Overflow 1
Integral 1.968e+04
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

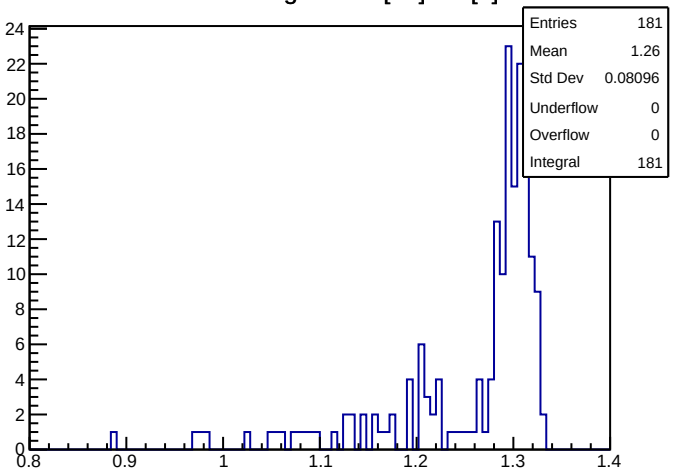

sftx all Sch[13]-Tof[6]
Entries 3643
Mean 11.13
Std Dev 4.193
Underflow 3
Overflow 0
Integral 3640

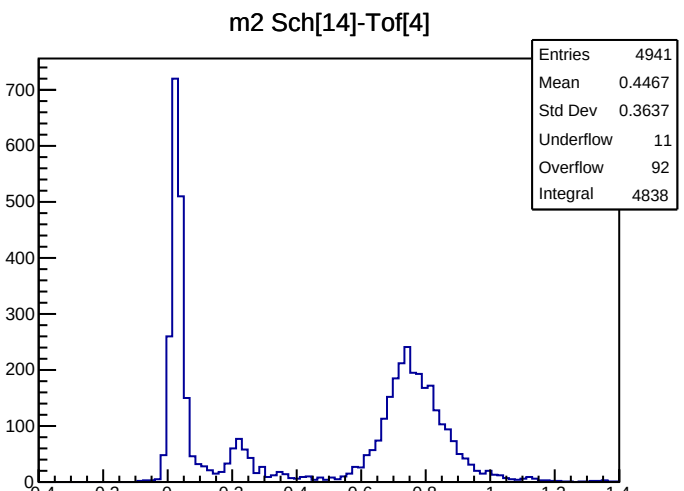

MissMass Sigma Sch[13]-Tof[6]
Entries 3812
Mean 1.204
Std Dev 0.03156
Underflow 9
Overflow 0
Integral 3803

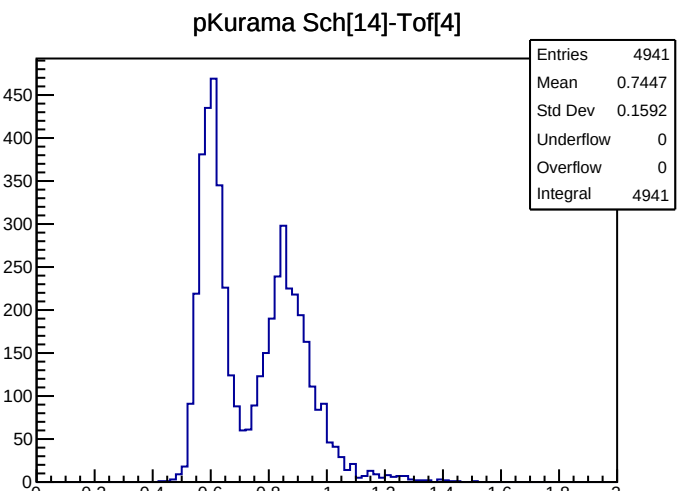

m2 Sch[13]-Tof[6]
Entries 48560
Mean 0.3846
Std Dev 0.3563
Underflow 97
Overflow 809
Integral 4.765e+04

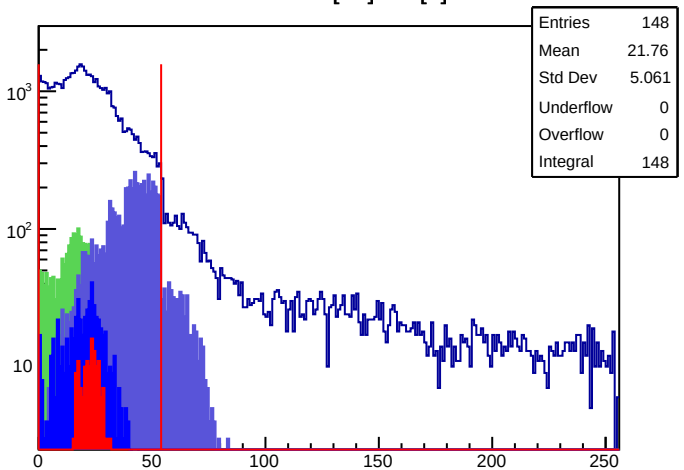

pKurama Sch[13]-Tof[6]
Entries 48560
Mean 0.8631
Std Dev 0.07825
Underflow 0
Overflow 1
Integral 4.856e+04

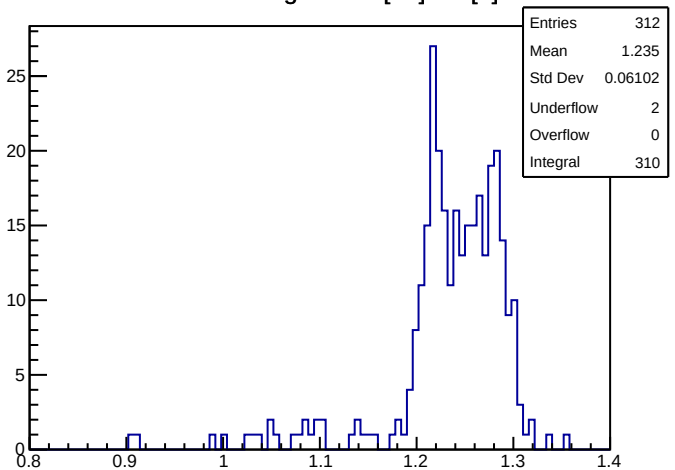

sftx all Sch[14]-Tof[4]
Entries 29
Mean 20.03
Std Dev 12.74
Underflow 0
Overflow 0
Integral 29
10^3
10^2
10
0
50
100
150
200
250

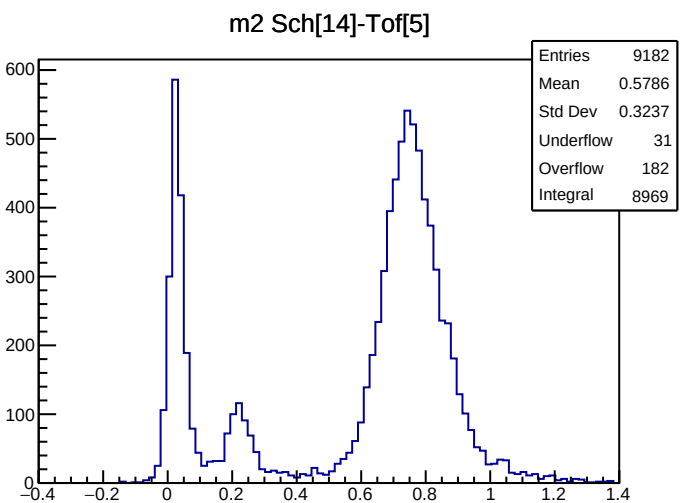

MissMass Sigma Sch[14]-Tof[4]
Entries 181
Mean 1.26
Std Dev 0.08096
Underflow 0
Overflow 0
Integral 181
24
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

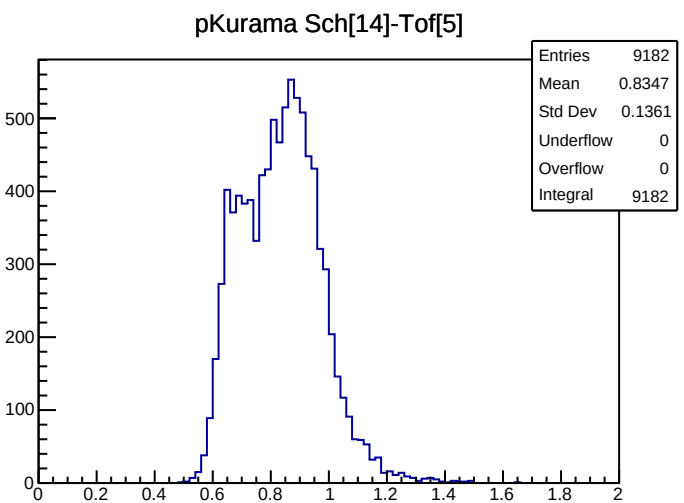

m2 Sch[14]-Tof[4]
Entries 4941
Mean 0.4467
Std Dev 0.3637
Underflow 11
Overflow 92
Integral 4838
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[14]-Tof[4]
Entries 4941
Mean 0.7447
Std Dev 0.1592
Underflow 0
Overflow 0
Integral 4941
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

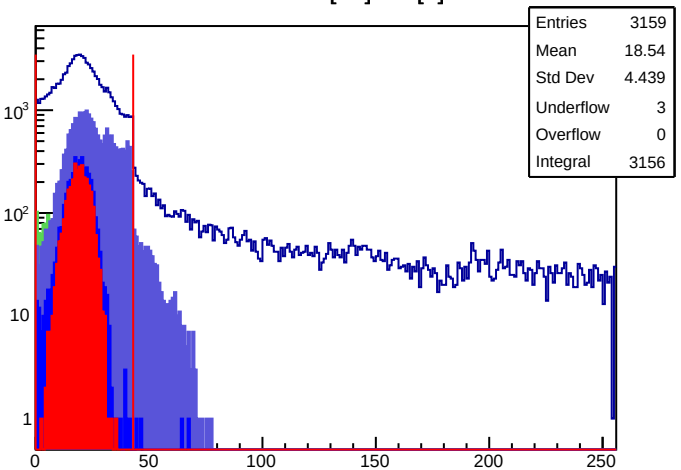

sftx all Sch[14]-Tof[5]
Entries 148
Mean 21.76
Std Dev 5.061
Underflow 0
Overflow 0
Integral 148


MissMass Sigma Sch[14]-Tof[5]
Entries 312
Mean 1.235
Std Dev 0.06102
Underflow 2
Overflow 0
Integral 310

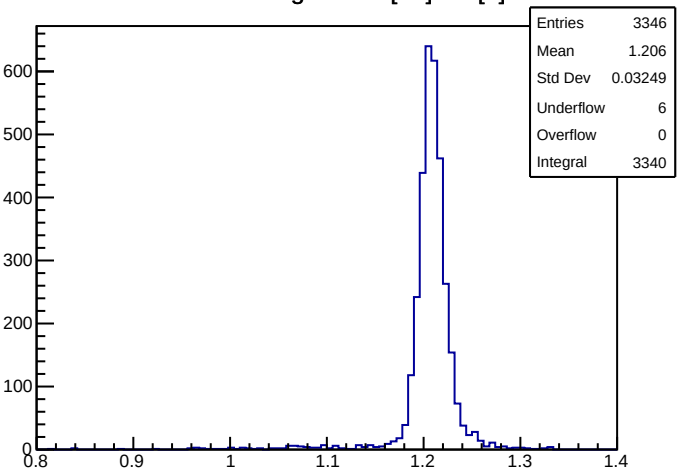

m2 Sch[14]-Tof[5]
Entries 9182
Mean 0.5786
Std Dev 0.3237
Underflow 31
Overflow 182
Integral 8969


pKurama Sch[14]-Tof[5]
Entries 9182
Mean 0.8347
Std Dev 0.1361
Underflow 0
Overflow 0
Integral 9182

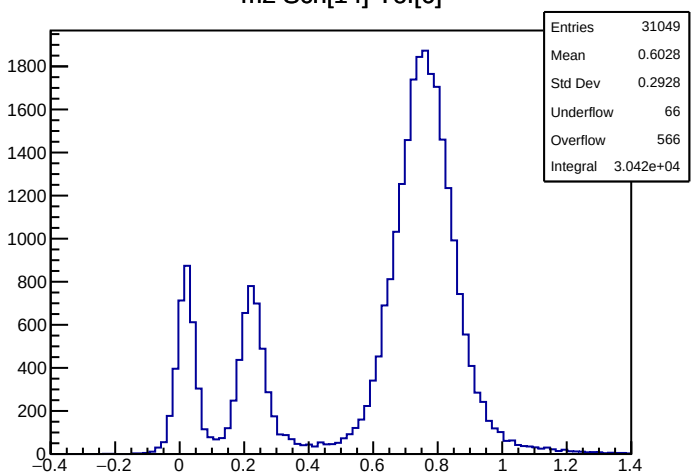
sftx all Sch[14]-Tof[6]



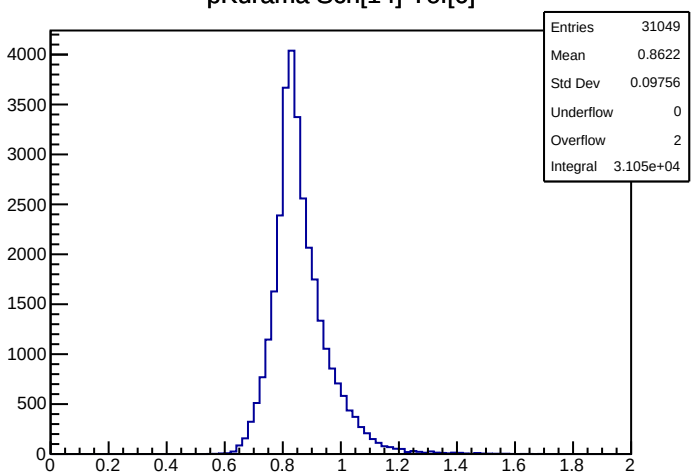
MissMass Sigma Sch[14]-Tof[6]

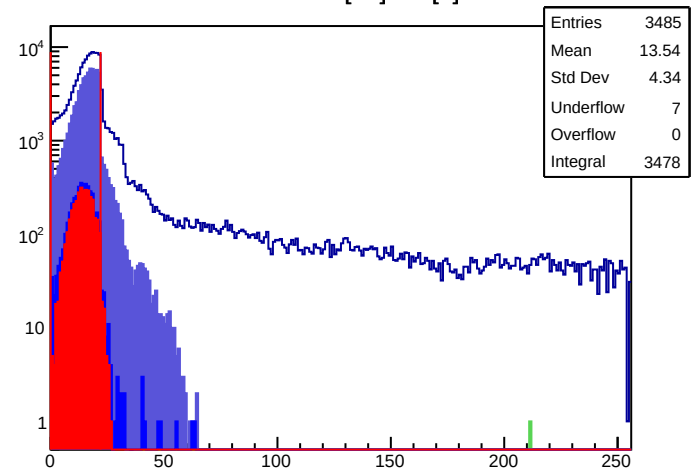


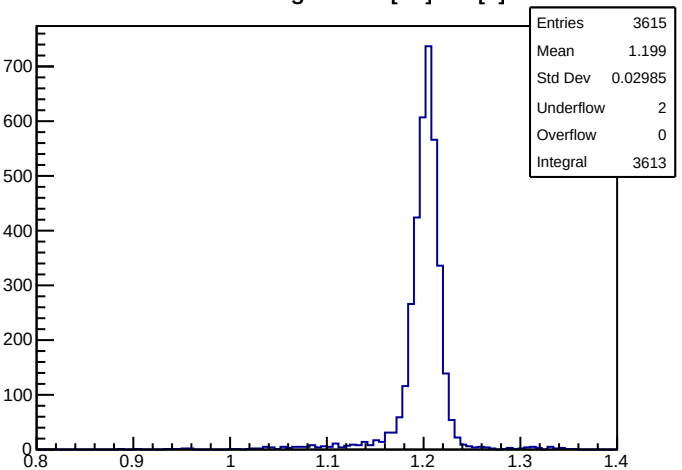
m2 Sch[14]-Tof[6]

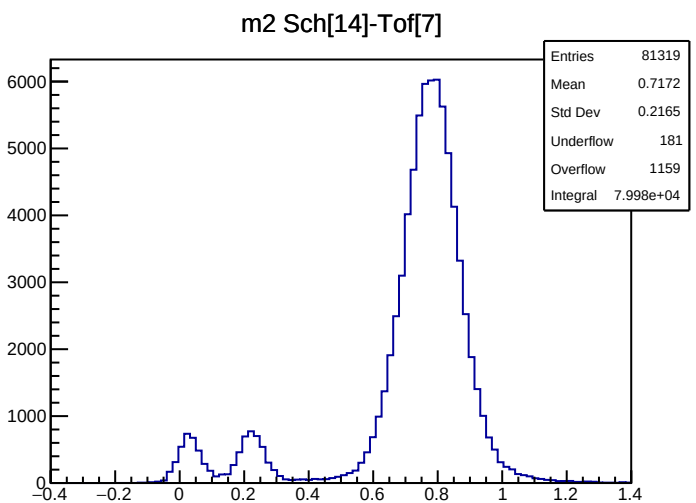


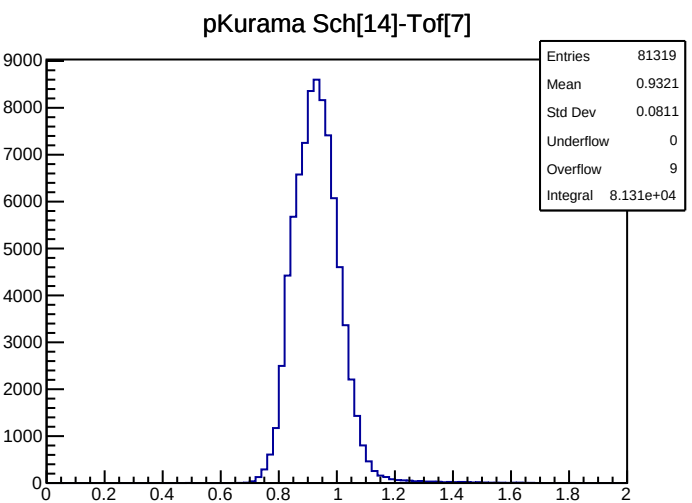
pKurama Sch[14]-Tof[6]

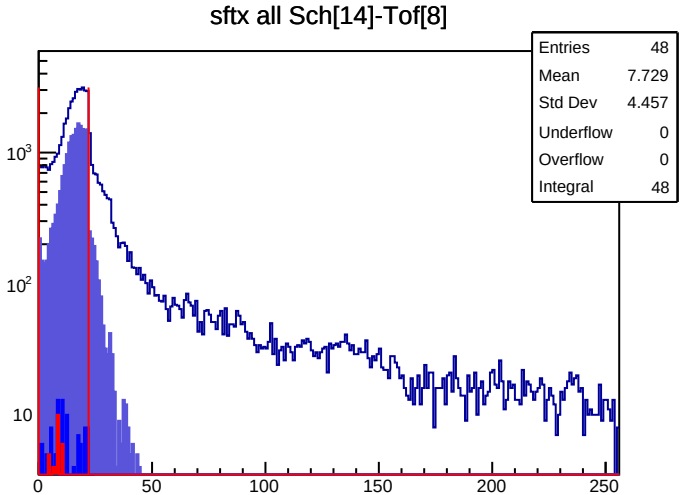


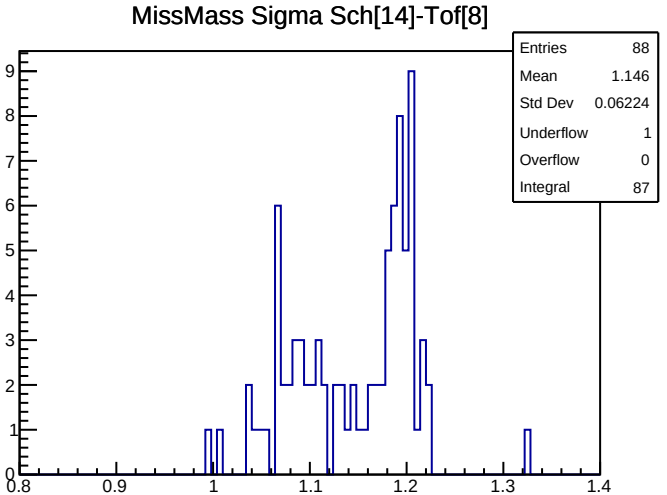

sftx all Sch[14]-Tof[7]
Entries 3485
Mean 13.54
Std Dev 4.34
Underflow 7
Overflow 0
Integral 3478

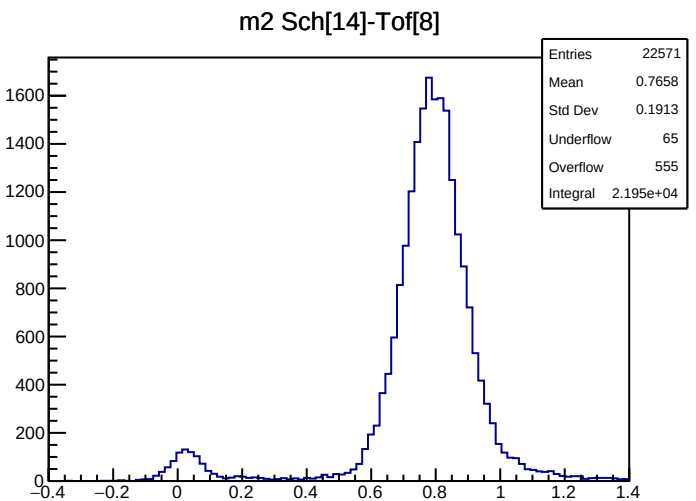

MissMass Sigma Sch[14]-Tof[7]
Entries 3615
Mean 1.199
Std Dev 0.02985
Underflow 2
Overflow 0
Integral 3613

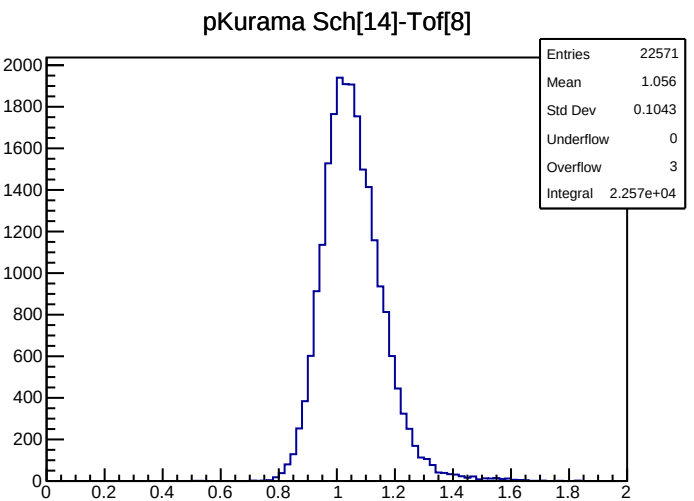

m2 Sch[14]-Tof[7]
Entries 81319
Mean 0.7172
Std Dev 0.2165
Underflow 181
Overflow 1159
Integral 7.998e+04

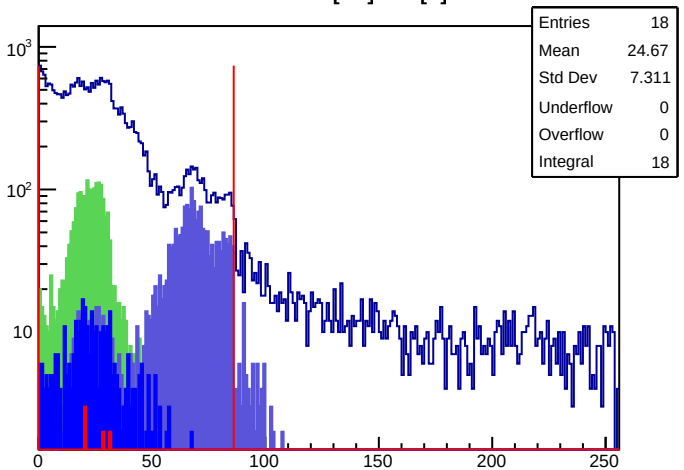

pKurama Sch[14]-Tof[7]
Entries 81319
Mean 0.9321
Std Dev 0.0811
Underflow 0
Overflow 9
Integral 8.131e+04

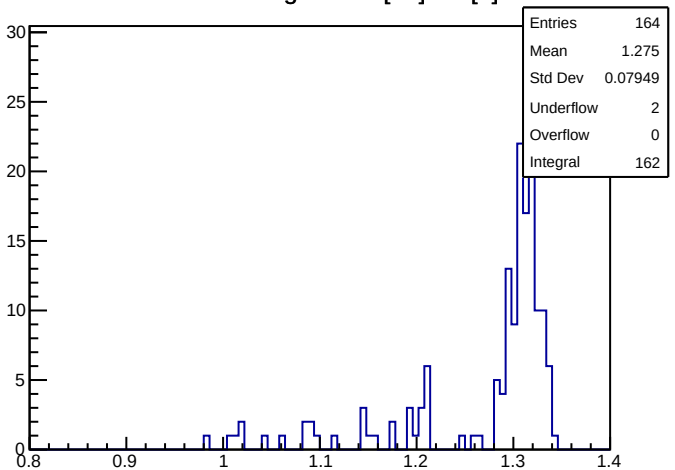

sftx all Sch[14]-Tof[8]
Entries 48
Mean 7.729
Std Dev 4.457
Underflow 0
Overflow 0
Integral 48

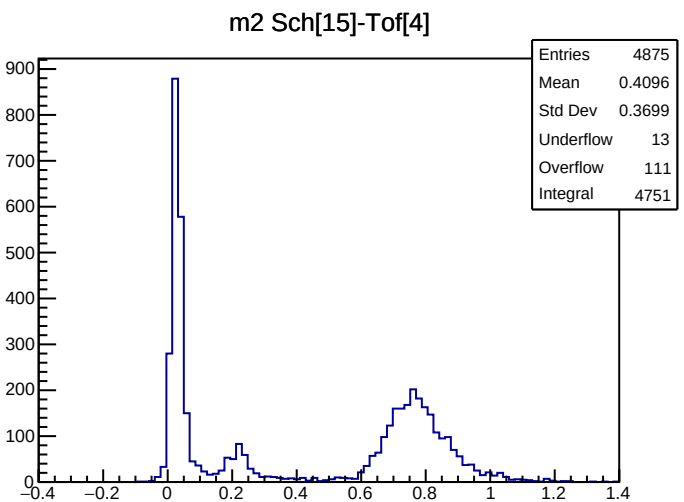

MissMass Sigma Sch[14]-Tof[8]
Entries 88
Mean 1.146
Std Dev 0.06224
Underflow 1
Overflow 0
Integral 87

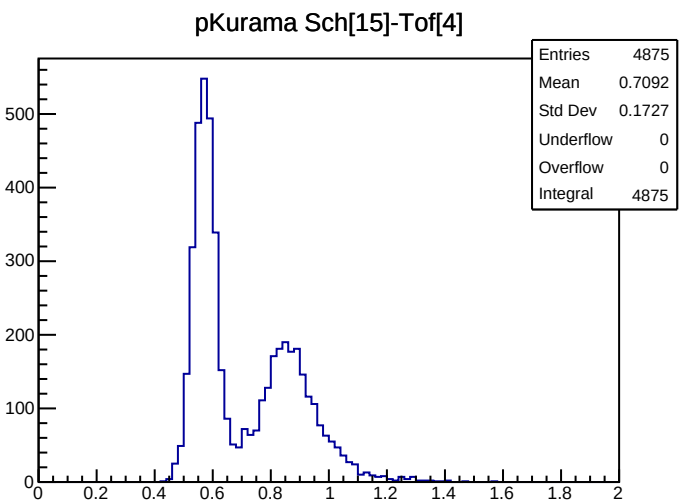

m2 Sch[14]-Tof[8]
Entries 22571
Mean 0.7658
Std Dev 0.1913
Underflow 65
Overflow 555
Integral 2.195e+04

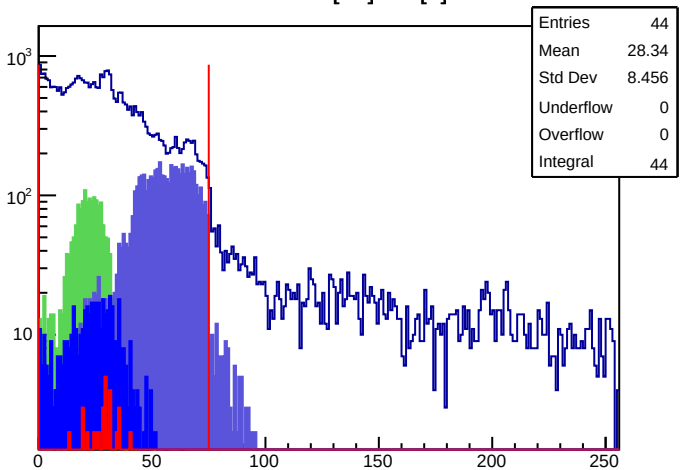

pKurama Sch[14]-Tof[8]
Entries 22571
Mean 1.056
Std Dev 0.1043
Underflow 0
Overflow 3
Integral 2.257e+04

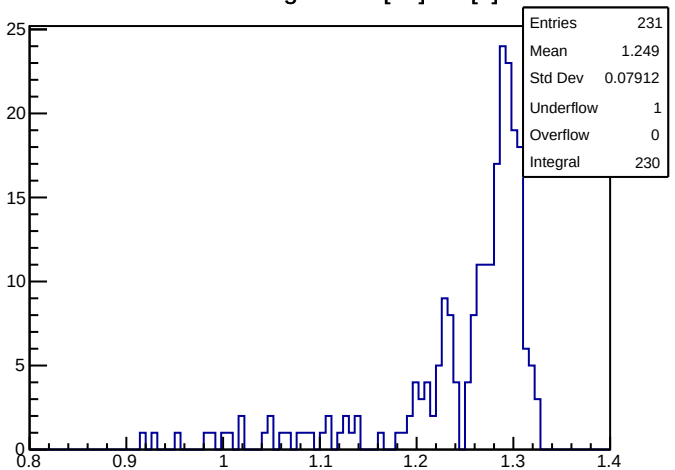

sftx all Sch[15]-Tof[4]
Entries 18
Mean 24.67
Std Dev 7.311
Underflow 0
Overflow 0
Integral 18

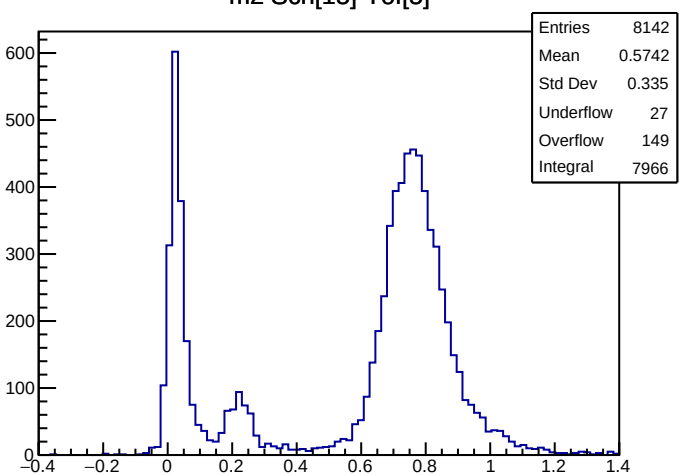

MissMass Sigma Sch[15]-Tof[4]
Entries 164
Mean 1.275
Std Dev 0.07949
Underflow 2
Overflow 0
Integral 162

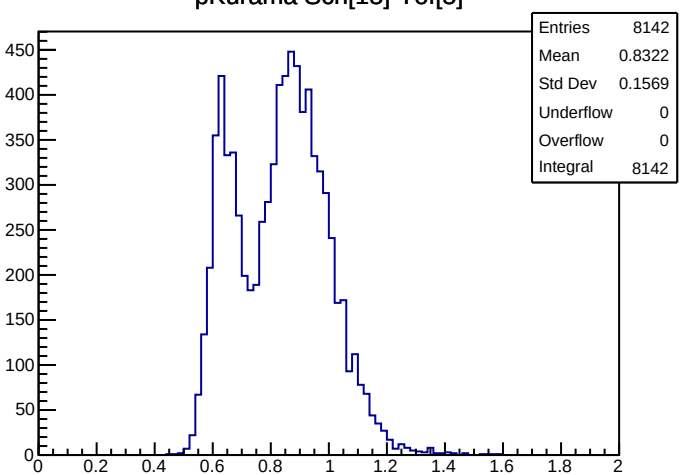

m2 Sch[15]-Tof[4]
Entries 4875
Mean 0.4096
Std Dev 0.3699
Underflow 13
Overflow 111
Integral 4751

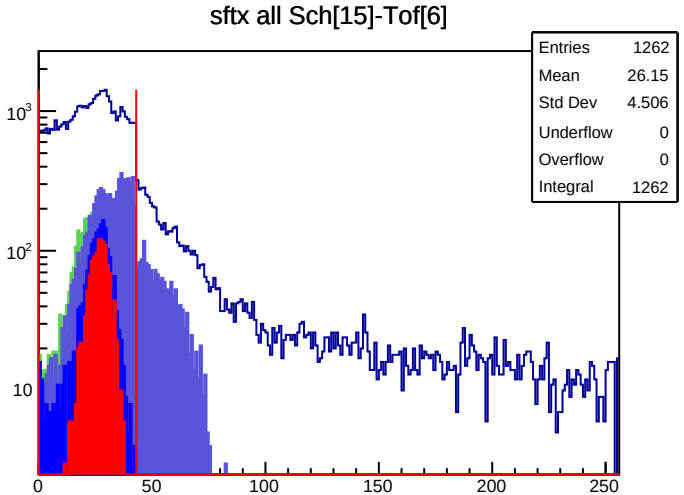

pKurama Sch[15]-Tof[4]
Entries 4875
Mean 0.7092
Std Dev 0.1727
Underflow 0
Overflow 0
Integral 4875

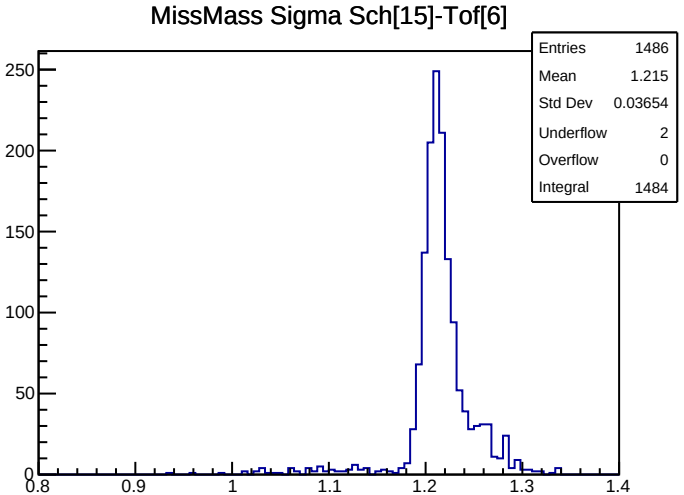

sftx all Sch[15]-Tof[5]
Entries 44
Mean 28.34
Std Dev 8.456
Underflow 0
Overflow 0
Integral 44

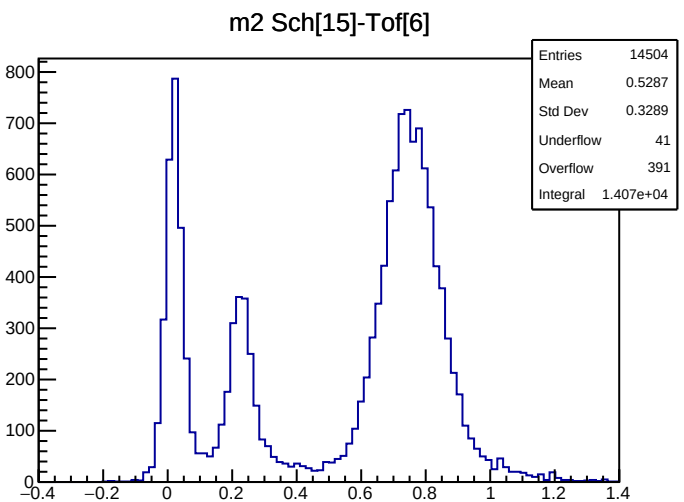

MissMass Sigma Sch[15]-Tof[5]
Entries 231
Mean 1.249
Std Dev 0.07912
Underflow 1
Overflow 0
Integral 230

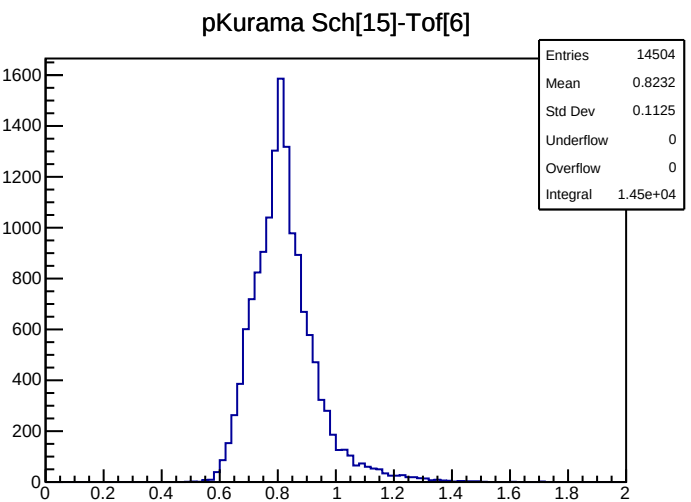

m2 Sch[15]-Tof[5]
Entries 8142
Mean 0.5742
Std Dev 0.335
Underflow 27
Overflow 149
Integral 7966

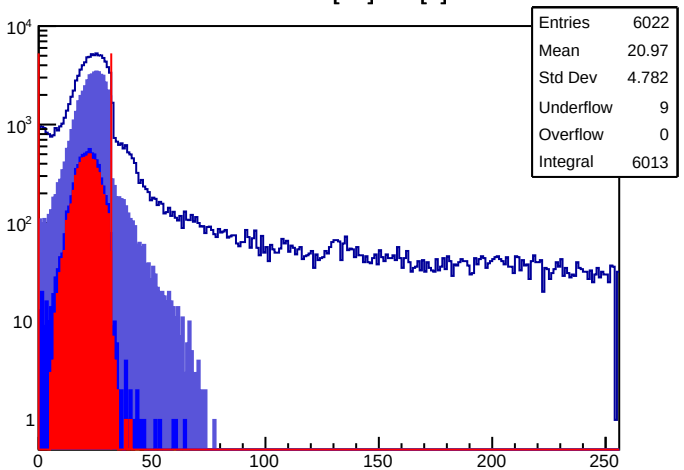

pKurama Sch[15]-Tof[5]
Entries 8142
Mean 0.8322
Std Dev 0.1569
Underflow 0
Overflow 0
Integral 8142

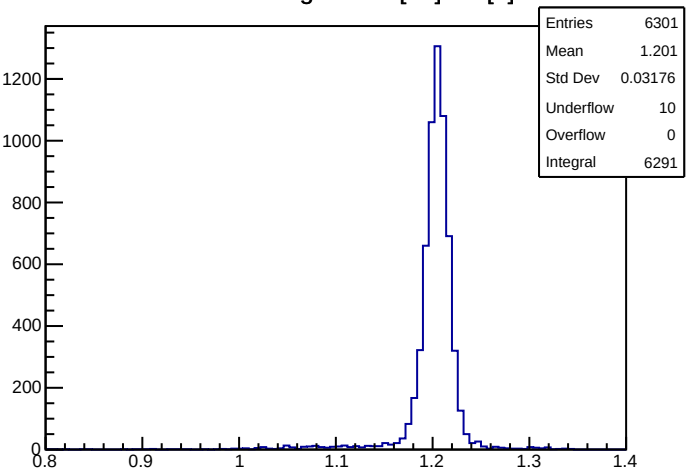

sftx all Sch[15]-Tof[6]
Entries 1262
Mean 26.15
Std Dev 4.506
Underflow 0
Overflow 0
Integral 1262

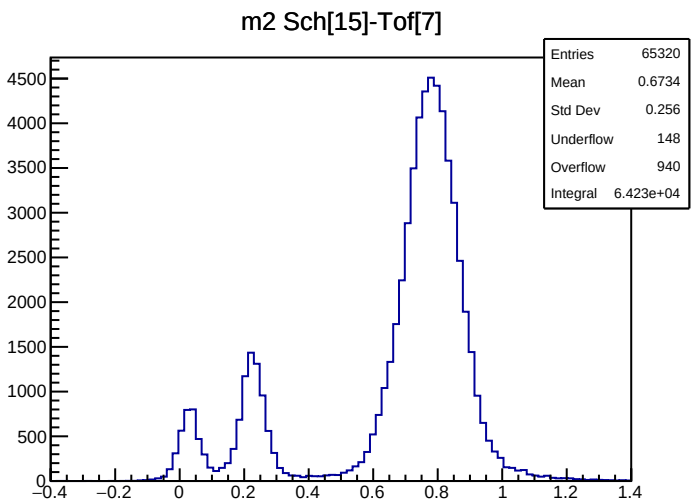

MissMass Sigma Sch[15]-Tof[6]
Entries 1486
Mean 1.215
Std Dev 0.03654
Underflow 2
Overflow 0
Integral 1484

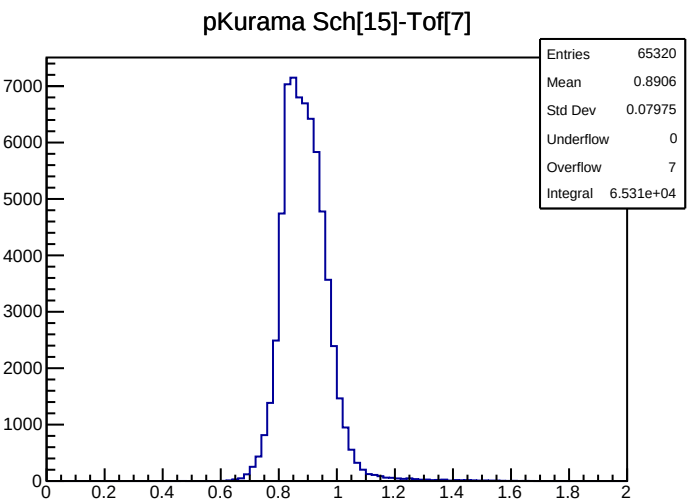

m2 Sch[15]-Tof[6]
Entries 14504
Mean 0.5287
Std Dev 0.3289
Underflow 41
Overflow 391
Integral 1.407e+04

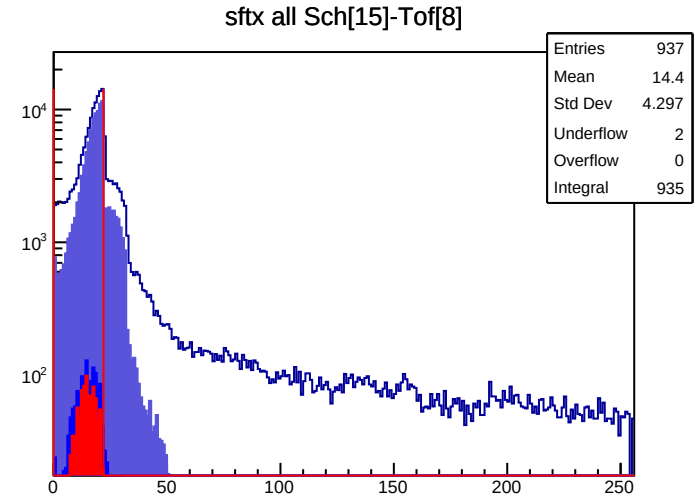

pKurama Sch[15]-Tof[6]
Entries 14504
Mean 0.8232
Std Dev 0.1125
Underflow 0
Overflow 0
Integral 1.45e+04

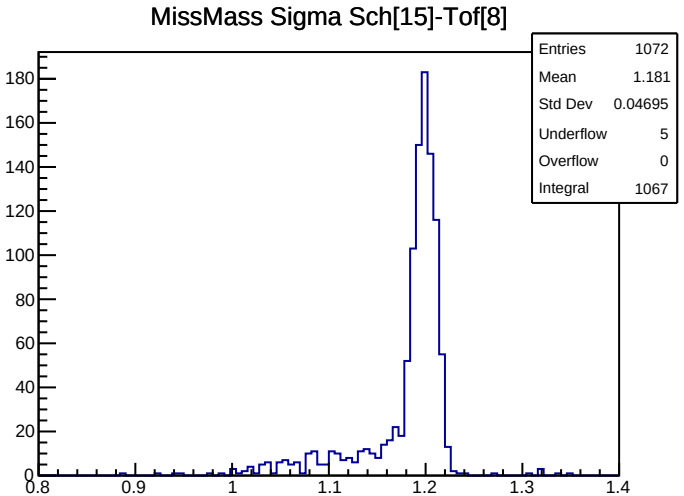

sftx all Sch[15]-Tof[7]
Entries 6022
Mean 20.97
Std Dev 4.782
Underflow 9
Overflow 0
Integral 6013

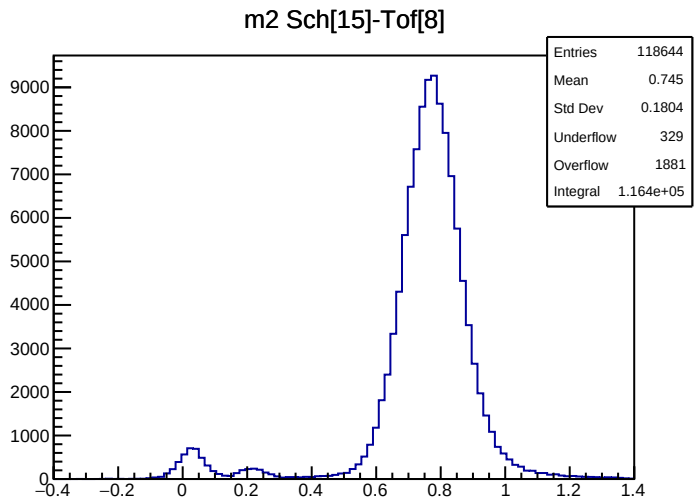

MissMass Sigma Sch[15]-Tof[7]
Entries 6301
Mean 1.201
Std Dev 0.03176
Underflow 10
Overflow 0
Integral 6291

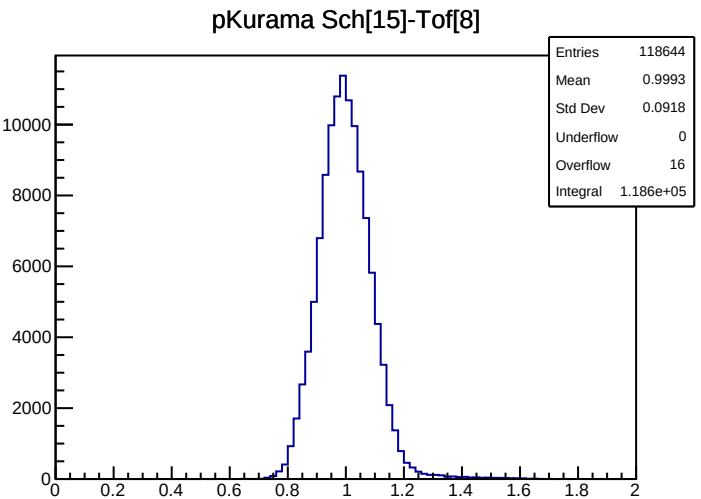

m2 Sch[15]-Tof[7]
Entries 65320
Mean 0.6734
Std Dev 0.256
Underflow 148
Overflow 940
Integral 6.423e+04

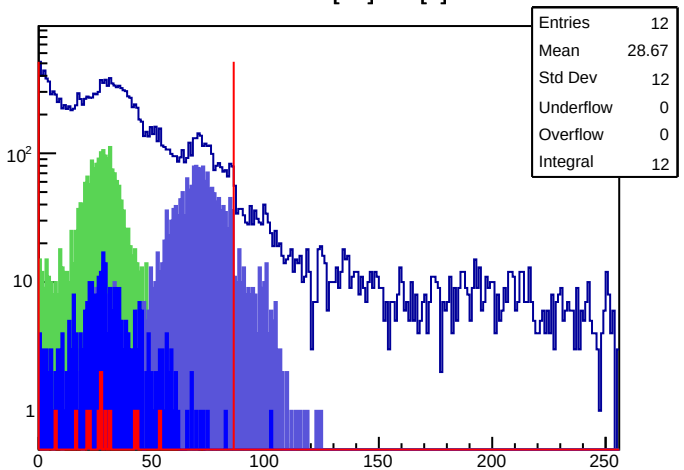

pKurama Sch[15]-Tof[7]
Entries 65320
Mean 0.8906
Std Dev 0.07975
Underflow 0
Overflow 7
Integral 6.531e+04

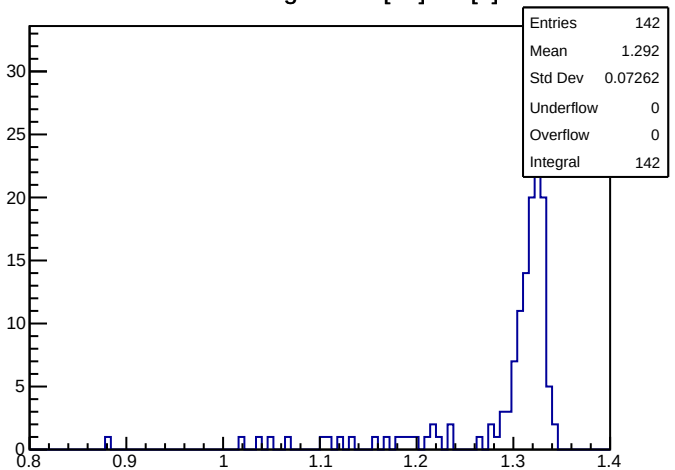

sftx all Sch[15]-Tof[8]
Entries 937
Mean 14.4
Std Dev 4.297
Underflow 2
Overflow 0
Integral 935

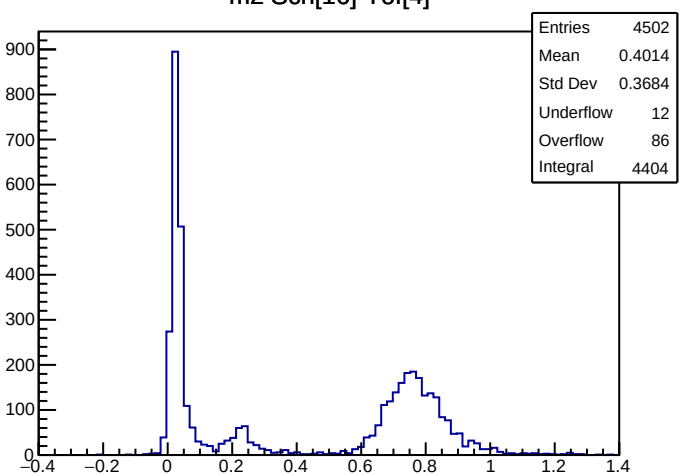

MissMass Sigma Sch[15]-Tof[8]
Entries 1072
Mean 1.181
Std Dev 0.04695
Underflow 5
Overflow 0
Integral 1067

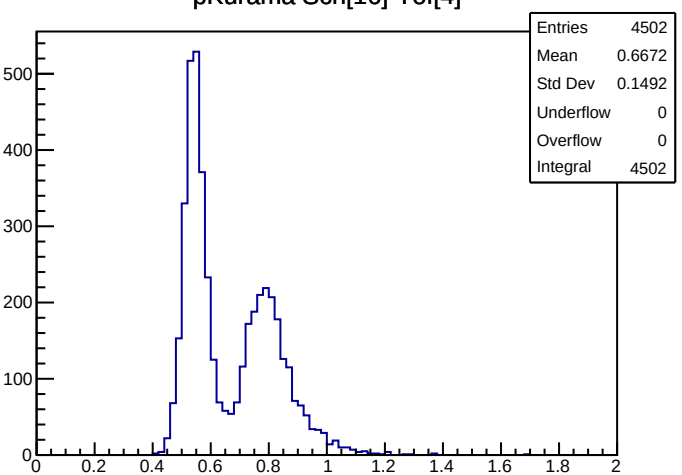

m2 Sch[15]-Tof[8]
Entries 118644
Mean 0.745
Std Dev 0.1804
Underflow 329
Overflow 1881
Integral 1.164e+05

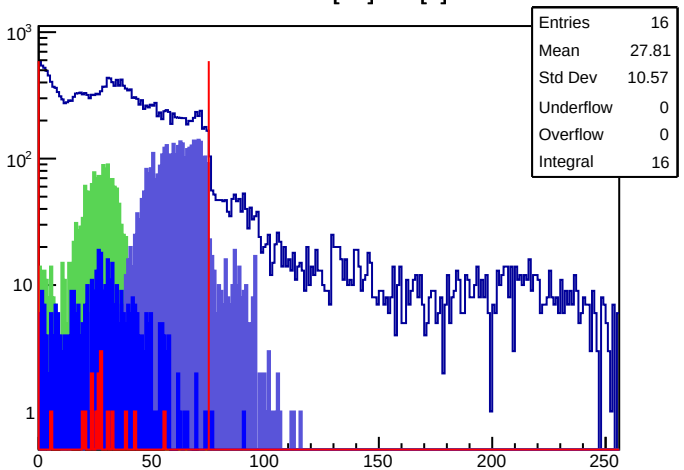

pKurama Sch[15]-Tof[8]
Entries 118644
Mean 0.9993
Std Dev 0.0918
Underflow 0
Overflow 16
Integral 1.186e+05

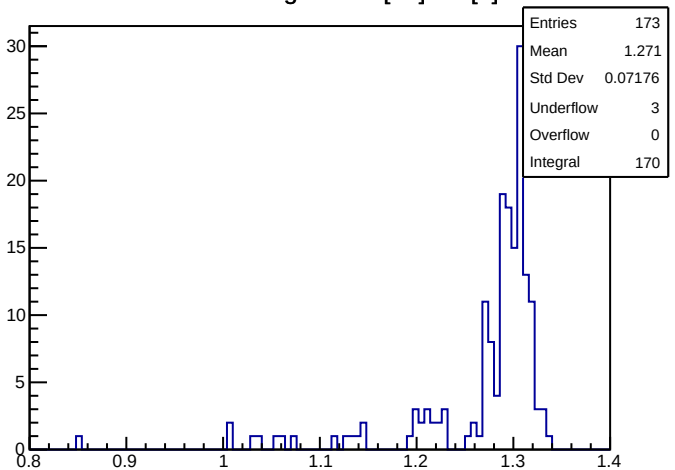

sftx all Sch[16]-Tof[4]
Entries 12
Mean 28.67
Std Dev 12
Underflow 0
Overflow 0
Integral 12
10^2
10
1
0
50
100
150
200
250

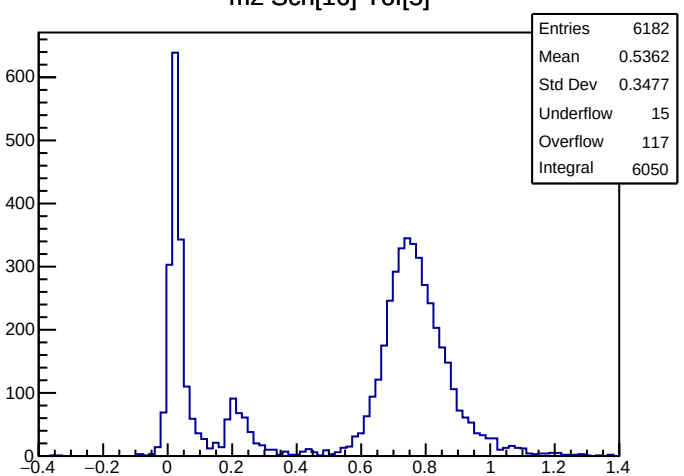

MissMass Sigma Sch[16]-Tof[4]
Entries 142
Mean 1.292
Std Dev 0.07262
Underflow 0
Overflow 0
Integral 142
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

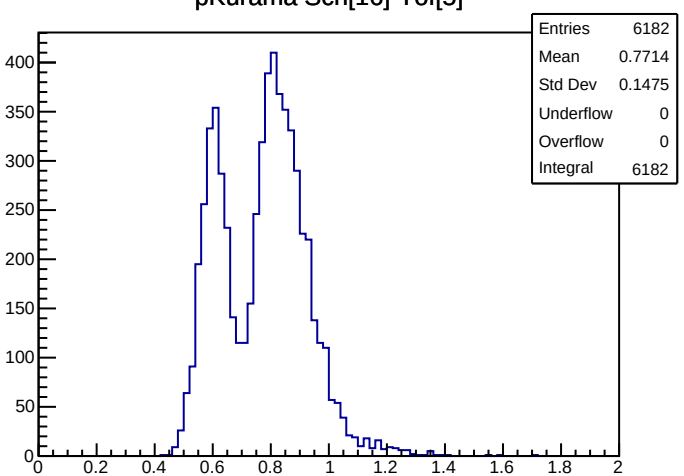

m2 Sch[16]-Tof[4]
Entries 4502
Mean 0.4014
Std Dev 0.3684
Underflow 12
Overflow 86
Integral 4404
900
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

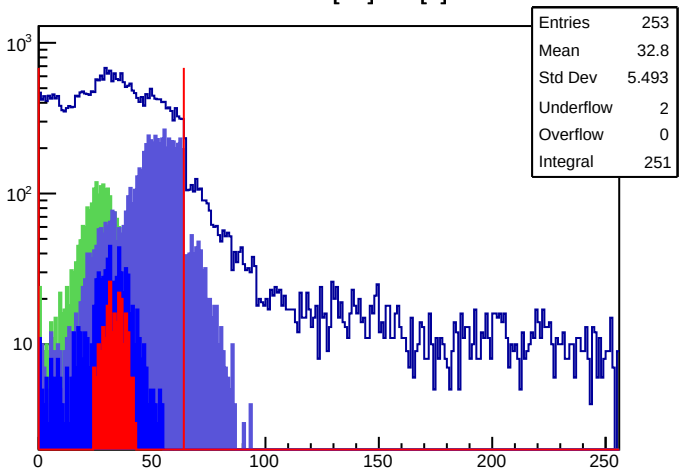

pKurama Sch[16]-Tof[4]
Entries 4502
Mean 0.6672
Std Dev 0.1492
Underflow 0
Overflow 0
Integral 4502
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

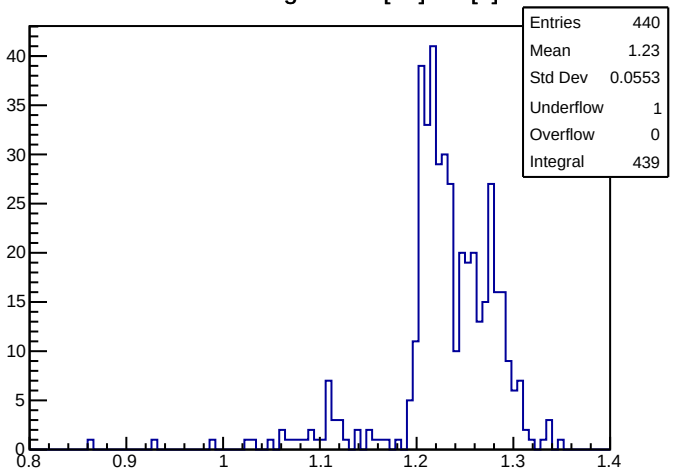

sftx all Sch[16]-Tof[5]
Entries 16
Mean 27.81
Std Dev 10.57
Underflow 0
Overflow 0
Integral 16

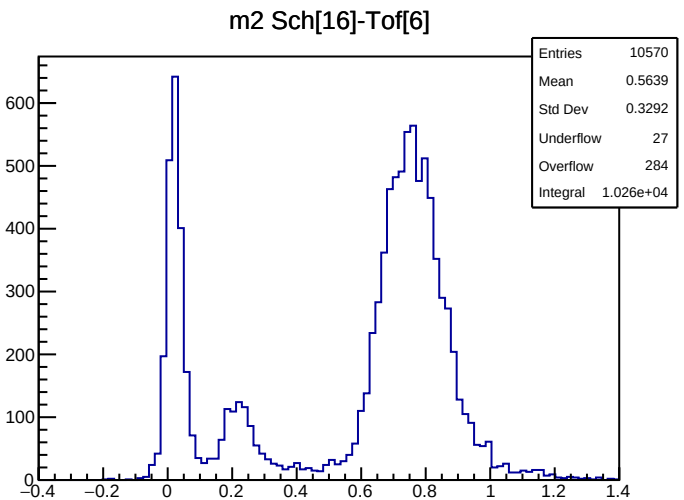

MissMass Sigma Sch[16]-Tof[5]
Entries 173
Mean 1.271
Std Dev 0.07176
Underflow 3
Overflow 0
Integral 170

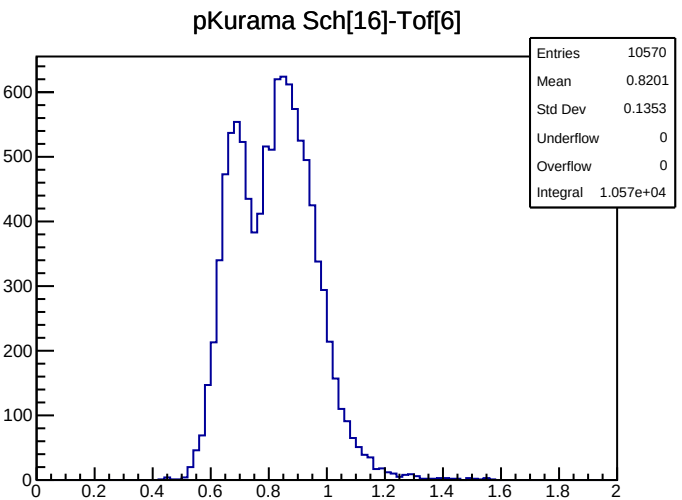

m2 Sch[16]-Tof[5]
Entries 6182
Mean 0.5362
Std Dev 0.3477
Underflow 15
Overflow 117
Integral 6050

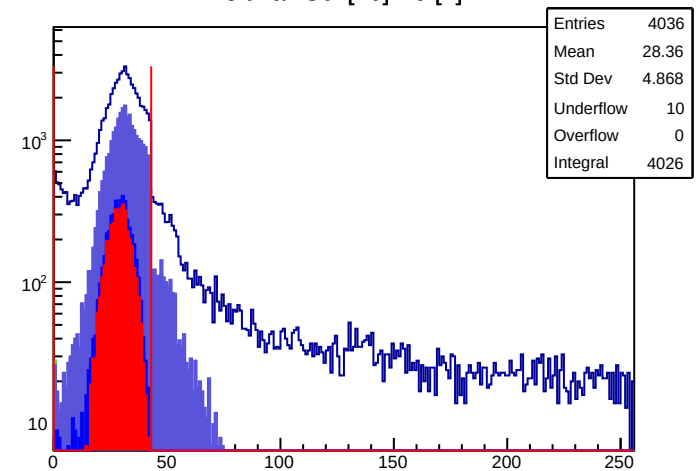

pKurama Sch[16]-Tof[5]
Entries 6182
Mean 0.7714
Std Dev 0.1475
Underflow 0
Overflow 0
Integral 6182

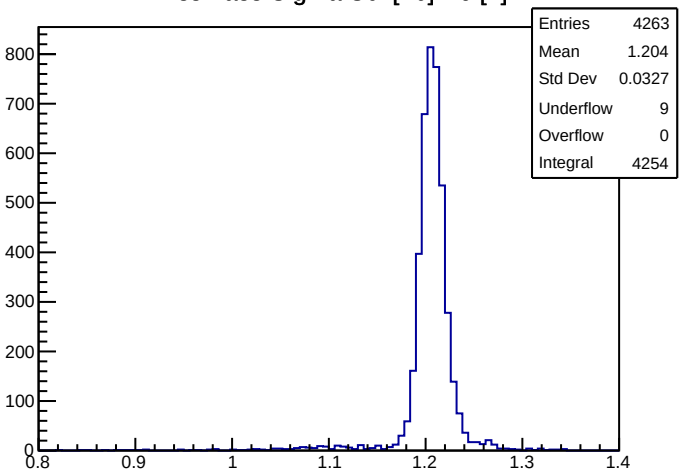

sftx all Sch[16]-Tof[6]
Entries 253
Mean 32.8
Std Dev 5.493
Underflow 2
Overflow 0
Integral 251

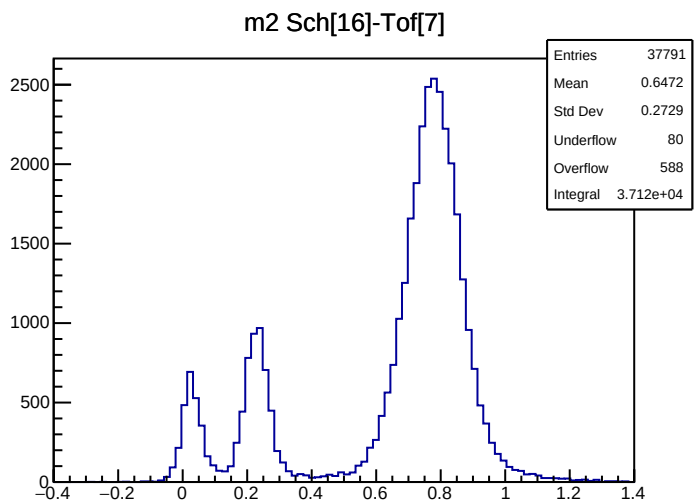

MissMass Sigma Sch[16]-Tof[6]
Entries 440
Mean 1.23
Std Dev 0.0553
Underflow 1
Overflow 0
Integral 439

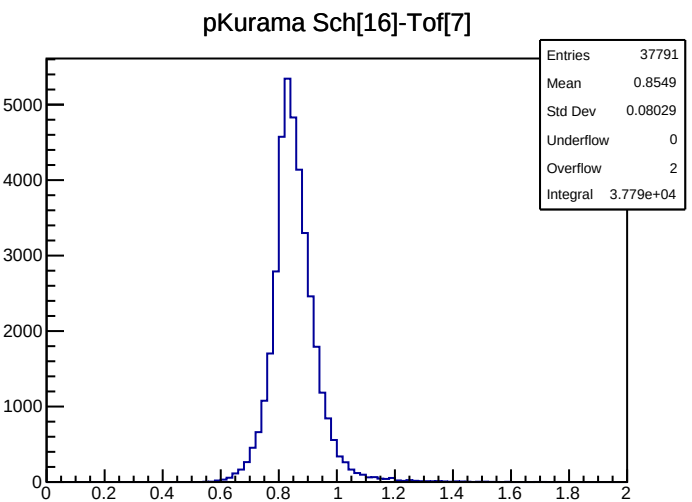

m2 Sch[16]-Tof[6]
Entries 10570
Mean 0.5639
Std Dev 0.3292
Underflow 27
Overflow 284
Integral 1.026e+04

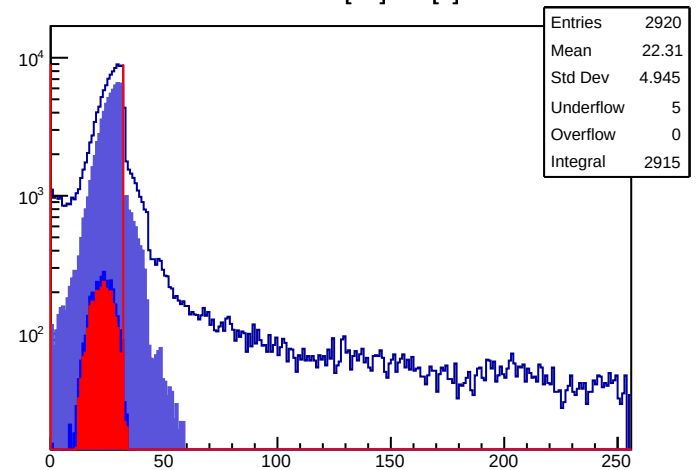

pKurama Sch[16]-Tof[6]
Entries 10570
Mean 0.8201
Std Dev 0.1353
Underflow 0
Overflow 0
Integral 1.057e+04

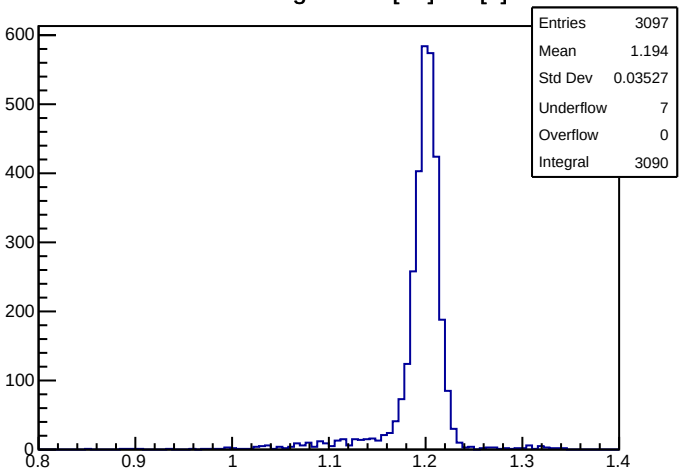

sftx all Sch[16]-Tof[7]
Entries 4036
Mean 28.36
Std Dev 4.868
Underflow 10
Overflow 0
Integral 4026
10^3
10^2
10
0
50
100
150
200
250

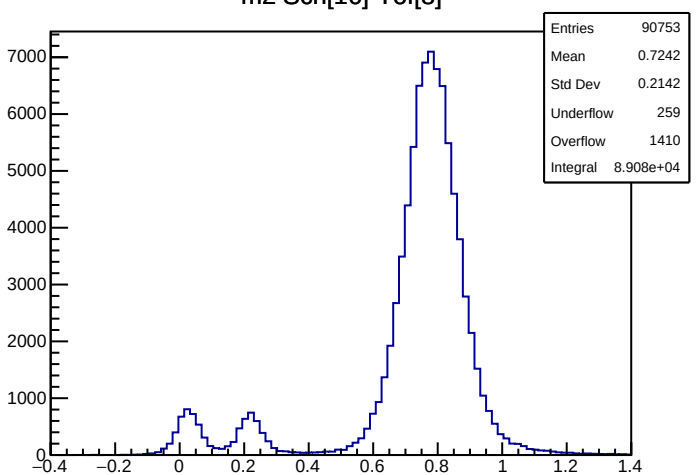

MissMass Sigma Sch[16]-Tof[7]
Entries 4263
Mean 1.204
Std Dev 0.0327
Underflow 9
Overflow 0
Integral 4254
800
700
600
500
400
300
200
100
0
0.8
0.9
1
1.1
1.2
1.3
1.4

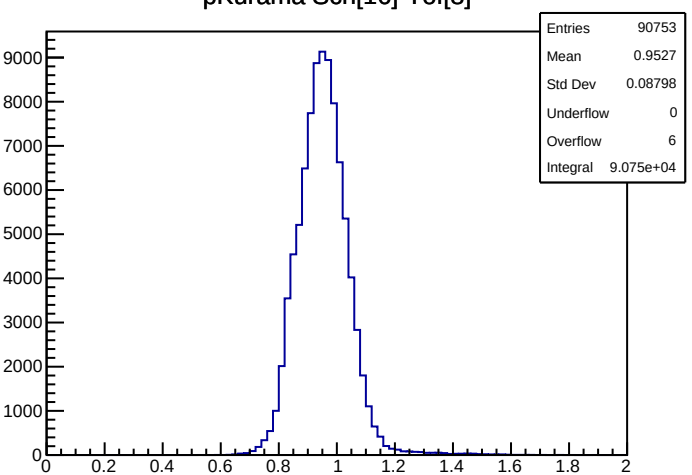

m2 Sch[16]-Tof[7]
Entries 37791
Mean 0.6472
Std Dev 0.2729
Underflow 80
Overflow 588
Integral 3.712e+04
2500
2000
1500
1000
500
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

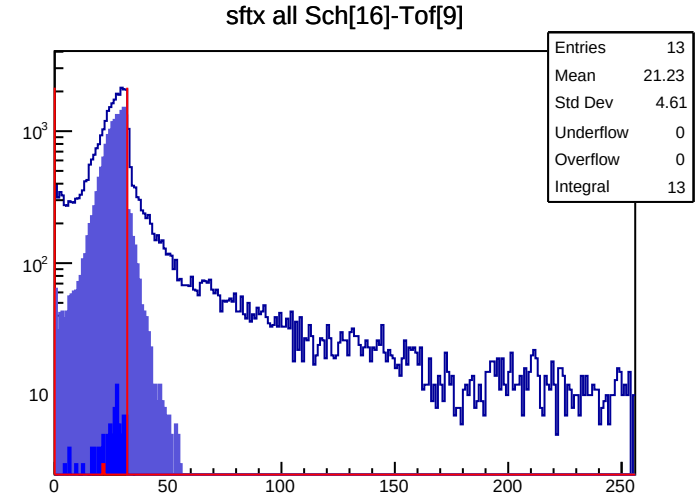

pKurama Sch[16]-Tof[7]
Entries 37791
Mean 0.8549
Std Dev 0.08029
Underflow 0
Overflow 2
Integral 3.779e+04
5000
4000
3000
2000
1000
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

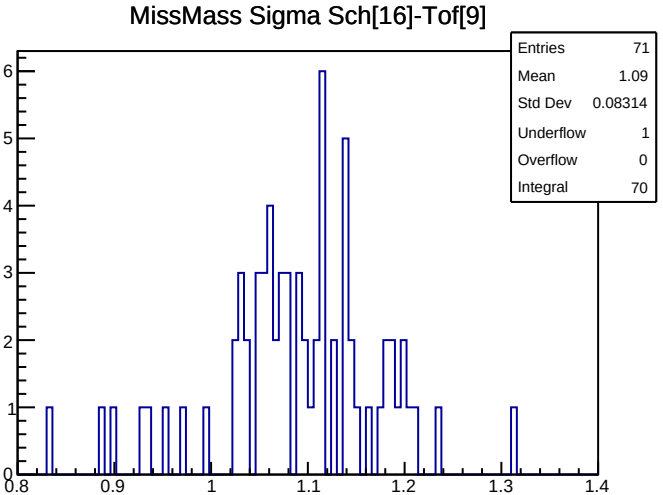

sftx all Sch[16]-Tof[8]
Entries 2920
Mean 22.31
Std Dev 4.945
Underflow 5
Overflow 0
Integral 2915

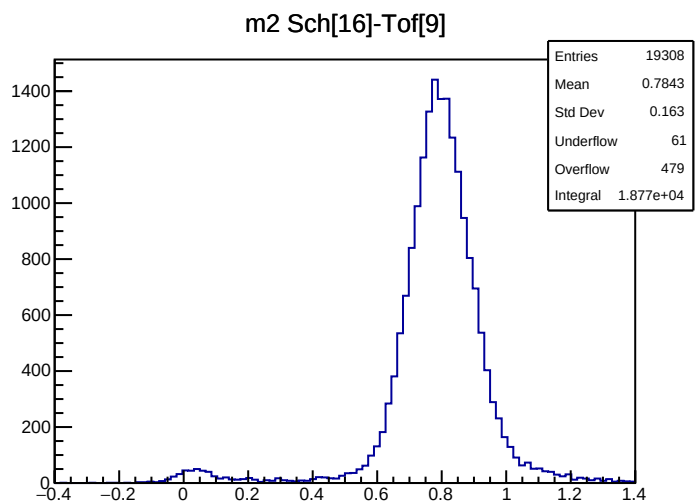

MissMass Sigma Sch[16]-Tof[8]
Entries 3097
Mean 1.194
Std Dev 0.03527
Underflow 7
Overflow 0
Integral 3090

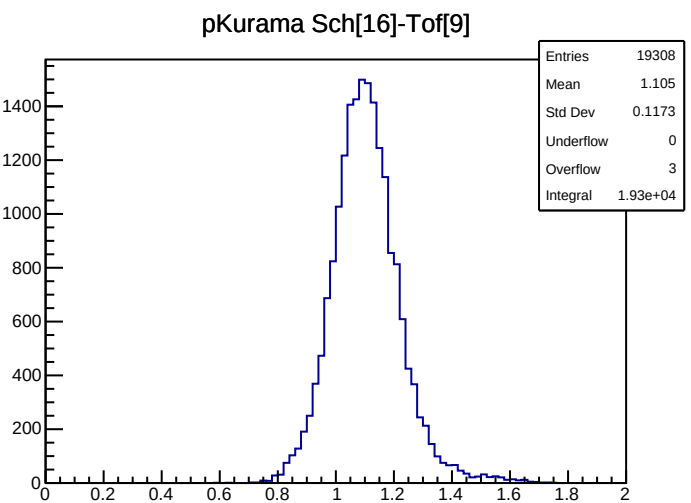

m2 Sch[16]-Tof[8]
Entries 90753
Mean 0.7242
Std Dev 0.2142
Underflow 259
Overflow 1410
Integral 8.908e+04

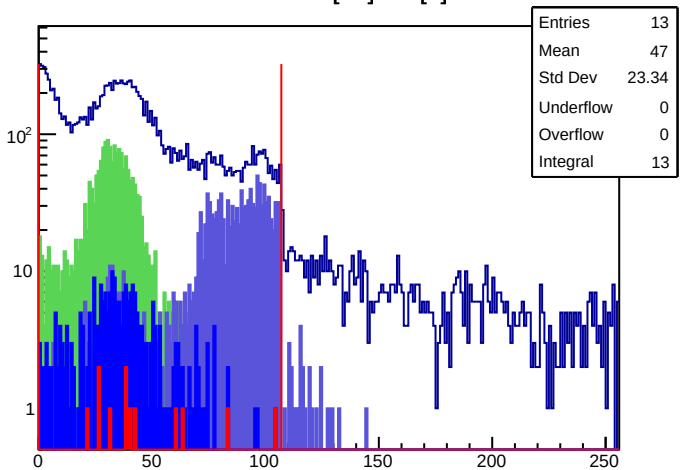

pKurama Sch[16]-Tof[8]
Entries 90753
Mean 0.9527
Std Dev 0.08798
Underflow 0
Overflow 6
Integral 9.075e+04

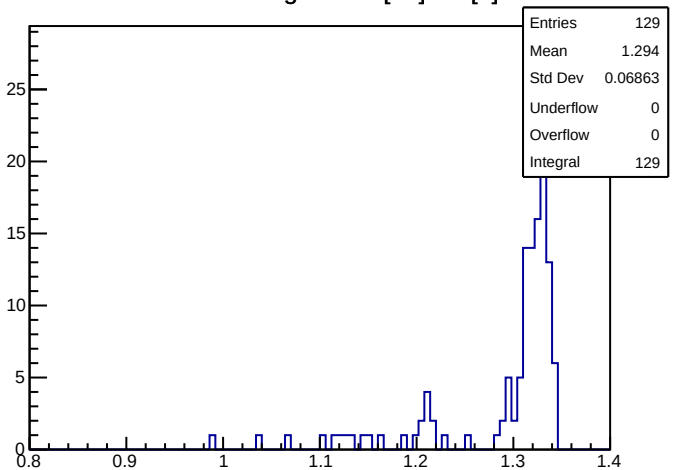

sftx all Sch[16]-Tof[9]
Entries 13
Mean 21.23
Std Dev 4.61
Underflow 0
Overflow 0
Integral 13

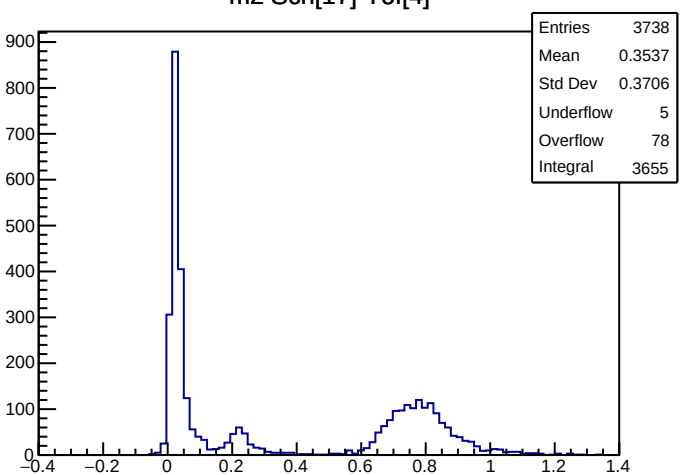

MissMass Sigma Sch[16]-Tof[9]
Entries 71
Mean 1.09
Std Dev 0.08314
Underflow 1
Overflow 0
Integral 70

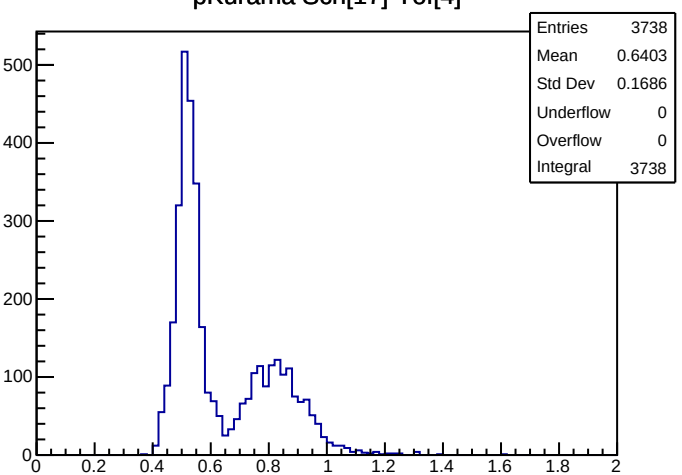

m2 Sch[16]-Tof[9]
Entries 19308
Mean 0.7843
Std Dev 0.163
Underflow 61
Overflow 479
Integral 1.877e+04

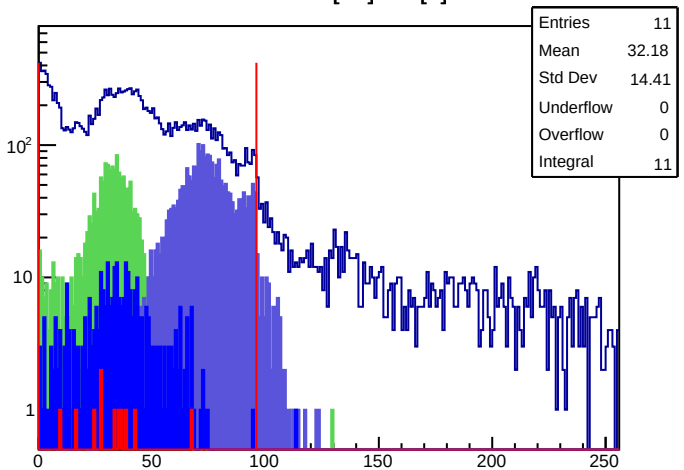

pKurama Sch[16]-Tof[9]
Entries 19308
Mean 1.105
Std Dev 0.1173
Underflow 0
Overflow 3
Integral 1.93e+04

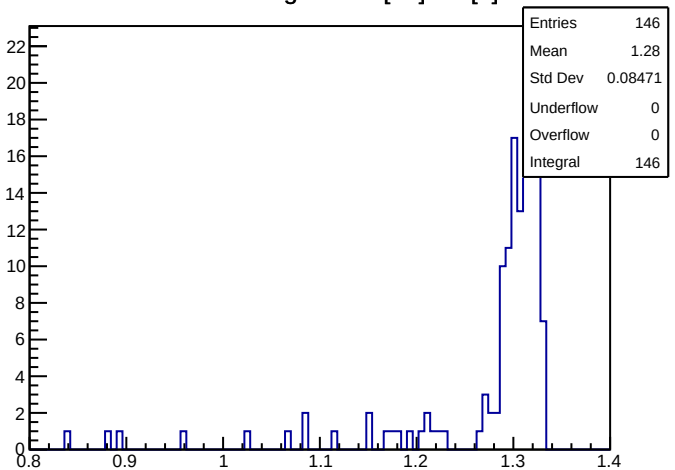

sftx all Sch[17]-Tof[4]
Entries 13
Mean 47
Std Dev 23.34
Underflow 0
Overflow 0
Integral 13
10^2
10
1
0
50
100
150
200
250

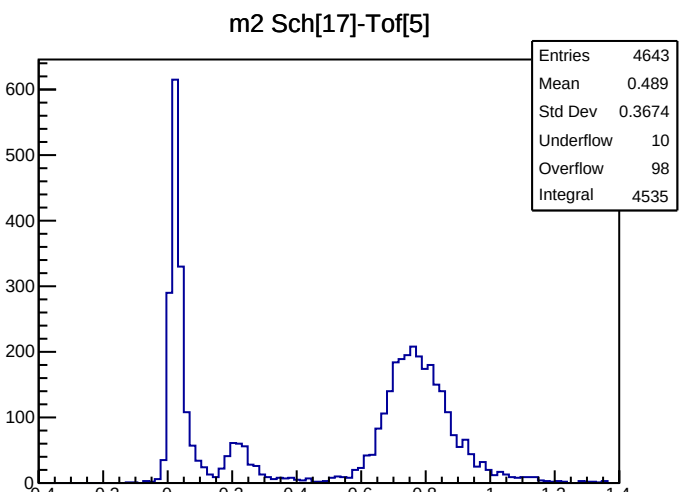

MissMass Sigma Sch[17]-Tof[4]
Entries 129
Mean 1.294
Std Dev 0.06863
Underflow 0
Overflow 0
Integral 129
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

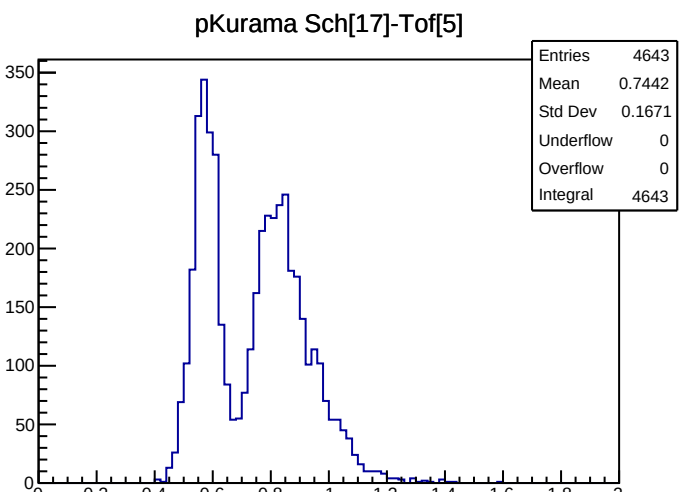

m2 Sch[17]-Tof[4]
Entries 3738
Mean 0.3537
Std Dev 0.3706
Underflow 5
Overflow 78
Integral 3655
900
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

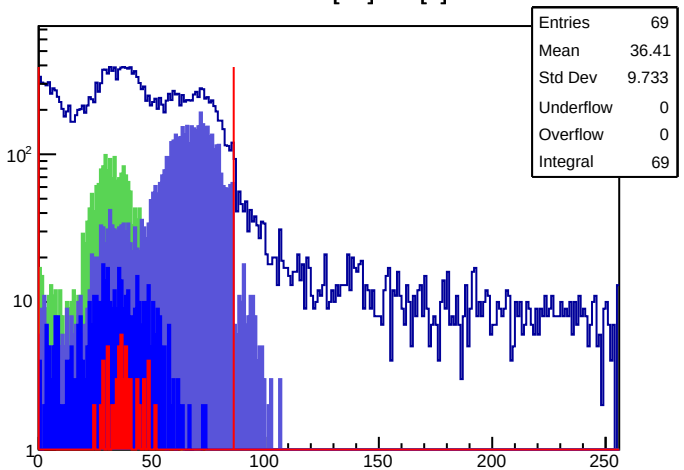

pKurama Sch[17]-Tof[4]
Entries 3738
Mean 0.6403
Std Dev 0.1686
Underflow 0
Overflow 0
Integral 3738
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

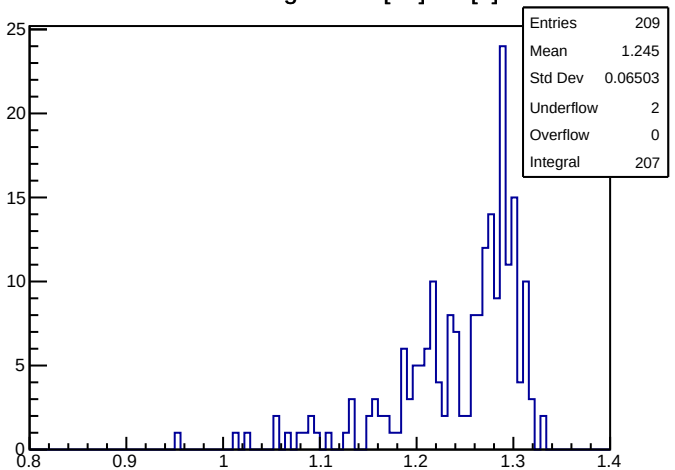

sftx all Sch[17]-Tof[5]
Entries 11
Mean 32.18
Std Dev 14.41
Underflow 0
Overflow 0
Integral 11
10²
10
1
0
50
100
150
200
250

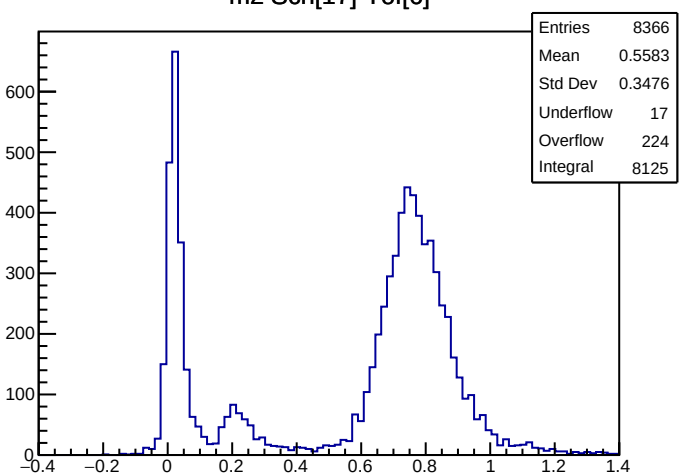

MissMass Sigma Sch[17]-Tof[5]
Entries 146
Mean 1.28
Std Dev 0.08471
Underflow 0
Overflow 0
Integral 146
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

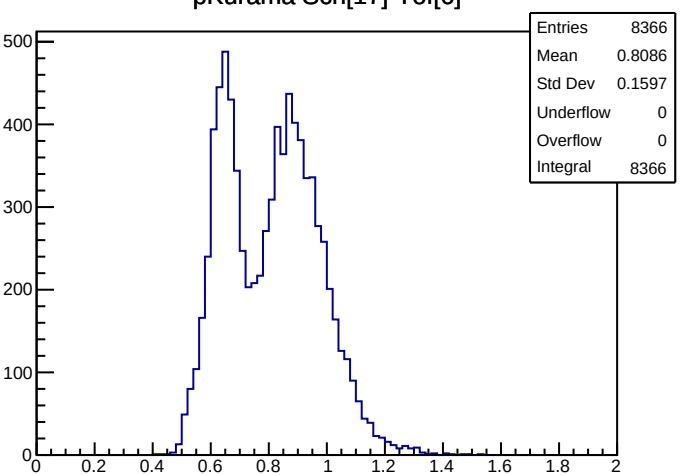

m2 Sch[17]-Tof[5]
Entries 4643
Mean 0.489
Std Dev 0.3674
Underflow 10
Overflow 98
Integral 4535
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

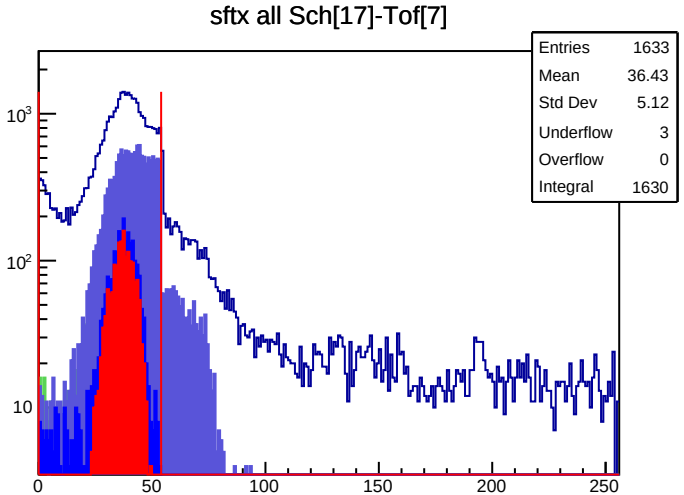

pKurama Sch[17]-Tof[5]
Entries 4643
Mean 0.7442
Std Dev 0.1671
Underflow 0
Overflow 0
Integral 4643
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

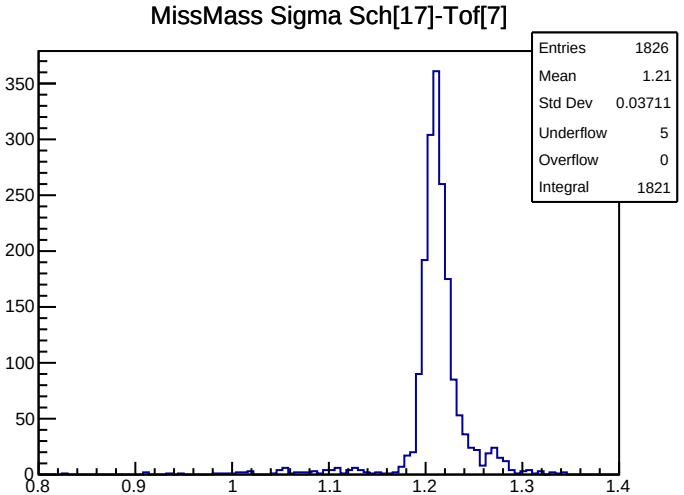

sftx all Sch[17]-Tof[6]
Entries 69
Mean 36.41
Std Dev 9.733
Underflow 0
Overflow 0
Integral 69
10^2
10
1
0
50
100
150
200
250

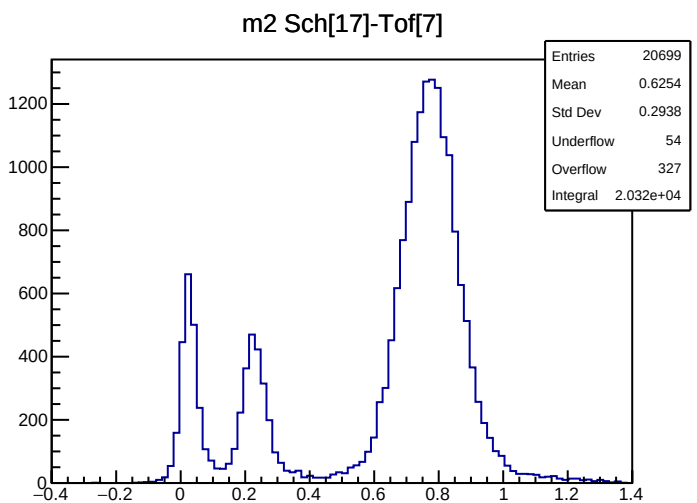

MissMass Sigma Sch[17]-Tof[6]
Entries 209
Mean 1.245
Std Dev 0.06503
Underflow 2
Overflow 0
Integral 207
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

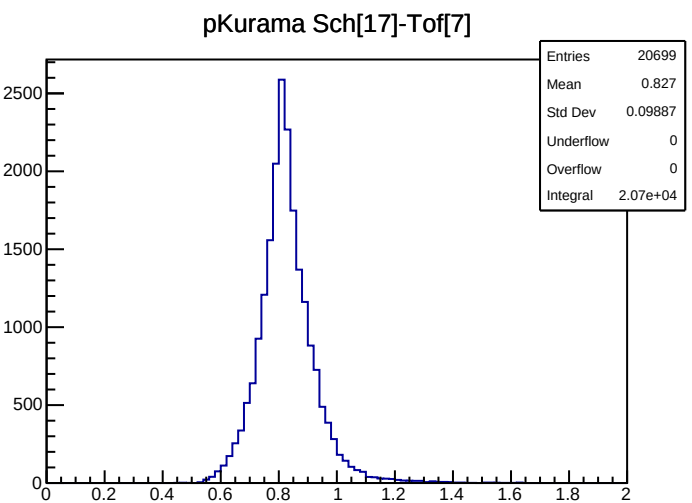

m2 Sch[17]-Tof[6]
Entries 8366
Mean 0.5583
Std Dev 0.3476
Underflow 17
Overflow 224
Integral 8125
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

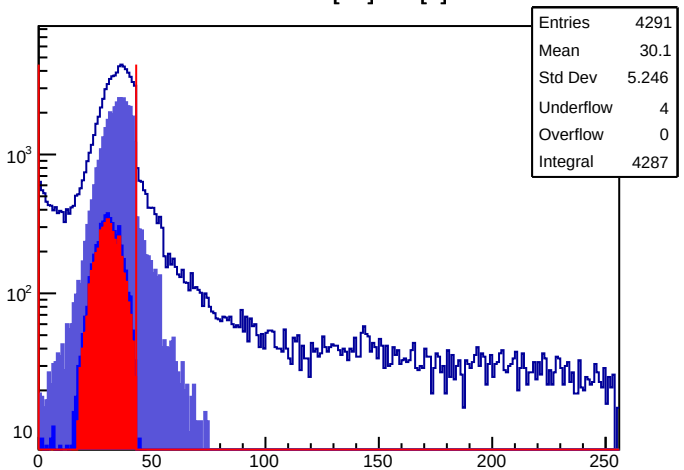

pKurama Sch[17]-Tof[6]
Entries 8366
Mean 0.8086
Std Dev 0.1597
Underflow 0
Overflow 0
Integral 8366
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

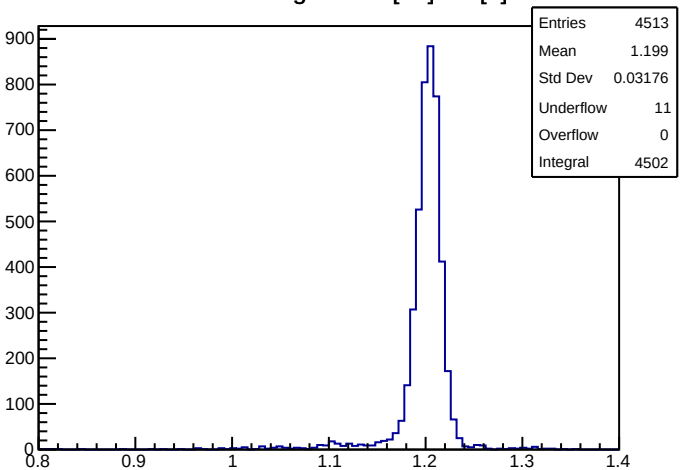

sftx all Sch[17]-Tof[7]
Entries 1633
Mean 36.43
Std Dev 5.12
Underflow 3
Overflow 0
Integral 1630
10^3
10^2
10
0
50
100
150
200
250

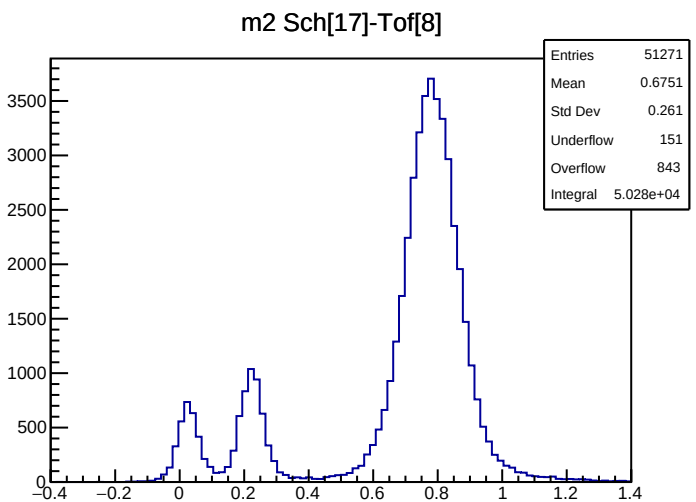

MissMass Sigma Sch[17]-Tof[7]
Entries 1826
Mean 1.21
Std Dev 0.03711
Underflow 5
Overflow 0
Integral 1821
350
300
250
200
150
100
50
0
0.8
0.9
1
1.1
1.2
1.3
1.4

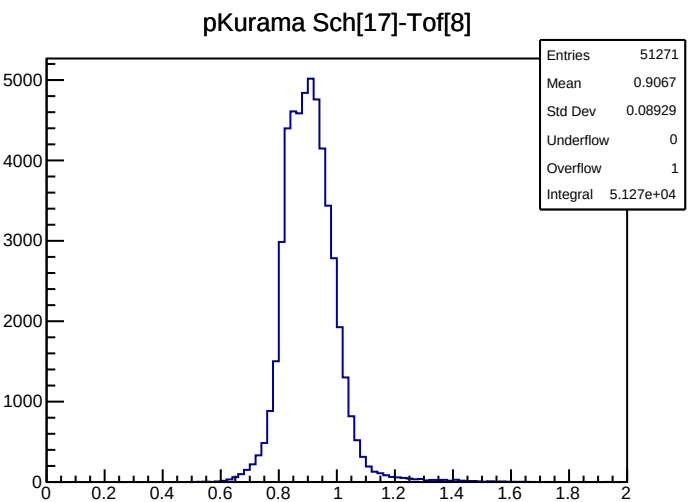

m2 Sch[17]-Tof[7]
Entries 20699
Mean 0.6254
Std Dev 0.2938
Underflow 54
Overflow 327
Integral 2.032e+04
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

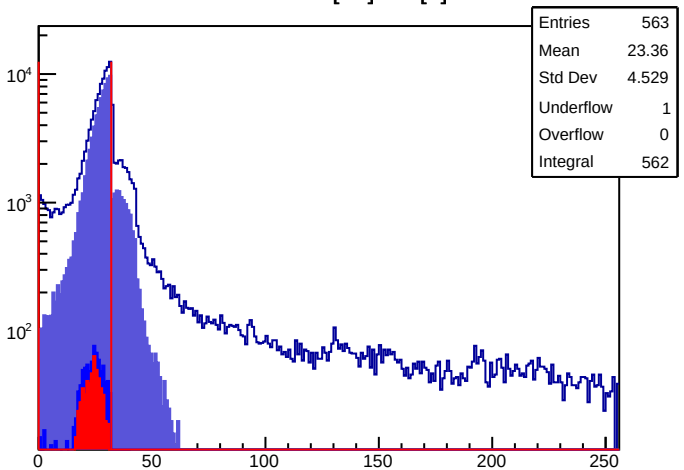

pKurama Sch[17]-Tof[7]
Entries 20699
Mean 0.827
Std Dev 0.09887
Underflow 0
Overflow 0
Integral 2.07e+04
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

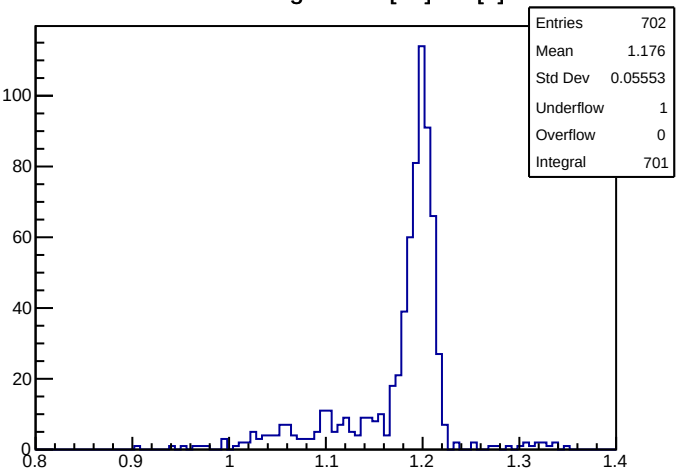

sftx all Sch[17]-Tof[8]
Entries 4291
Mean 30.1
Std Dev 5.246
Underflow 4
Overflow 0
Integral 4287

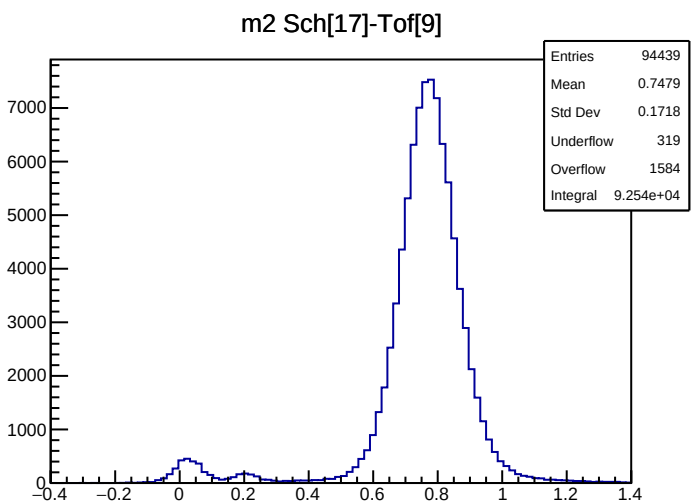

MissMass Sigma Sch[17]-Tof[8]
Entries 4513
Mean 1.199
Std Dev 0.03176
Underflow 11
Overflow 0
Integral 4502

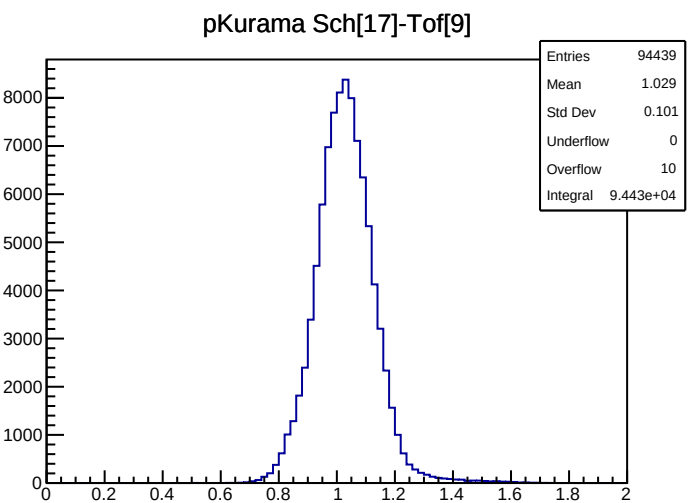

m2 Sch[17]-Tof[8]
Entries 51271
Mean 0.6751
Std Dev 0.261
Underflow 151
Overflow 843
Integral 5.028e+04

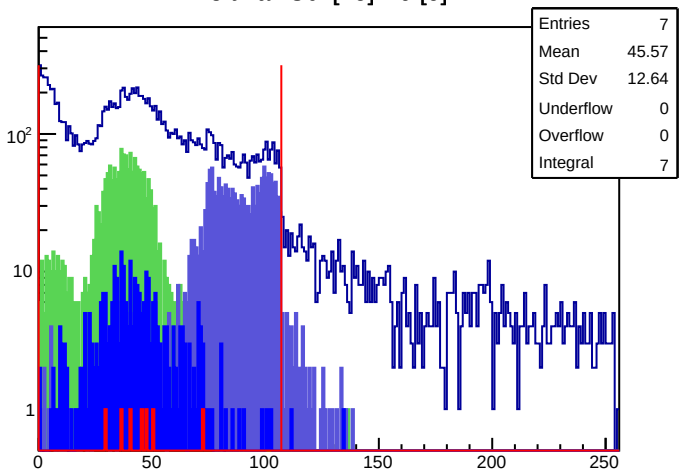

pKurama Sch[17]-Tof[8]
Entries 51271
Mean 0.9067
Std Dev 0.08929
Underflow 0
Overflow 1
Integral 5.127e+04

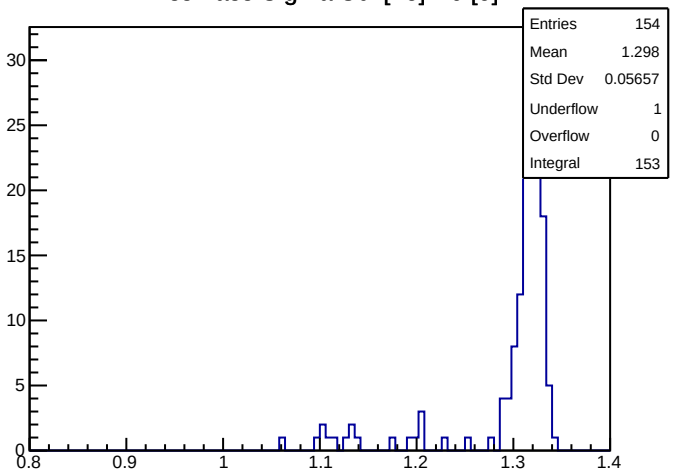

sftx all Sch[17]-Tof[9]
Entries 563
Mean 23.36
Std Dev 4.529
Underflow 1
Overflow 0
Integral 562

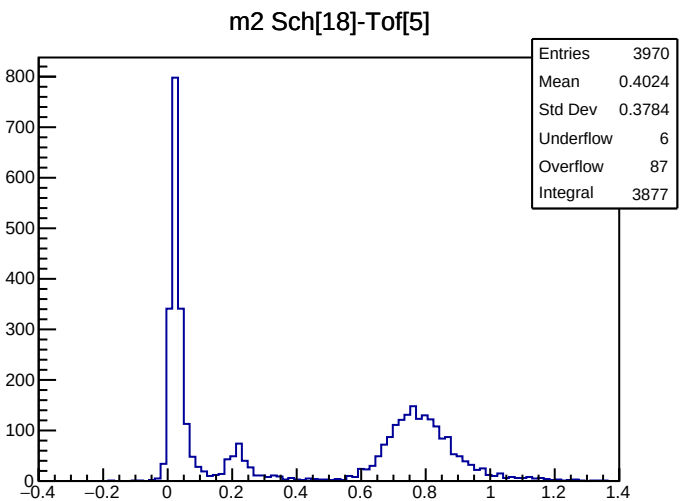

MissMass Sigma Sch[17]-Tof[9]
Entries 702
Mean 1.176
Std Dev 0.05553
Underflow 1
Overflow 0
Integral 701

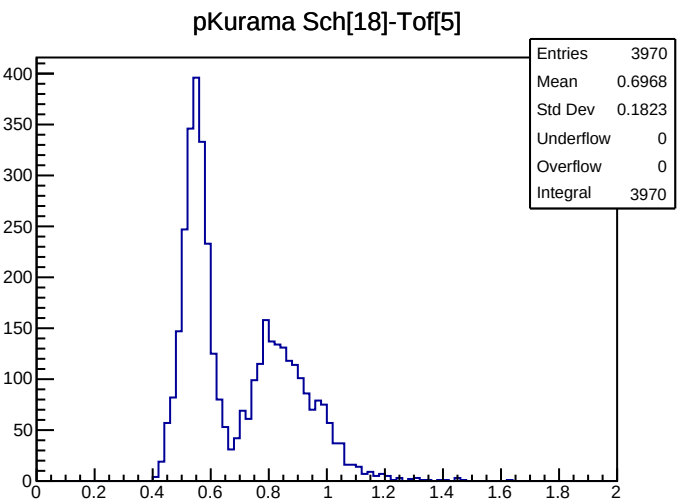

m2 Sch[17]-Tof[9]
Entries 94439
Mean 0.7479
Std Dev 0.1718
Underflow 319
Overflow 1584
Integral 9.254e+04

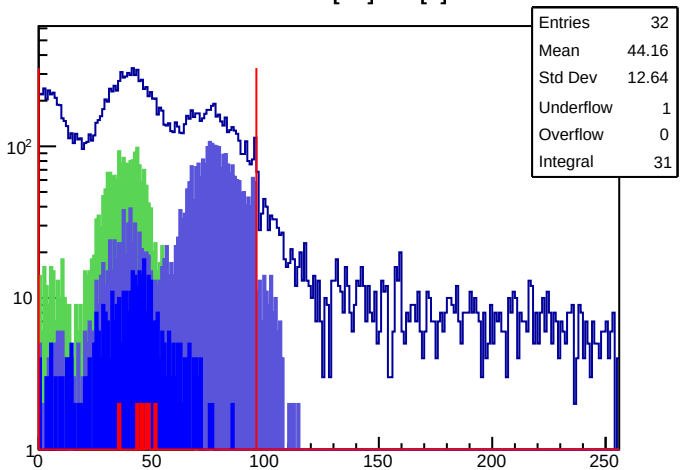

pKurama Sch[17]-Tof[9]
Entries 94439
Mean 1.029
Std Dev 0.101
Underflow 0
Overflow 10
Integral 9.443e+04

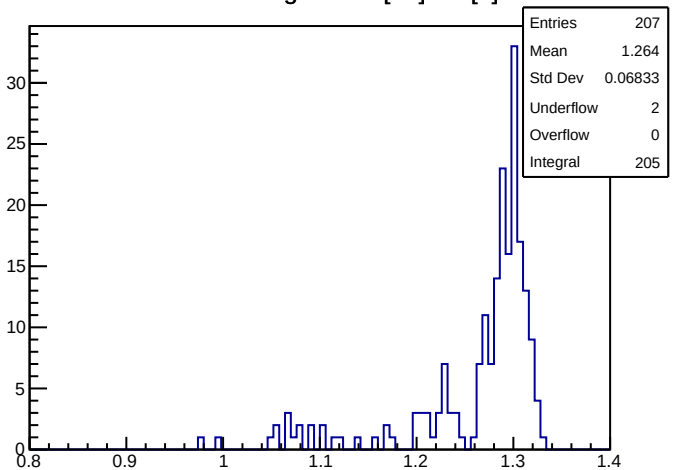

sftx all Sch[18]-Tof[5]
Entries 7
Mean 45.57
Std Dev 12.64
Underflow 0
Overflow 0
Integral 7
10^2
10
1
0
50
100
150
200
250

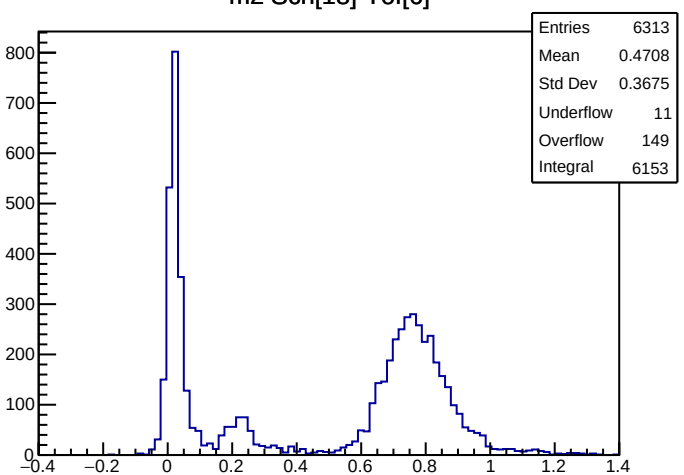

MissMass Sigma Sch[18]-Tof[5]
Entries 154
Mean 1.298
Std Dev 0.05657
Underflow 1
Overflow 0
Integral 153
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

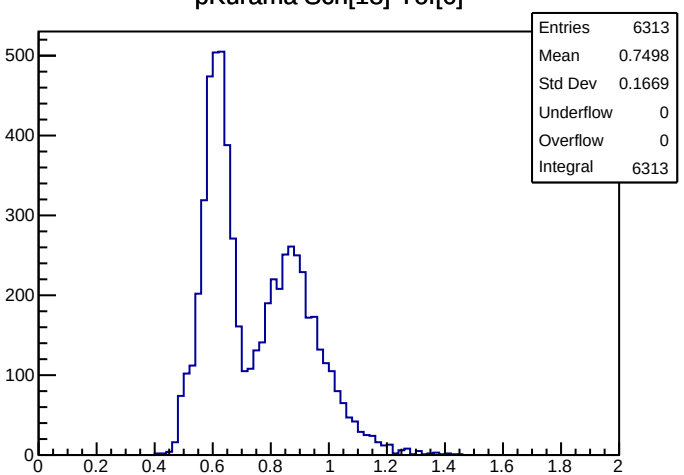

m2 Sch[18]-Tof[5]
Entries 3970
Mean 0.4024
Std Dev 0.3784
Underflow 6
Overflow 87
Integral 3877
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

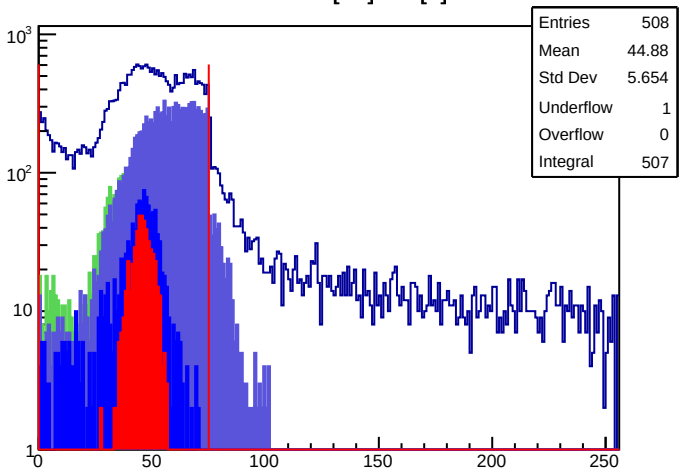

pKurama Sch[18]-Tof[5]
Entries 3970
Mean 0.6968
Std Dev 0.1823
Underflow 0
Overflow 0
Integral 3970
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

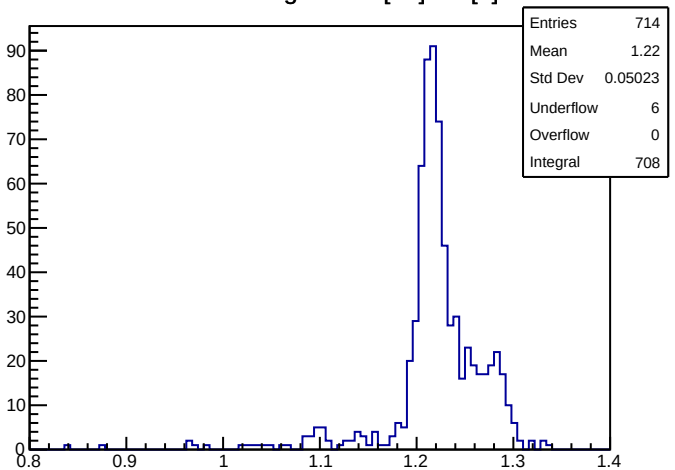

sftx all Sch[18]-Tof[6]
Entries 32
Mean 44.16
Std Dev 12.64
Underflow 1
Overflow 0
Integral 31
10²
10
1
0
50
100
150
200
250

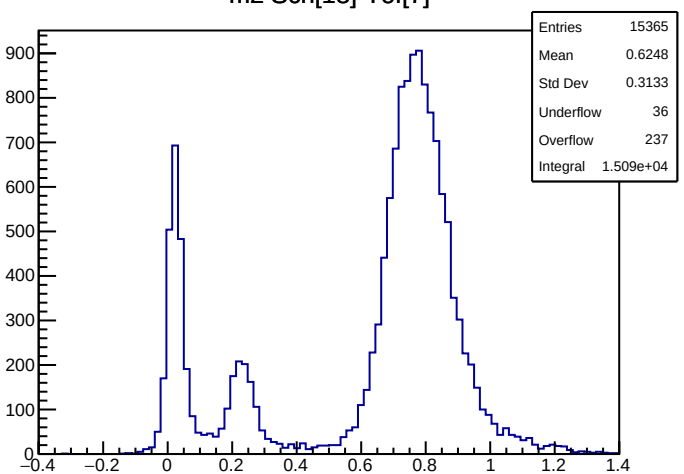

MissMass Sigma Sch[18]-Tof[6]
Entries 207
Mean 1.264
Std Dev 0.06833
Underflow 2
Overflow 0
Integral 205
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

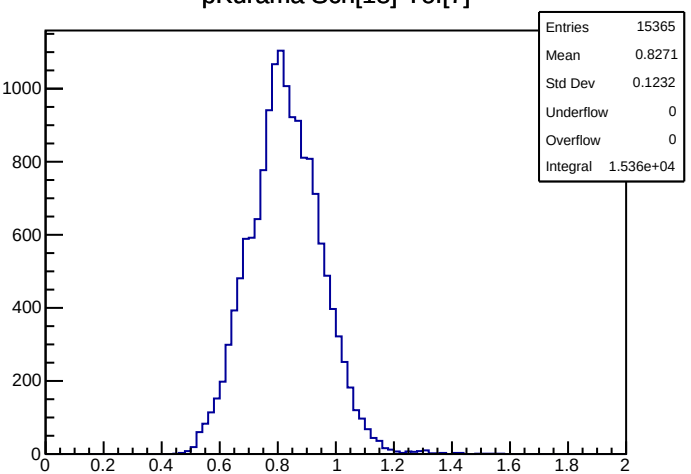

m2 Sch[18]-Tof[6]
Entries 6313
Mean 0.4708
Std Dev 0.3675
Underflow 11
Overflow 149
Integral 6153
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

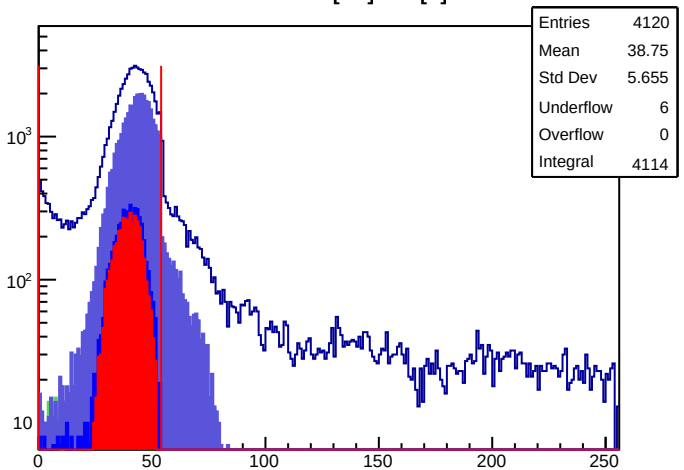

pKurama Sch[18]-Tof[6]
Entries 6313
Mean 0.7498
Std Dev 0.1669
Underflow 0
Overflow 0
Integral 6313
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

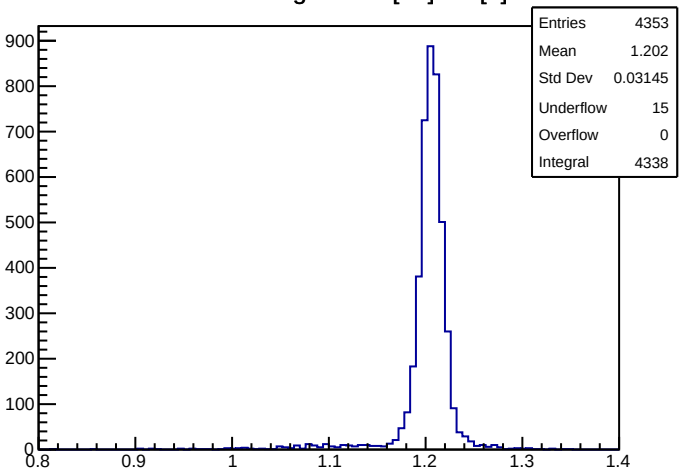

sftx all Sch[18]-Tof[7]
Entries 508
Mean 44.88
Std Dev 5.654
Underflow 1
Overflow 0
Integral 507

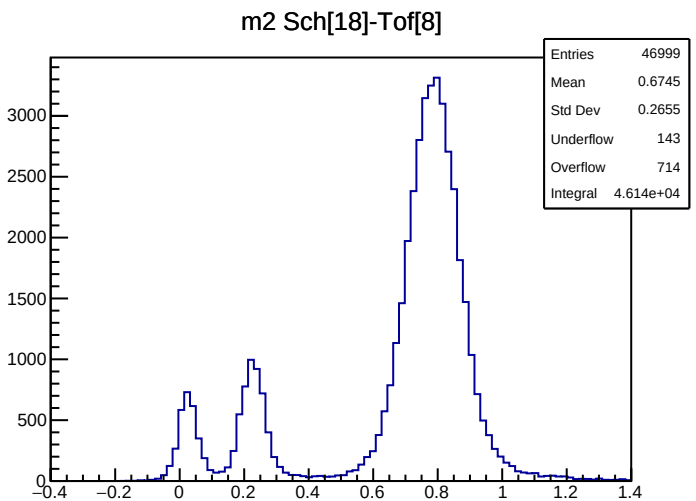

MissMass Sigma Sch[18]-Tof[7]
Entries 714
Mean 1.22
Std Dev 0.05023
Underflow 6
Overflow 0
Integral 708

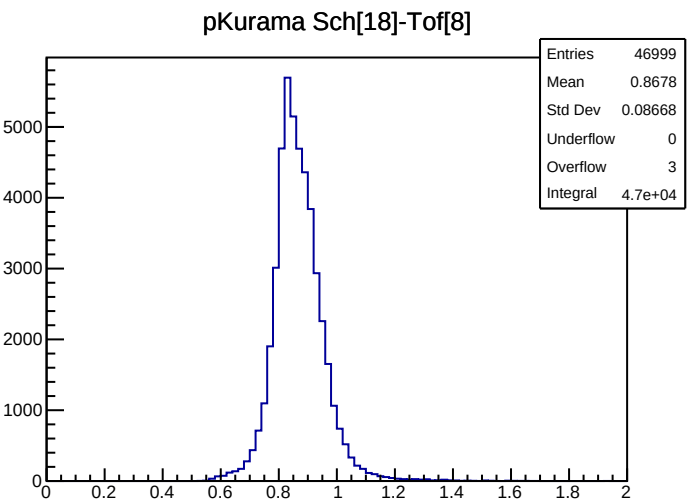

m2 Sch[18]-Tof[7]
Entries 15365
Mean 0.6248
Std Dev 0.3133
Underflow 36
Overflow 237
Integral 1.509e+04

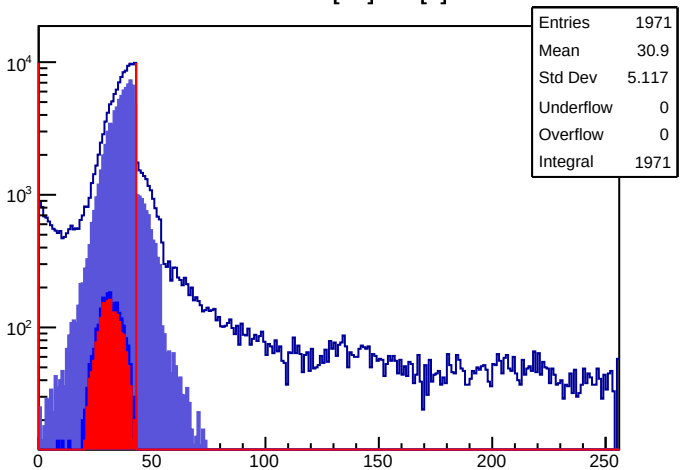

pKurama Sch[18]-Tof[7]
Entries 15365
Mean 0.8271
Std Dev 0.1232
Underflow 0
Overflow 0
Integral 1.536e+04

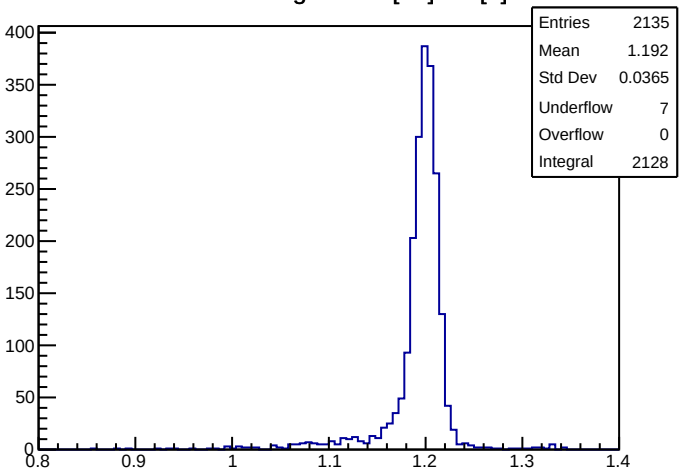

sftx all Sch[18]-Tof[8]
Entries 4120
Mean 38.75
Std Dev 5.655
Underflow 6
Overflow 0
Integral 4114

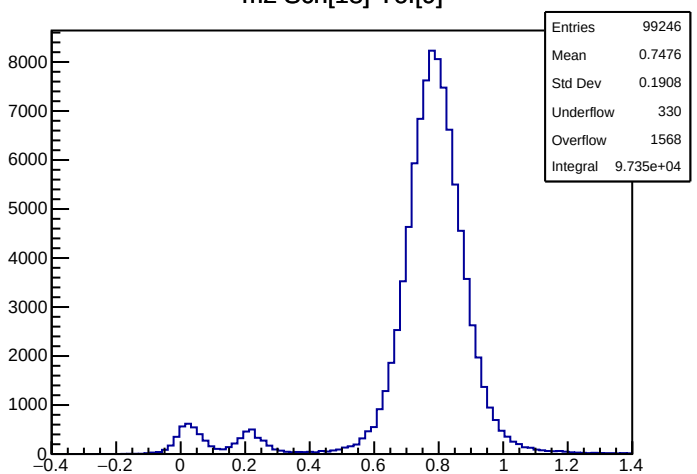

MissMass Sigma Sch[18]-Tof[8]
Entries 4353
Mean 1.202
Std Dev 0.03145
Underflow 15
Overflow 0
Integral 4338

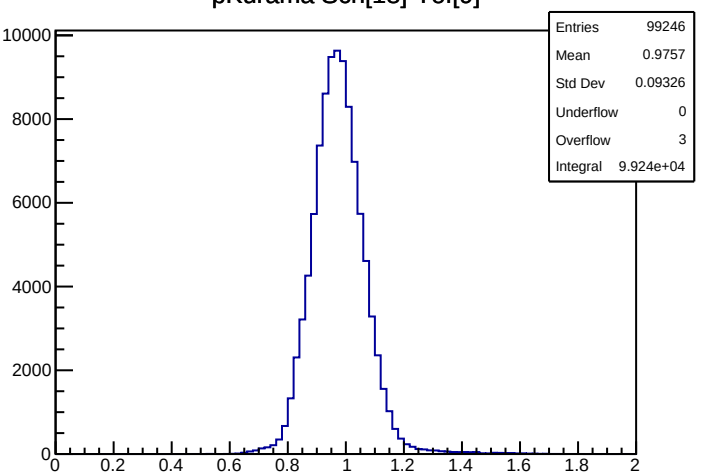

m2 Sch[18]-Tof[8]
Entries 46999
Mean 0.6745
Std Dev 0.2655
Underflow 143
Overflow 714
Integral 4.614e+04

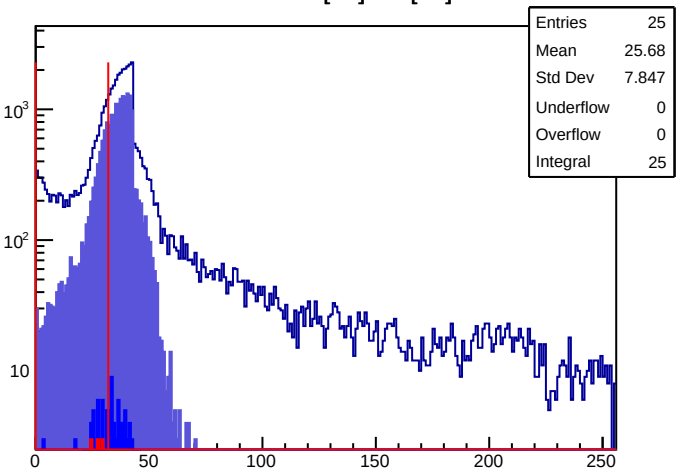

pKurama Sch[18]-Tof[8]
Entries 46999
Mean 0.8678
Std Dev 0.08668
Underflow 0
Overflow 3
Integral 4.7e+04

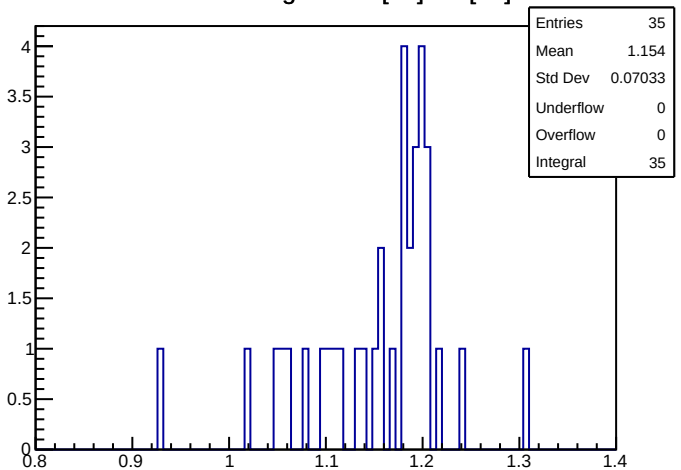

sftx all Sch[18]-Tof[9]
Entries 1971
Mean 30.9
Std Dev 5.117
Underflow 0
Overflow 0
Integral 1971

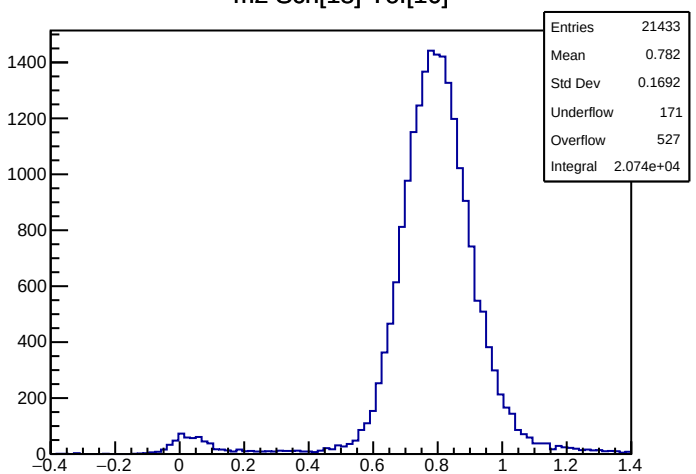

MissMass Sigma Sch[18]-Tof[9]
Entries 2135
Mean 1.192
Std Dev 0.0365
Underflow 7
Overflow 0
Integral 2128

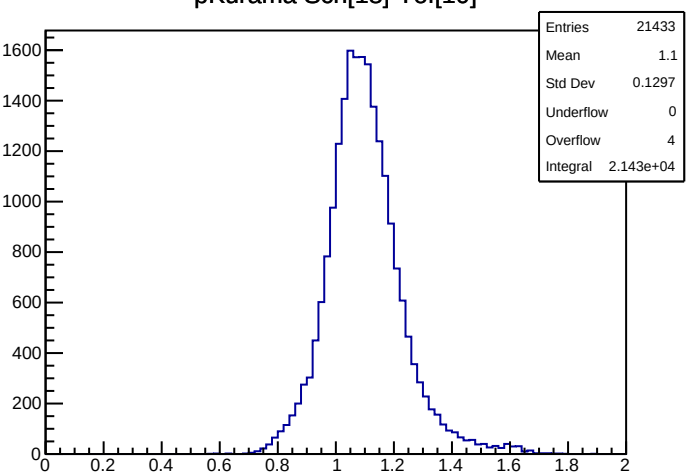

m2 Sch[18]-Tof[9]
Entries 99246
Mean 0.7476
Std Dev 0.1908
Underflow 330
Overflow 1568
Integral 9.735e+04

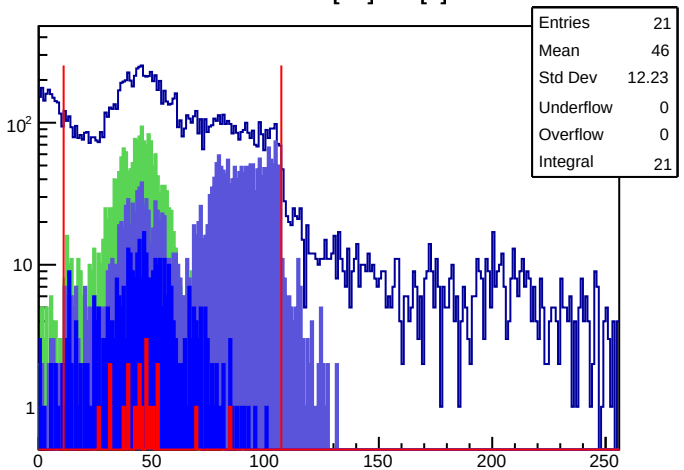

pKurama Sch[18]-Tof[9]
Entries 99246
Mean 0.9757
Std Dev 0.09326
Underflow 0
Overflow 3
Integral 9.924e+04

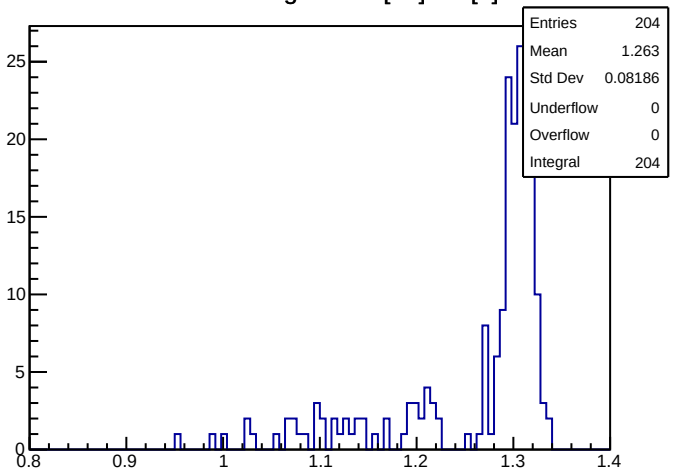

sftx all Sch[18]-Tof[10]
Entries 25
Mean 25.68
Std Dev 7.847
Underflow 0
Overflow 0
Integral 25

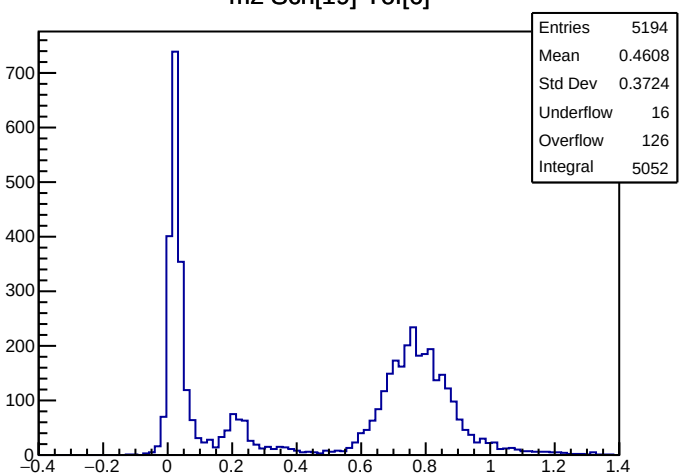

MissMass Sigma Sch[18]-Tof[10]
Entries 35
Mean 1.154
Std Dev 0.07033
Underflow 0
Overflow 0
Integral 35

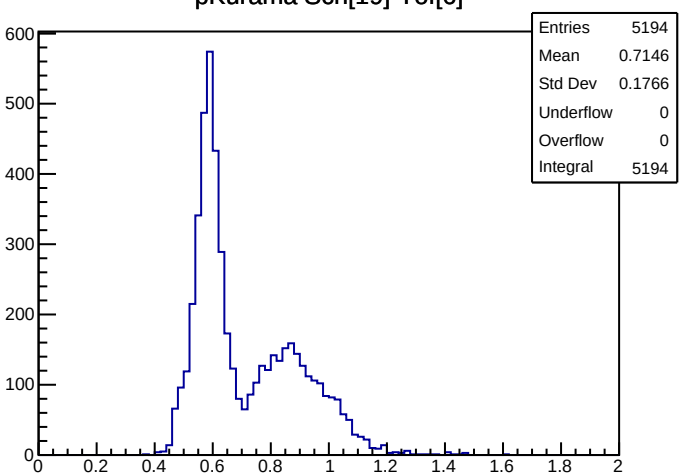

m2 Sch[18]-Tof[10]
Entries 21433
Mean 0.782
Std Dev 0.1692
Underflow 171
Overflow 527
Integral 2.074e+04

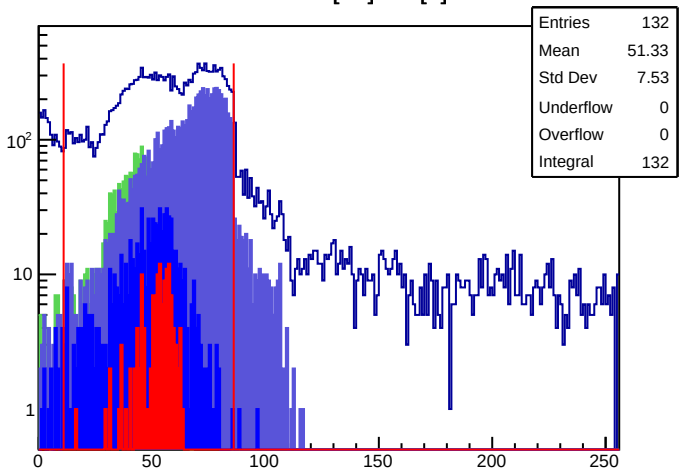

pKurama Sch[18]-Tof[10]
Entries 21433
Mean 1.1
Std Dev 0.1297
Underflow 0
Overflow 4
Integral 2.143e+04

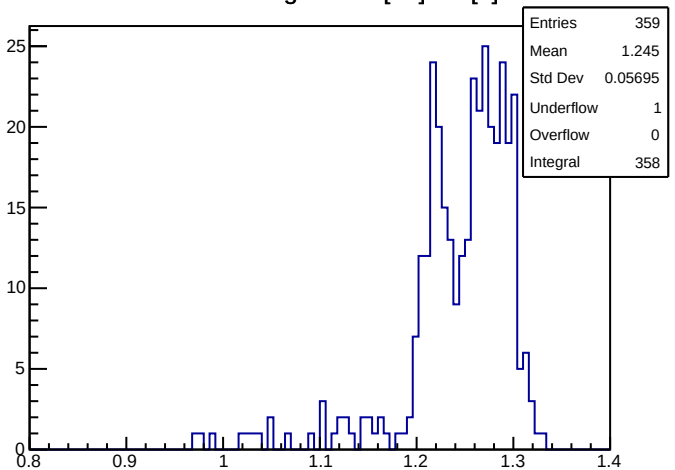

sftx all Sch[19]-Tof[6]
Entries 21
Mean 46
Std Dev 12.23
Underflow 0
Overflow 0
Integral 21
10^2
10
1
0
50
100
150
200
250

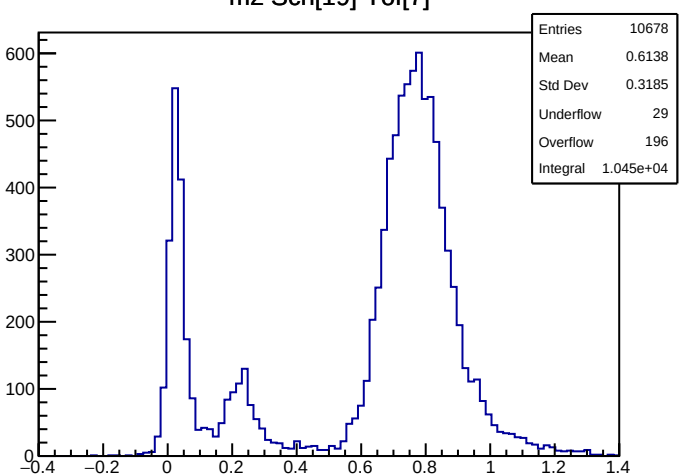

MissMass Sigma Sch[19]-Tof[6]
Entries 204
Mean 1.263
Std Dev 0.08186
Underflow 0
Overflow 0
Integral 204
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

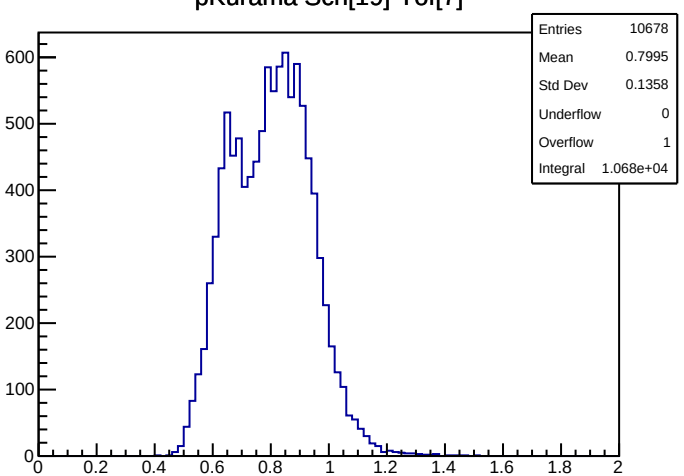

m2 Sch[19]-Tof[6]
Entries 5194
Mean 0.4608
Std Dev 0.3724
Underflow 16
Overflow 126
Integral 5052
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

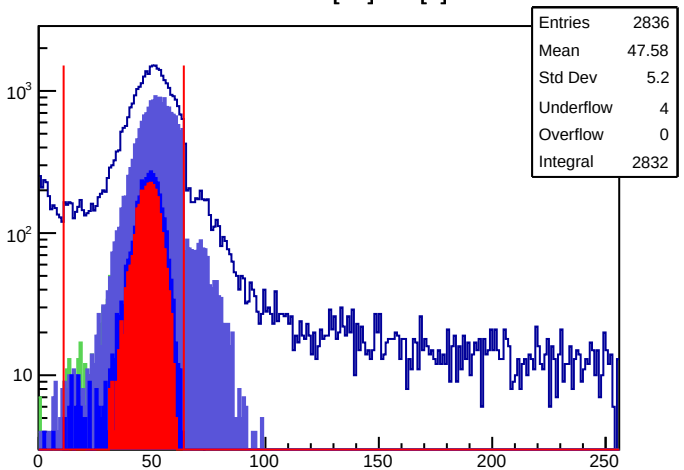

pKurama Sch[19]-Tof[6]
Entries 5194
Mean 0.7146
Std Dev 0.1766
Underflow 0
Overflow 0
Integral 5194
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

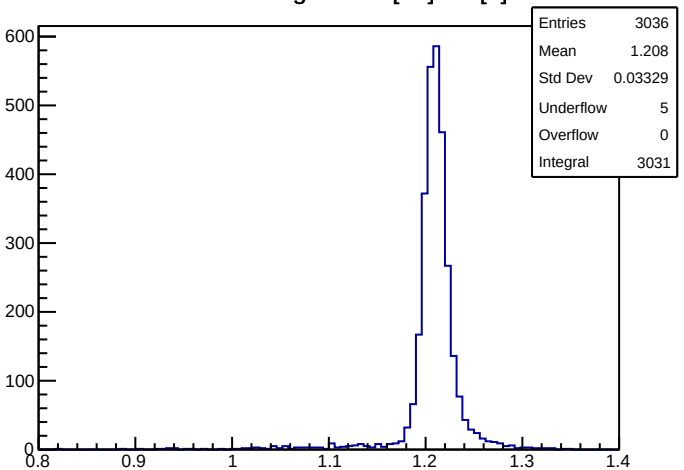

sftx all Sch[19]-Tof[7]
Entries 132
Mean 51.33
Std Dev 7.53
Underflow 0
Overflow 0
Integral 132

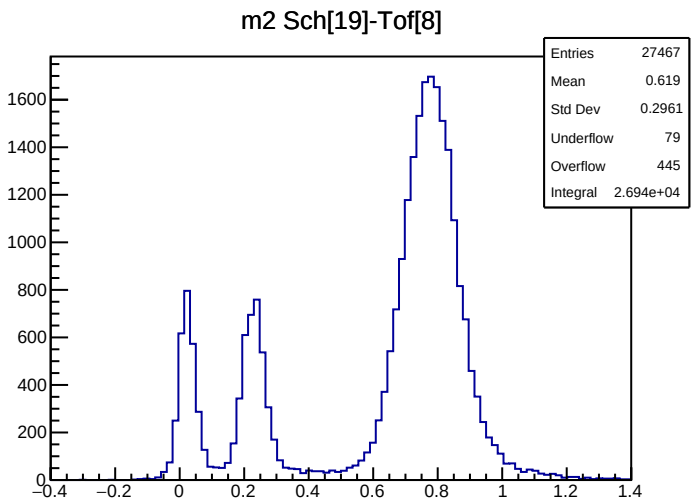

MissMass Sigma Sch[19]-Tof[7]
Entries 359
Mean 1.245
Std Dev 0.05695
Underflow 1
Overflow 0
Integral 358

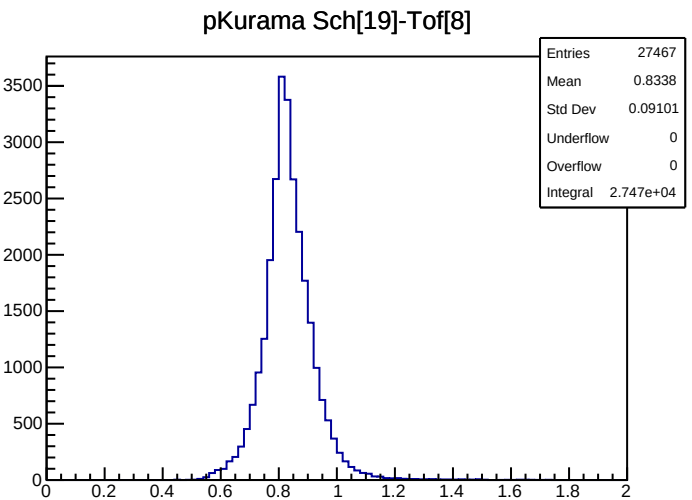

m2 Sch[19]-Tof[7]
Entries 10678
Mean 0.6138
Std Dev 0.3185
Underflow 29
Overflow 196
Integral 1.045e+04

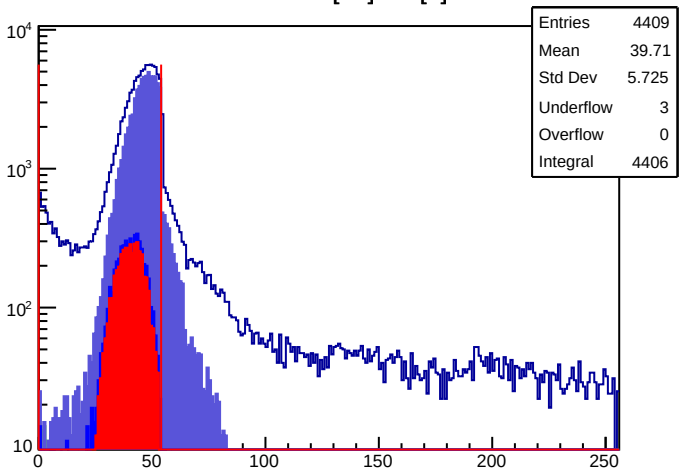

pKurama Sch[19]-Tof[7]
Entries 10678
Mean 0.7995
Std Dev 0.1358
Underflow 0
Overflow 1
Integral 1.068e+04

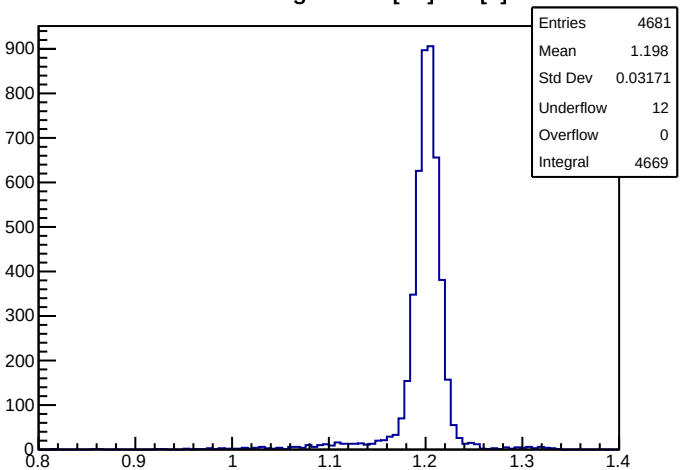

sftx all Sch[19]-Tof[8]
Entries 2836
Mean 47.58
Std Dev 5.2
Underflow 4
Overflow 0
Integral 2832

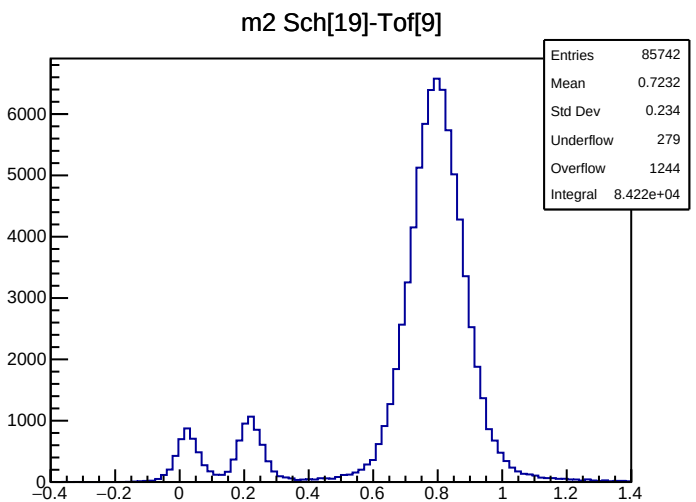

MissMass Sigma Sch[19]-Tof[8]
Entries 3036
Mean 1.208
Std Dev 0.03329
Underflow 5
Overflow 0
Integral 3031

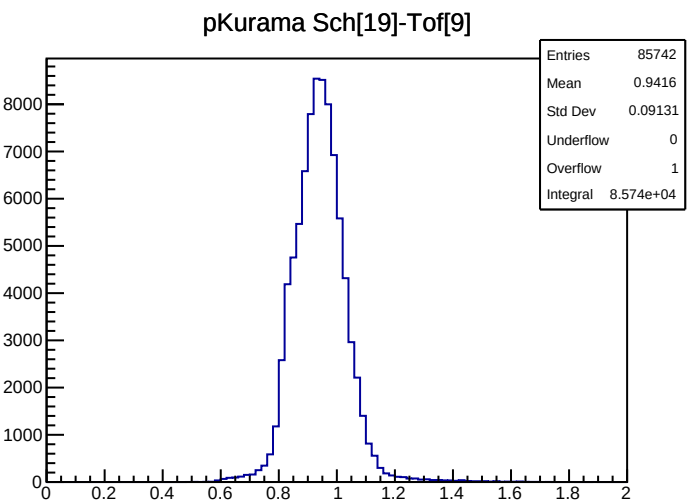

m2 Sch[19]-Tof[8]
Entries 27467
Mean 0.619
Std Dev 0.2961
Underflow 79
Overflow 445
Integral 2.694e+04

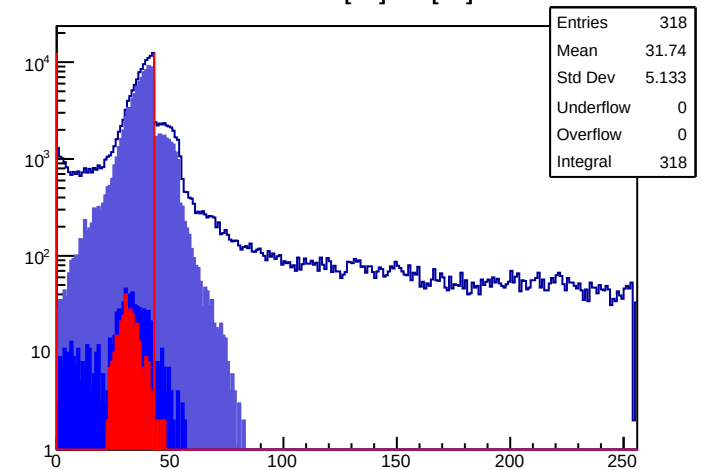

pKurama Sch[19]-Tof[8]
Entries 27467
Mean 0.8338
Std Dev 0.09101
Underflow 0
Overflow 0
Integral 2.747e+04

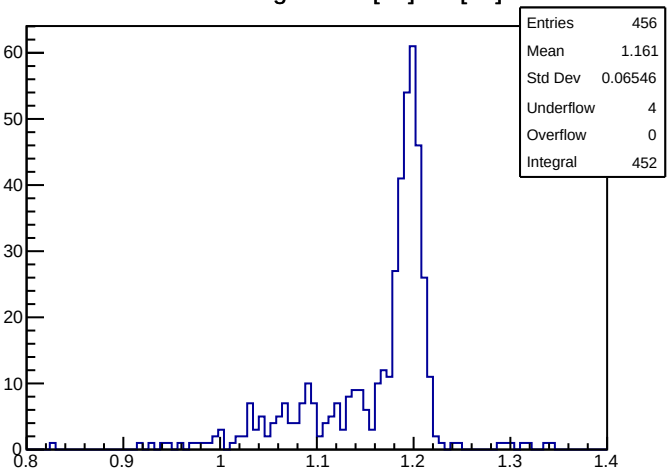

sftx all Sch[19]-Tof[9]
Entries 4409
Mean 39.71
Std Dev 5.725
Underflow 3
Overflow 0
Integral 4406

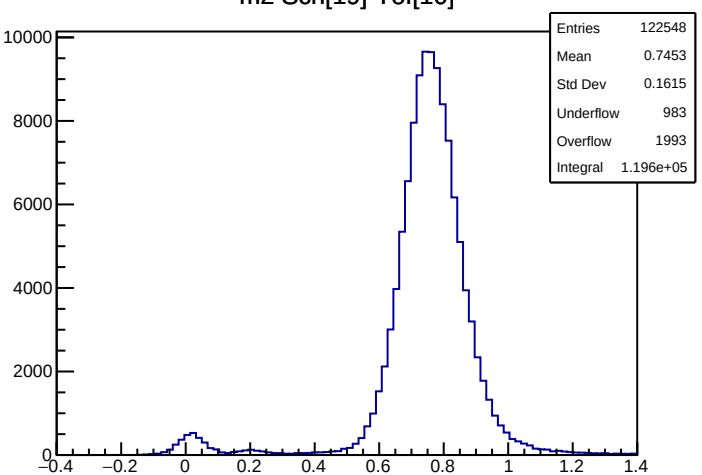

MissMass Sigma Sch[19]-Tof[9]
Entries 4681
Mean 1.198
Std Dev 0.03171
Underflow 12
Overflow 0
Integral 4669

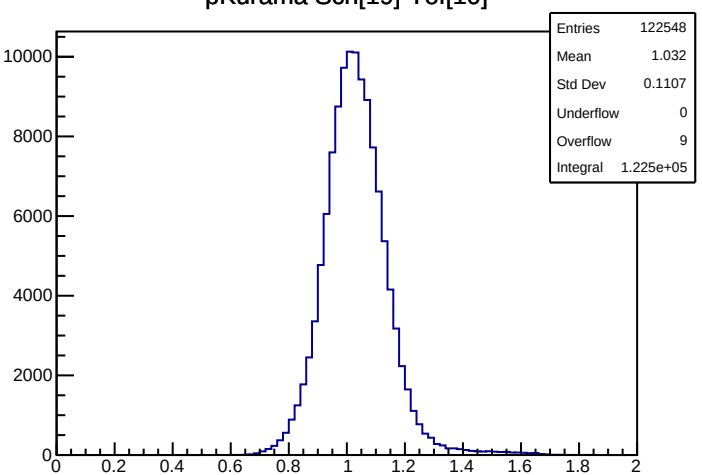

m2 Sch[19]-Tof[9]
Entries 85742
Mean 0.7232
Std Dev 0.234
Underflow 279
Overflow 1244
Integral 8.422e+04

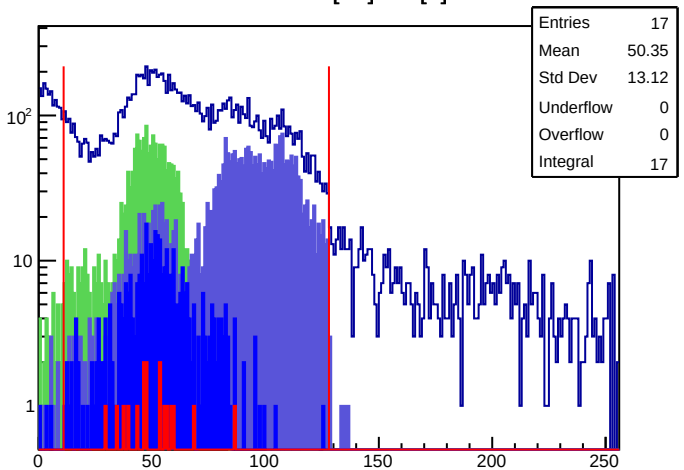

pKurama Sch[19]-Tof[9]
Entries 85742
Mean 0.9416
Std Dev 0.09131
Underflow 0
Overflow 1
Integral 8.574e+04

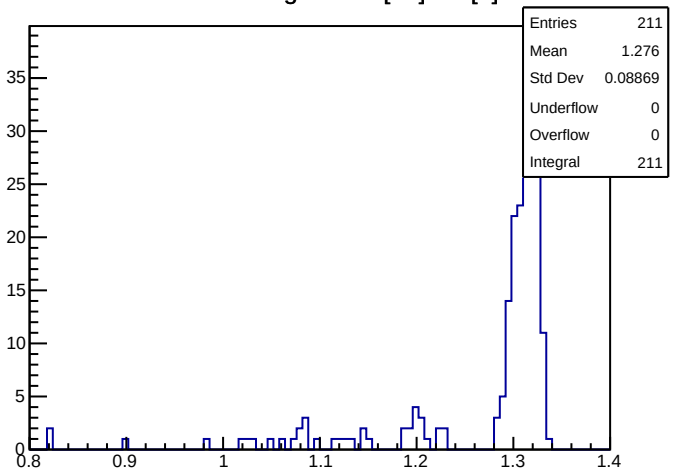

sftx all Sch[19]-Tof[10]
Entries 318
Mean 31.74
Std Dev 5.133
Underflow 0
Overflow 0
Integral 318

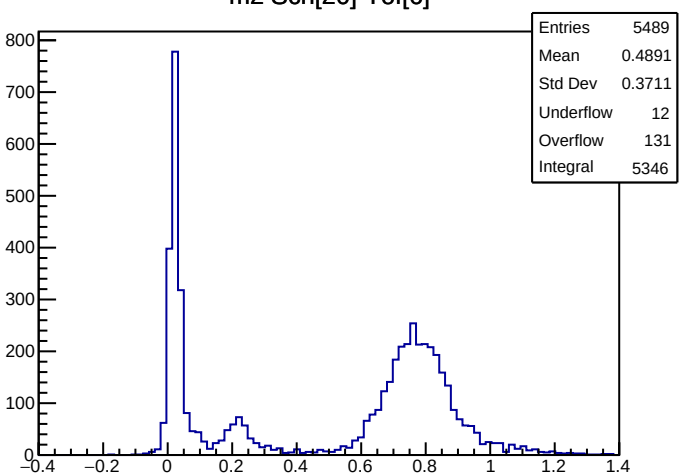

MissMass Sigma Sch[19]-Tof[10]
Entries 456
Mean 1.161
Std Dev 0.06546
Underflow 4
Overflow 0
Integral 452

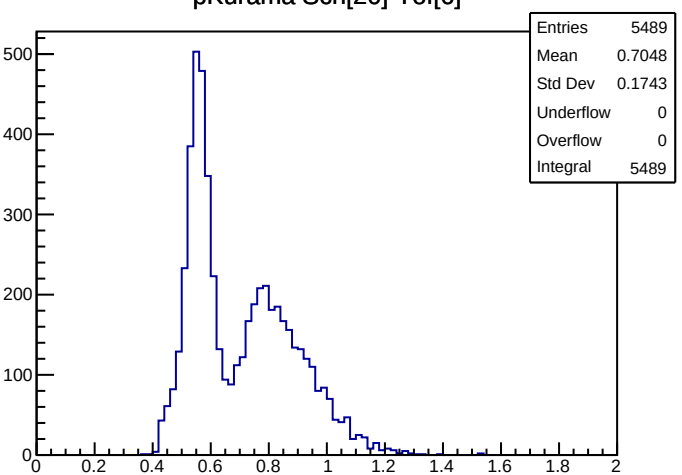

m2 Sch[19]-Tof[10]
Entries 122548
Mean 0.7453
Std Dev 0.1615
Underflow 983
Overflow 1993
Integral 1.196e+05

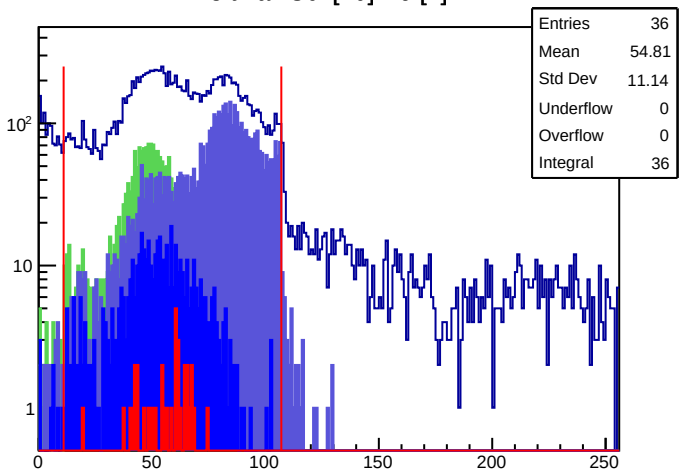

pKurama Sch[19]-Tof[10]
Entries 122548
Mean 1.032
Std Dev 0.1107
Underflow 0
Overflow 9
Integral 1.225e+05

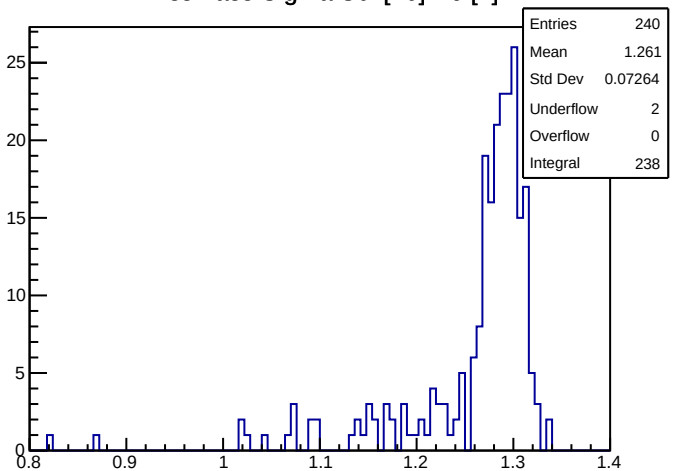

sftx all Sch[20]-Tof[6]
Entries 17
Mean 50.35
Std Dev 13.12
Underflow 0
Overflow 0
Integral 17

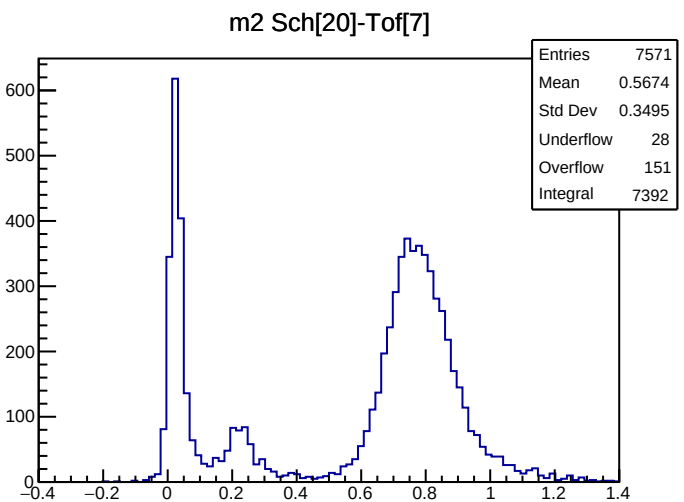

MissMass Sigma Sch[20]-Tof[6]
Entries 211
Mean 1.276
Std Dev 0.08869
Underflow 0
Overflow 0
Integral 211

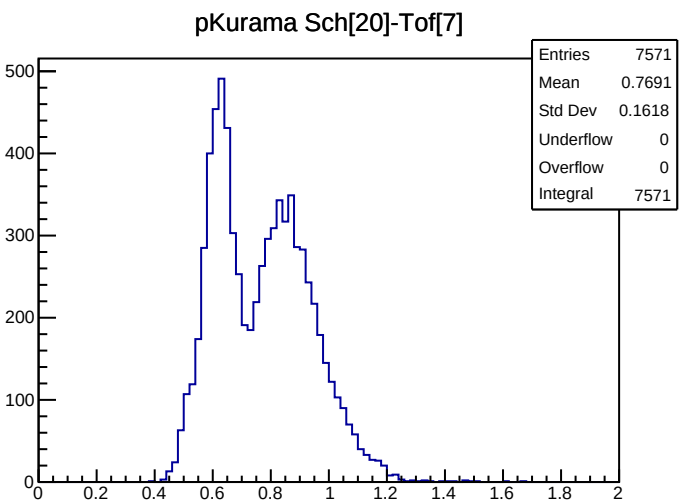

m2 Sch[20]-Tof[6]
Entries 5489
Mean 0.4891
Std Dev 0.3711
Underflow 12
Overflow 131
Integral 5346

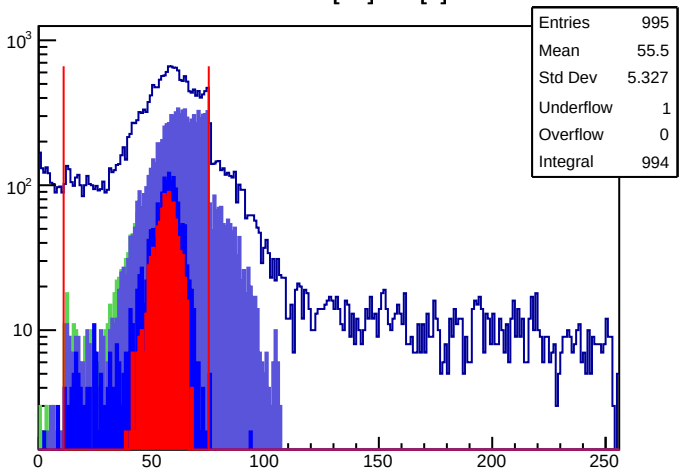

pKurama Sch[20]-Tof[6]
Entries 5489
Mean 0.7048
Std Dev 0.1743
Underflow 0
Overflow 0
Integral 5489

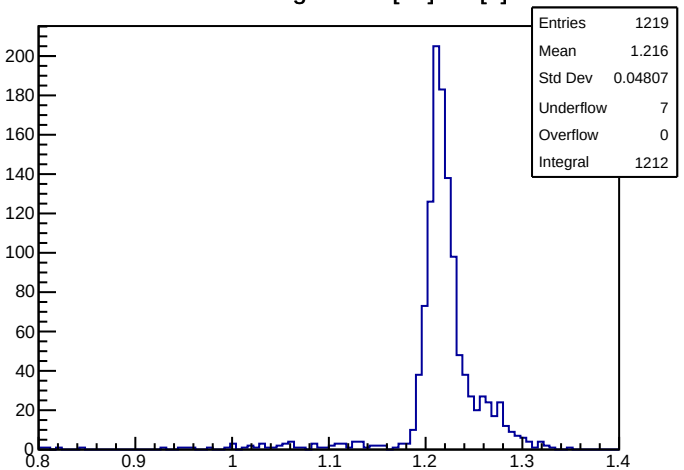

sftx all Sch[20]-Tof[7]
Entries 36
Mean 54.81
Std Dev 11.14
Underflow 0
Overflow 0
Integral 36

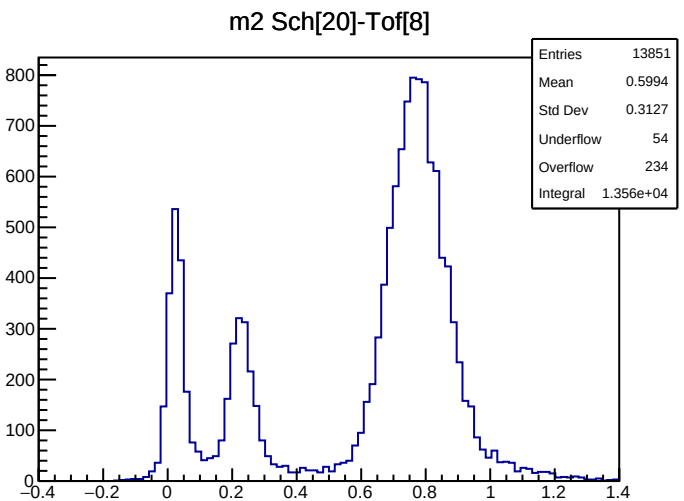

MissMass Sigma Sch[20]-Tof[7]
Entries 240
Mean 1.261
Std Dev 0.07264
Underflow 2
Overflow 0
Integral 238

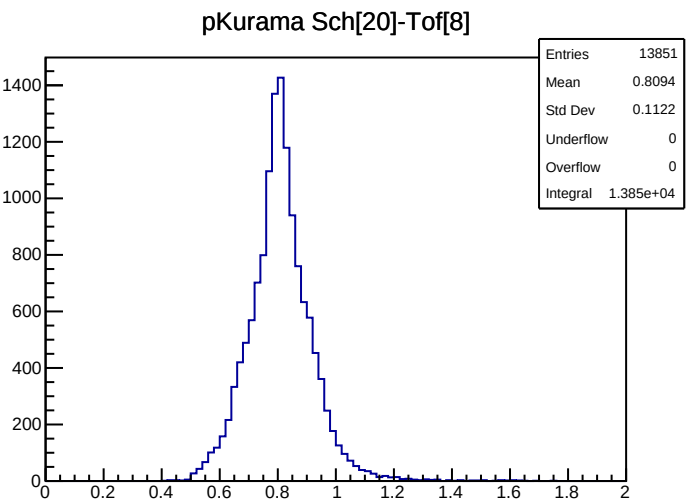

m2 Sch[20]-Tof[7]
Entries 7571
Mean 0.5674
Std Dev 0.3495
Underflow 28
Overflow 151
Integral 7392

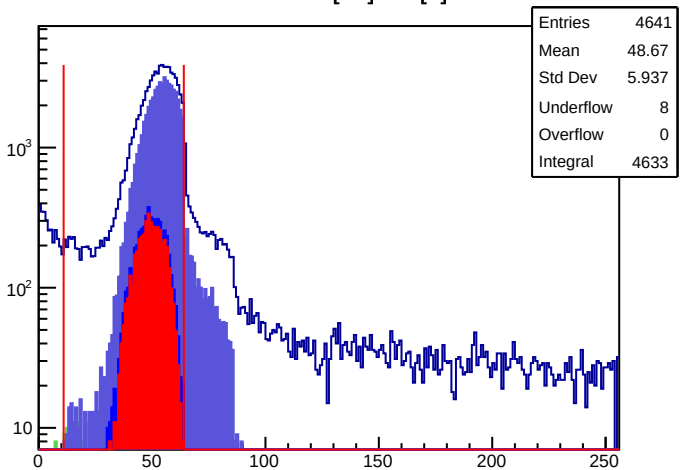

pKurama Sch[20]-Tof[7]
Entries 7571
Mean 0.7691
Std Dev 0.1618
Underflow 0
Overflow 0
Integral 7571

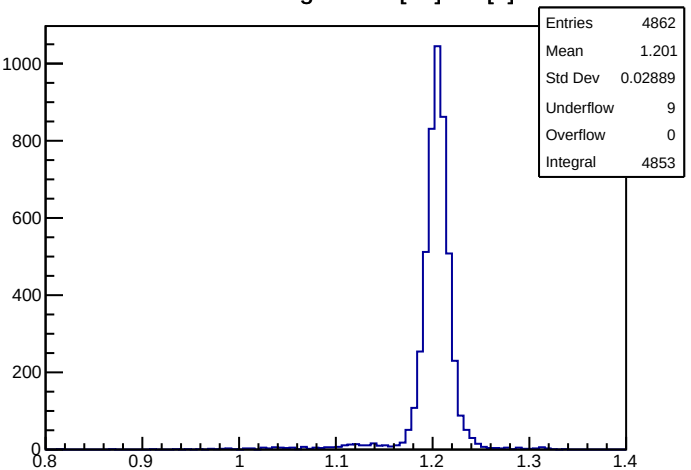

sftx all Sch[20]-Tof[8]
Entries 995
Mean 55.5
Std Dev 5.327
Underflow 1
Overflow 0
Integral 994

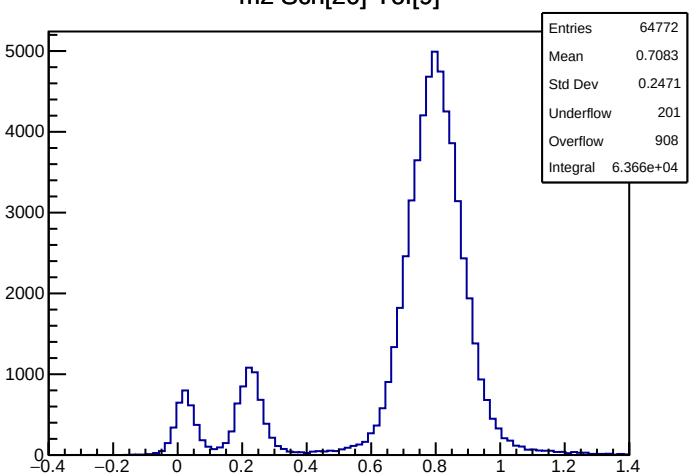

MissMass Sigma Sch[20]-Tof[8]
Entries 1219
Mean 1.216
Std Dev 0.04807
Underflow 7
Overflow 0
Integral 1212

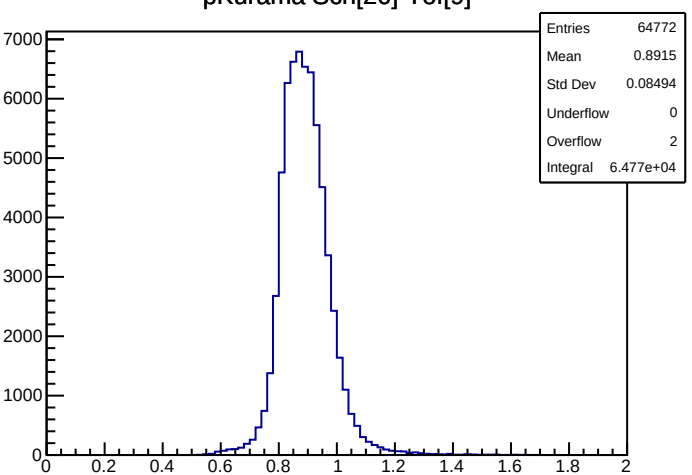

m2 Sch[20]-Tof[8]
Entries 13851
Mean 0.5994
Std Dev 0.3127
Underflow 54
Overflow 234
Integral 1.356e+04

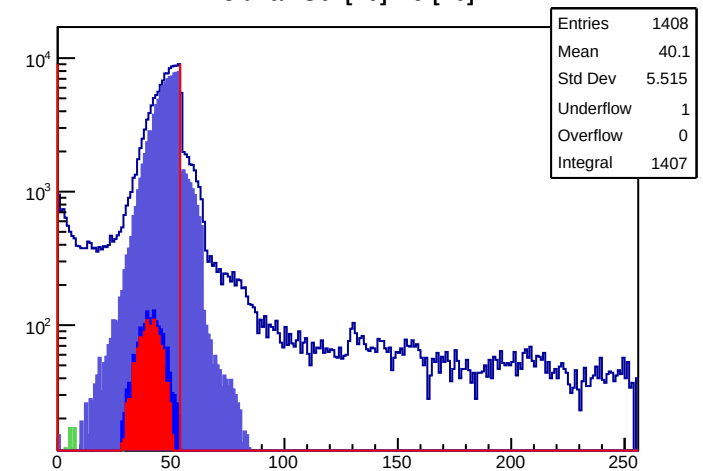

pKurama Sch[20]-Tof[8]
Entries 13851
Mean 0.8094
Std Dev 0.1122
Underflow 0
Overflow 0
Integral 1.385e+04

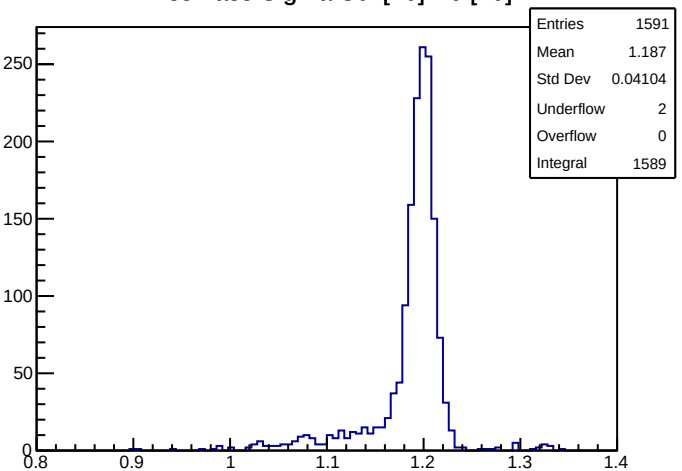

sftx all Sch[20]-Tof[9]
Entries 4641
Mean 48.67
Std Dev 5.937
Underflow 8
Overflow 0
Integral 4633

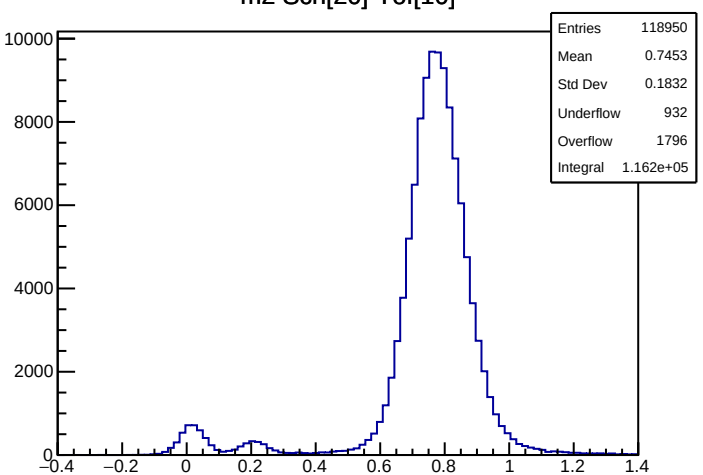

MissMass Sigma Sch[20]-Tof[9]
Entries 4862
Mean 1.201
Std Dev 0.02889
Underflow 9
Overflow 0
Integral 4853

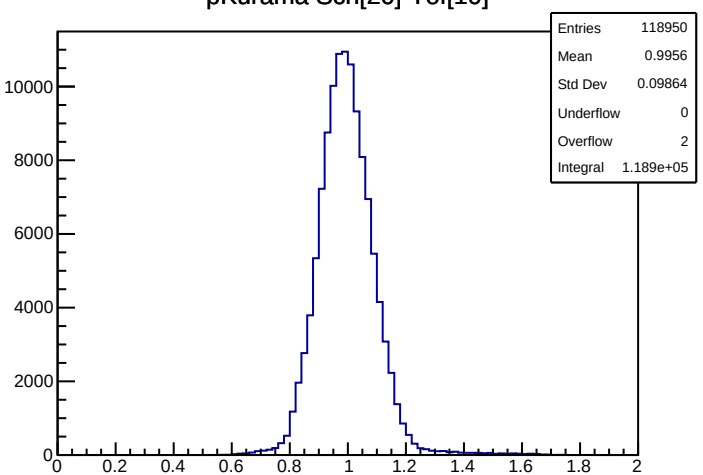

m2 Sch[20]-Tof[9]
Entries 64772
Mean 0.7083
Std Dev 0.2471
Underflow 201
Overflow 908
Integral 6.366e+04

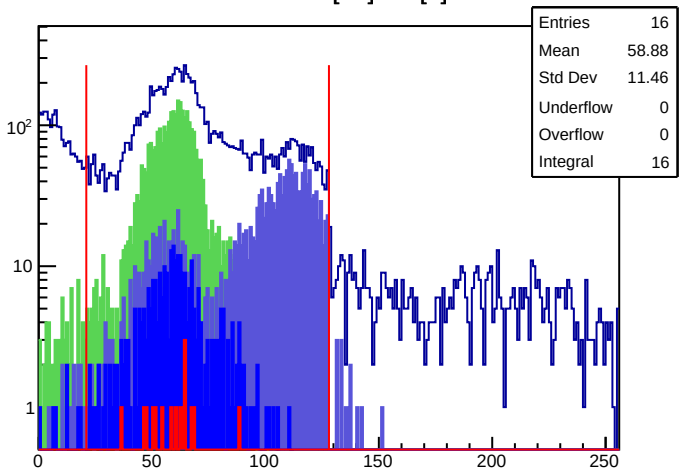

pKurama Sch[20]-Tof[9]
Entries 64772
Mean 0.8915
Std Dev 0.08494
Underflow 0
Overflow 2
Integral 6.477e+04

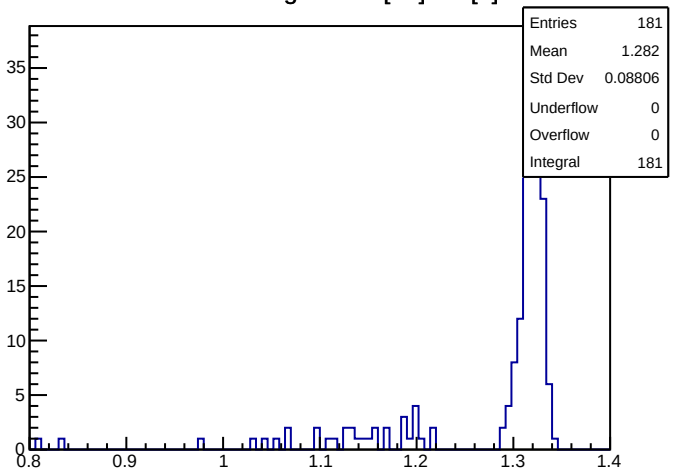

sftx all Sch[20]-Tof[10]
Entries 1408
Mean 40.1
Std Dev 5.515
Underflow 1
Overflow 0
Integral 1407

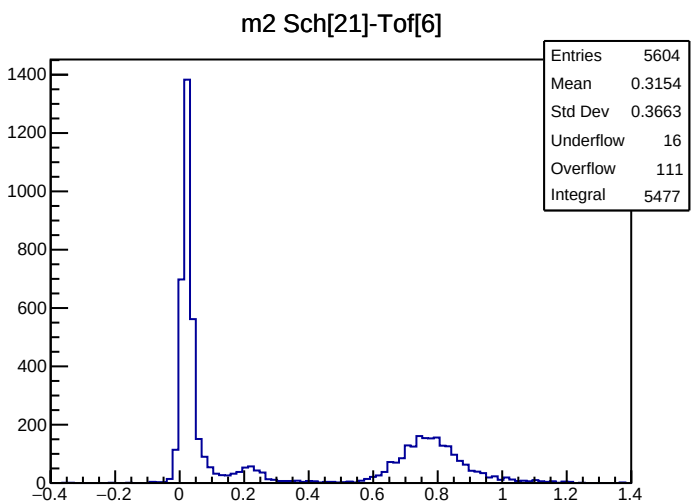

MissMass Sigma Sch[20]-Tof[10]
Entries 1591
Mean 1.187
Std Dev 0.04104
Underflow 2
Overflow 0
Integral 1589

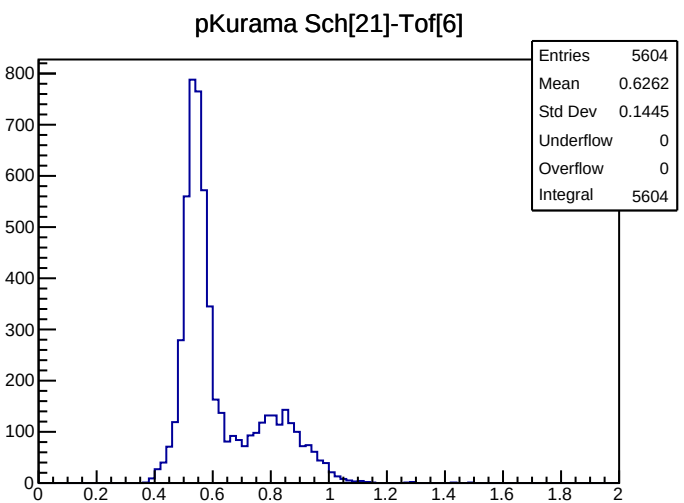

m2 Sch[20]-Tof[10]
Entries 118950
Mean 0.7453
Std Dev 0.1832
Underflow 932
Overflow 1796
Integral 1.162e+05

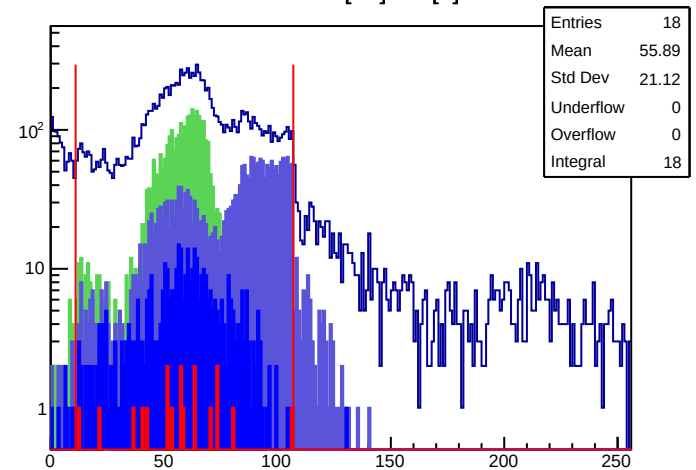

pKurama Sch[20]-Tof[10]
Entries 118950
Mean 0.9956
Std Dev 0.09864
Underflow 0
Overflow 2
Integral 1.189e+05

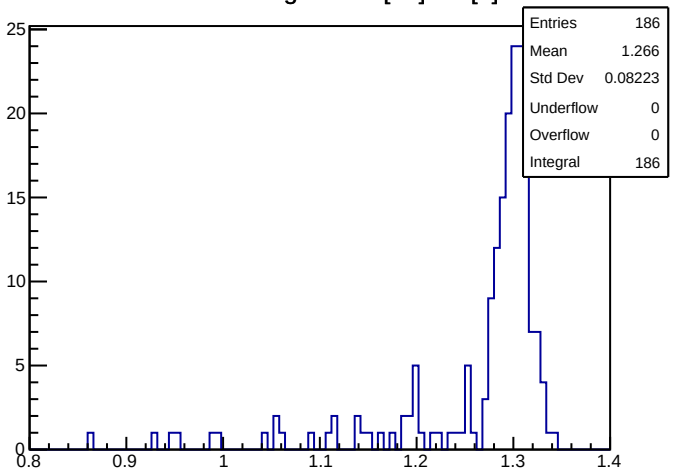

sftx all Sch[21]-Tof[6]
Entries 16
Mean 58.88
Std Dev 11.46
Underflow 0
Overflow 0
Integral 16
10²
10
1
0
50
100
150
200
250

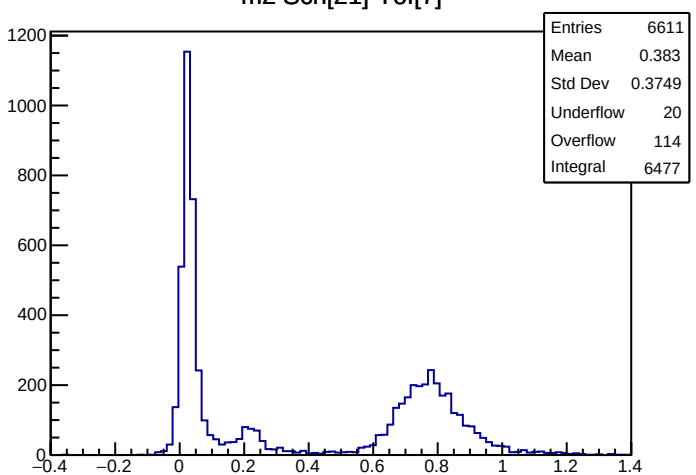

MissMass Sigma Sch[21]-Tof[6]
Entries 181
Mean 1.282
Std Dev 0.08806
Underflow 0
Overflow 0
Integral 181
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

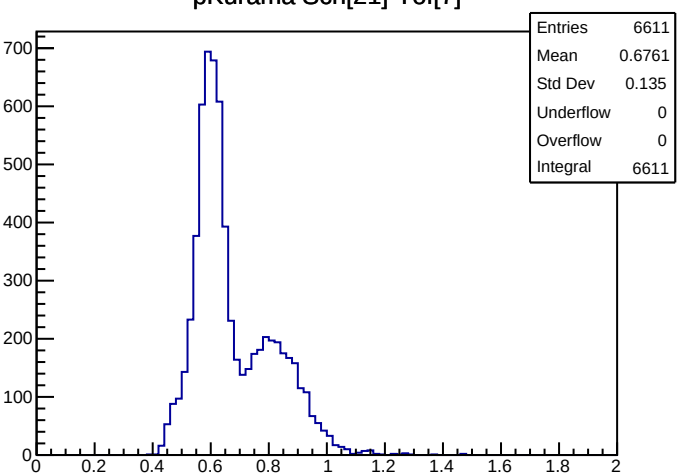

m2 Sch[21]-Tof[6]
Entries 5604
Mean 0.3154
Std Dev 0.3663
Underflow 16
Overflow 111
Integral 5477
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

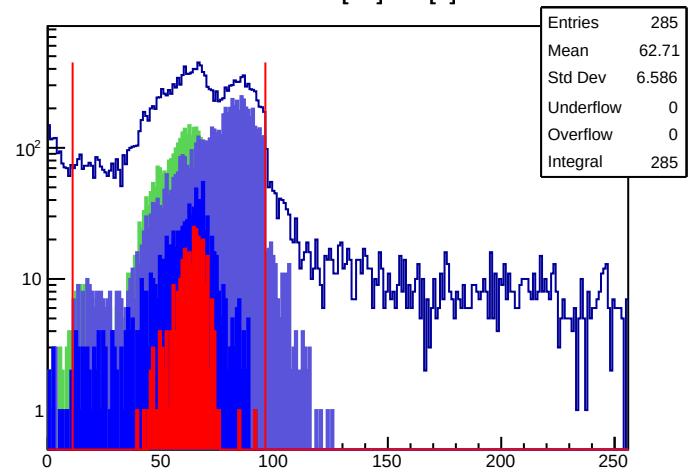

pKurama Sch[21]-Tof[6]
Entries 5604
Mean 0.6262
Std Dev 0.1445
Underflow 0
Overflow 0
Integral 5604
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

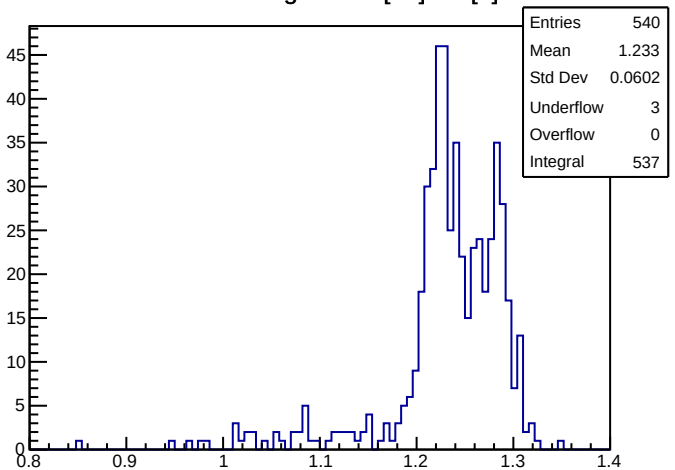

sftx all Sch[21]-Tof[7]
Entries 18
Mean 55.89
Std Dev 21.12
Underflow 0
Overflow 0
Integral 18

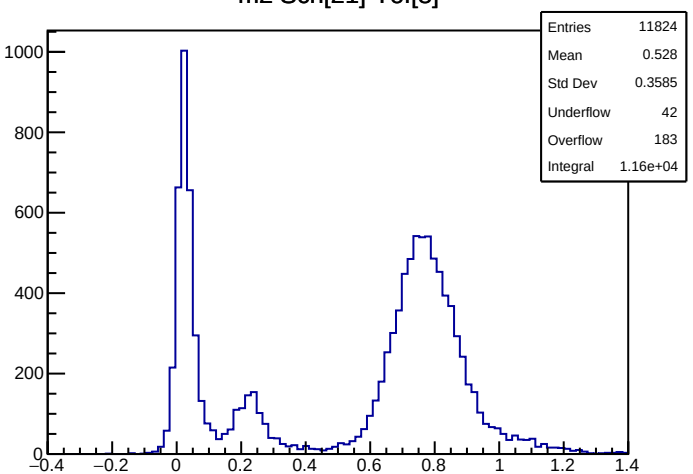

MissMass Sigma Sch[21]-Tof[7]
Entries 186
Mean 1.266
Std Dev 0.08223
Underflow 0
Overflow 0
Integral 186

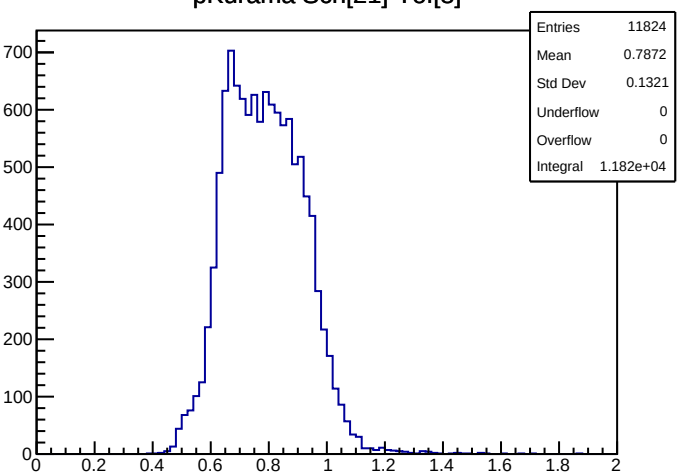

m2 Sch[21]-Tof[7]
Entries 6611
Mean 0.383
Std Dev 0.3749
Underflow 20
Overflow 114
Integral 6477

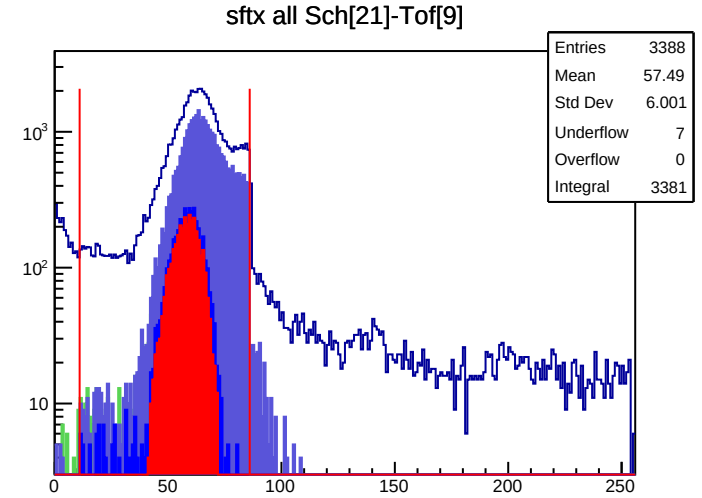

pKurama Sch[21]-Tof[7]
Entries 6611
Mean 0.6761
Std Dev 0.135
Underflow 0
Overflow 0
Integral 6611

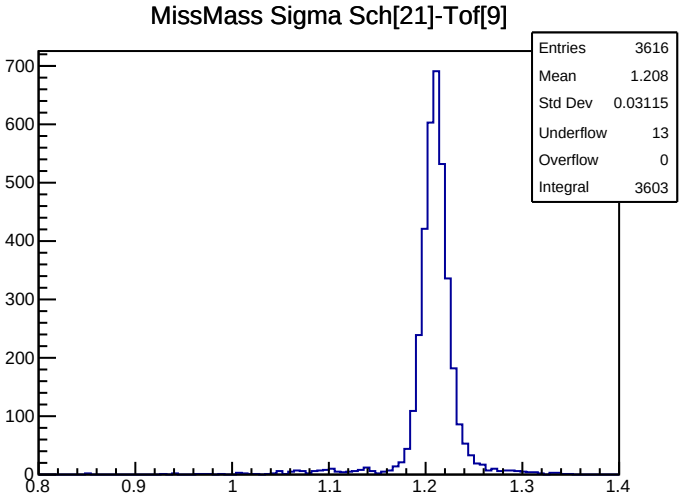

sftx all Sch[21]-Tof[8]
Entries 285
Mean 62.71
Std Dev 6.586
Underflow 0
Overflow 0
Integral 285

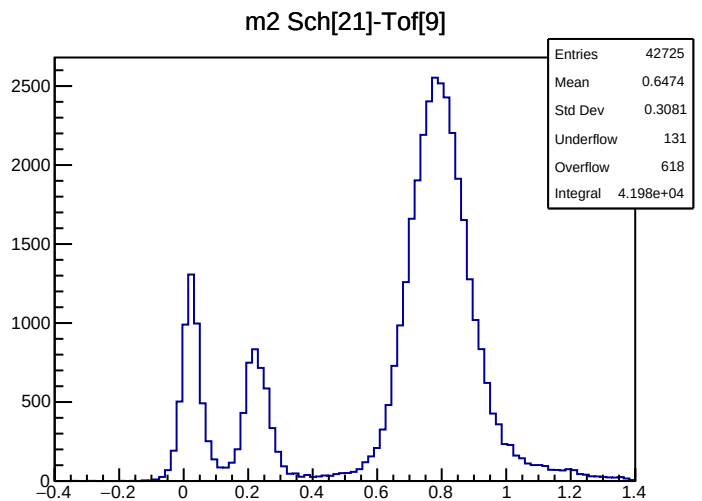

MissMass Sigma Sch[21]-Tof[8]
Entries 540
Mean 1.233
Std Dev 0.0602
Underflow 3
Overflow 0
Integral 537

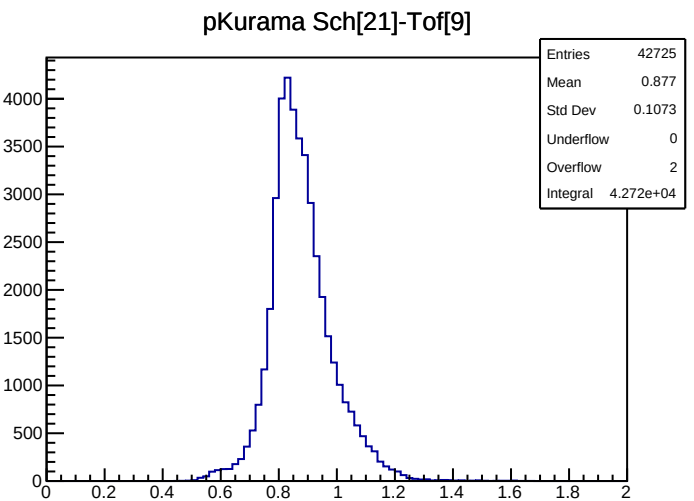

m2 Sch[21]-Tof[8]
Entries 11824
Mean 0.528
Std Dev 0.3585
Underflow 42
Overflow 183
Integral 1.16e+04

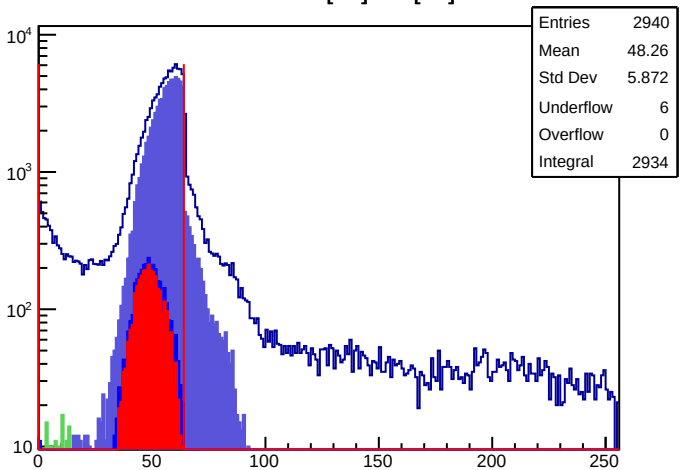

pKurama Sch[21]-Tof[8]
Entries 11824
Mean 0.7872
Std Dev 0.1321
Underflow 0
Overflow 0
Integral 1.182e+04

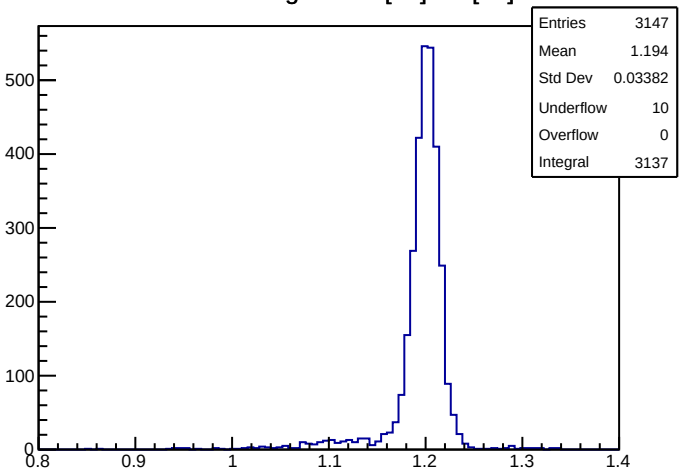

sftx all Sch[21]-Tof[9]
Entries 3388
Mean 57.49
Std Dev 6.001
Underflow 7
Overflow 0
Integral 3381

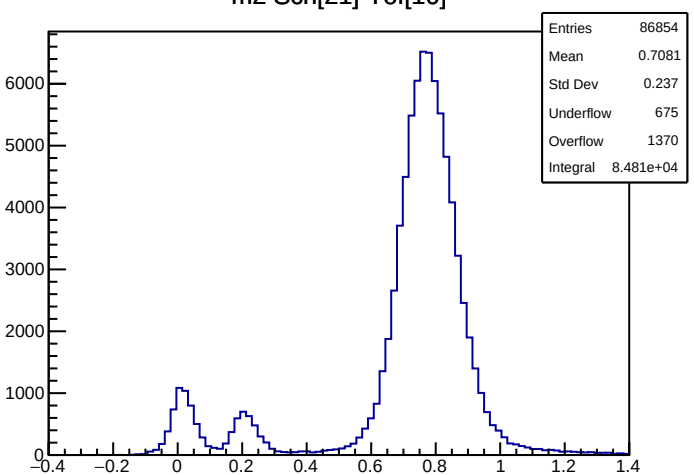

MissMass Sigma Sch[21]-Tof[9]
Entries 3616
Mean 1.208
Std Dev 0.03115
Underflow 13
Overflow 0
Integral 3603

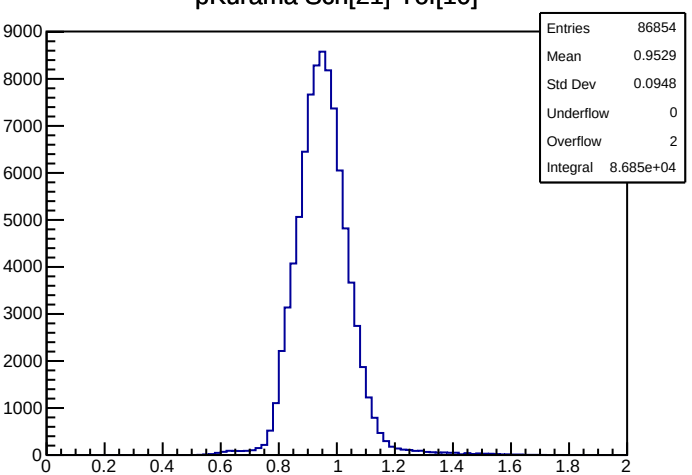

m2 Sch[21]-Tof[9]
Entries 42725
Mean 0.6474
Std Dev 0.3081
Underflow 131
Overflow 618
Integral 4.198e+04

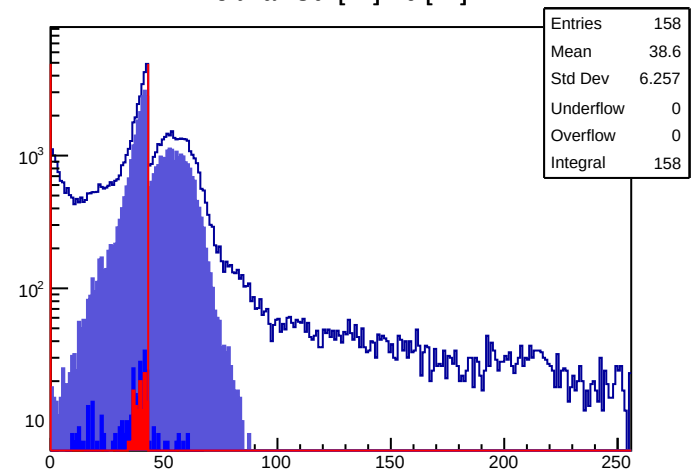

pKurama Sch[21]-Tof[9]
Entries 42725
Mean 0.877
Std Dev 0.1073
Underflow 0
Overflow 2
Integral 4.272e+04

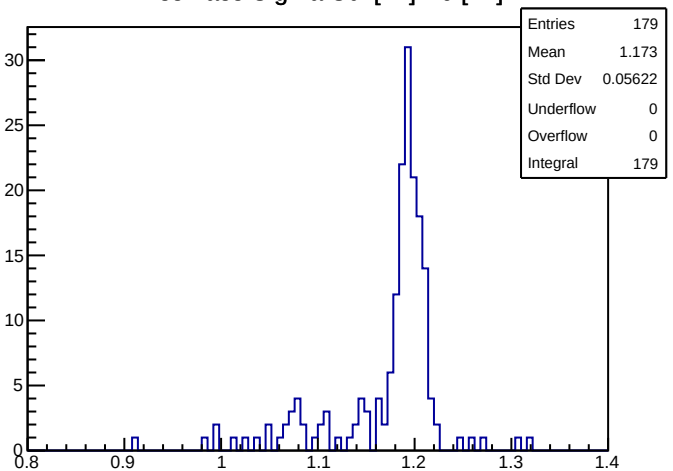

sftx all Sch[21]-Tof[10]
Entries 2940
Mean 48.26
Std Dev 5.872
Underflow 6
Overflow 0
Integral 2934

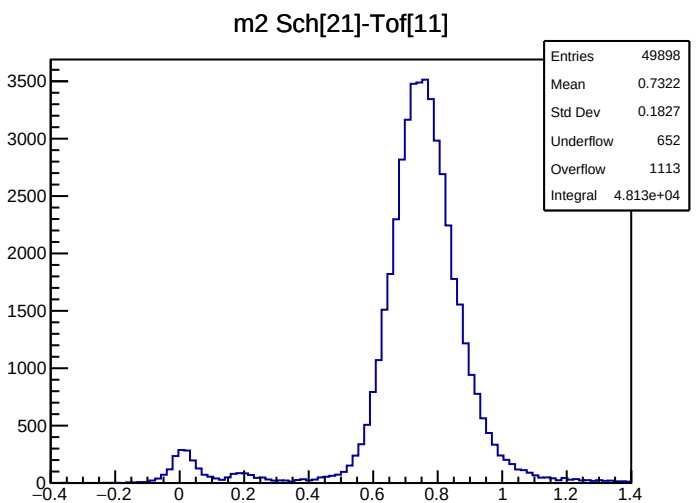

MissMass Sigma Sch[21]-Tof[10]
Entries 3147
Mean 1.194
Std Dev 0.03382
Underflow 10
Overflow 0
Integral 3137

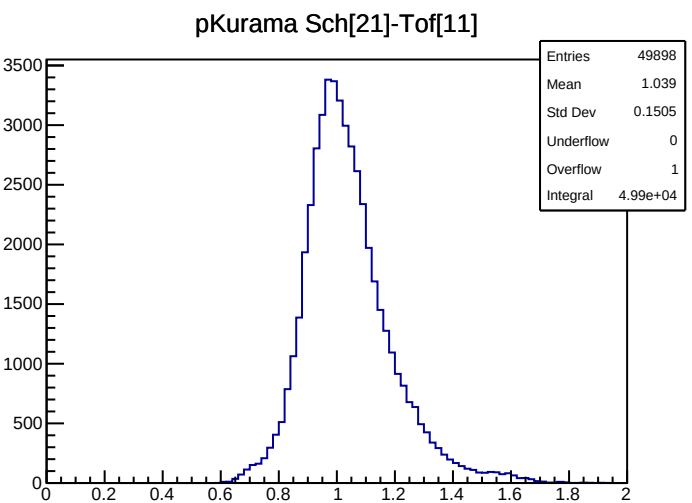

m2 Sch[21]-Tof[10]
Entries 86854
Mean 0.7081
Std Dev 0.237
Underflow 675
Overflow 1370
Integral 8.481e+04

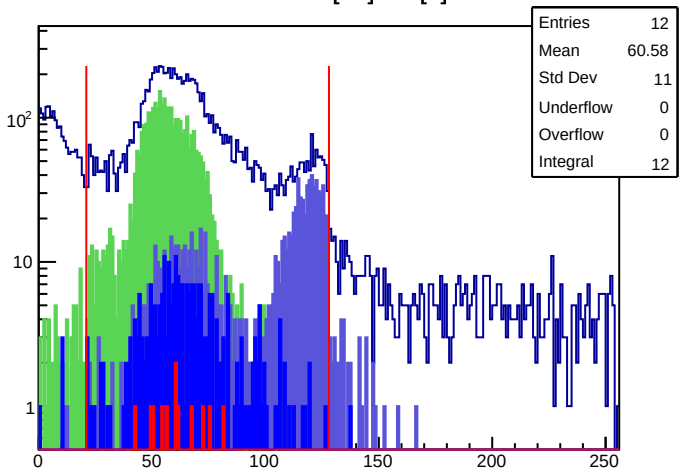

pKurama Sch[21]-Tof[10]
Entries 86854
Mean 0.9529
Std Dev 0.0948
Underflow 0
Overflow 2
Integral 8.685e+04

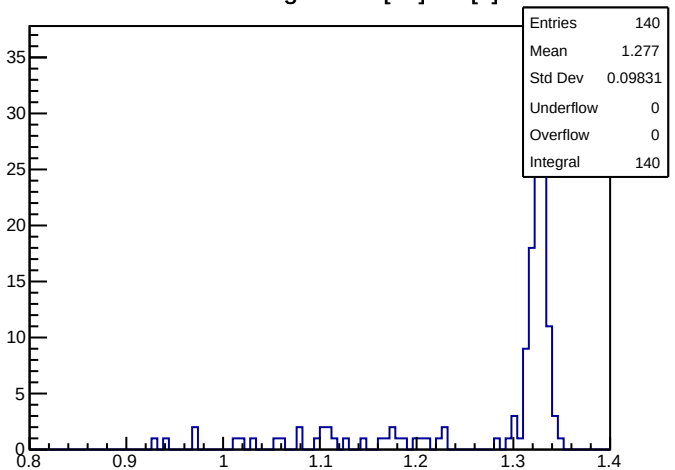

sftx all Sch[21]-Tof[11]
Entries 158
Mean 38.6
Std Dev 6.257
Underflow 0
Overflow 0
Integral 158

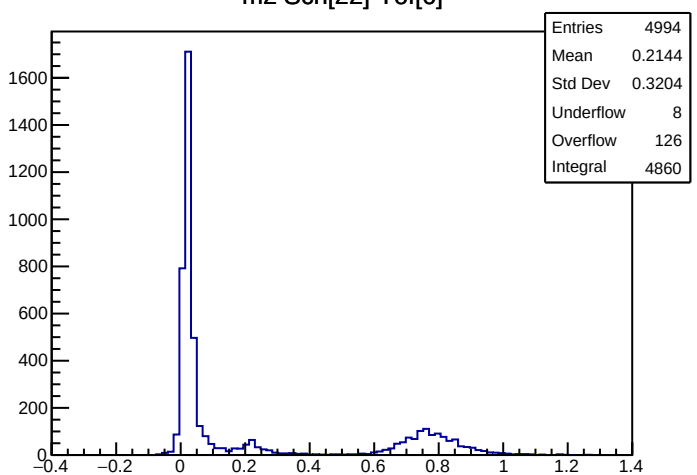

MissMass Sigma Sch[21]-Tof[11]
Entries 179
Mean 1.173
Std Dev 0.05622
Underflow 0
Overflow 0
Integral 179

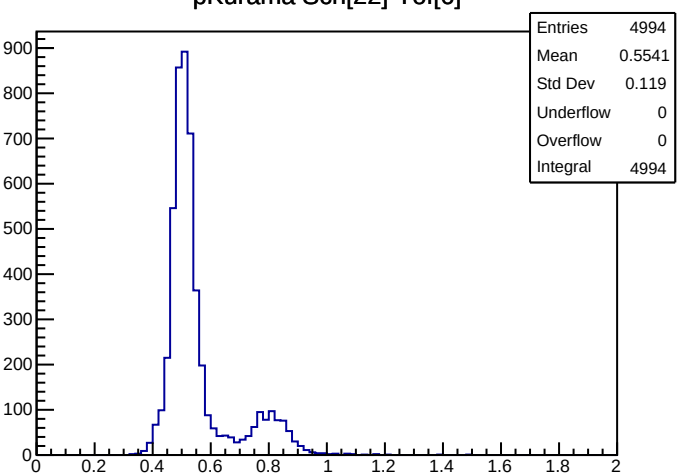

m2 Sch[21]-Tof[11]
Entries 49898
Mean 0.7322
Std Dev 0.1827
Underflow 652
Overflow 1113
Integral 4.813e+04

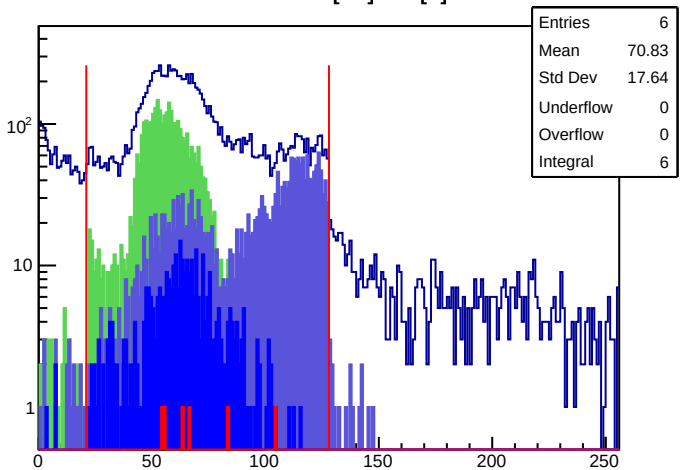

pKurama Sch[21]-Tof[11]
Entries 49898
Mean 1.039
Std Dev 0.1505
Underflow 0
Overflow 1
Integral 4.99e+04

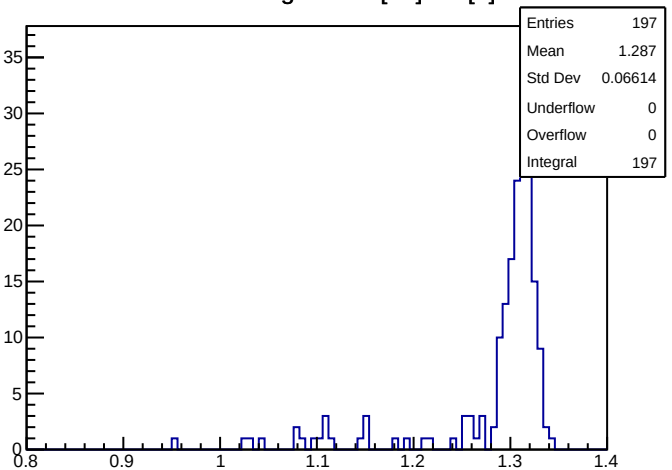

sftx all Sch[22]-Tof[6]
Entries 12
Mean 60.58
Std Dev 11
Underflow 0
Overflow 0
Integral 12

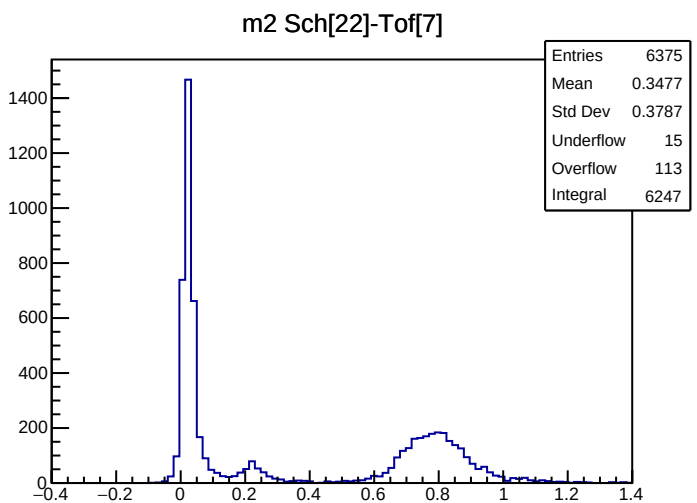

MissMass Sigma Sch[22]-Tof[6]
Entries 140
Mean 1.277
Std Dev 0.09831
Underflow 0
Overflow 0
Integral 140

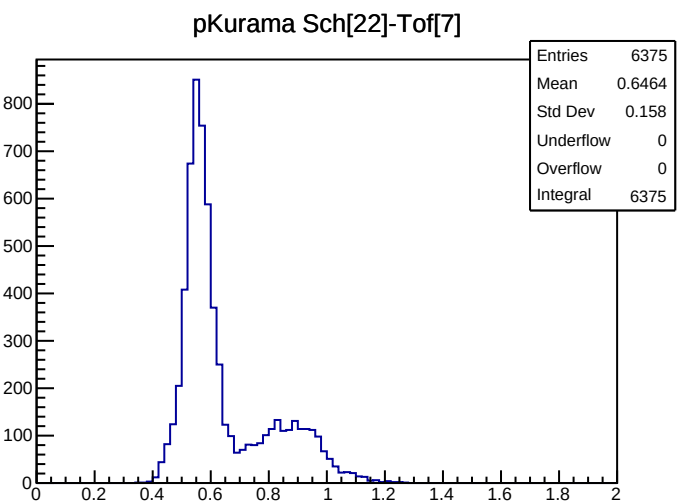

m2 Sch[22]-Tof[6]
Entries 4994
Mean 0.2144
Std Dev 0.3204
Underflow 8
Overflow 126
Integral 4860

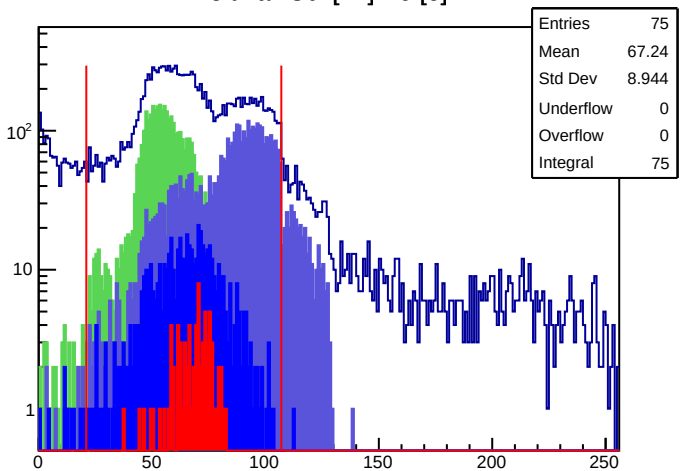

pKurama Sch[22]-Tof[6]
Entries 4994
Mean 0.5541
Std Dev 0.119
Underflow 0
Overflow 0
Integral 4994

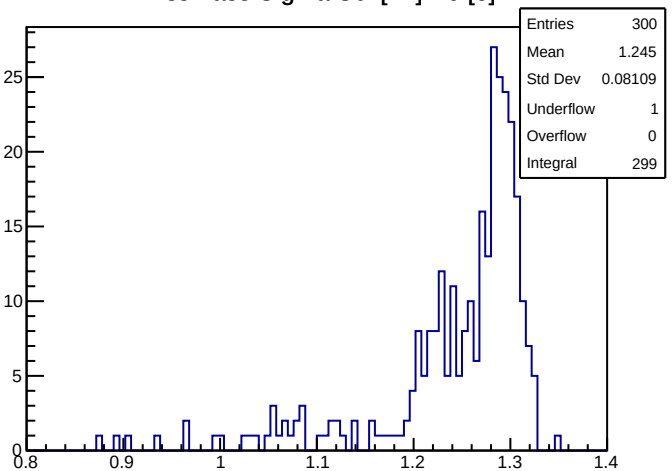

sftx all Sch[22]-Tof[7]
Entries 6
Mean 70.83
Std Dev 17.64
Underflow 0
Overflow 0
Integral 6
10^2
10
1
0
50
100
150
200
250

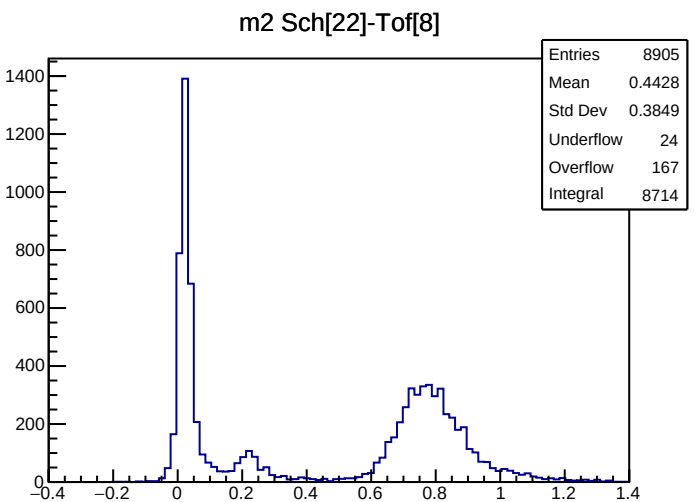

MissMass Sigma Sch[22]-Tof[7]
Entries 197
Mean 1.287
Std Dev 0.06614
Underflow 0
Overflow 0
Integral 197
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

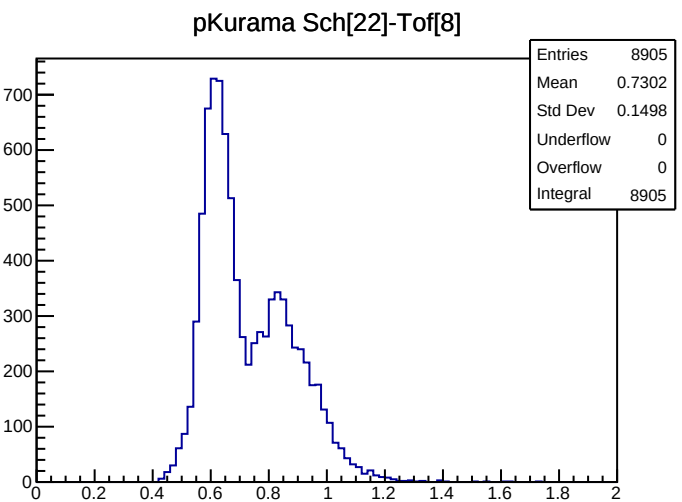

m2 Sch[22]-Tof[7]
Entries 6375
Mean 0.3477
Std Dev 0.3787
Underflow 15
Overflow 113
Integral 6247
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

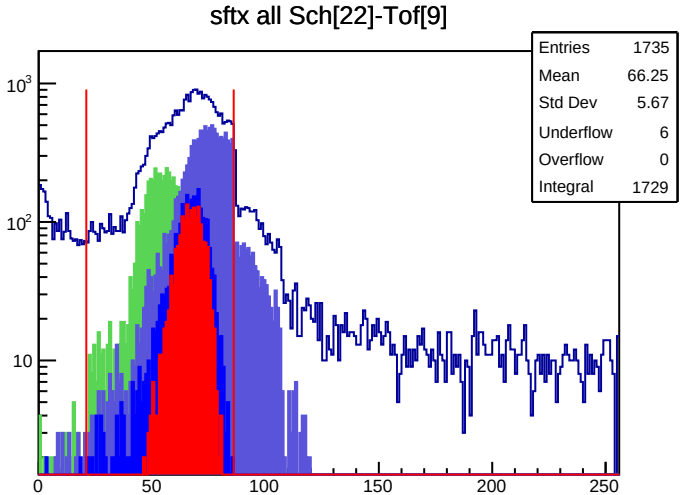

pKurama Sch[22]-Tof[7]
Entries 6375
Mean 0.6464
Std Dev 0.158
Underflow 0
Overflow 0
Integral 6375
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

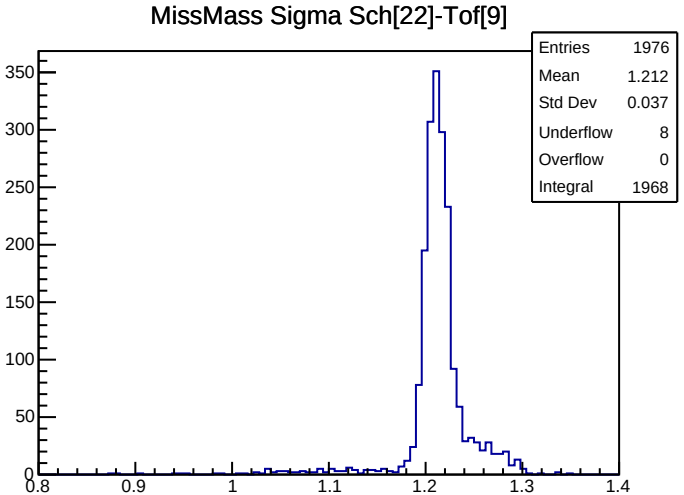

sftx all Sch[22]-Tof[8]
Entries 75
Mean 67.24
Std Dev 8.944
Underflow 0
Overflow 0
Integral 75

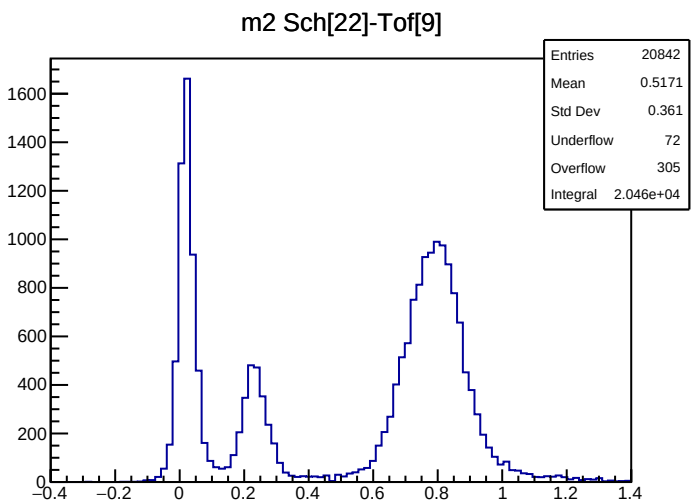

MissMass Sigma Sch[22]-Tof[8]
Entries 300
Mean 1.245
Std Dev 0.08109
Underflow 1
Overflow 0
Integral 299

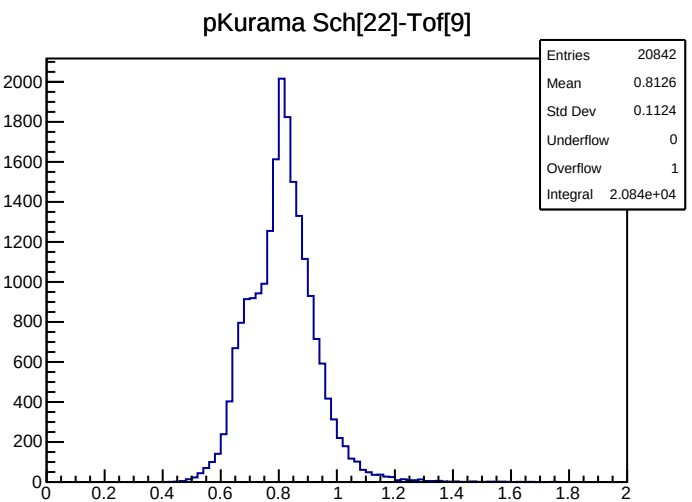

m2 Sch[22]-Tof[8]
Entries 8905
Mean 0.4428
Std Dev 0.3849
Underflow 24
Overflow 167
Integral 8714

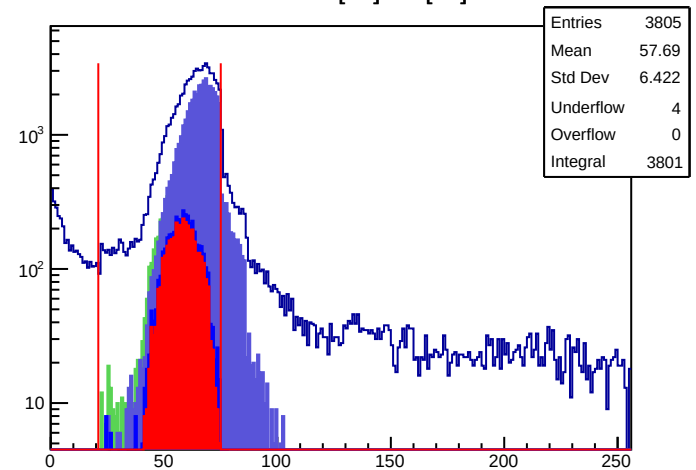

pKurama Sch[22]-Tof[8]
Entries 8905
Mean 0.7302
Std Dev 0.1498
Underflow 0
Overflow 0
Integral 8905

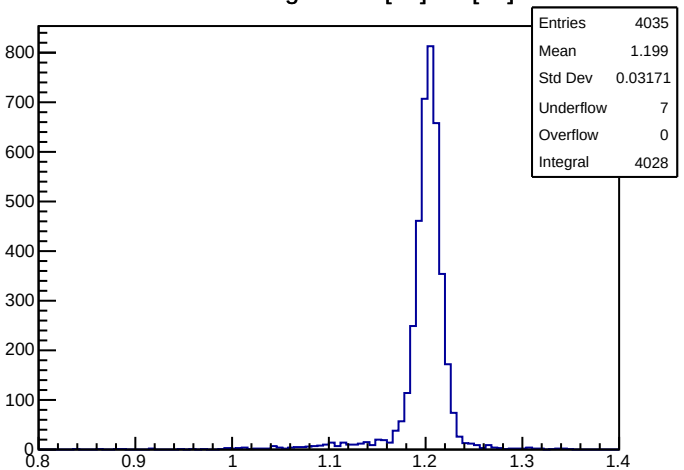

sftx all Sch[22]-Tof[9]
Entries 1735
Mean 66.25
Std Dev 5.67
Underflow 6
Overflow 0
Integral 1729

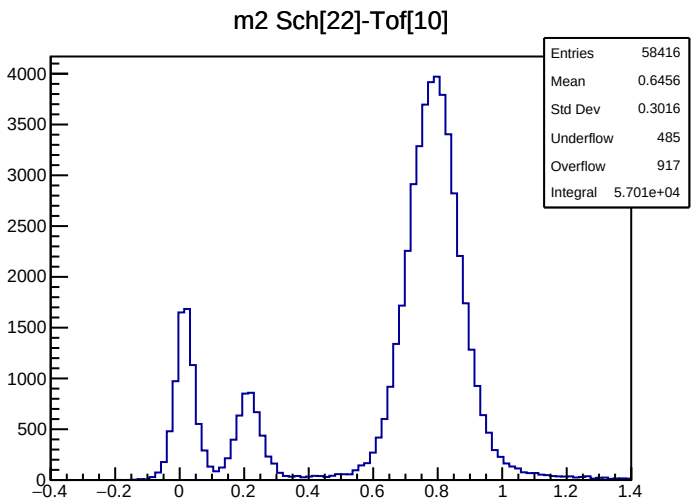

MissMass Sigma Sch[22]-Tof[9]
Entries 1976
Mean 1.212
Std Dev 0.037
Underflow 8
Overflow 0
Integral 1968

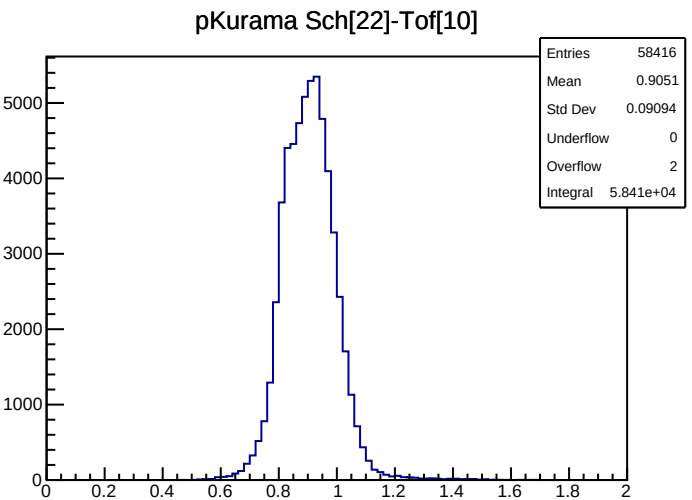

m2 Sch[22]-Tof[9]
Entries 20842
Mean 0.5171
Std Dev 0.361
Underflow 72
Overflow 305
Integral 2.046e+04

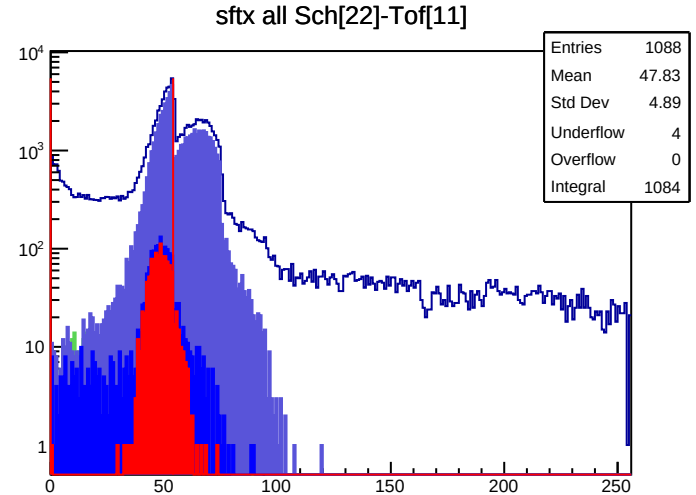

pKurama Sch[22]-Tof[9]
Entries 20842
Mean 0.8126
Std Dev 0.1124
Underflow 0
Overflow 1
Integral 2.084e+04

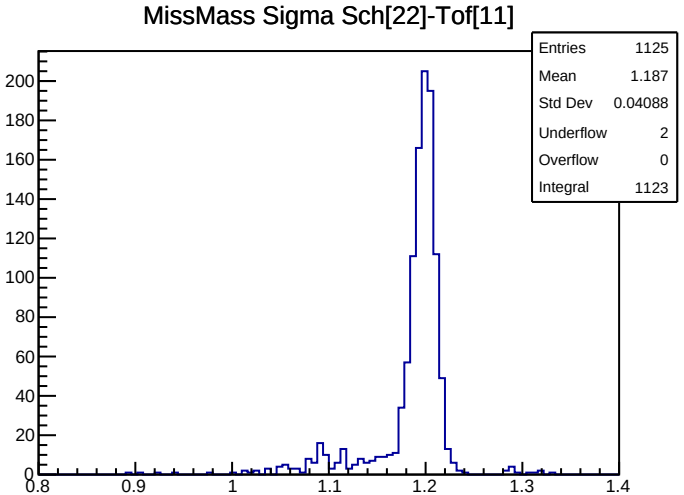

sftx all Sch[22]-Tof[10]
Entries 3805
Mean 57.69
Std Dev 6.422
Underflow 4
Overflow 0
Integral 3801

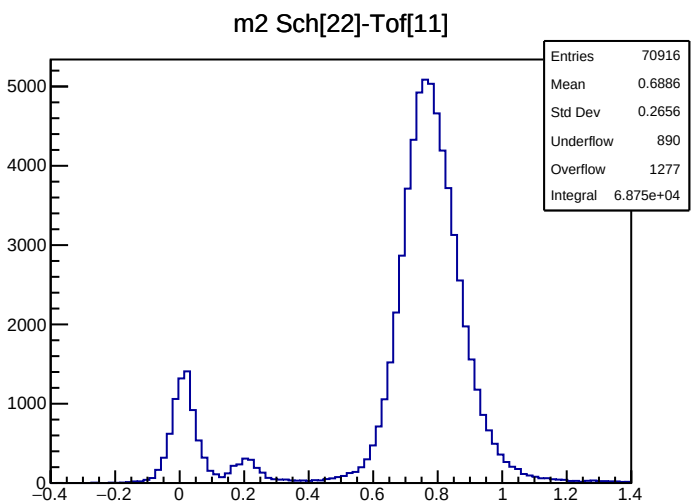

MissMass Sigma Sch[22]-Tof[10]
Entries 4035
Mean 1.199
Std Dev 0.03171
Underflow 7
Overflow 0
Integral 4028

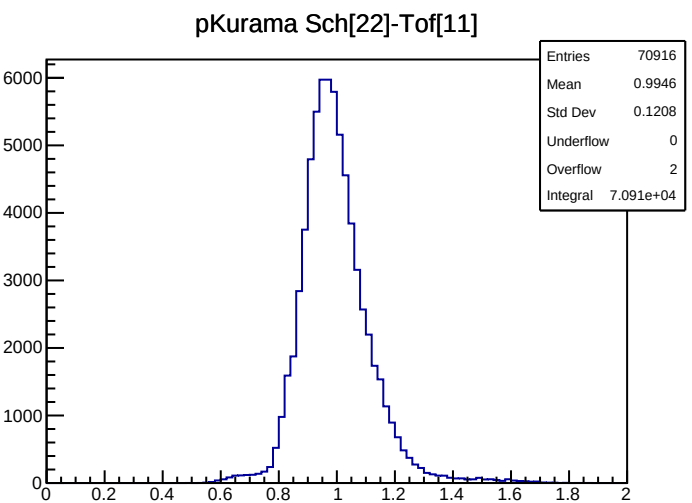

m2 Sch[22]-Tof[10]
Entries 58416
Mean 0.6456
Std Dev 0.3016
Underflow 485
Overflow 917
Integral 5.701e+04

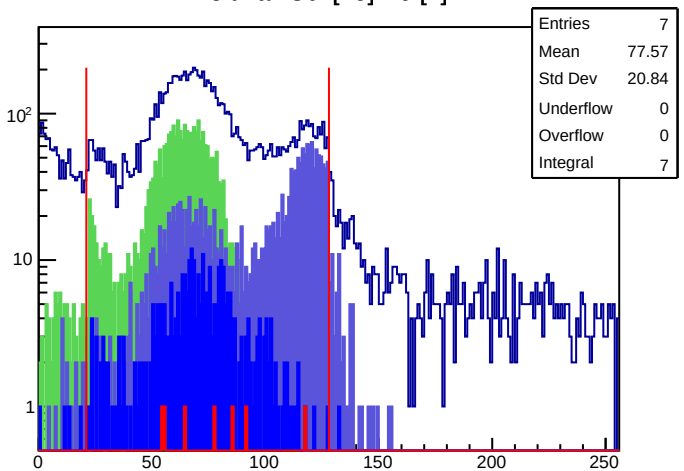

pKurama Sch[22]-Tof[10]
Entries 58416
Mean 0.9051
Std Dev 0.09094
Underflow 0
Overflow 2
Integral 5.841e+04

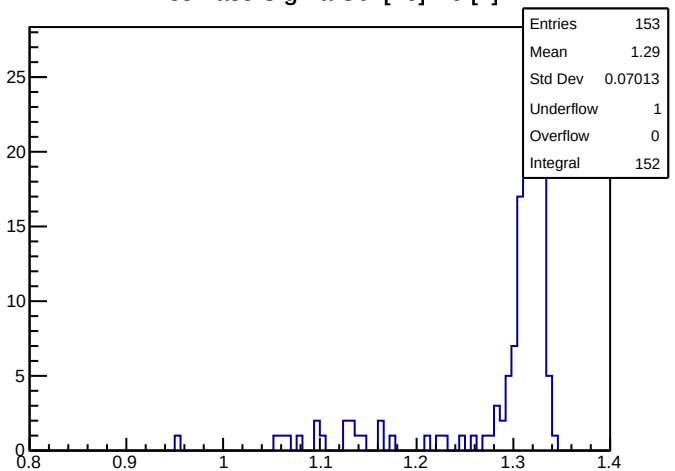

sftx all Sch[22]-Tof[11]
Entries 1088
Mean 47.83
Std Dev 4.89
Underflow 4
Overflow 0
Integral 1084

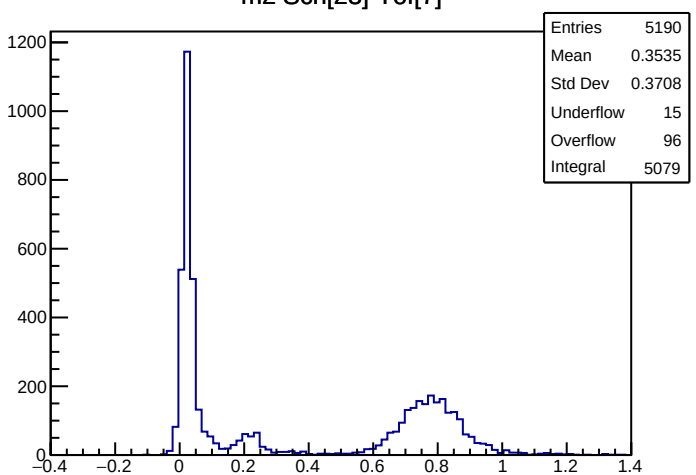

MissMass Sigma Sch[22]-Tof[11]
Entries 1125
Mean 1.187
Std Dev 0.04088
Underflow 2
Overflow 0
Integral 1123

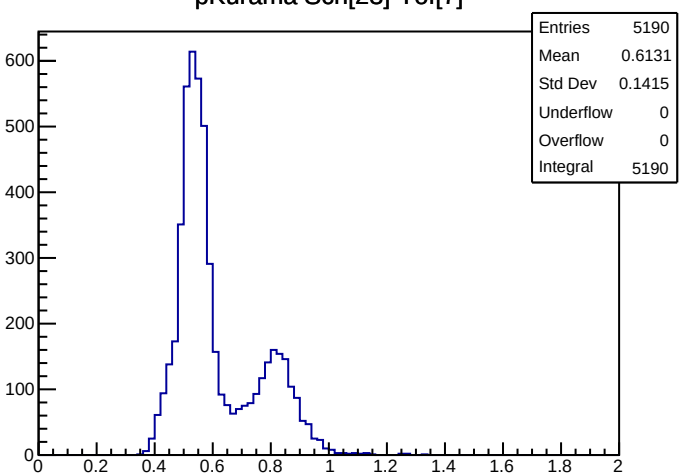

m2 Sch[22]-Tof[11]
Entries 70916
Mean 0.6886
Std Dev 0.2656
Underflow 890
Overflow 1277
Integral 6.875e+04

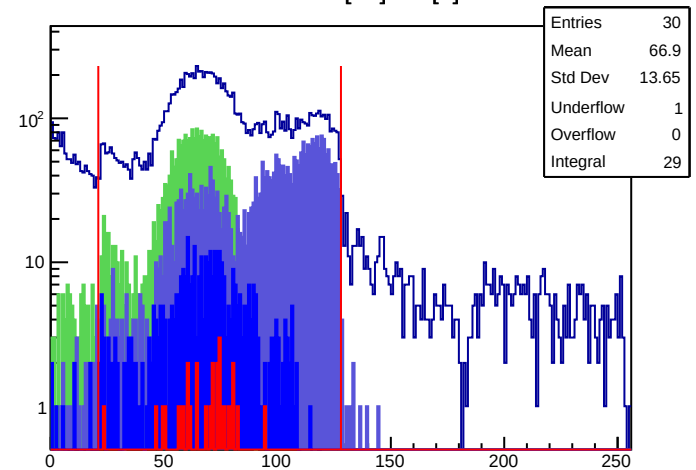

pKurama Sch[22]-Tof[11]
Entries 70916
Mean 0.9946
Std Dev 0.1208
Underflow 0
Overflow 2
Integral 7.091e+04

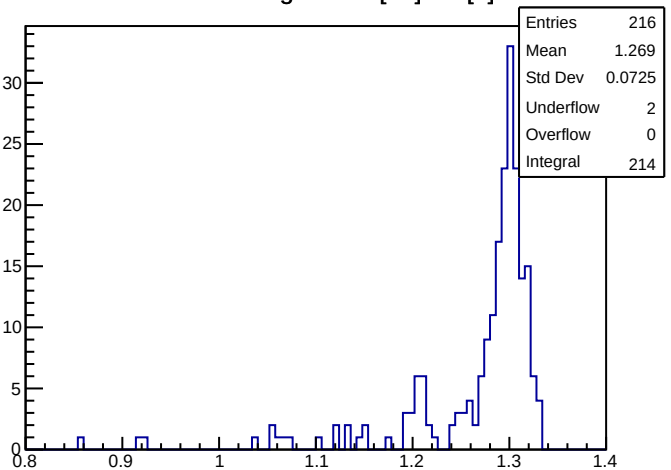

sftx all Sch[23]-Tof[7]
Entries 7
Mean 77.57
Std Dev 20.84
Underflow 0
Overflow 0
Integral 7
10²
10
1
0
50
100
150
200
250

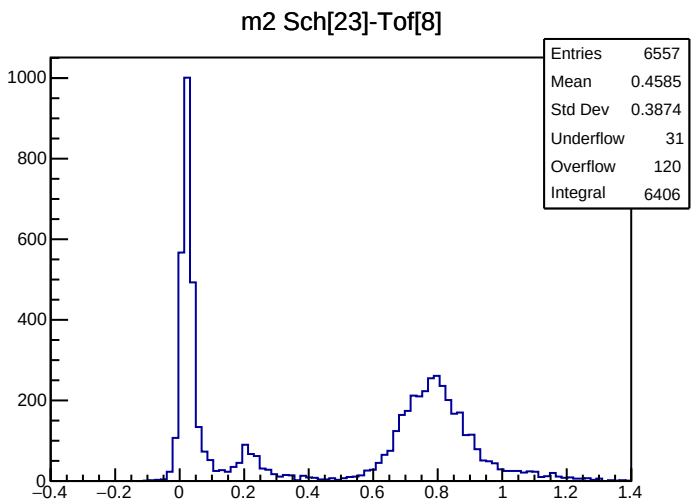

MissMass Sigma Sch[23]-Tof[7]
Entries 153
Mean 1.29
Std Dev 0.07013
Underflow 1
Overflow 0
Integral 152
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

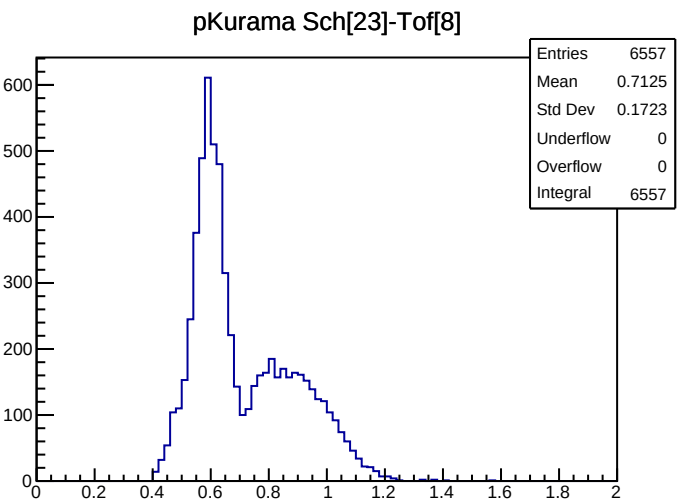

m2 Sch[23]-Tof[7]
Entries 5190
Mean 0.3535
Std Dev 0.3708
Underflow 15
Overflow 96
Integral 5079
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

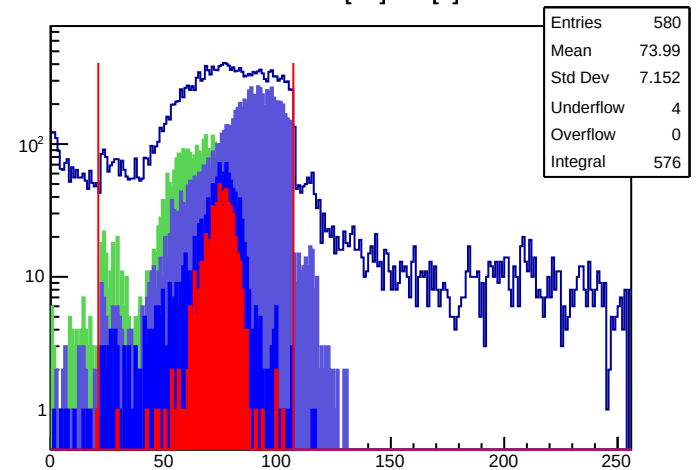

pKurama Sch[23]-Tof[7]
Entries 5190
Mean 0.6131
Std Dev 0.1415
Underflow 0
Overflow 0
Integral 5190
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

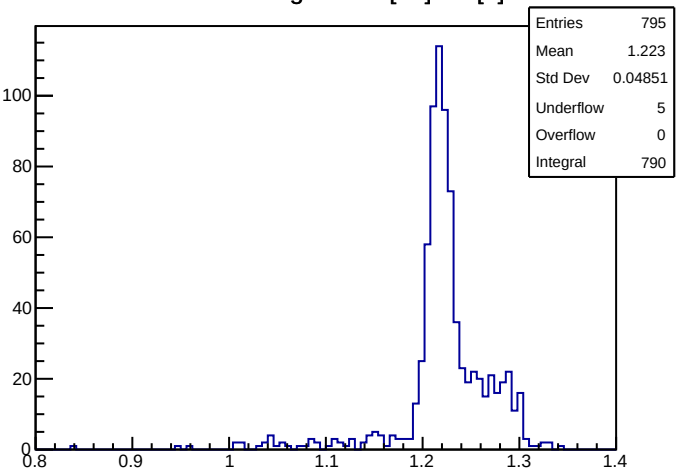

sftx all Sch[23]-Tof[8]
Entries 30
Mean 66.9
Std Dev 13.65
Underflow 1
Overflow 0
Integral 29

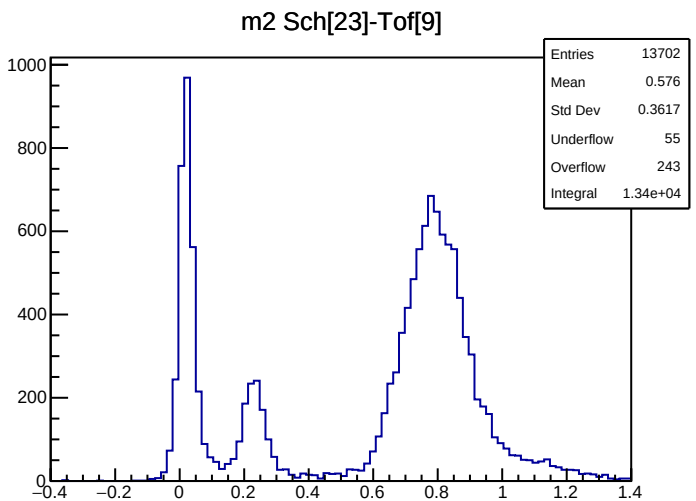

MissMass Sigma Sch[23]-Tof[8]
Entries 216
Mean 1.269
Std Dev 0.0725
Underflow 2
Overflow 0
Integral 214

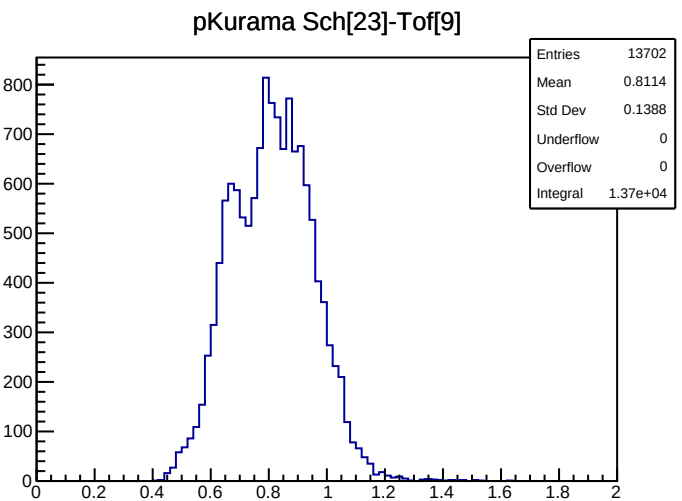

m2 Sch[23]-Tof[8]
Entries 6557
Mean 0.4585
Std Dev 0.3874
Underflow 31
Overflow 120
Integral 6406

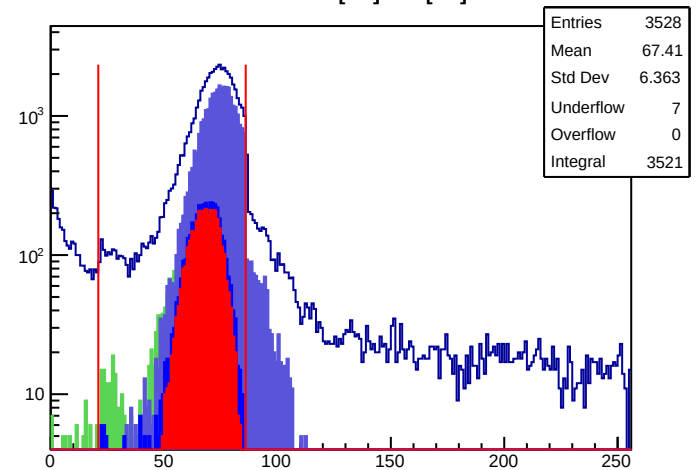

pKurama Sch[23]-Tof[8]
Entries 6557
Mean 0.7125
Std Dev 0.1723
Underflow 0
Overflow 0
Integral 6557

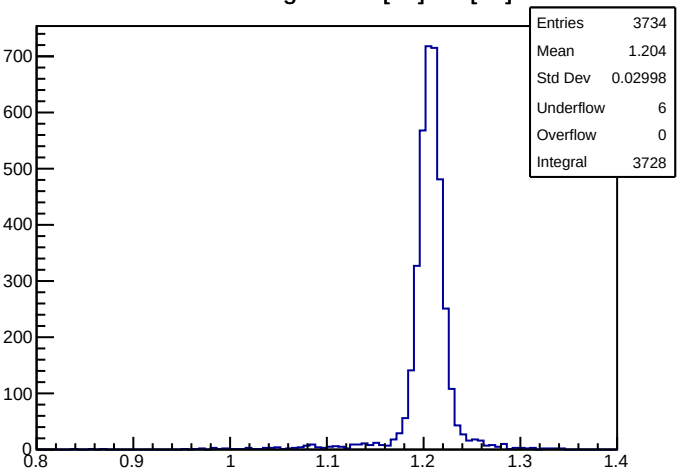

sftx all Sch[23]-Tof[9]
Entries 580
Mean 73.99
Std Dev 7.152
Underflow 4
Overflow 0
Integral 576

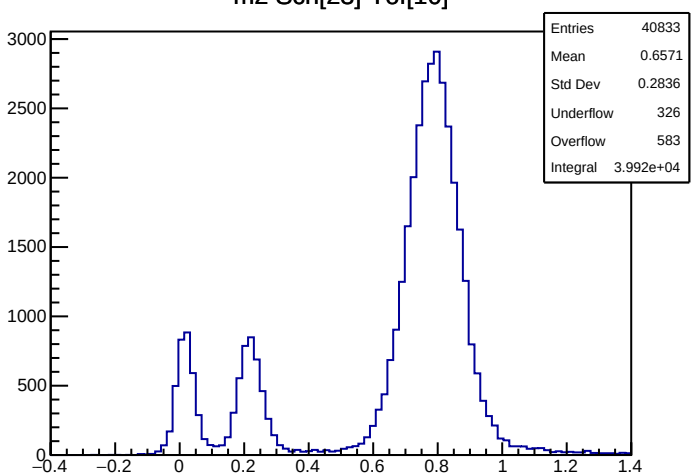

MissMass Sigma Sch[23]-Tof[9]
Entries 795
Mean 1.223
Std Dev 0.04851
Underflow 5
Overflow 0
Integral 790

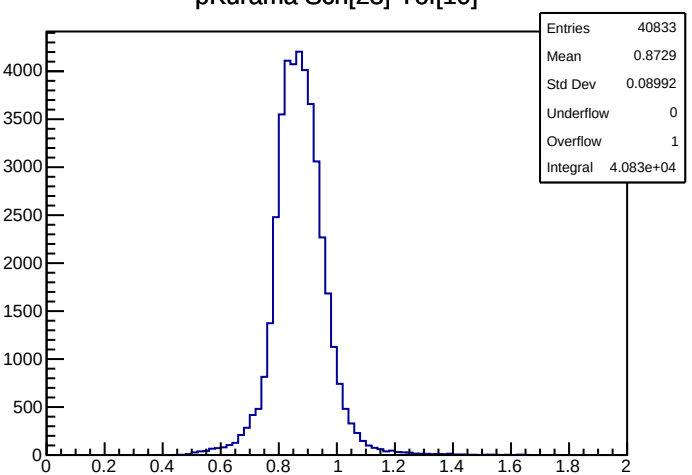

m2 Sch[23]-Tof[9]
Entries 13702
Mean 0.576
Std Dev 0.3617
Underflow 55
Overflow 243
Integral 1.34e+04

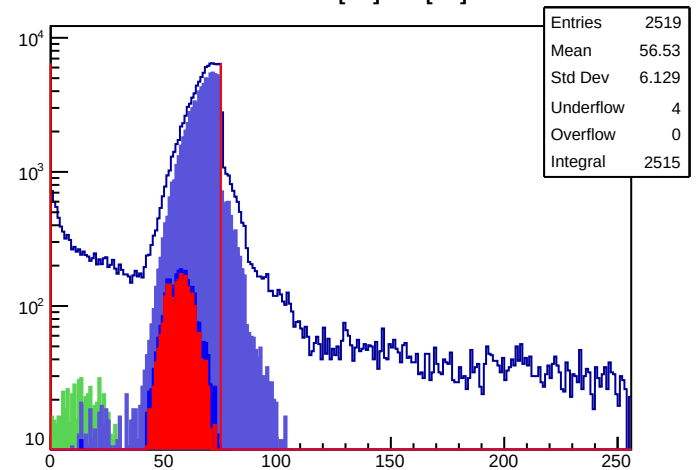

pKurama Sch[23]-Tof[9]
Entries 13702
Mean 0.8114
Std Dev 0.1388
Underflow 0
Overflow 0
Integral 1.37e+04

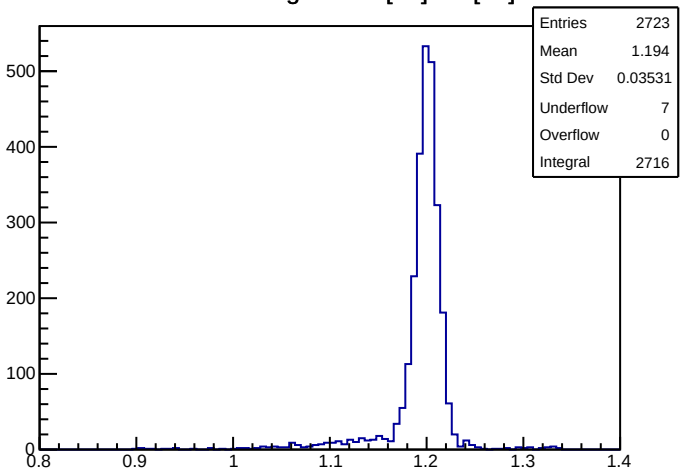

sftx all Sch[23]-Tof[10]
Entries 3528
Mean 67.41
Std Dev 6.363
Underflow 7
Overflow 0
Integral 3521

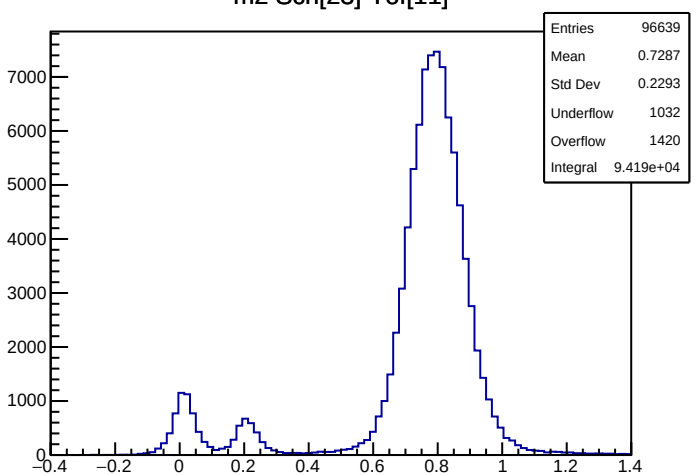

MissMass Sigma Sch[23]-Tof[10]
Entries 3734
Mean 1.204
Std Dev 0.02998
Underflow 6
Overflow 0
Integral 3728

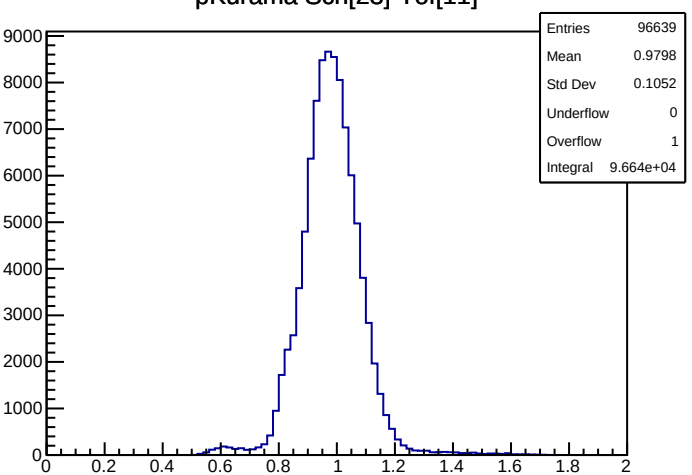

m2 Sch[23]-Tof[10]
Entries 40833
Mean 0.6571
Std Dev 0.2836
Underflow 326
Overflow 583
Integral 3.992e+04

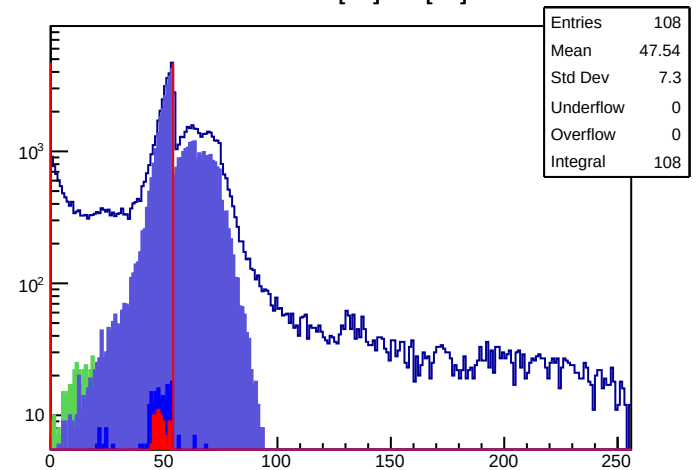

pKurama Sch[23]-Tof[10]
Entries 40833
Mean 0.8729
Std Dev 0.08992
Underflow 0
Overflow 1
Integral 4.083e+04

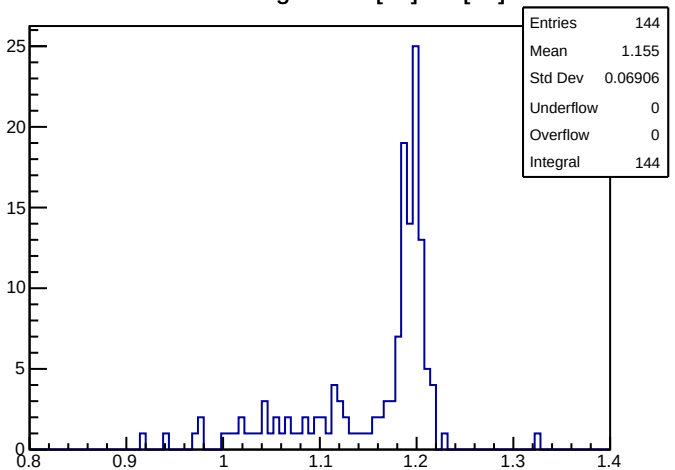

sftx all Sch[23]-Tof[11]
Entries 2519
Mean 56.53
Std Dev 6.129
Underflow 4
Overflow 0
Integral 2515

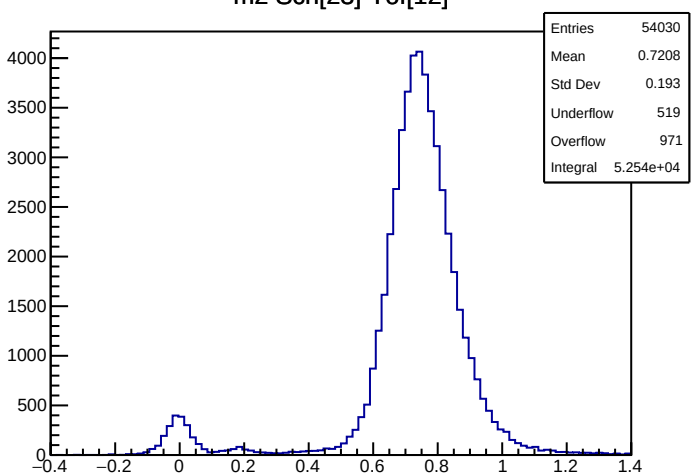

MissMass Sigma Sch[23]-Tof[11]
Entries 2723
Mean 1.194
Std Dev 0.03531
Underflow 7
Overflow 0
Integral 2716

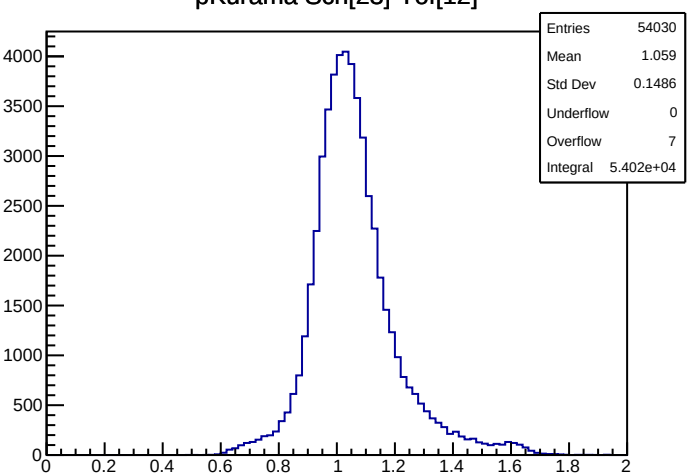

m2 Sch[23]-Tof[11]
Entries 96639
Mean 0.7287
Std Dev 0.2293
Underflow 1032
Overflow 1420
Integral 9.419e+04

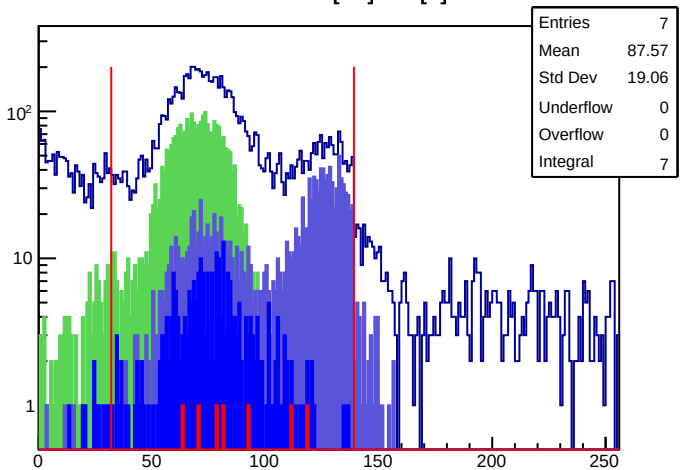

pKurama Sch[23]-Tof[11]
Entries 96639
Mean 0.9798
Std Dev 0.1052
Underflow 0
Overflow 1
Integral 9.664e+04

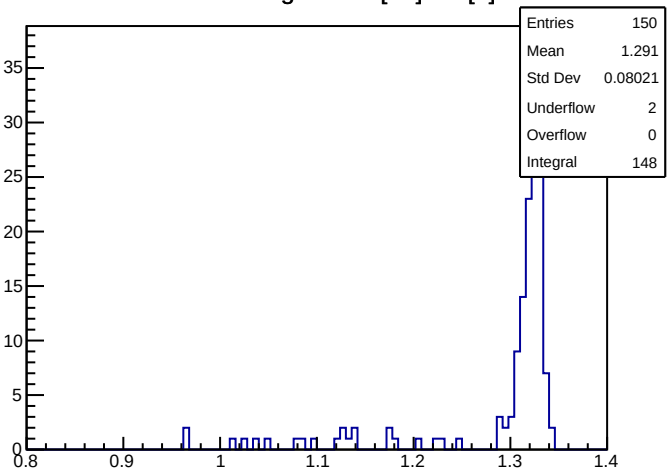

sftx all Sch[23]-Tof[12]
Entries 108
Mean 47.54
Std Dev 7.3
Underflow 0
Overflow 0
Integral 108

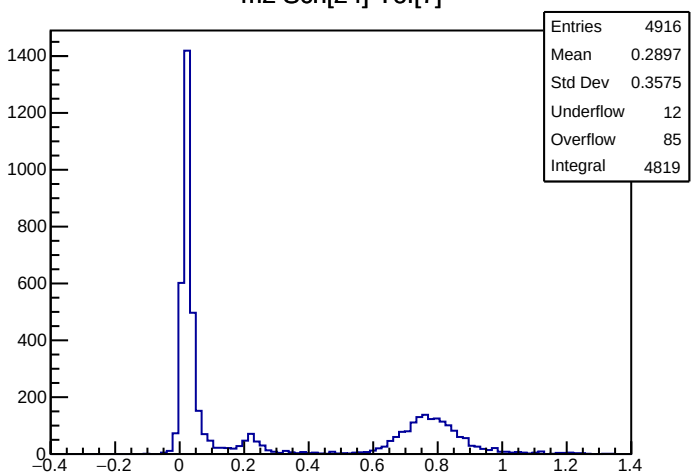

MissMass Sigma Sch[23]-Tof[12]
Entries 144
Mean 1.155
Std Dev 0.06906
Underflow 0
Overflow 0
Integral 144

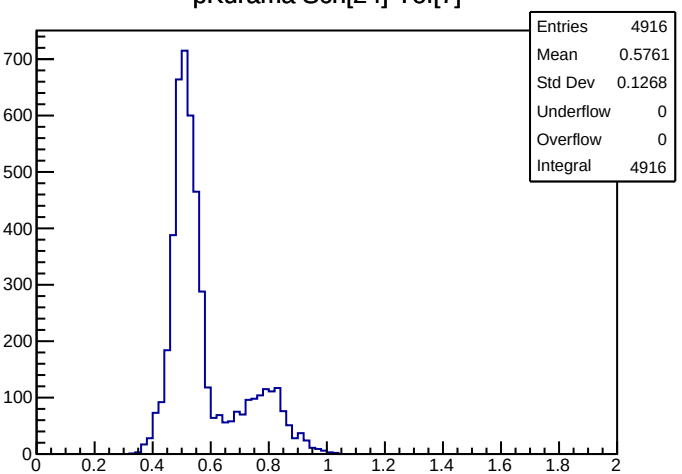

m2 Sch[23]-Tof[12]
Entries 54030
Mean 0.7208
Std Dev 0.193
Underflow 519
Overflow 971
Integral 5.254e+04

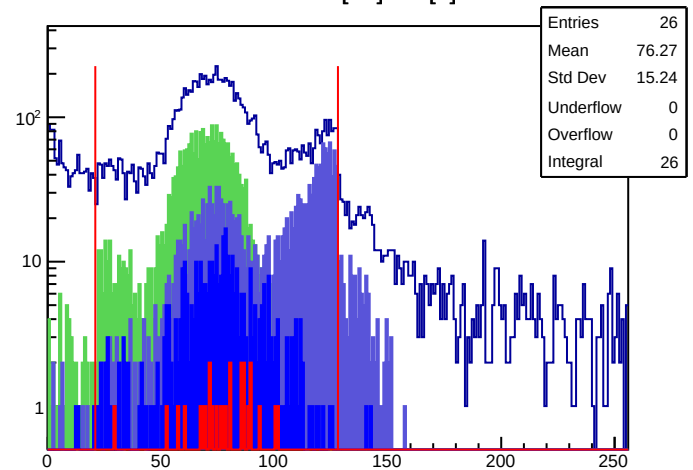

pKurama Sch[23]-Tof[12]
Entries 54030
Mean 1.059
Std Dev 0.1486
Underflow 0
Overflow 7
Integral 5.402e+04

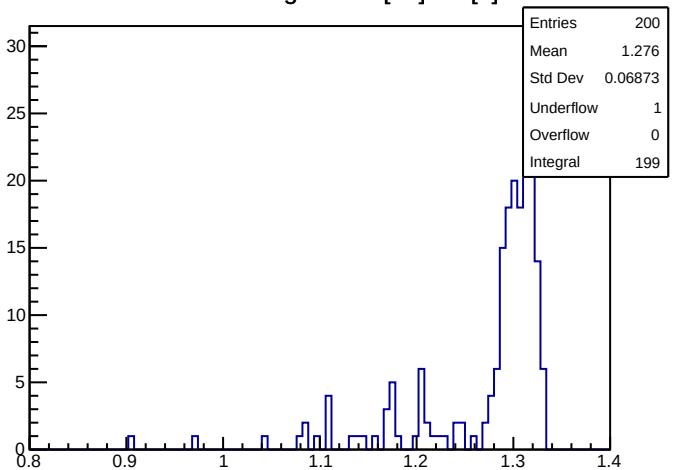

sftx all Sch[24]-Tof[7]
Entries 7
Mean 87.57
Std Dev 19.06
Underflow 0
Overflow 0
Integral 7

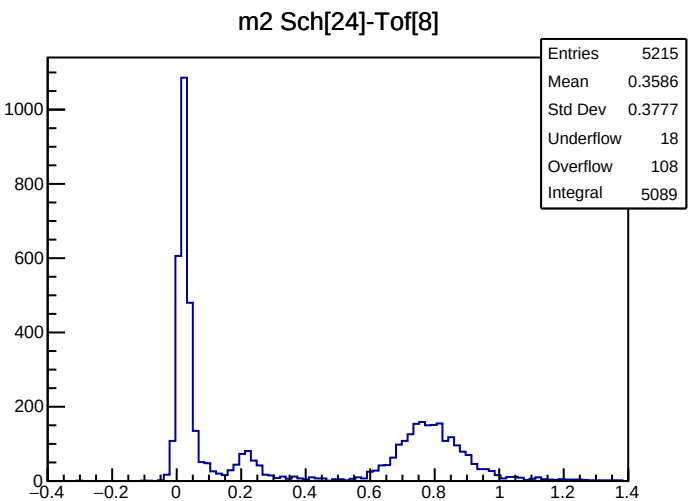

MissMass Sigma Sch[24]-Tof[7]
Entries 150
Mean 1.291
Std Dev 0.08021
Underflow 2
Overflow 0
Integral 148

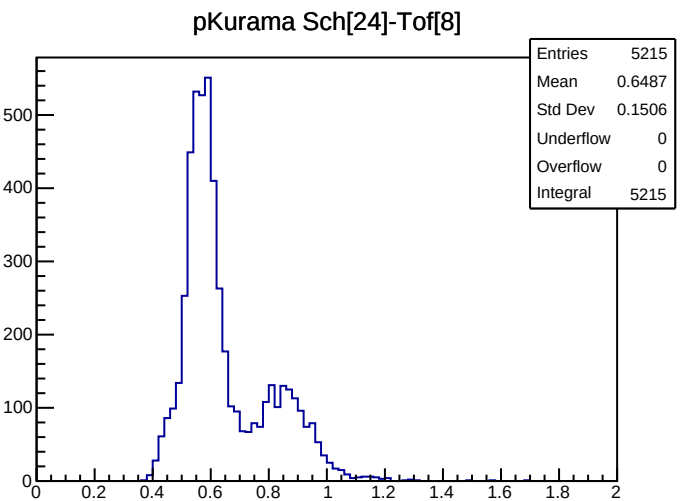

m2 Sch[24]-Tof[7]
Entries 4916
Mean 0.2897
Std Dev 0.3575
Underflow 12
Overflow 85
Integral 4819

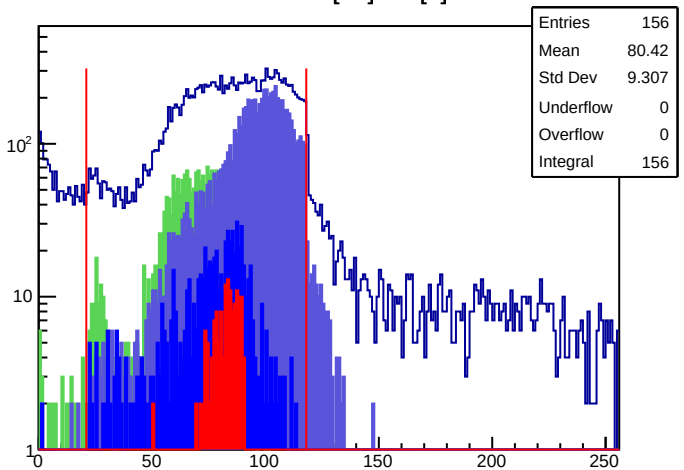

pKurama Sch[24]-Tof[7]
Entries 4916
Mean 0.5761
Std Dev 0.1268
Underflow 0
Overflow 0
Integral 4916

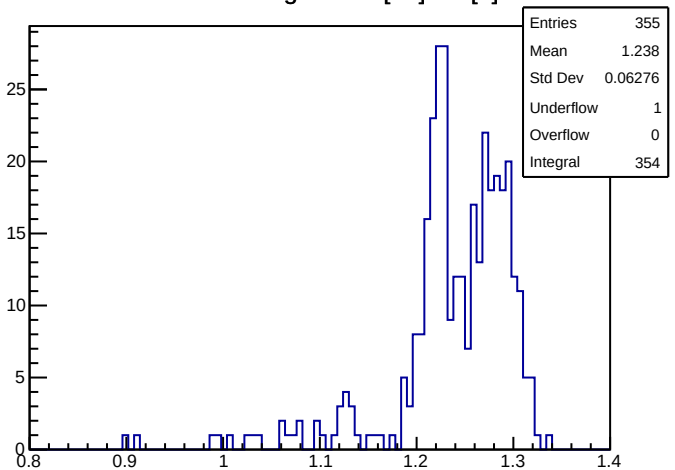

sftx all Sch[24]-Tof[8]
Entries 26
Mean 76.27
Std Dev 15.24
Underflow 0
Overflow 0
Integral 26

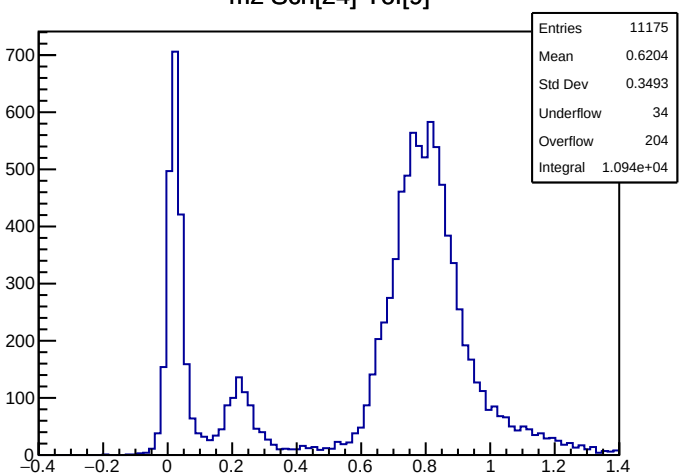

MissMass Sigma Sch[24]-Tof[8]
Entries 200
Mean 1.276
Std Dev 0.06873
Underflow 1
Overflow 0
Integral 199

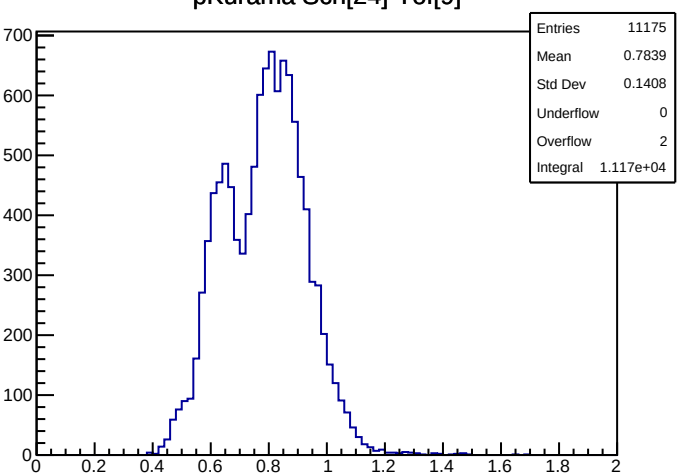

m2 Sch[24]-Tof[8]
Entries 5215
Mean 0.3586
Std Dev 0.3777
Underflow 18
Overflow 108
Integral 5089

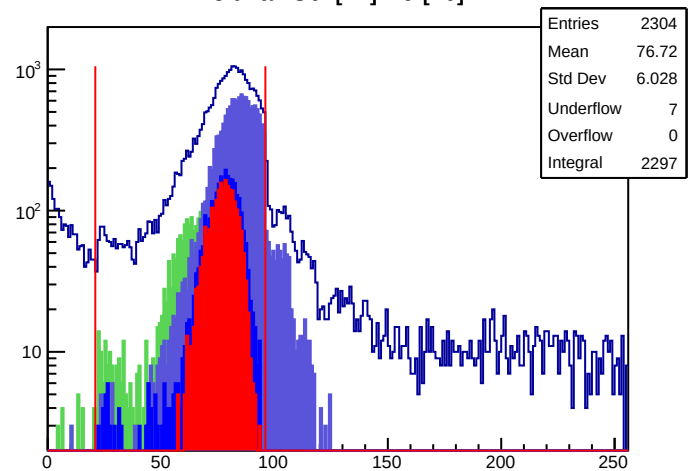

pKurama Sch[24]-Tof[8]
Entries 5215
Mean 0.6487
Std Dev 0.1506
Underflow 0
Overflow 0
Integral 5215

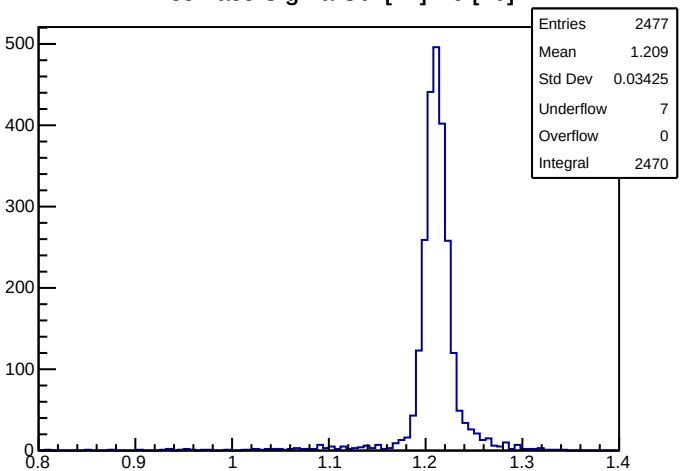

sftx all Sch[24]-Tof[9]
Entries 156
Mean 80.42
Std Dev 9.307
Underflow 0
Overflow 0
Integral 156

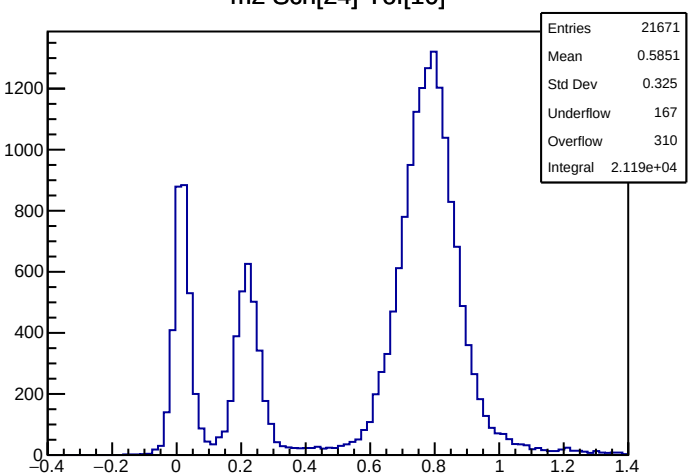

MissMass Sigma Sch[24]-Tof[9]
Entries 355
Mean 1.238
Std Dev 0.06276
Underflow 1
Overflow 0
Integral 354

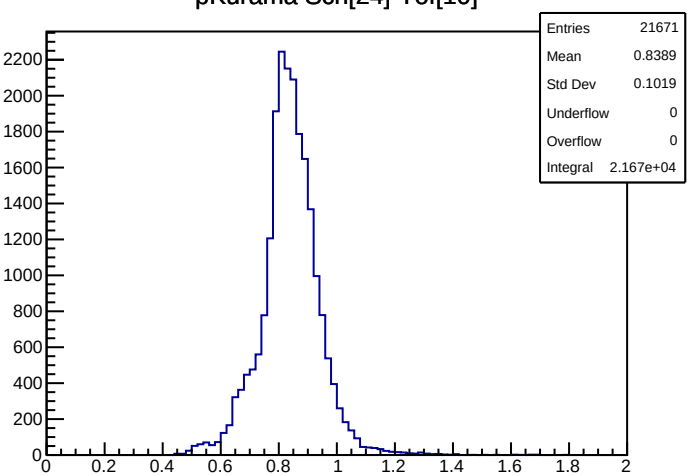

m2 Sch[24]-Tof[9]
Entries 11175
Mean 0.6204
Std Dev 0.3493
Underflow 34
Overflow 204
Integral 1.094e+04

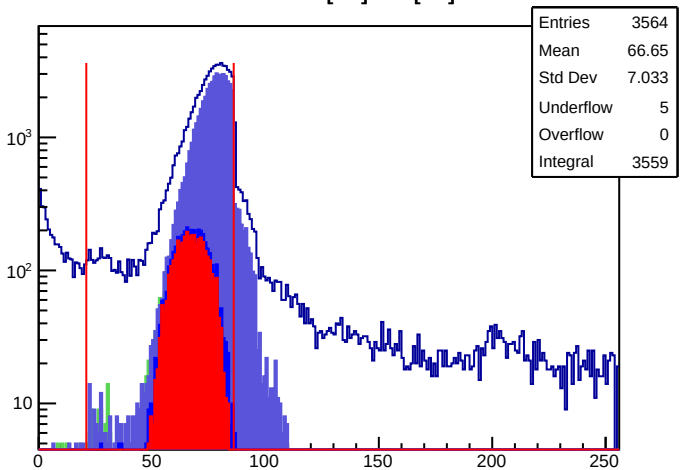

pKurama Sch[24]-Tof[9]
Entries 11175
Mean 0.7839
Std Dev 0.1408
Underflow 0
Overflow 2
Integral 1.117e+04

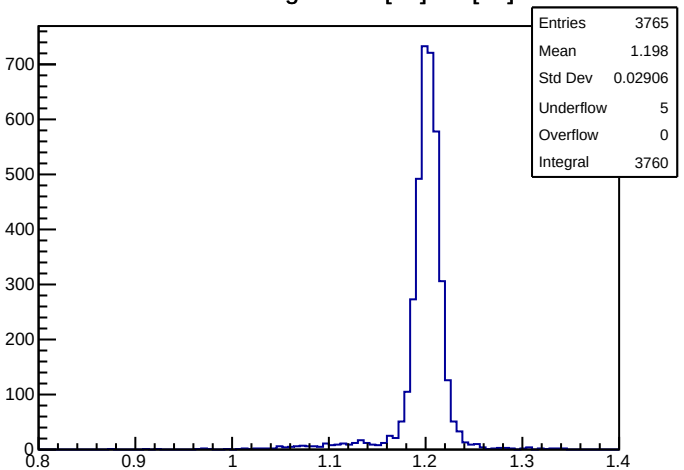

sftx all Sch[24]-Tof[10]
Entries 2304
Mean 76.72
Std Dev 6.028
Underflow 7
Overflow 0
Integral 2297

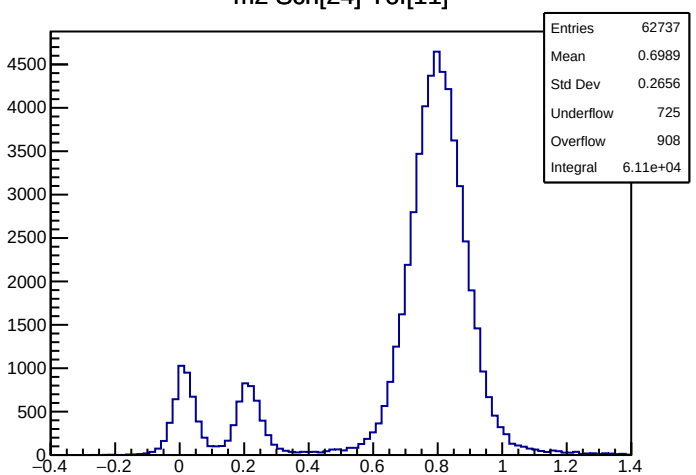

MissMass Sigma Sch[24]-Tof[10]
Entries 2477
Mean 1.209
Std Dev 0.03425
Underflow 7
Overflow 0
Integral 2470

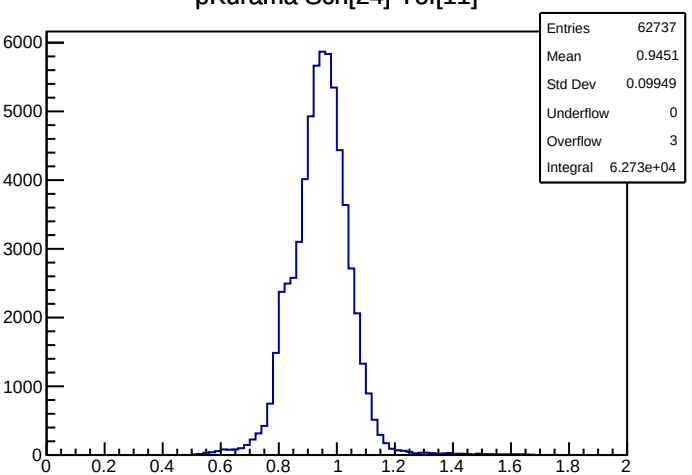

m2 Sch[24]-Tof[10]
Entries 21671
Mean 0.5851
Std Dev 0.325
Underflow 167
Overflow 310
Integral 2.119e+04

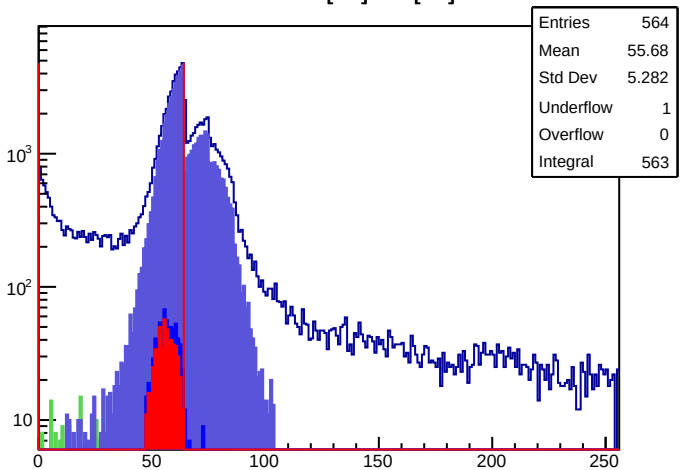

pKurama Sch[24]-Tof[10]
Entries 21671
Mean 0.8389
Std Dev 0.1019
Underflow 0
Overflow 0
Integral 2.167e+04

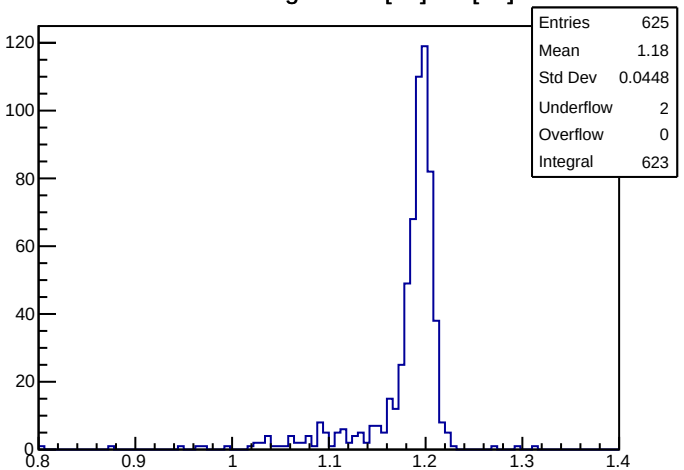

sftx all Sch[24]-Tof[11]
Entries 3564
Mean 66.65
Std Dev 7.033
Underflow 5
Overflow 0
Integral 3559

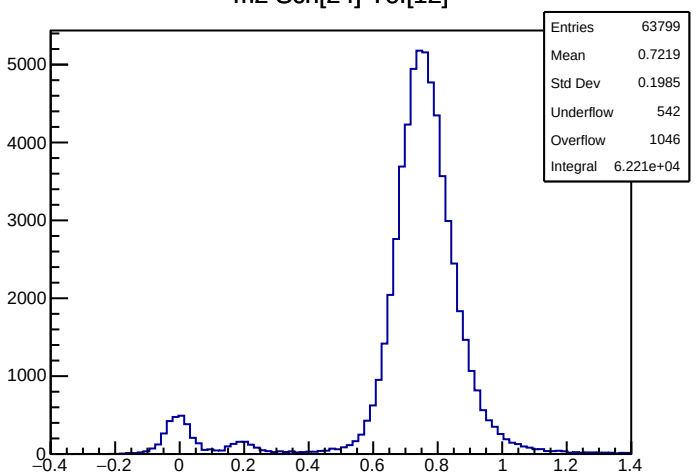

MissMass Sigma Sch[24]-Tof[11]
Entries 3765
Mean 1.198
Std Dev 0.02906
Underflow 5
Overflow 0
Integral 3760

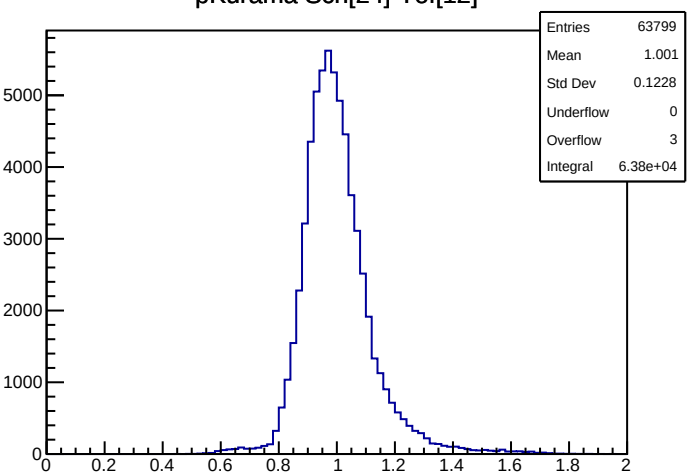

m2 Sch[24]-Tof[11]
Entries 62737
Mean 0.6989
Std Dev 0.2656
Underflow 725
Overflow 908
Integral 6.11e+04

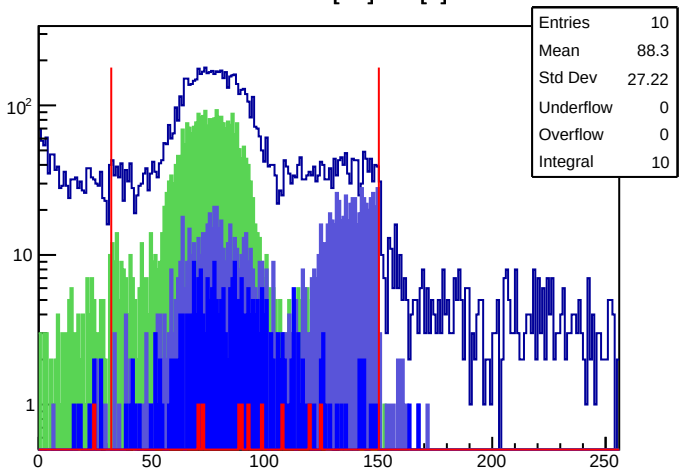

pKurama Sch[24]-Tof[11]
Entries 62737
Mean 0.9451
Std Dev 0.09949
Underflow 0
Overflow 3
Integral 6.273e+04

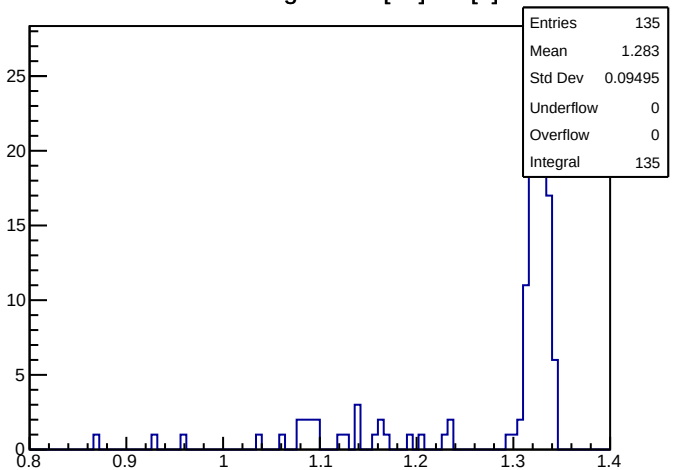

sftx all Sch[24]-Tof[12]
Entries 564
Mean 55.68
Std Dev 5.282
Underflow 1
Overflow 0
Integral 563

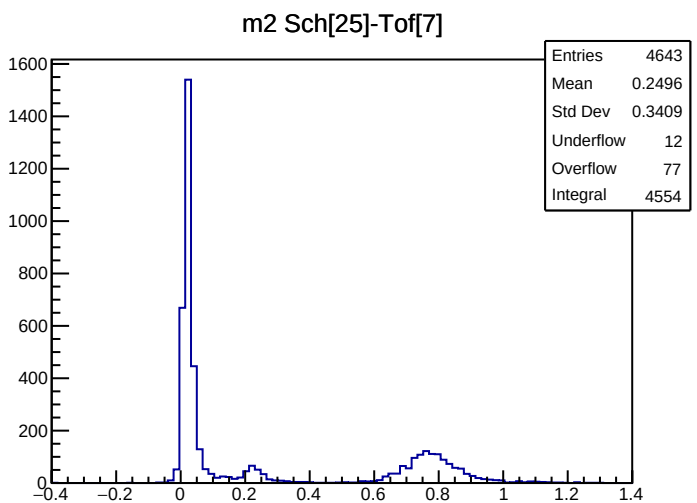

MissMass Sigma Sch[24]-Tof[12]
Entries 625
Mean 1.18
Std Dev 0.0448
Underflow 2
Overflow 0
Integral 623

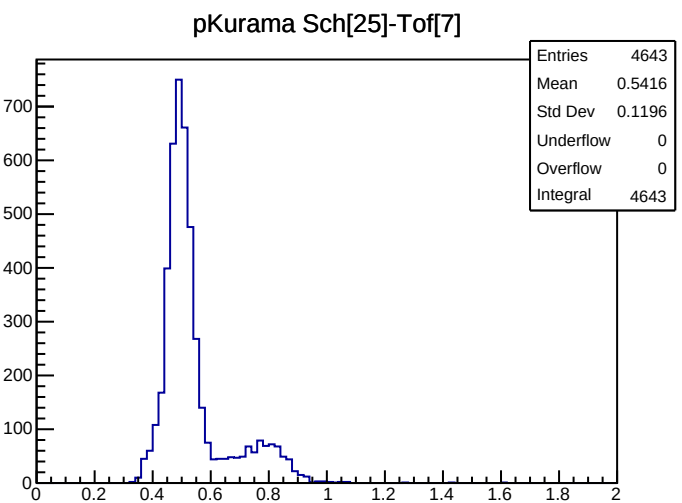

m2 Sch[24]-Tof[12]
Entries 63799
Mean 0.7219
Std Dev 0.1985
Underflow 542
Overflow 1046
Integral 6.221e+04

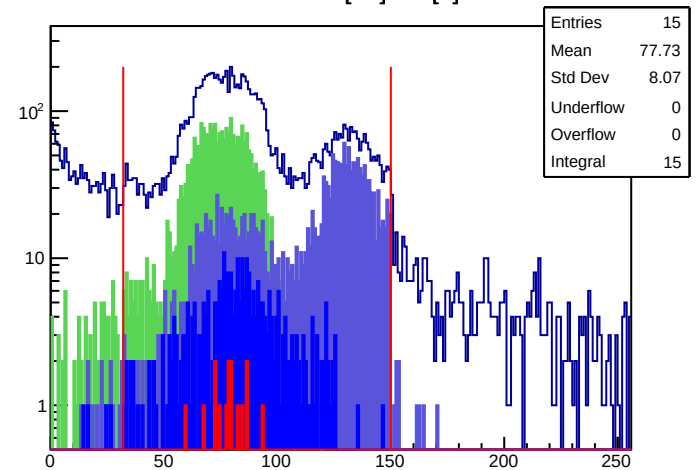

pKurama Sch[24]-Tof[12]
Entries 63799
Mean 1.001
Std Dev 0.1228
Underflow 0
Overflow 3
Integral 6.38e+04

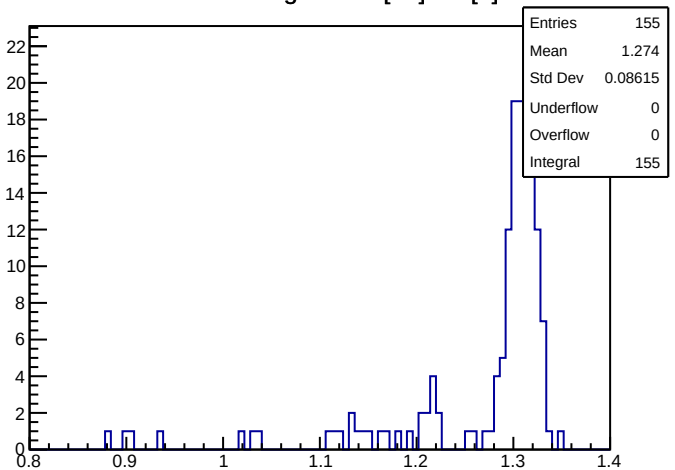

sftx all Sch[25]-Tof[7]
Entries 10
Mean 88.3
Std Dev 27.22
Underflow 0
Overflow 0
Integral 10

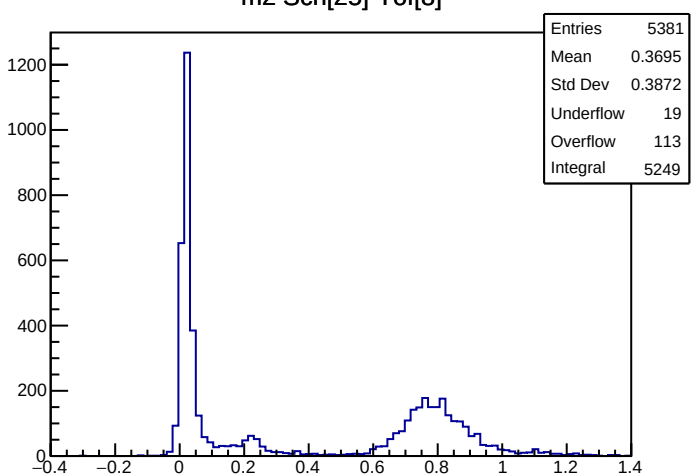

MissMass Sigma Sch[25]-Tof[7]
Entries 135
Mean 1.283
Std Dev 0.09495
Underflow 0
Overflow 0
Integral 135

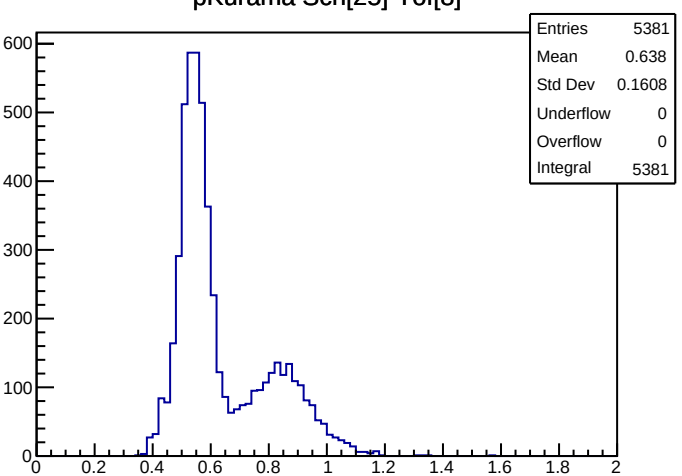

m2 Sch[25]-Tof[7]
Entries 4643
Mean 0.2496
Std Dev 0.3409
Underflow 12
Overflow 77
Integral 4554

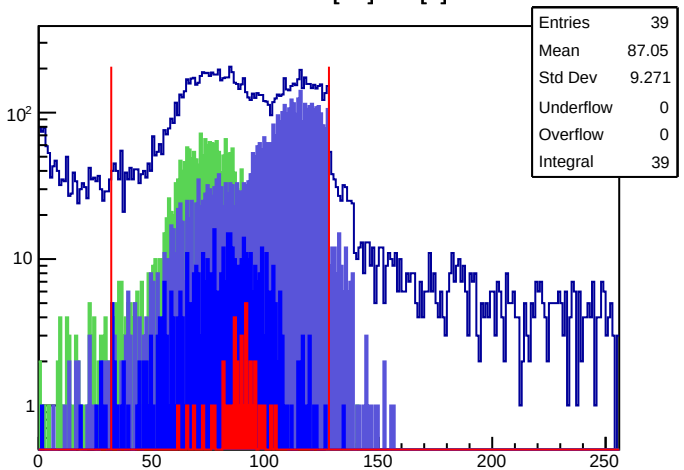

pKurama Sch[25]-Tof[7]
Entries 4643
Mean 0.5416
Std Dev 0.1196
Underflow 0
Overflow 0
Integral 4643

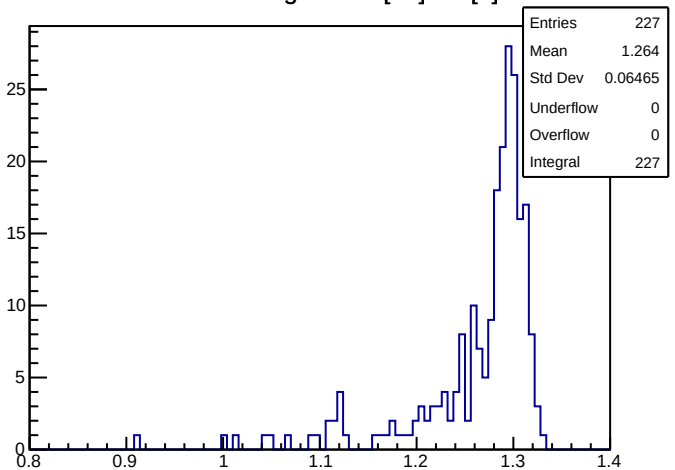

sftx all Sch[25]-Tof[8]
Entries 15
Mean 77.73
Std Dev 8.07
Underflow 0
Overflow 0
Integral 15

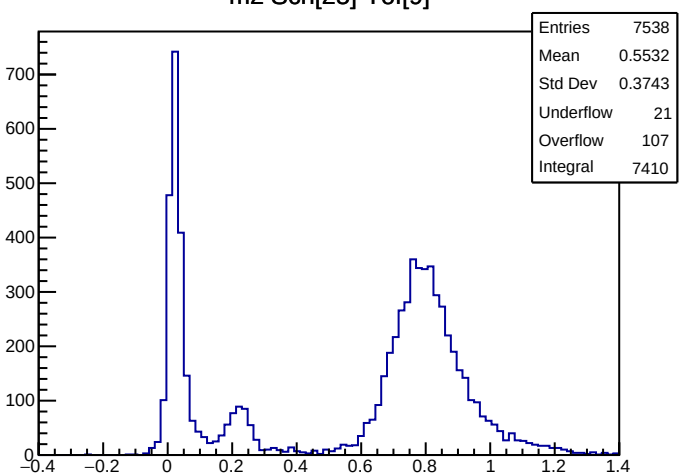

MissMass Sigma Sch[25]-Tof[8]
Entries 155
Mean 1.274
Std Dev 0.08615
Underflow 0
Overflow 0
Integral 155

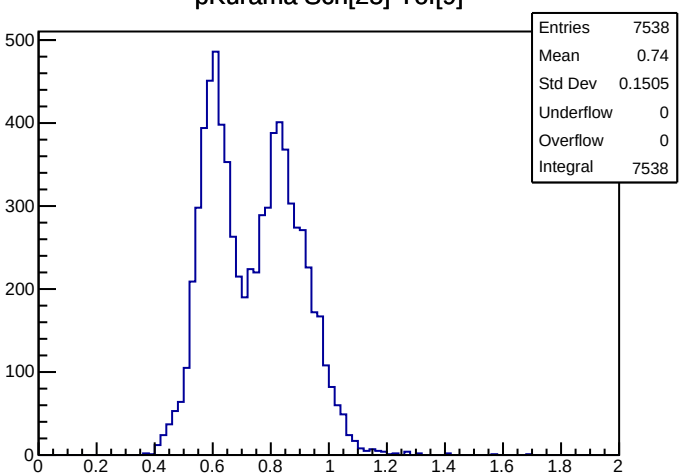

m2 Sch[25]-Tof[8]
Entries 5381
Mean 0.3695
Std Dev 0.3872
Underflow 19
Overflow 113
Integral 5249

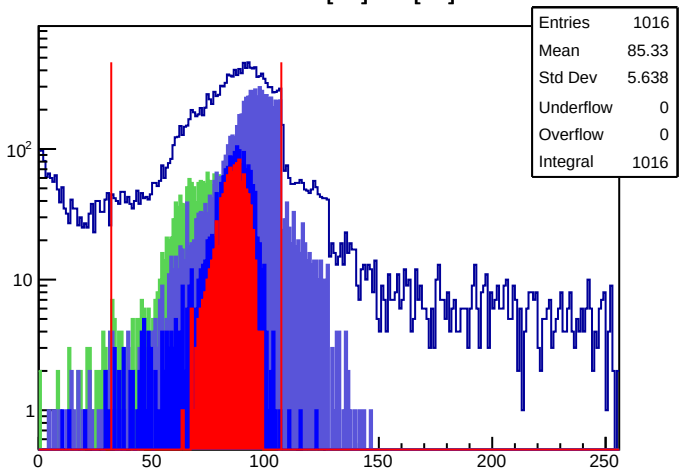

pKurama Sch[25]-Tof[8]
Entries 5381
Mean 0.638
Std Dev 0.1608
Underflow 0
Overflow 0
Integral 5381

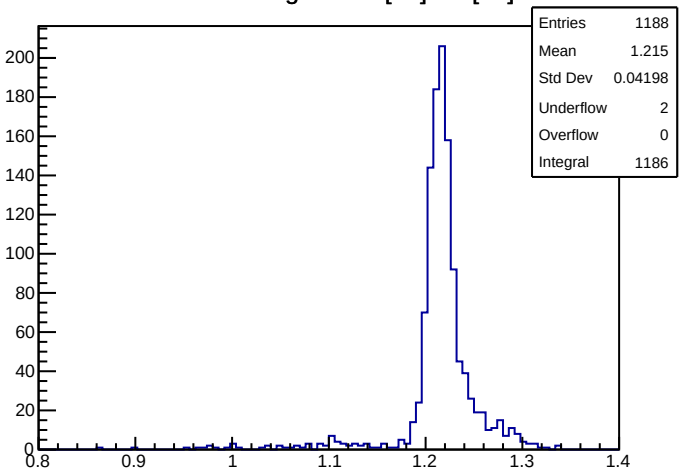

sftx all Sch[25]-Tof[9]
Entries 39
Mean 87.05
Std Dev 9.271
Underflow 0
Overflow 0
Integral 39

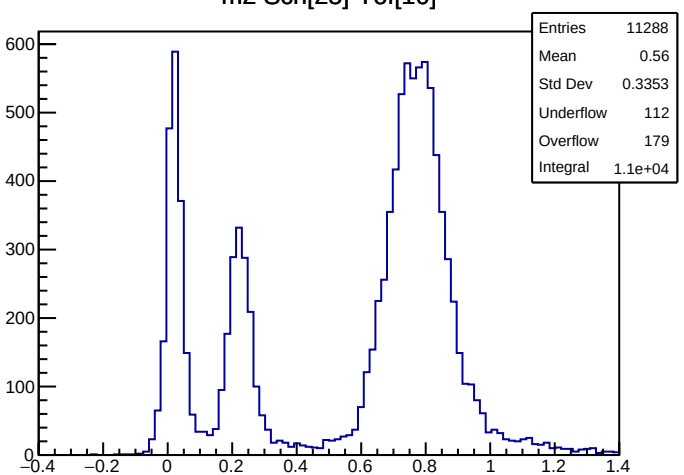

MissMass Sigma Sch[25]-Tof[9]
Entries 227
Mean 1.264
Std Dev 0.06465
Underflow 0
Overflow 0
Integral 227

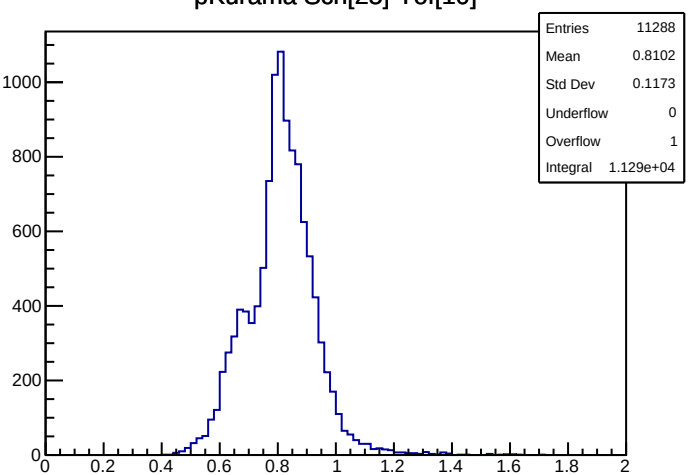

m2 Sch[25]-Tof[9]
Entries 7538
Mean 0.5532
Std Dev 0.3743
Underflow 21
Overflow 107
Integral 7410

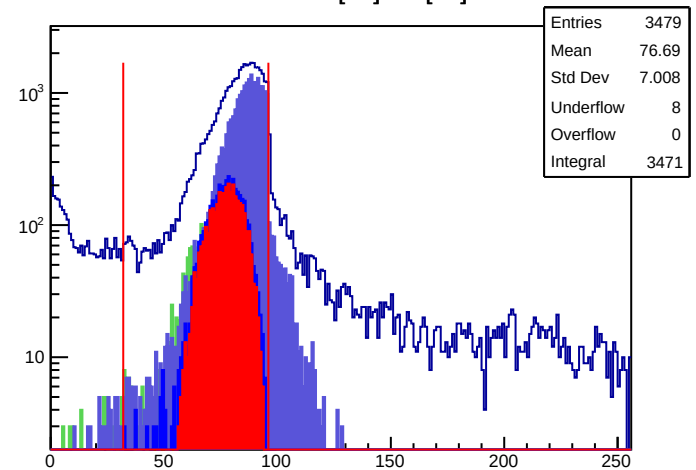

pKurama Sch[25]-Tof[9]
Entries 7538
Mean 0.74
Std Dev 0.1505
Underflow 0
Overflow 0
Integral 7538

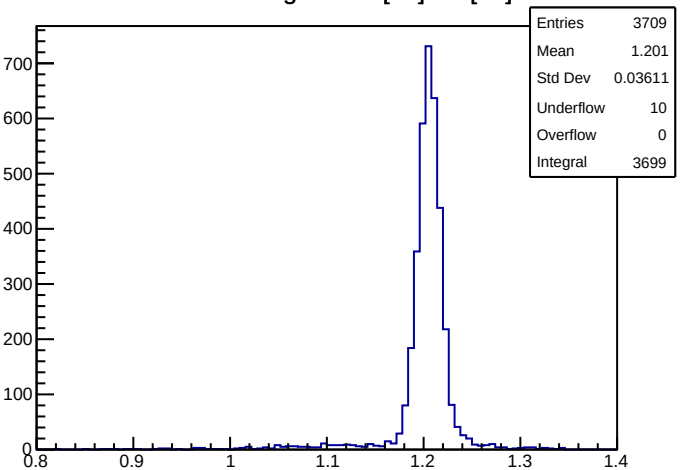

sftx all Sch[25]-Tof[10]
Entries 1016
Mean 85.33
Std Dev 5.638
Underflow 0
Overflow 0
Integral 1016

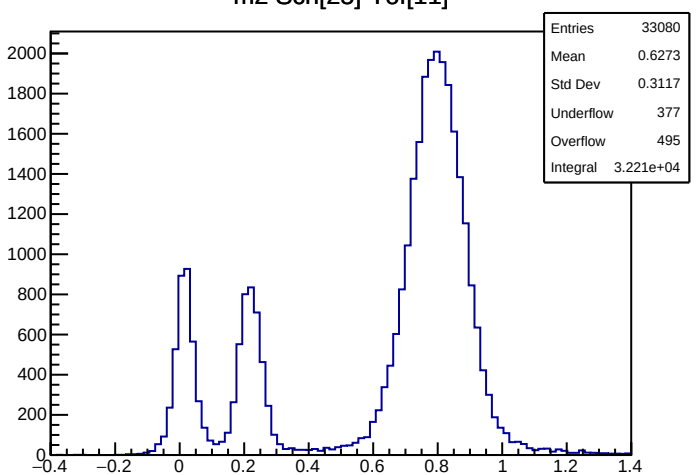

MissMass Sigma Sch[25]-Tof[10]
Entries 1188
Mean 1.215
Std Dev 0.04198
Underflow 2
Overflow 0
Integral 1186

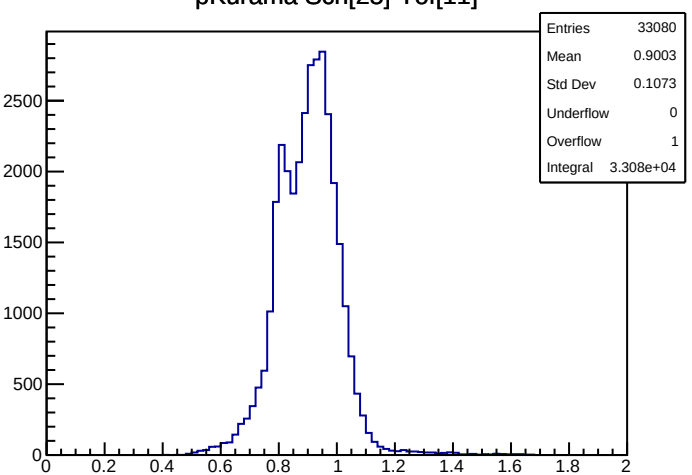

m2 Sch[25]-Tof[10]
Entries 11288
Mean 0.56
Std Dev 0.3353
Underflow 112
Overflow 179
Integral 1.1e+04

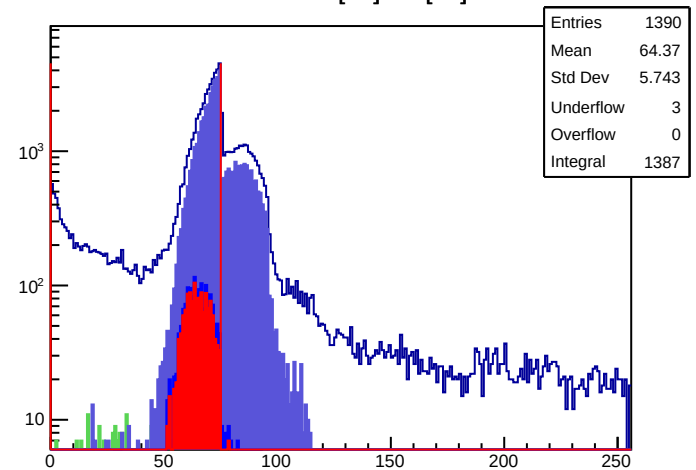

pKurama Sch[25]-Tof[10]
Entries 11288
Mean 0.8102
Std Dev 0.1173
Underflow 0
Overflow 1
Integral 1.129e+04

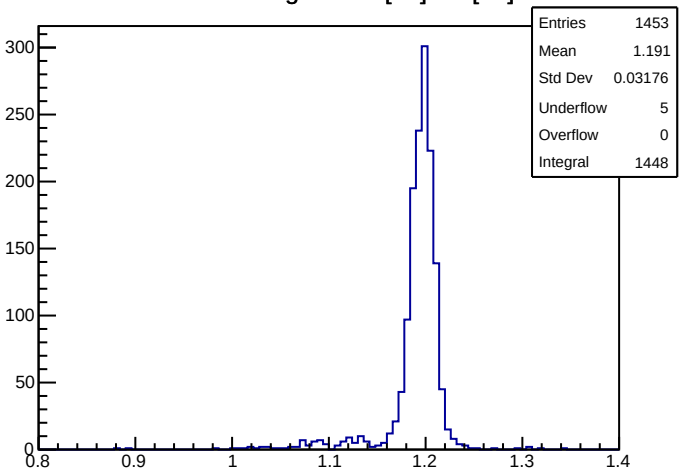

sftx all Sch[25]-Tof[11]
Entries 3479
Mean 76.69
Std Dev 7.008
Underflow 8
Overflow 0
Integral 3471

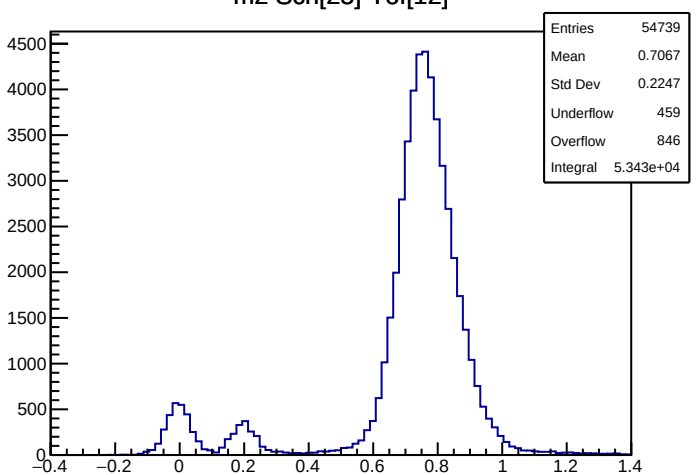

MissMass Sigma Sch[25]-Tof[11]
Entries 3709
Mean 1.201
Std Dev 0.03611
Underflow 10
Overflow 0
Integral 3699

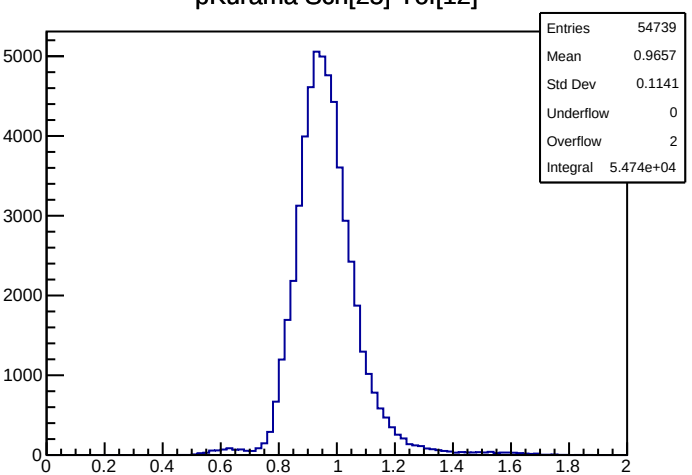

m2 Sch[25]-Tof[11]
Entries 33080
Mean 0.6273
Std Dev 0.3117
Underflow 377
Overflow 495
Integral 3.221e+04

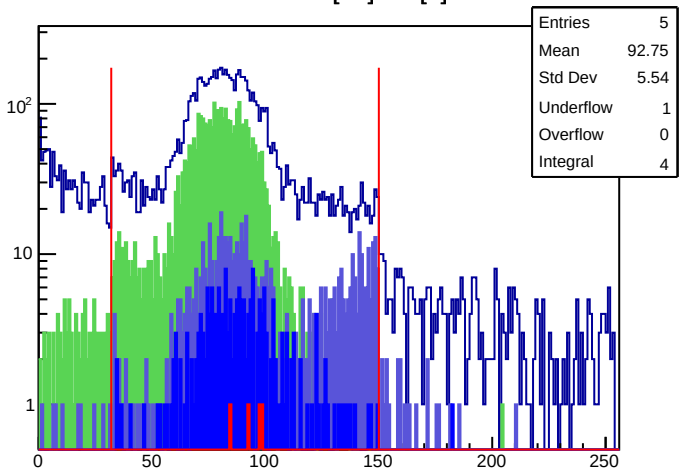

pKurama Sch[25]-Tof[11]
Entries 33080
Mean 0.9003
Std Dev 0.1073
Underflow 0
Overflow 1
Integral 3.308e+04

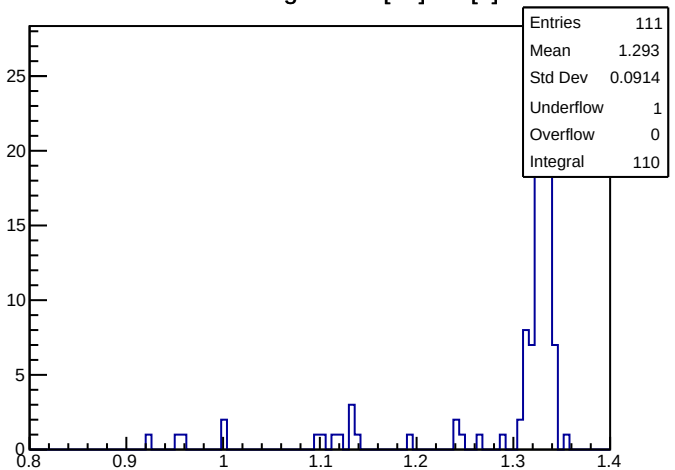

sftx all Sch[25]-Tof[12]
Entries 1390
Mean 64.37
Std Dev 5.743
Underflow 3
Overflow 0
Integral 1387

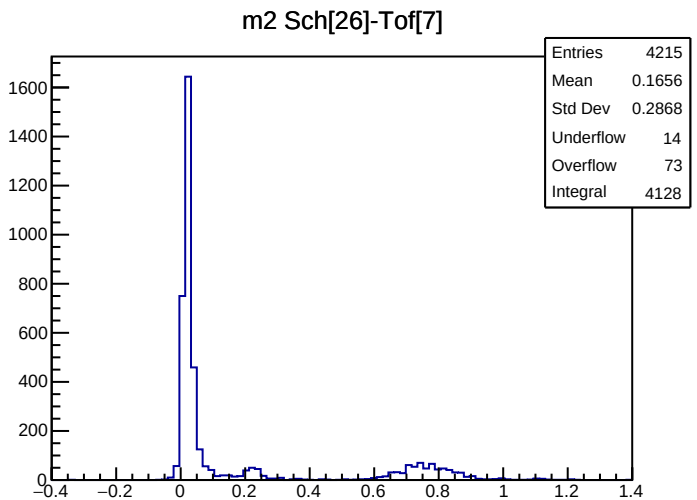

MissMass Sigma Sch[25]-Tof[12]
Entries 1453
Mean 1.191
Std Dev 0.03176
Underflow 5
Overflow 0
Integral 1448

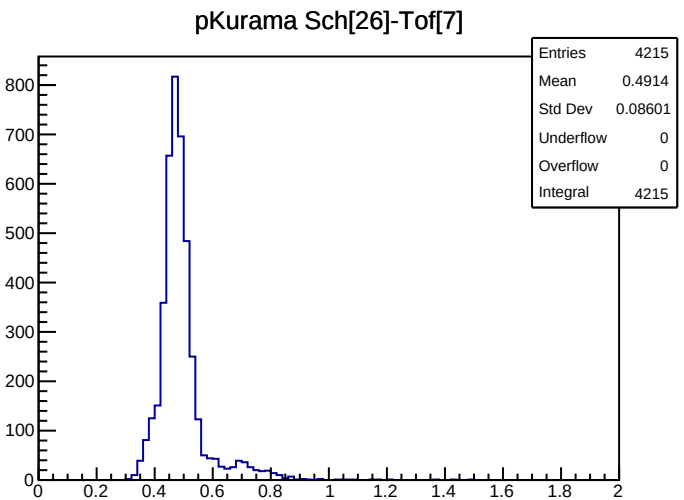

m2 Sch[25]-Tof[12]
Entries 54739
Mean 0.7067
Std Dev 0.2247
Underflow 459
Overflow 846
Integral 5.343e+04

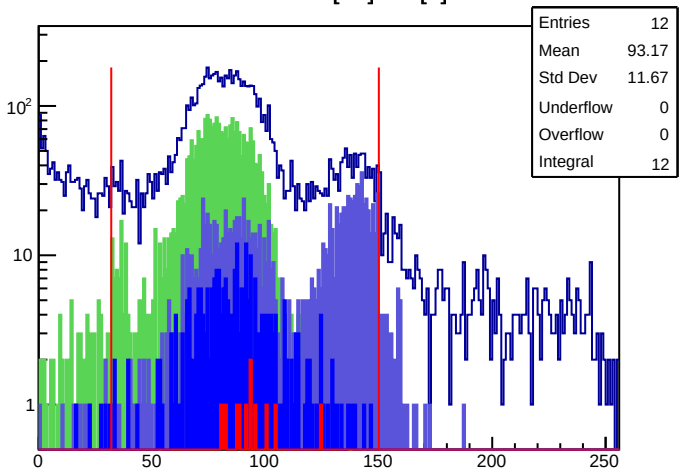

pKurama Sch[25]-Tof[12]
Entries 54739
Mean 0.9657
Std Dev 0.1141
Underflow 0
Overflow 2
Integral 5.474e+04

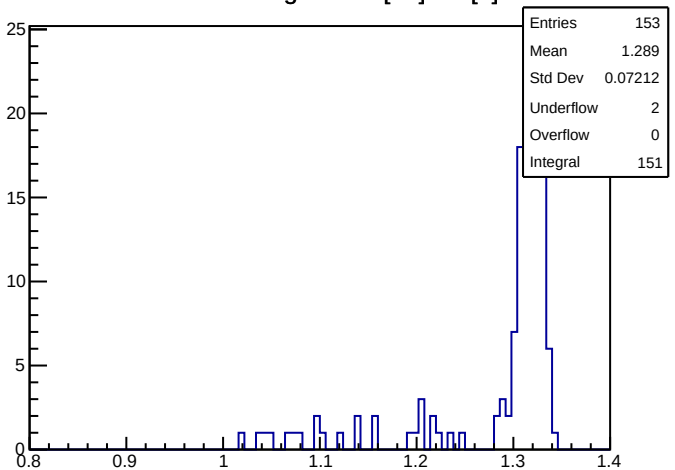

sftx all Sch[26]-Tof[7]
Entries 5
Mean 92.75
Std Dev 5.54
Underflow 1
Overflow 0
Integral 4
10²
10
1
0
50
100
150
200
250

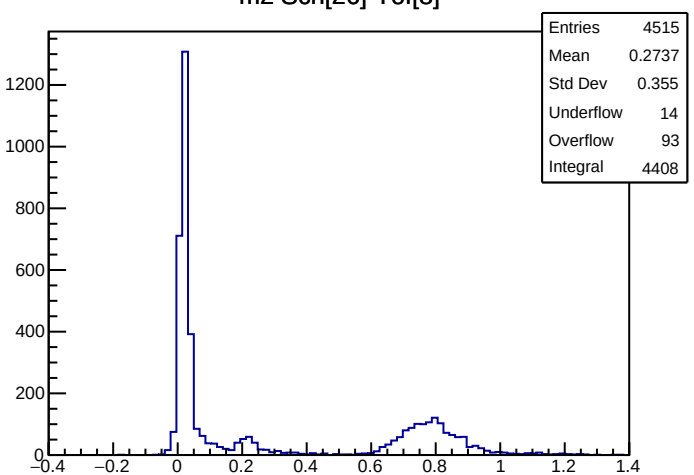

MissMass Sigma Sch[26]-Tof[7]
Entries 111
Mean 1.293
Std Dev 0.0914
Underflow 1
Overflow 0
Integral 110
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

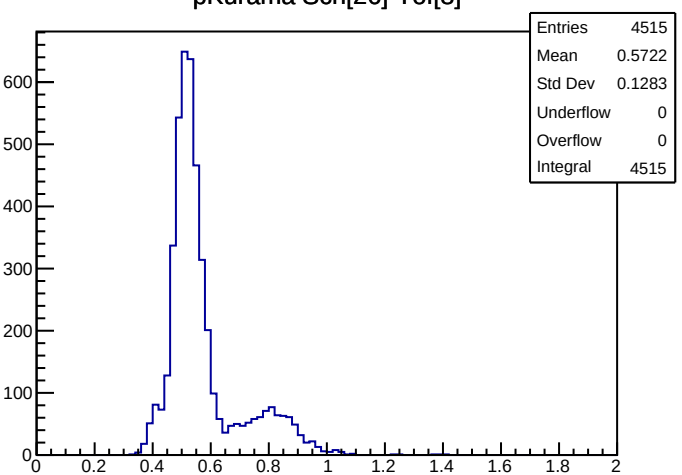

m2 Sch[26]-Tof[7]
Entries 4215
Mean 0.1656
Std Dev 0.2868
Underflow 14
Overflow 73
Integral 4128
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

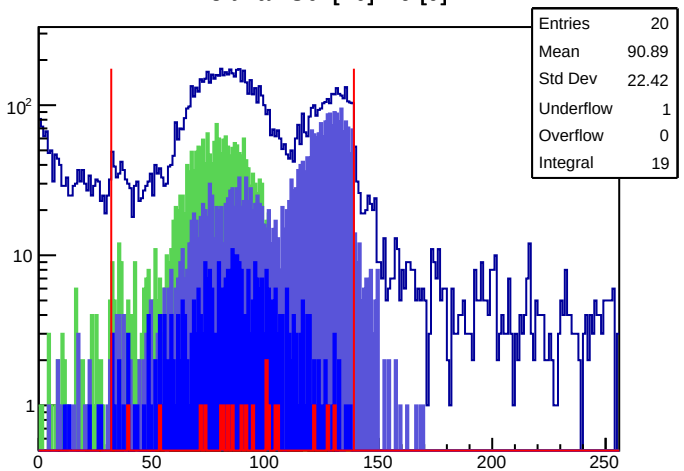

pKurama Sch[26]-Tof[7]
Entries 4215
Mean 0.4914
Std Dev 0.08601
Underflow 0
Overflow 0
Integral 4215
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

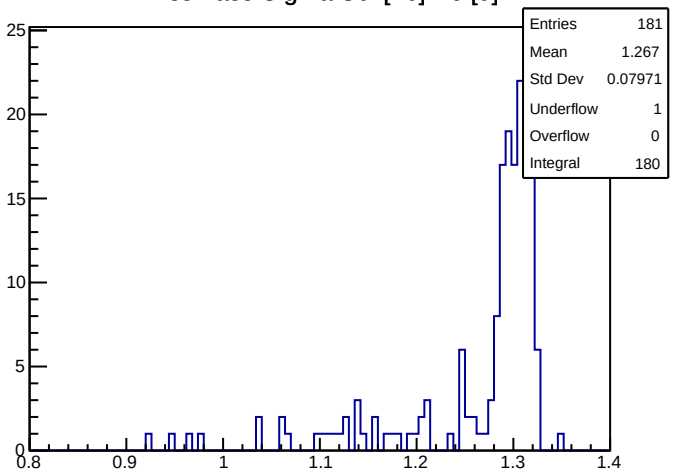

sftx all Sch[26]-Tof[8]
Entries 12
Mean 93.17
Std Dev 11.67
Underflow 0
Overflow 0
Integral 12

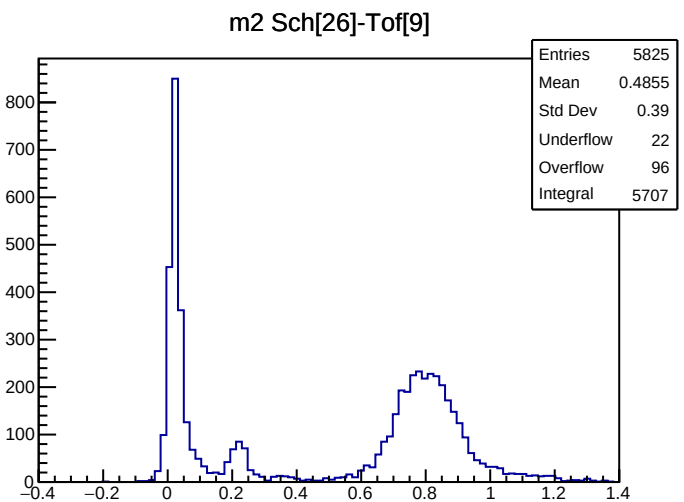

MissMass Sigma Sch[26]-Tof[8]
Entries 153
Mean 1.289
Std Dev 0.07212
Underflow 2
Overflow 0
Integral 151

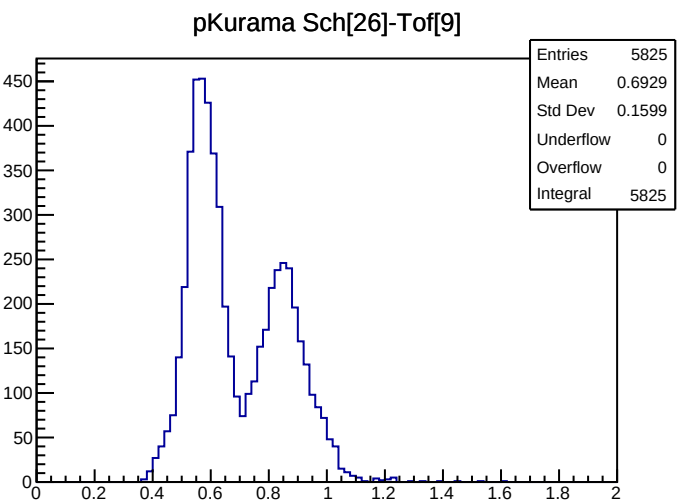

m2 Sch[26]-Tof[8]
Entries 4515
Mean 0.2737
Std Dev 0.355
Underflow 14
Overflow 93
Integral 4408

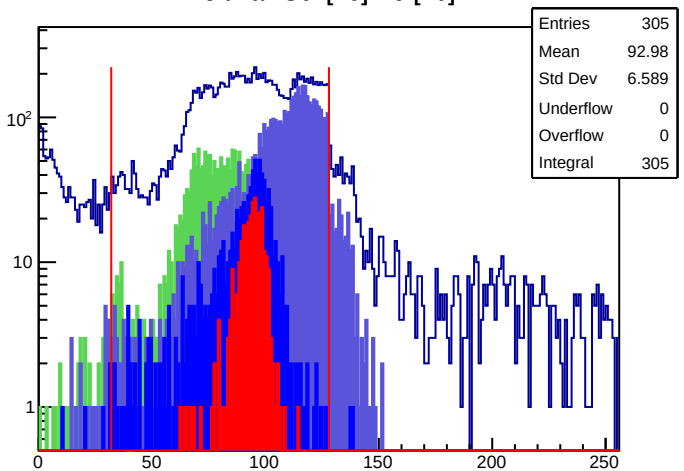

pKurama Sch[26]-Tof[8]
Entries 4515
Mean 0.5722
Std Dev 0.1283
Underflow 0
Overflow 0
Integral 4515

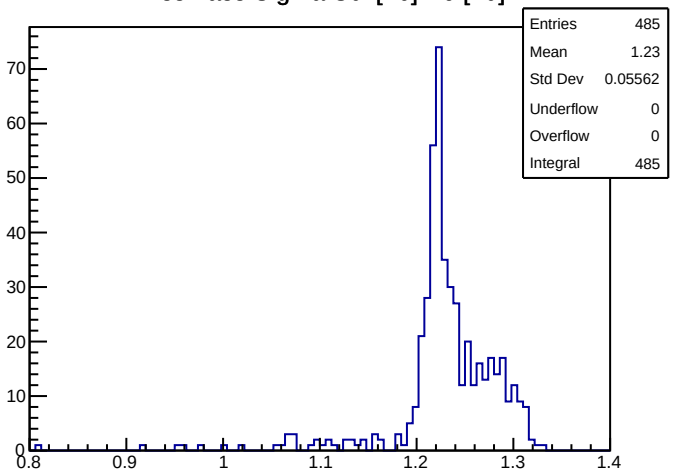

sftx all Sch[26]-Tof[9]
Entries 20
Mean 90.89
Std Dev 22.42
Underflow 1
Overflow 0
Integral 19

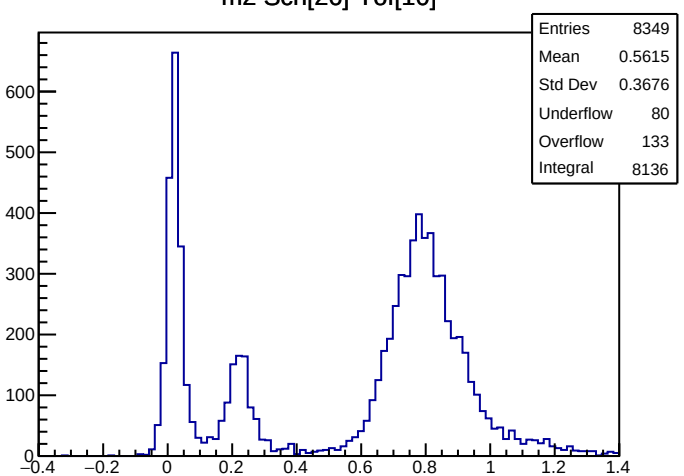

MissMass Sigma Sch[26]-Tof[9]
Entries 181
Mean 1.267
Std Dev 0.07971
Underflow 1
Overflow 0
Integral 180

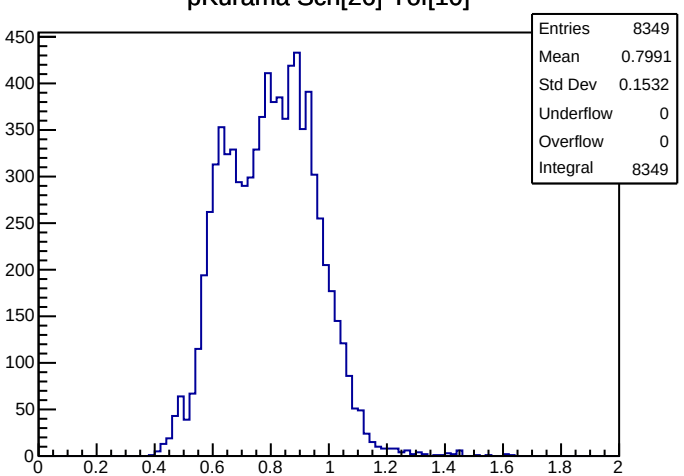

m2 Sch[26]-Tof[9]
Entries 5825
Mean 0.4855
Std Dev 0.39
Underflow 22
Overflow 96
Integral 5707

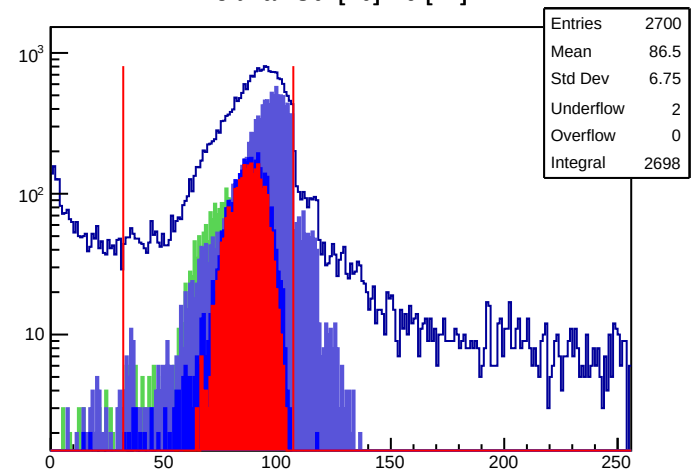

pKurama Sch[26]-Tof[9]
Entries 5825
Mean 0.6929
Std Dev 0.1599
Underflow 0
Overflow 0
Integral 5825

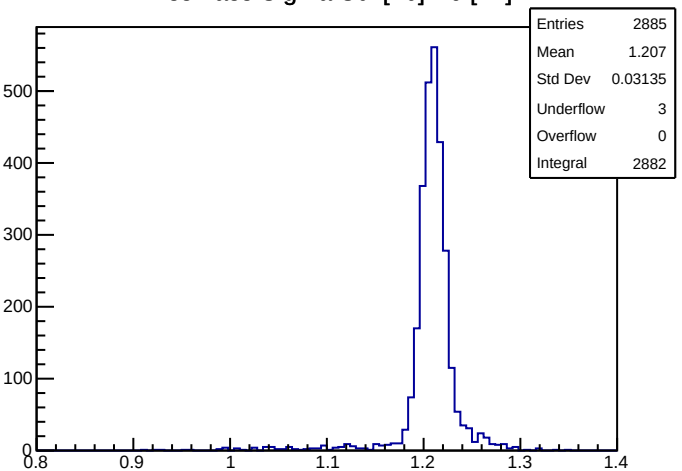

sftx all Sch[26]-Tof[10]
Entries 305
Mean 92.98
Std Dev 6.589
Underflow 0
Overflow 0
Integral 305

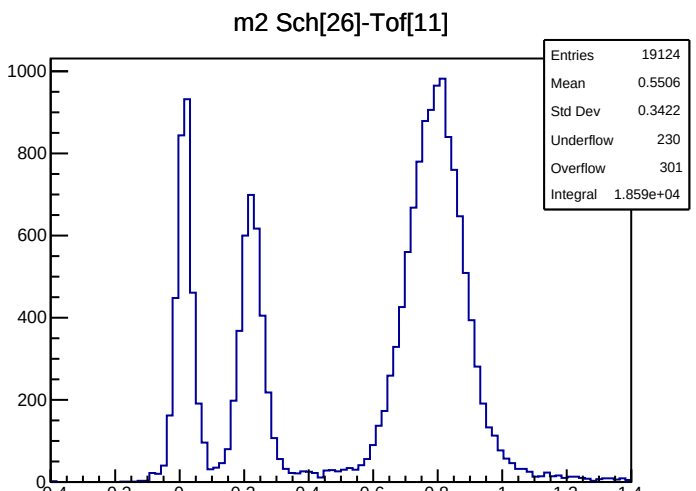

MissMass Sigma Sch[26]-Tof[10]
Entries 485
Mean 1.23
Std Dev 0.05562
Underflow 0
Overflow 0
Integral 485

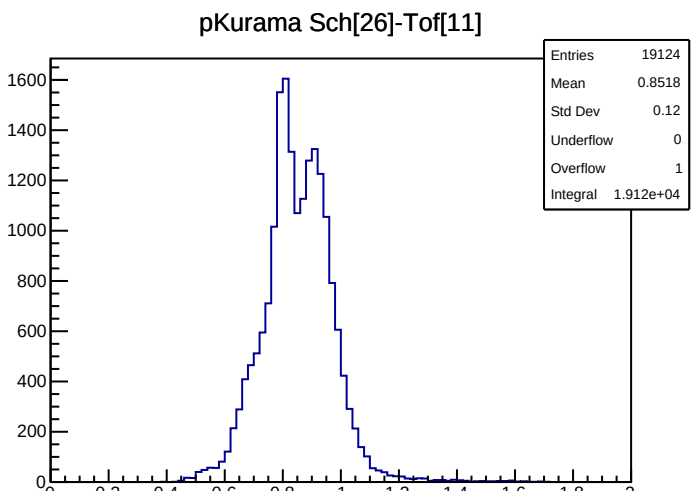

m2 Sch[26]-Tof[10]
Entries 8349
Mean 0.5615
Std Dev 0.3676
Underflow 80
Overflow 133
Integral 8136

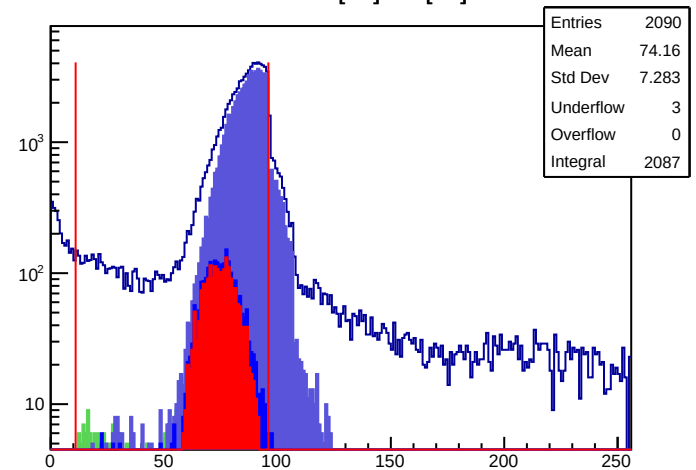

pKurama Sch[26]-Tof[10]
Entries 8349
Mean 0.7991
Std Dev 0.1532
Underflow 0
Overflow 0
Integral 8349

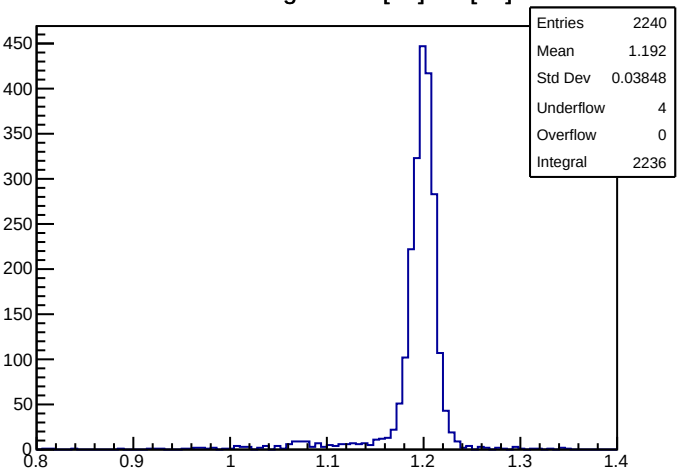

sftx all Sch[26]-Tof[11]
Entries 2700
Mean 86.5
Std Dev 6.75
Underflow 2
Overflow 0
Integral 2698
10^3
10^2
10
0
50
100
150
200
250

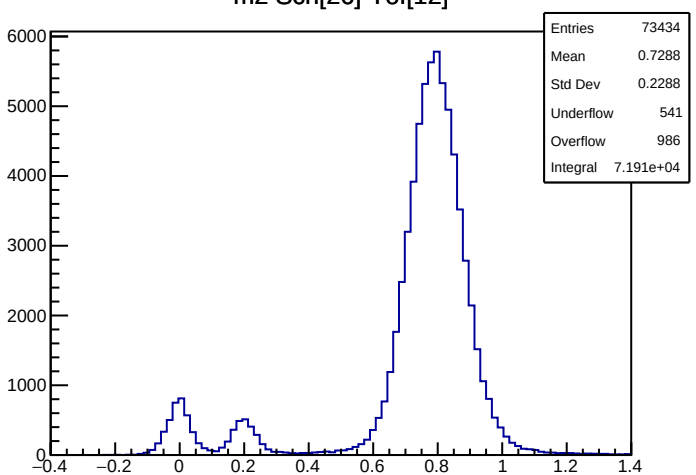

MissMass Sigma Sch[26]-Tof[11]
Entries 2885
Mean 1.207
Std Dev 0.03135
Underflow 3
Overflow 0
Integral 2882
500
400
300
200
100
0
0.8
0.9
1
1.1
1.2
1.3
1.4

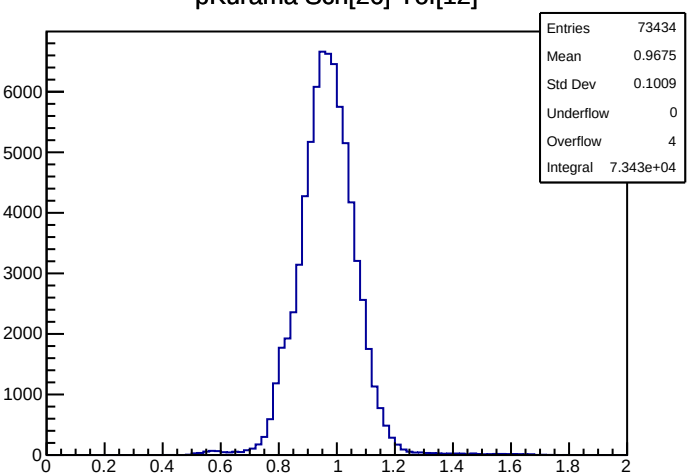

m2 Sch[26]-Tof[11]
Entries 19124
Mean 0.5506
Std Dev 0.3422
Underflow 230
Overflow 301
Integral 1.859e+04
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

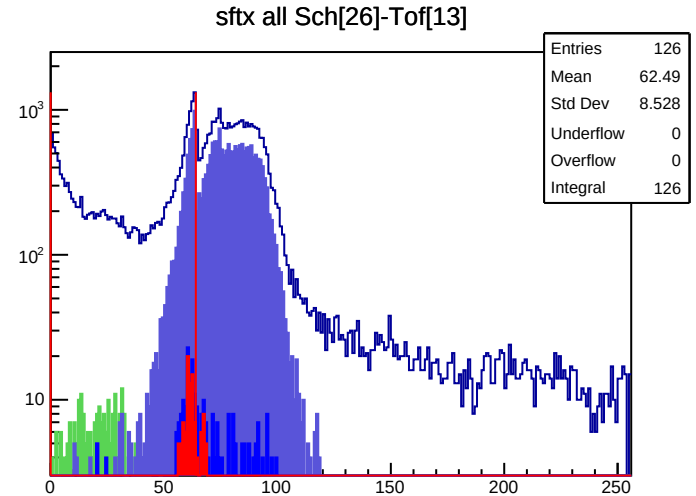

pKurama Sch[26]-Tof[11]
Entries 19124
Mean 0.8518
Std Dev 0.12
Underflow 0
Overflow 1
Integral 1.912e+04
1600
1400
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

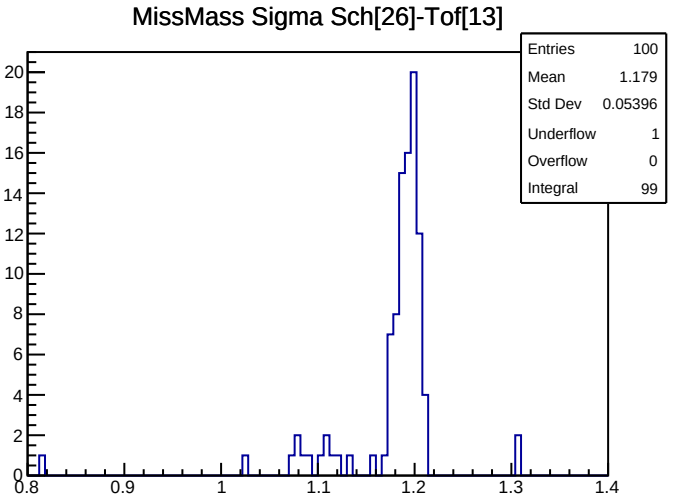

sftx all Sch[26]-Tof[12]
Entries 2090
Mean 74.16
Std Dev 7.283
Underflow 3
Overflow 0
Integral 2087

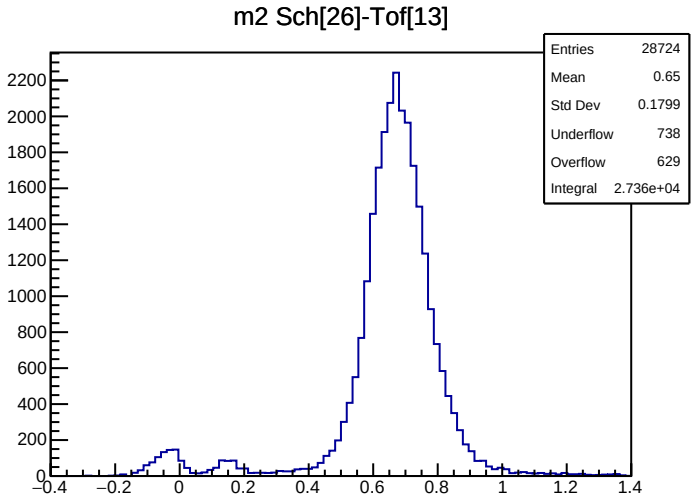

MissMass Sigma Sch[26]-Tof[12]
Entries 2240
Mean 1.192
Std Dev 0.03848
Underflow 4
Overflow 0
Integral 2236

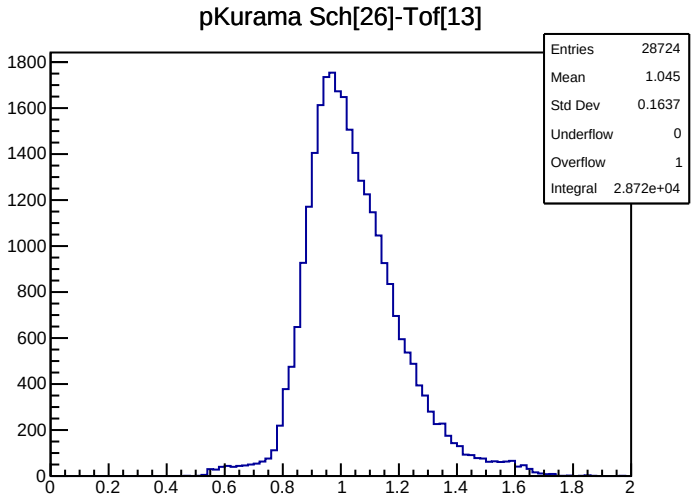

m2 Sch[26]-Tof[12]
Entries 73434
Mean 0.7288
Std Dev 0.2288
Underflow 541
Overflow 986
Integral 7.191e+04

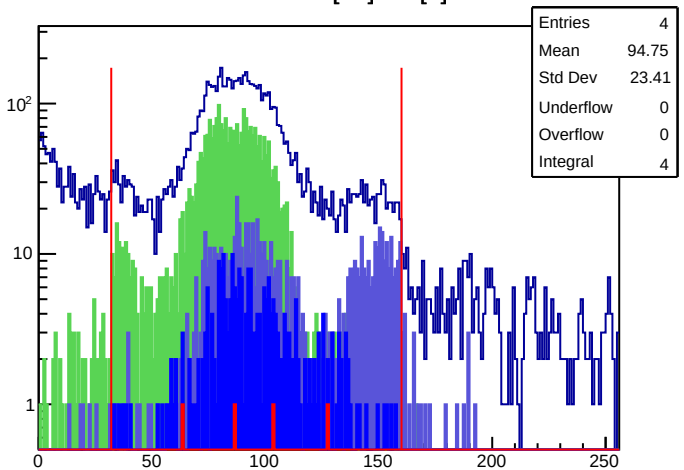

pKurama Sch[26]-Tof[12]
Entries 73434
Mean 0.9675
Std Dev 0.1009
Underflow 0
Overflow 4
Integral 7.343e+04

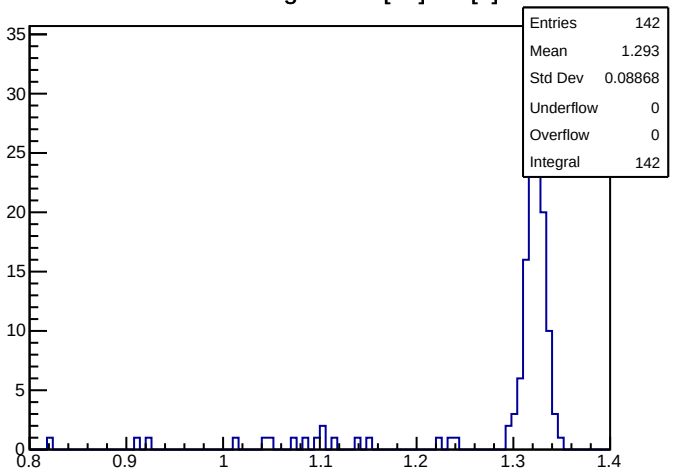

sftx all Sch[26]-Tof[13]
Entries 126
Mean 62.49
Std Dev 8.528
Underflow 0
Overflow 0
Integral 126

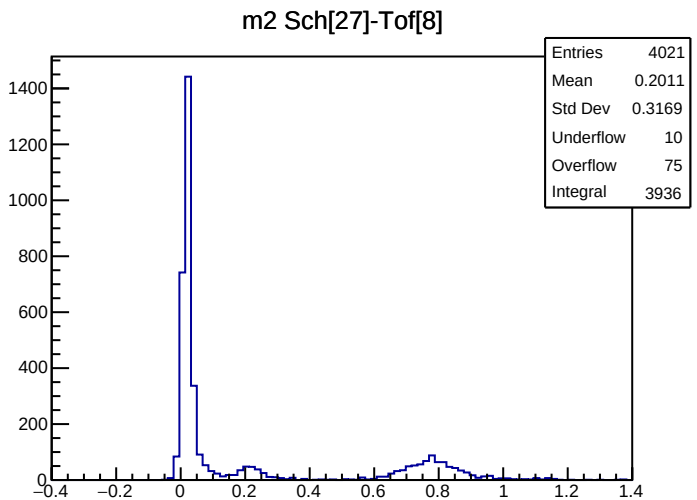

MissMass Sigma Sch[26]-Tof[13]
Entries 100
Mean 1.179
Std Dev 0.05396
Underflow 1
Overflow 0
Integral 99

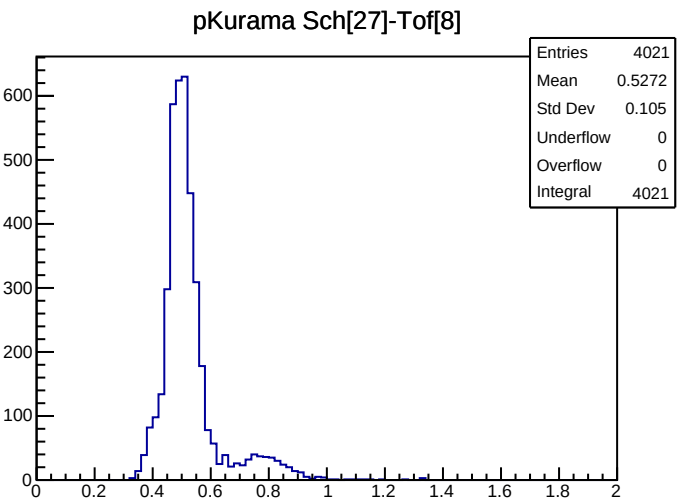

m2 Sch[26]-Tof[13]
Entries 28724
Mean 0.65
Std Dev 0.1799
Underflow 738
Overflow 629
Integral 2.736e+04

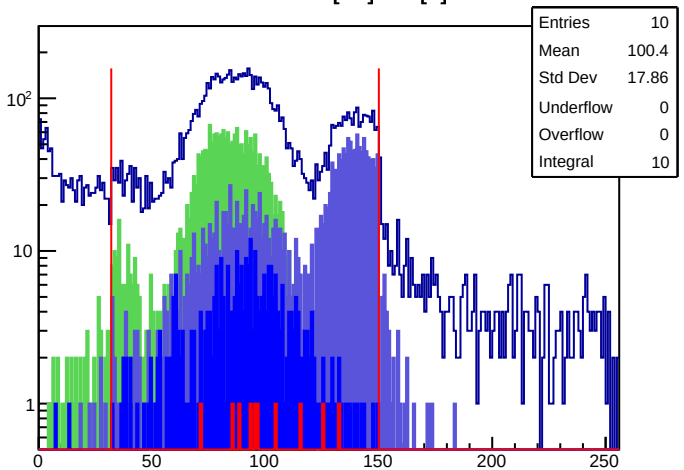

pKurama Sch[26]-Tof[13]
Entries 28724
Mean 1.045
Std Dev 0.1637
Underflow 0
Overflow 1
Integral 2.872e+04

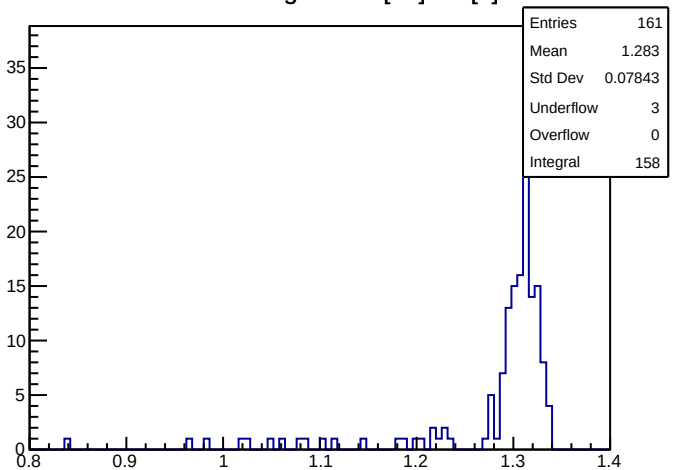

sftx all Sch[27]-Tof[8]
Entries 4
Mean 94.75
Std Dev 23.41
Underflow 0
Overflow 0
Integral 4

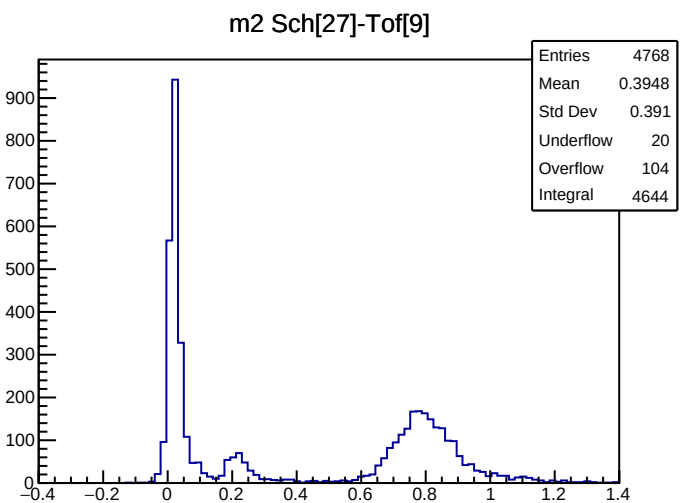

MissMass Sigma Sch[27]-Tof[8]
Entries 142
Mean 1.293
Std Dev 0.08868
Underflow 0
Overflow 0
Integral 142

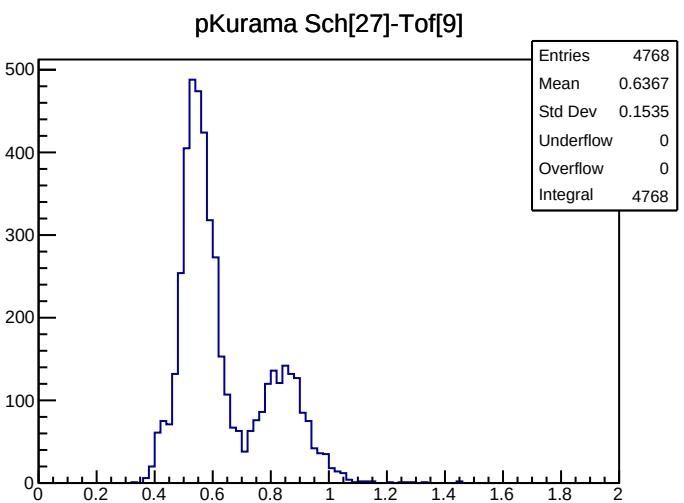

m2 Sch[27]-Tof[8]
Entries 4021
Mean 0.2011
Std Dev 0.3169
Underflow 10
Overflow 75
Integral 3936

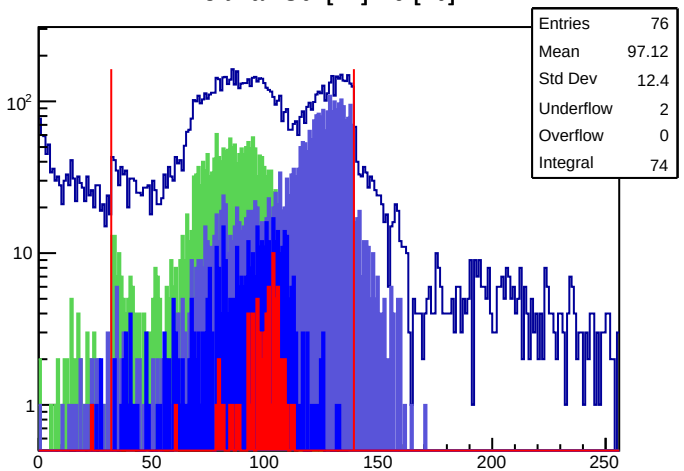

pKurama Sch[27]-Tof[8]
Entries 4021
Mean 0.5272
Std Dev 0.105
Underflow 0
Overflow 0
Integral 4021

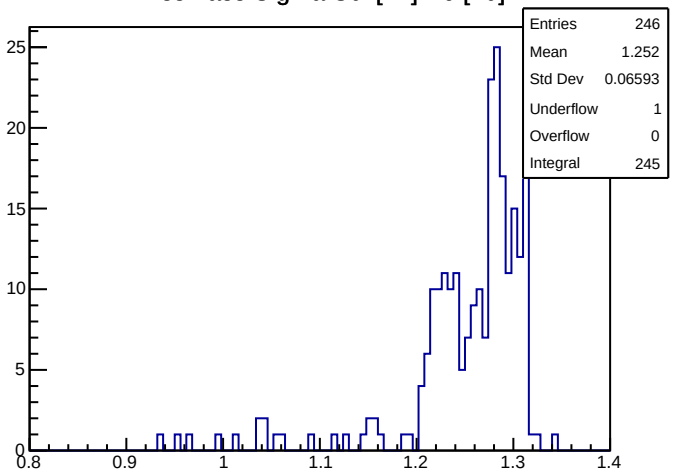

sftx all Sch[27]-Tof[9]
Entries 10
Mean 100.4
Std Dev 17.86
Underflow 0
Overflow 0
Integral 10

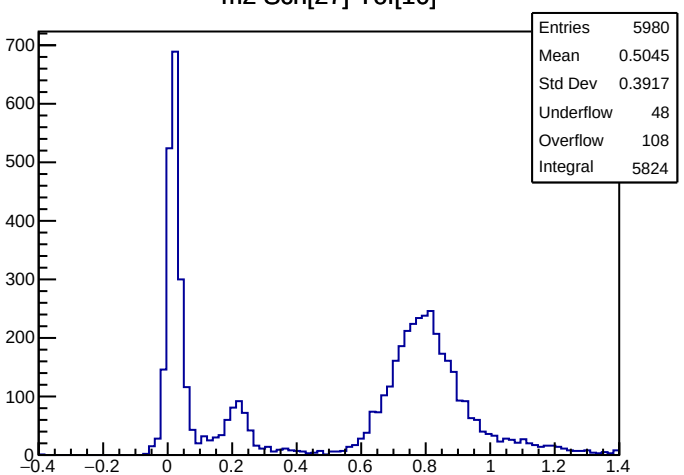

MissMass Sigma Sch[27]-Tof[9]
Entries 161
Mean 1.283
Std Dev 0.07843
Underflow 3
Overflow 0
Integral 158

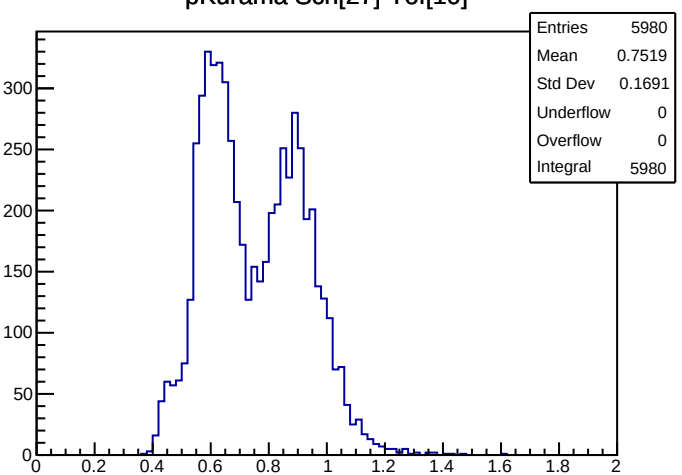

m2 Sch[27]-Tof[9]
Entries 4768
Mean 0.3948
Std Dev 0.391
Underflow 20
Overflow 104
Integral 4644

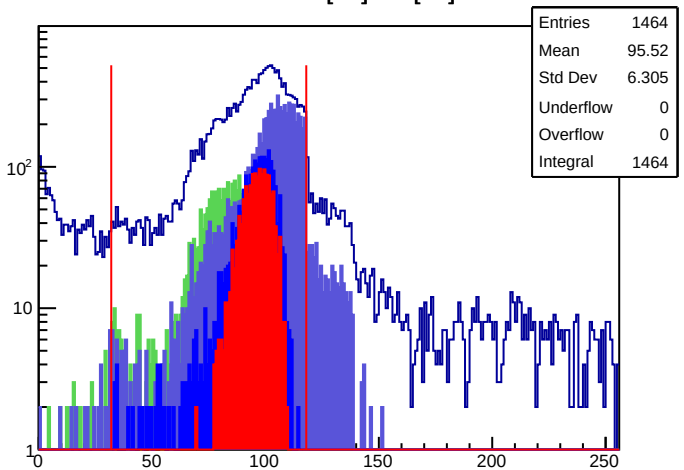

pKurama Sch[27]-Tof[9]
Entries 4768
Mean 0.6367
Std Dev 0.1535
Underflow 0
Overflow 0
Integral 4768

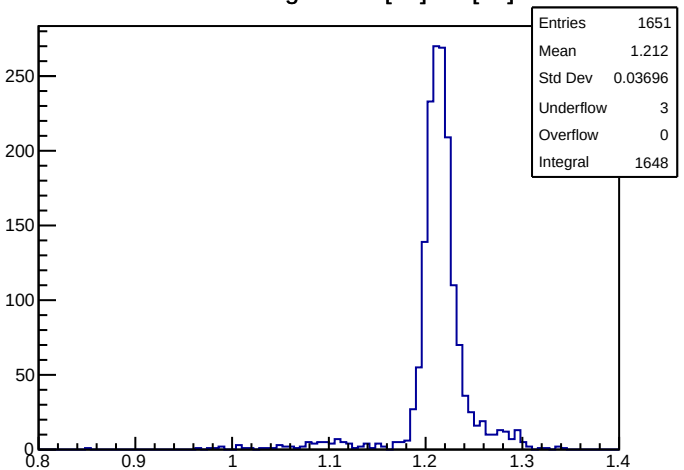

sftx all Sch[27]-Tof[10]
Entries 76
Mean 97.12
Std Dev 12.4
Underflow 2
Overflow 0
Integral 74

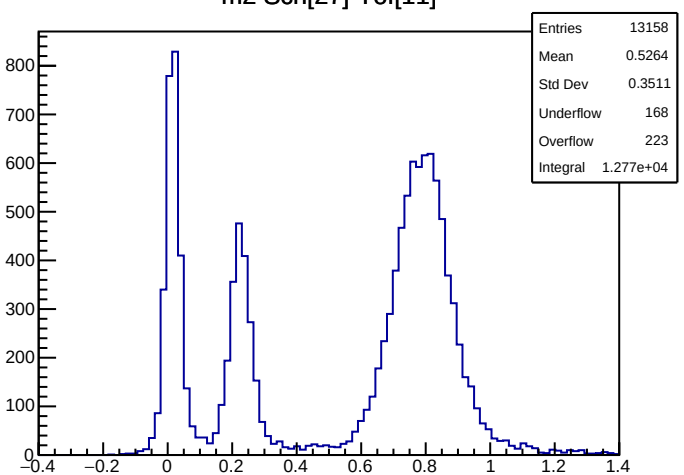

MissMass Sigma Sch[27]-Tof[10]
Entries 246
Mean 1.252
Std Dev 0.06593
Underflow 1
Overflow 0
Integral 245

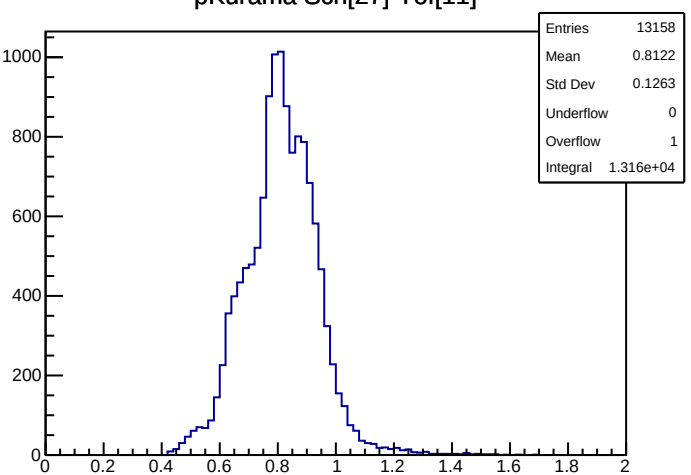

m2 Sch[27]-Tof[10]
Entries 5980
Mean 0.5045
Std Dev 0.3917
Underflow 48
Overflow 108
Integral 5824

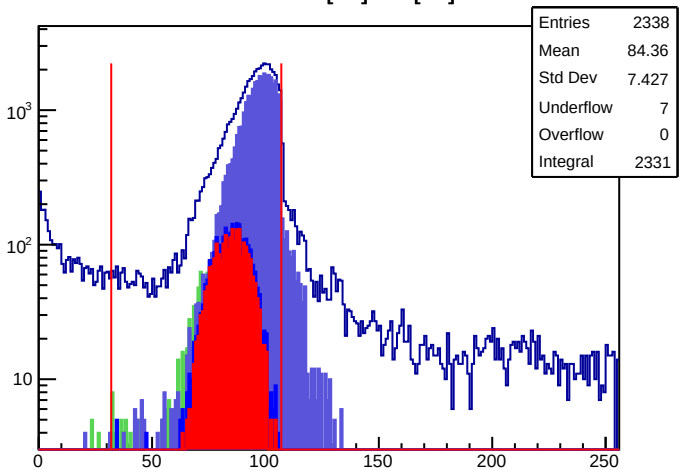

pKurama Sch[27]-Tof[10]
Entries 5980
Mean 0.7519
Std Dev 0.1691
Underflow 0
Overflow 0
Integral 5980

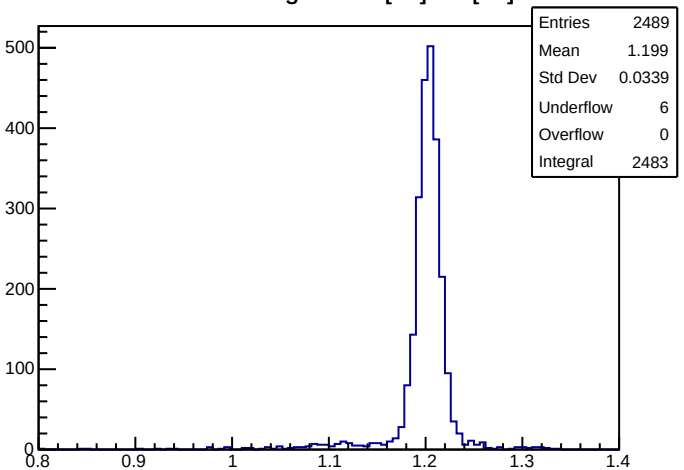

sftx all Sch[27]-Tof[11]
Entries 1464
Mean 95.52
Std Dev 6.305
Underflow 0
Overflow 0
Integral 1464

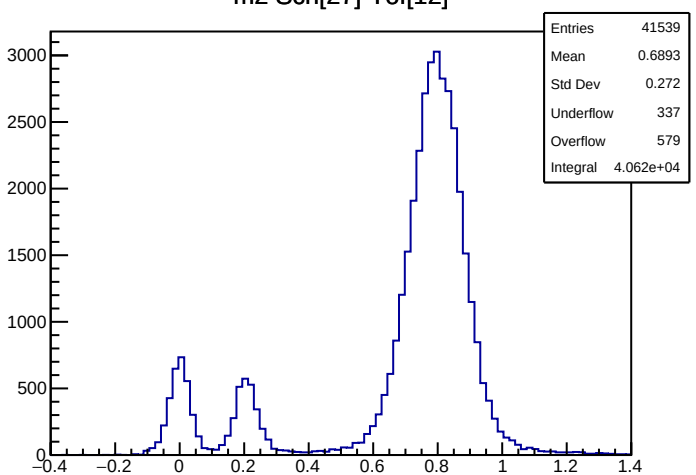

MissMass Sigma Sch[27]-Tof[11]
Entries 1651
Mean 1.212
Std Dev 0.03696
Underflow 3
Overflow 0
Integral 1648

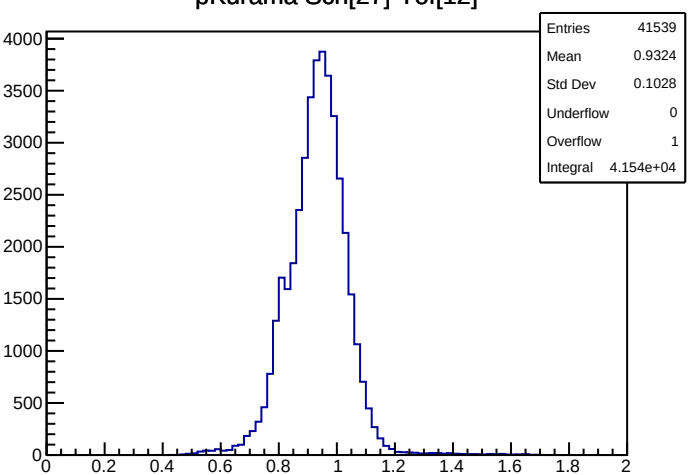

m2 Sch[27]-Tof[11]
Entries 13158
Mean 0.5264
Std Dev 0.3511
Underflow 168
Overflow 223
Integral 1.277e+04

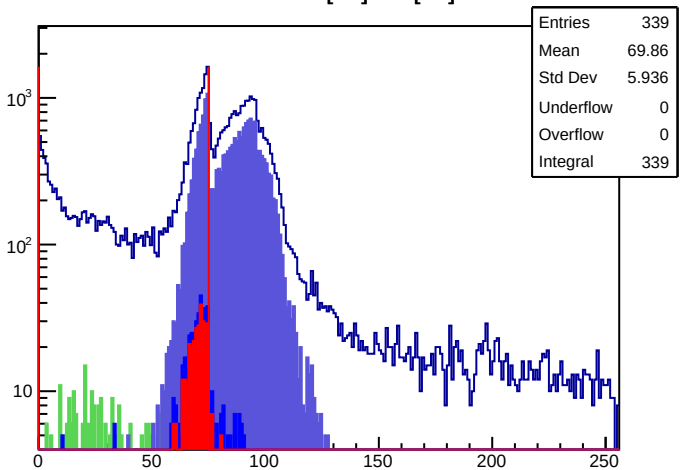

pKurama Sch[27]-Tof[11]
Entries 13158
Mean 0.8122
Std Dev 0.1263
Underflow 0
Overflow 1
Integral 1.316e+04

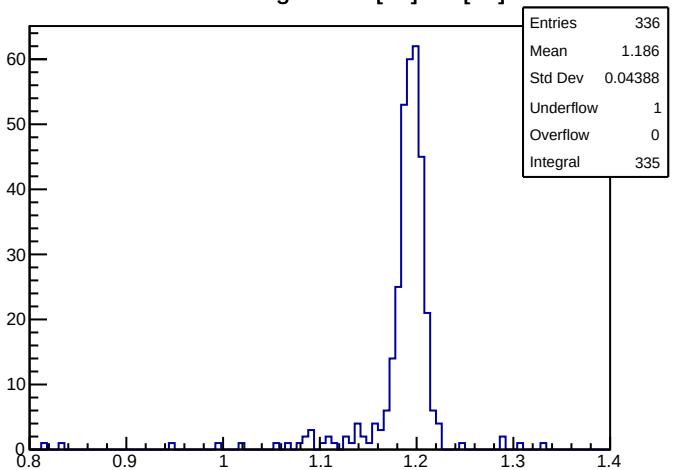

sftx all Sch[27]-Tof[12]
Entries 2338
Mean 84.36
Std Dev 7.427
Underflow 7
Overflow 0
Integral 2331

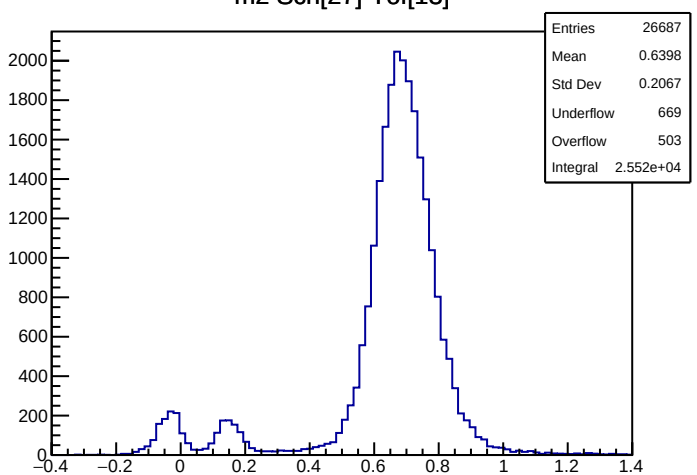

MissMass Sigma Sch[27]-Tof[12]
Entries 2489
Mean 1.199
Std Dev 0.0339
Underflow 6
Overflow 0
Integral 2483

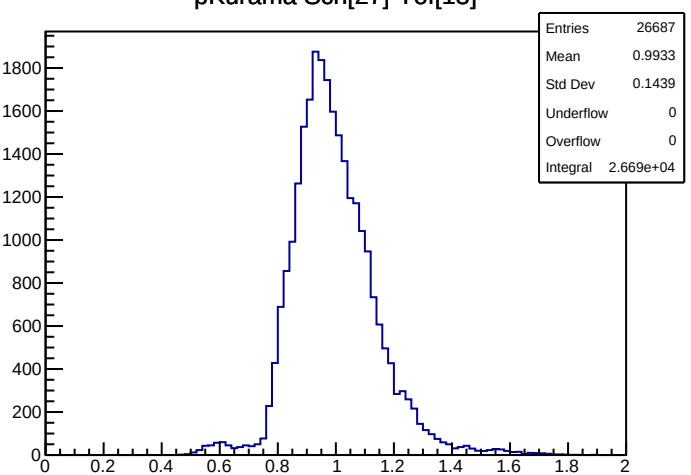

m2 Sch[27]-Tof[12]
Entries 41539
Mean 0.6893
Std Dev 0.272
Underflow 337
Overflow 579
Integral 4.062e+04

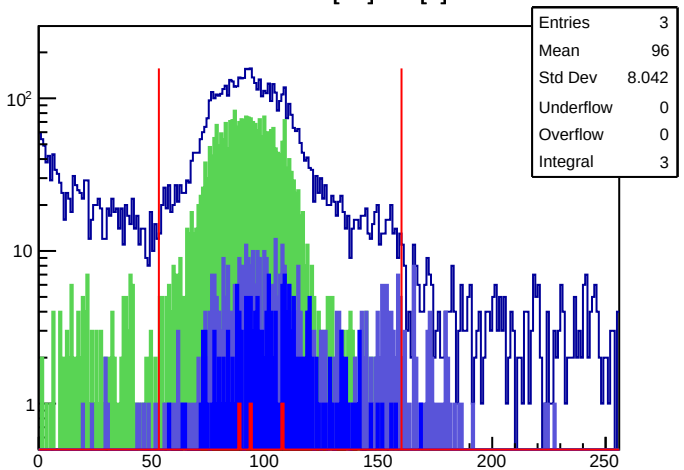

pKurama Sch[27]-Tof[12]
Entries 41539
Mean 0.9324
Std Dev 0.1028
Underflow 0
Overflow 1
Integral 4.154e+04

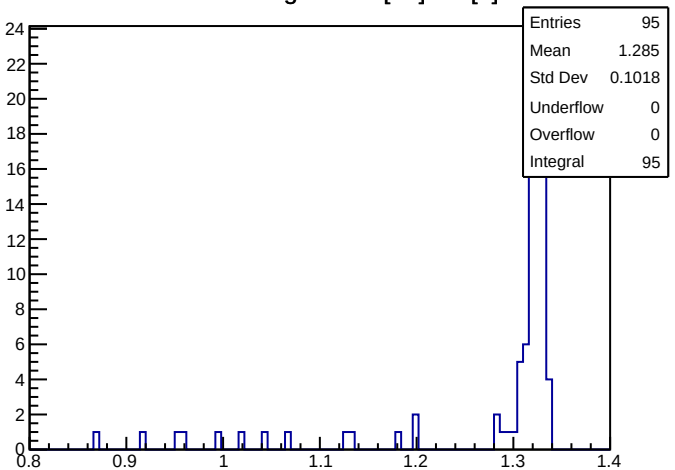

sftx all Sch[27]-Tof[13]
Entries 339
Mean 69.86
Std Dev 5.936
Underflow 0
Overflow 0
Integral 339

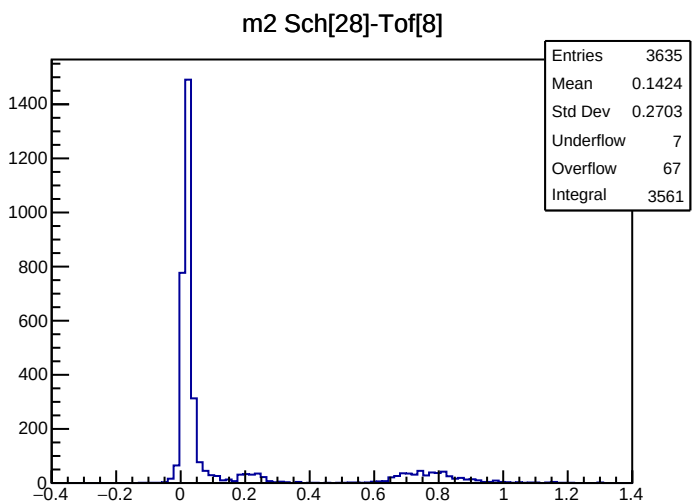

MissMass Sigma Sch[27]-Tof[13]
Entries 336
Mean 1.186
Std Dev 0.04388
Underflow 1
Overflow 0
Integral 335

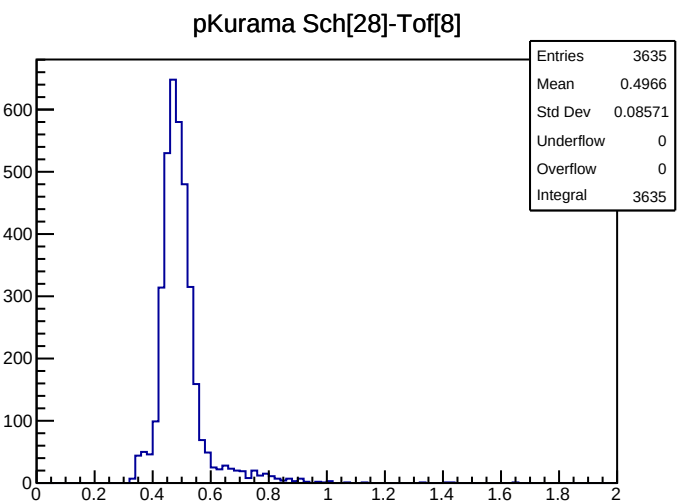

m2 Sch[27]-Tof[13]
Entries 26687
Mean 0.6398
Std Dev 0.2067
Underflow 669
Overflow 503
Integral 2.552e+04

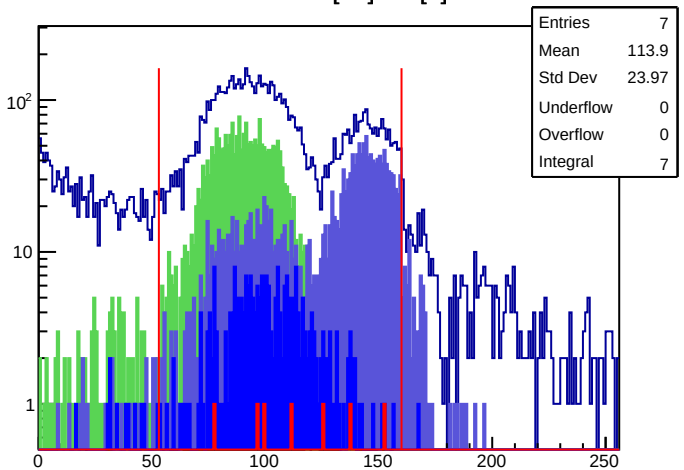

pKurama Sch[27]-Tof[13]
Entries 26687
Mean 0.9933
Std Dev 0.1439
Underflow 0
Overflow 0
Integral 2.669e+04

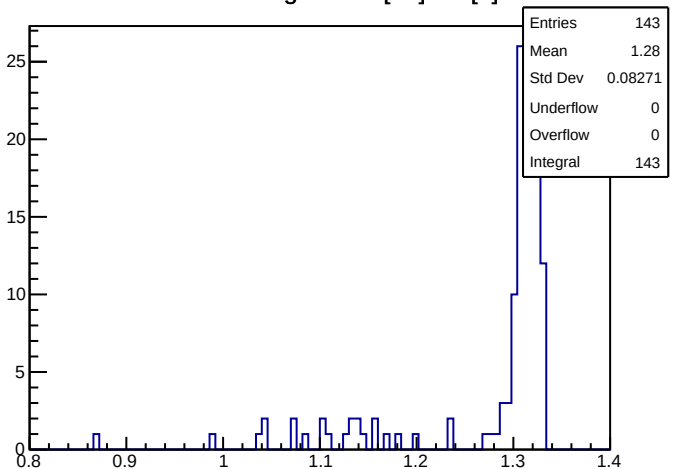

sftx all Sch[28]-Tof[8]
Entries 3
Mean 96
Std Dev 8.042
Underflow 0
Overflow 0
Integral 3

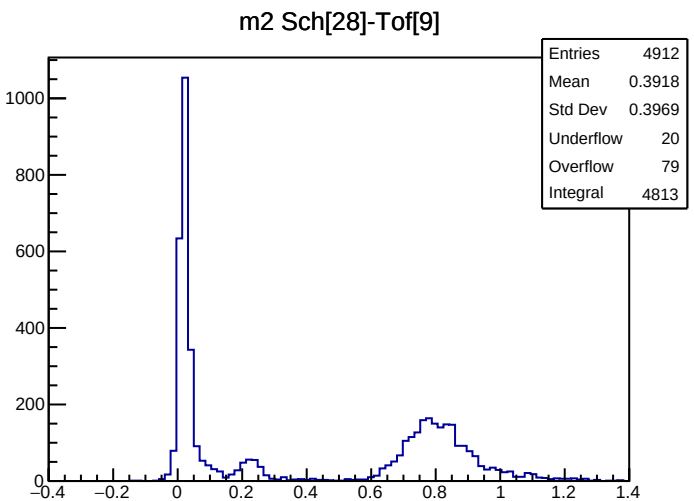

MissMass Sigma Sch[28]-Tof[8]
Entries 95
Mean 1.285
Std Dev 0.1018
Underflow 0
Overflow 0
Integral 95

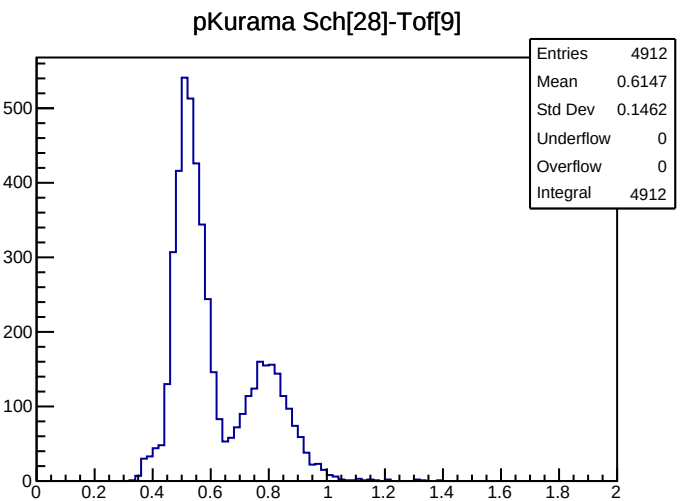

m2 Sch[28]-Tof[8]
Entries 3635
Mean 0.1424
Std Dev 0.2703
Underflow 7
Overflow 67
Integral 3561

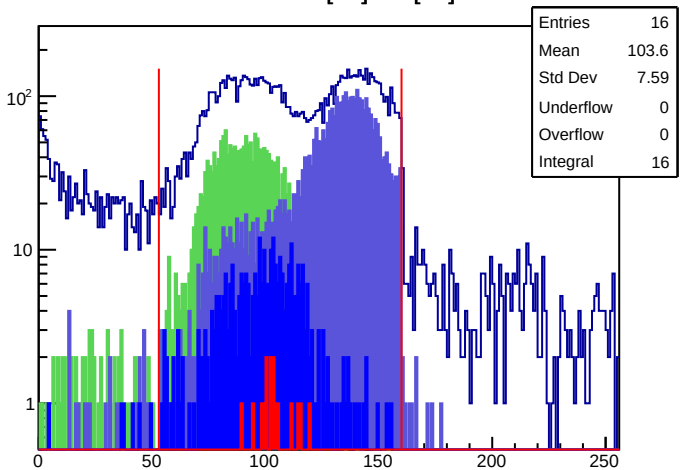

pKurama Sch[28]-Tof[8]
Entries 3635
Mean 0.4966
Std Dev 0.08571
Underflow 0
Overflow 0
Integral 3635

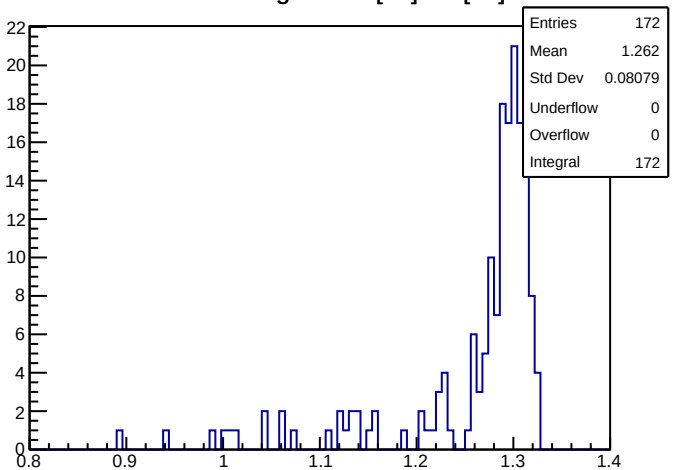

sftx all Sch[28]-Tof[9]
Entries 7
Mean 113.9
Std Dev 23.97
Underflow 0
Overflow 0
Integral 7

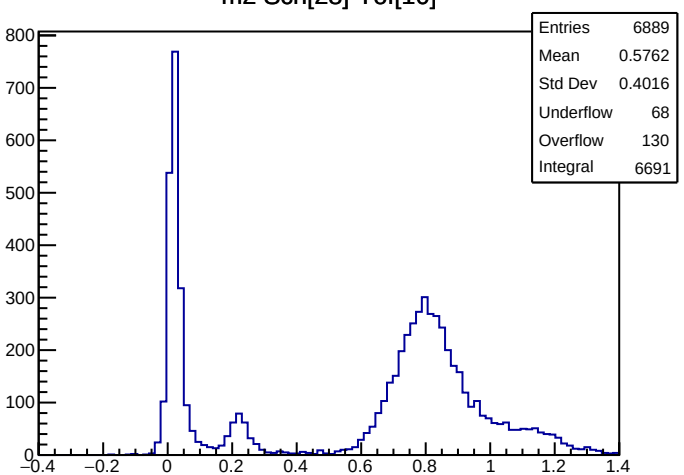

MissMass Sigma Sch[28]-Tof[9]
Entries 143
Mean 1.28
Std Dev 0.08271
Underflow 0
Overflow 0
Integral 143

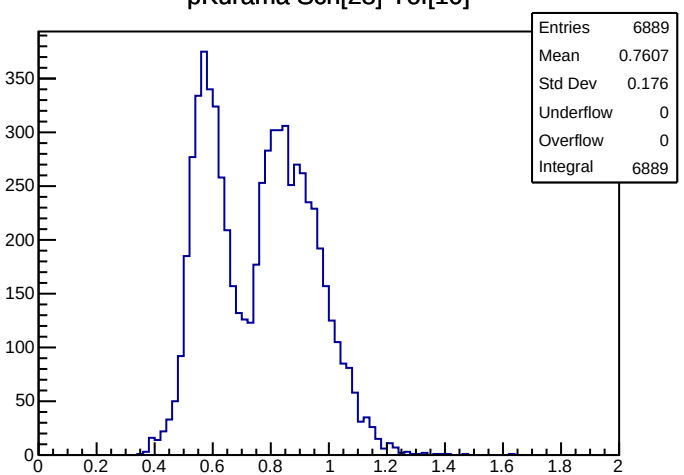

m2 Sch[28]-Tof[9]
Entries 4912
Mean 0.3918
Std Dev 0.3969
Underflow 20
Overflow 79
Integral 4813

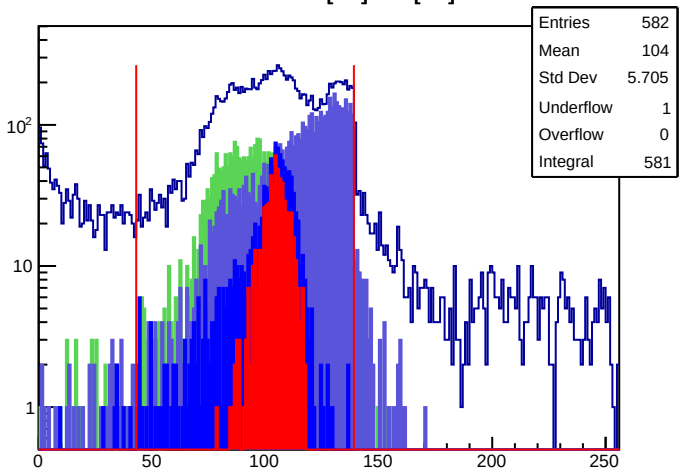

pKurama Sch[28]-Tof[9]
Entries 4912
Mean 0.6147
Std Dev 0.1462
Underflow 0
Overflow 0
Integral 4912

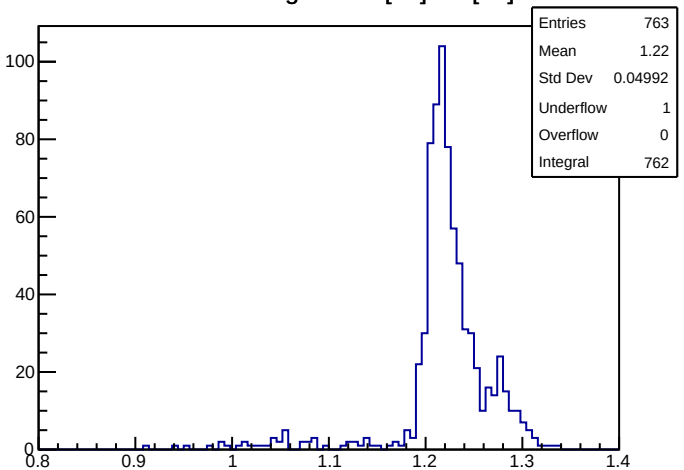

sftx all Sch[28]-Tof[10]
Entries 16
Mean 103.6
Std Dev 7.59
Underflow 0
Overflow 0
Integral 16

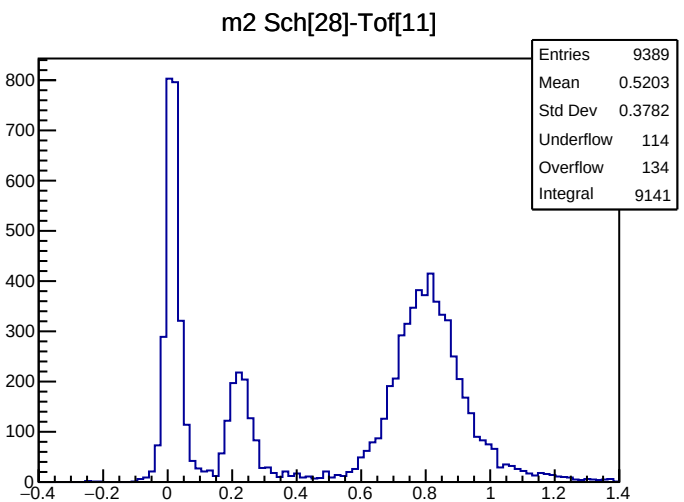

MissMass Sigma Sch[28]-Tof[10]
Entries 172
Mean 1.262
Std Dev 0.08079
Underflow 0
Overflow 0
Integral 172

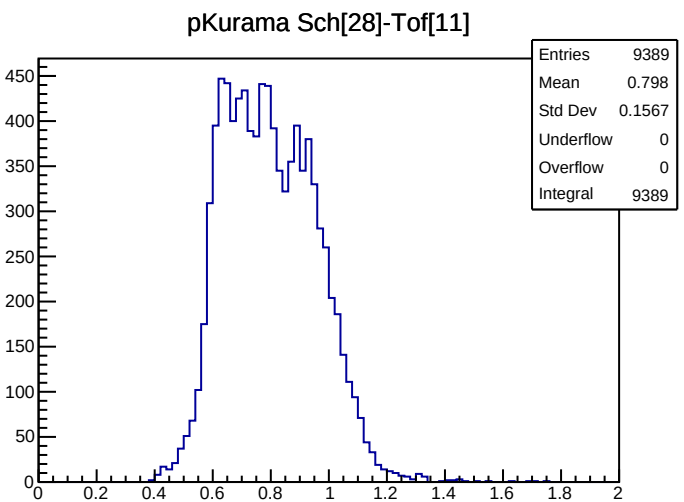

m2 Sch[28]-Tof[10]
Entries 6889
Mean 0.5762
Std Dev 0.4016
Underflow 68
Overflow 130
Integral 6691

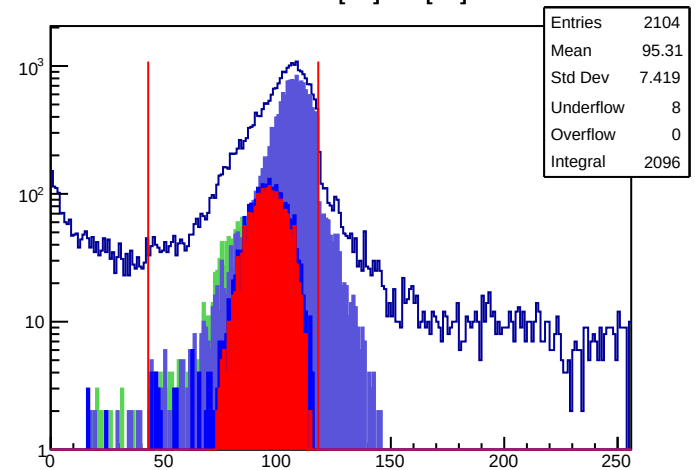

pKurama Sch[28]-Tof[10]
Entries 6889
Mean 0.7607
Std Dev 0.176
Underflow 0
Overflow 0
Integral 6889

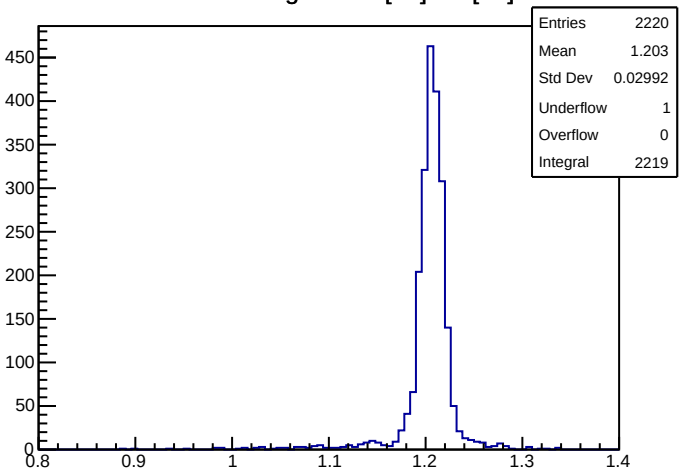

sftx all Sch[28]-Tof[11]
Entries 582
Mean 104
Std Dev 5.705
Underflow 1
Overflow 0
Integral 581

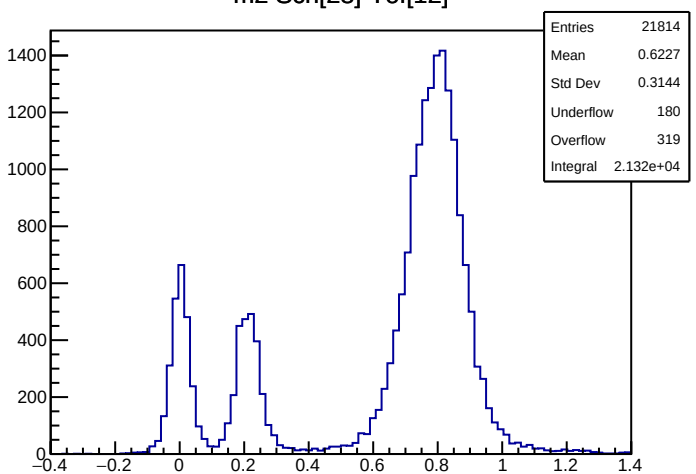

MissMass Sigma Sch[28]-Tof[11]
Entries 763
Mean 1.22
Std Dev 0.04992
Underflow 1
Overflow 0
Integral 762

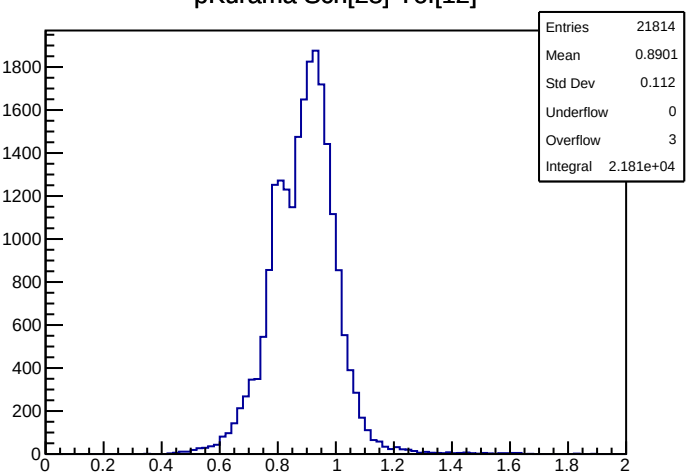

m2 Sch[28]-Tof[11]
Entries 9389
Mean 0.5203
Std Dev 0.3782
Underflow 114
Overflow 134
Integral 9141

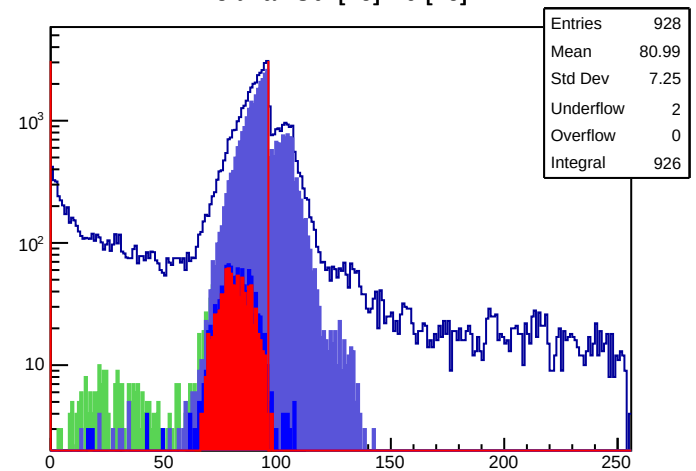

pKurama Sch[28]-Tof[11]
Entries 9389
Mean 0.798
Std Dev 0.1567
Underflow 0
Overflow 0
Integral 9389

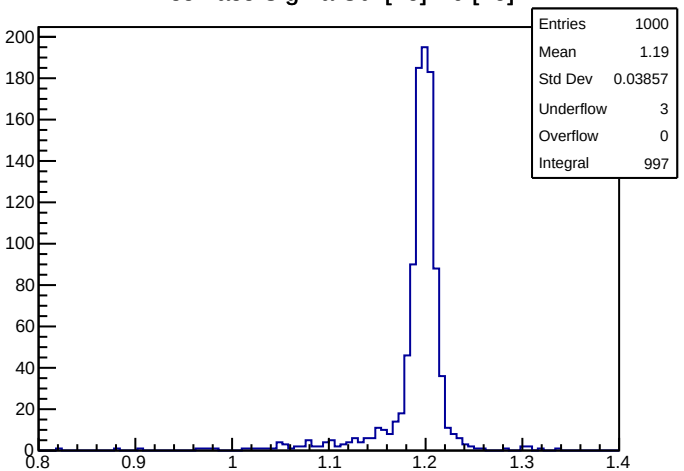

sftx all Sch[28]-Tof[12]
Entries 2104
Mean 95.31
Std Dev 7.419
Underflow 8
Overflow 0
Integral 2096

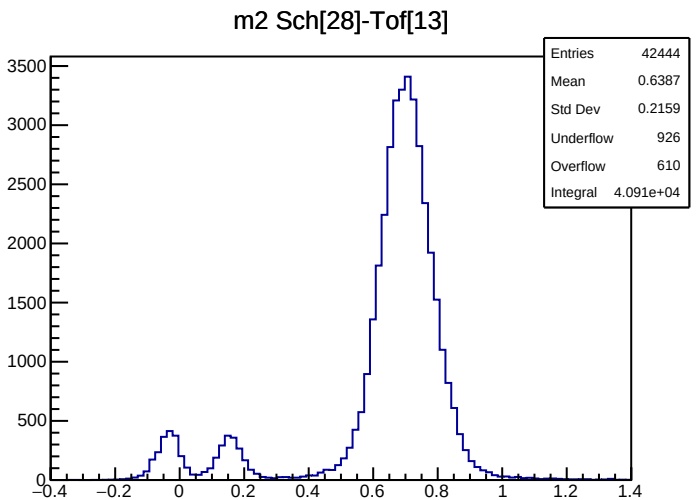

MissMass Sigma Sch[28]-Tof[12]
Entries 2220
Mean 1.203
Std Dev 0.02992
Underflow 1
Overflow 0
Integral 2219

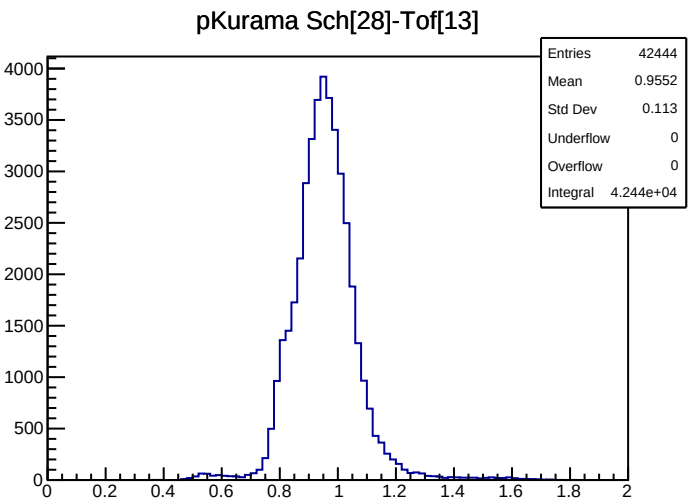

m2 Sch[28]-Tof[12]
Entries 21814
Mean 0.6227
Std Dev 0.3144
Underflow 180
Overflow 319
Integral 2.132e+04

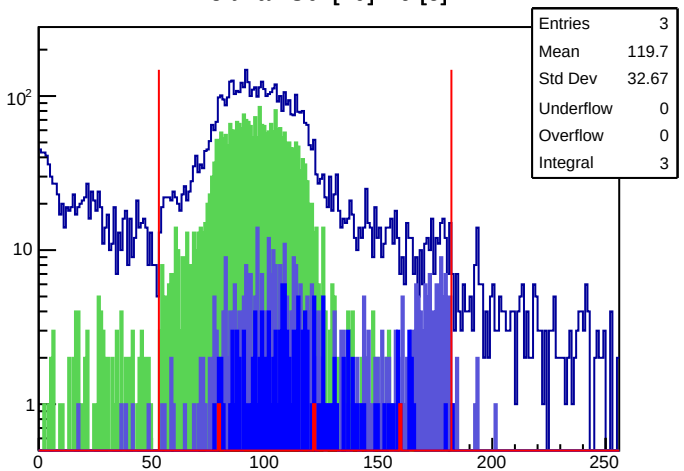

pKurama Sch[28]-Tof[12]
Entries 21814
Mean 0.8901
Std Dev 0.112
Underflow 0
Overflow 3
Integral 2.181e+04

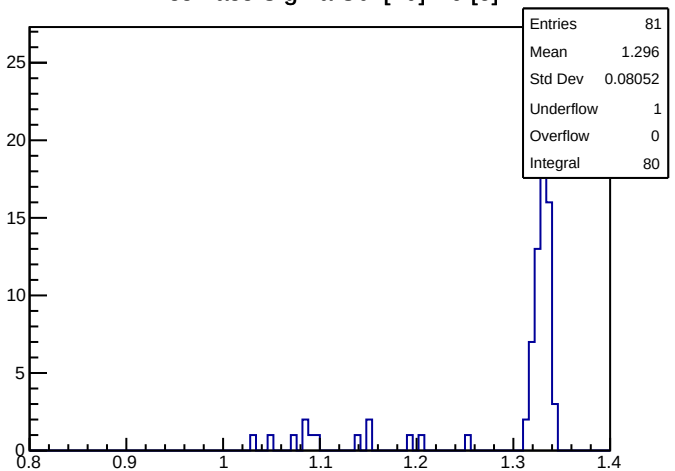

sftx all Sch[28]-Tof[13]
Entries 928
Mean 80.99
Std Dev 7.25
Underflow 2
Overflow 0
Integral 926

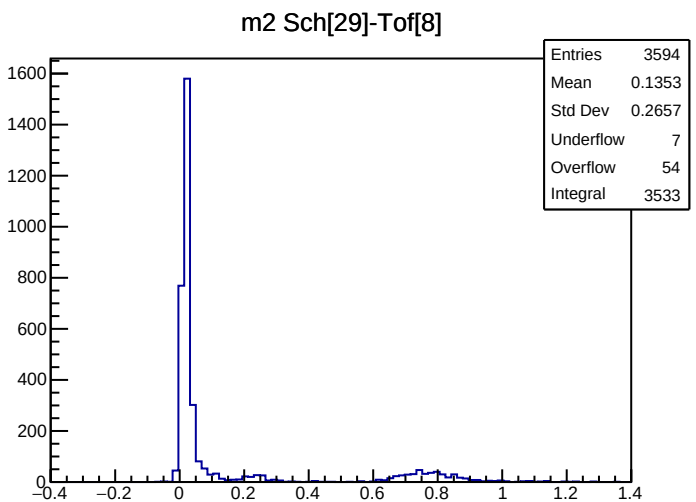

MissMass Sigma Sch[28]-Tof[13]
Entries 1000
Mean 1.19
Std Dev 0.03857
Underflow 3
Overflow 0
Integral 997

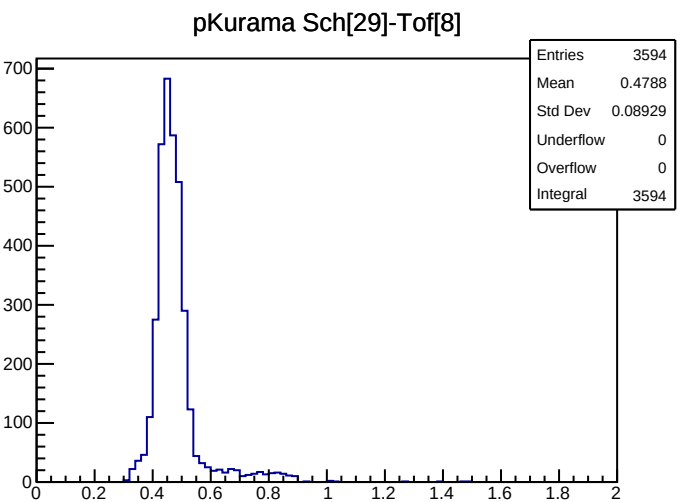

m2 Sch[28]-Tof[13]
Entries 42444
Mean 0.6387
Std Dev 0.2159
Underflow 926
Overflow 610
Integral 4.091e+04

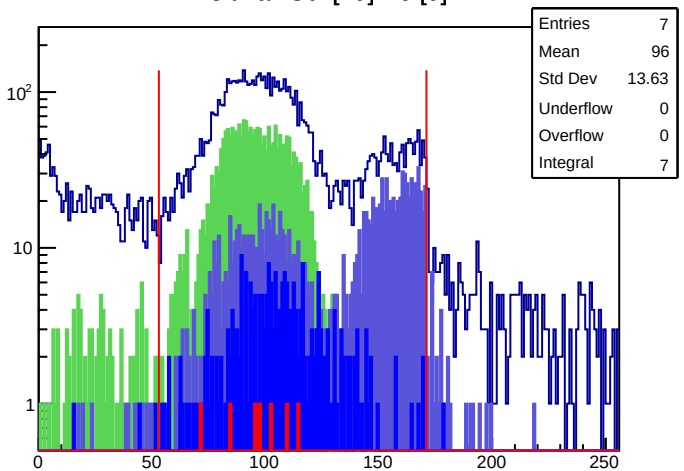

pKurama Sch[28]-Tof[13]
Entries 42444
Mean 0.9552
Std Dev 0.113
Underflow 0
Overflow 0
Integral 4.244e+04

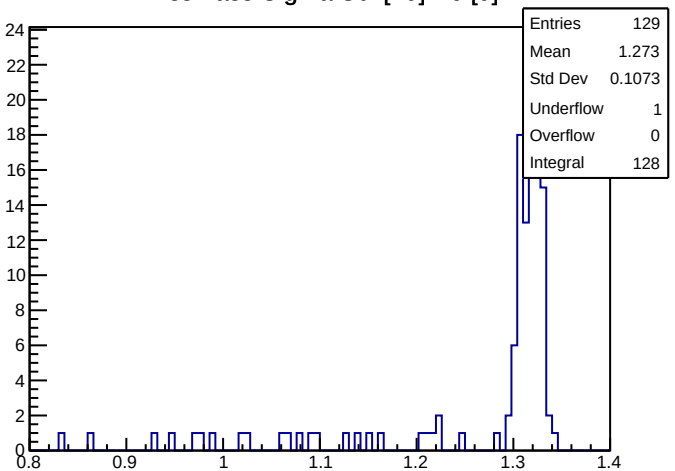

sftx all Sch[29]-Tof[8]
Entries 3
Mean 119.7
Std Dev 32.67
Underflow 0
Overflow 0
Integral 3

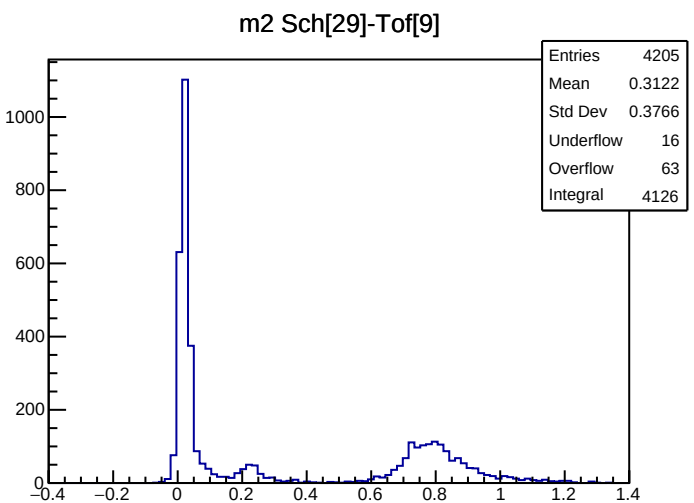

MissMass Sigma Sch[29]-Tof[8]
Entries 81
Mean 1.296
Std Dev 0.08052
Underflow 1
Overflow 0
Integral 80

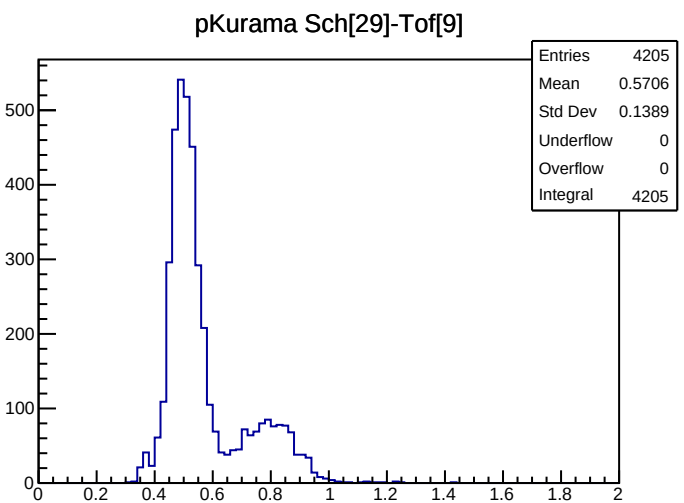

m2 Sch[29]-Tof[8]
Entries 3594
Mean 0.1353
Std Dev 0.2657
Underflow 7
Overflow 54
Integral 3533

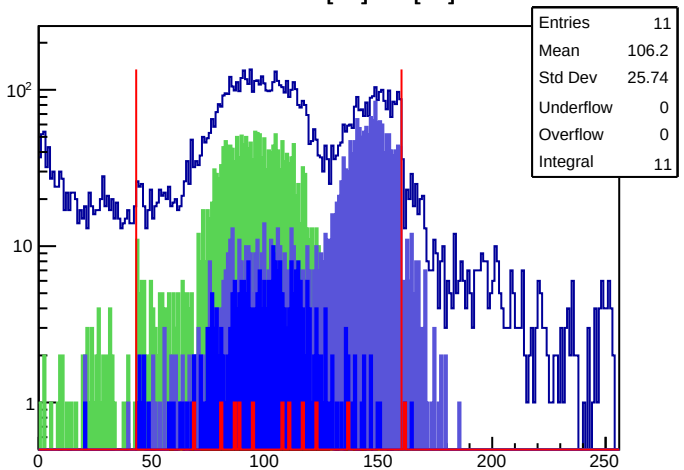

pKurama Sch[29]-Tof[8]
Entries 3594
Mean 0.4788
Std Dev 0.08929
Underflow 0
Overflow 0
Integral 3594

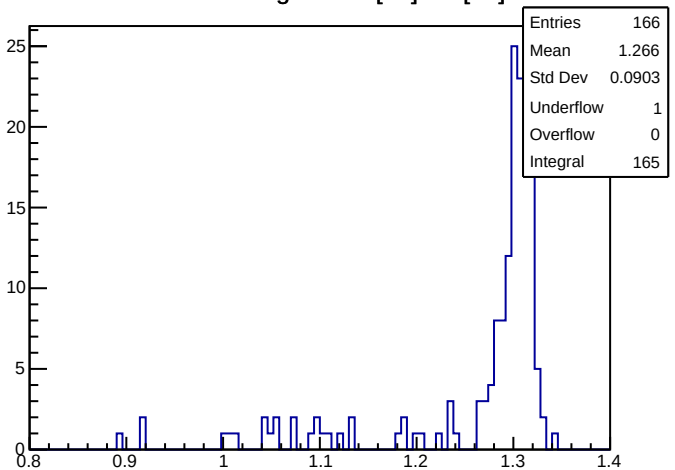

sftx all Sch[29]-Tof[9]
Entries 7
Mean 96
Std Dev 13.63
Underflow 0
Overflow 0
Integral 7

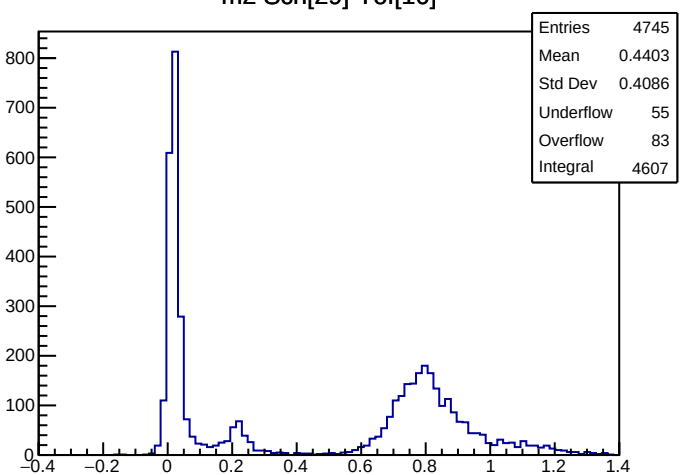

MissMass Sigma Sch[29]-Tof[9]
Entries 129
Mean 1.273
Std Dev 0.1073
Underflow 1
Overflow 0
Integral 128

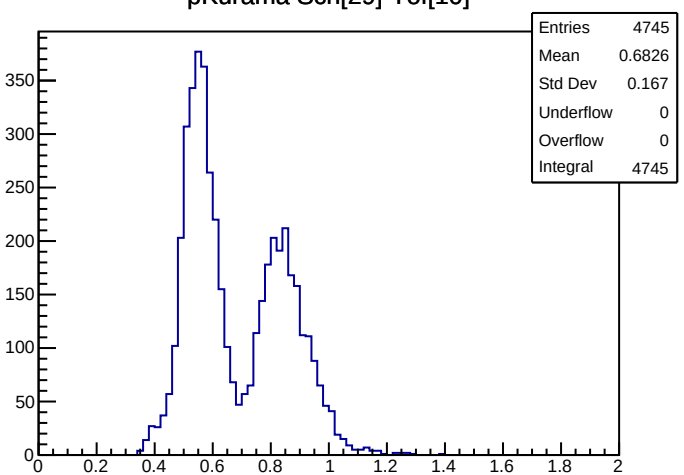

m2 Sch[29]-Tof[9]
Entries 4205
Mean 0.3122
Std Dev 0.3766
Underflow 16
Overflow 63
Integral 4126

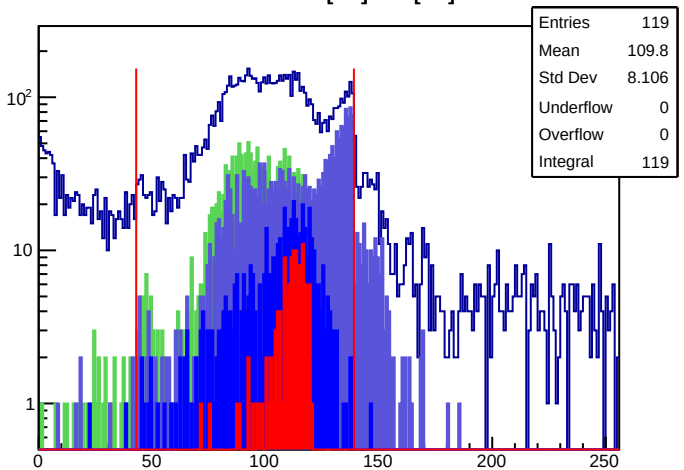

pKurama Sch[29]-Tof[9]
Entries 4205
Mean 0.5706
Std Dev 0.1389
Underflow 0
Overflow 0
Integral 4205

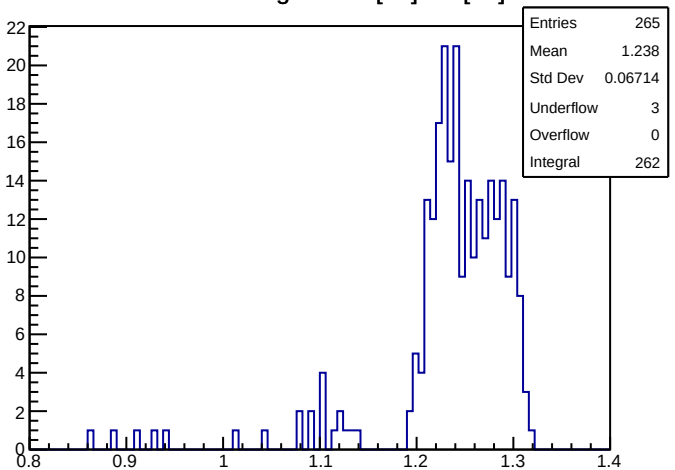

sftx all Sch[29]-Tof[10]
Entries 11
Mean 106.2
Std Dev 25.74
Underflow 0
Overflow 0
Integral 11

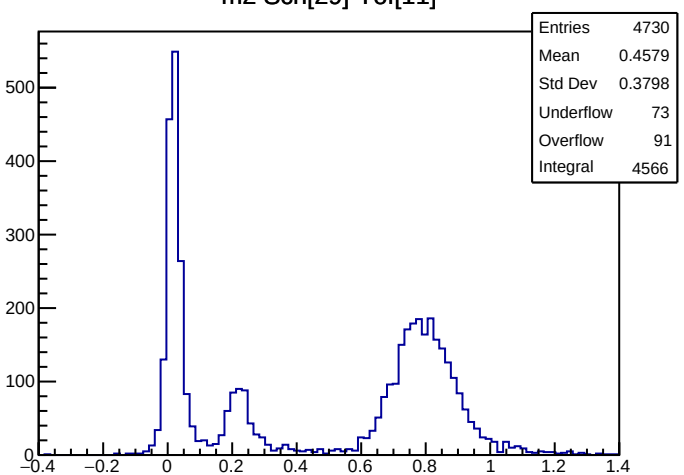

MissMass Sigma Sch[29]-Tof[10]
Entries 166
Mean 1.266
Std Dev 0.0903
Underflow 1
Overflow 0
Integral 165

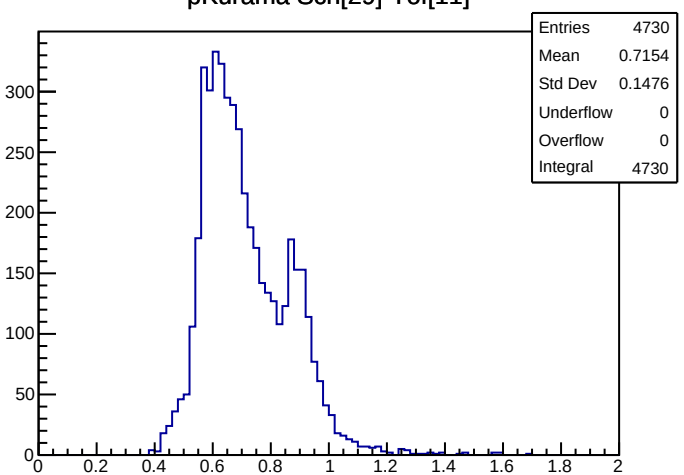

m2 Sch[29]-Tof[10]
Entries 4745
Mean 0.4403
Std Dev 0.4086
Underflow 55
Overflow 83
Integral 4607

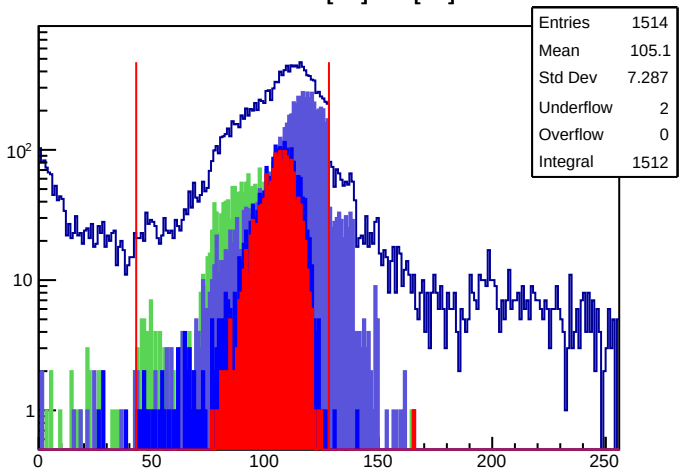

pKurama Sch[29]-Tof[10]
Entries 4745
Mean 0.6826
Std Dev 0.167
Underflow 0
Overflow 0
Integral 4745

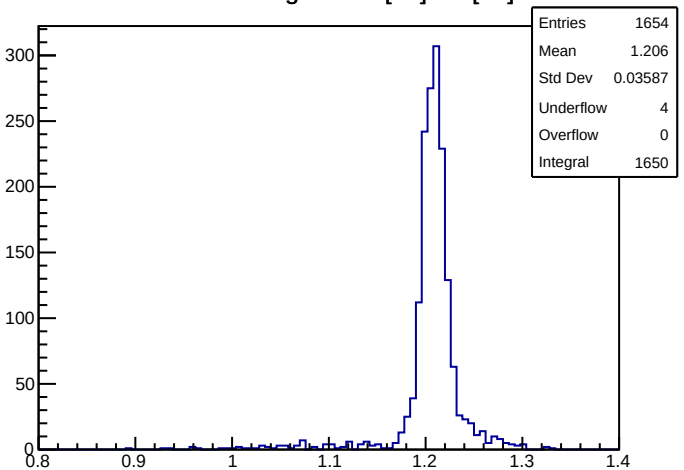

sftx all Sch[29]-Tof[11]
Entries 119
Mean 109.8
Std Dev 8.106
Underflow 0
Overflow 0
Integral 119

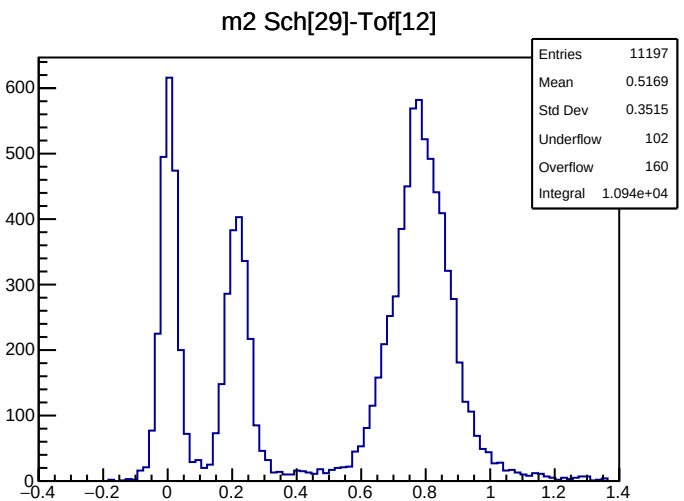

MissMass Sigma Sch[29]-Tof[11]
Entries 265
Mean 1.238
Std Dev 0.06714
Underflow 3
Overflow 0
Integral 262

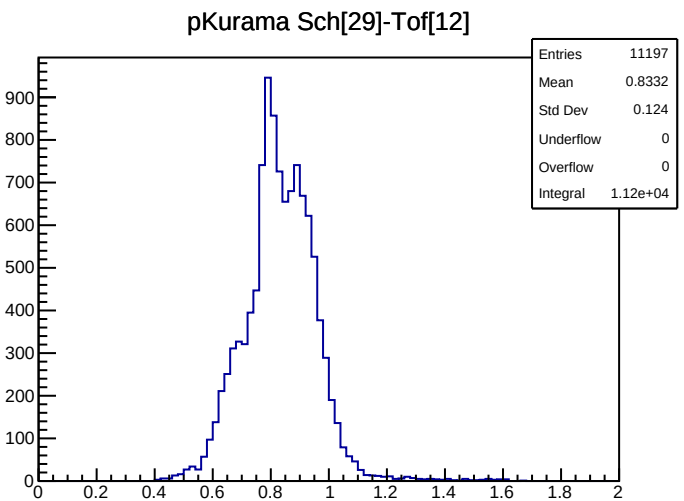

m2 Sch[29]-Tof[11]
Entries 4730
Mean 0.4579
Std Dev 0.3798
Underflow 73
Overflow 91
Integral 4566

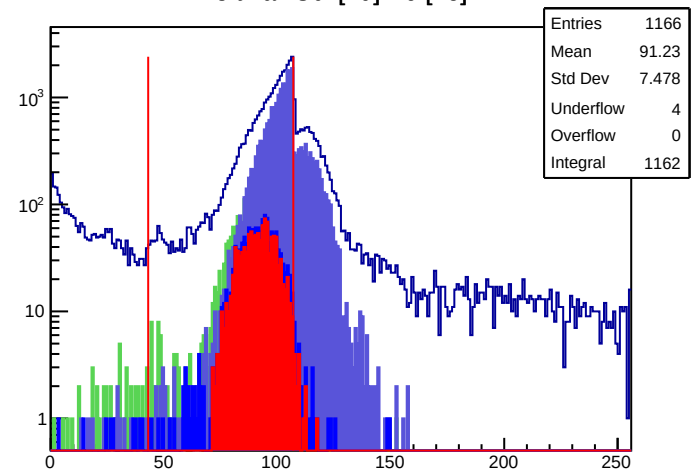

pKurama Sch[29]-Tof[11]
Entries 4730
Mean 0.7154
Std Dev 0.1476
Underflow 0
Overflow 0
Integral 4730

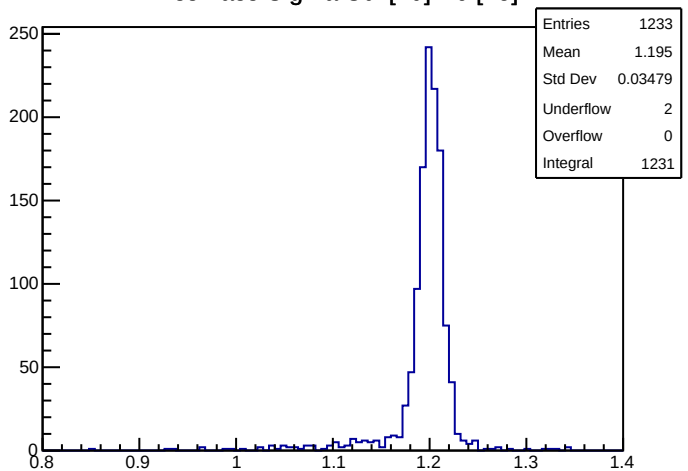

sftx all Sch[29]-Tof[12]
Entries 1514
Mean 105.1
Std Dev 7.287
Underflow 2
Overflow 0
Integral 1512
10²
10
1
0
50
100
150
200
250

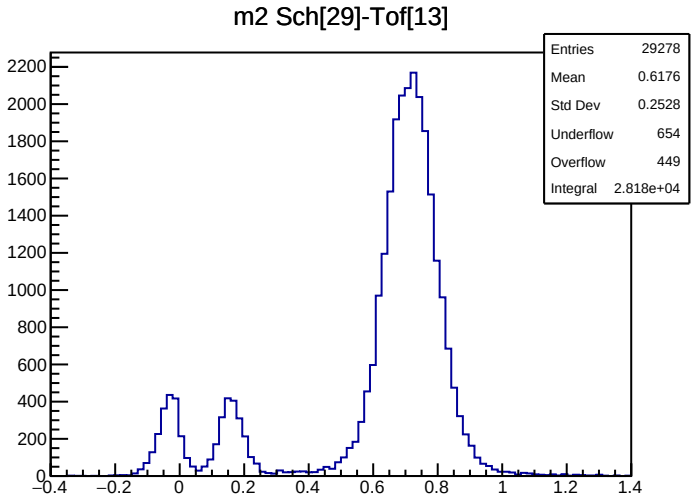

MissMass Sigma Sch[29]-Tof[12]
Entries 1654
Mean 1.206
Std Dev 0.03587
Underflow 4
Overflow 0
Integral 1650
300
250
200
150
100
50
0
0.8
0.9
1
1.1
1.2
1.3
1.4

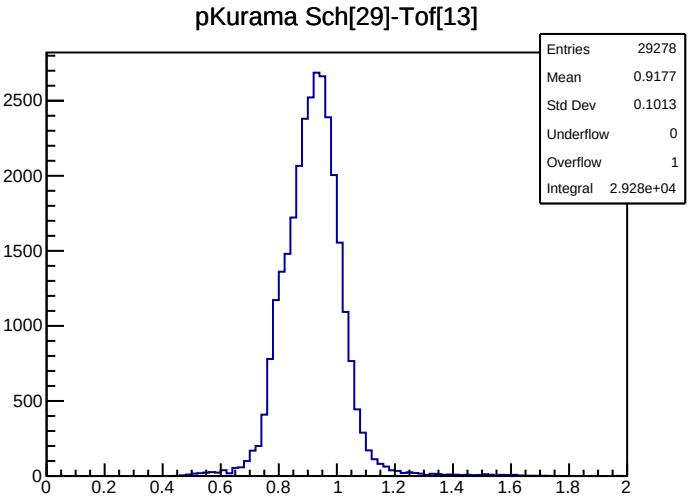

m2 Sch[29]-Tof[12]
Entries 11197
Mean 0.5169
Std Dev 0.3515
Underflow 102
Overflow 160
Integral 1.094e+04
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

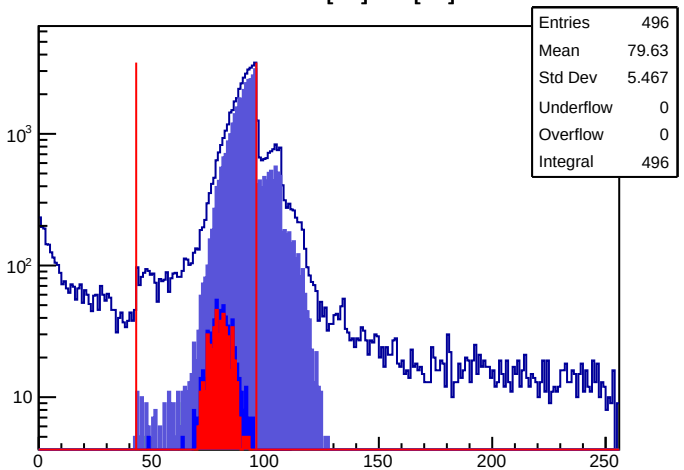

pKurama Sch[29]-Tof[12]
Entries 11197
Mean 0.8332
Std Dev 0.124
Underflow 0
Overflow 0
Integral 1.12e+04
900
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

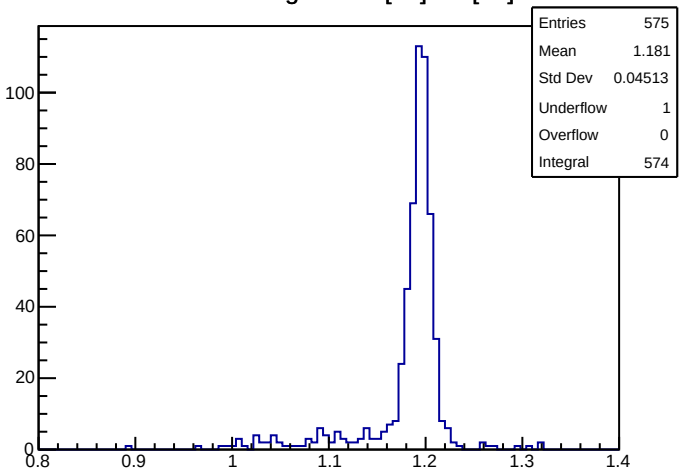

sftx all Sch[29]-Tof[13]
Entries 1166
Mean 91.23
Std Dev 7.478
Underflow 4
Overflow 0
Integral 1162

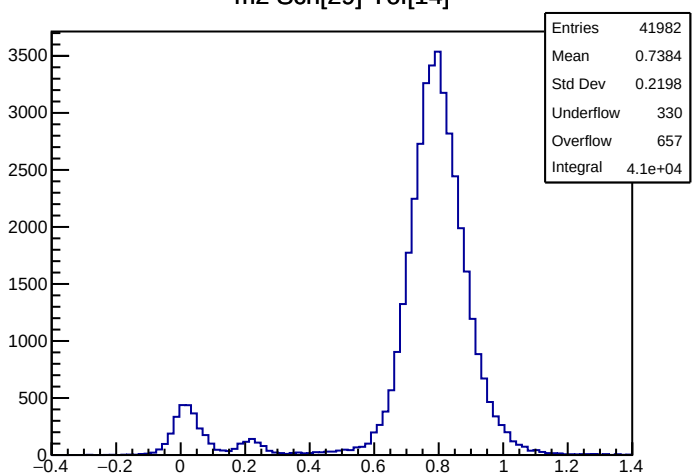

MissMass Sigma Sch[29]-Tof[13]
Entries 1233
Mean 1.195
Std Dev 0.03479
Underflow 2
Overflow 0
Integral 1231

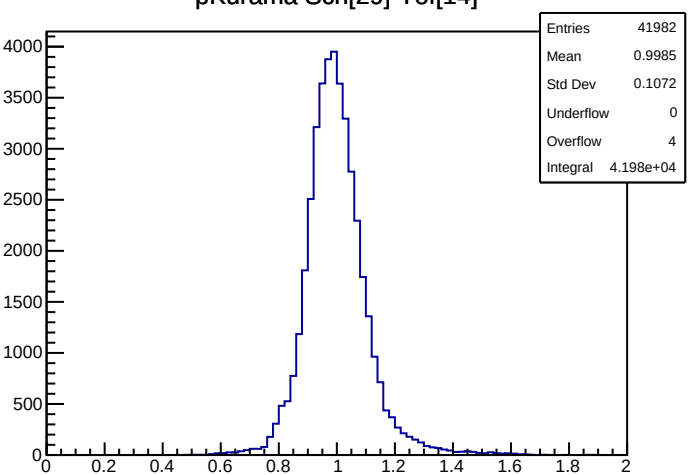

m2 Sch[29]-Tof[13]
Entries 29278
Mean 0.6176
Std Dev 0.2528
Underflow 654
Overflow 449
Integral 2.818e+04

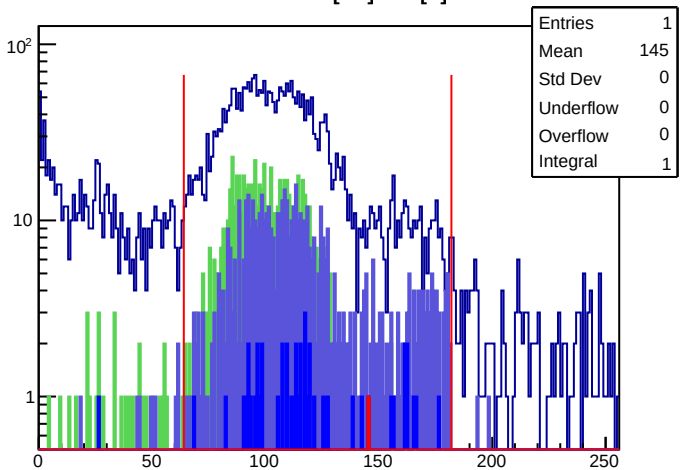

pKurama Sch[29]-Tof[13]
Entries 29278
Mean 0.9177
Std Dev 0.1013
Underflow 0
Overflow 1
Integral 2.928e+04

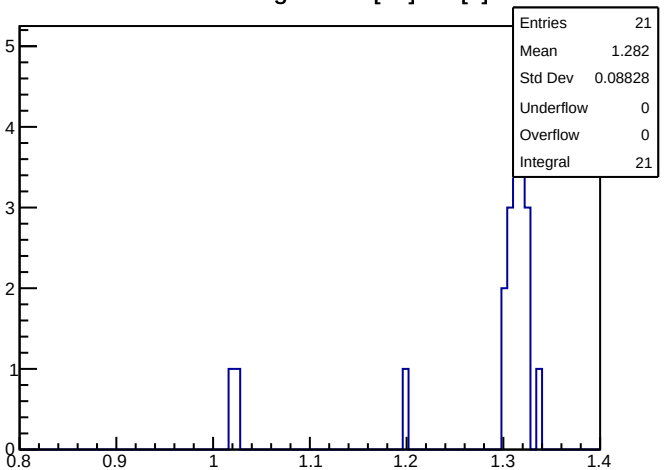

sftx all Sch[29]-Tof[14]
Entries 496
Mean 79.63
Std Dev 5.467
Underflow 0
Overflow 0
Integral 496

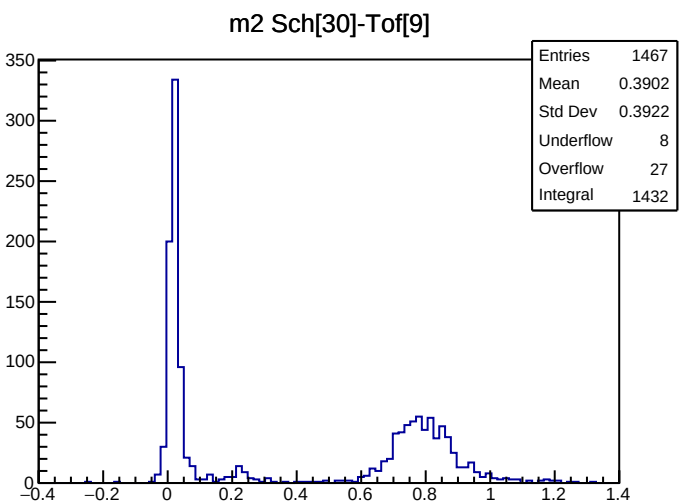

MissMass Sigma Sch[29]-Tof[14]
Entries 575
Mean 1.181
Std Dev 0.04513
Underflow 1
Overflow 0
Integral 574

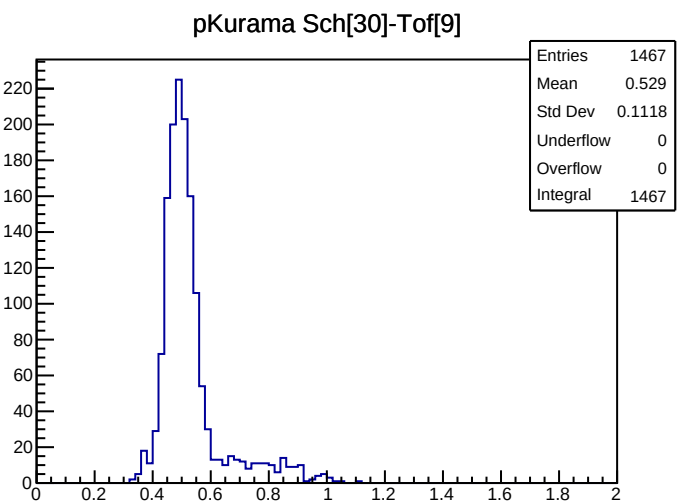

m2 Sch[29]-Tof[14]
Entries 41982
Mean 0.7384
Std Dev 0.2198
Underflow 330
Overflow 657
Integral 4.1e+04

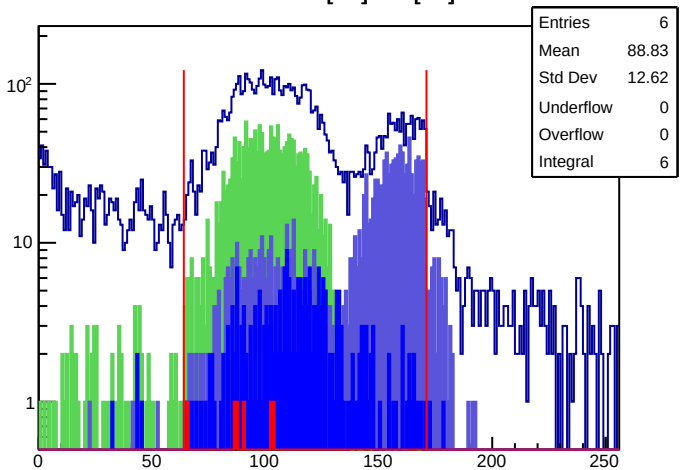

pKurama Sch[29]-Tof[14]
Entries 41982
Mean 0.9985
Std Dev 0.1072
Underflow 0
Overflow 4
Integral 4.198e+04

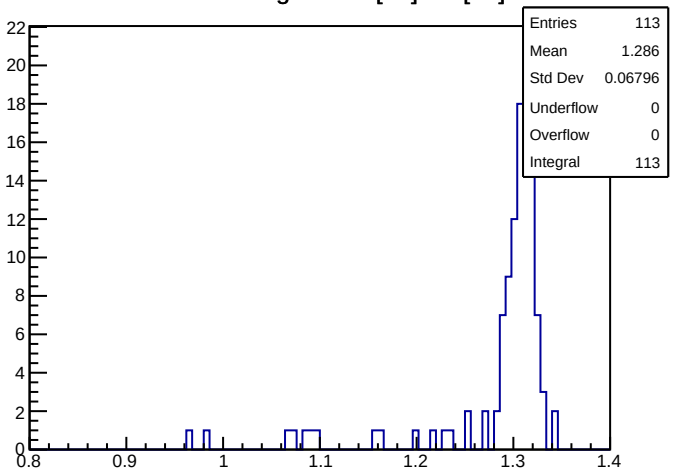

sftx all Sch[30]-Tof[9]
Entries 1
Mean 145
Std Dev 0
Underflow 0
Overflow 0
Integral 1

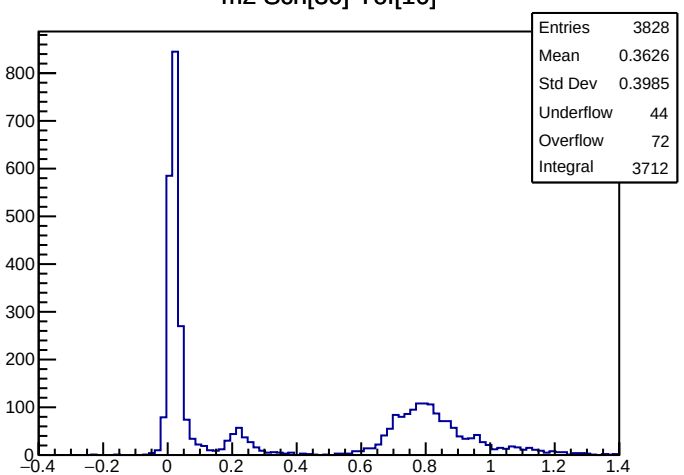

MissMass Sigma Sch[30]-Tof[9]
Entries 21
Mean 1.282
Std Dev 0.08828
Underflow 0
Overflow 0
Integral 21

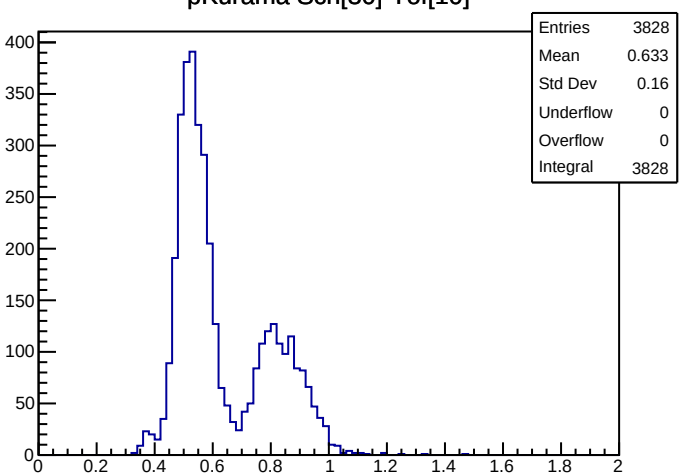

m2 Sch[30]-Tof[9]
Entries 1467
Mean 0.3902
Std Dev 0.3922
Underflow 8
Overflow 27
Integral 1432

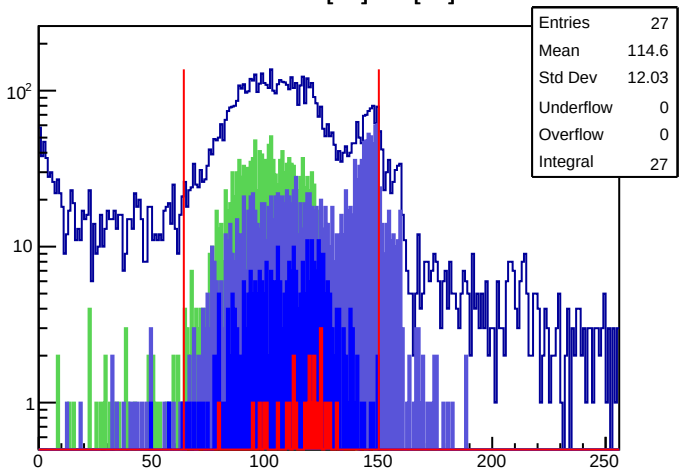

pKurama Sch[30]-Tof[9]
Entries 1467
Mean 0.529
Std Dev 0.1118
Underflow 0
Overflow 0
Integral 1467

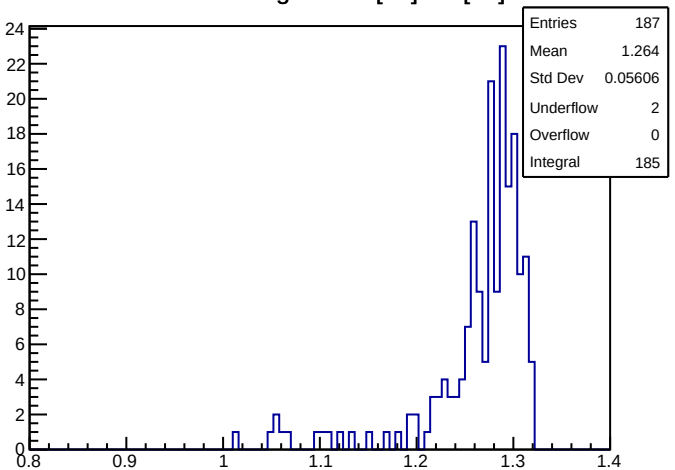

sftx all Sch[30]-Tof[10]
Entries 6
Mean 88.83
Std Dev 12.62
Underflow 0
Overflow 0
Integral 6

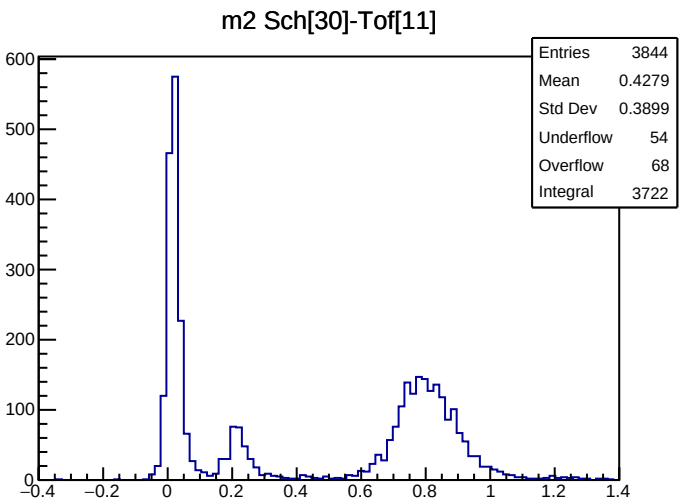

MissMass Sigma Sch[30]-Tof[10]
Entries 113
Mean 1.286
Std Dev 0.06796
Underflow 0
Overflow 0
Integral 113

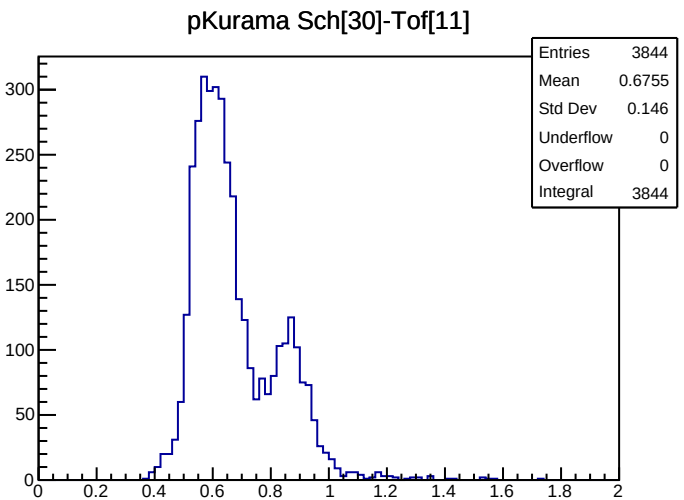

m2 Sch[30]-Tof[10]
Entries 3828
Mean 0.3626
Std Dev 0.3985
Underflow 44
Overflow 72
Integral 3712

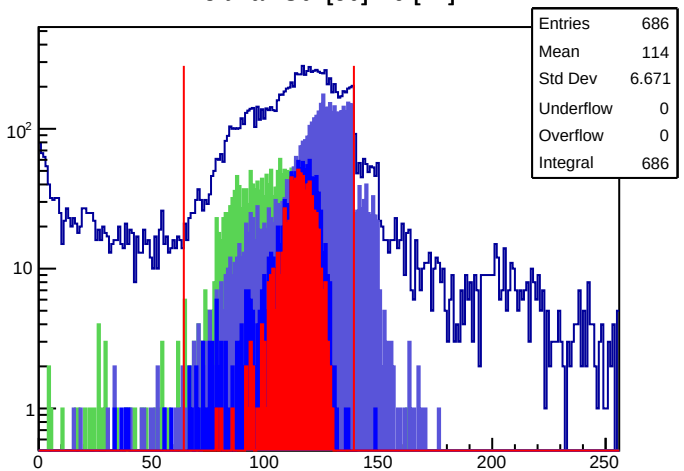

pKurama Sch[30]-Tof[10]
Entries 3828
Mean 0.633
Std Dev 0.16
Underflow 0
Overflow 0
Integral 3828

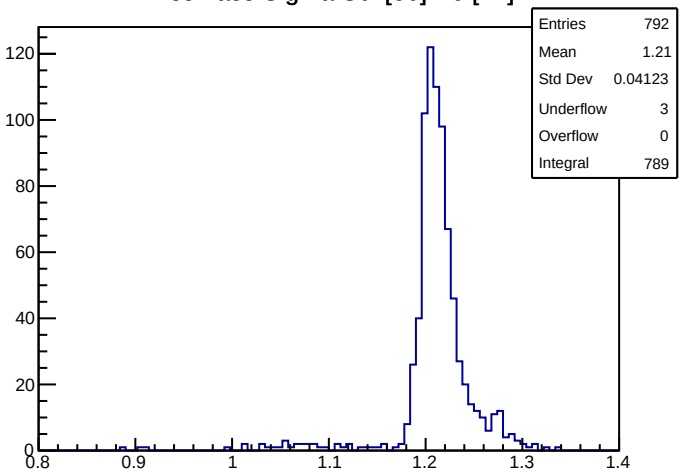

sftx all Sch[30]-Tof[11]
Entries 27
Mean 114.6
Std Dev 12.03
Underflow 0
Overflow 0
Integral 27

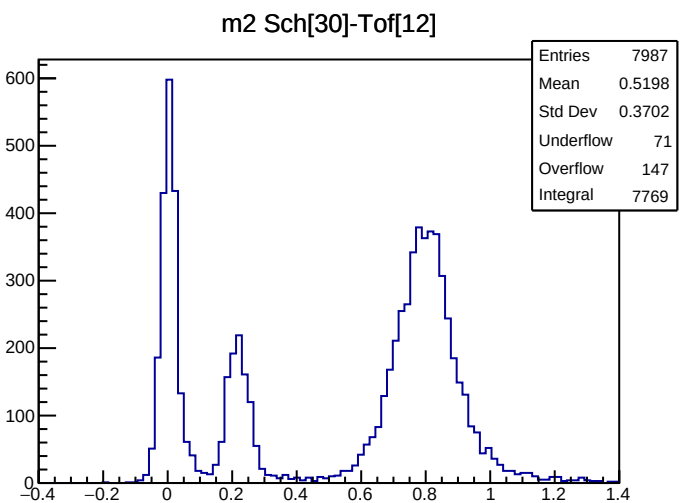

MissMass Sigma Sch[30]-Tof[11]
Entries 187
Mean 1.264
Std Dev 0.05606
Underflow 2
Overflow 0
Integral 185

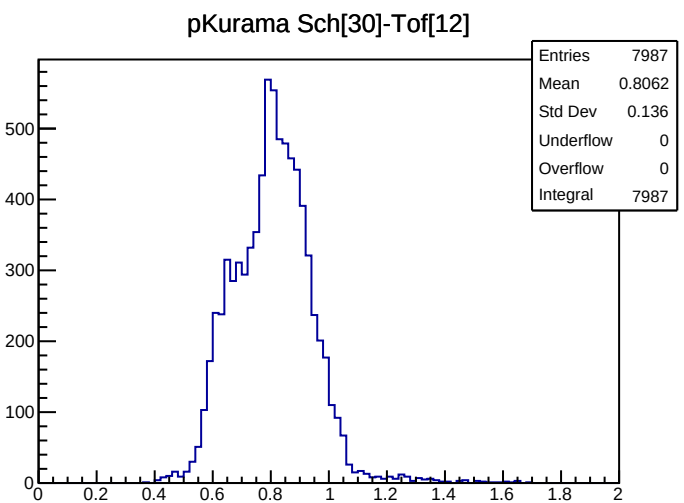

m2 Sch[30]-Tof[11]
Entries 3844
Mean 0.4279
Std Dev 0.3899
Underflow 54
Overflow 68
Integral 3722

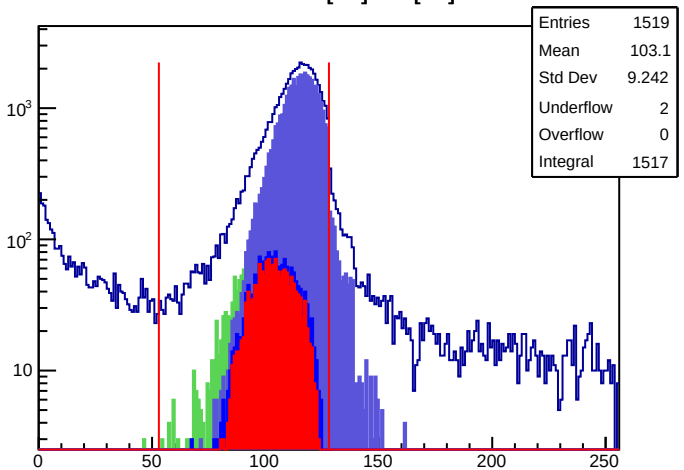

pKurama Sch[30]-Tof[11]
Entries 3844
Mean 0.6755
Std Dev 0.146
Underflow 0
Overflow 0
Integral 3844

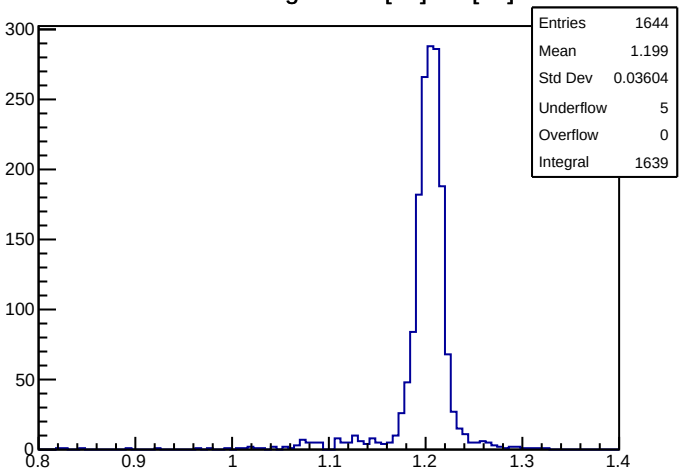

sftx all Sch[30]-Tof[12]
Entries 686
Mean 114
Std Dev 6.671
Underflow 0
Overflow 0
Integral 686

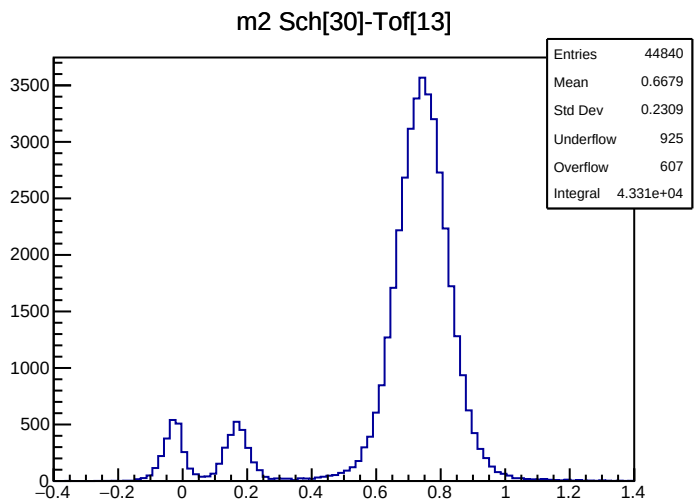

MissMass Sigma Sch[30]-Tof[12]
Entries 792
Mean 1.21
Std Dev 0.04123
Underflow 3
Overflow 0
Integral 789

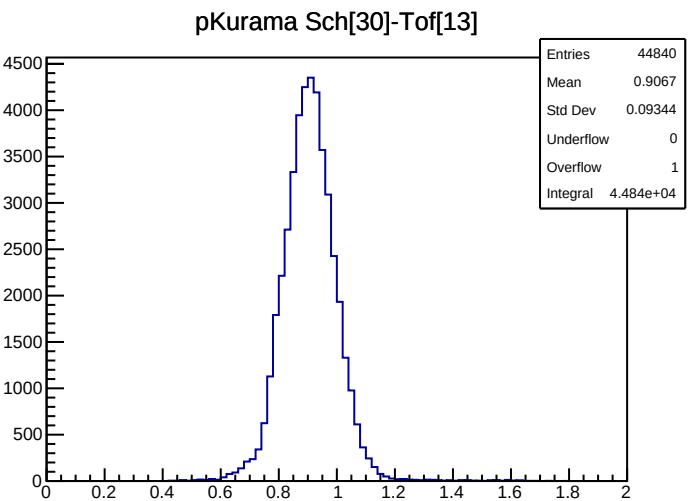

m2 Sch[30]-Tof[12]
Entries 7987
Mean 0.5198
Std Dev 0.3702
Underflow 71
Overflow 147
Integral 7769

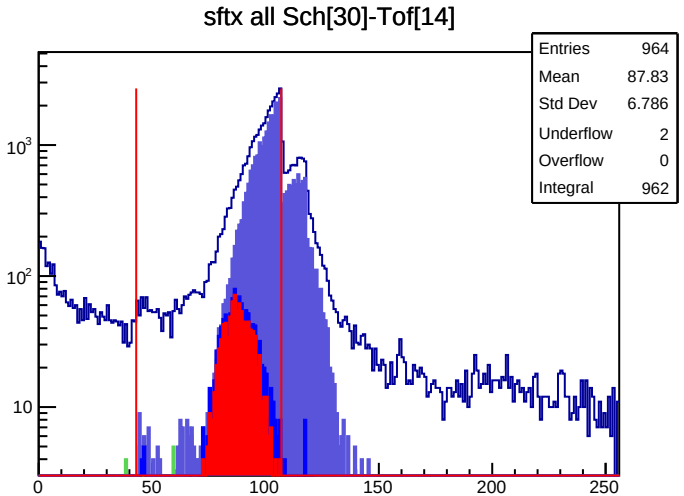

pKurama Sch[30]-Tof[12]
Entries 7987
Mean 0.8062
Std Dev 0.136
Underflow 0
Overflow 0
Integral 7987

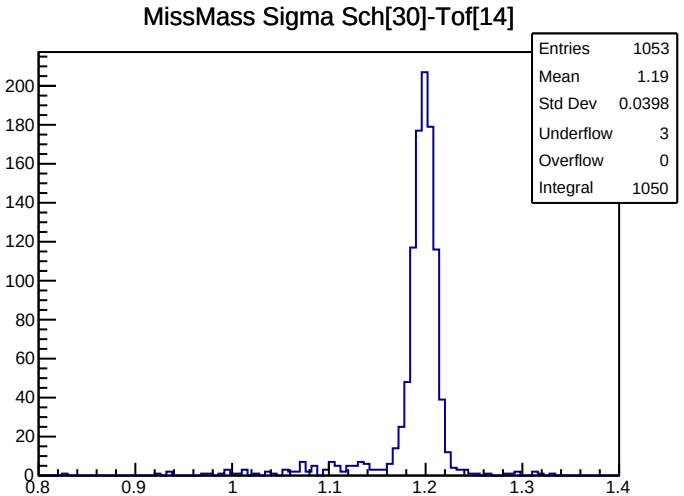

sftx all Sch[30]-Tof[13]
Entries 1519
Mean 103.1
Std Dev 9.242
Underflow 2
Overflow 0
Integral 1517

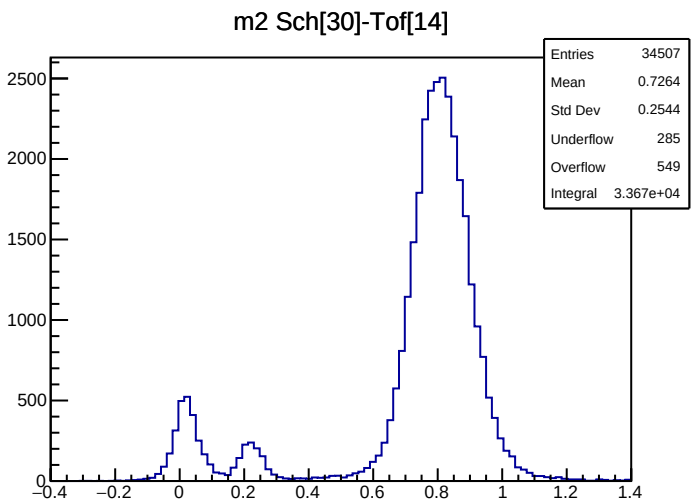

MissMass Sigma Sch[30]-Tof[13]
Entries 1644
Mean 1.199
Std Dev 0.03604
Underflow 5
Overflow 0
Integral 1639

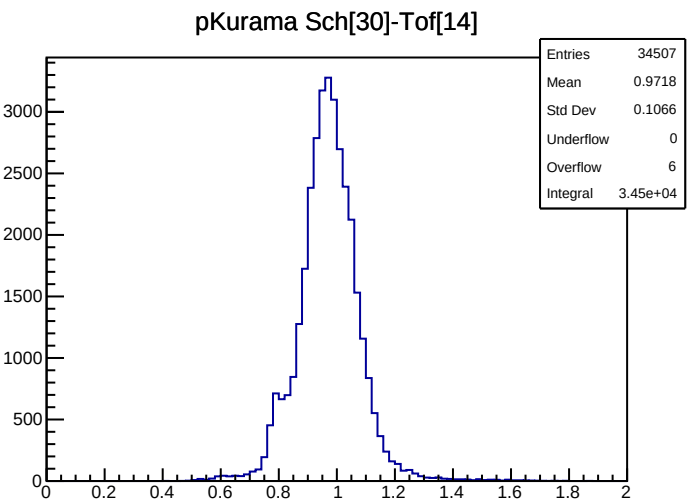

m2 Sch[30]-Tof[13]
Entries 44840
Mean 0.6679
Std Dev 0.2309
Underflow 925
Overflow 607
Integral 4.331e+04

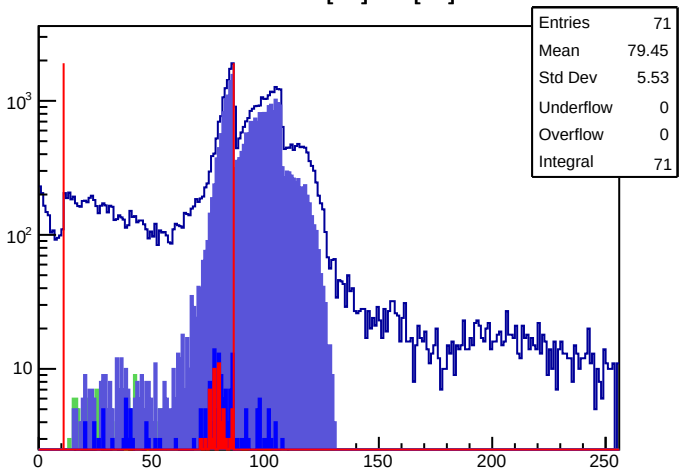

pKurama Sch[30]-Tof[13]
Entries 44840
Mean 0.9067
Std Dev 0.09344
Underflow 0
Overflow 1
Integral 4.484e+04

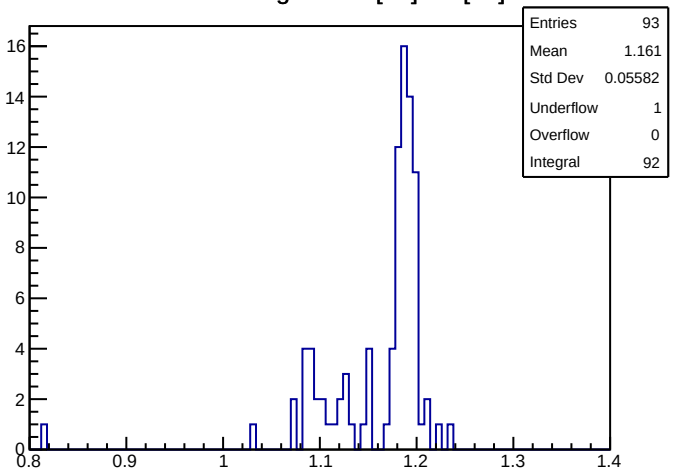

sftx all Sch[30]-Tof[14]
Entries 964
Mean 87.83
Std Dev 6.786
Underflow 2
Overflow 0
Integral 962

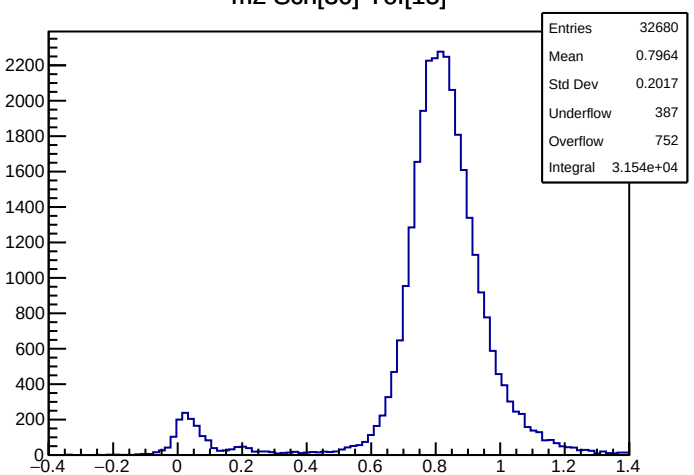

MissMass Sigma Sch[30]-Tof[14]
Entries 1053
Mean 1.19
Std Dev 0.0398
Underflow 3
Overflow 0
Integral 1050

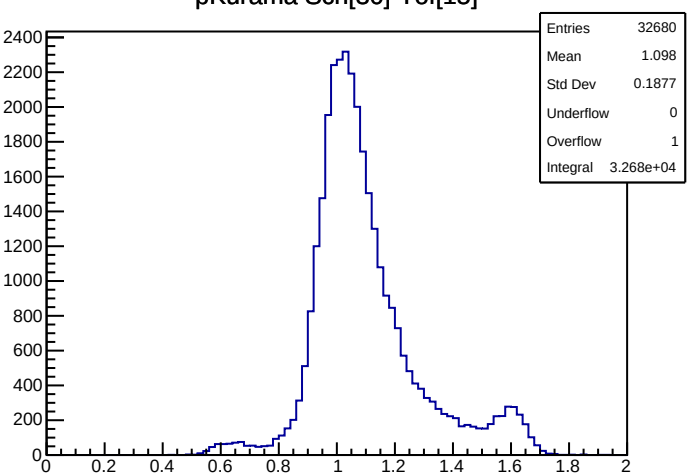

m2 Sch[30]-Tof[14]
Entries 34507
Mean 0.7264
Std Dev 0.2544
Underflow 285
Overflow 549
Integral 3.367e+04

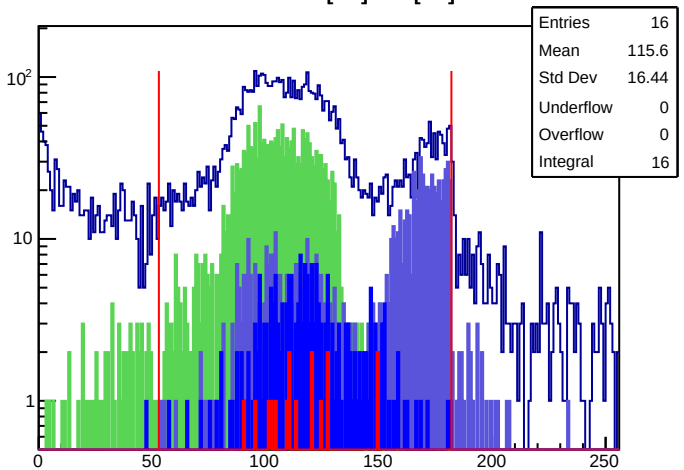

pKurama Sch[30]-Tof[14]
Entries 34507
Mean 0.9718
Std Dev 0.1066
Underflow 0
Overflow 6
Integral 3.45e+04

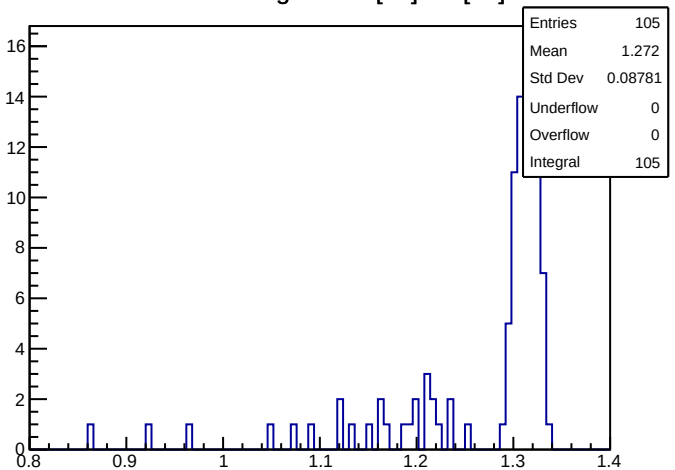

sftx all Sch[30]-Tof[15]
Entries 71
Mean 79.45
Std Dev 5.53
Underflow 0
Overflow 0
Integral 71

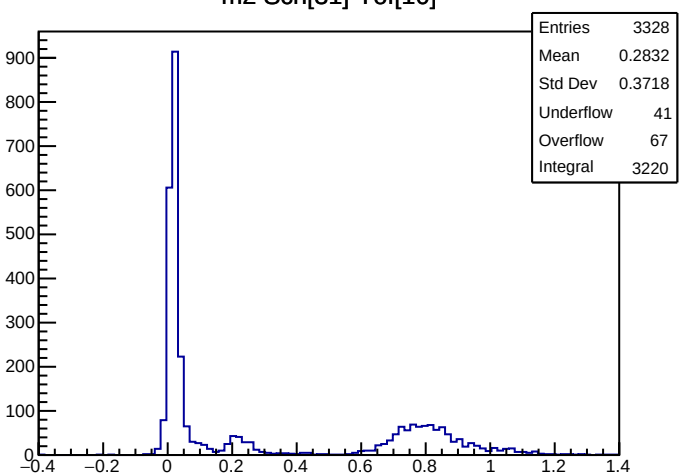

MissMass Sigma Sch[30]-Tof[15]
Entries 93
Mean 1.161
Std Dev 0.05582
Underflow 1
Overflow 0
Integral 92

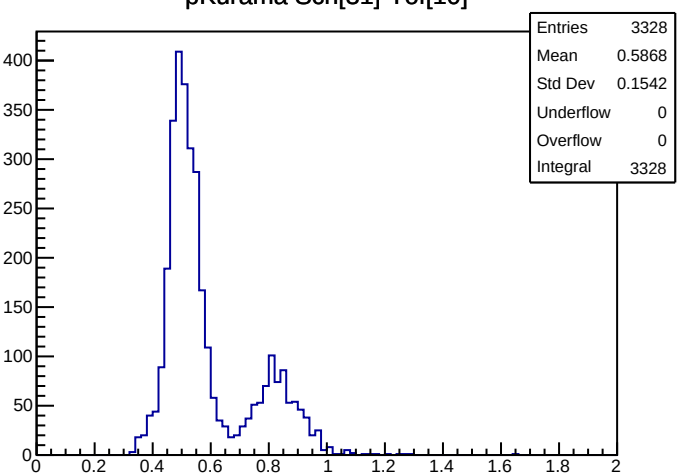

m2 Sch[30]-Tof[15]
Entries 32680
Mean 0.7964
Std Dev 0.2017
Underflow 387
Overflow 752
Integral 3.154e+04

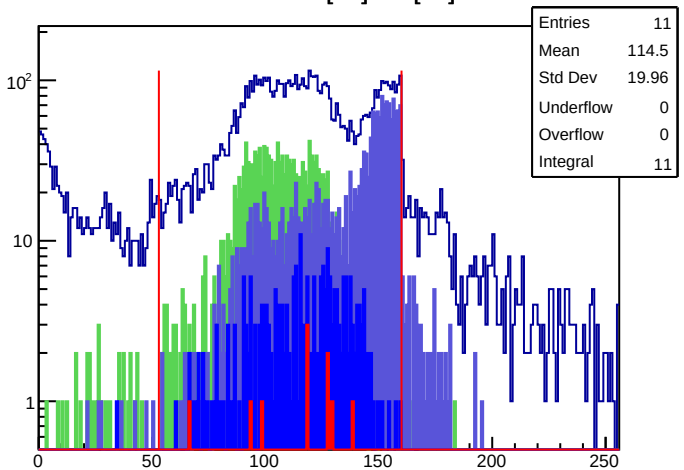

pKurama Sch[30]-Tof[15]
Entries 32680
Mean 1.098
Std Dev 0.1877
Underflow 0
Overflow 1
Integral 3.268e+04

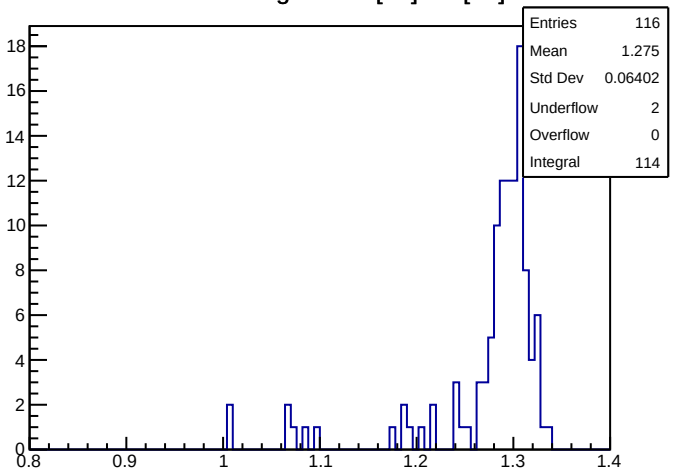

sftx all Sch[31]-Tof[10]
Entries 16
Mean 115.6
Std Dev 16.44
Underflow 0
Overflow 0
Integral 16

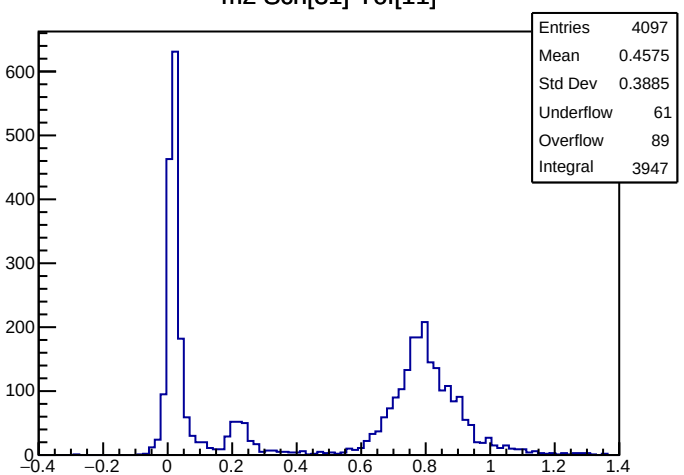

MissMass Sigma Sch[31]-Tof[10]
Entries 105
Mean 1.272
Std Dev 0.08781
Underflow 0
Overflow 0
Integral 105

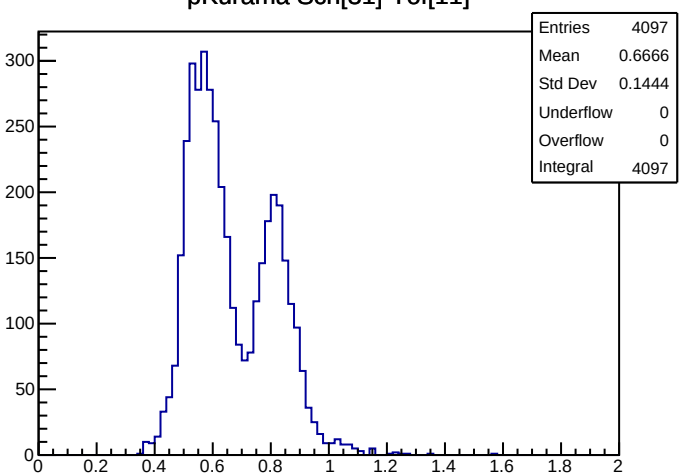

m2 Sch[31]-Tof[10]
Entries 3328
Mean 0.2832
Std Dev 0.3718
Underflow 41
Overflow 67
Integral 3220

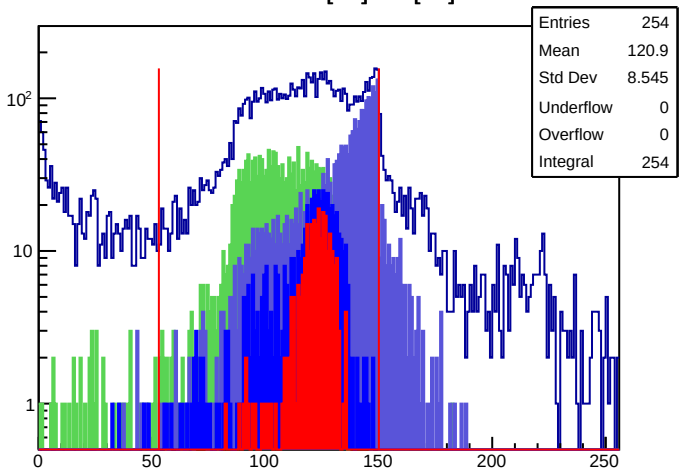

pKurama Sch[31]-Tof[10]
Entries 3328
Mean 0.5868
Std Dev 0.1542
Underflow 0
Overflow 0
Integral 3328

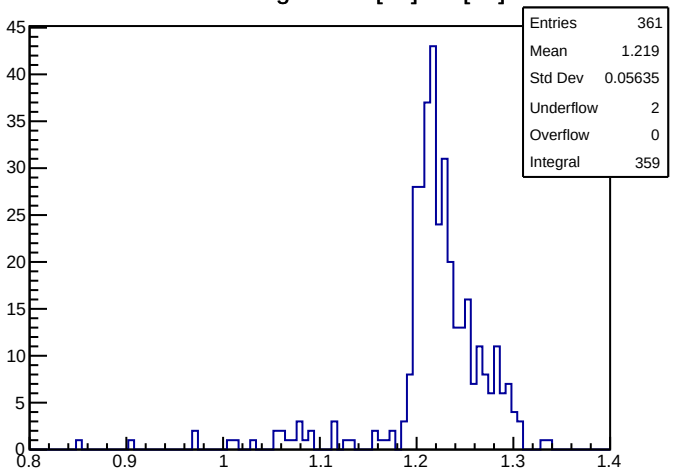

sftx all Sch[31]-Tof[11]
Entries 11
Mean 114.5
Std Dev 19.96
Underflow 0
Overflow 0
Integral 11

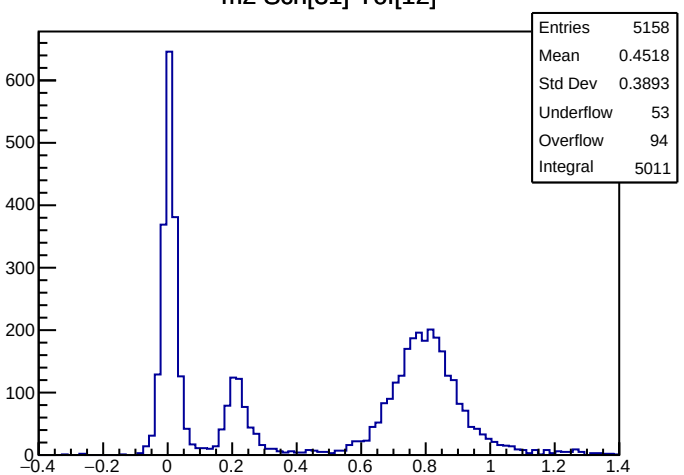

MissMass Sigma Sch[31]-Tof[11]
Entries 116
Mean 1.275
Std Dev 0.06402
Underflow 2
Overflow 0
Integral 114

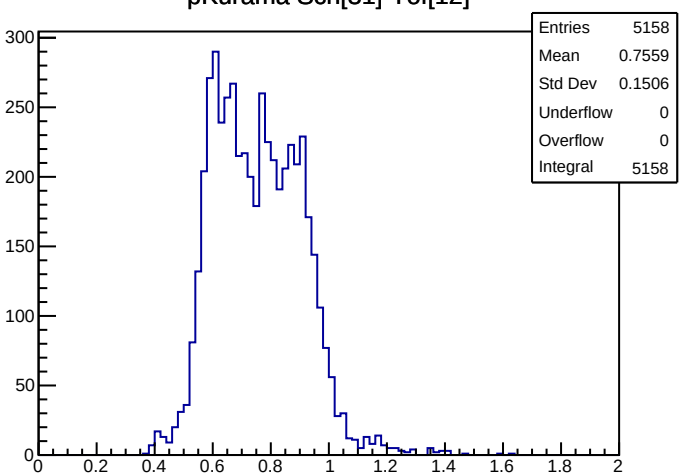

m2 Sch[31]-Tof[11]
Entries 4097
Mean 0.4575
Std Dev 0.3885
Underflow 61
Overflow 89
Integral 3947

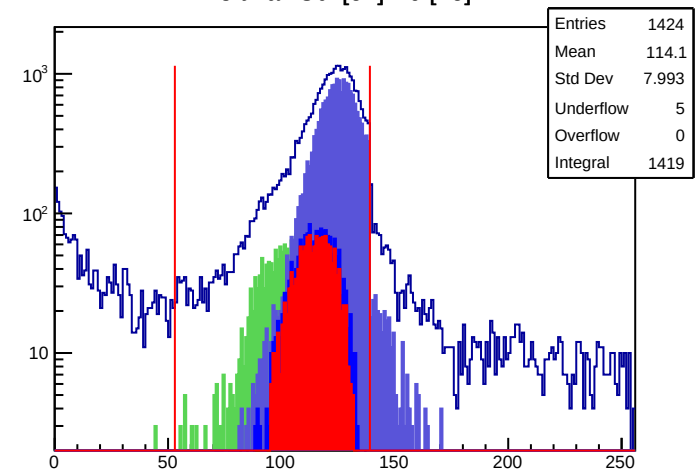

pKurama Sch[31]-Tof[11]
Entries 4097
Mean 0.6666
Std Dev 0.1444
Underflow 0
Overflow 0
Integral 4097

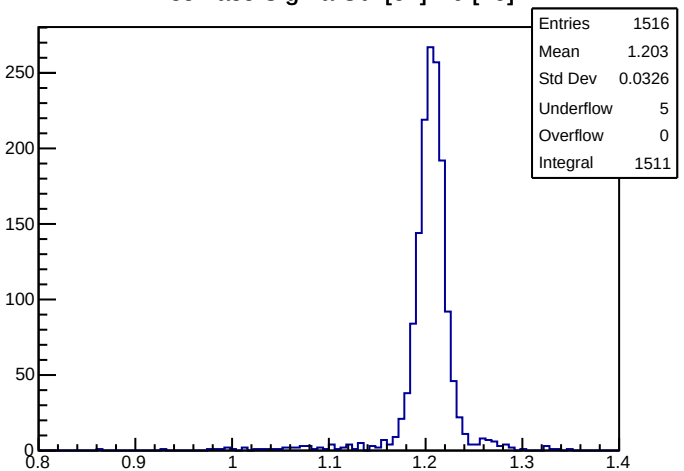

sftx all Sch[31]-Tof[12]
Entries 254
Mean 120.9
Std Dev 8.545
Underflow 0
Overflow 0
Integral 254

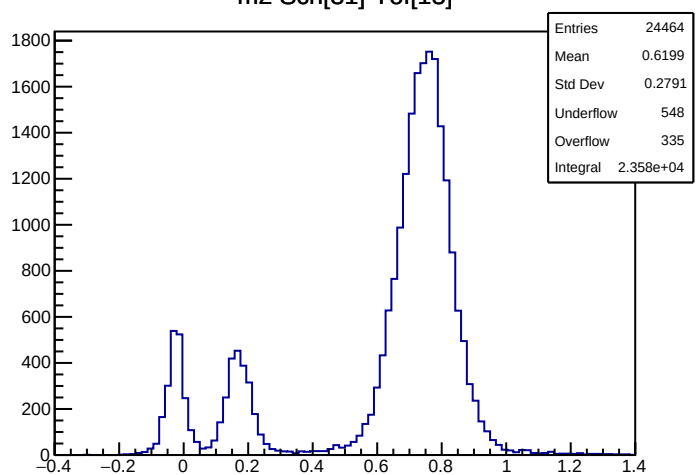

MissMass Sigma Sch[31]-Tof[12]
Entries 361
Mean 1.219
Std Dev 0.05635
Underflow 2
Overflow 0
Integral 359

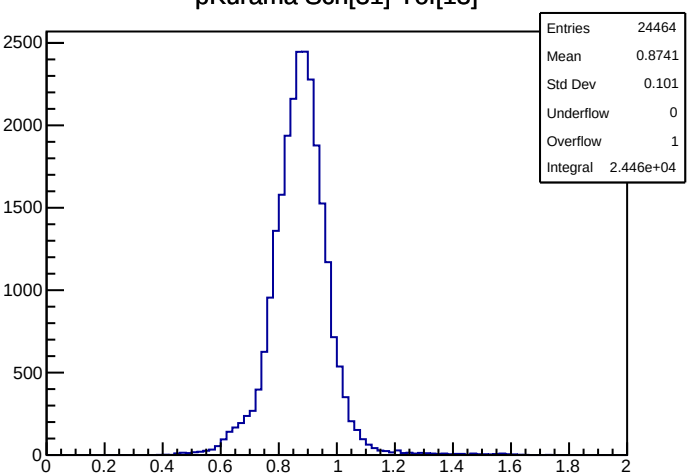

m2 Sch[31]-Tof[12]
Entries 5158
Mean 0.4518
Std Dev 0.3893
Underflow 53
Overflow 94
Integral 5011

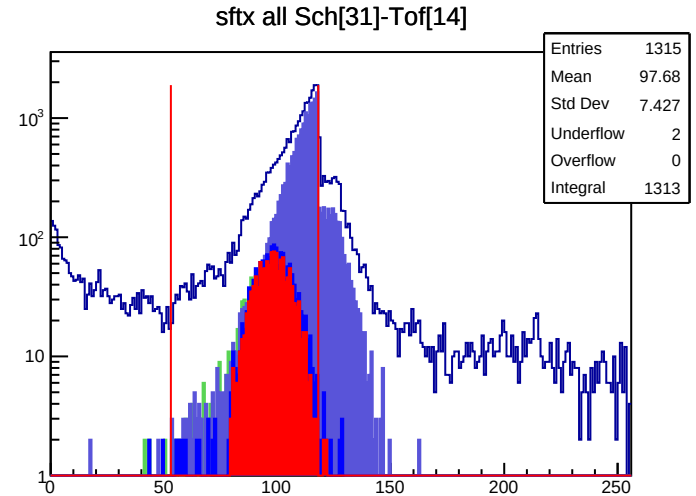

pKurama Sch[31]-Tof[12]
Entries 5158
Mean 0.7559
Std Dev 0.1506
Underflow 0
Overflow 0
Integral 5158

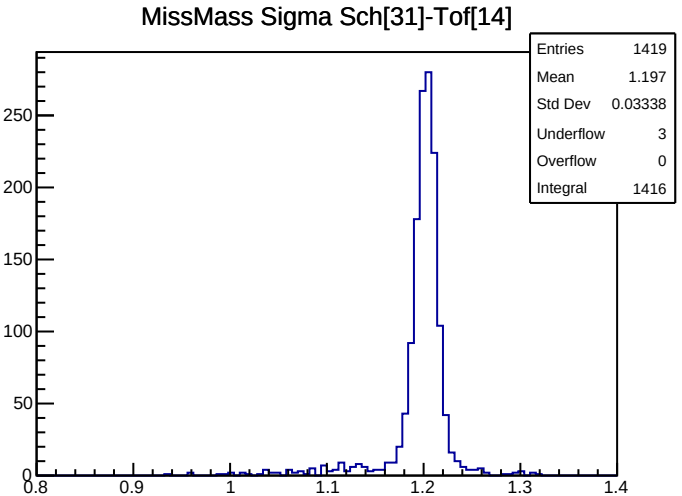

sftx all Sch[31]-Tof[13]
Entries 1424
Mean 114.1
Std Dev 7.993
Underflow 5
Overflow 0
Integral 1419

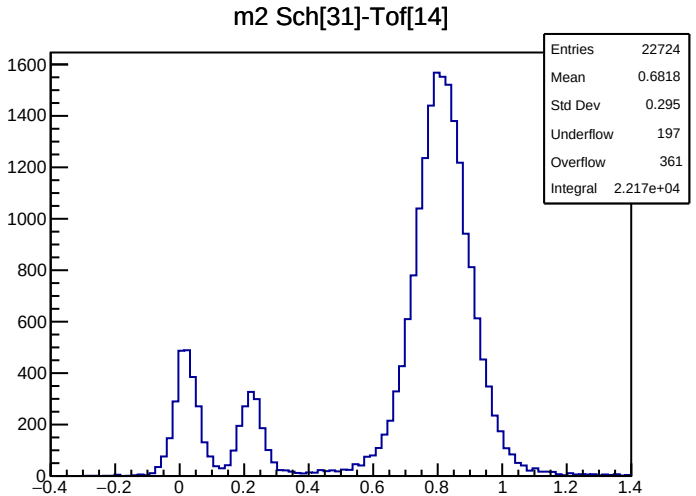

MissMass Sigma Sch[31]-Tof[13]
Entries 1516
Mean 1.203
Std Dev 0.0326
Underflow 5
Overflow 0
Integral 1511

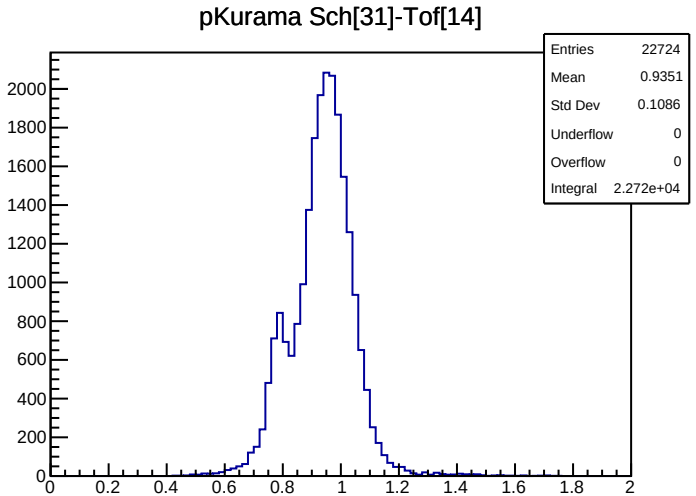

m2 Sch[31]-Tof[13]
Entries 24464
Mean 0.6199
Std Dev 0.2791
Underflow 548
Overflow 335
Integral 2.358e+04

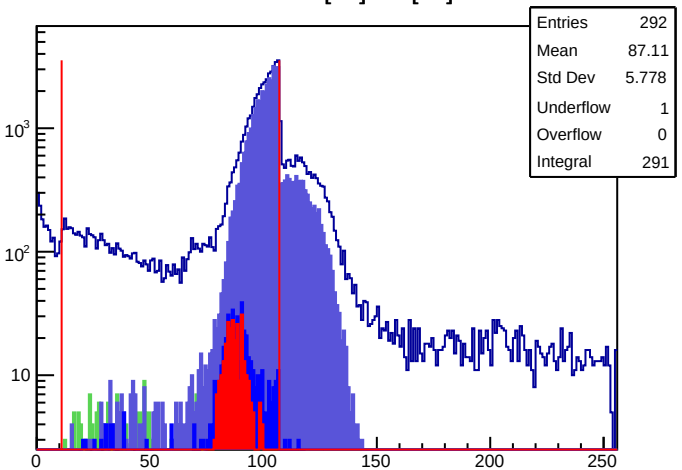

pKurama Sch[31]-Tof[13]
Entries 24464
Mean 0.8741
Std Dev 0.101
Underflow 0
Overflow 1
Integral 2.446e+04

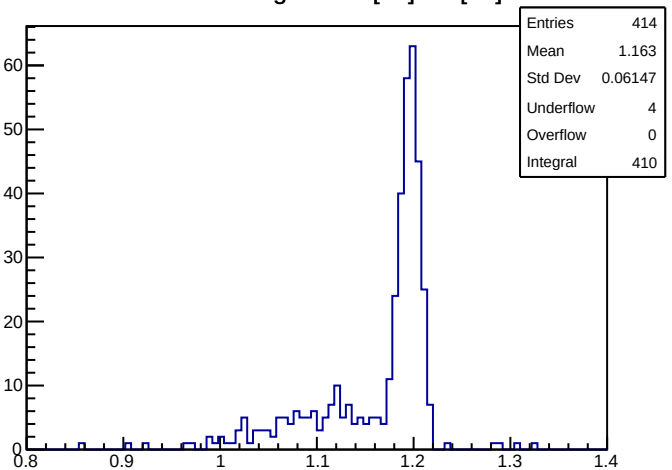

sftx all Sch[31]-Tof[14]
Entries 1315
Mean 97.68
Std Dev 7.427
Underflow 2
Overflow 0
Integral 1313

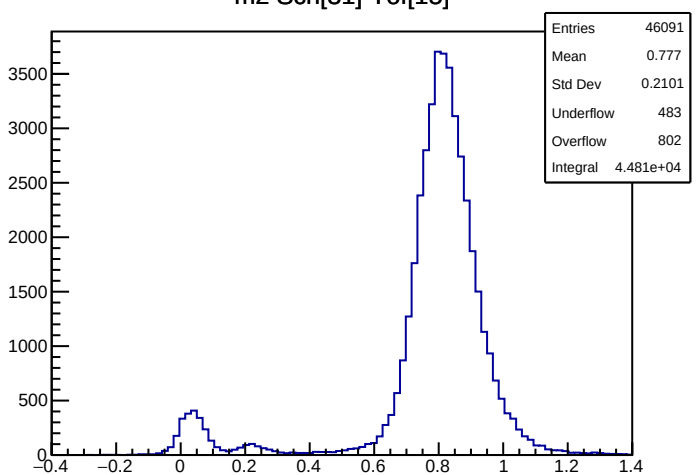

MissMass Sigma Sch[31]-Tof[14]
Entries 1419
Mean 1.197
Std Dev 0.03338
Underflow 3
Overflow 0
Integral 1416

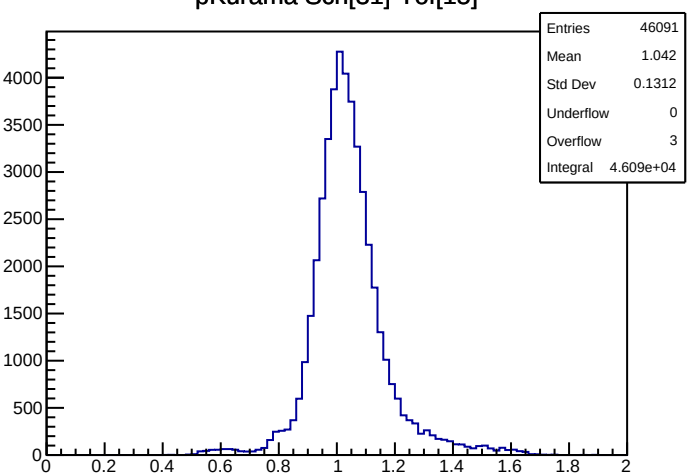

m2 Sch[31]-Tof[14]
Entries 22724
Mean 0.6818
Std Dev 0.295
Underflow 197
Overflow 361
Integral 2.217e+04

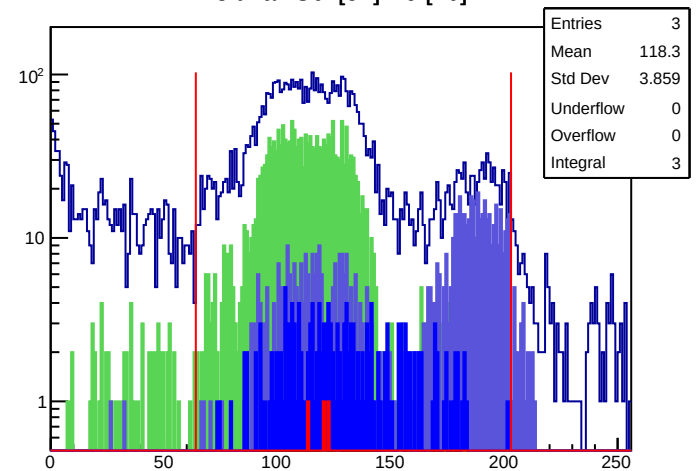

pKurama Sch[31]-Tof[14]
Entries 22724
Mean 0.9351
Std Dev 0.1086
Underflow 0
Overflow 0
Integral 2.272e+04

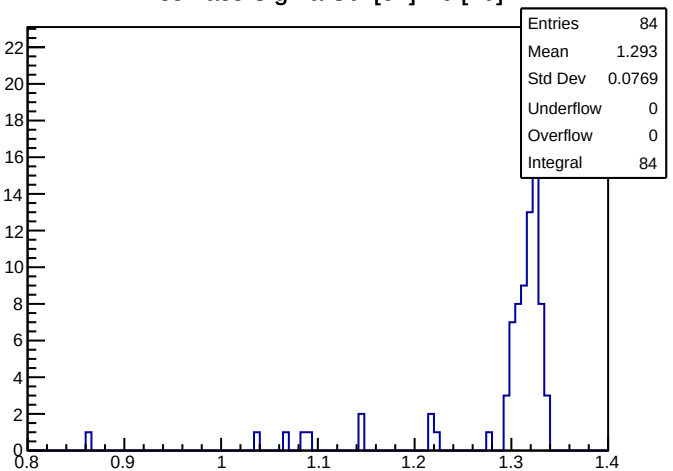

sftx all Sch[31]-Tof[15]
Entries 292
Mean 87.11
Std Dev 5.778
Underflow 1
Overflow 0
Integral 291

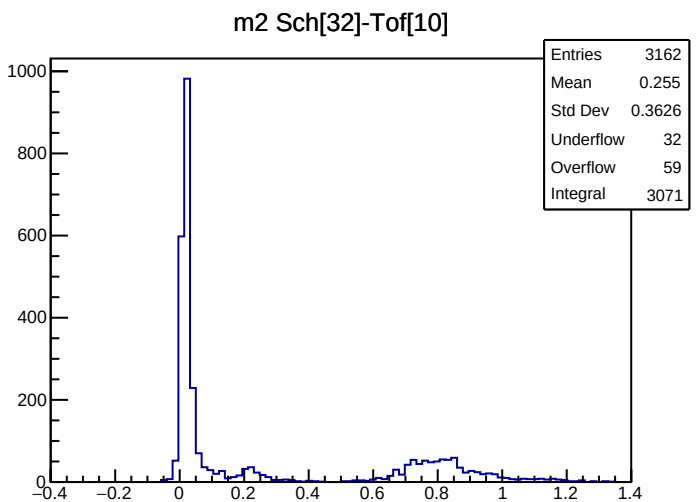

MissMass Sigma Sch[31]-Tof[15]
Entries 414
Mean 1.163
Std Dev 0.06147
Underflow 4
Overflow 0
Integral 410

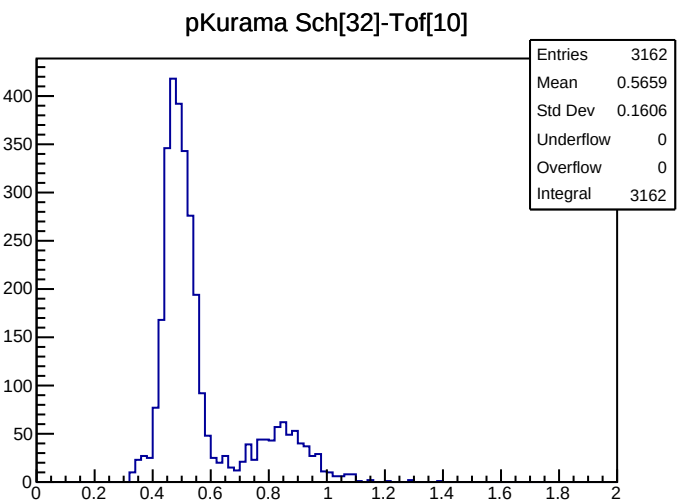

m2 Sch[31]-Tof[15]
Entries 46091
Mean 0.777
Std Dev 0.2101
Underflow 483
Overflow 802
Integral 4.481e+04

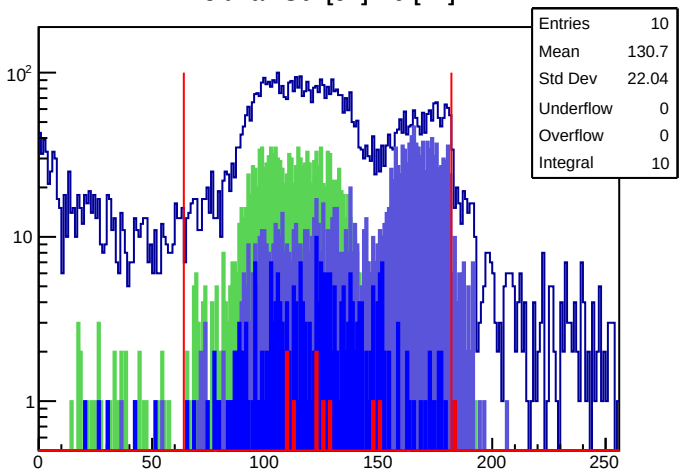

pKurama Sch[31]-Tof[15]
Entries 46091
Mean 1.042
Std Dev 0.1312
Underflow 0
Overflow 3
Integral 4.609e+04

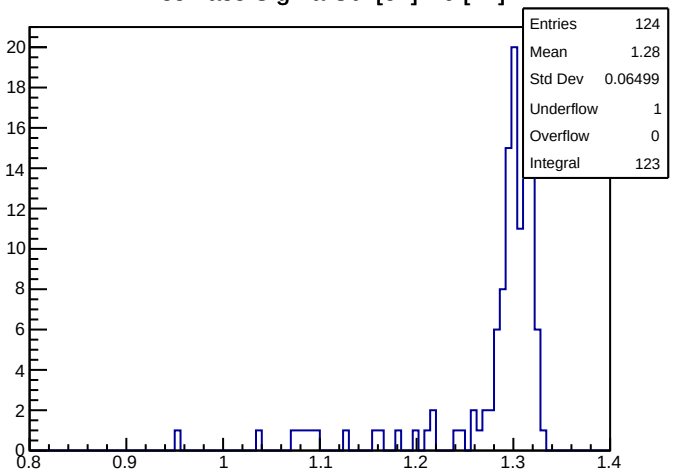

sftx all Sch[32]-Tof[10]
Entries 3
Mean 118.3
Std Dev 3.859
Underflow 0
Overflow 0
Integral 3

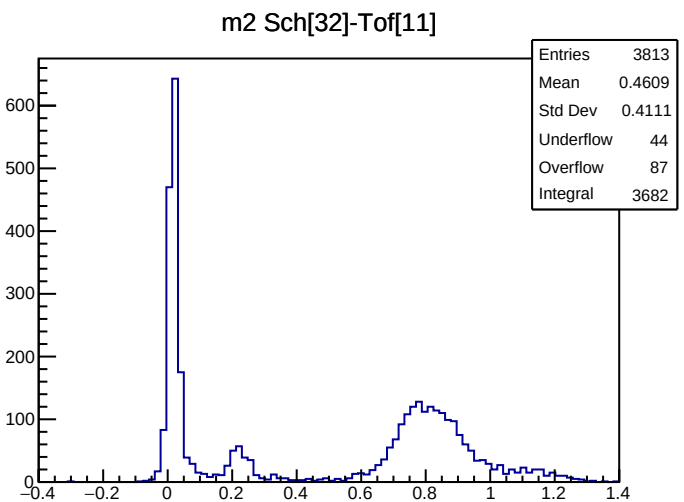

MissMass Sigma Sch[32]-Tof[10]
Entries 84
Mean 1.293
Std Dev 0.0769
Underflow 0
Overflow 0
Integral 84

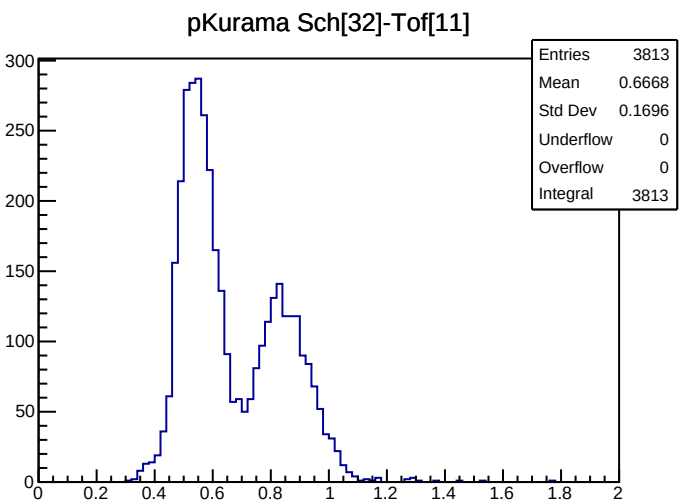

m2 Sch[32]-Tof[10]
Entries 3162
Mean 0.255
Std Dev 0.3626
Underflow 32
Overflow 59
Integral 3071

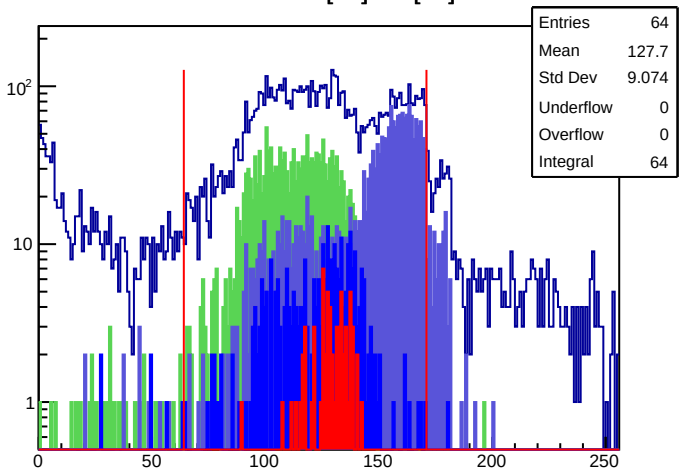

pKurama Sch[32]-Tof[10]
Entries 3162
Mean 0.5659
Std Dev 0.1606
Underflow 0
Overflow 0
Integral 3162

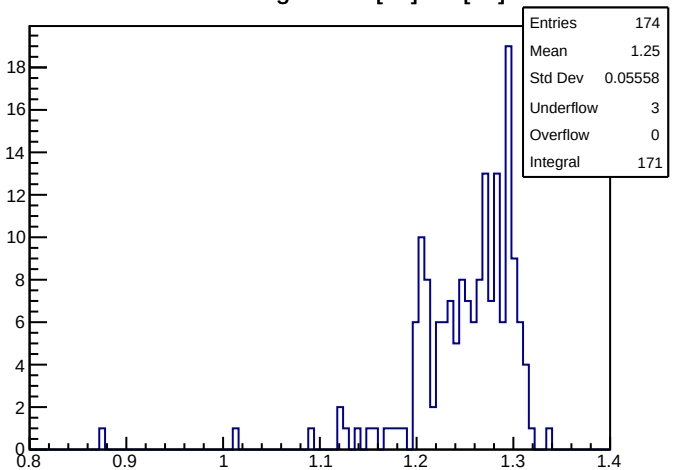

sftx all Sch[32]-Tof[11]
Entries 10
Mean 130.7
Std Dev 22.04
Underflow 0
Overflow 0
Integral 10

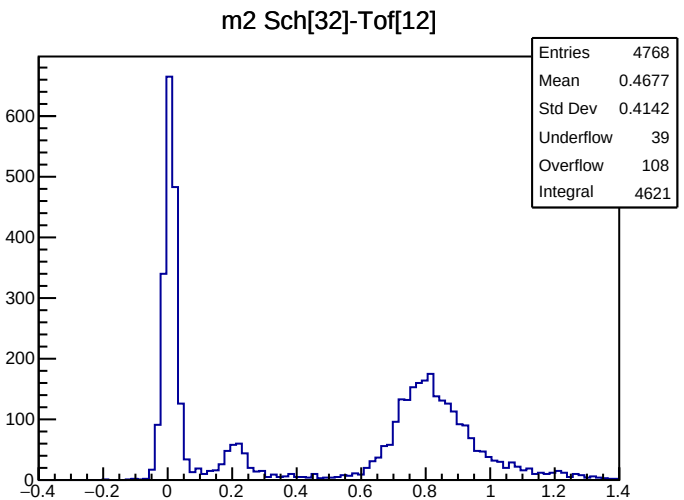

MissMass Sigma Sch[32]-Tof[11]
Entries 124
Mean 1.28
Std Dev 0.06499
Underflow 1
Overflow 0
Integral 123

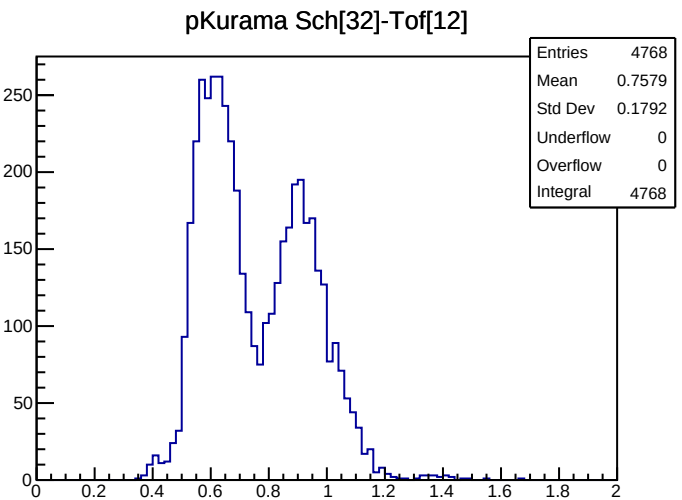

m2 Sch[32]-Tof[11]
Entries 3813
Mean 0.4609
Std Dev 0.4111
Underflow 44
Overflow 87
Integral 3682

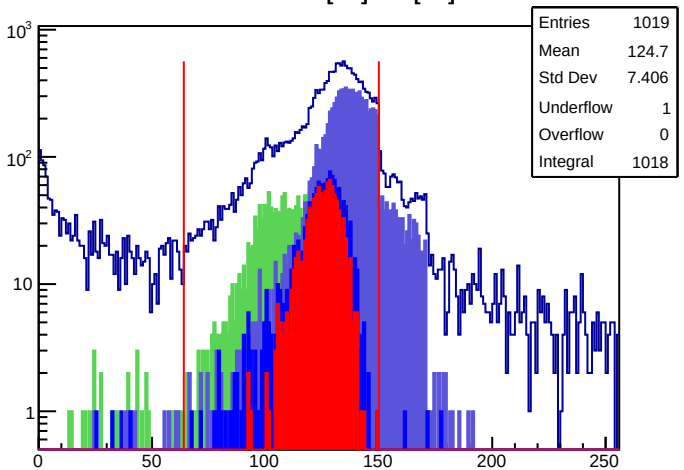

pKurama Sch[32]-Tof[11]
Entries 3813
Mean 0.6668
Std Dev 0.1696
Underflow 0
Overflow 0
Integral 3813

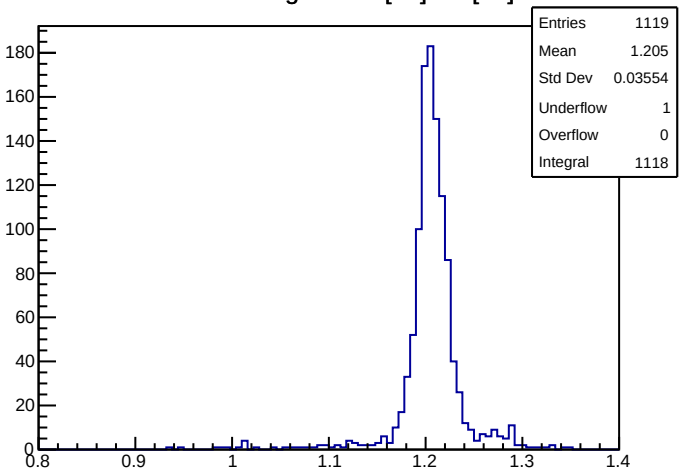

sftx all Sch[32]-Tof[12]
Entries 64
Mean 127.7
Std Dev 9.074
Underflow 0
Overflow 0
Integral 64

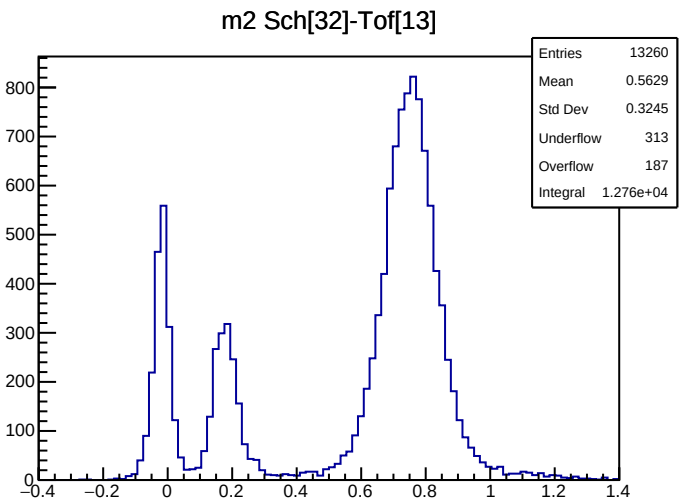

MissMass Sigma Sch[32]-Tof[12]
Entries 174
Mean 1.25
Std Dev 0.05558
Underflow 3
Overflow 0
Integral 171

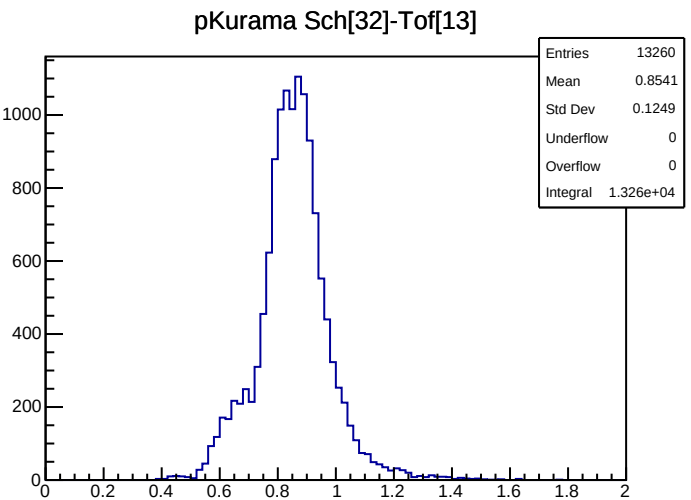

m2 Sch[32]-Tof[12]
Entries 4768
Mean 0.4677
Std Dev 0.4142
Underflow 39
Overflow 108
Integral 4621

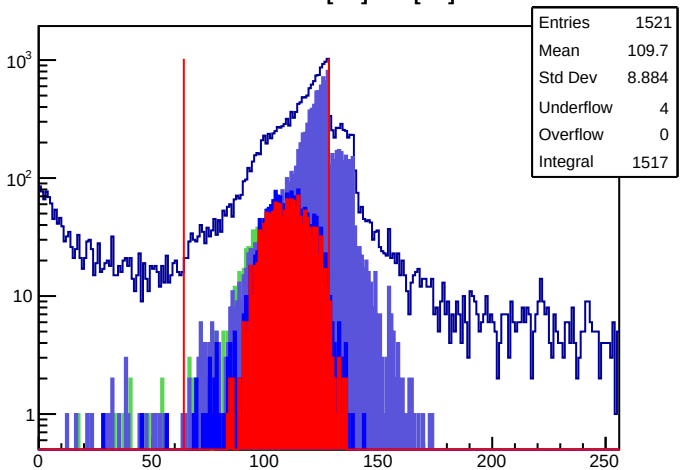

pKurama Sch[32]-Tof[12]
Entries 4768
Mean 0.7579
Std Dev 0.1792
Underflow 0
Overflow 0
Integral 4768

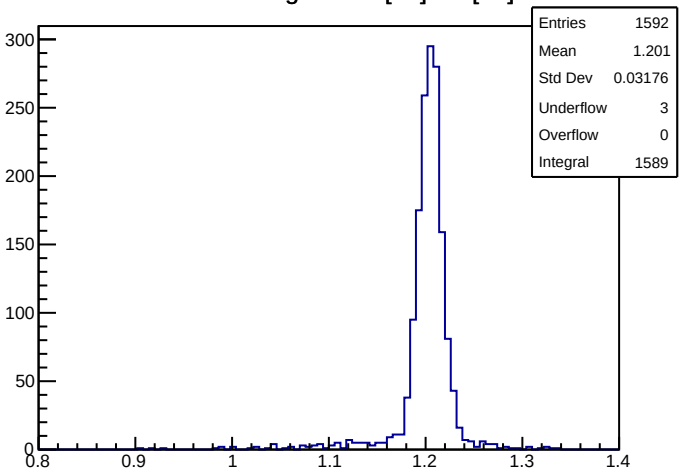

sftx all Sch[32]-Tof[13]
Entries 1019
Mean 124.7
Std Dev 7.406
Underflow 1
Overflow 0
Integral 1018

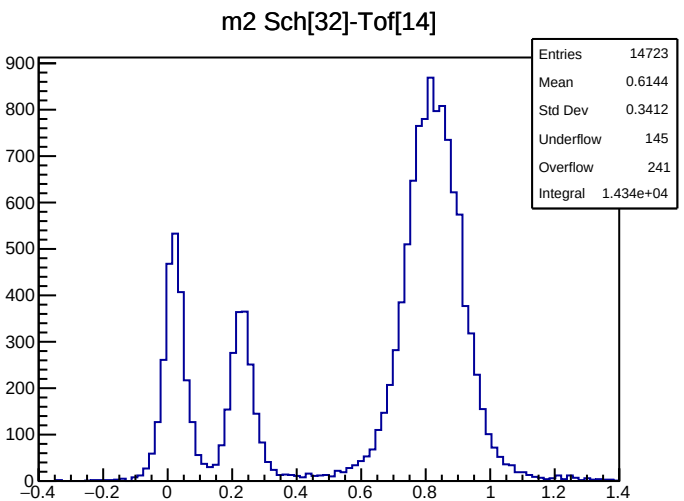

MissMass Sigma Sch[32]-Tof[13]
Entries 1119
Mean 1.205
Std Dev 0.03554
Underflow 1
Overflow 0
Integral 1118

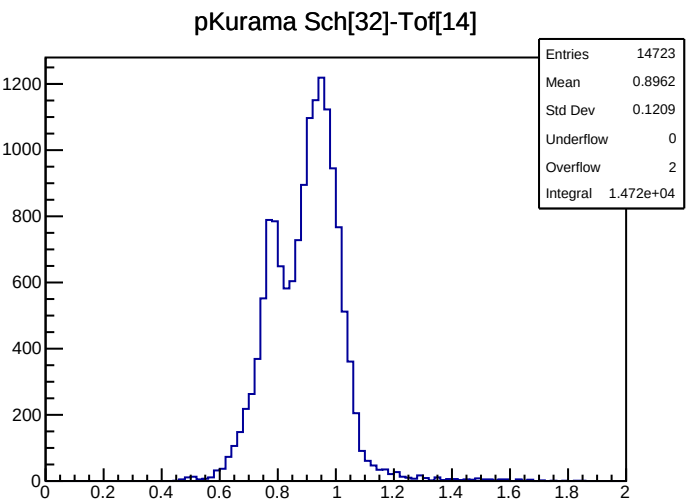

m2 Sch[32]-Tof[13]
Entries 13260
Mean 0.5629
Std Dev 0.3245
Underflow 313
Overflow 187
Integral 1.276e+04

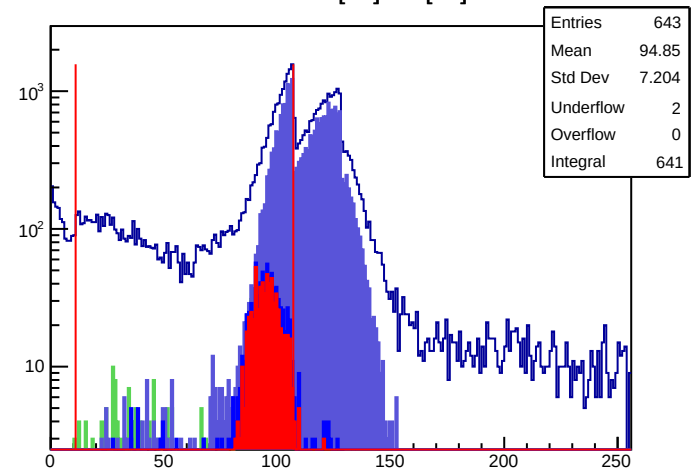

pKurama Sch[32]-Tof[13]
Entries 13260
Mean 0.8541
Std Dev 0.1249
Underflow 0
Overflow 0
Integral 1.326e+04

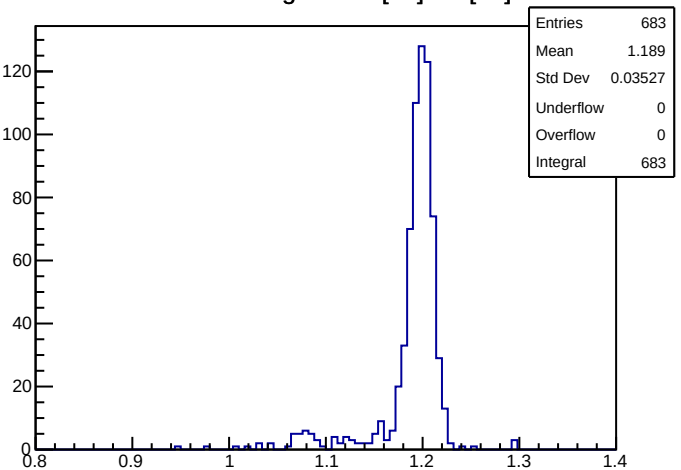

sftx all Sch[32]-Tof[14]
Entries 1521
Mean 109.7
Std Dev 8.884
Underflow 4
Overflow 0
Integral 1517

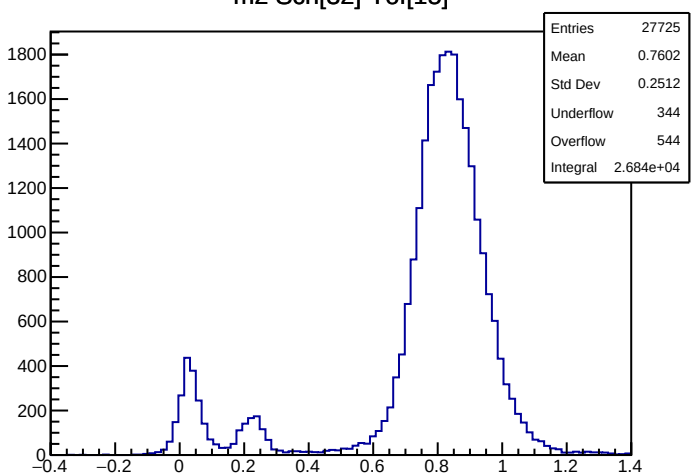

MissMass Sigma Sch[32]-Tof[14]
Entries 1592
Mean 1.201
Std Dev 0.03176
Underflow 3
Overflow 0
Integral 1589

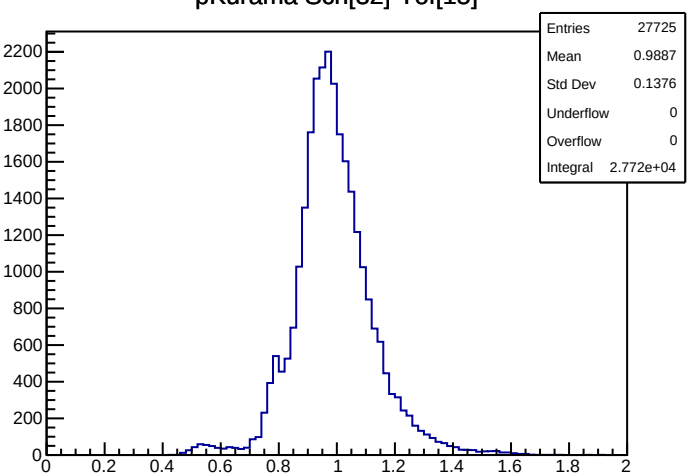

m2 Sch[32]-Tof[14]
Entries 14723
Mean 0.6144
Std Dev 0.3412
Underflow 145
Overflow 241
Integral 1.434e+04

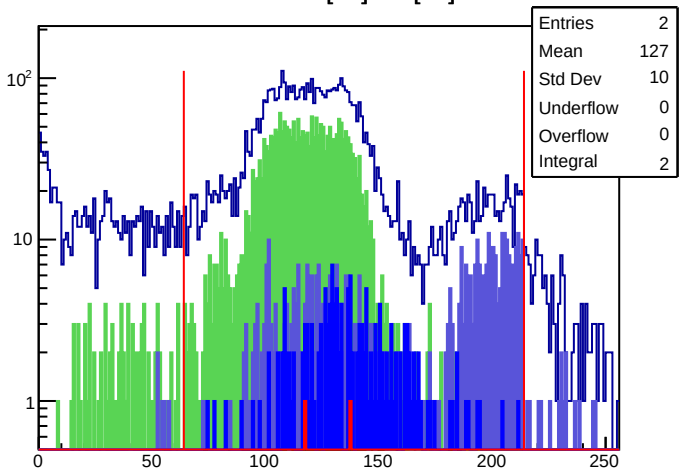

pKurama Sch[32]-Tof[14]
Entries 14723
Mean 0.8962
Std Dev 0.1209
Underflow 0
Overflow 2
Integral 1.472e+04

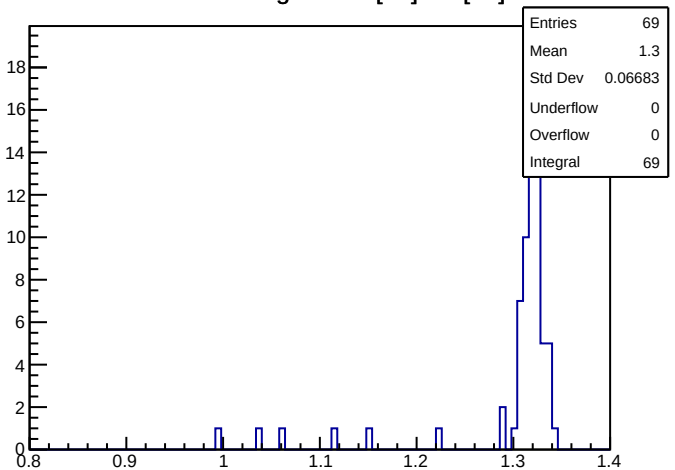

sftx all Sch[32]-Tof[15]
Entries 643
Mean 94.85
Std Dev 7.204
Underflow 2
Overflow 0
Integral 641

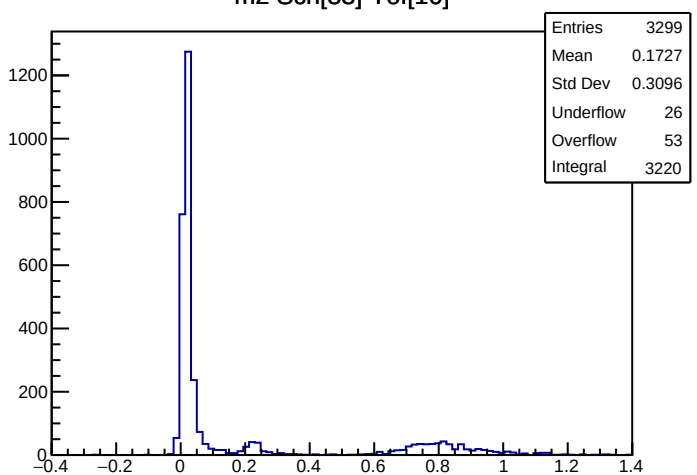

MissMass Sigma Sch[32]-Tof[15]
Entries 683
Mean 1.189
Std Dev 0.03527
Underflow 0
Overflow 0
Integral 683

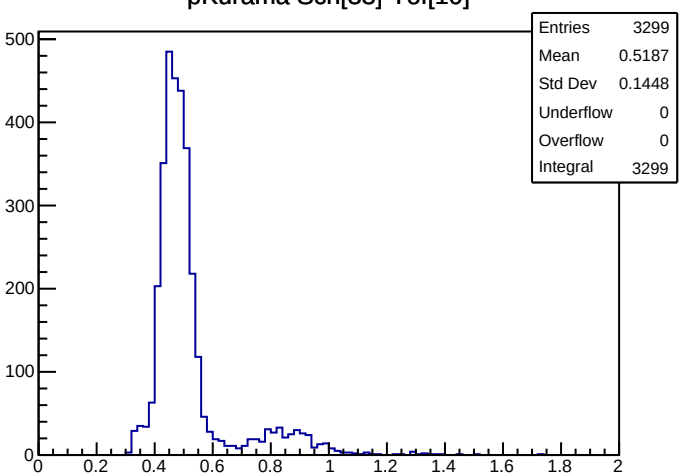

m2 Sch[32]-Tof[15]
Entries 27725
Mean 0.7602
Std Dev 0.2512
Underflow 344
Overflow 544
Integral 2.684e+04

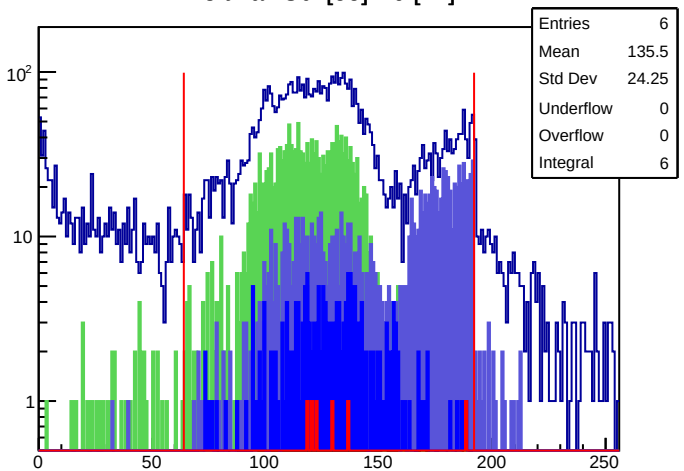

pKurama Sch[32]-Tof[15]
Entries 27725
Mean 0.9887
Std Dev 0.1376
Underflow 0
Overflow 0
Integral 2.772e+04

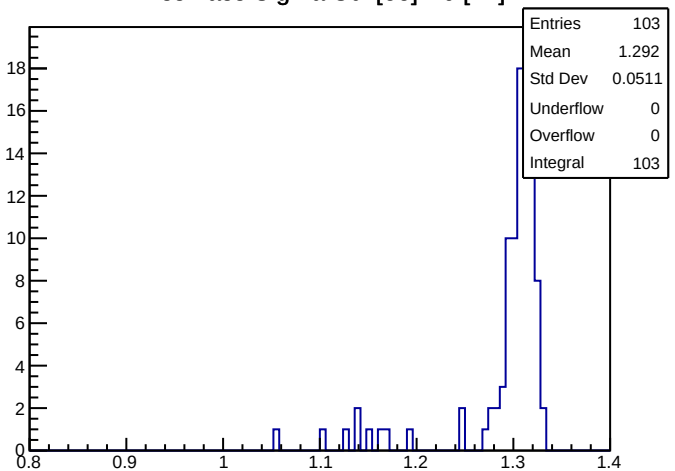

sftx all Sch[33]-Tof[10]
Entries 2
Mean 127
Std Dev 10
Underflow 0
Overflow 0
Integral 2
10^2
10
1
0
50
100
150
200
250

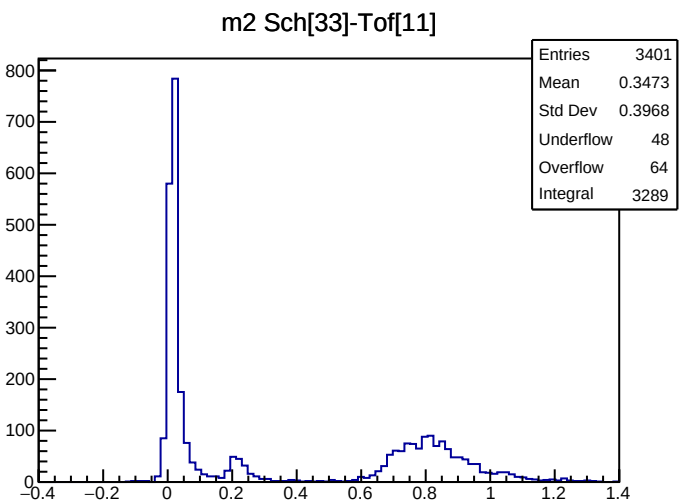

MissMass Sigma Sch[33]-Tof[10]
Entries 69
Mean 1.3
Std Dev 0.06683
Underflow 0
Overflow 0
Integral 69
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

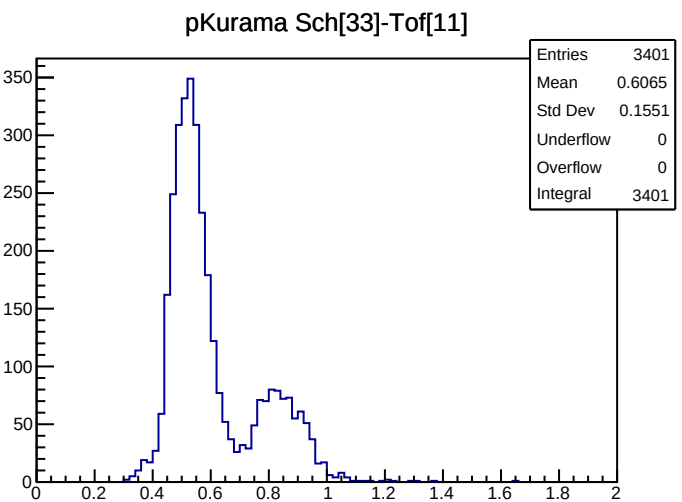

m2 Sch[33]-Tof[10]
Entries 3299
Mean 0.1727
Std Dev 0.3096
Underflow 26
Overflow 53
Integral 3220
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

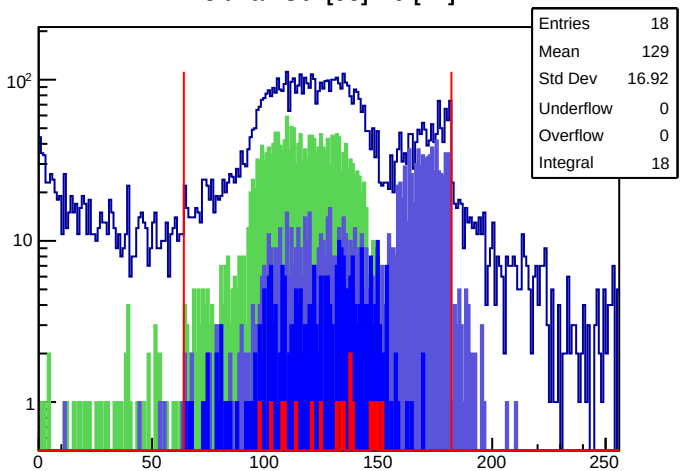

pKurama Sch[33]-Tof[10]
Entries 3299
Mean 0.5187
Std Dev 0.1448
Underflow 0
Overflow 0
Integral 3299
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

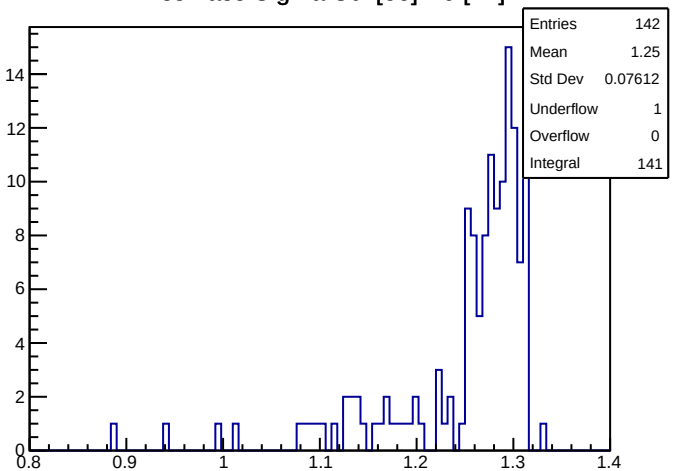

sftx all Sch[33]-Tof[11]
Entries 6
Mean 135.5
Std Dev 24.25
Underflow 0
Overflow 0
Integral 6

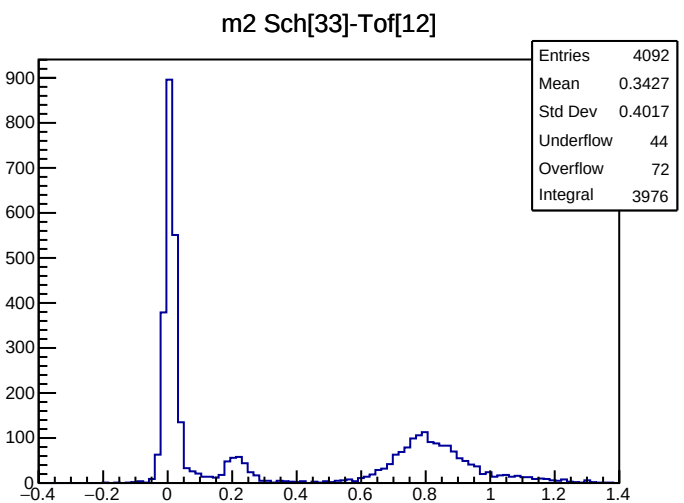

MissMass Sigma Sch[33]-Tof[11]
Entries 103
Mean 1.292
Std Dev 0.0511
Underflow 0
Overflow 0
Integral 103

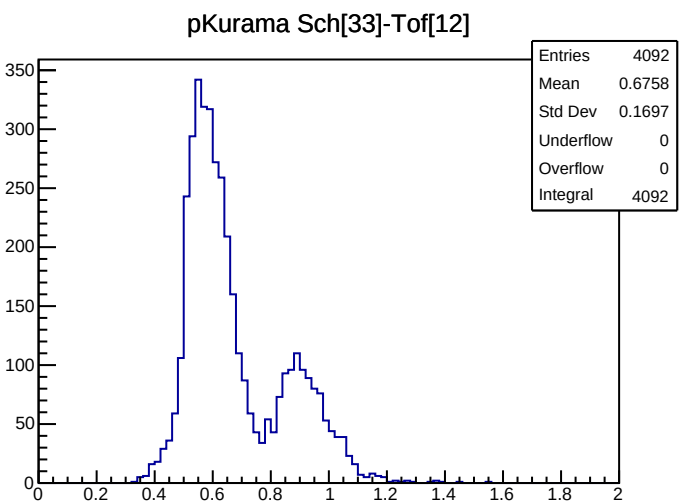

m2 Sch[33]-Tof[11]
Entries 3401
Mean 0.3473
Std Dev 0.3968
Underflow 48
Overflow 64
Integral 3289

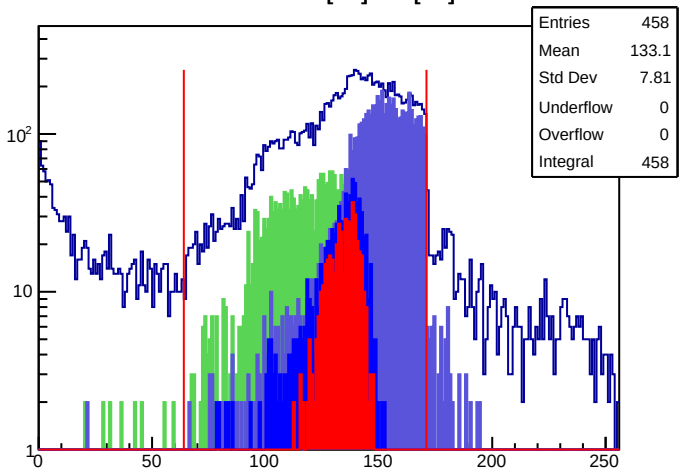

pKurama Sch[33]-Tof[11]
Entries 3401
Mean 0.6065
Std Dev 0.1551
Underflow 0
Overflow 0
Integral 3401

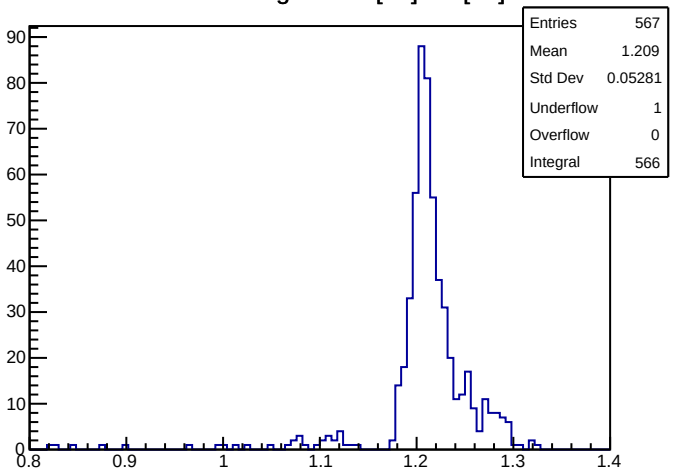

sftx all Sch[33]-Tof[12]
Entries 18
Mean 129
Std Dev 16.92
Underflow 0
Overflow 0
Integral 18

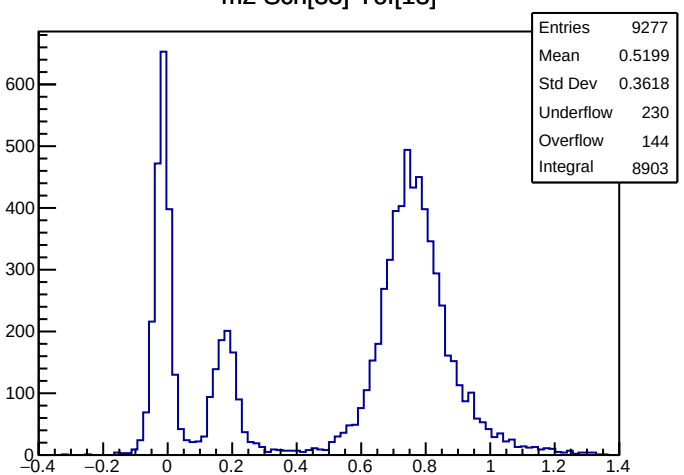

MissMass Sigma Sch[33]-Tof[12]
Entries 142
Mean 1.25
Std Dev 0.07612
Underflow 1
Overflow 0
Integral 141

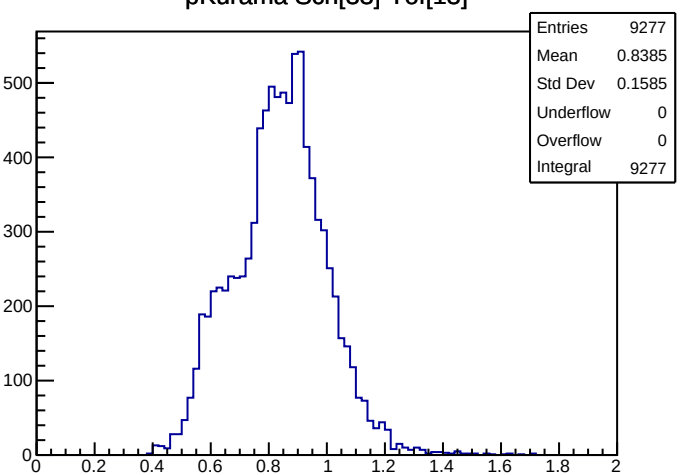

m2 Sch[33]-Tof[12]
Entries 4092
Mean 0.3427
Std Dev 0.4017
Underflow 44
Overflow 72
Integral 3976

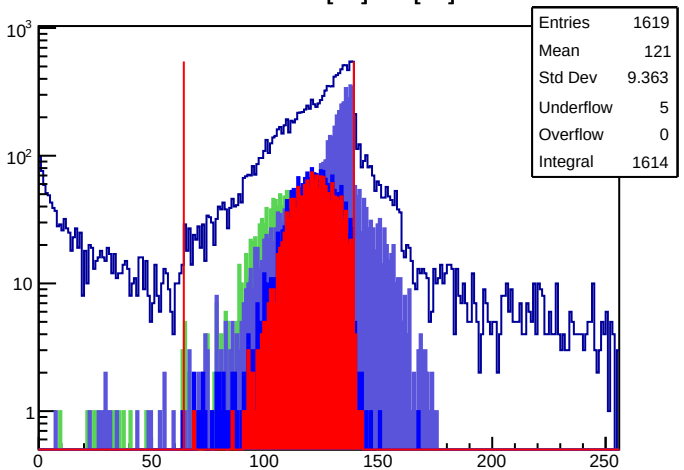

pKurama Sch[33]-Tof[12]
Entries 4092
Mean 0.6758
Std Dev 0.1697
Underflow 0
Overflow 0
Integral 4092

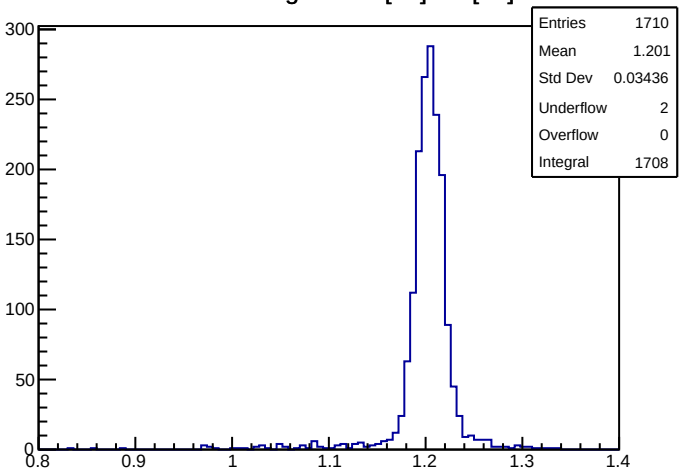

sftx all Sch[33]-Tof[13]
Entries 458
Mean 133.1
Std Dev 7.81
Underflow 0
Overflow 0
Integral 458
10²
10
1
0
50
100
150
200
250

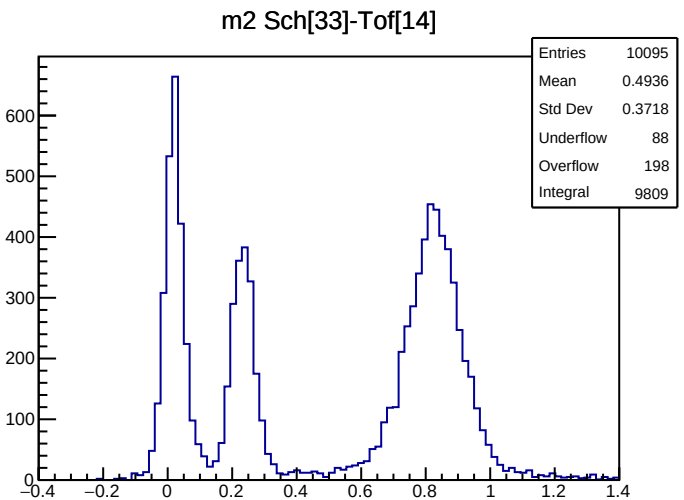

MissMass Sigma Sch[33]-Tof[13]
Entries 567
Mean 1.209
Std Dev 0.05281
Underflow 1
Overflow 0
Integral 566
90
80
70
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4

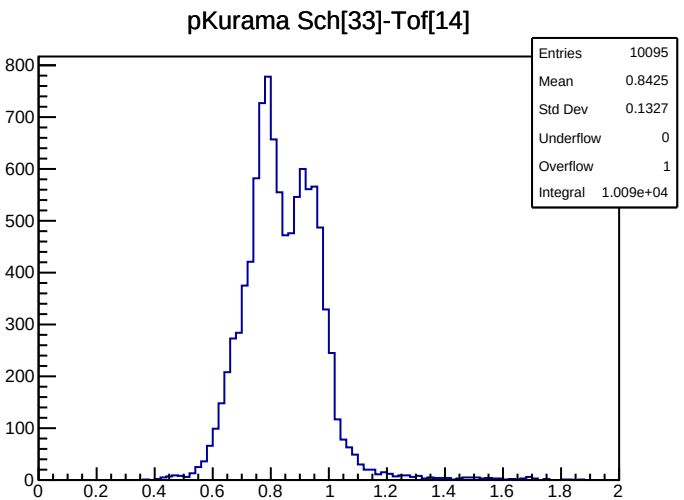

m2 Sch[33]-Tof[13]
Entries 9277
Mean 0.5199
Std Dev 0.3618
Underflow 230
Overflow 144
Integral 8903
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

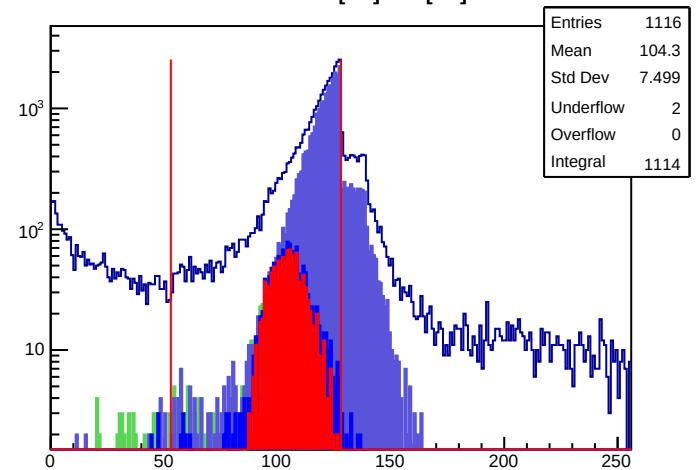

pKurama Sch[33]-Tof[13]
Entries 9277
Mean 0.8385
Std Dev 0.1585
Underflow 0
Overflow 0
Integral 9277
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

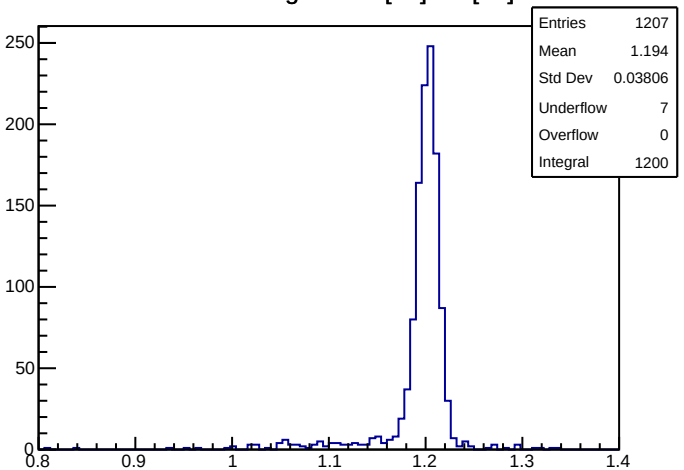

sftx all Sch[33]-Tof[14]
Entries 1619
Mean 121
Std Dev 9.363
Underflow 5
Overflow 0
Integral 1614

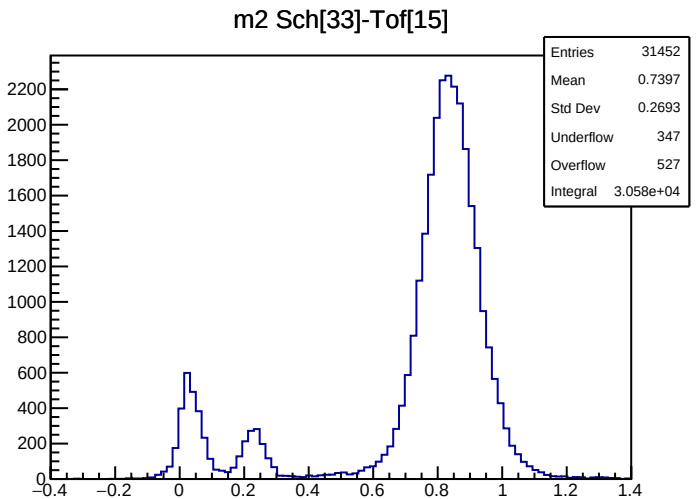

MissMass Sigma Sch[33]-Tof[14]
Entries 1710
Mean 1.201
Std Dev 0.03436
Underflow 2
Overflow 0
Integral 1708

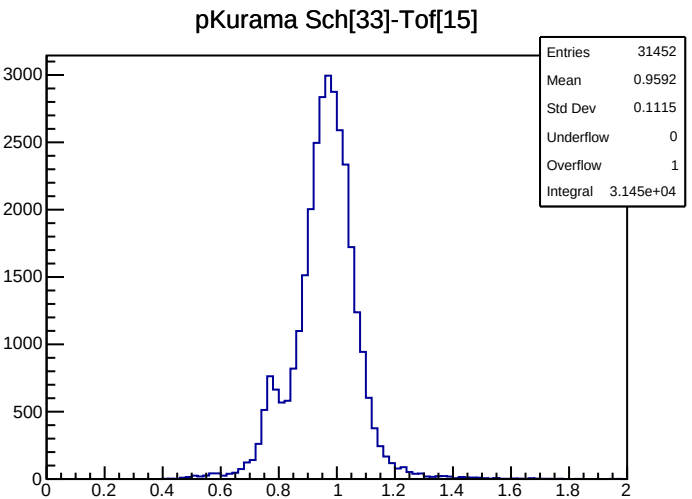

m2 Sch[33]-Tof[14]
Entries 10095
Mean 0.4936
Std Dev 0.3718
Underflow 88
Overflow 198
Integral 9809

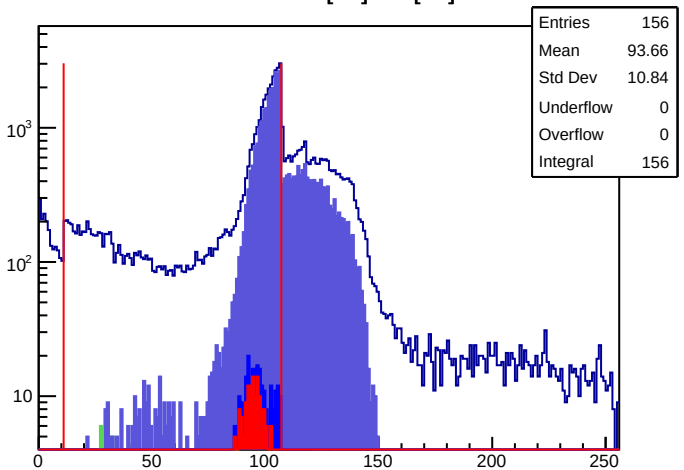

pKurama Sch[33]-Tof[14]
Entries 10095
Mean 0.8425
Std Dev 0.1327
Underflow 0
Overflow 1
Integral 1.009e+04

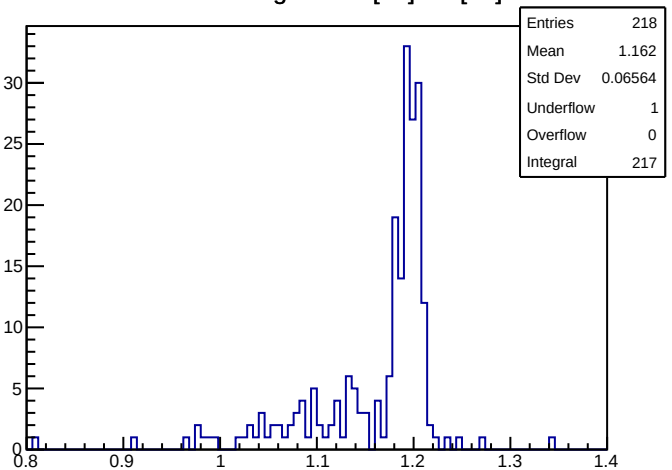

sftx all Sch[33]-Tof[15]
Entries 1116
Mean 104.3
Std Dev 7.499
Underflow 2
Overflow 0
Integral 1114

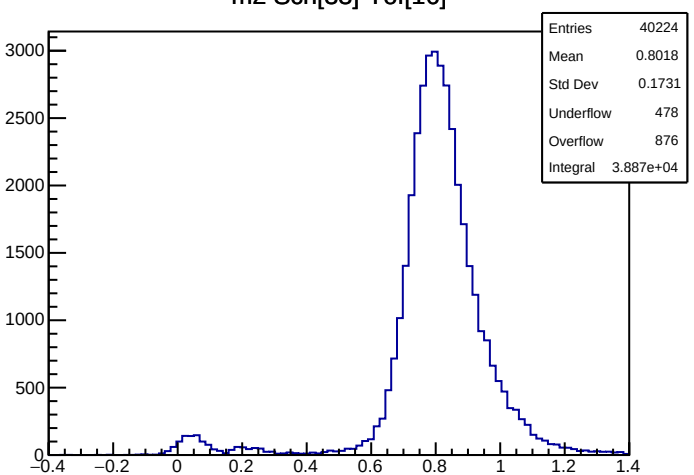

MissMass Sigma Sch[33]-Tof[15]
Entries 1207
Mean 1.194
Std Dev 0.03806
Underflow 7
Overflow 0
Integral 1200

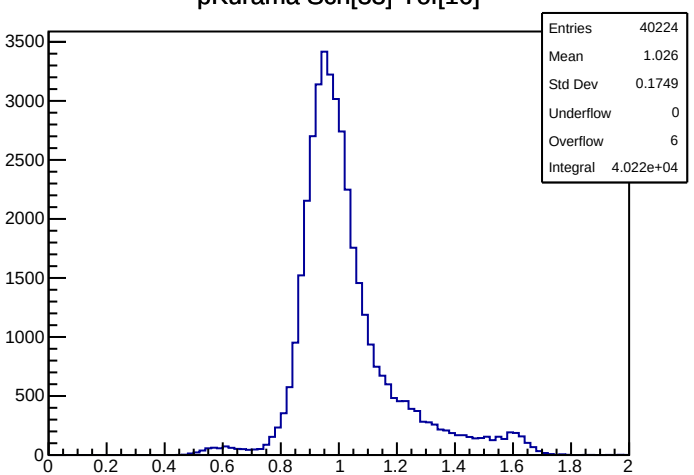

m2 Sch[33]-Tof[15]
Entries 31452
Mean 0.7397
Std Dev 0.2693
Underflow 347
Overflow 527
Integral 3.058e+04

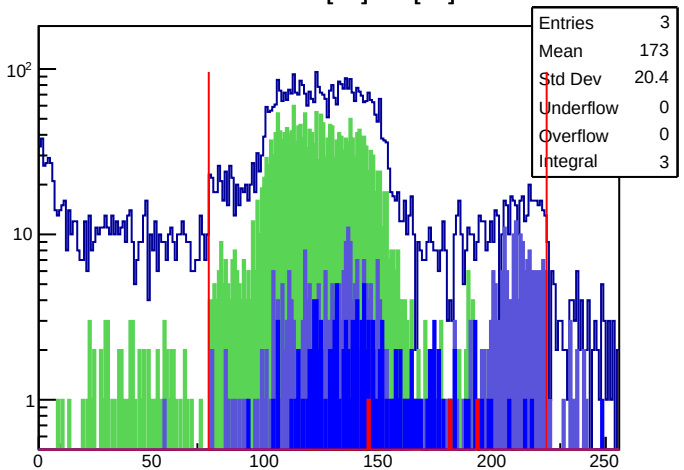

pKurama Sch[33]-Tof[15]
Entries 31452
Mean 0.9592
Std Dev 0.1115
Underflow 0
Overflow 1
Integral 3.145e+04

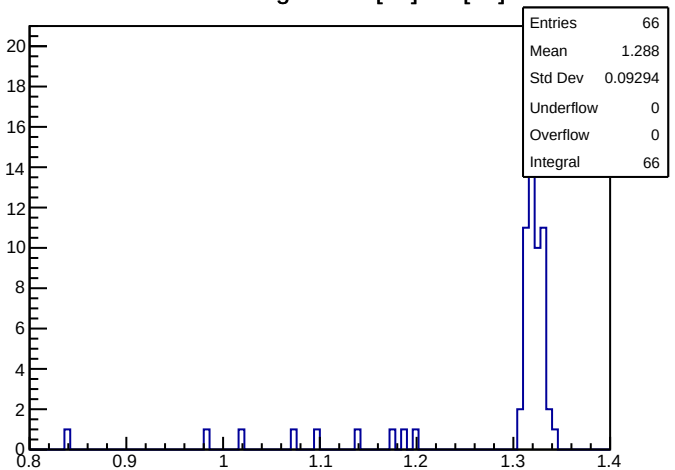

sftx all Sch[33]-Tof[16]
Entries 156
Mean 93.66
Std Dev 10.84
Underflow 0
Overflow 0
Integral 156

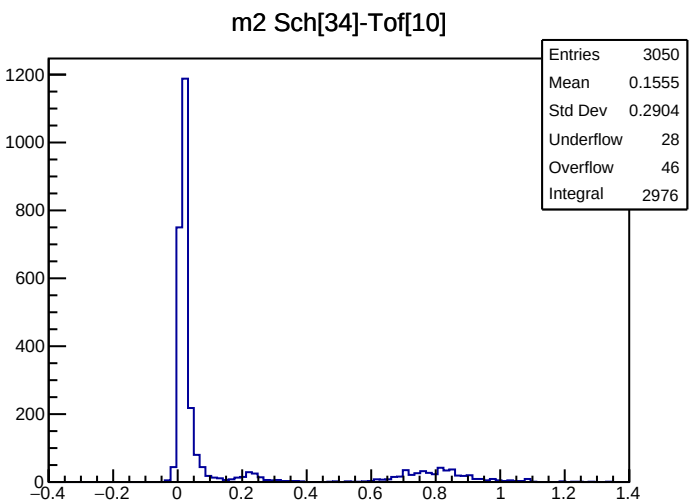

MissMass Sigma Sch[33]-Tof[16]
Entries 218
Mean 1.162
Std Dev 0.06564
Underflow 1
Overflow 0
Integral 217

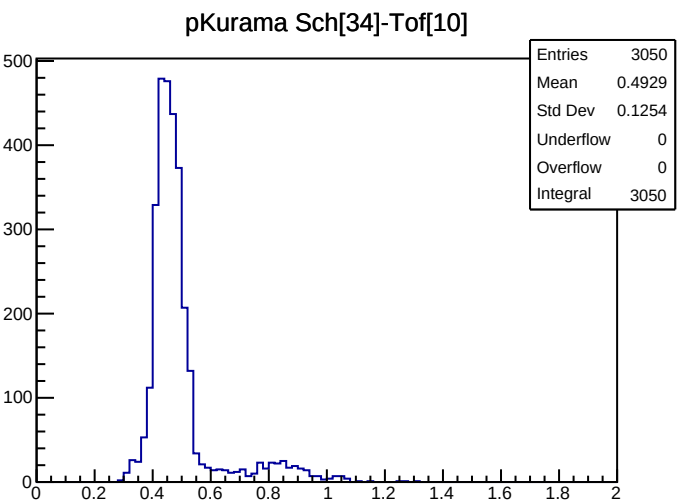

m2 Sch[33]-Tof[16]
Entries 40224
Mean 0.8018
Std Dev 0.1731
Underflow 478
Overflow 876
Integral 3.887e+04

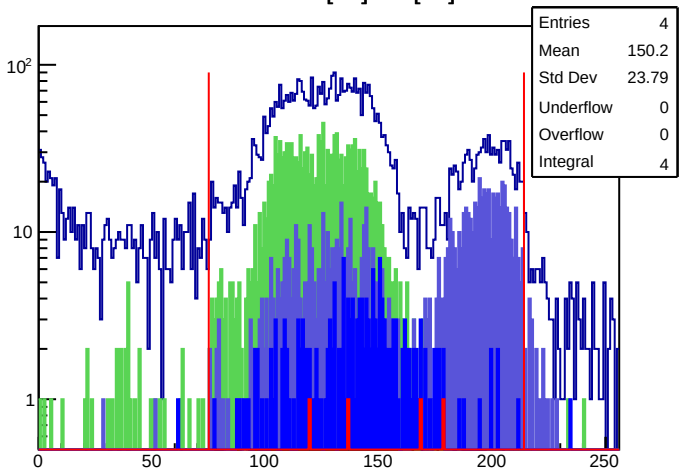

pKurama Sch[33]-Tof[16]
Entries 40224
Mean 1.026
Std Dev 0.1749
Underflow 0
Overflow 6
Integral 4.022e+04

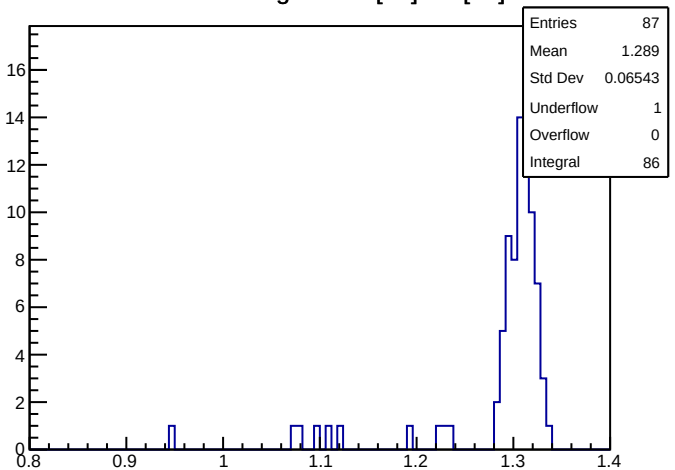

sftx all Sch[34]-Tof[10]
Entries 3
Mean 173
Std Dev 20.4
Underflow 0
Overflow 0
Integral 3

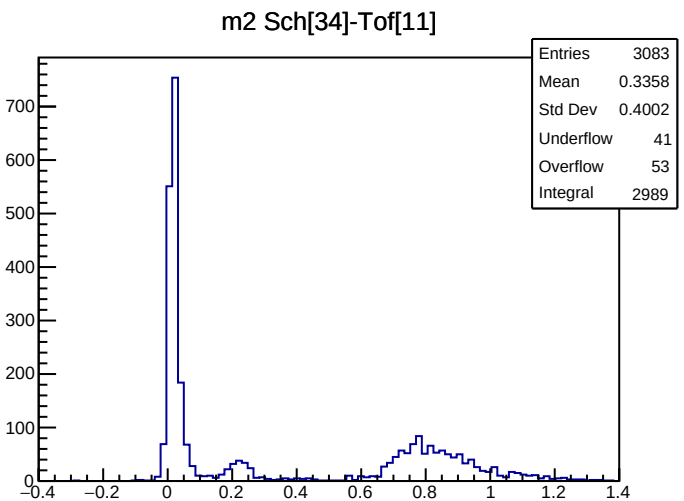

MissMass Sigma Sch[34]-Tof[10]
Entries 66
Mean 1.288
Std Dev 0.09294
Underflow 0
Overflow 0
Integral 66

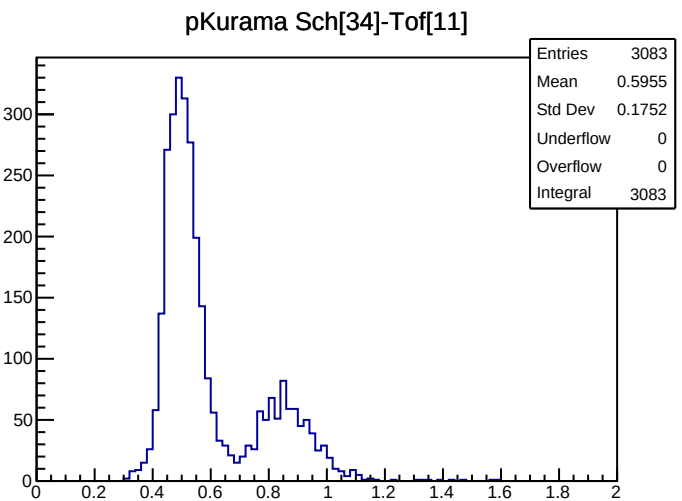

m2 Sch[34]-Tof[10]
Entries 3050
Mean 0.1555
Std Dev 0.2904
Underflow 28
Overflow 46
Integral 2976

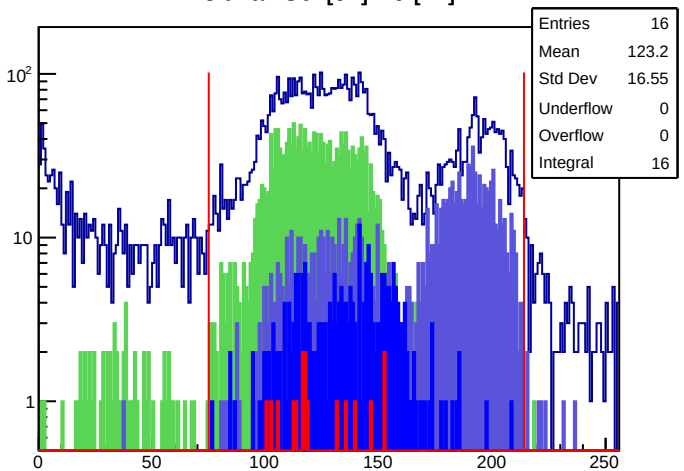

pKurama Sch[34]-Tof[10]
Entries 3050
Mean 0.4929
Std Dev 0.1254
Underflow 0
Overflow 0
Integral 3050

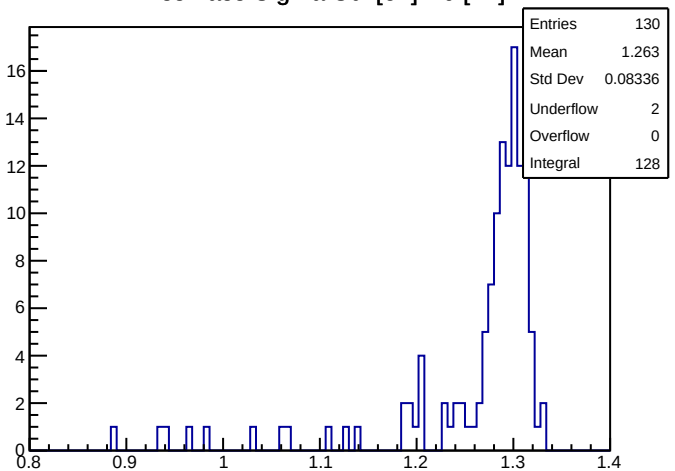

sftx all Sch[34]-Tof[11]
Entries 4
Mean 150.2
Std Dev 23.79
Underflow 0
Overflow 0
Integral 4
10²
10
1
0
50
100
150
200
250

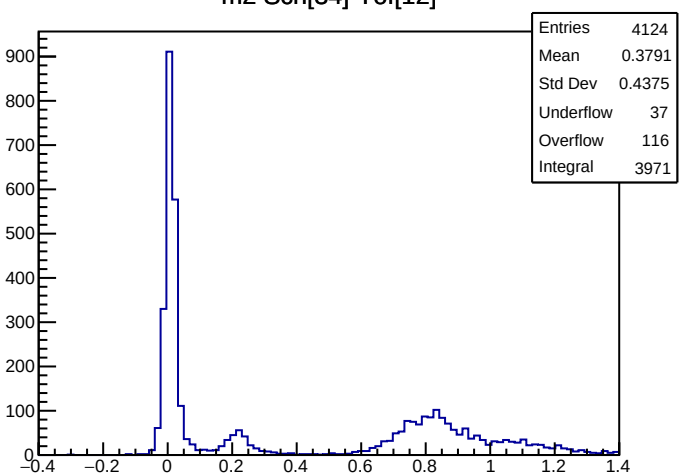

MissMass Sigma Sch[34]-Tof[11]
Entries 87
Mean 1.289
Std Dev 0.06543
Underflow 1
Overflow 0
Integral 86
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

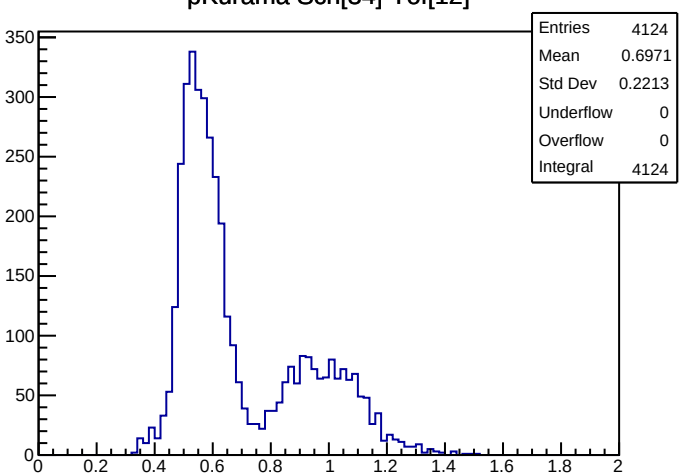

m2 Sch[34]-Tof[11]
Entries 3083
Mean 0.3358
Std Dev 0.4002
Underflow 41
Overflow 53
Integral 2989
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

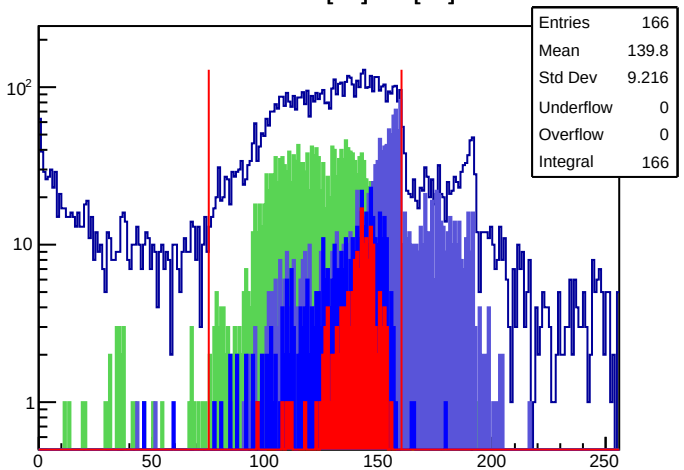

pKurama Sch[34]-Tof[11]
Entries 3083
Mean 0.5955
Std Dev 0.1752
Underflow 0
Overflow 0
Integral 3083
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

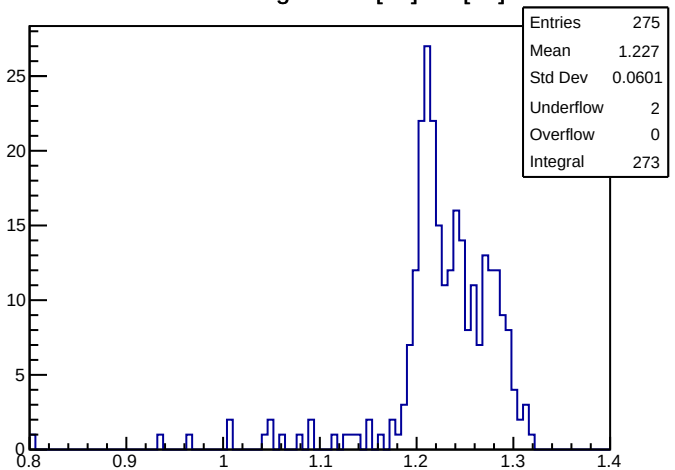

sftx all Sch[34]-Tof[12]
Entries 16
Mean 123.2
Std Dev 16.55
Underflow 0
Overflow 0
Integral 16

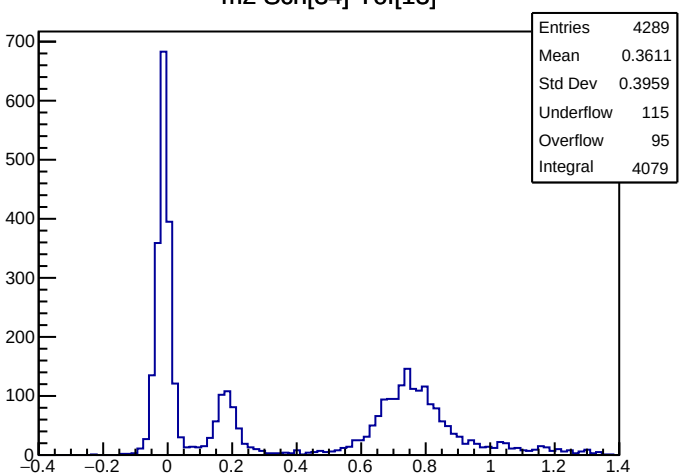

MissMass Sigma Sch[34]-Tof[12]
Entries 130
Mean 1.263
Std Dev 0.08336
Underflow 2
Overflow 0
Integral 128

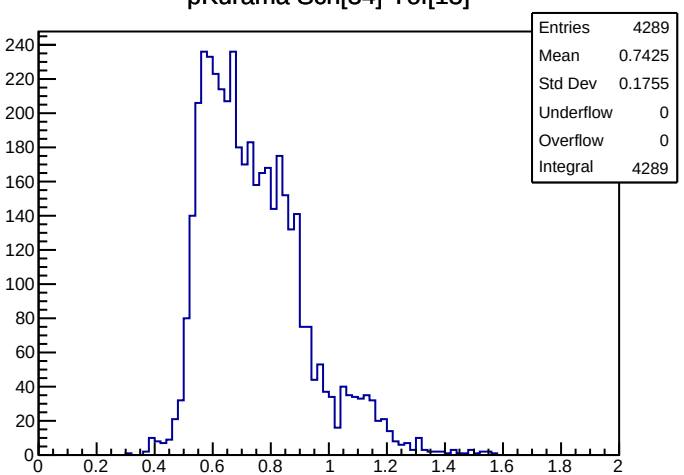

m2 Sch[34]-Tof[12]
Entries 4124
Mean 0.3791
Std Dev 0.4375
Underflow 37
Overflow 116
Integral 3971

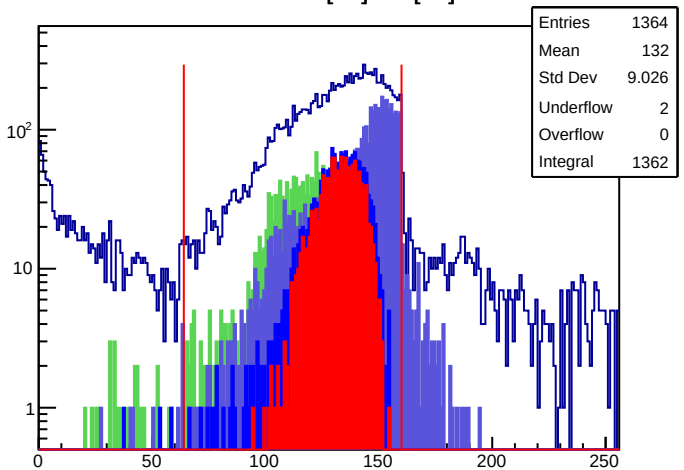

pKurama Sch[34]-Tof[12]
Entries 4124
Mean 0.6971
Std Dev 0.2213
Underflow 0
Overflow 0
Integral 4124

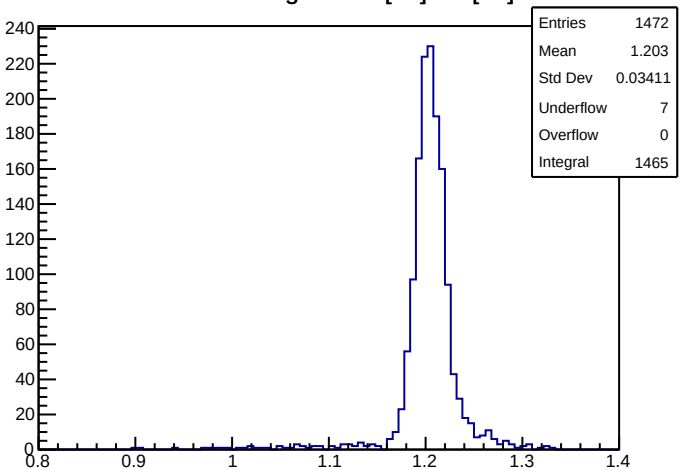

sftx all Sch[34]-Tof[13]
Entries 166
Mean 139.8
Std Dev 9.216
Underflow 0
Overflow 0
Integral 166

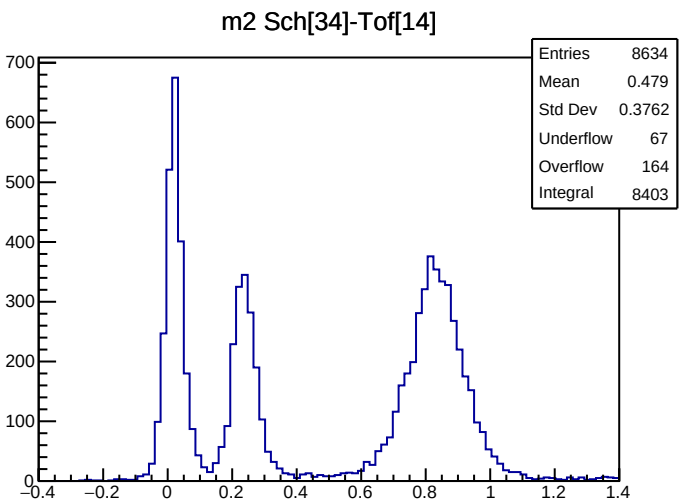

MissMass Sigma Sch[34]-Tof[13]
Entries 275
Mean 1.227
Std Dev 0.0601
Underflow 2
Overflow 0
Integral 273

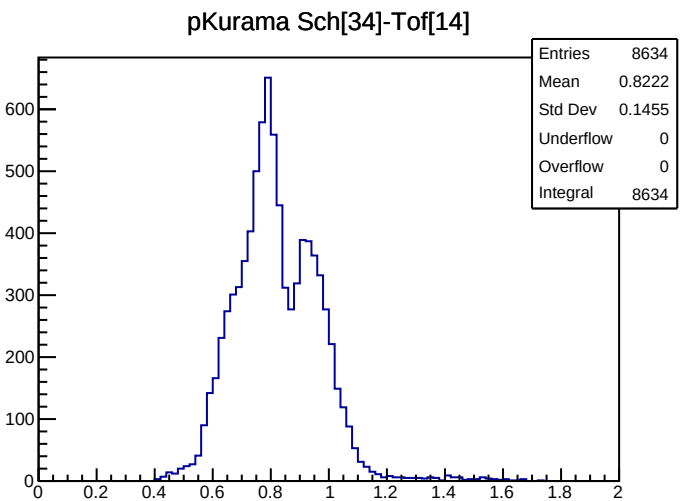

m2 Sch[34]-Tof[13]
Entries 4289
Mean 0.3611
Std Dev 0.3959
Underflow 115
Overflow 95
Integral 4079

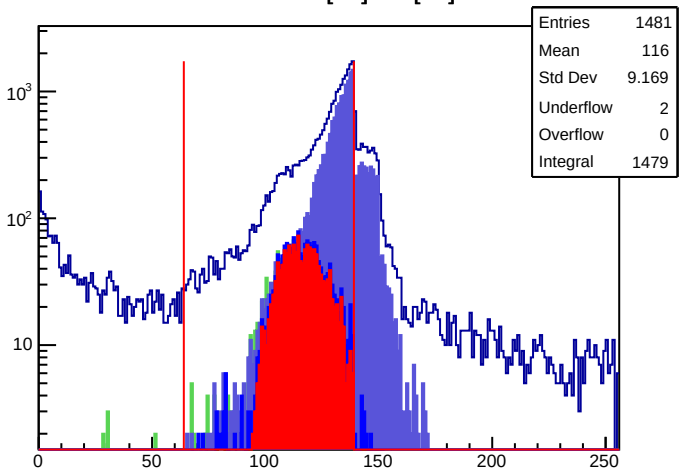

pKurama Sch[34]-Tof[13]
Entries 4289
Mean 0.7425
Std Dev 0.1755
Underflow 0
Overflow 0
Integral 4289

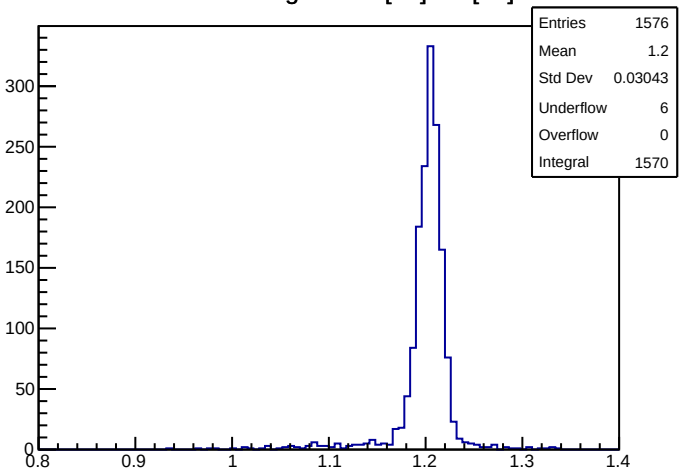

sftx all Sch[34]-Tof[14]
Entries 1364
Mean 132
Std Dev 9.026
Underflow 2
Overflow 0
Integral 1362

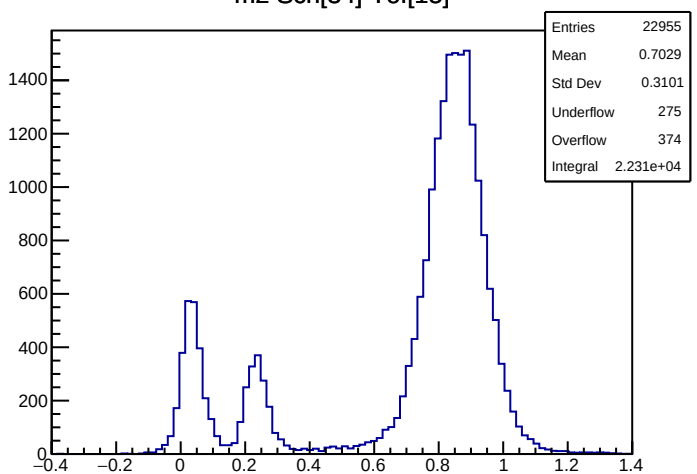

MissMass Sigma Sch[34]-Tof[14]
Entries 1472
Mean 1.203
Std Dev 0.03411
Underflow 7
Overflow 0
Integral 1465

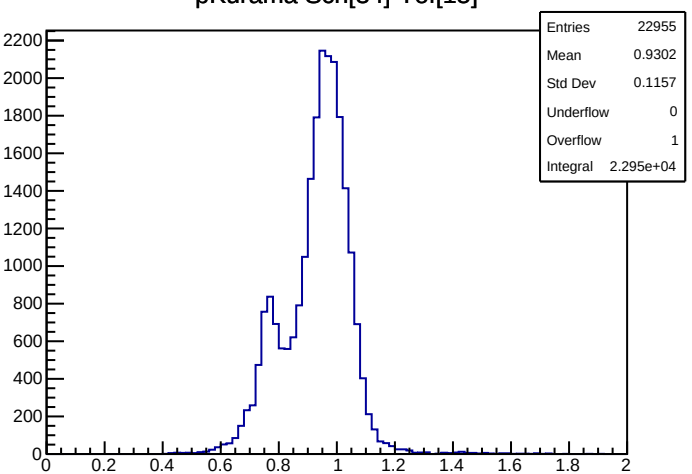

m2 Sch[34]-Tof[14]
Entries 8634
Mean 0.479
Std Dev 0.3762
Underflow 67
Overflow 164
Integral 8403

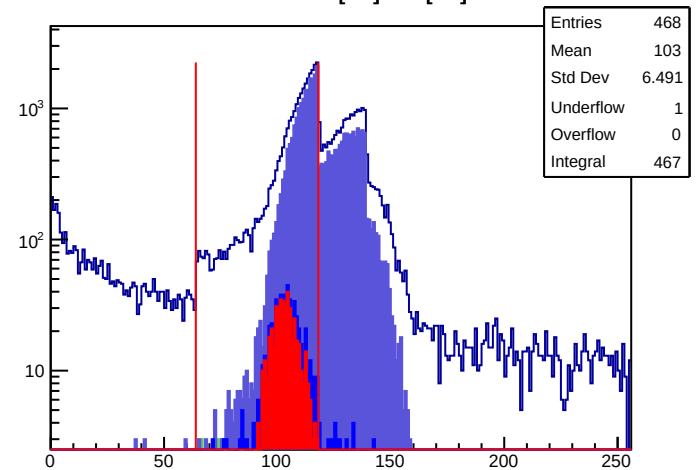

pKurama Sch[34]-Tof[14]
Entries 8634
Mean 0.8222
Std Dev 0.1455
Underflow 0
Overflow 0
Integral 8634

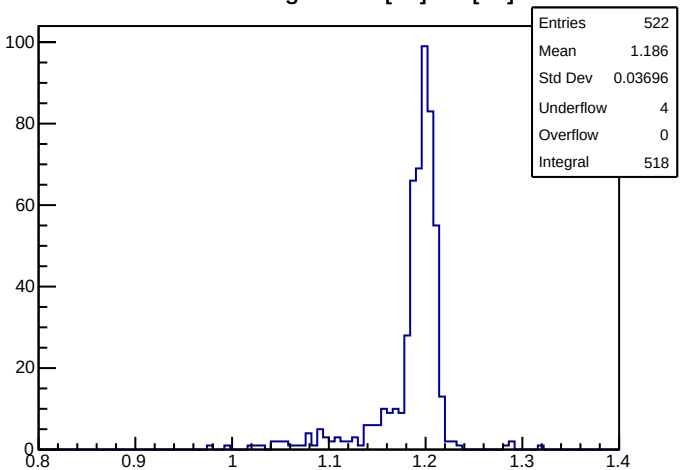

sftx all Sch[34]-Tof[15]
Entries 1481
Mean 116
Std Dev 9.169
Underflow 2
Overflow 0
Integral 1479

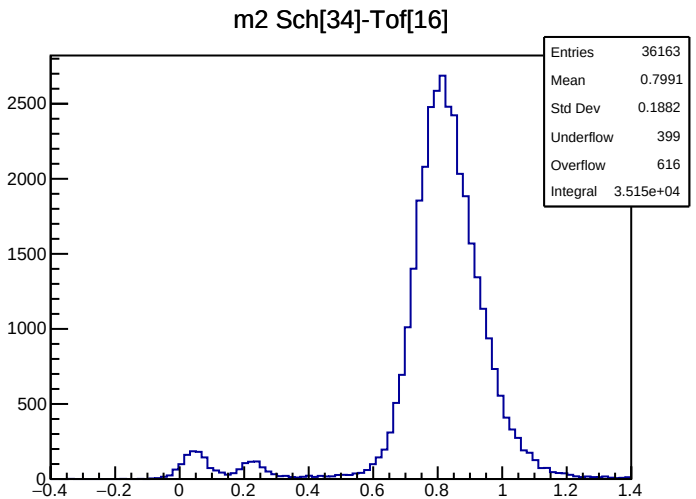

MissMass Sigma Sch[34]-Tof[15]
Entries 1576
Mean 1.2
Std Dev 0.03043
Underflow 6
Overflow 0
Integral 1570

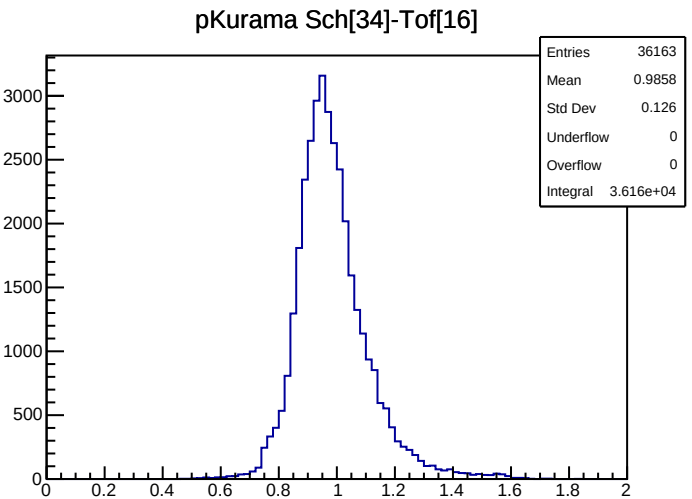

m2 Sch[34]-Tof[15]
Entries 22955
Mean 0.7029
Std Dev 0.3101
Underflow 275
Overflow 374
Integral 2.231e+04

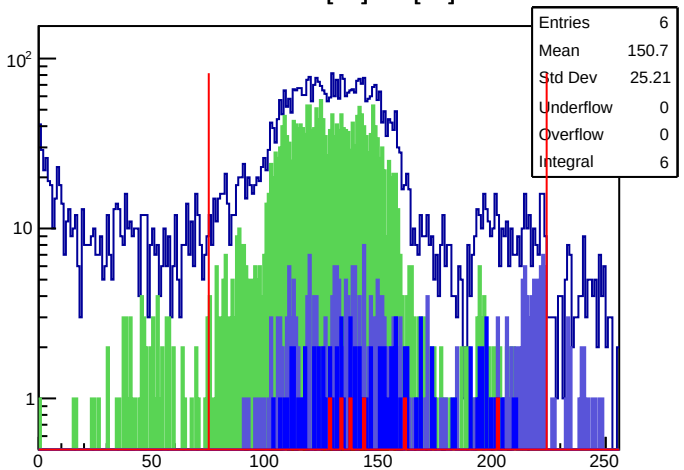

pKurama Sch[34]-Tof[15]
Entries 22955
Mean 0.9302
Std Dev 0.1157
Underflow 0
Overflow 1
Integral 2.295e+04

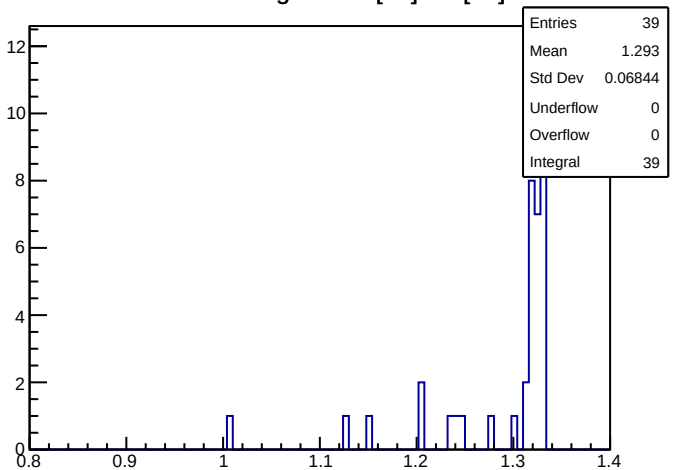

sftx all Sch[34]-Tof[16]
Entries 468
Mean 103
Std Dev 6.491
Underflow 1
Overflow 0
Integral 467

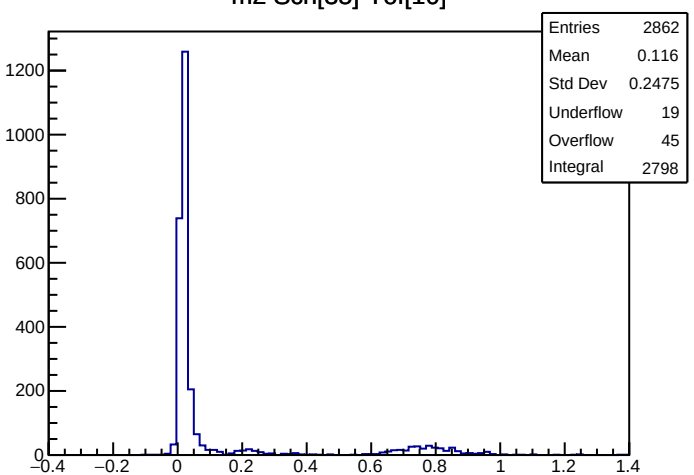

MissMass Sigma Sch[34]-Tof[16]
Entries 522
Mean 1.186
Std Dev 0.03696
Underflow 4
Overflow 0
Integral 518

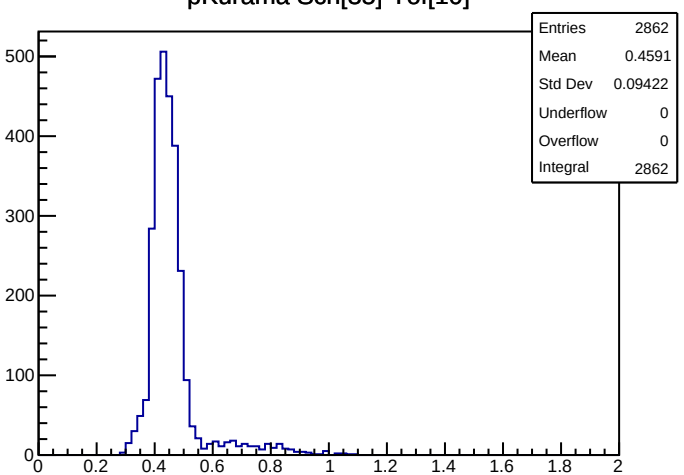

m2 Sch[34]-Tof[16]
Entries 36163
Mean 0.7991
Std Dev 0.1882
Underflow 399
Overflow 616
Integral 3.515e+04

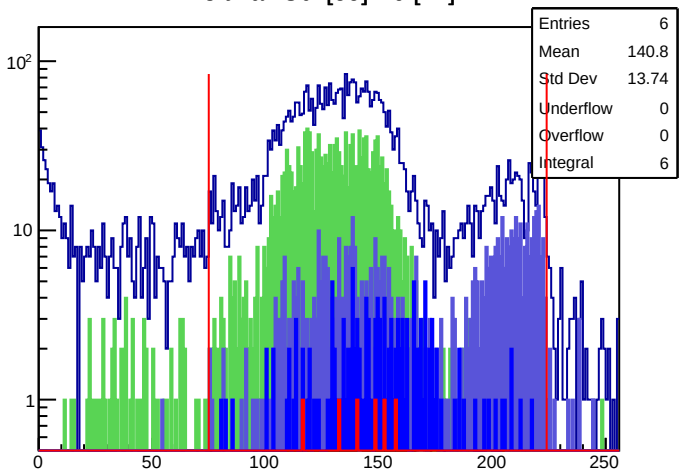

pKurama Sch[34]-Tof[16]
Entries 36163
Mean 0.9858
Std Dev 0.126
Underflow 0
Overflow 0
Integral 3.616e+04

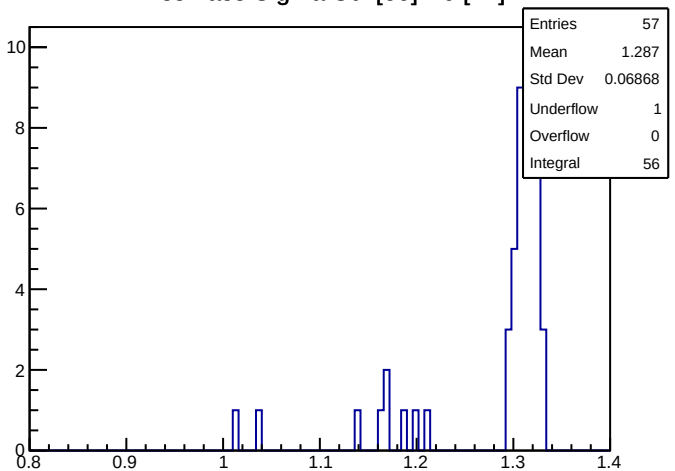

sftx all Sch[35]-Tof[10]
Entries 6
Mean 150.7
Std Dev 25.21
Underflow 0
Overflow 0
Integral 6

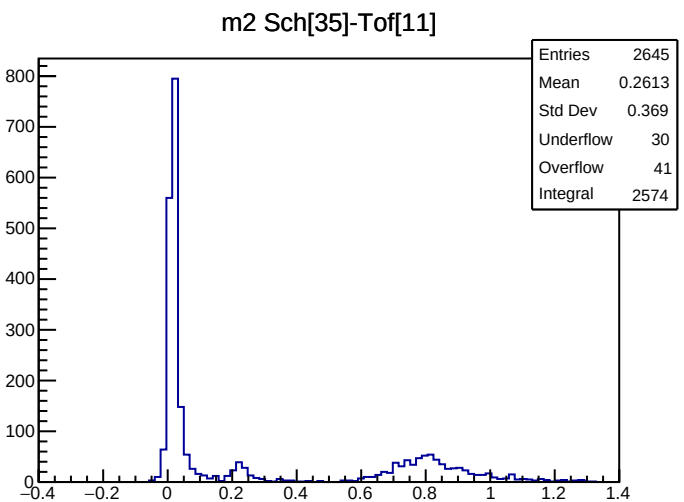

MissMass Sigma Sch[35]-Tof[10]
Entries 39
Mean 1.293
Std Dev 0.06844
Underflow 0
Overflow 0
Integral 39

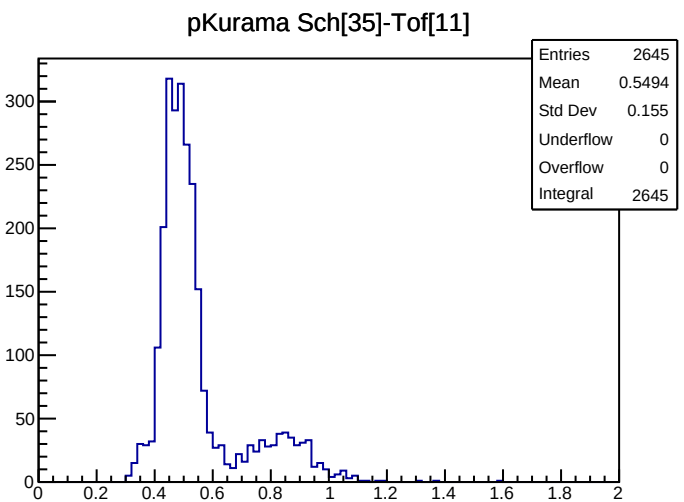

m2 Sch[35]-Tof[10]
Entries 2862
Mean 0.116
Std Dev 0.2475
Underflow 19
Overflow 45
Integral 2798

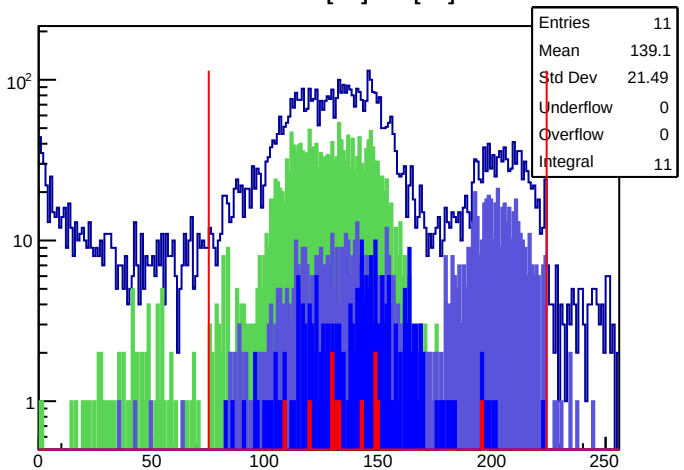

pKurama Sch[35]-Tof[10]
Entries 2862
Mean 0.4591
Std Dev 0.09422
Underflow 0
Overflow 0
Integral 2862

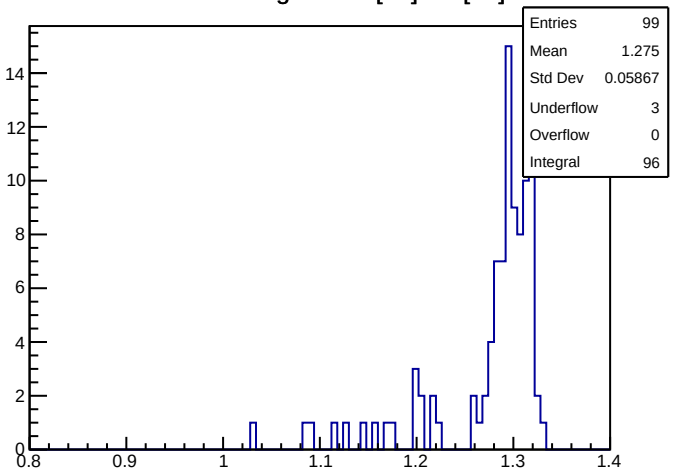

sftx all Sch[35]-Tof[11]
Entries 6
Mean 140.8
Std Dev 13.74
Underflow 0
Overflow 0
Integral 6

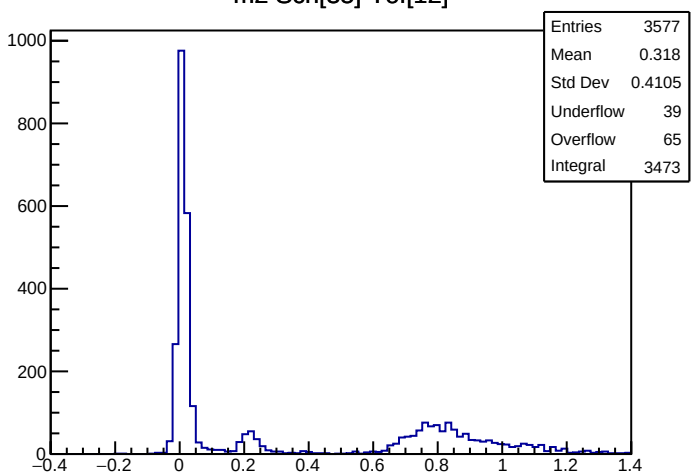

MissMass Sigma Sch[35]-Tof[11]
Entries 57
Mean 1.287
Std Dev 0.06868
Underflow 1
Overflow 0
Integral 56

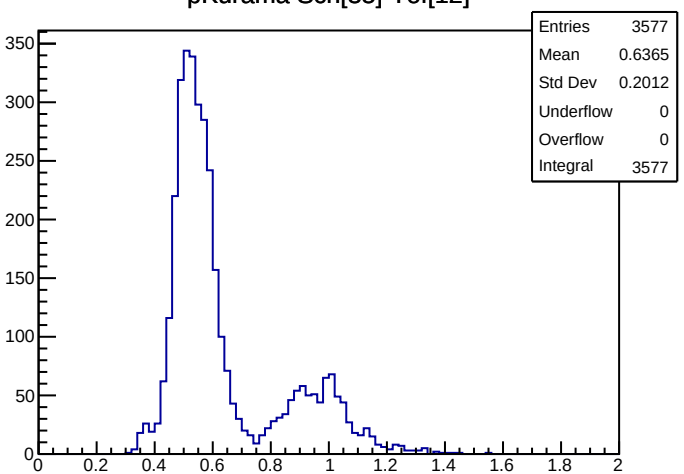

m2 Sch[35]-Tof[11]
Entries 2645
Mean 0.2613
Std Dev 0.369
Underflow 30
Overflow 41
Integral 2574

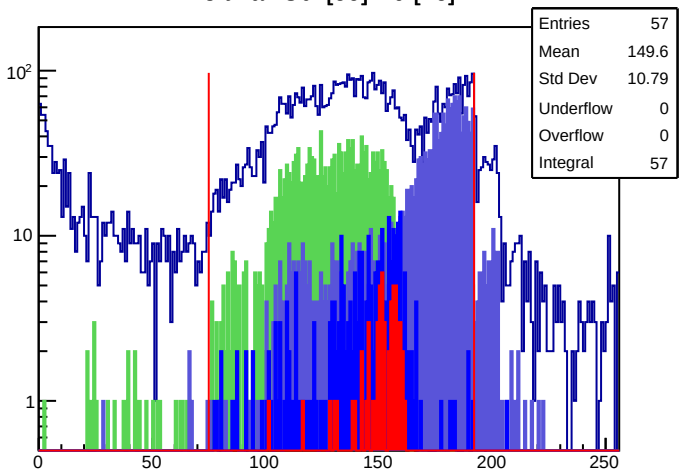

pKurama Sch[35]-Tof[11]
Entries 2645
Mean 0.5494
Std Dev 0.155
Underflow 0
Overflow 0
Integral 2645

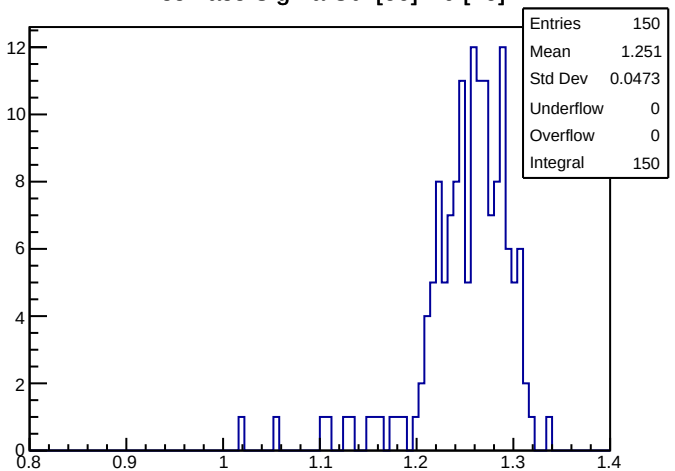

sftx all Sch[35]-Tof[12]
Entries 11
Mean 139.1
Std Dev 21.49
Underflow 0
Overflow 0
Integral 11

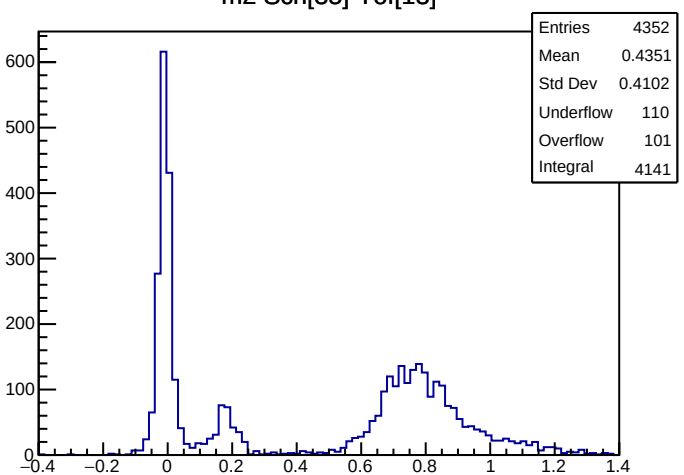

MissMass Sigma Sch[35]-Tof[12]
Entries 99
Mean 1.275
Std Dev 0.05867
Underflow 3
Overflow 0
Integral 96

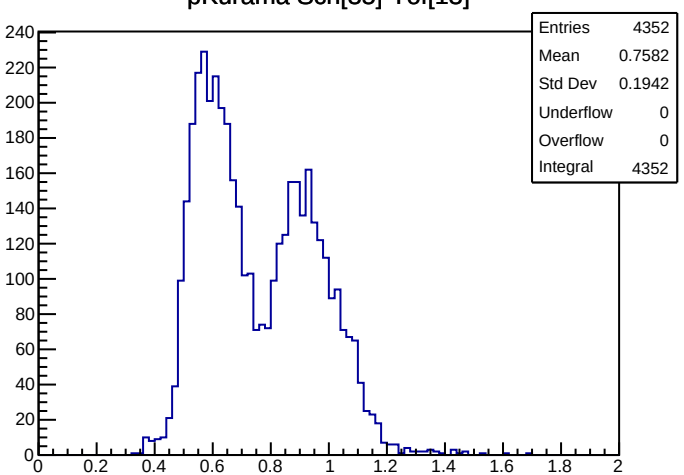

m2 Sch[35]-Tof[12]
Entries 3577
Mean 0.318
Std Dev 0.4105
Underflow 39
Overflow 65
Integral 3473

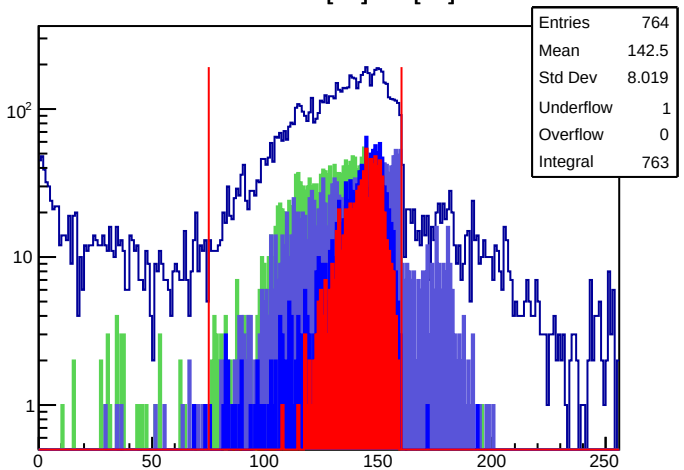

pKurama Sch[35]-Tof[12]
Entries 3577
Mean 0.6365
Std Dev 0.2012
Underflow 0
Overflow 0
Integral 3577

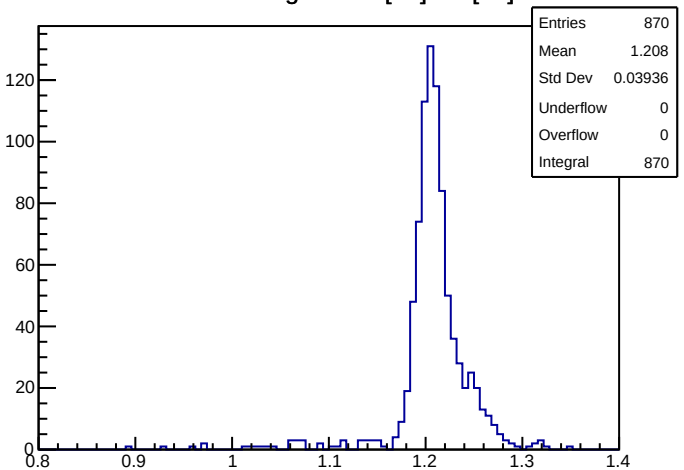

sftx all Sch[35]-Tof[13]
Entries 57
Mean 149.6
Std Dev 10.79
Underflow 0
Overflow 0
Integral 57

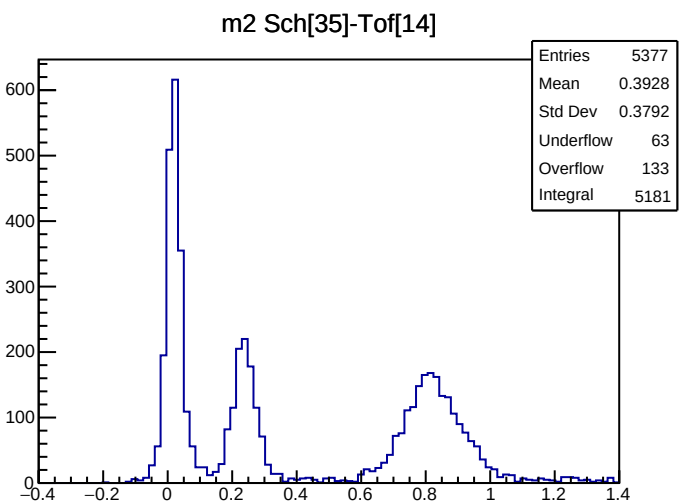

MissMass Sigma Sch[35]-Tof[13]
Entries 150
Mean 1.251
Std Dev 0.0473
Underflow 0
Overflow 0
Integral 150

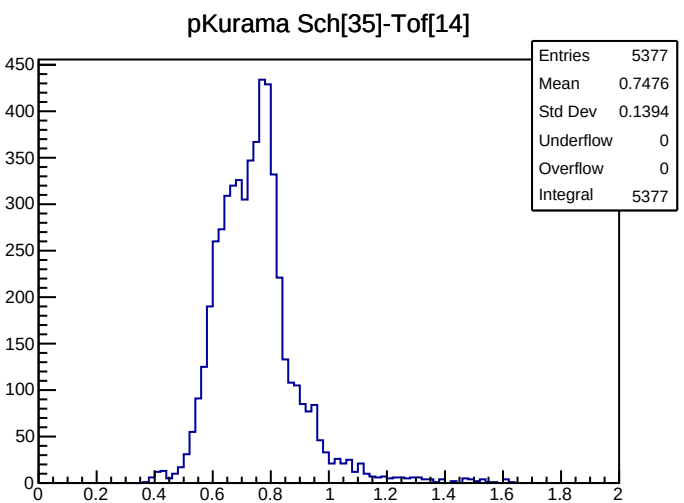

m2 Sch[35]-Tof[13]
Entries 4352
Mean 0.4351
Std Dev 0.4102
Underflow 110
Overflow 101
Integral 4141

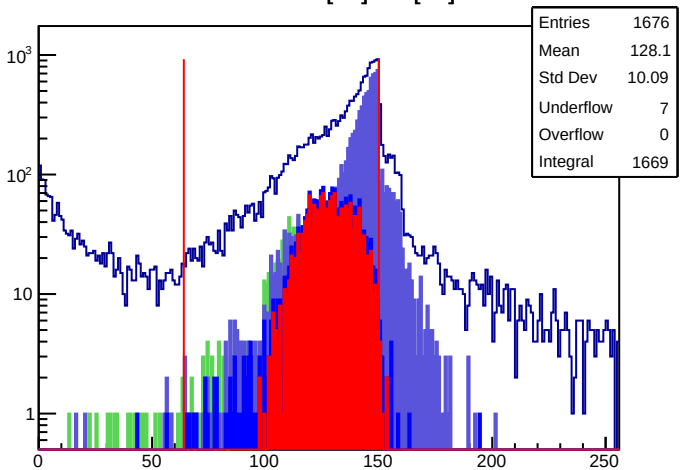

pKurama Sch[35]-Tof[13]
Entries 4352
Mean 0.7582
Std Dev 0.1942
Underflow 0
Overflow 0
Integral 4352

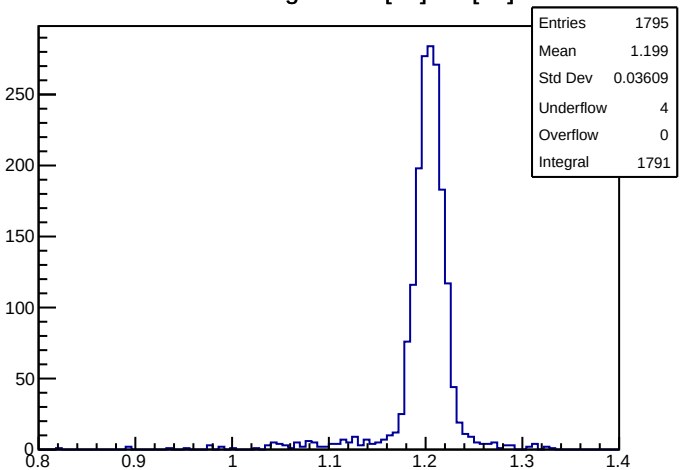

sftx all Sch[35]-Tof[14]
Entries 764
Mean 142.5
Std Dev 8.019
Underflow 1
Overflow 0
Integral 763

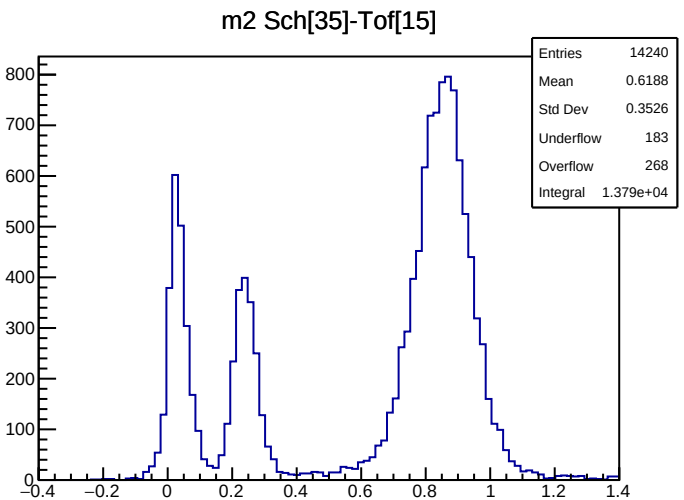

MissMass Sigma Sch[35]-Tof[14]
Entries 870
Mean 1.208
Std Dev 0.03936
Underflow 0
Overflow 0
Integral 870

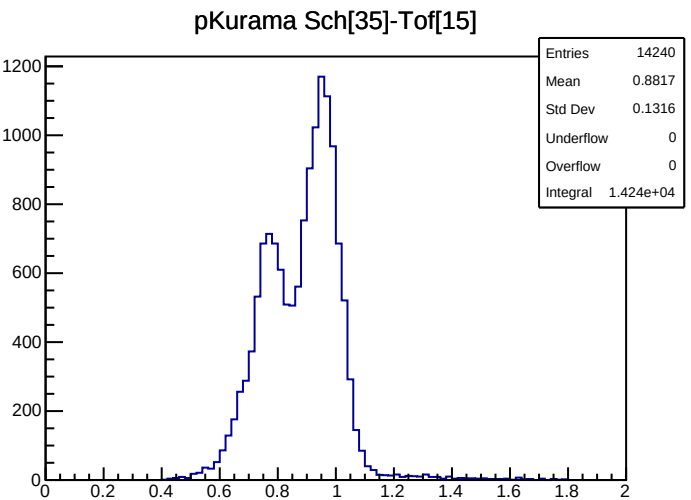

m2 Sch[35]-Tof[14]
Entries 5377
Mean 0.3928
Std Dev 0.3792
Underflow 63
Overflow 133
Integral 5181

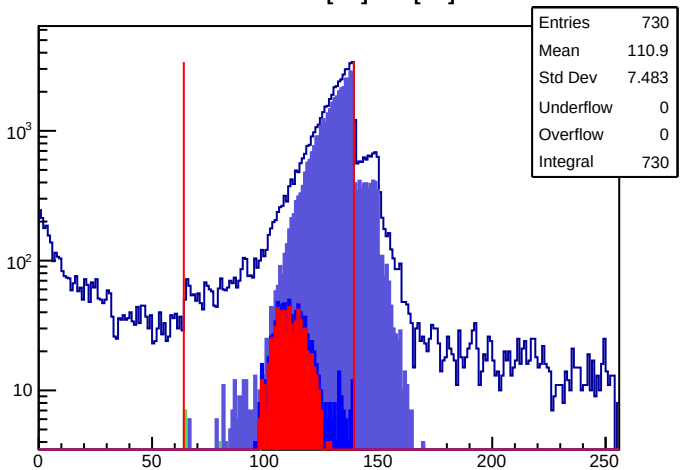

pKurama Sch[35]-Tof[14]
Entries 5377
Mean 0.7476
Std Dev 0.1394
Underflow 0
Overflow 0
Integral 5377

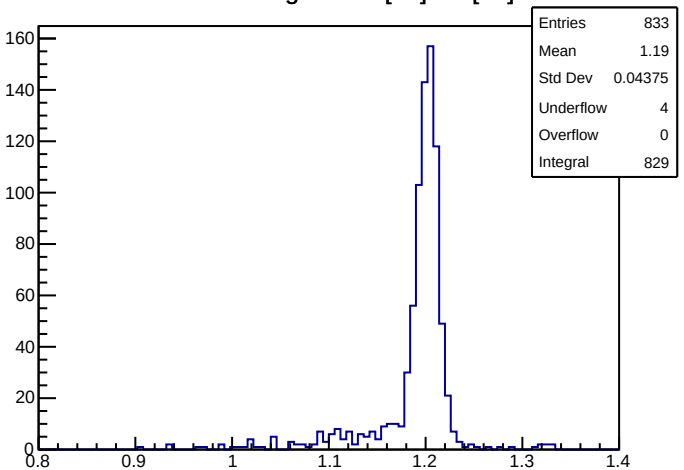

sftx all Sch[35]-Tof[15]
Entries 1676
Mean 128.1
Std Dev 10.09
Underflow 7
Overflow 0
Integral 1669

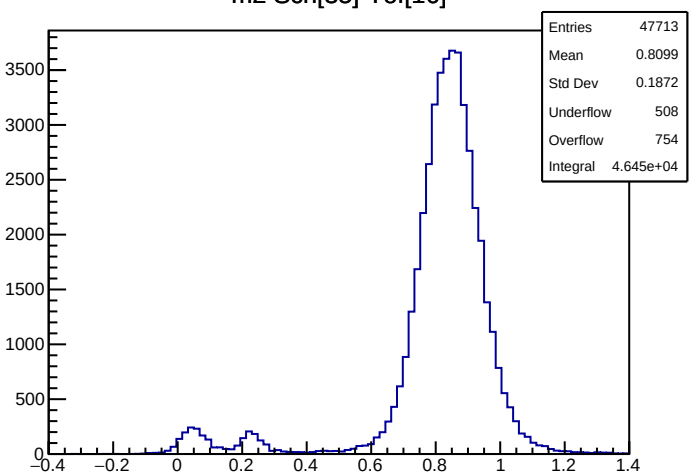

MissMass Sigma Sch[35]-Tof[15]
Entries 1795
Mean 1.199
Std Dev 0.03609
Underflow 4
Overflow 0
Integral 1791

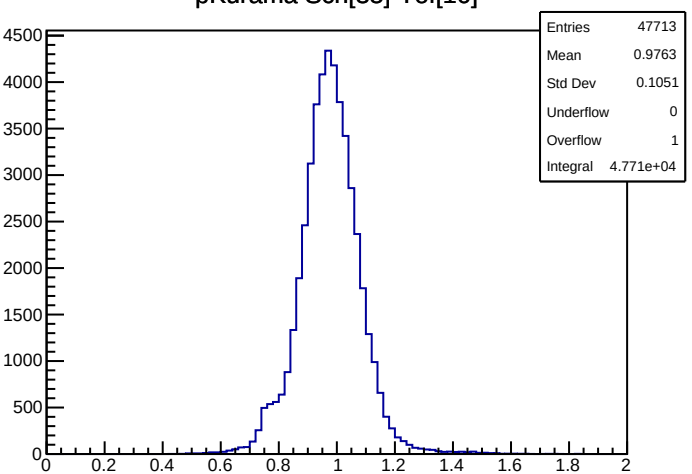

m2 Sch[35]-Tof[15]
Entries 14240
Mean 0.6188
Std Dev 0.3526
Underflow 183
Overflow 268
Integral 1.379e+04

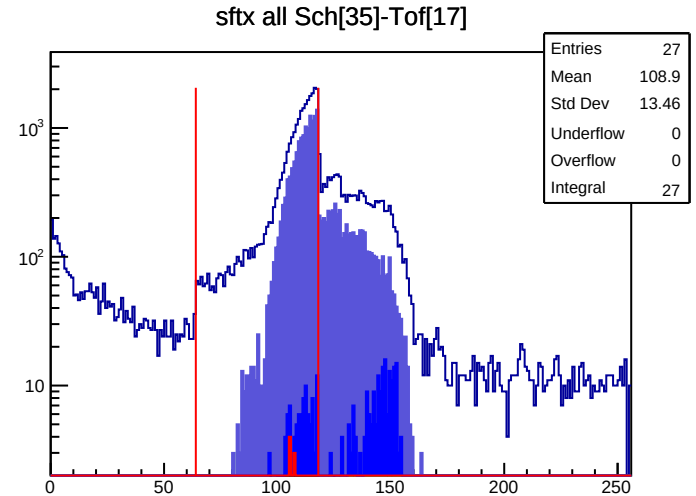

pKurama Sch[35]-Tof[15]
Entries 14240
Mean 0.8817
Std Dev 0.1316
Underflow 0
Overflow 0
Integral 1.424e+04

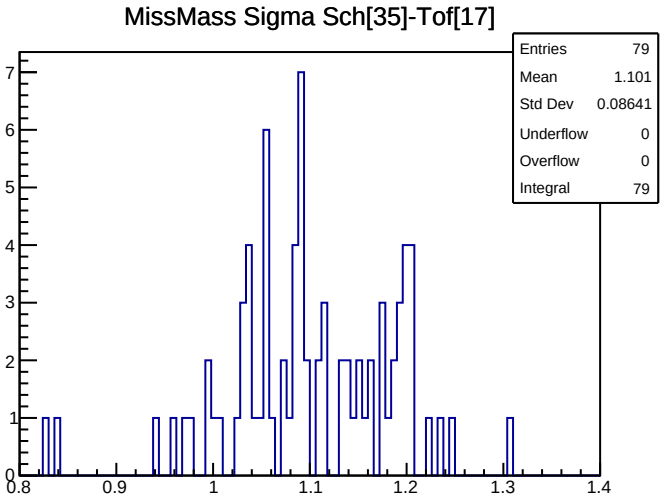

sftx all Sch[35]-Tof[16]
Entries 730
Mean 110.9
Std Dev 7.483
Underflow 0
Overflow 0
Integral 730

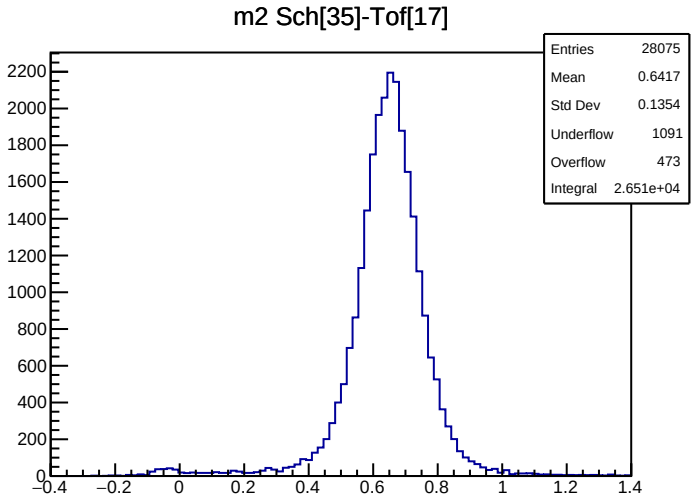

MissMass Sigma Sch[35]-Tof[16]
Entries 833
Mean 1.19
Std Dev 0.04375
Underflow 4
Overflow 0
Integral 829

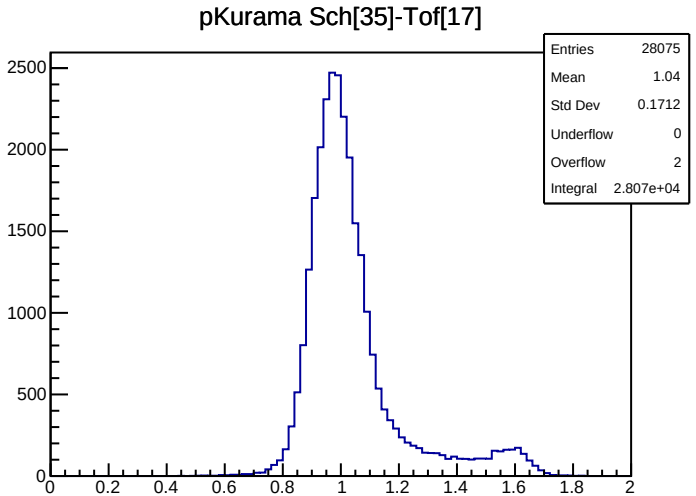

m2 Sch[35]-Tof[16]
Entries 47713
Mean 0.8099
Std Dev 0.1872
Underflow 508
Overflow 754
Integral 4.645e+04

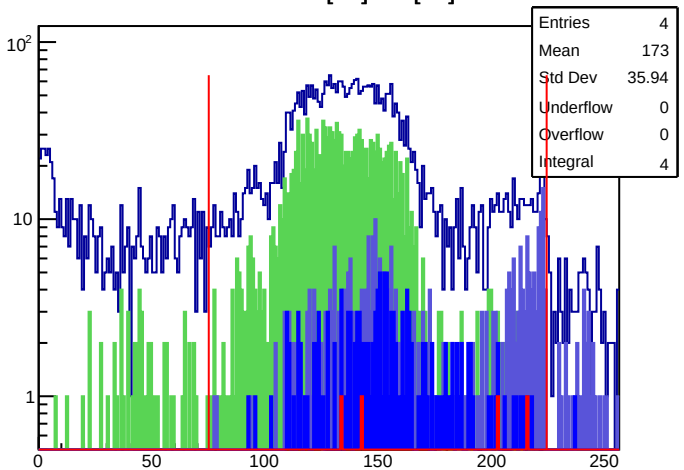

pKurama Sch[35]-Tof[16]
Entries 47713
Mean 0.9763
Std Dev 0.1051
Underflow 0
Overflow 1
Integral 4.771e+04

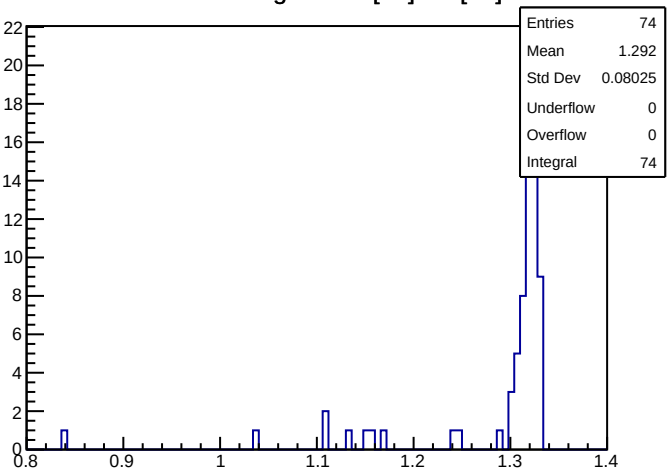

sftx all Sch[35]-Tof[17]
Entries 27
Mean 108.9
Std Dev 13.46
Underflow 0
Overflow 0
Integral 27

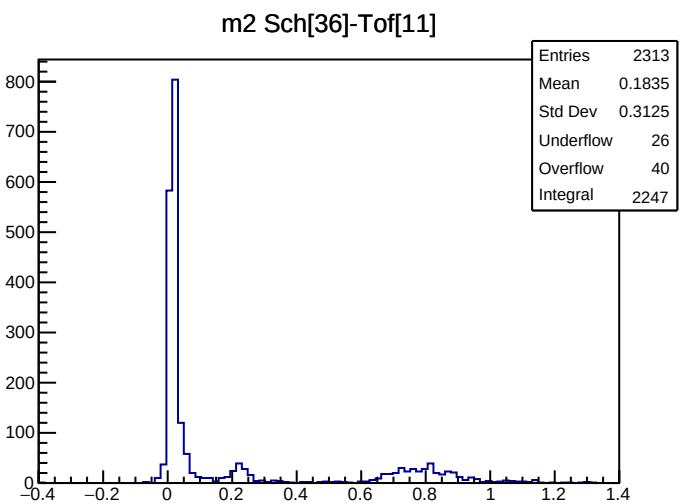

MissMass Sigma Sch[35]-Tof[17]
Entries 79
Mean 1.101
Std Dev 0.08641
Underflow 0
Overflow 0
Integral 79

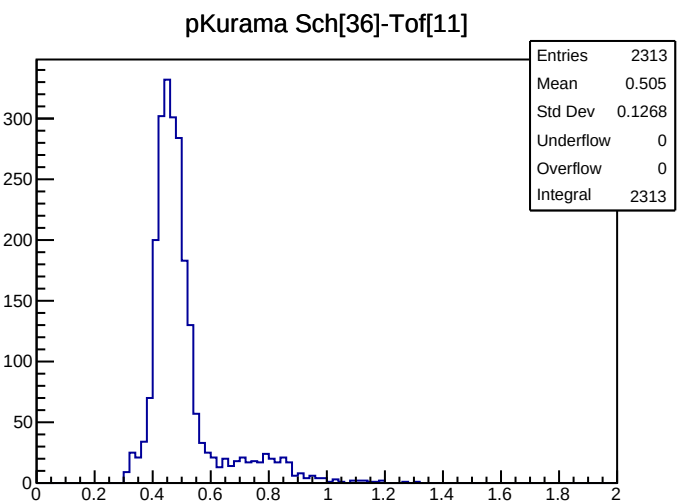

m2 Sch[35]-Tof[17]
Entries 28075
Mean 0.6417
Std Dev 0.1354
Underflow 1091
Overflow 473
Integral 2.651e+04

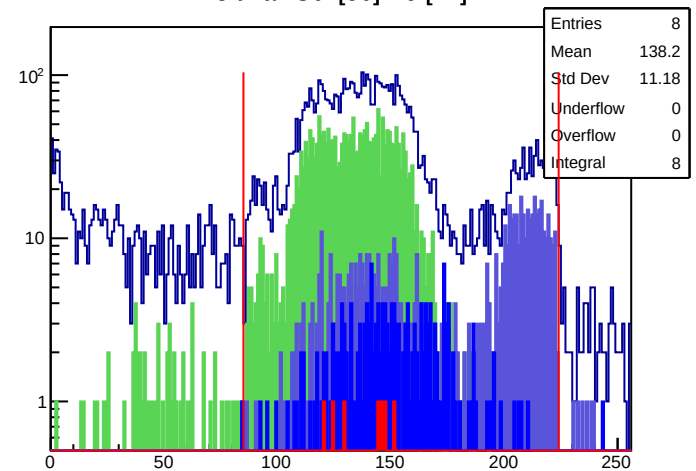

pKurama Sch[35]-Tof[17]
Entries 28075
Mean 1.04
Std Dev 0.1712
Underflow 0
Overflow 2
Integral 2.807e+04

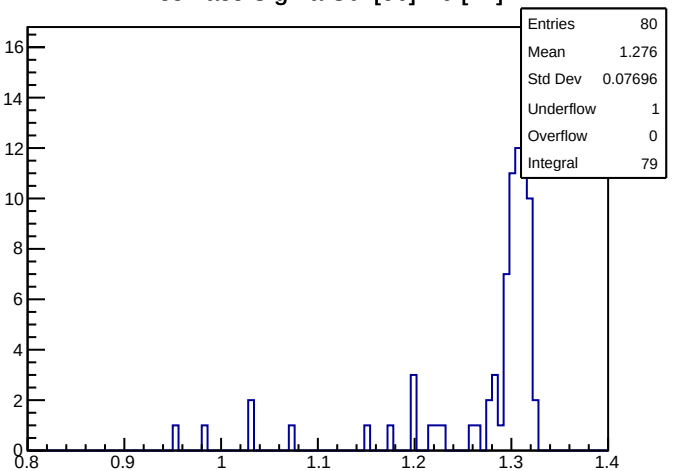

sftx all Sch[36]-Tof[11]
Entries 4
Mean 173
Std Dev 35.94
Underflow 0
Overflow 0
Integral 4

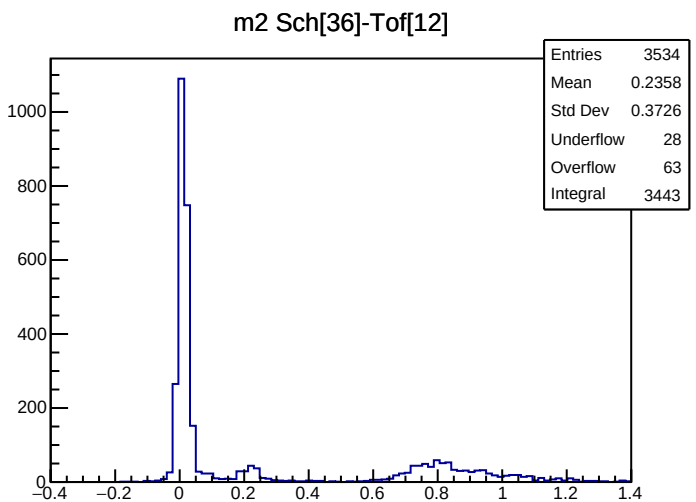

MissMass Sigma Sch[36]-Tof[11]
Entries 74
Mean 1.292
Std Dev 0.08025
Underflow 0
Overflow 0
Integral 74

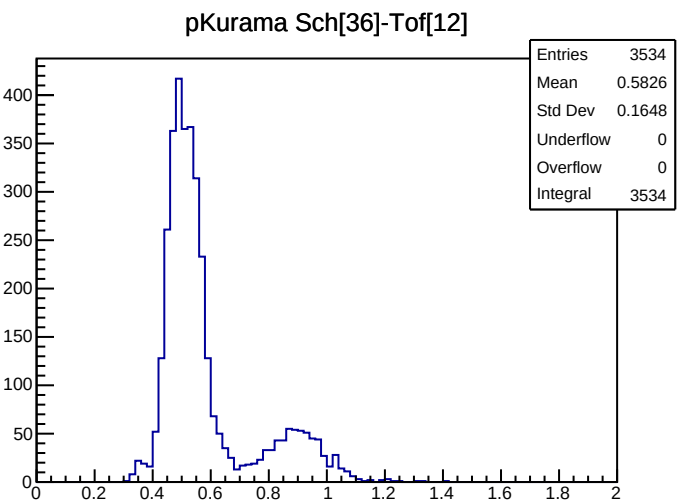

m2 Sch[36]-Tof[11]
Entries 2313
Mean 0.1835
Std Dev 0.3125
Underflow 26
Overflow 40
Integral 2247

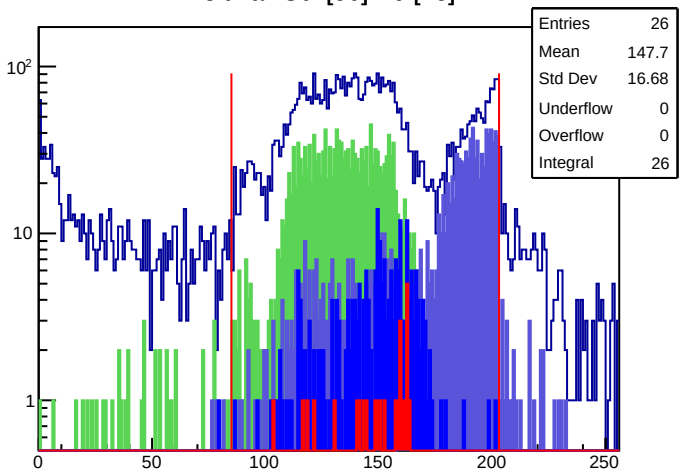

pKurama Sch[36]-Tof[11]
Entries 2313
Mean 0.505
Std Dev 0.1268
Underflow 0
Overflow 0
Integral 2313

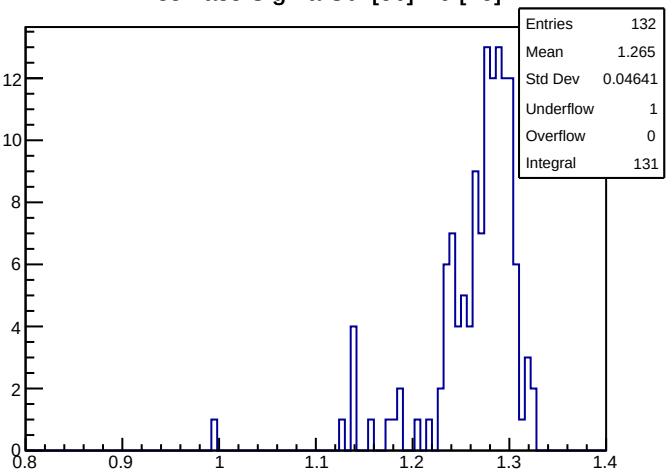

sftx all Sch[36]-Tof[12]
Entries 8
Mean 138.2
Std Dev 11.18
Underflow 0
Overflow 0
Integral 8

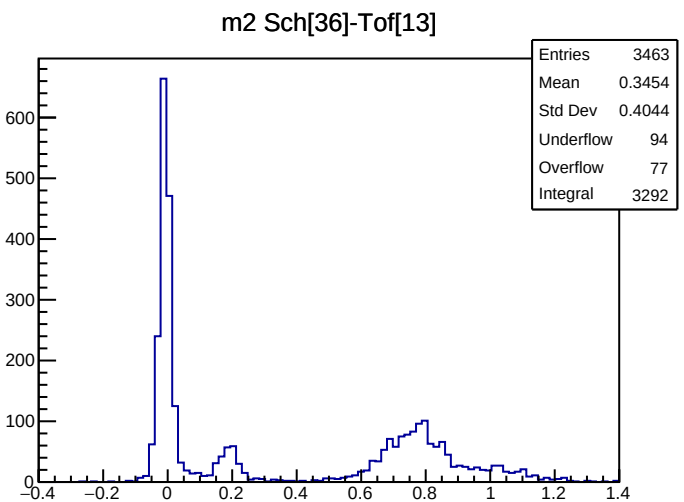

MissMass Sigma Sch[36]-Tof[12]
Entries 80
Mean 1.276
Std Dev 0.07696
Underflow 1
Overflow 0
Integral 79

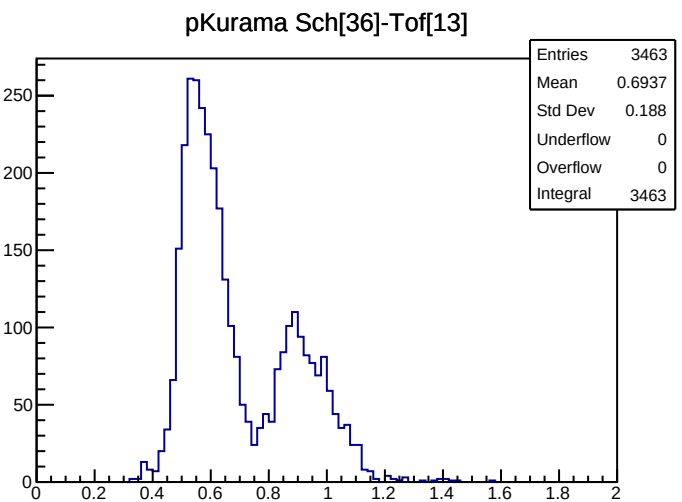

m2 Sch[36]-Tof[12]
Entries 3534
Mean 0.2358
Std Dev 0.3726
Underflow 28
Overflow 63
Integral 3443

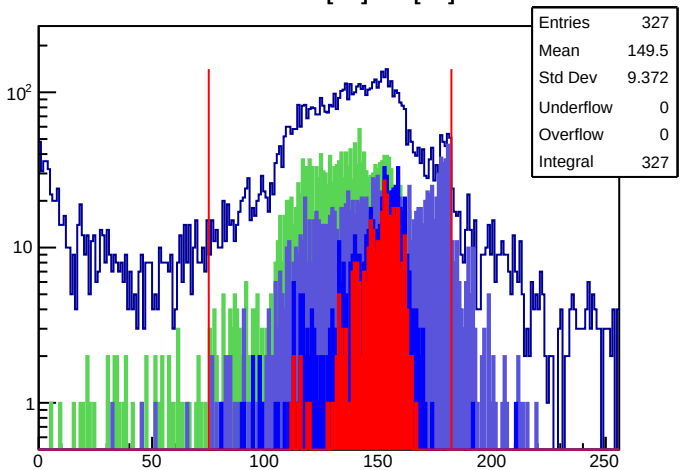

pKurama Sch[36]-Tof[12]
Entries 3534
Mean 0.5826
Std Dev 0.1648
Underflow 0
Overflow 0
Integral 3534

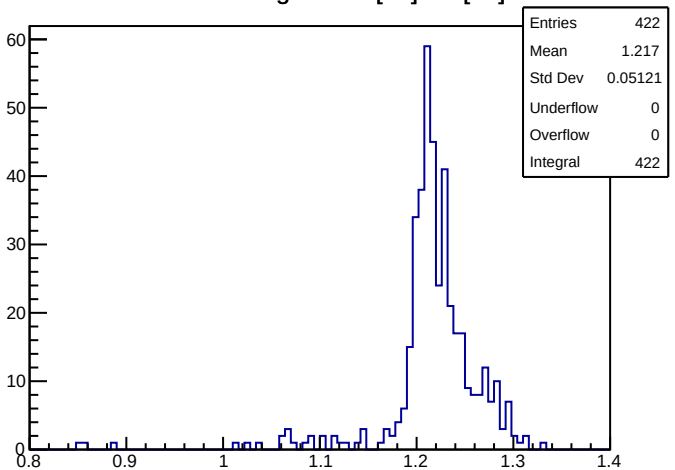

sftx all Sch[36]-Tof[13]
Entries 26
Mean 147.7
Std Dev 16.68
Underflow 0
Overflow 0
Integral 26
10²
10
1
0
50
100
150
200
250

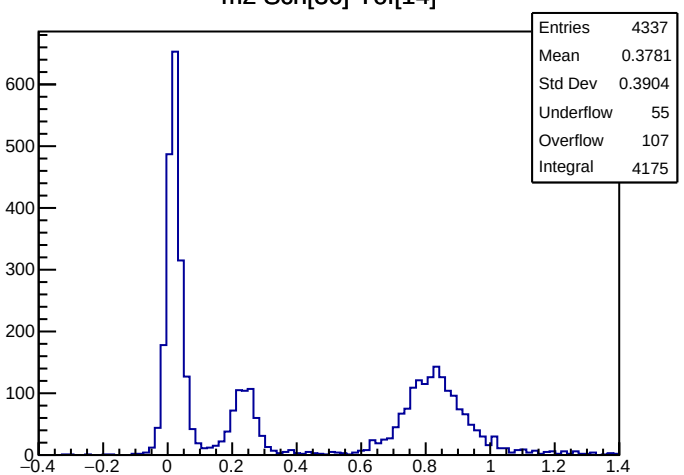

MissMass Sigma Sch[36]-Tof[13]
Entries 132
Mean 1.265
Std Dev 0.04641
Underflow 1
Overflow 0
Integral 131
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

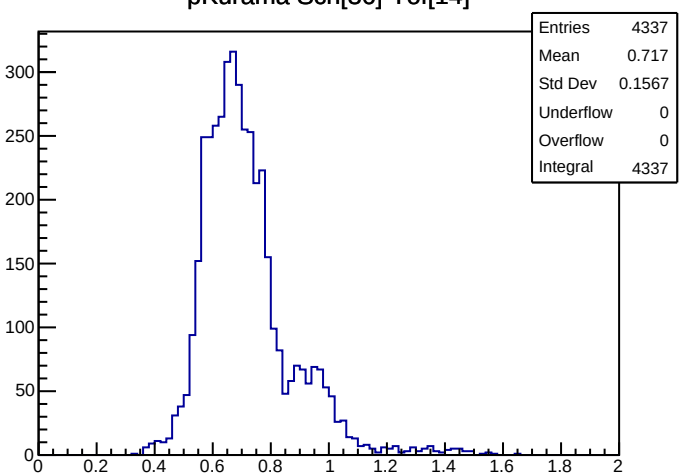

m2 Sch[36]-Tof[13]
Entries 3463
Mean 0.3454
Std Dev 0.4044
Underflow 94
Overflow 77
Integral 3292
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

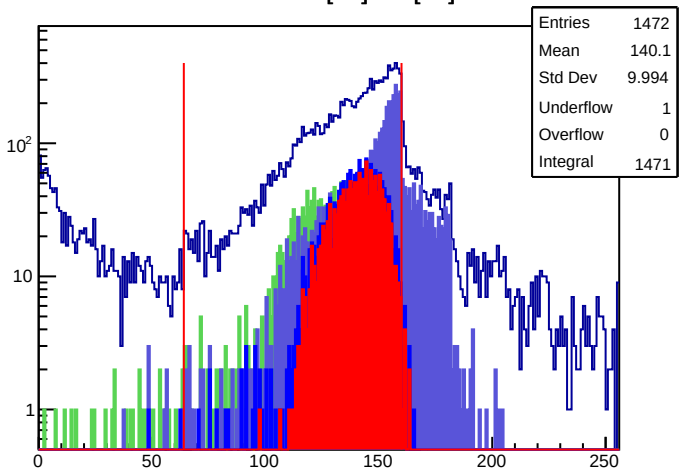

pKurama Sch[36]-Tof[13]
Entries 3463
Mean 0.6937
Std Dev 0.188
Underflow 0
Overflow 0
Integral 3463
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

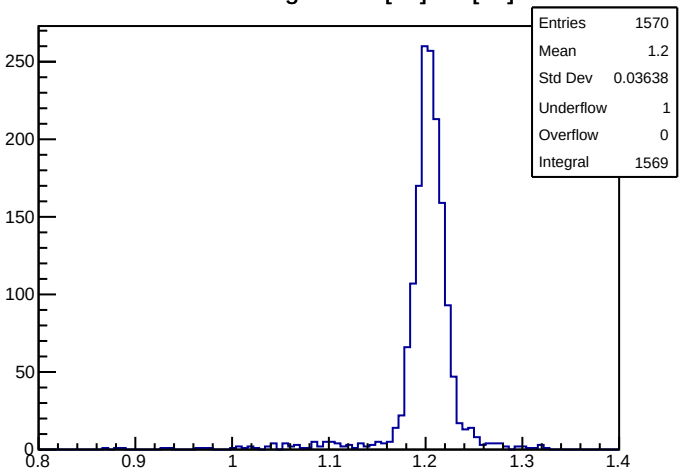

sftx all Sch[36]-Tof[14]
Entries 327
Mean 149.5
Std Dev 9.372
Underflow 0
Overflow 0
Integral 327

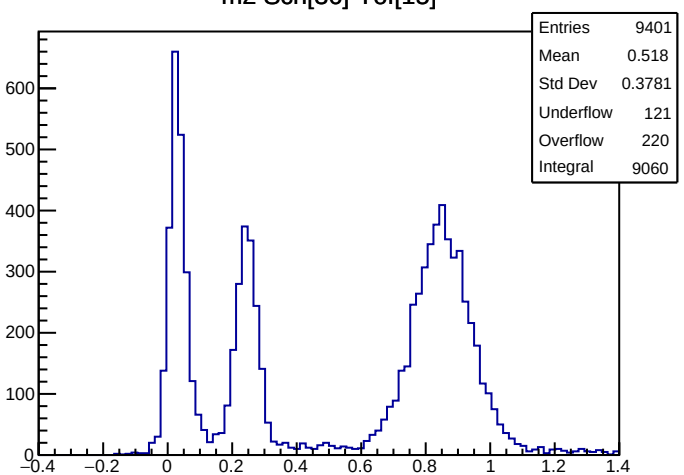

MissMass Sigma Sch[36]-Tof[14]
Entries 422
Mean 1.217
Std Dev 0.05121
Underflow 0
Overflow 0
Integral 422

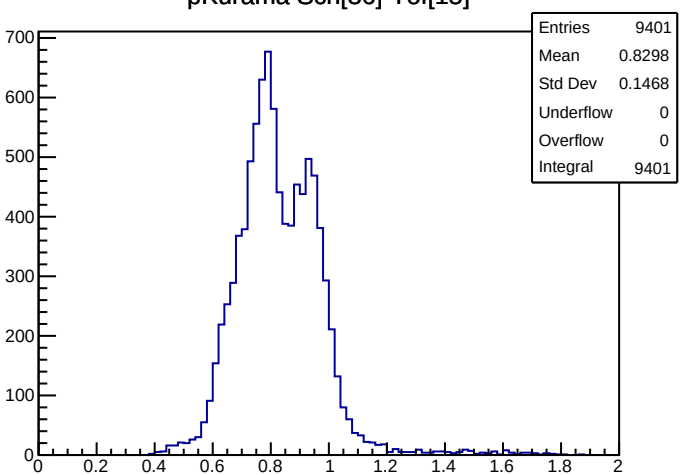

m2 Sch[36]-Tof[14]
Entries 4337
Mean 0.3781
Std Dev 0.3904
Underflow 55
Overflow 107
Integral 4175

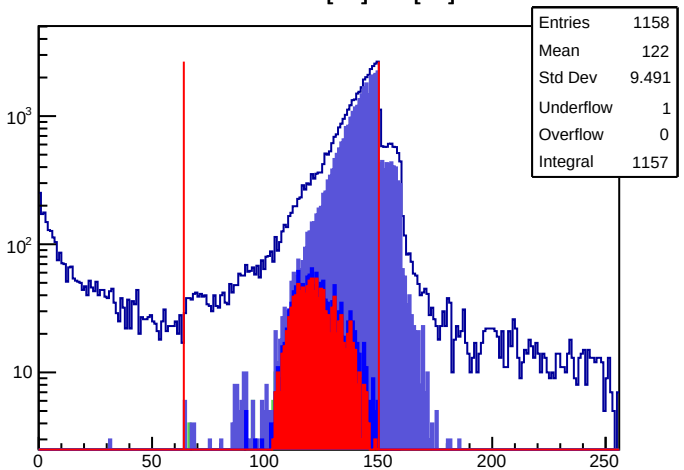

pKurama Sch[36]-Tof[14]
Entries 4337
Mean 0.717
Std Dev 0.1567
Underflow 0
Overflow 0
Integral 4337

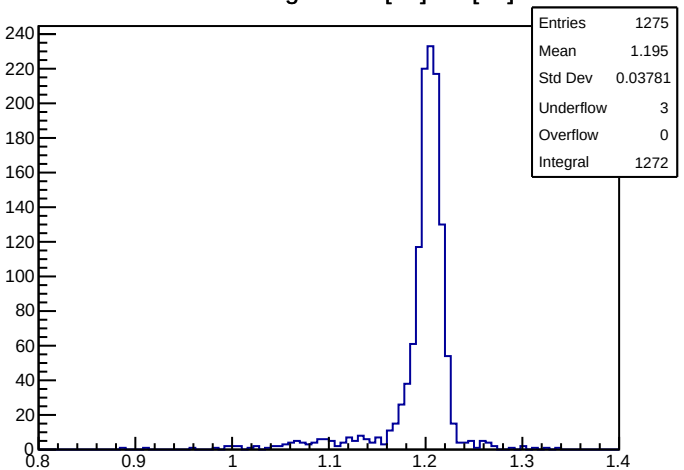

sftx all Sch[36]-Tof[15]
Entries 1472
Mean 140.1
Std Dev 9.994
Underflow 1
Overflow 0
Integral 1471

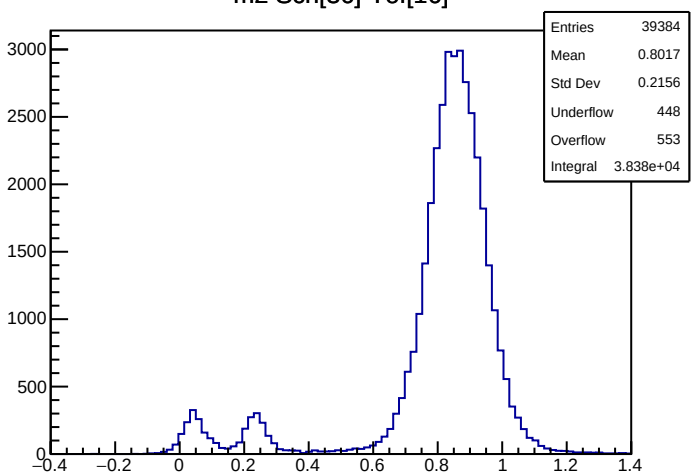

MissMass Sigma Sch[36]-Tof[15]
Entries 1570
Mean 1.2
Std Dev 0.03638
Underflow 1
Overflow 0
Integral 1569

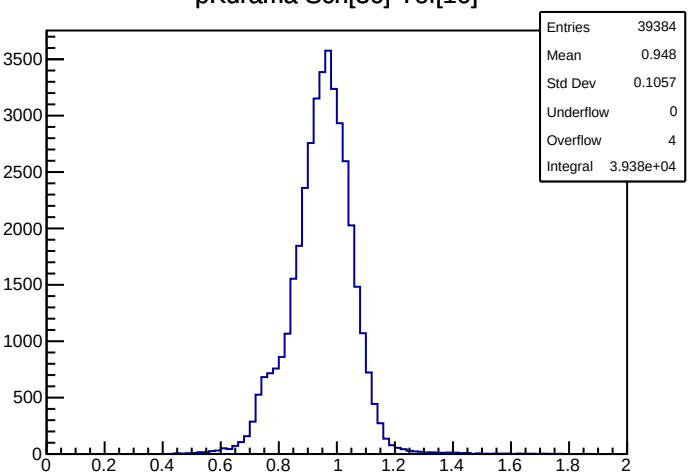

m2 Sch[36]-Tof[15]
Entries 9401
Mean 0.518
Std Dev 0.3781
Underflow 121
Overflow 220
Integral 9060

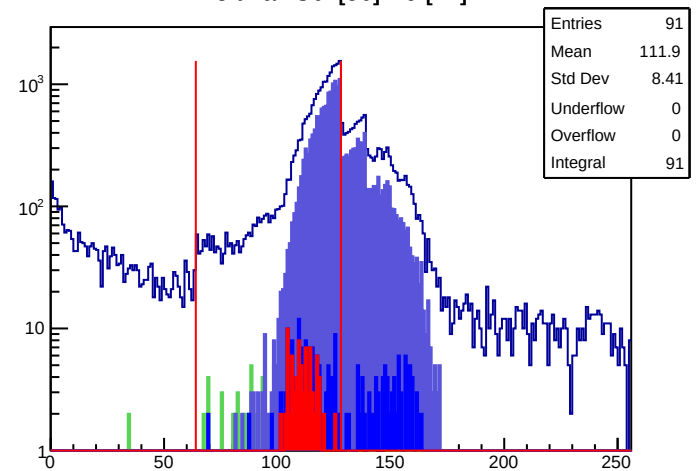

pKurama Sch[36]-Tof[15]
Entries 9401
Mean 0.8298
Std Dev 0.1468
Underflow 0
Overflow 0
Integral 9401

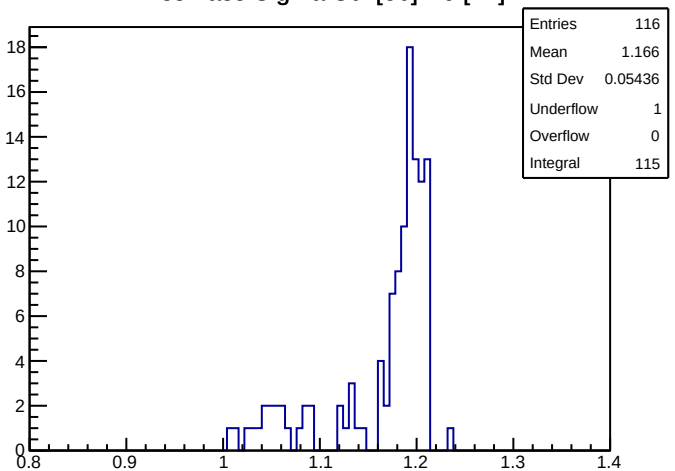

sftx all Sch[36]-Tof[16]
Entries 1158
Mean 122
Std Dev 9.491
Underflow 1
Overflow 0
Integral 1157

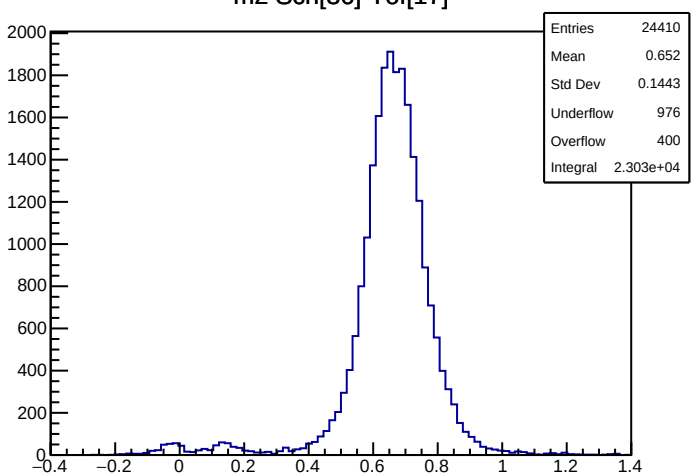

MissMass Sigma Sch[36]-Tof[16]
Entries 1275
Mean 1.195
Std Dev 0.03781
Underflow 3
Overflow 0
Integral 1272

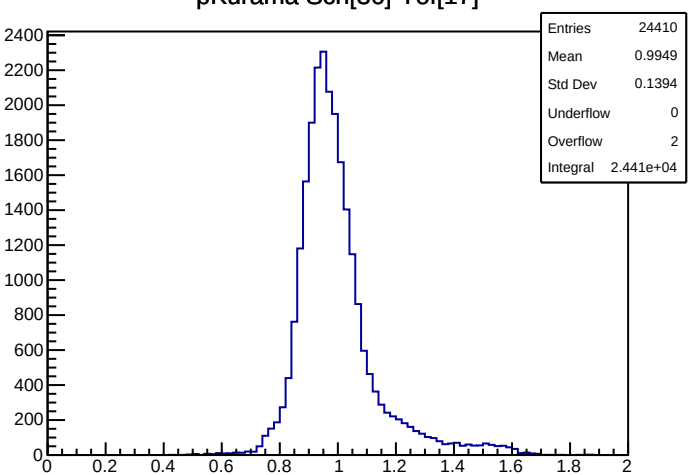

m2 Sch[36]-Tof[16]
Entries 39384
Mean 0.8017
Std Dev 0.2156
Underflow 448
Overflow 553
Integral 3.838e+04

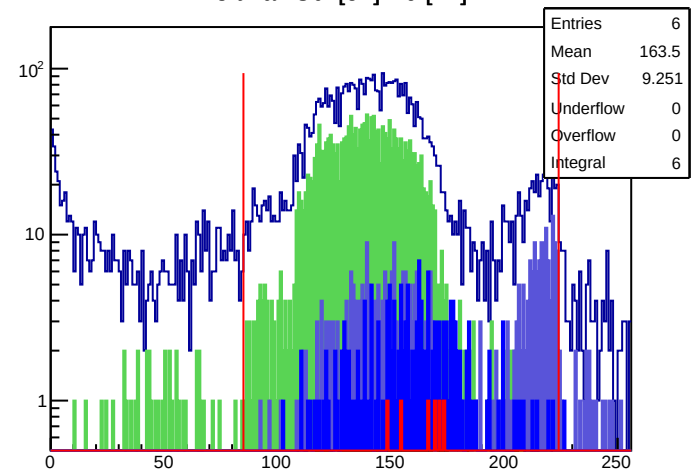

pKurama Sch[36]-Tof[16]
Entries 39384
Mean 0.948
Std Dev 0.1057
Underflow 0
Overflow 4
Integral 3.938e+04

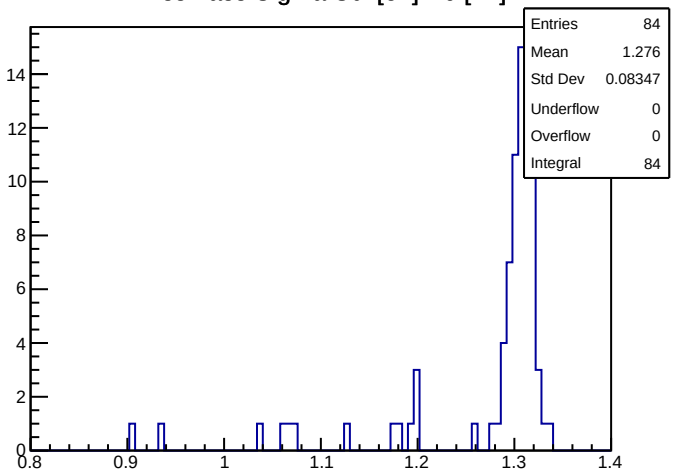

sftx all Sch[36]-Tof[17]
Entries 91
Mean 111.9
Std Dev 8.41
Underflow 0
Overflow 0
Integral 91

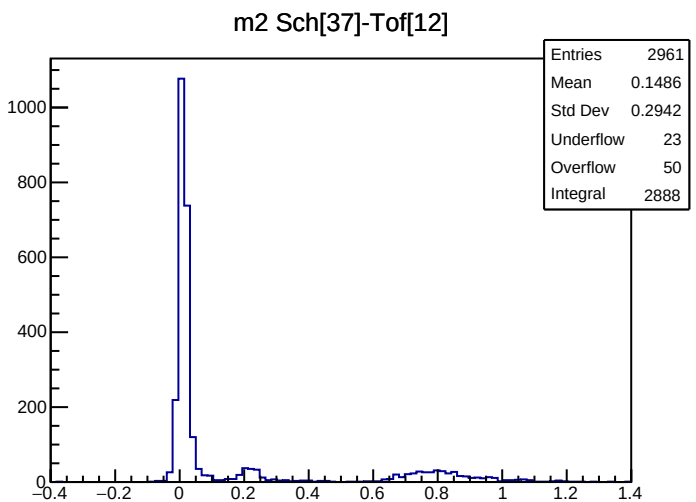

MissMass Sigma Sch[36]-Tof[17]
Entries 116
Mean 1.166
Std Dev 0.05436
Underflow 1
Overflow 0
Integral 115

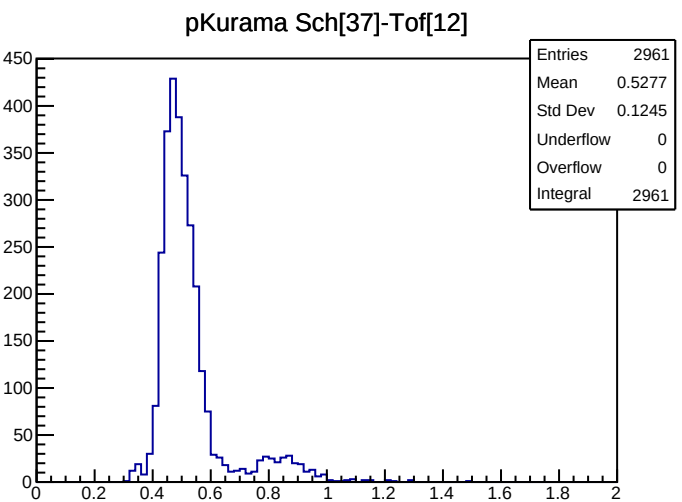

m2 Sch[36]-Tof[17]
Entries 24410
Mean 0.652
Std Dev 0.1443
Underflow 976
Overflow 400
Integral 2.303e+04

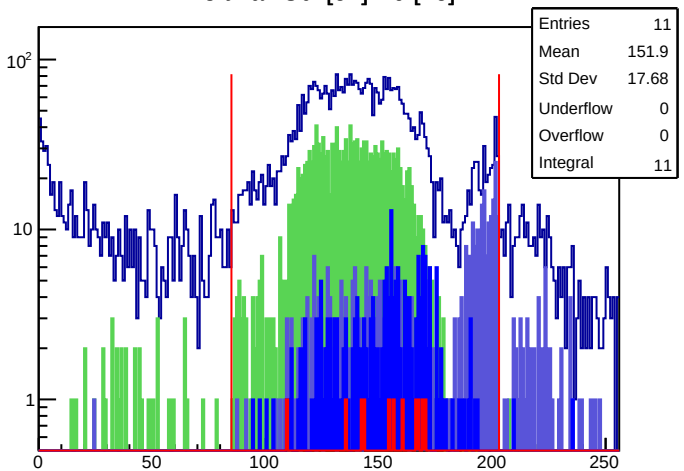

pKurama Sch[36]-Tof[17]
Entries 24410
Mean 0.9949
Std Dev 0.1394
Underflow 0
Overflow 2
Integral 2.441e+04

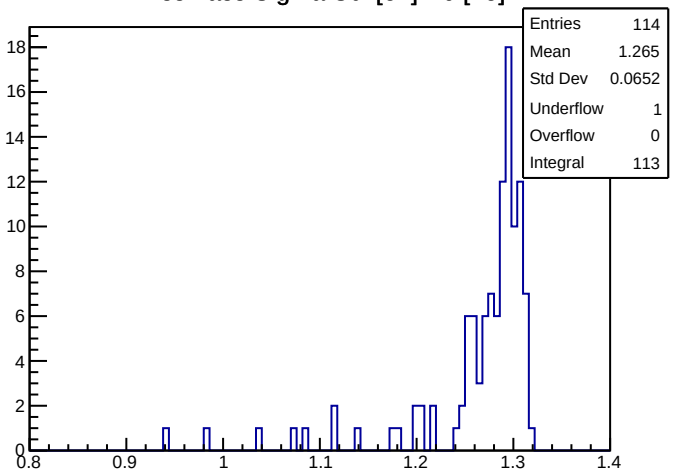

sftx all Sch[37]-Tof[12]
Entries 6
Mean 163.5
Std Dev 9.251
Underflow 0
Overflow 0
Integral 6

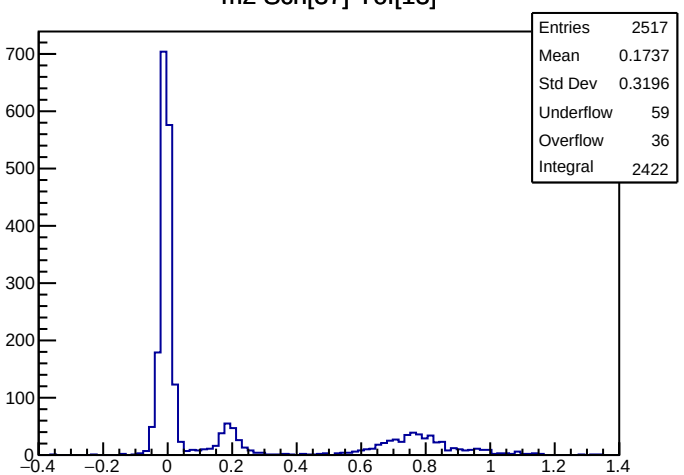

MissMass Sigma Sch[37]-Tof[12]
Entries 84
Mean 1.276
Std Dev 0.08347
Underflow 0
Overflow 0
Integral 84

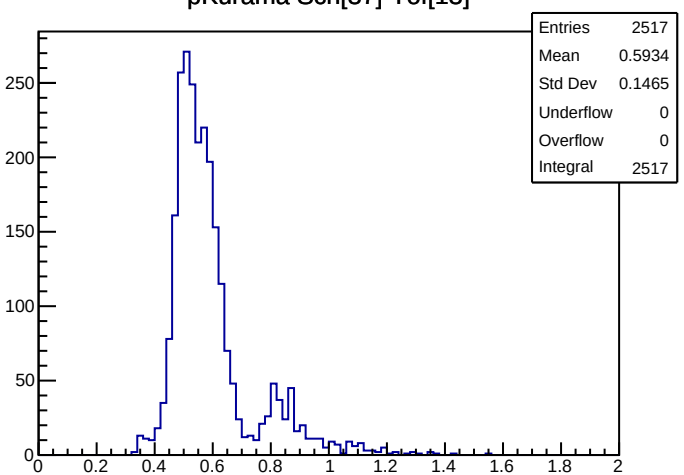

m2 Sch[37]-Tof[12]
Entries 2961
Mean 0.1486
Std Dev 0.2942
Underflow 23
Overflow 50
Integral 2888

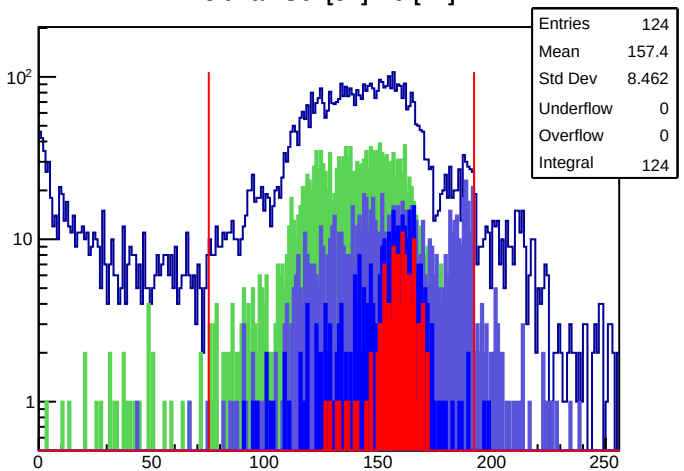

pKurama Sch[37]-Tof[12]
Entries 2961
Mean 0.5277
Std Dev 0.1245
Underflow 0
Overflow 0
Integral 2961

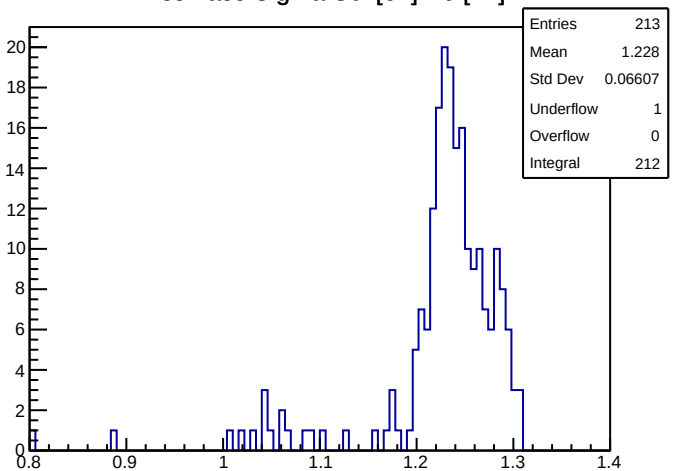

sftx all Sch[37]-Tof[13]
Entries 11
Mean 151.9
Std Dev 17.68
Underflow 0
Overflow 0
Integral 11

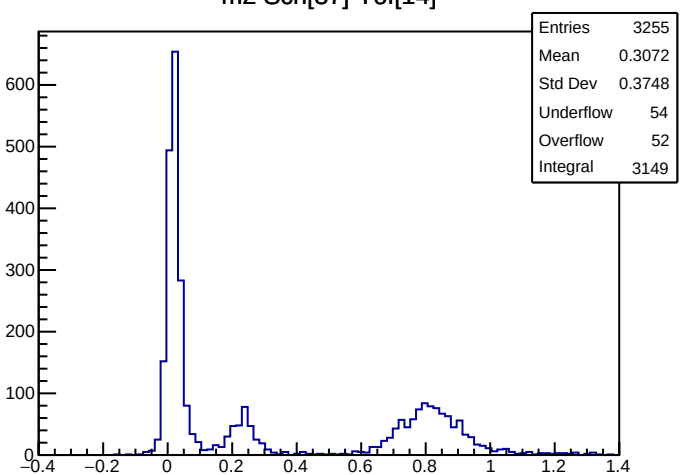

MissMass Sigma Sch[37]-Tof[13]
Entries 114
Mean 1.265
Std Dev 0.0652
Underflow 1
Overflow 0
Integral 113

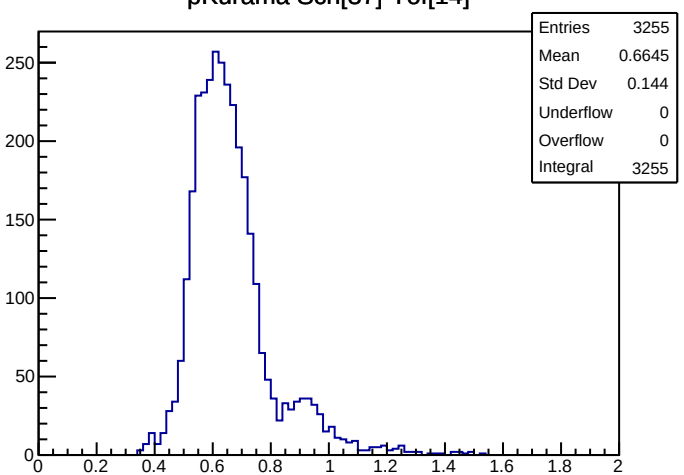

m2 Sch[37]-Tof[13]
Entries 2517
Mean 0.1737
Std Dev 0.3196
Underflow 59
Overflow 36
Integral 2422

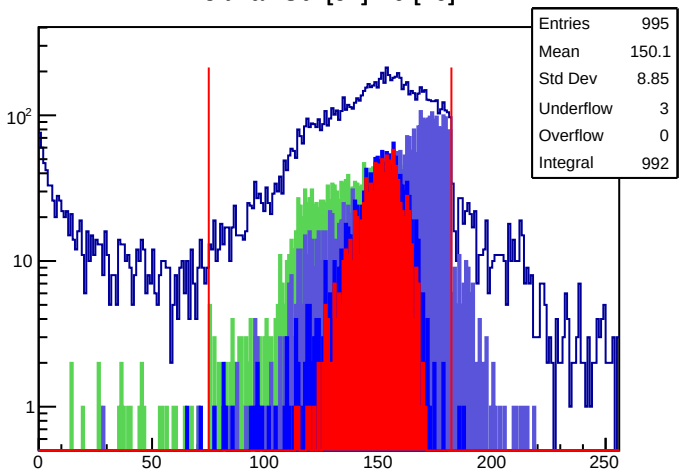

pKurama Sch[37]-Tof[13]
Entries 2517
Mean 0.5934
Std Dev 0.1465
Underflow 0
Overflow 0
Integral 2517

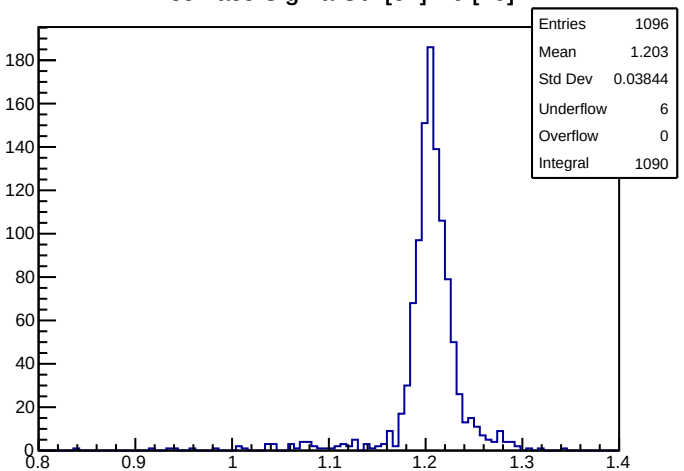

sftx all Sch[37]-Tof[14]
Entries 124
Mean 157.4
Std Dev 8.462
Underflow 0
Overflow 0
Integral 124

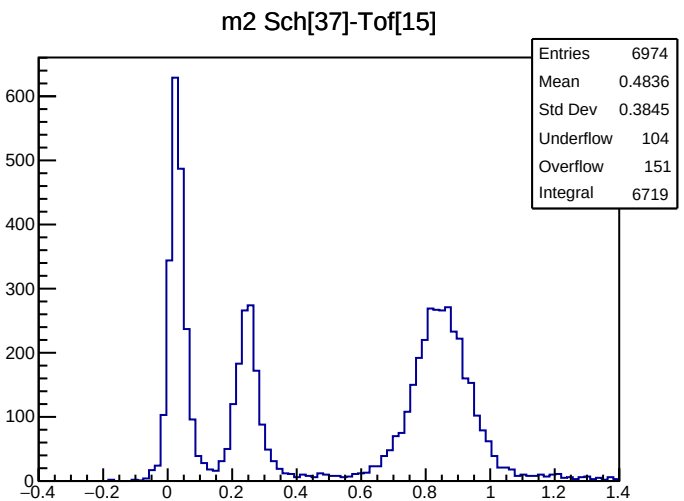

MissMass Sigma Sch[37]-Tof[14]
Entries 213
Mean 1.228
Std Dev 0.06607
Underflow 1
Overflow 0
Integral 212

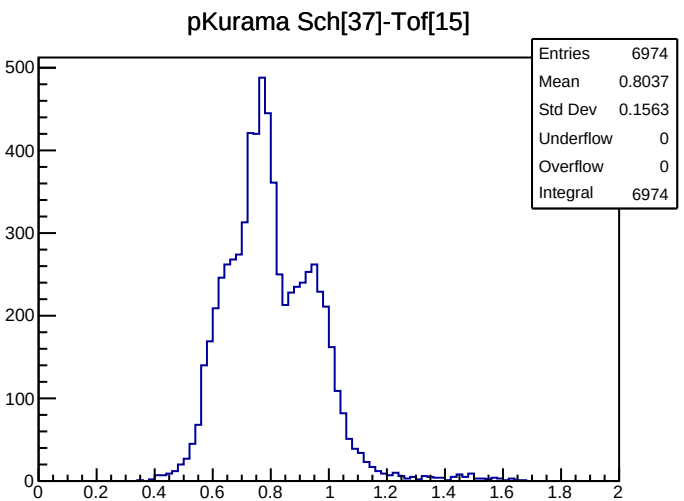

m2 Sch[37]-Tof[14]
Entries 3255
Mean 0.3072
Std Dev 0.3748
Underflow 54
Overflow 52
Integral 3149

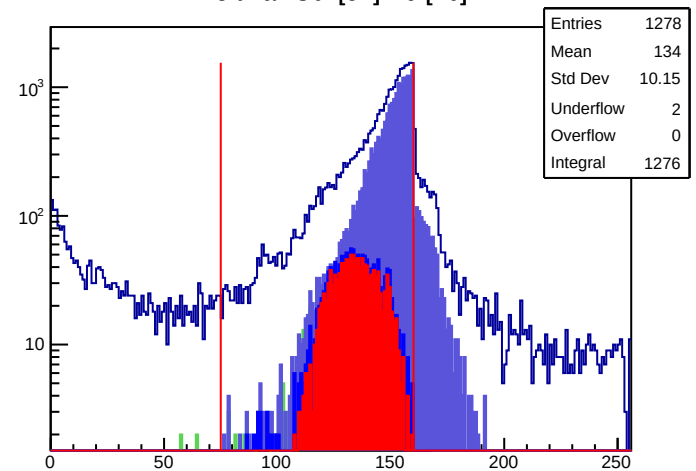

pKurama Sch[37]-Tof[14]
Entries 3255
Mean 0.6645
Std Dev 0.144
Underflow 0
Overflow 0
Integral 3255

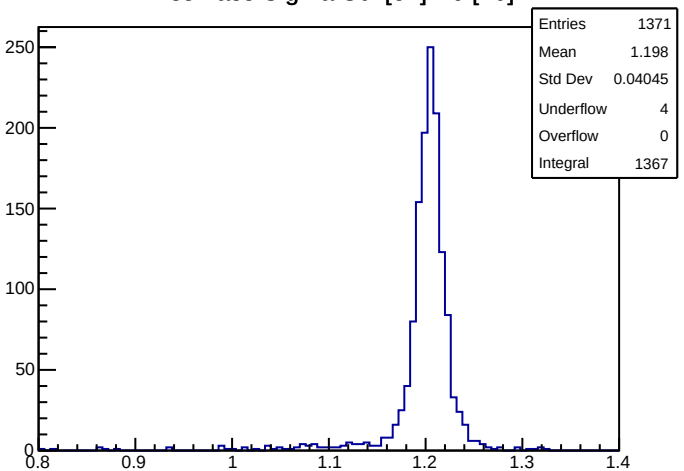

sftx all Sch[37]-Tof[15]
Entries 995
Mean 150.1
Std Dev 8.85
Underflow 3
Overflow 0
Integral 992

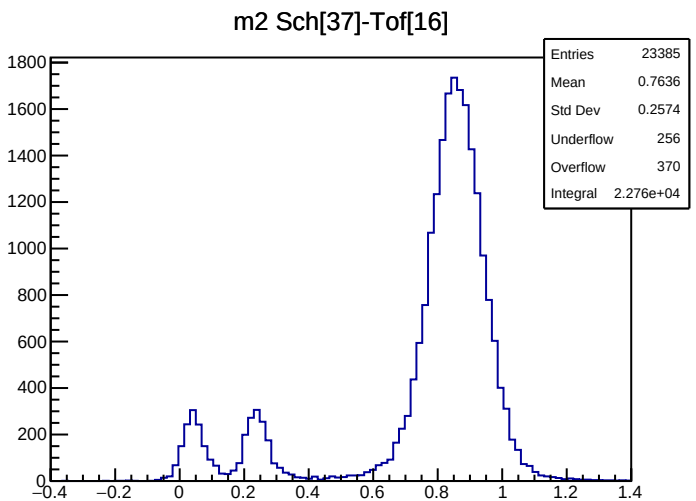

MissMass Sigma Sch[37]-Tof[15]
Entries 1096
Mean 1.203
Std Dev 0.03844
Underflow 6
Overflow 0
Integral 1090

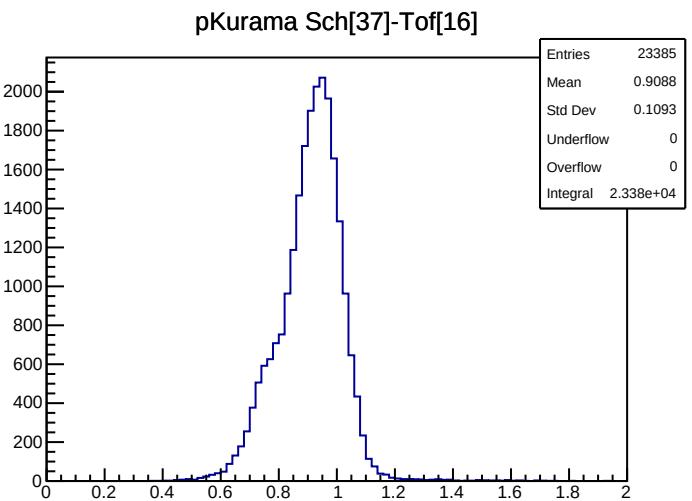

m2 Sch[37]-Tof[15]
Entries 6974
Mean 0.4836
Std Dev 0.3845
Underflow 104
Overflow 151
Integral 6719

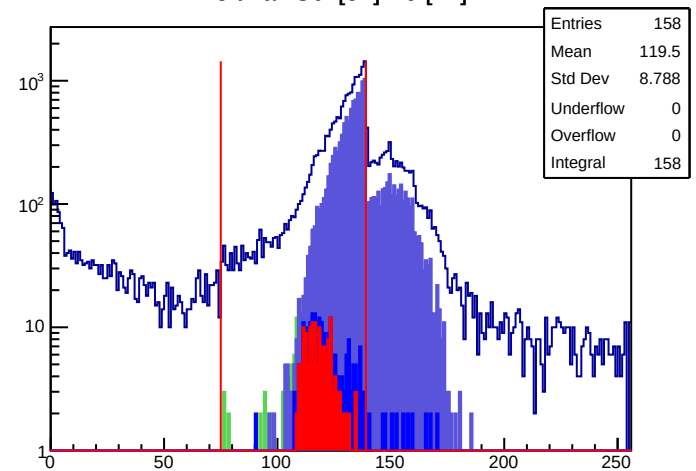

pKurama Sch[37]-Tof[15]
Entries 6974
Mean 0.8037
Std Dev 0.1563
Underflow 0
Overflow 0
Integral 6974

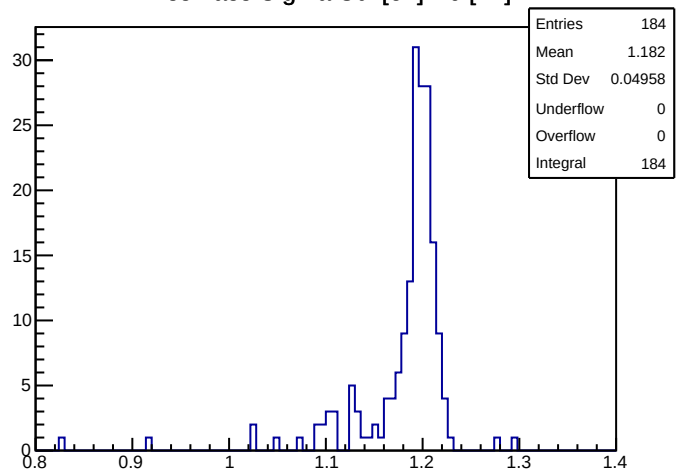

sftx all Sch[37]-Tof[16]
Entries 1278
Mean 134
Std Dev 10.15
Underflow 2
Overflow 0
Integral 1276

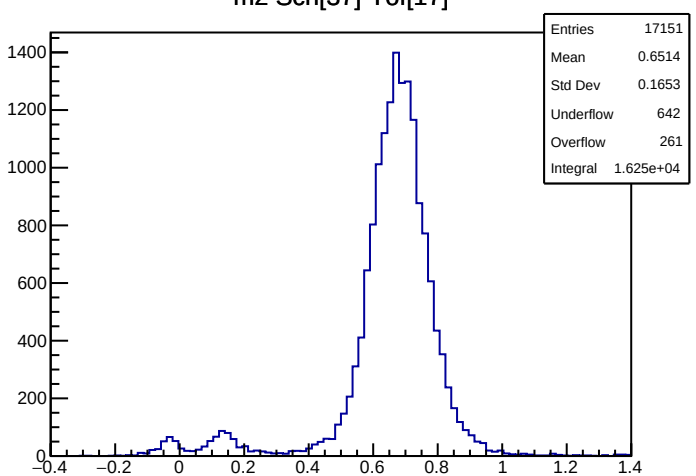

MissMass Sigma Sch[37]-Tof[16]
Entries 1371
Mean 1.198
Std Dev 0.04045
Underflow 4
Overflow 0
Integral 1367

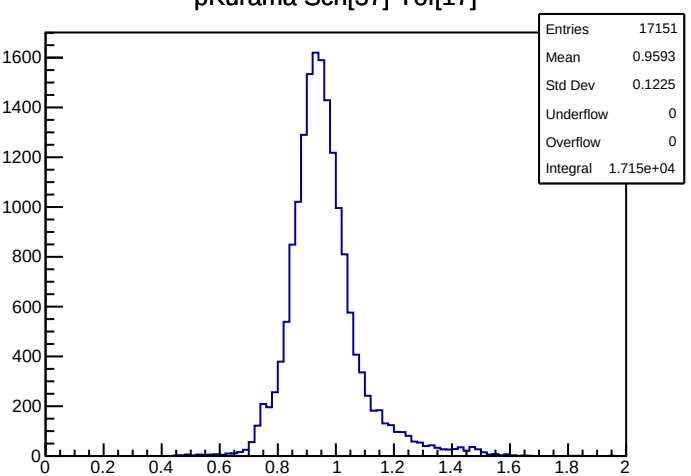

m2 Sch[37]-Tof[16]
Entries 23385
Mean 0.7636
Std Dev 0.2574
Underflow 256
Overflow 370
Integral 2.276e+04

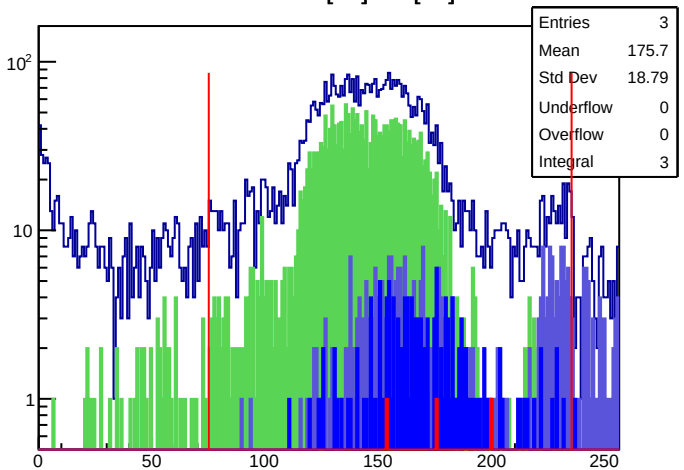

pKurama Sch[37]-Tof[16]
Entries 23385
Mean 0.9088
Std Dev 0.1093
Underflow 0
Overflow 0
Integral 2.338e+04

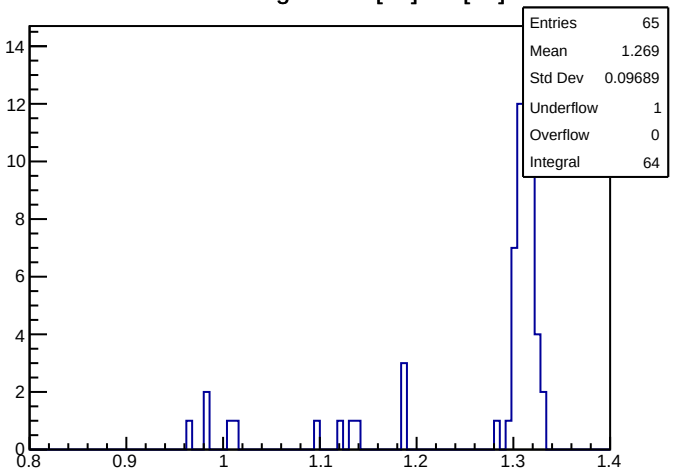

sftx all Sch[37]-Tof[17]
Entries 158
Mean 119.5
Std Dev 8.788
Underflow 0
Overflow 0
Integral 158

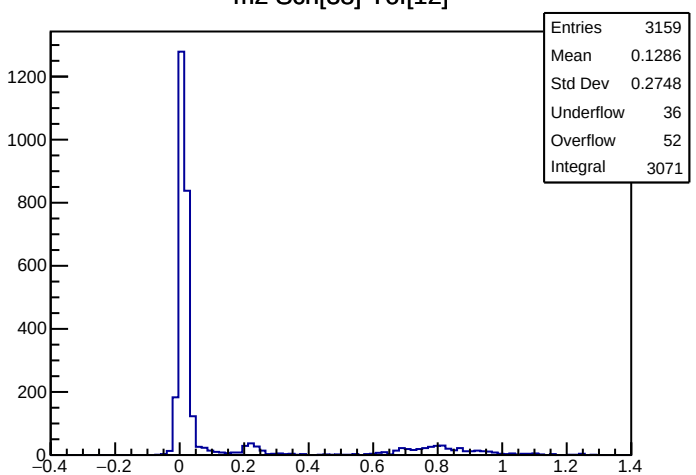

MissMass Sigma Sch[37]-Tof[17]
Entries 184
Mean 1.182
Std Dev 0.04958
Underflow 0
Overflow 0
Integral 184

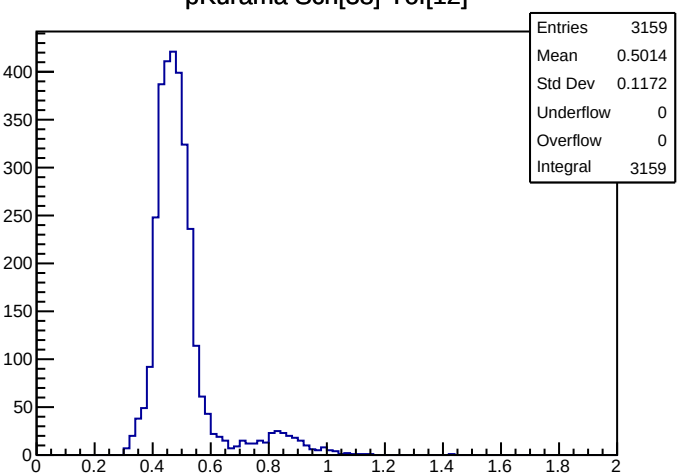

m2 Sch[37]-Tof[17]
Entries 17151
Mean 0.6514
Std Dev 0.1653
Underflow 642
Overflow 261
Integral 1.625e+04

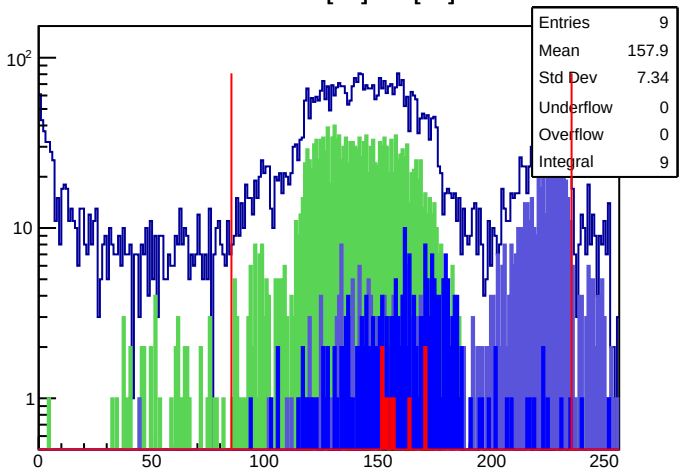

pKurama Sch[37]-Tof[17]
Entries 17151
Mean 0.9593
Std Dev 0.1225
Underflow 0
Overflow 0
Integral 1.715e+04

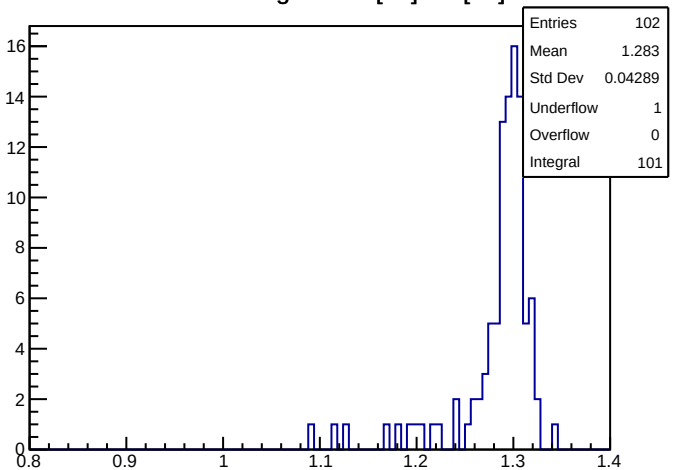

sftx all Sch[38]-Tof[12]
Entries 3
Mean 175.7
Std Dev 18.79
Underflow 0
Overflow 0
Integral 3

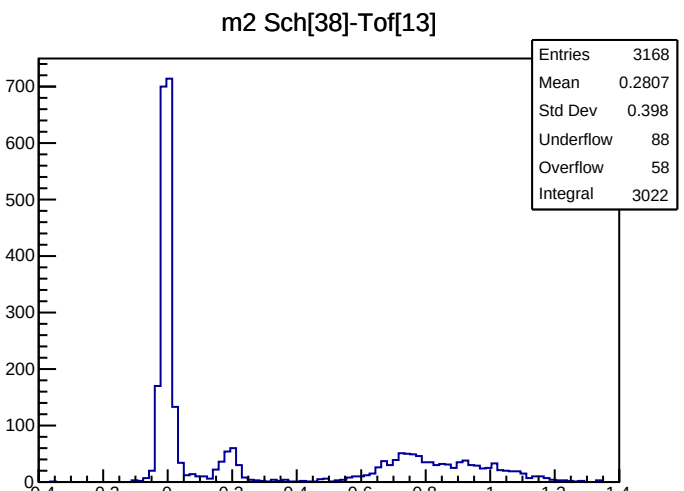

MissMass Sigma Sch[38]-Tof[12]
Entries 65
Mean 1.269
Std Dev 0.09689
Underflow 1
Overflow 0
Integral 64

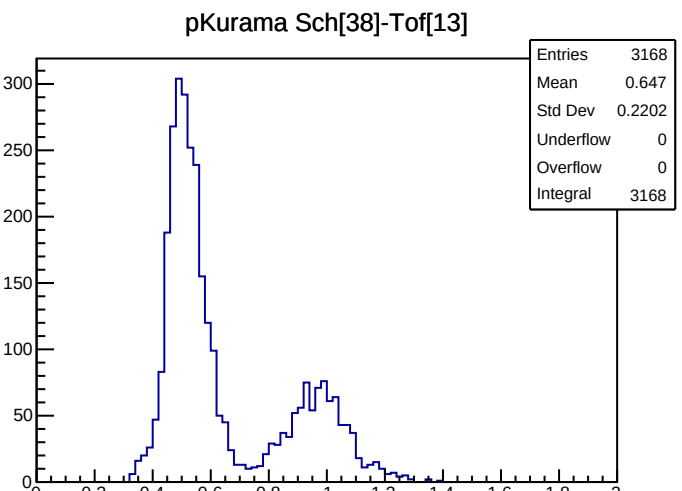

m2 Sch[38]-Tof[12]
Entries 3159
Mean 0.1286
Std Dev 0.2748
Underflow 36
Overflow 52
Integral 3071

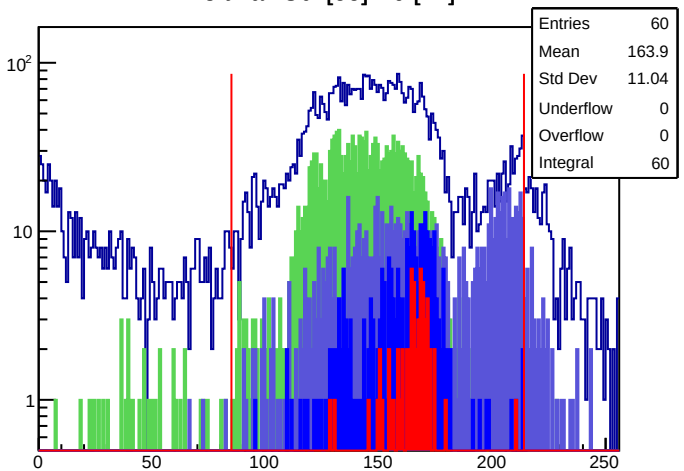

pKurama Sch[38]-Tof[12]
Entries 3159
Mean 0.5014
Std Dev 0.1172
Underflow 0
Overflow 0
Integral 3159

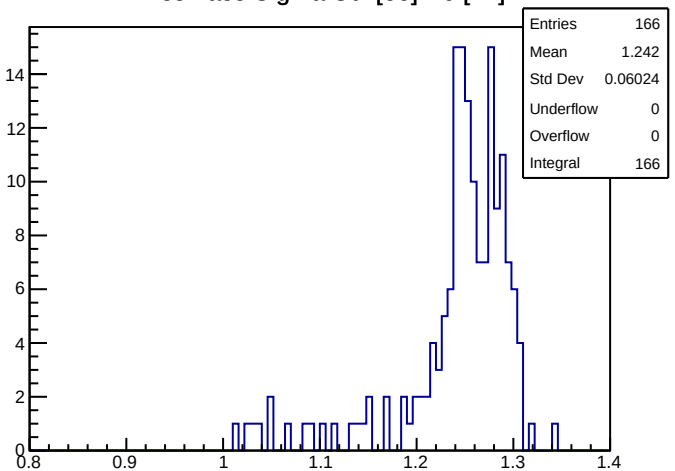

sftx all Sch[38]-Tof[13]
Entries 9
Mean 157.9
Std Dev 7.34
Underflow 0
Overflow 0
Integral 9

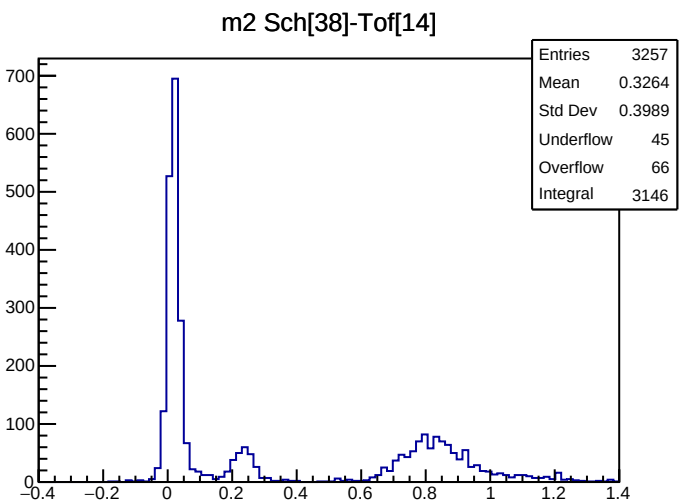

MissMass Sigma Sch[38]-Tof[13]
Entries 102
Mean 1.283
Std Dev 0.04289
Underflow 1
Overflow 0
Integral 101

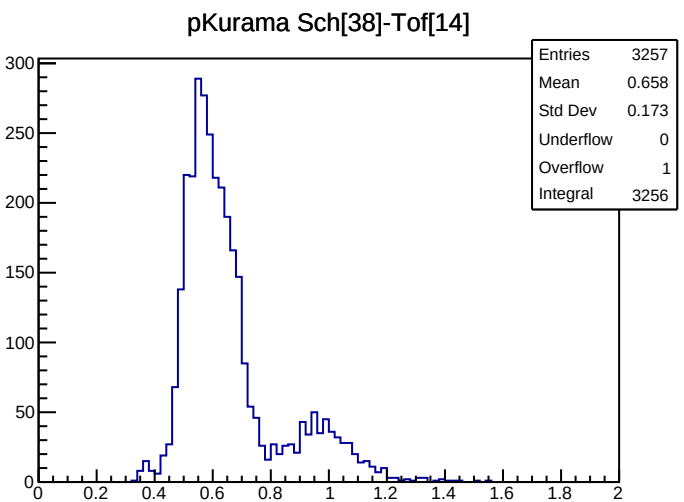

m2 Sch[38]-Tof[13]
Entries 3168
Mean 0.2807
Std Dev 0.398
Underflow 88
Overflow 58
Integral 3022

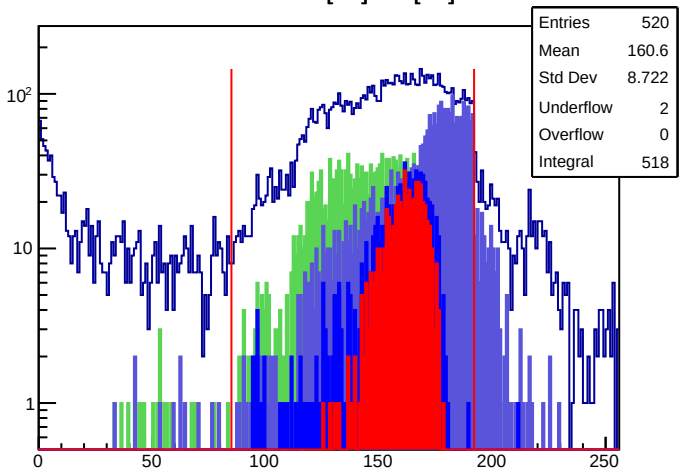

pKurama Sch[38]-Tof[13]
Entries 3168
Mean 0.647
Std Dev 0.2202
Underflow 0
Overflow 0
Integral 3168

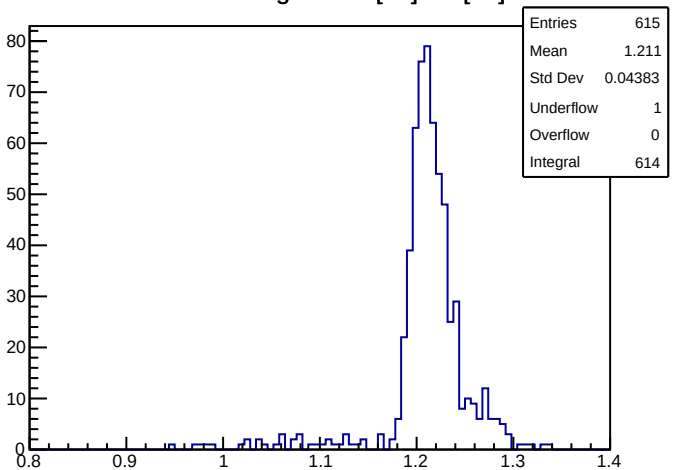

sftx all Sch[38]-Tof[14]
Entries 60
Mean 163.9
Std Dev 11.04
Underflow 0
Overflow 0
Integral 60

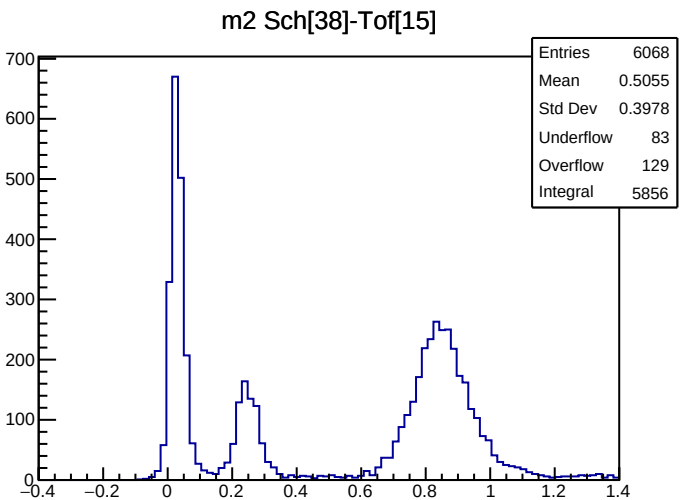

MissMass Sigma Sch[38]-Tof[14]
Entries 166
Mean 1.242
Std Dev 0.06024
Underflow 0
Overflow 0
Integral 166

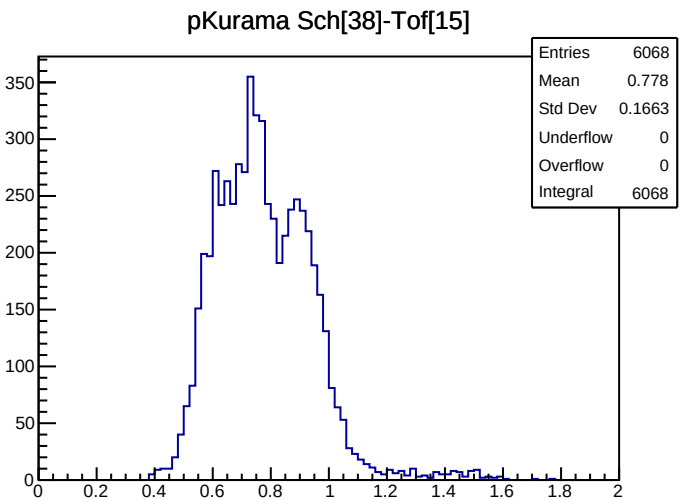

m2 Sch[38]-Tof[14]
Entries 3257
Mean 0.3264
Std Dev 0.3989
Underflow 45
Overflow 66
Integral 3146

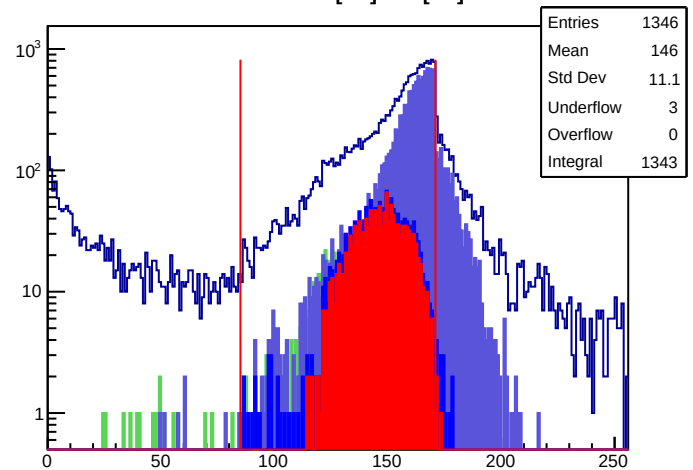

pKurama Sch[38]-Tof[14]
Entries 3257
Mean 0.658
Std Dev 0.173
Underflow 0
Overflow 1
Integral 3256

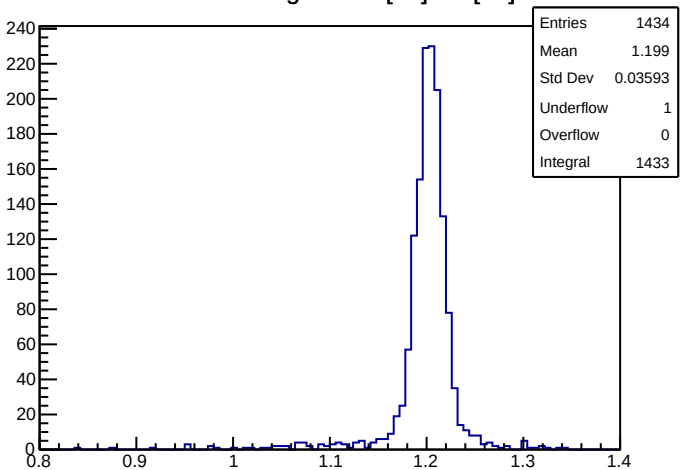

sftx all Sch[38]-Tof[15]
Entries 520
Mean 160.6
Std Dev 8.722
Underflow 2
Overflow 0
Integral 518

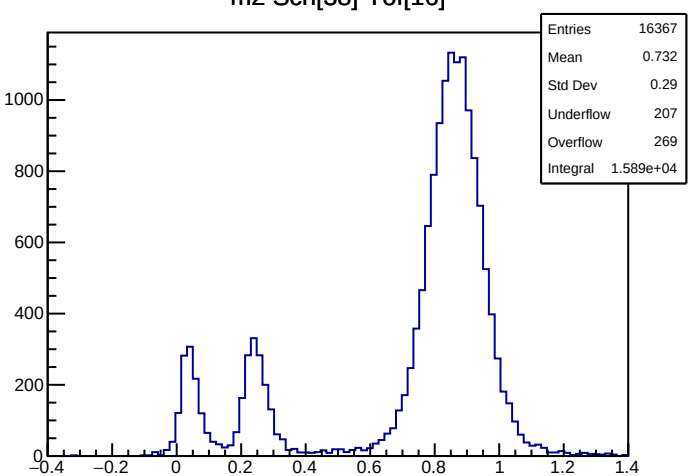

MissMass Sigma Sch[38]-Tof[15]
Entries 615
Mean 1.211
Std Dev 0.04383
Underflow 1
Overflow 0
Integral 614

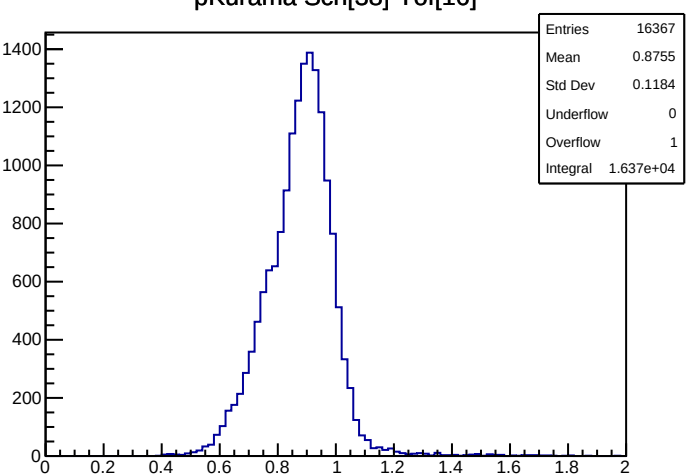

m2 Sch[38]-Tof[15]
Entries 6068
Mean 0.5055
Std Dev 0.3978
Underflow 83
Overflow 129
Integral 5856

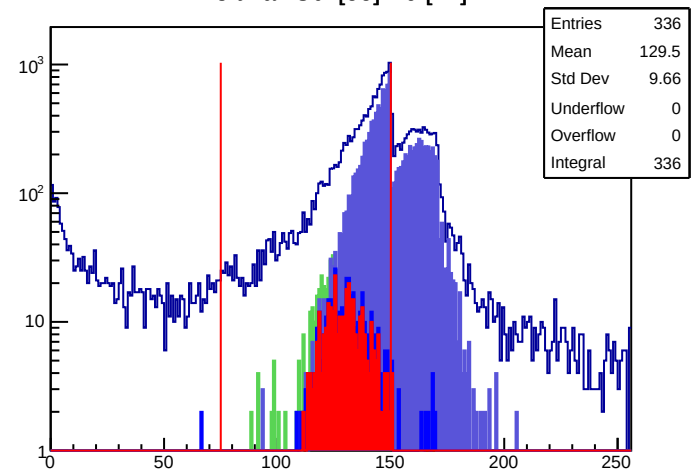

pKurama Sch[38]-Tof[15]
Entries 6068
Mean 0.778
Std Dev 0.1663
Underflow 0
Overflow 0
Integral 6068

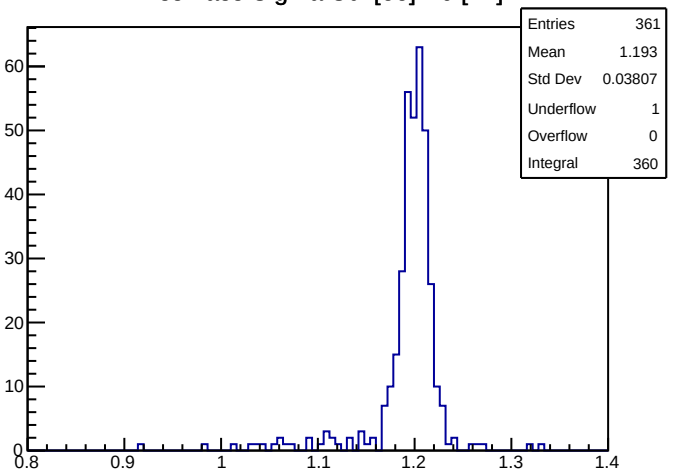

sftx all Sch[38]-Tof[16]
Entries 1346
Mean 146
Std Dev 11.1
Underflow 3
Overflow 0
Integral 1343

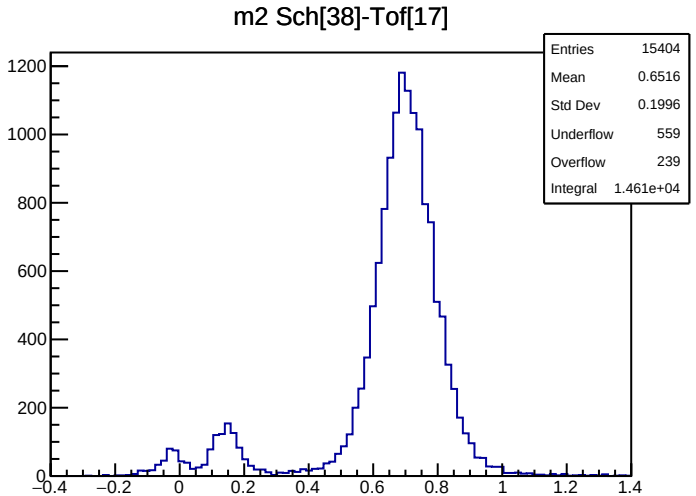

MissMass Sigma Sch[38]-Tof[16]
Entries 1434
Mean 1.199
Std Dev 0.03593
Underflow 1
Overflow 0
Integral 1433

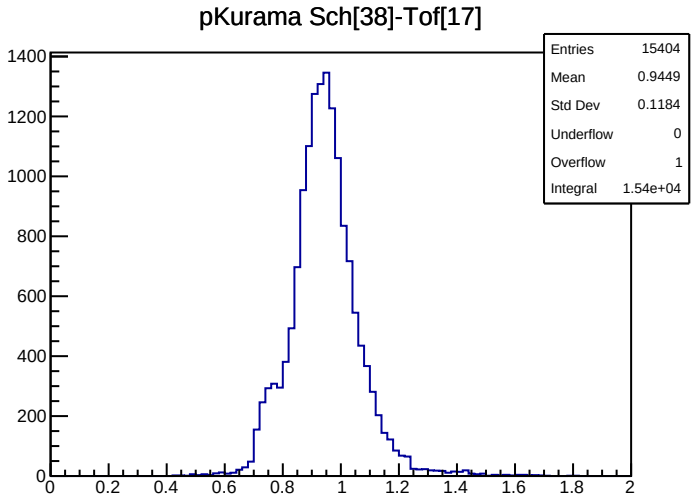

m2 Sch[38]-Tof[16]
Entries 16367
Mean 0.732
Std Dev 0.29
Underflow 207
Overflow 269
Integral 1.589e+04

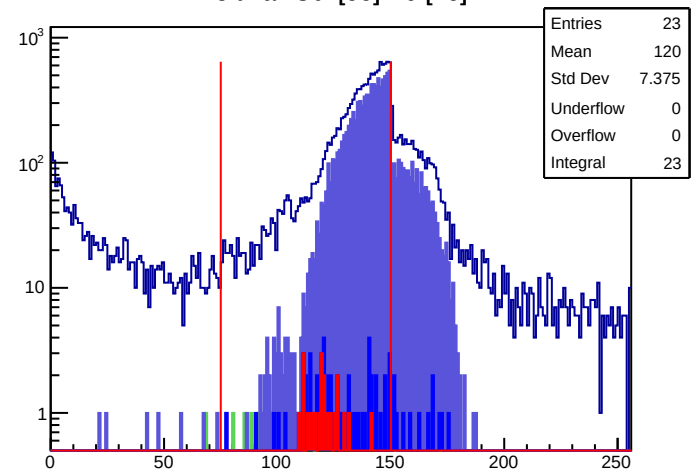

pKurama Sch[38]-Tof[16]
Entries 16367
Mean 0.8755
Std Dev 0.1184
Underflow 0
Overflow 1
Integral 1.637e+04

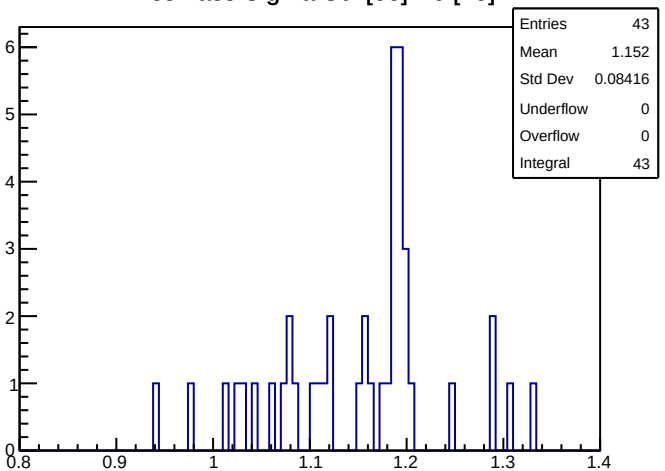

sftx all Sch[38]-Tof[17]
Entries 336
Mean 129.5
Std Dev 9.66
Underflow 0
Overflow 0
Integral 336

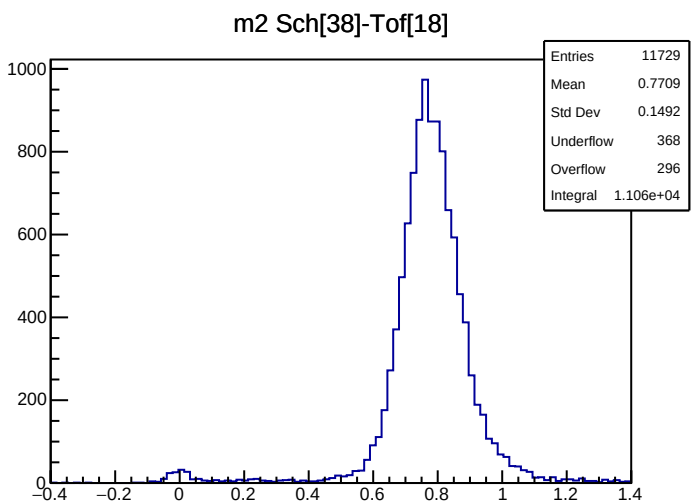

MissMass Sigma Sch[38]-Tof[17]
Entries 361
Mean 1.193
Std Dev 0.03807
Underflow 1
Overflow 0
Integral 360

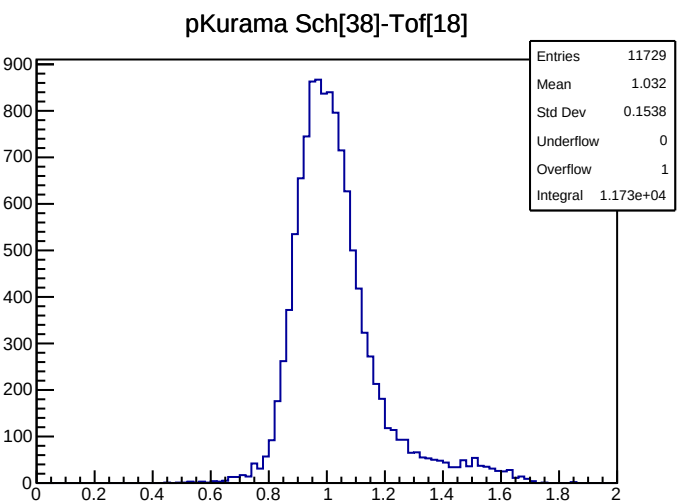

m2 Sch[38]-Tof[17]
Entries 15404
Mean 0.6516
Std Dev 0.1996
Underflow 559
Overflow 239
Integral 1.461e+04

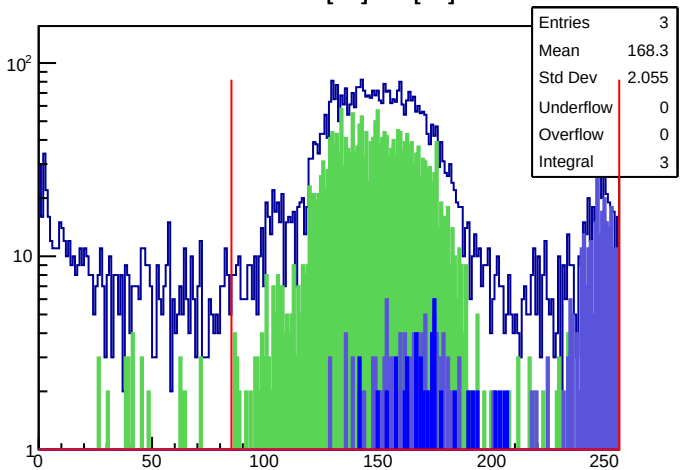

pKurama Sch[38]-Tof[17]
Entries 15404
Mean 0.9449
Std Dev 0.1184
Underflow 0
Overflow 1
Integral 1.54e+04

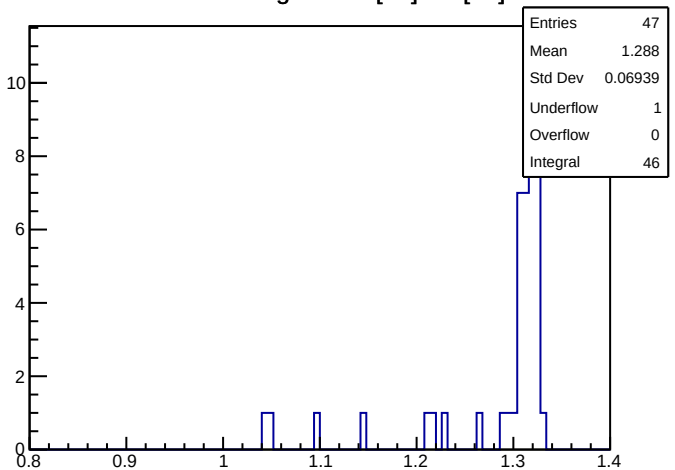

sftx all Sch[38]-Tof[18]
Entries 23
Mean 120
Std Dev 7.375
Underflow 0
Overflow 0
Integral 23

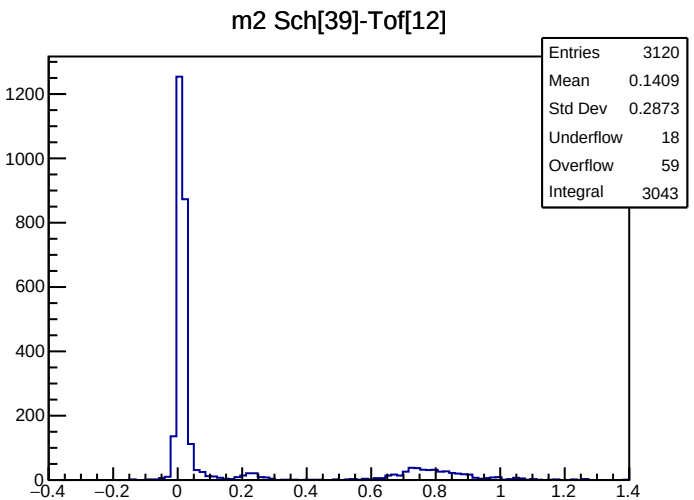

MissMass Sigma Sch[38]-Tof[18]
Entries 43
Mean 1.152
Std Dev 0.08416
Underflow 0
Overflow 0
Integral 43

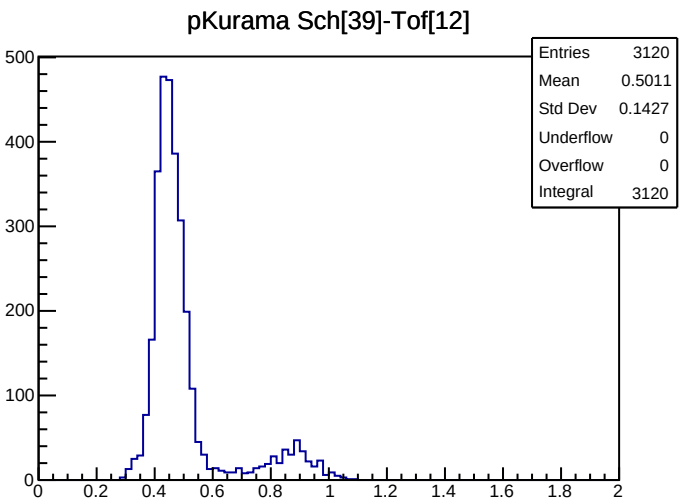

m2 Sch[38]-Tof[18]
Entries 11729
Mean 0.7709
Std Dev 0.1492
Underflow 368
Overflow 296
Integral 1.106e+04

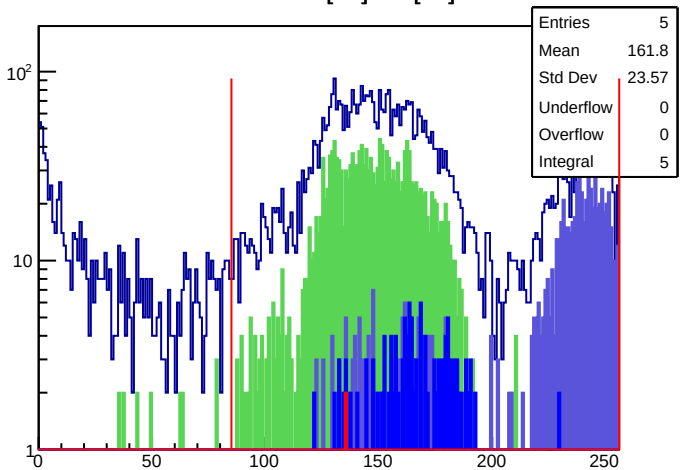

pKurama Sch[38]-Tof[18]
Entries 11729
Mean 1.032
Std Dev 0.1538
Underflow 0
Overflow 1
Integral 1.173e+04

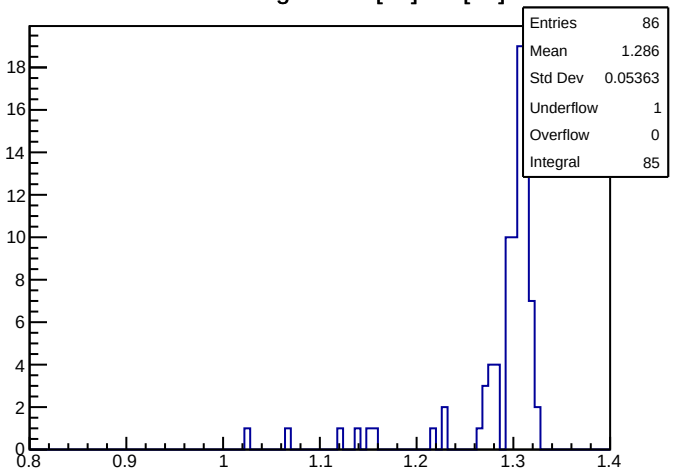

sftx all Sch[39]-Tof[12]
Entries 3
Mean 168.3
Std Dev 2.055
Underflow 0
Overflow 0
Integral 3
10^2
10
1
0
50
100
150
200
250

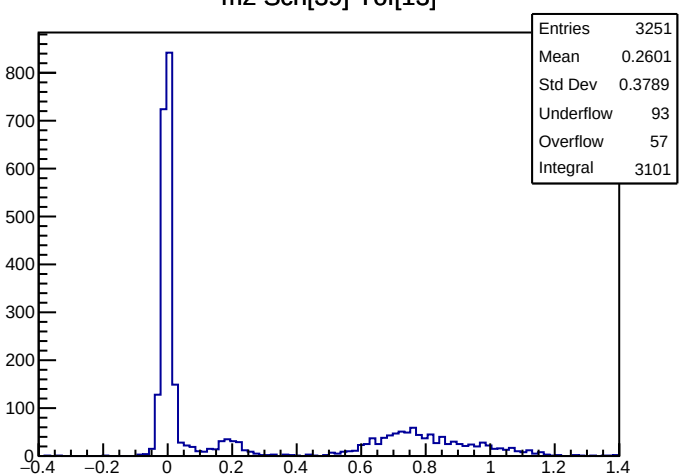

MissMass Sigma Sch[39]-Tof[12]
Entries 47
Mean 1.288
Std Dev 0.06939
Underflow 1
Overflow 0
Integral 46
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

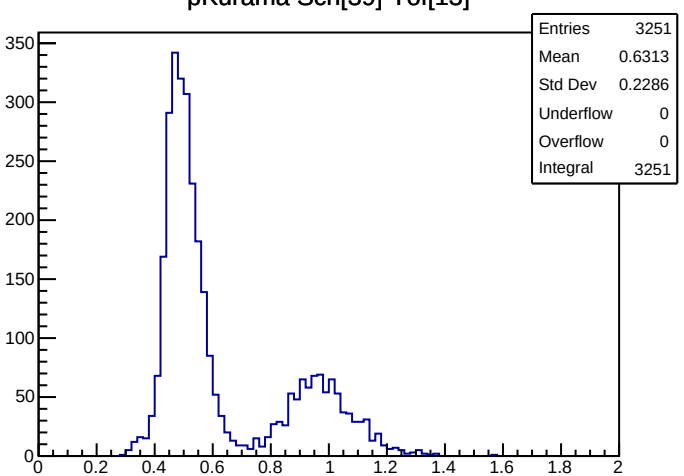

m2 Sch[39]-Tof[12]
Entries 3120
Mean 0.1409
Std Dev 0.2873
Underflow 18
Overflow 59
Integral 3043
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

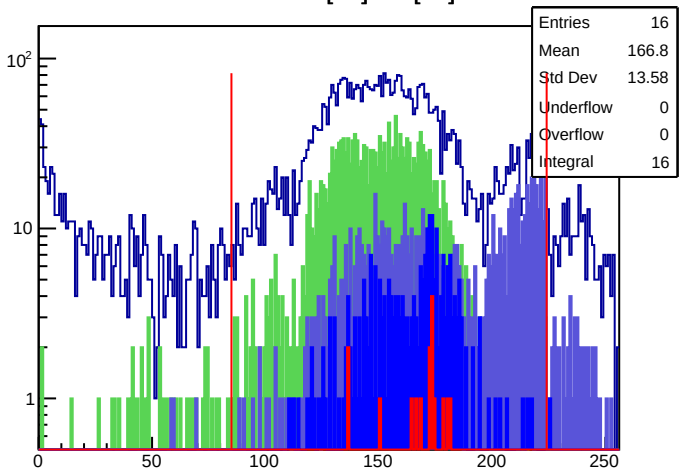

pKurama Sch[39]-Tof[12]
Entries 3120
Mean 0.5011
Std Dev 0.1427
Underflow 0
Overflow 0
Integral 3120
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

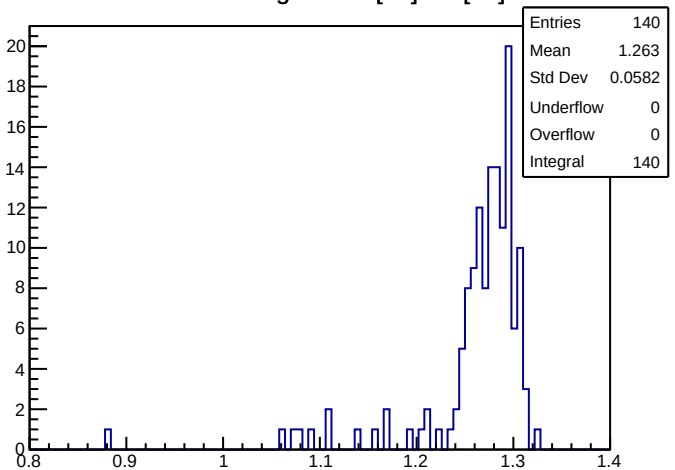

sftx all Sch[39]-Tof[13]
Entries 5
Mean 161.8
Std Dev 23.57
Underflow 0
Overflow 0
Integral 5
10^2
10
1
0
50
100
150
200
250

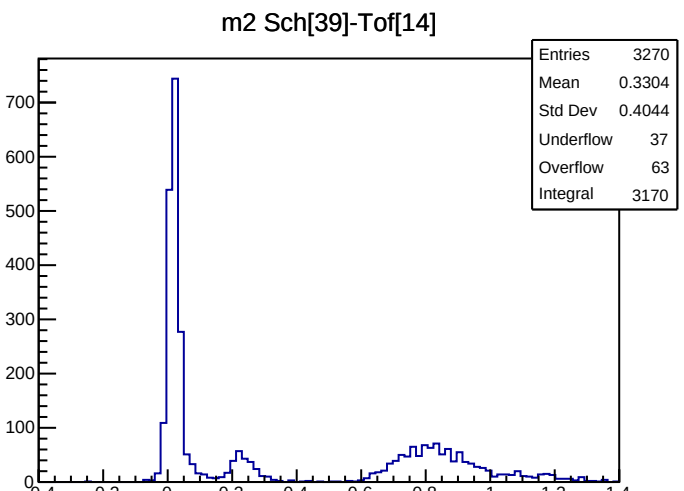

MissMass Sigma Sch[39]-Tof[13]
Entries 86
Mean 1.286
Std Dev 0.05363
Underflow 1
Overflow 0
Integral 85
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

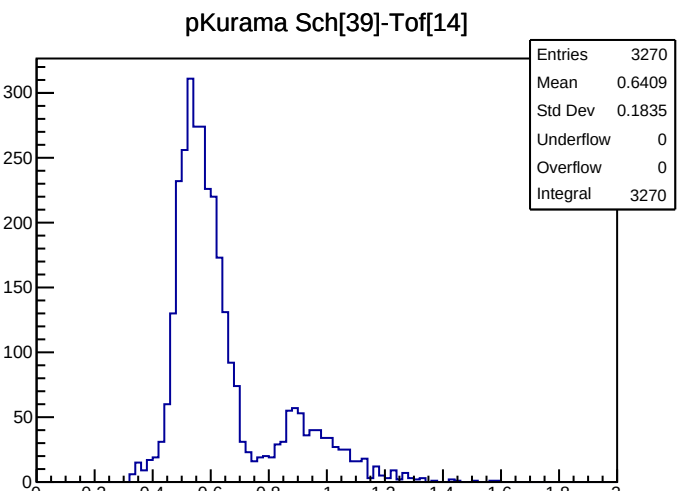

m2 Sch[39]-Tof[13]
Entries 3251
Mean 0.2601
Std Dev 0.3789
Underflow 93
Overflow 57
Integral 3101
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

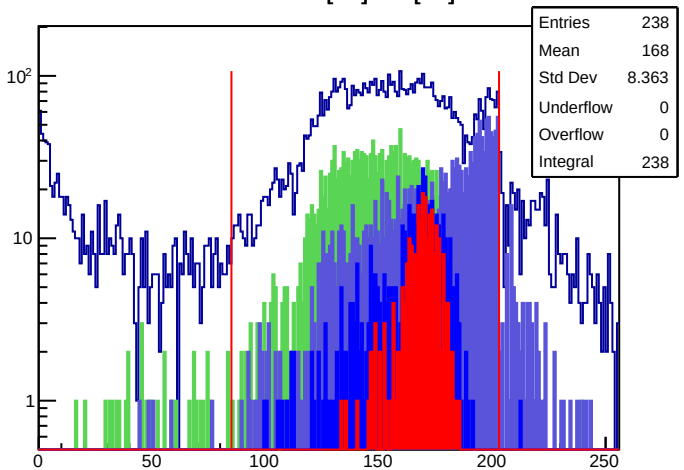

pKurama Sch[39]-Tof[13]
Entries 3251
Mean 0.6313
Std Dev 0.2286
Underflow 0
Overflow 0
Integral 3251
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

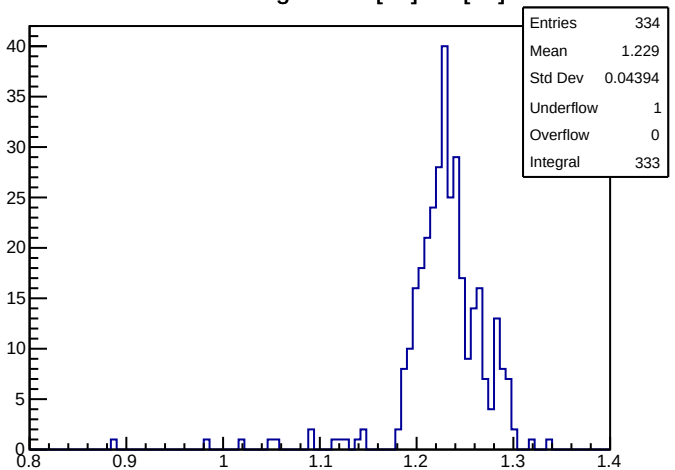

sftx all Sch[39]-Tof[14]
Entries 16
Mean 166.8
Std Dev 13.58
Underflow 0
Overflow 0
Integral 16

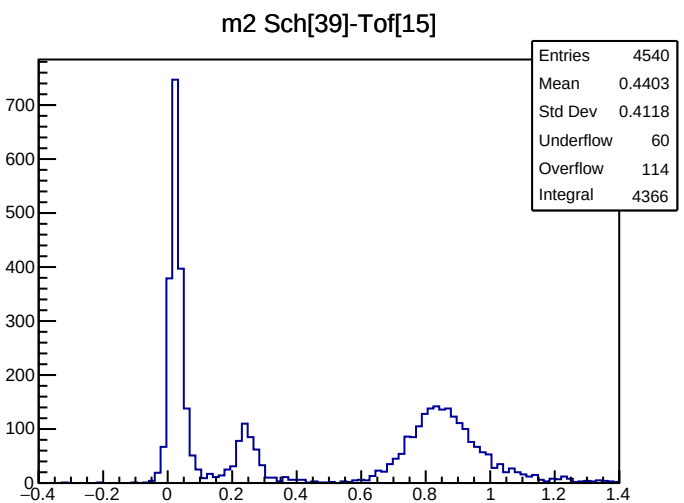

MissMass Sigma Sch[39]-Tof[14]
Entries 140
Mean 1.263
Std Dev 0.0582
Underflow 0
Overflow 0
Integral 140

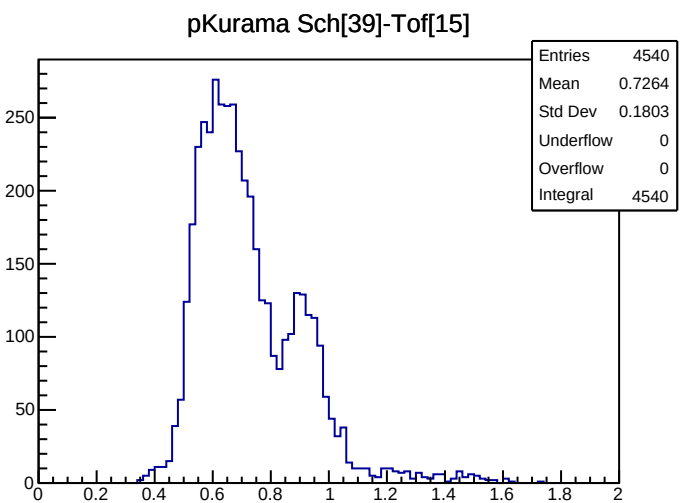

m2 Sch[39]-Tof[14]
Entries 3270
Mean 0.3304
Std Dev 0.4044
Underflow 37
Overflow 63
Integral 3170

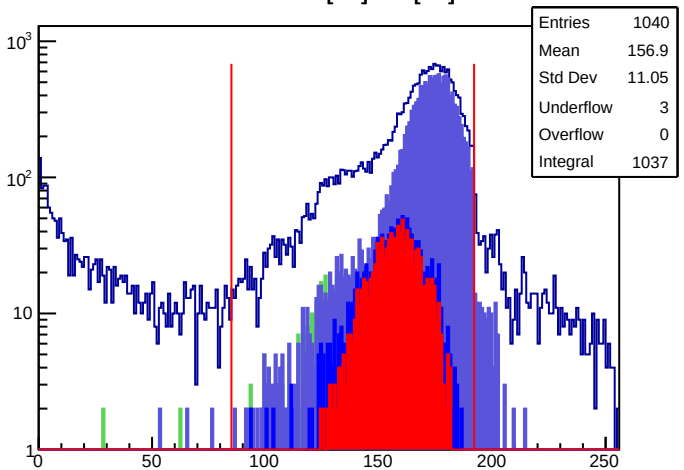

pKurama Sch[39]-Tof[14]
Entries 3270
Mean 0.6409
Std Dev 0.1835
Underflow 0
Overflow 0
Integral 3270

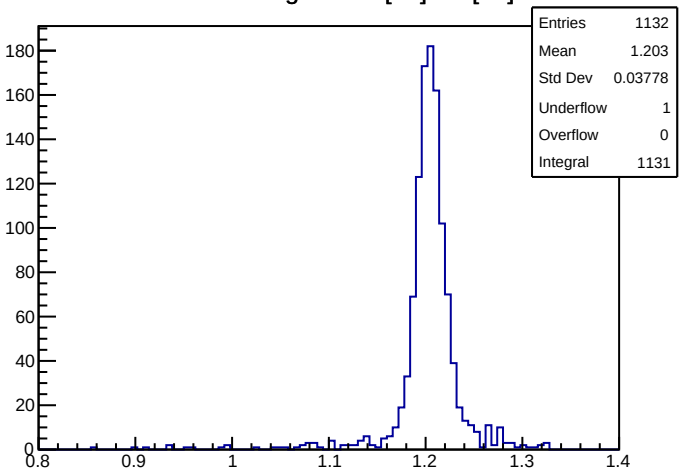

sftx all Sch[39]-Tof[15]
Entries 238
Mean 168
Std Dev 8.363
Underflow 0
Overflow 0
Integral 238

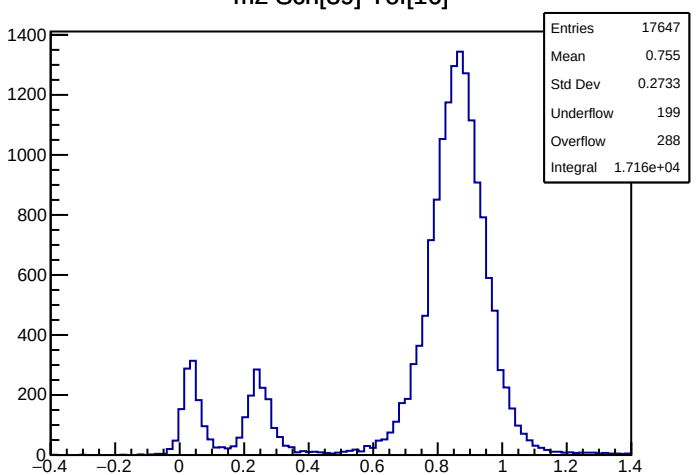

MissMass Sigma Sch[39]-Tof[15]
Entries 334
Mean 1.229
Std Dev 0.04394
Underflow 1
Overflow 0
Integral 333

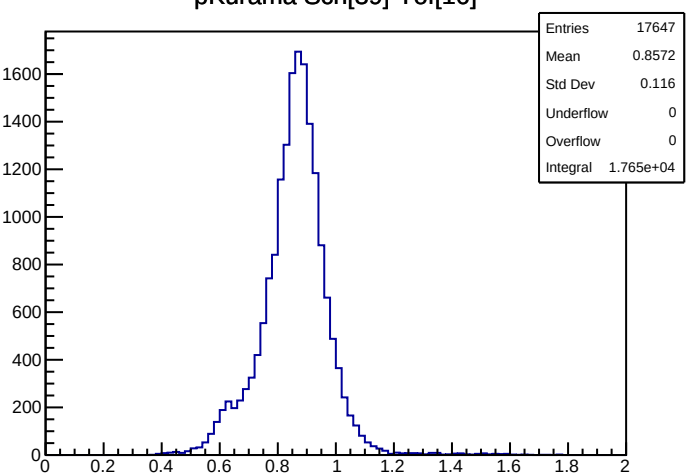

m2 Sch[39]-Tof[15]
Entries 4540
Mean 0.4403
Std Dev 0.4118
Underflow 60
Overflow 114
Integral 4366

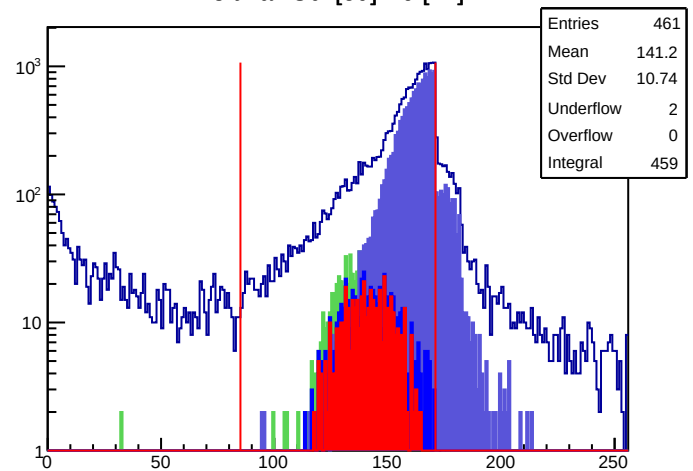

pKurama Sch[39]-Tof[15]
Entries 4540
Mean 0.7264
Std Dev 0.1803
Underflow 0
Overflow 0
Integral 4540

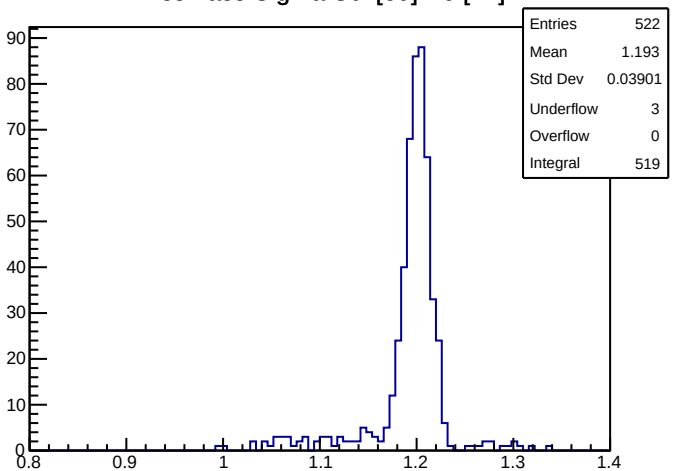

sftx all Sch[39]-Tof[16]
Entries 1040
Mean 156.9
Std Dev 11.05
Underflow 3
Overflow 0
Integral 1037

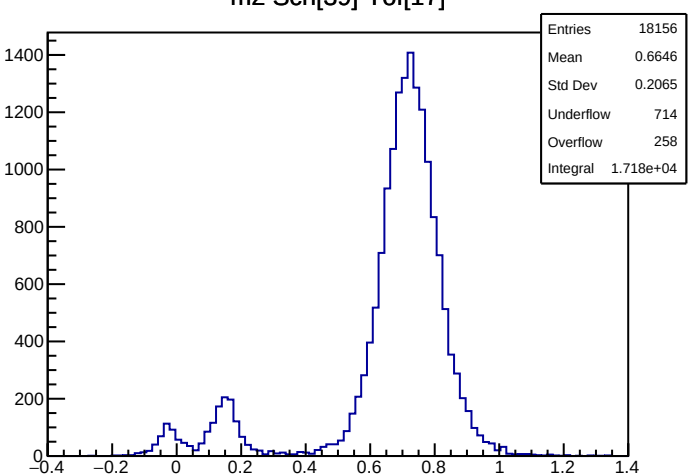

MissMass Sigma Sch[39]-Tof[16]
Entries 1132
Mean 1.203
Std Dev 0.03778
Underflow 1
Overflow 0
Integral 1131

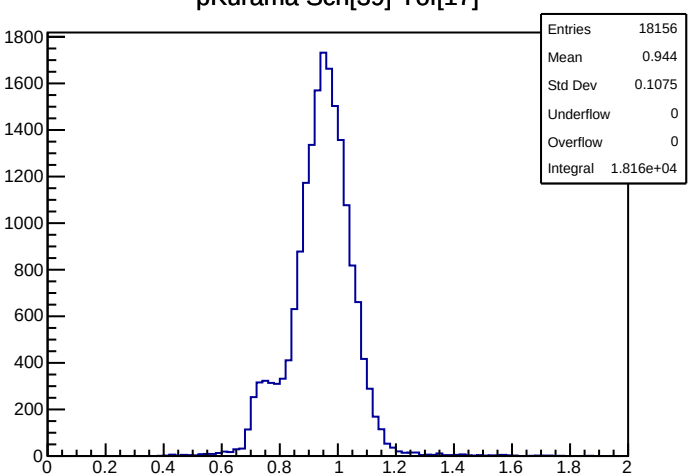

m2 Sch[39]-Tof[16]
Entries 17647
Mean 0.755
Std Dev 0.2733
Underflow 199
Overflow 288
Integral 1.716e+04

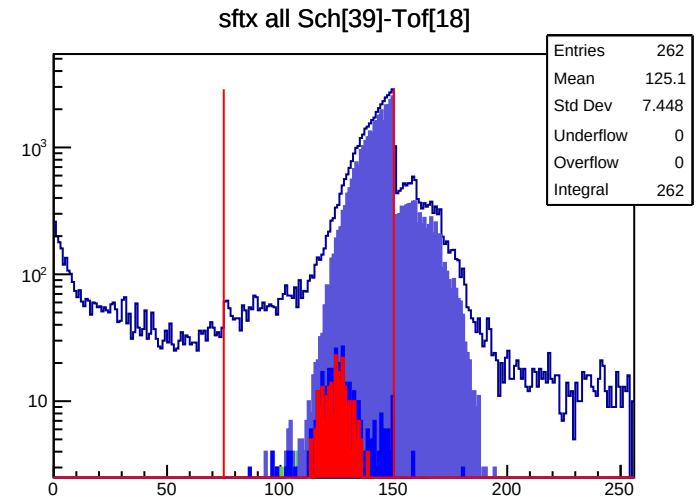

pKurama Sch[39]-Tof[16]
Entries 17647
Mean 0.8572
Std Dev 0.116
Underflow 0
Overflow 0
Integral 1.765e+04

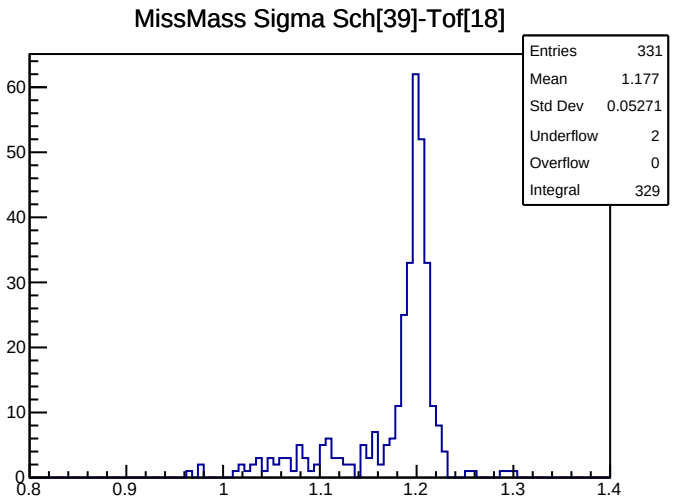

sftx all Sch[39]-Tof[17]
Entries 461
Mean 141.2
Std Dev 10.74
Underflow 2
Overflow 0
Integral 459

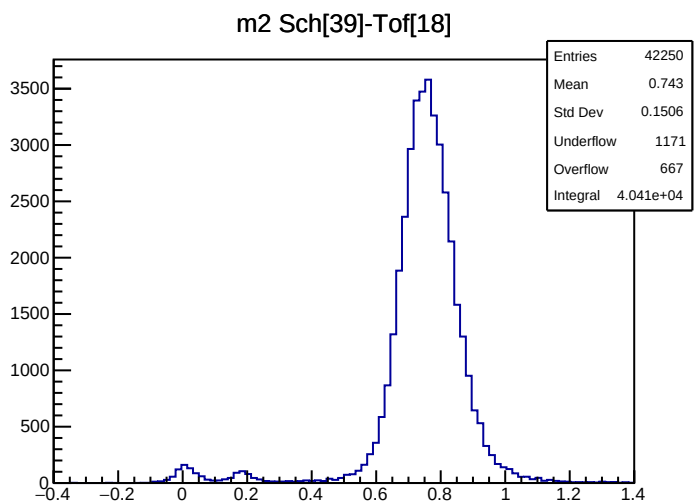

MissMass Sigma Sch[39]-Tof[17]
Entries 522
Mean 1.193
Std Dev 0.03901
Underflow 3
Overflow 0
Integral 519

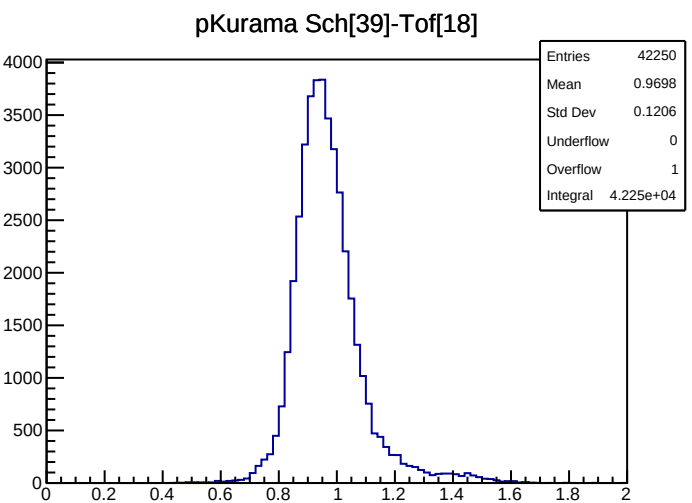

m2 Sch[39]-Tof[17]
Entries 18156
Mean 0.6646
Std Dev 0.2065
Underflow 714
Overflow 258
Integral 1.718e+04

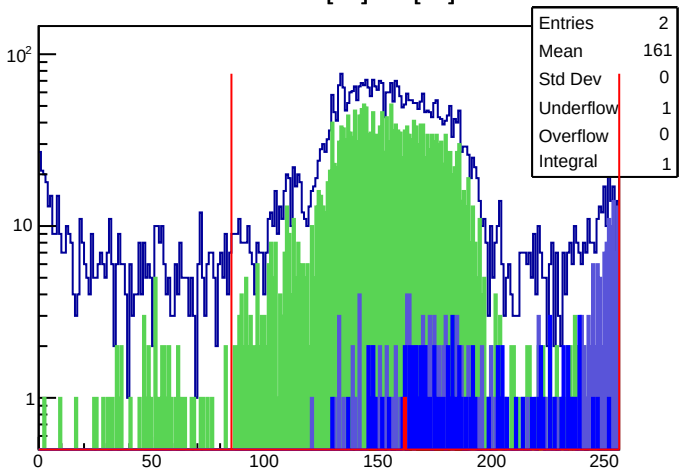

pKurama Sch[39]-Tof[17]
Entries 18156
Mean 0.944
Std Dev 0.1075
Underflow 0
Overflow 0
Integral 1.816e+04

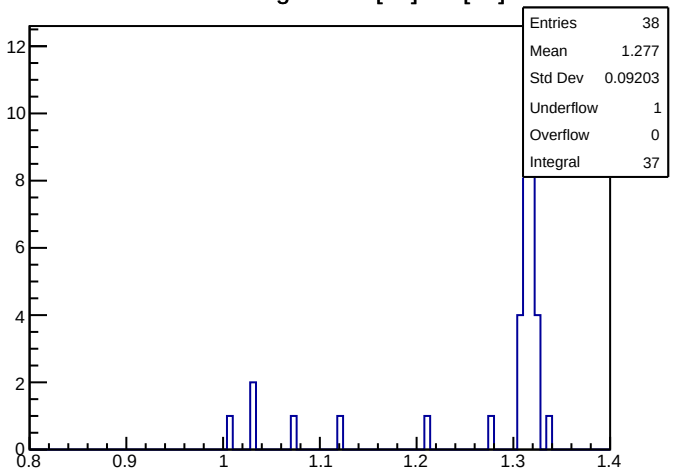

sftx all Sch[39]-Tof[18]
Entries 262
Mean 125.1
Std Dev 7.448
Underflow 0
Overflow 0
Integral 262

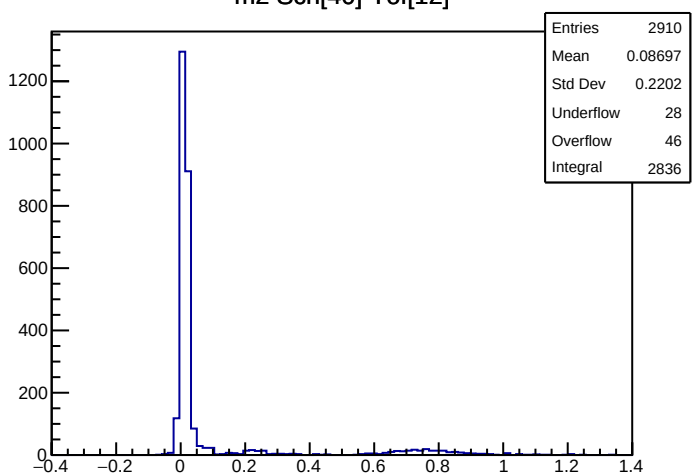

MissMass Sigma Sch[39]-Tof[18]
Entries 331
Mean 1.177
Std Dev 0.05271
Underflow 2
Overflow 0
Integral 329

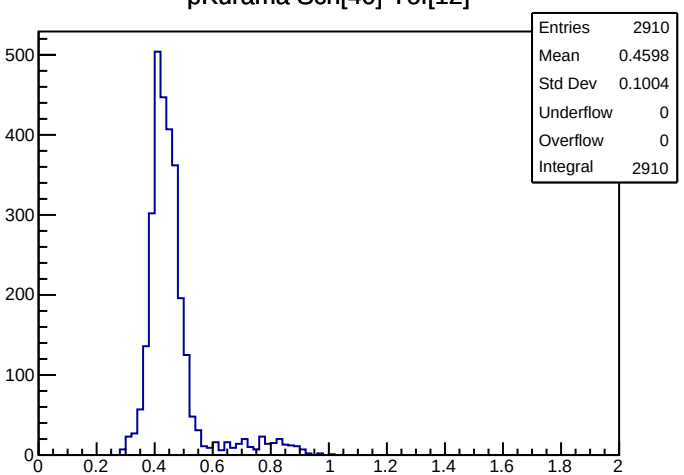

m2 Sch[39]-Tof[18]
Entries 42250
Mean 0.743
Std Dev 0.1506
Underflow 1171
Overflow 667
Integral 4.041e+04

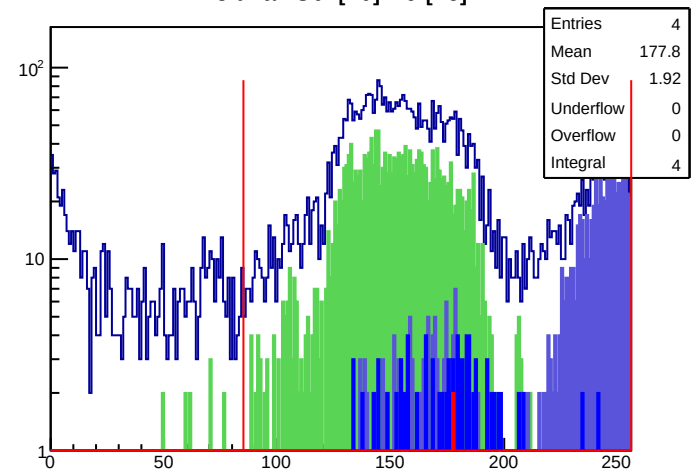

pKurama Sch[39]-Tof[18]
Entries 42250
Mean 0.9698
Std Dev 0.1206
Underflow 0
Overflow 1
Integral 4.225e+04

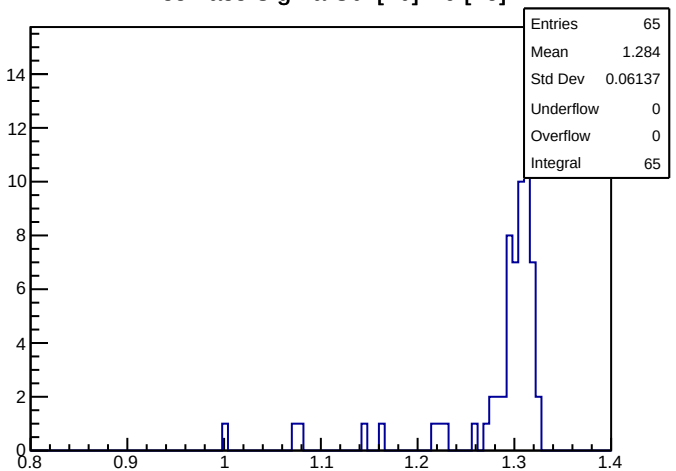

sftx all Sch[40]-Tof[12]
Entries 2
Mean 161
Std Dev 0
Underflow 1
Overflow 0
Integral 1
10^2
10
1
0
50
100
150
200
250

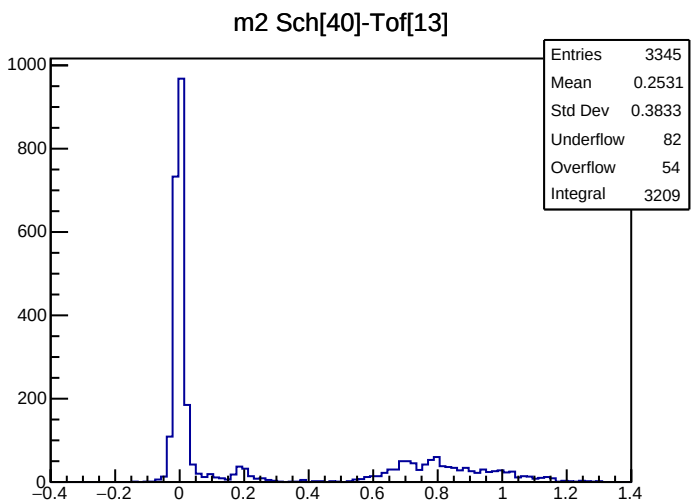

MissMass Sigma Sch[40]-Tof[12]
Entries 38
Mean 1.277
Std Dev 0.09203
Underflow 1
Overflow 0
Integral 37
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

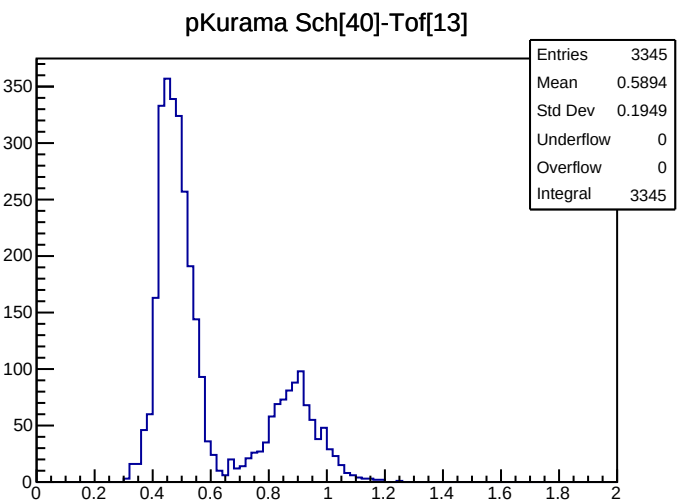

m2 Sch[40]-Tof[12]
Entries 2910
Mean 0.08697
Std Dev 0.2202
Underflow 28
Overflow 46
Integral 2836
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

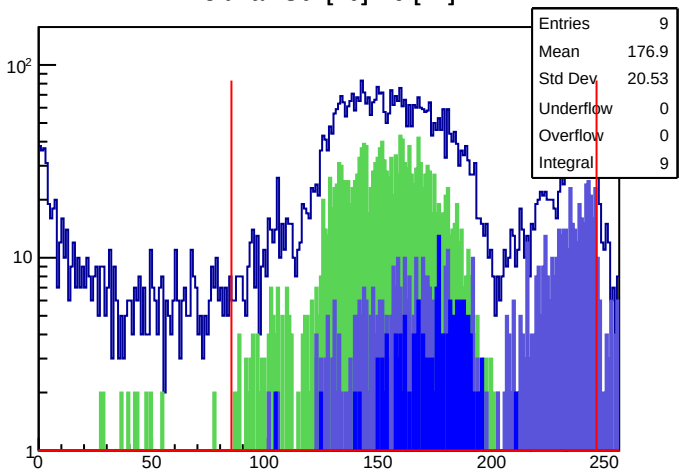

pKurama Sch[40]-Tof[12]
Entries 2910
Mean 0.4598
Std Dev 0.1004
Underflow 0
Overflow 0
Integral 2910
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

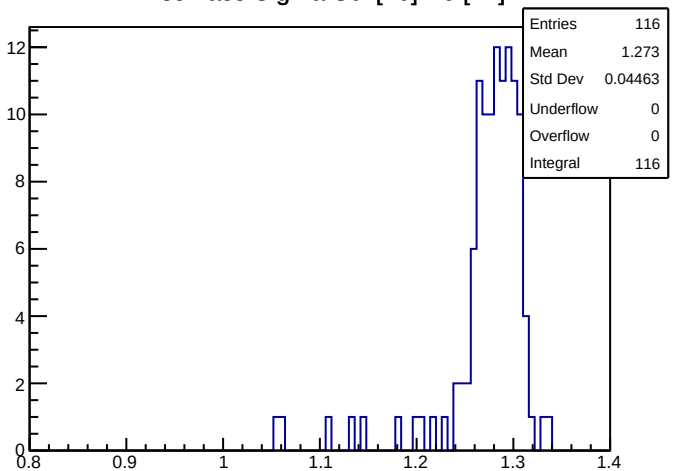

sftx all Sch[40]-Tof[13]
Entries 4
Mean 177.8
Std Dev 1.92
Underflow 0
Overflow 0
Integral 4
10²
10
1
0
50
100
150
200
250

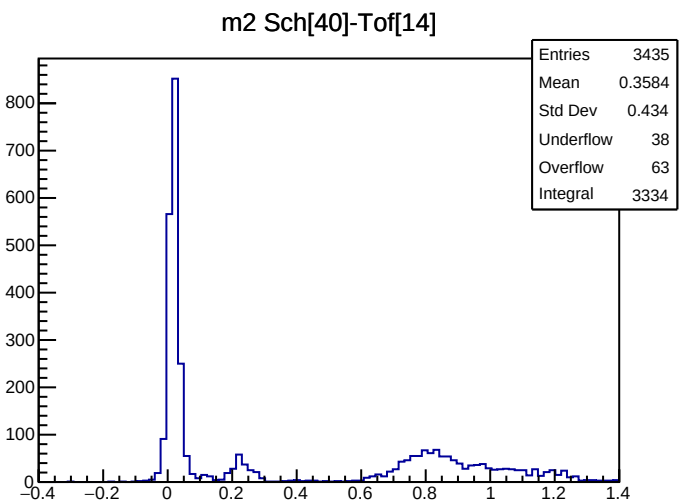

MissMass Sigma Sch[40]-Tof[13]
Entries 65
Mean 1.284
Std Dev 0.06137
Underflow 0
Overflow 0
Integral 65
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

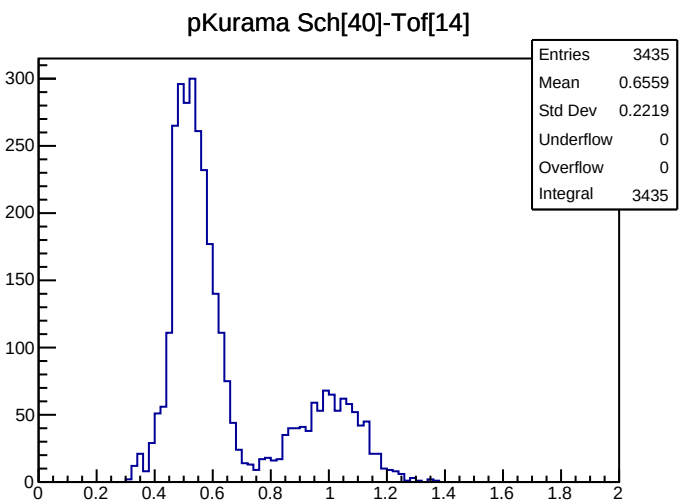

m2 Sch[40]-Tof[13]
Entries 3345
Mean 0.2531
Std Dev 0.3833
Underflow 82
Overflow 54
Integral 3209
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

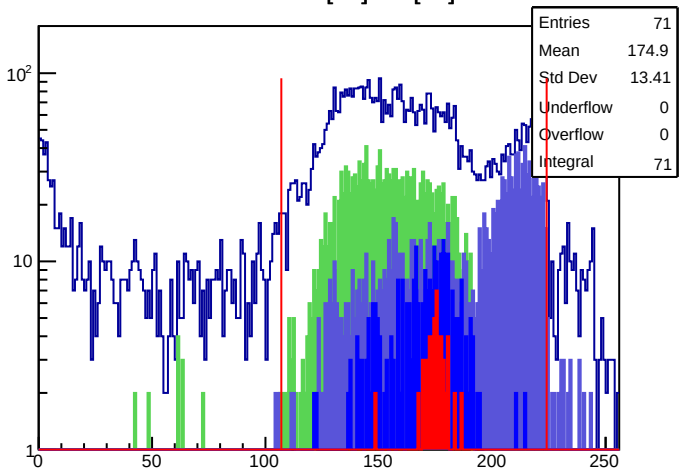

pKurama Sch[40]-Tof[13]
Entries 3345
Mean 0.5894
Std Dev 0.1949
Underflow 0
Overflow 0
Integral 3345
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

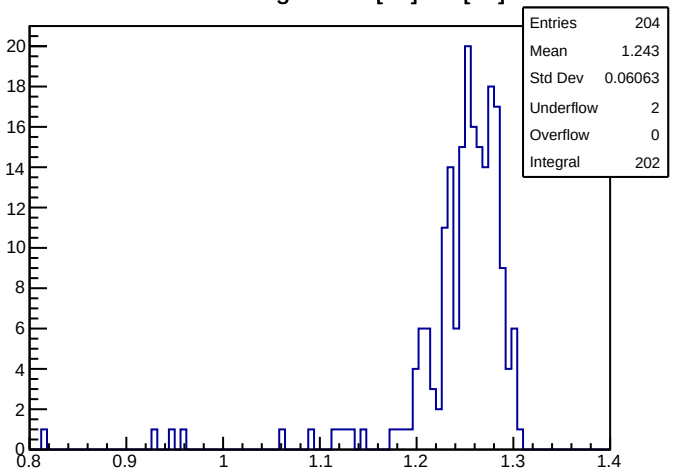

sftx all Sch[40]-Tof[14]
Entries 9
Mean 176.9
Std Dev 20.53
Underflow 0
Overflow 0
Integral 9

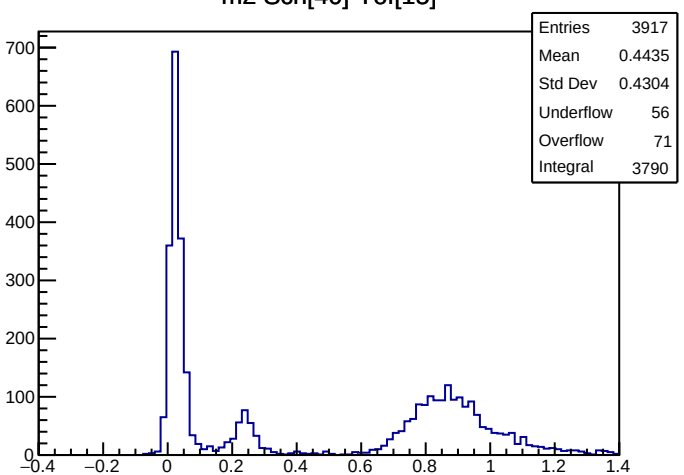

MissMass Sigma Sch[40]-Tof[14]
Entries 116
Mean 1.273
Std Dev 0.04463
Underflow 0
Overflow 0
Integral 116

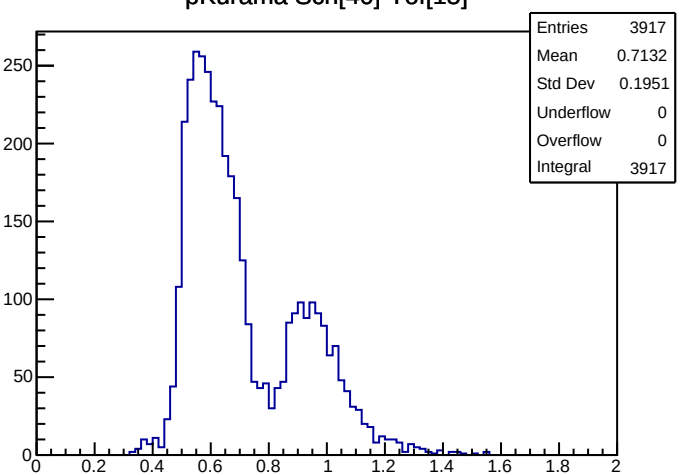

m2 Sch[40]-Tof[14]
Entries 3435
Mean 0.3584
Std Dev 0.434
Underflow 38
Overflow 63
Integral 3334

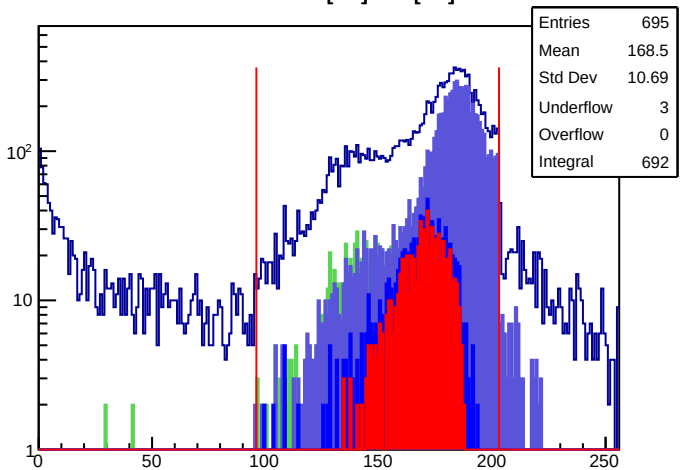

pKurama Sch[40]-Tof[14]
Entries 3435
Mean 0.6559
Std Dev 0.2219
Underflow 0
Overflow 0
Integral 3435

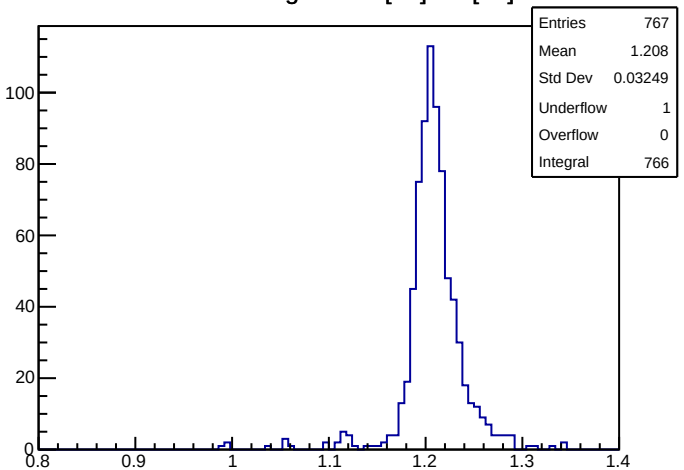

sftx all Sch[40]-Tof[15]
Entries 71
Mean 174.9
Std Dev 13.41
Underflow 0
Overflow 0
Integral 71

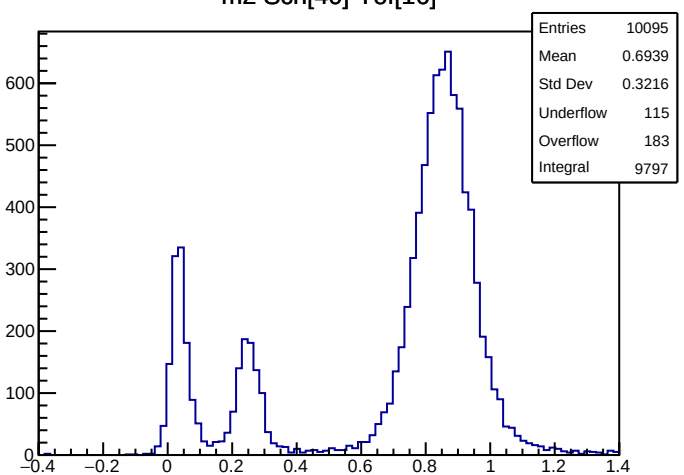

MissMass Sigma Sch[40]-Tof[15]
Entries 204
Mean 1.243
Std Dev 0.06063
Underflow 2
Overflow 0
Integral 202

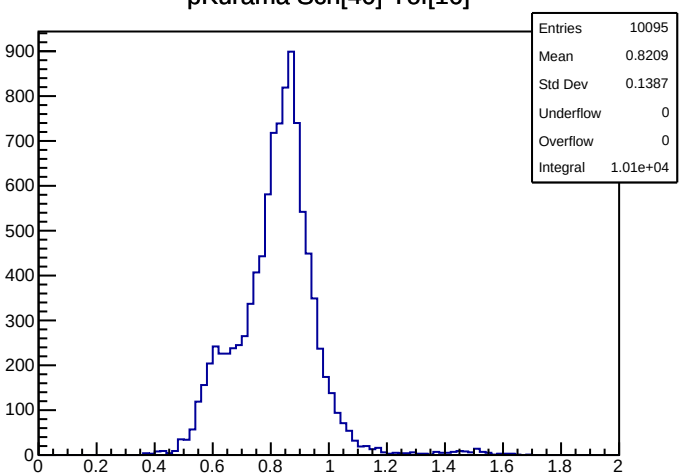

m2 Sch[40]-Tof[15]
Entries 3917
Mean 0.4435
Std Dev 0.4304
Underflow 56
Overflow 71
Integral 3790

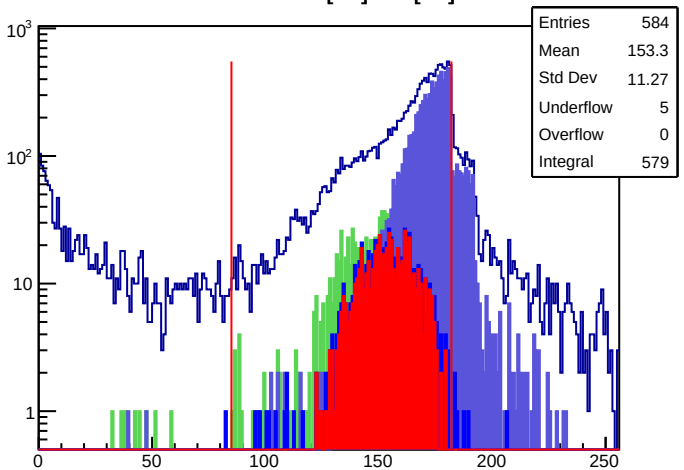

pKurama Sch[40]-Tof[15]
Entries 3917
Mean 0.7132
Std Dev 0.1951
Underflow 0
Overflow 0
Integral 3917

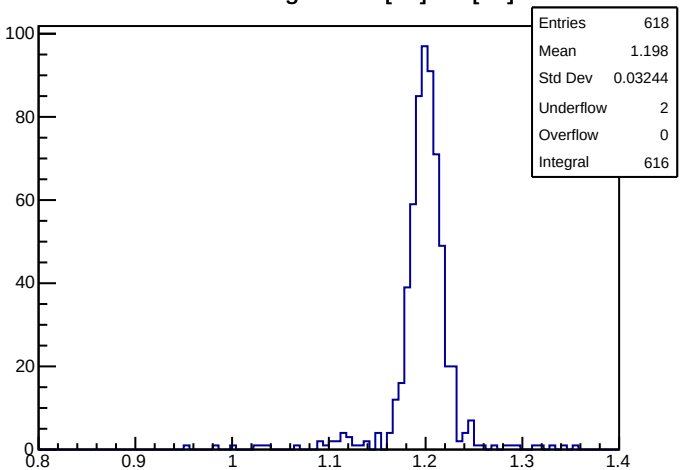

sftx all Sch[40]-Tof[16]
Entries 695
Mean 168.5
Std Dev 10.69
Underflow 3
Overflow 0
Integral 692
10^2
10
1
0
50
100
150
200
250

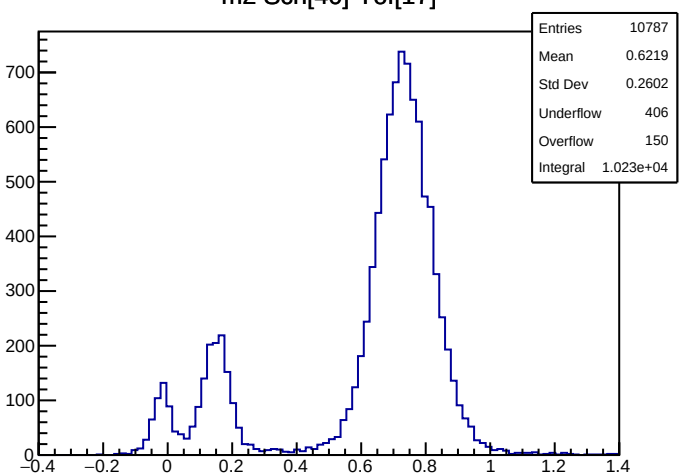

MissMass Sigma Sch[40]-Tof[16]
Entries 767
Mean 1.208
Std Dev 0.03249
Underflow 1
Overflow 0
Integral 766
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

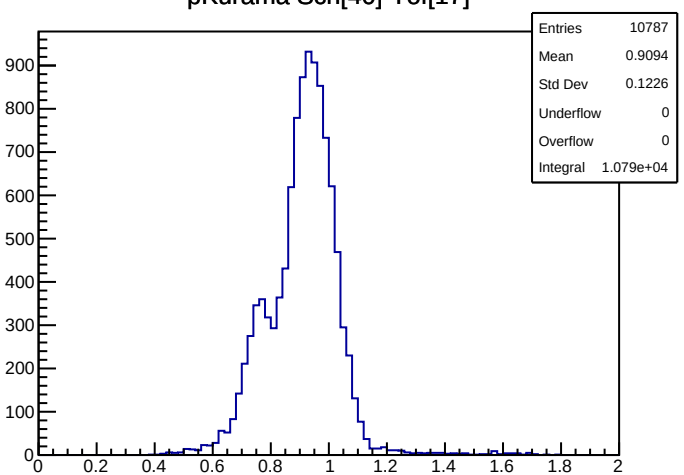

m2 Sch[40]-Tof[16]
Entries 10095
Mean 0.6939
Std Dev 0.3216
Underflow 115
Overflow 183
Integral 9797
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

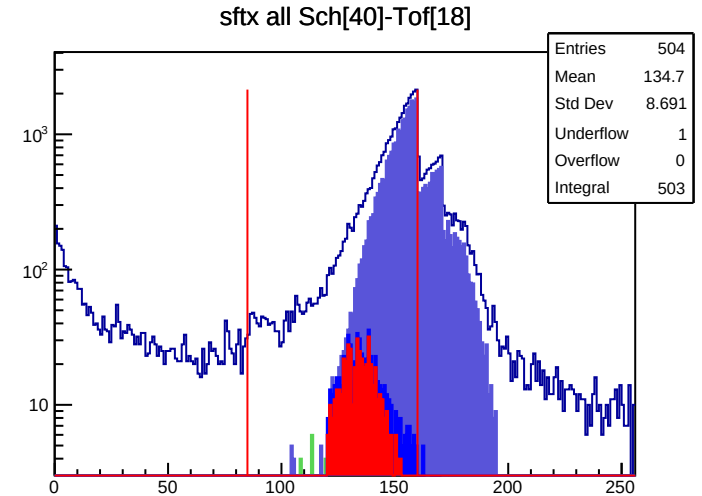

pKurama Sch[40]-Tof[16]
Entries 10095
Mean 0.8209
Std Dev 0.1387
Underflow 0
Overflow 0
Integral 1.01e+04
900
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

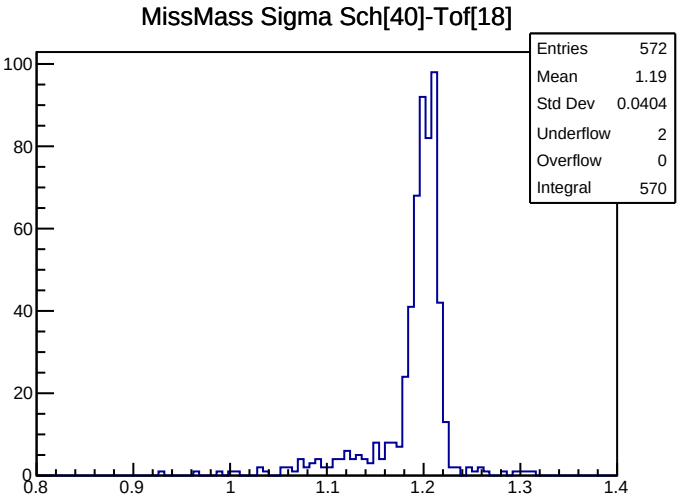

sftx all Sch[40]-Tof[17]
Entries 584
Mean 153.3
Std Dev 11.27
Underflow 5
Overflow 0
Integral 579

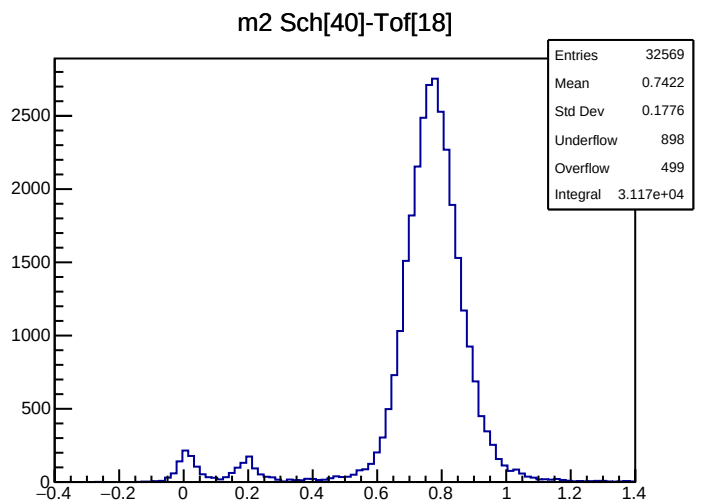

MissMass Sigma Sch[40]-Tof[17]
Entries 618
Mean 1.198
Std Dev 0.03244
Underflow 2
Overflow 0
Integral 616

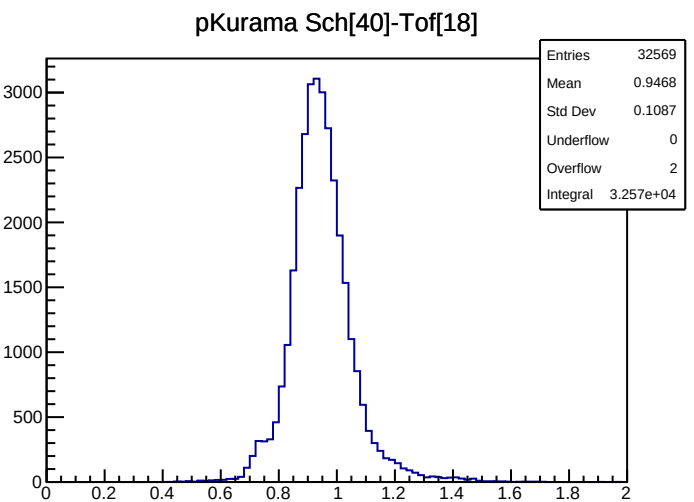

m2 Sch[40]-Tof[17]
Entries 10787
Mean 0.6219
Std Dev 0.2602
Underflow 406
Overflow 150
Integral 1.023e+04

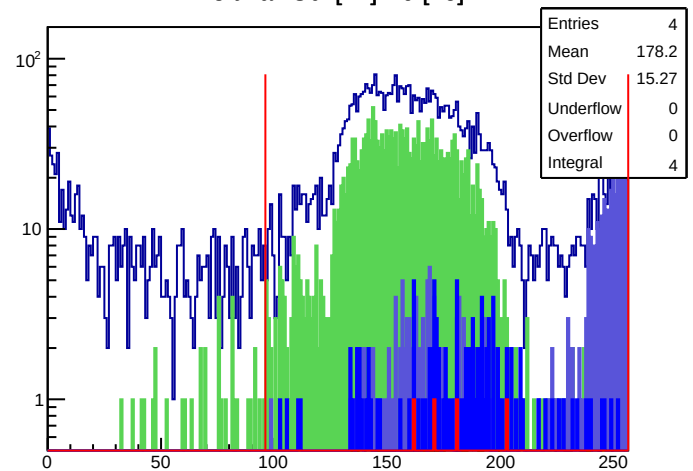

pKurama Sch[40]-Tof[17]
Entries 10787
Mean 0.9094
Std Dev 0.1226
Underflow 0
Overflow 0
Integral 1.079e+04

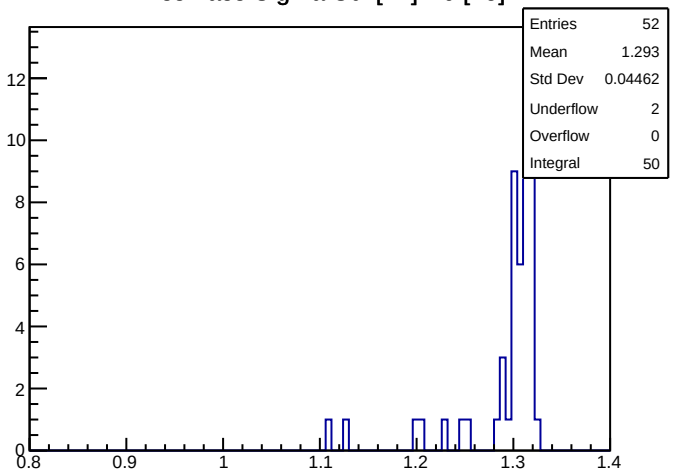

sftx all Sch[40]-Tof[18]
Entries 504
Mean 134.7
Std Dev 8.691
Underflow 1
Overflow 0
Integral 503

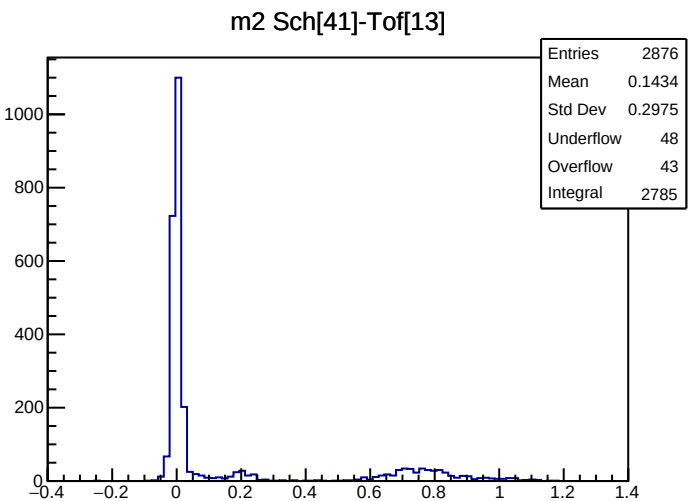

MissMass Sigma Sch[40]-Tof[18]
Entries 572
Mean 1.19
Std Dev 0.0404
Underflow 2
Overflow 0
Integral 570

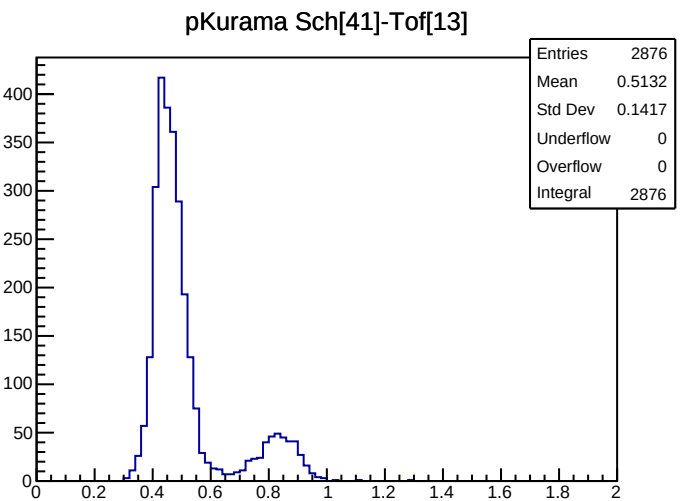

m2 Sch[40]-Tof[18]
Entries 32569
Mean 0.7422
Std Dev 0.1776
Underflow 898
Overflow 499
Integral 3.117e+04

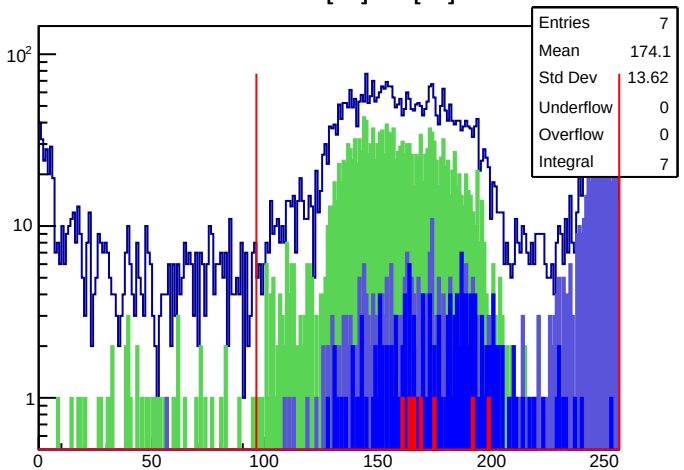

pKurama Sch[40]-Tof[18]
Entries 32569
Mean 0.9468
Std Dev 0.1087
Underflow 0
Overflow 2
Integral 3.257e+04

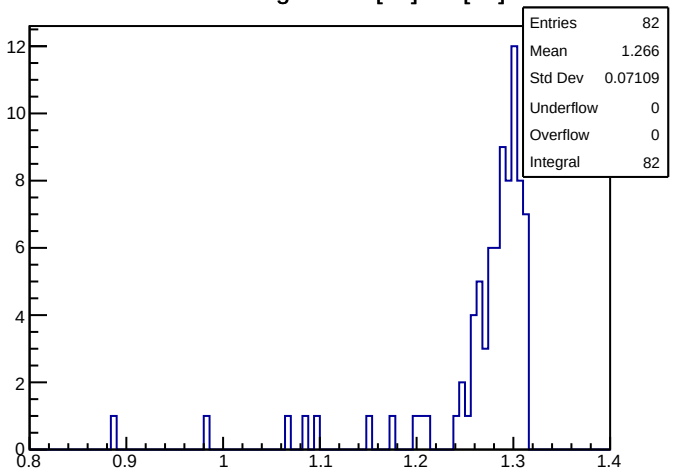

sftx all Sch[41]-Tof[13]
Entries 4
Mean 178.2
Std Dev 15.27
Underflow 0
Overflow 0
Integral 4
10^2
10
1
0
50
100
150
200
250

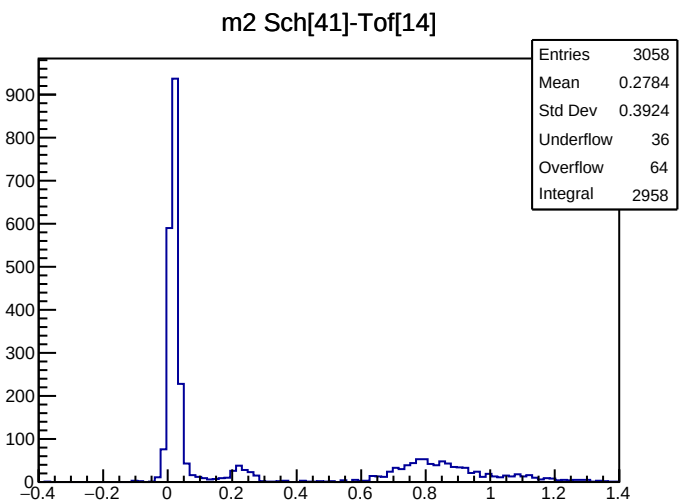

MissMass Sigma Sch[41]-Tof[13]
Entries 52
Mean 1.293
Std Dev 0.04462
Underflow 2
Overflow 0
Integral 50
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

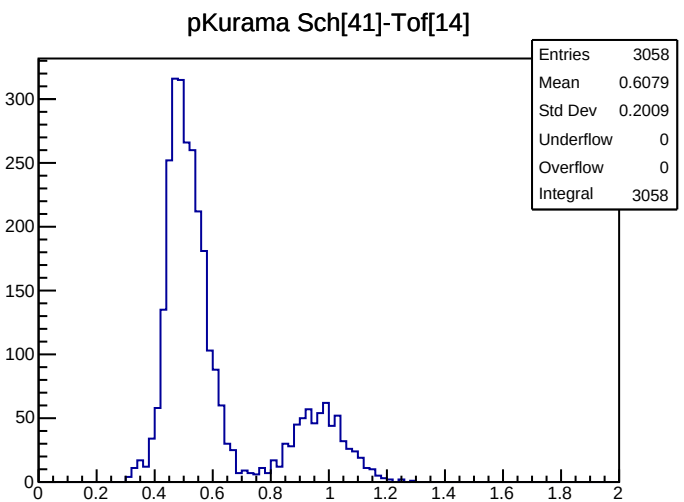

m2 Sch[41]-Tof[13]
Entries 2876
Mean 0.1434
Std Dev 0.2975
Underflow 48
Overflow 43
Integral 2785
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

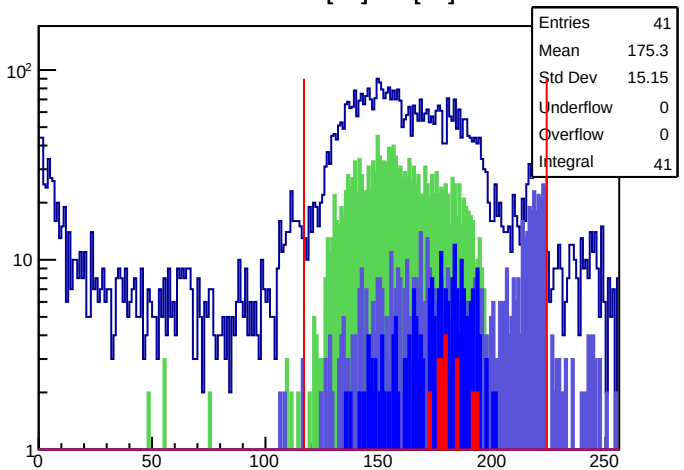

pKurama Sch[41]-Tof[13]
Entries 2876
Mean 0.5132
Std Dev 0.1417
Underflow 0
Overflow 0
Integral 2876
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

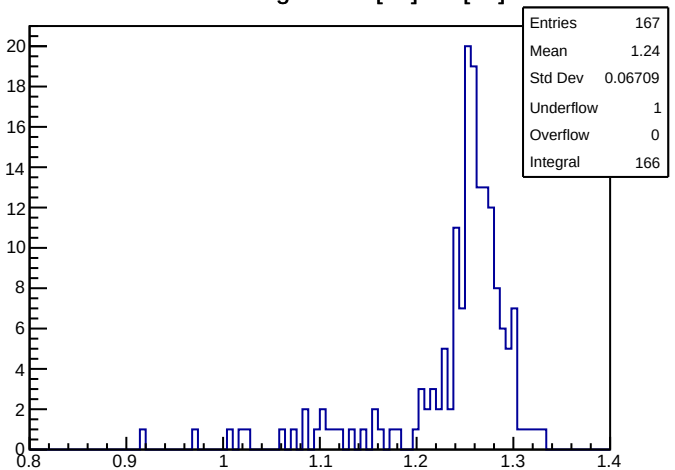

sftx all Sch[41]-Tof[14]
Entries 7
Mean 174.1
Std Dev 13.62
Underflow 0
Overflow 0
Integral 7

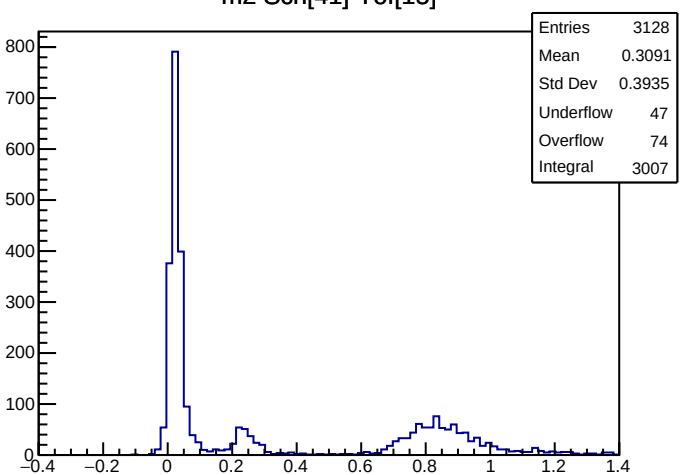

MissMass Sigma Sch[41]-Tof[14]
Entries 82
Mean 1.266
Std Dev 0.07109
Underflow 0
Overflow 0
Integral 82

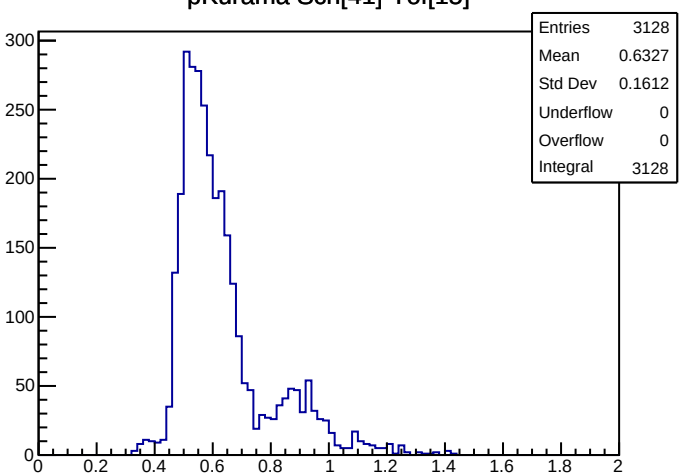

m2 Sch[41]-Tof[14]
Entries 3058
Mean 0.2784
Std Dev 0.3924
Underflow 36
Overflow 64
Integral 2958

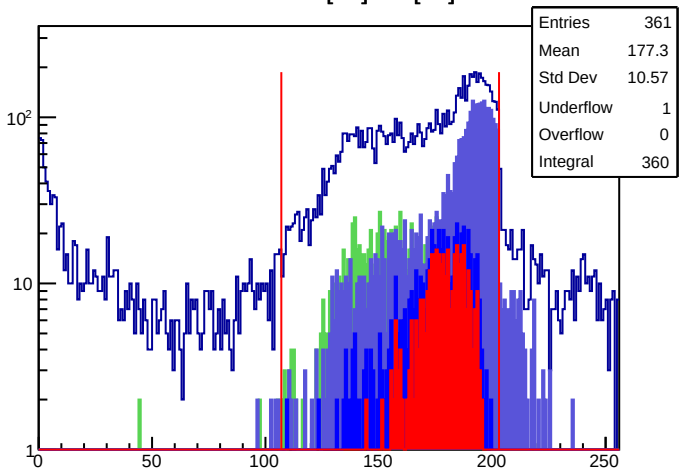

pKurama Sch[41]-Tof[14]
Entries 3058
Mean 0.6079
Std Dev 0.2009
Underflow 0
Overflow 0
Integral 3058

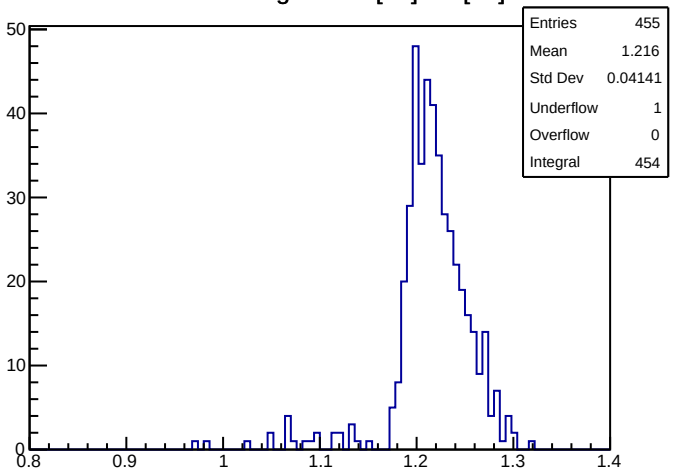

sftx all Sch[41]-Tof[15]
Entries 41
Mean 175.3
Std Dev 15.15
Underflow 0
Overflow 0
Integral 41

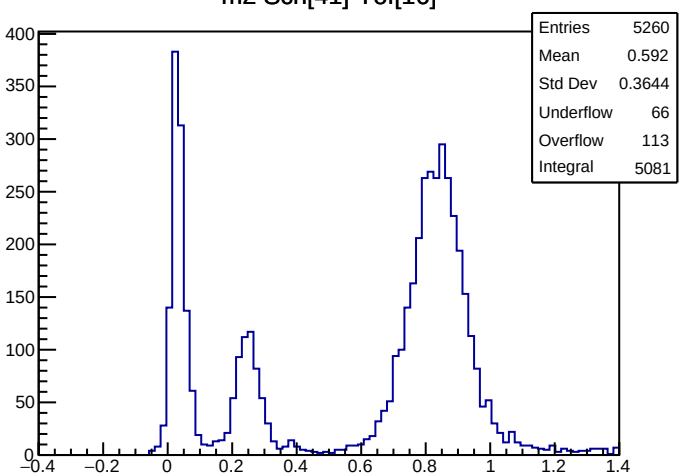

MissMass Sigma Sch[41]-Tof[15]
Entries 167
Mean 1.24
Std Dev 0.06709
Underflow 1
Overflow 0
Integral 166

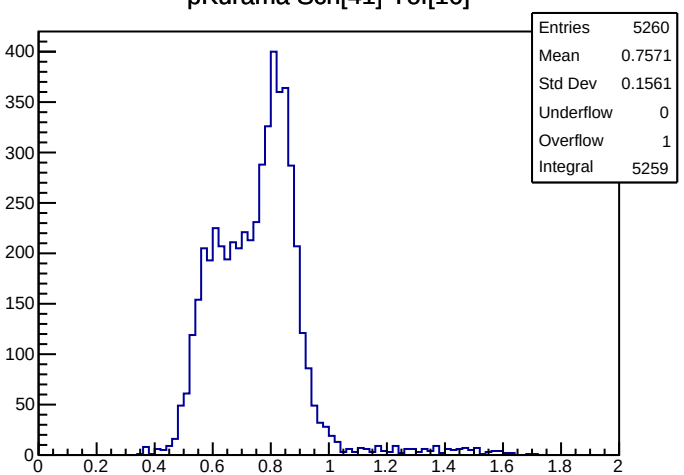

m2 Sch[41]-Tof[15]
Entries 3128
Mean 0.3091
Std Dev 0.3935
Underflow 47
Overflow 74
Integral 3007

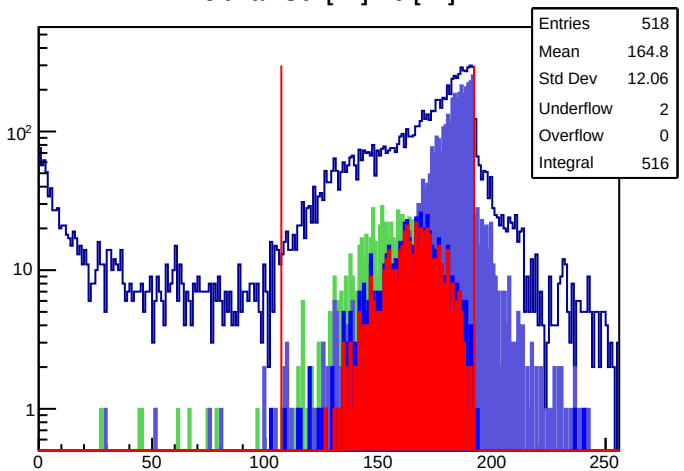

pKurama Sch[41]-Tof[15]
Entries 3128
Mean 0.6327
Std Dev 0.1612
Underflow 0
Overflow 0
Integral 3128

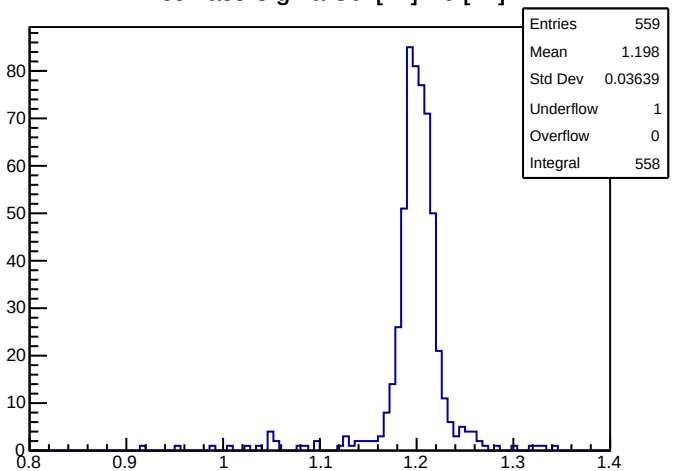

sftx all Sch[41]-Tof[16]
Entries 361
Mean 177.3
Std Dev 10.57
Underflow 1
Overflow 0
Integral 360

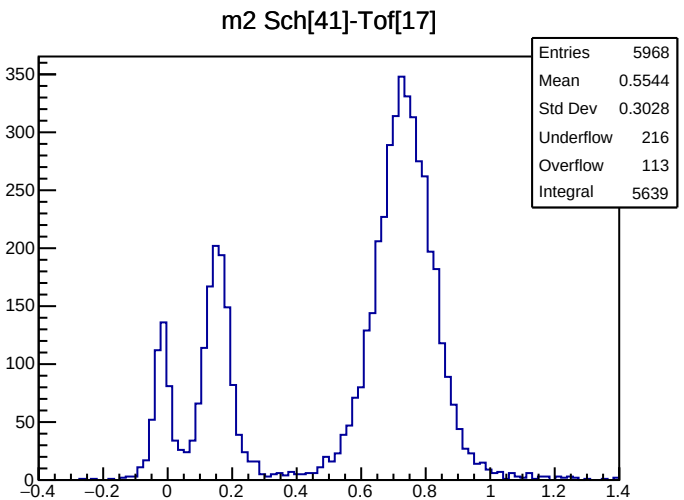

MissMass Sigma Sch[41]-Tof[16]
Entries 455
Mean 1.216
Std Dev 0.04141
Underflow 1
Overflow 0
Integral 454

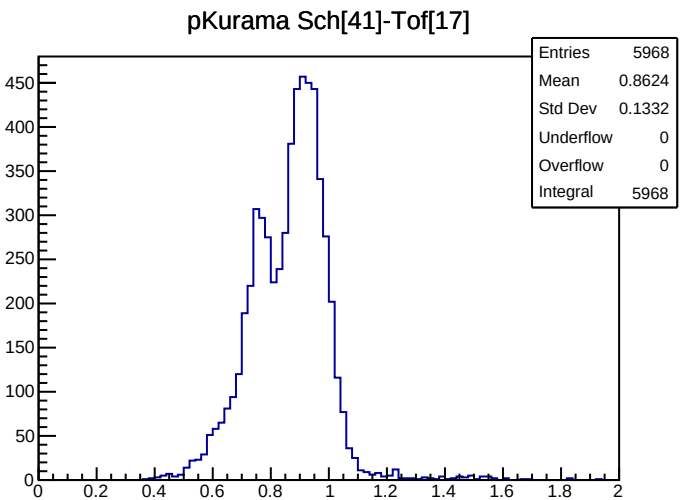

m2 Sch[41]-Tof[16]
Entries 5260
Mean 0.592
Std Dev 0.3644
Underflow 66
Overflow 113
Integral 5081

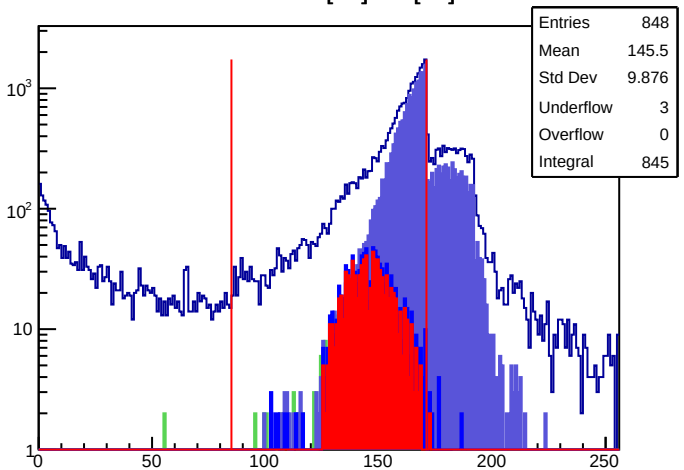

pKurama Sch[41]-Tof[16]
Entries 5260
Mean 0.7571
Std Dev 0.1561
Underflow 0
Overflow 1
Integral 5259

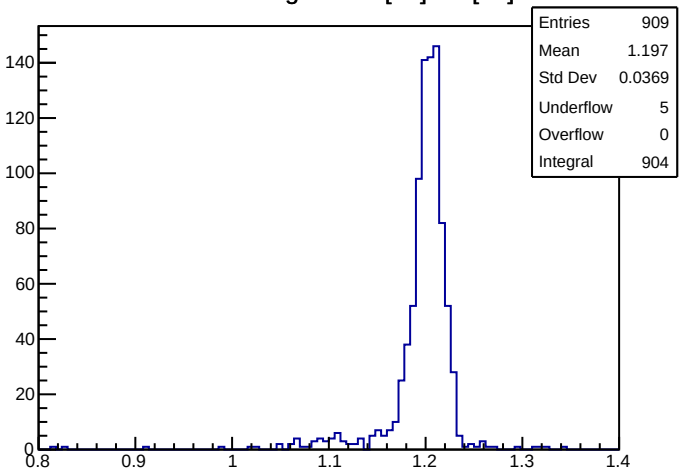

sftx all Sch[41]-Tof[17]
Entries 518
Mean 164.8
Std Dev 12.06
Underflow 2
Overflow 0
Integral 516

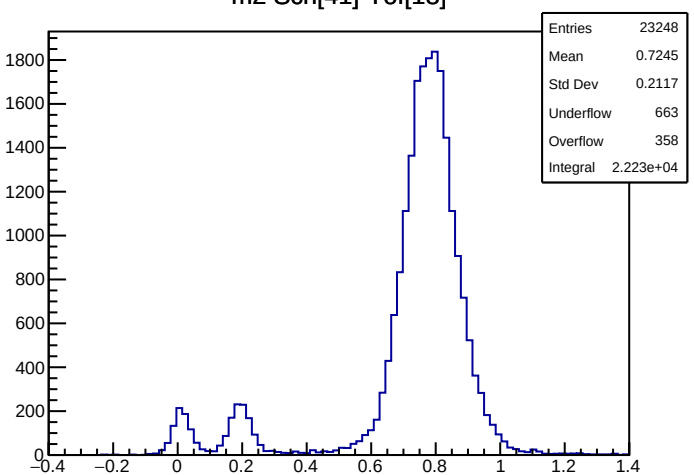

MissMass Sigma Sch[41]-Tof[17]
Entries 559
Mean 1.198
Std Dev 0.03639
Underflow 1
Overflow 0
Integral 558

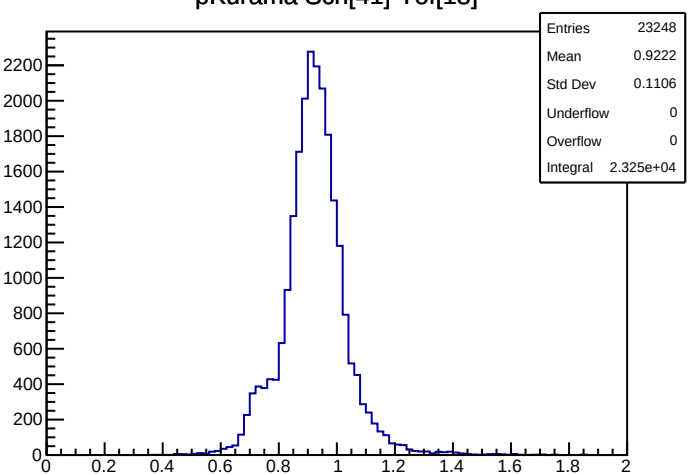

m2 Sch[41]-Tof[17]
Entries 5968
Mean 0.5544
Std Dev 0.3028
Underflow 216
Overflow 113
Integral 5639

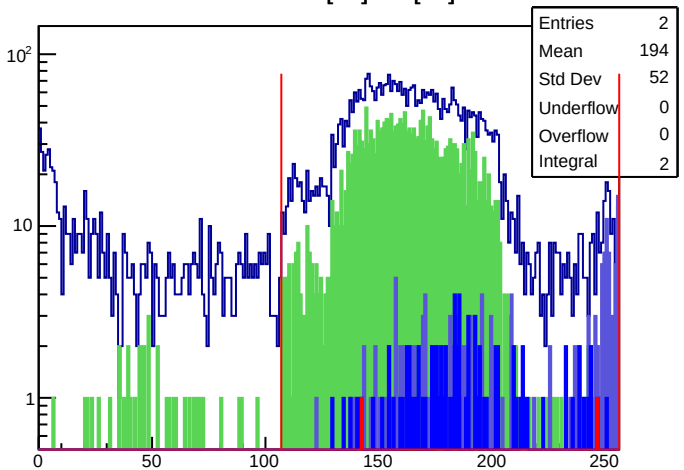

pKurama Sch[41]-Tof[17]
Entries 5968
Mean 0.8624
Std Dev 0.1332
Underflow 0
Overflow 0
Integral 5968

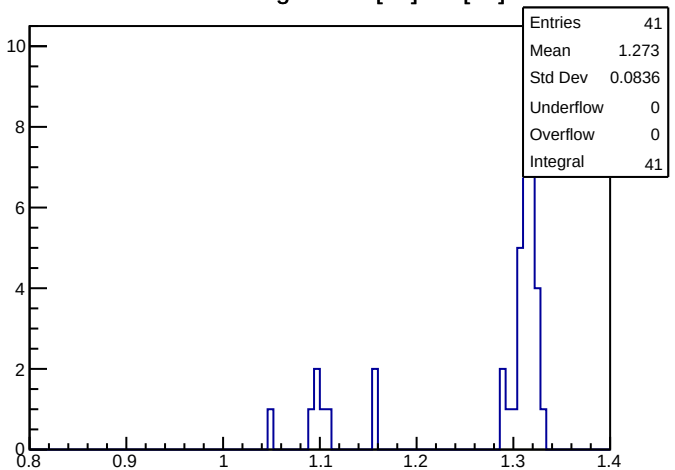

sftx all Sch[41]-Tof[18]
Entries 848
Mean 145.5
Std Dev 9.876
Underflow 3
Overflow 0
Integral 845

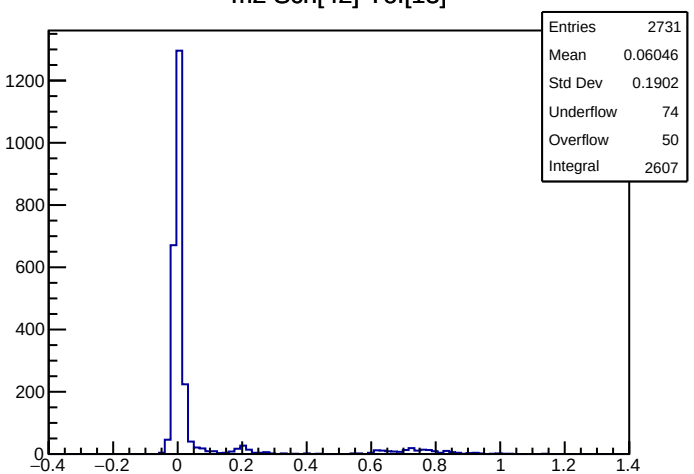

MissMass Sigma Sch[41]-Tof[18]
Entries 909
Mean 1.197
Std Dev 0.0369
Underflow 5
Overflow 0
Integral 904

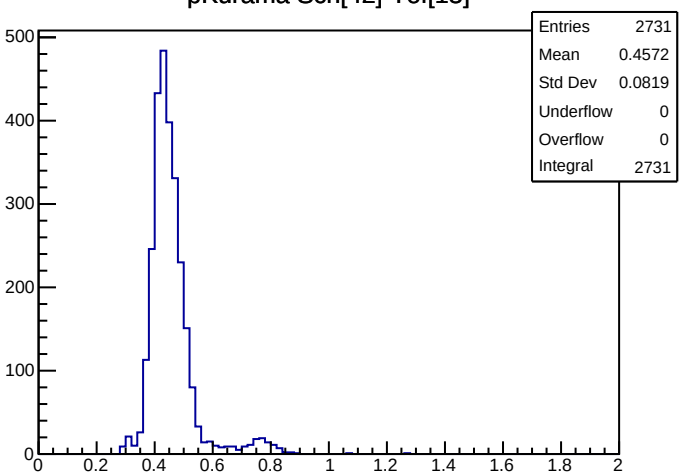

m2 Sch[41]-Tof[18]
Entries 23248
Mean 0.7245
Std Dev 0.2117
Underflow 663
Overflow 358
Integral 2.223e+04

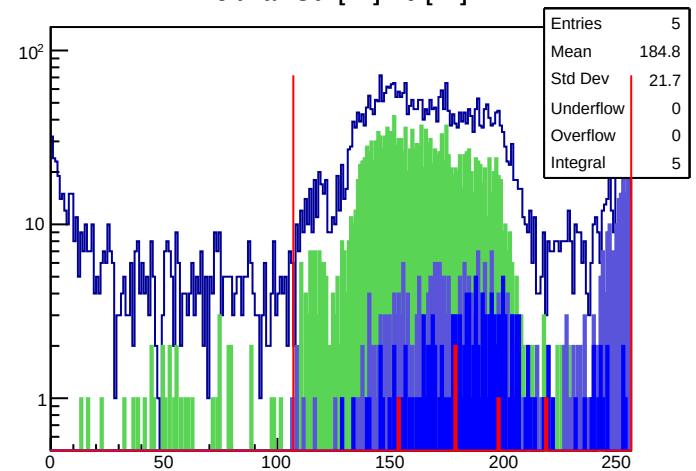

pKurama Sch[41]-Tof[18]
Entries 23248
Mean 0.9222
Std Dev 0.1106
Underflow 0
Overflow 0
Integral 2.325e+04

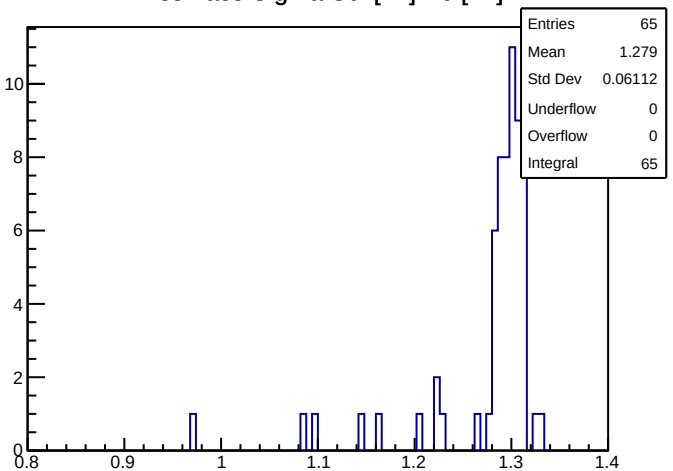

sftx all Sch[42]-Tof[13]
Entries 2
Mean 194
Std Dev 52
Underflow 0
Overflow 0
Integral 2

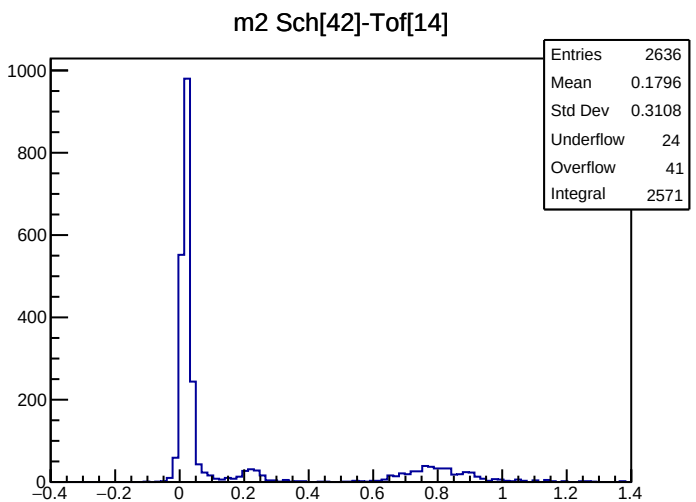

MissMass Sigma Sch[42]-Tof[13]
Entries 41
Mean 1.273
Std Dev 0.0836
Underflow 0
Overflow 0
Integral 41

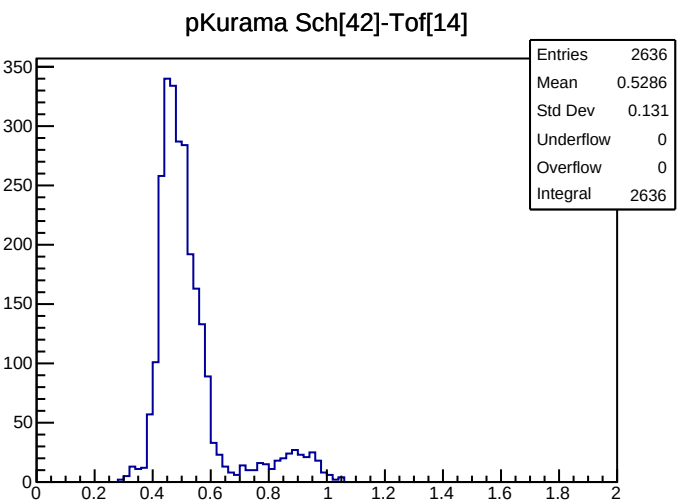

m2 Sch[42]-Tof[13]
Entries 2731
Mean 0.06046
Std Dev 0.1902
Underflow 74
Overflow 50
Integral 2607

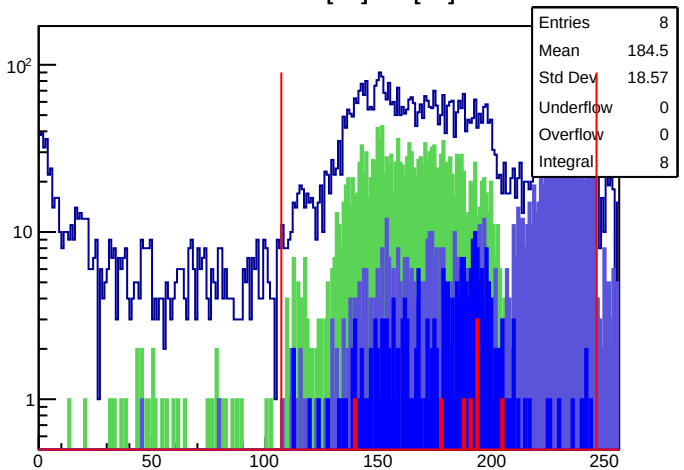

pKurama Sch[42]-Tof[13]
Entries 2731
Mean 0.4572
Std Dev 0.0819
Underflow 0
Overflow 0
Integral 2731

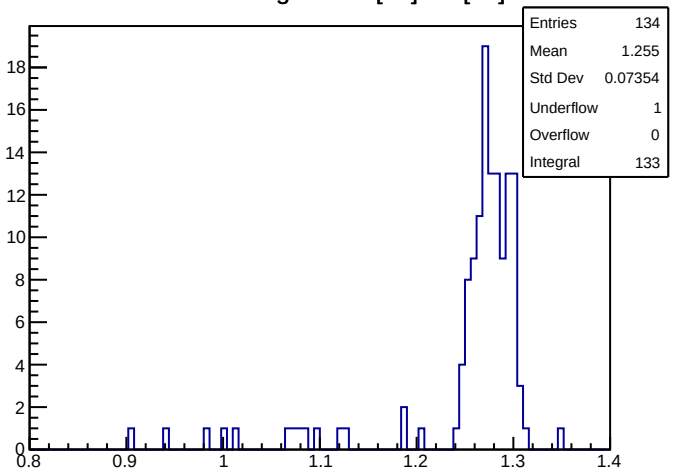

sftx all Sch[42]-Tof[14]
Entries 5
Mean 184.8
Std Dev 21.7
Underflow 0
Overflow 0
Integral 5

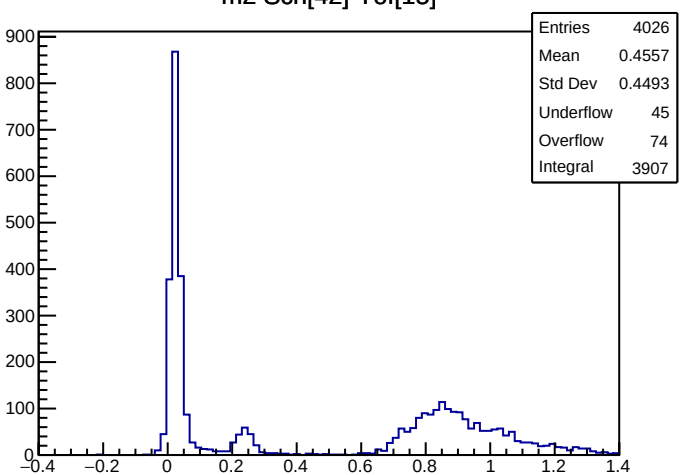

MissMass Sigma Sch[42]-Tof[14]
Entries 65
Mean 1.279
Std Dev 0.06112
Underflow 0
Overflow 0
Integral 65

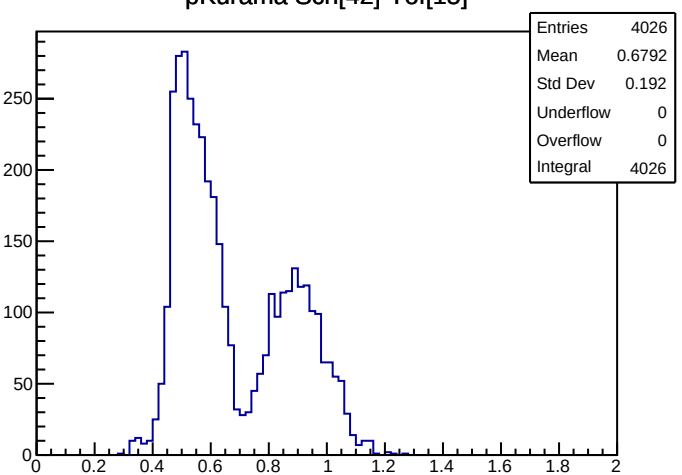

m2 Sch[42]-Tof[14]
Entries 2636
Mean 0.1796
Std Dev 0.3108
Underflow 24
Overflow 41
Integral 2571

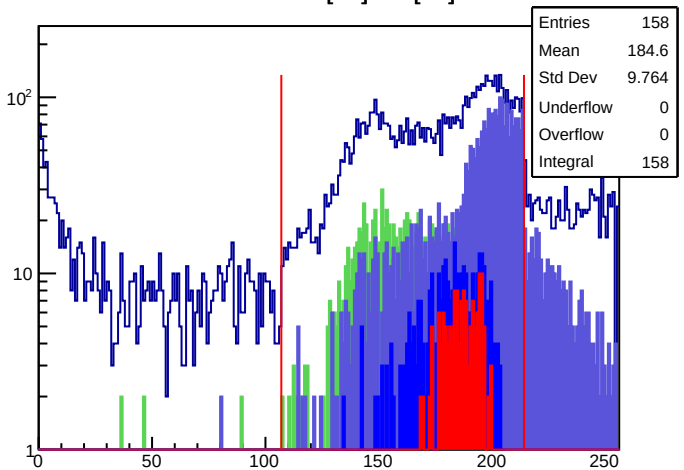

pKurama Sch[42]-Tof[14]
Entries 2636
Mean 0.5286
Std Dev 0.131
Underflow 0
Overflow 0
Integral 2636

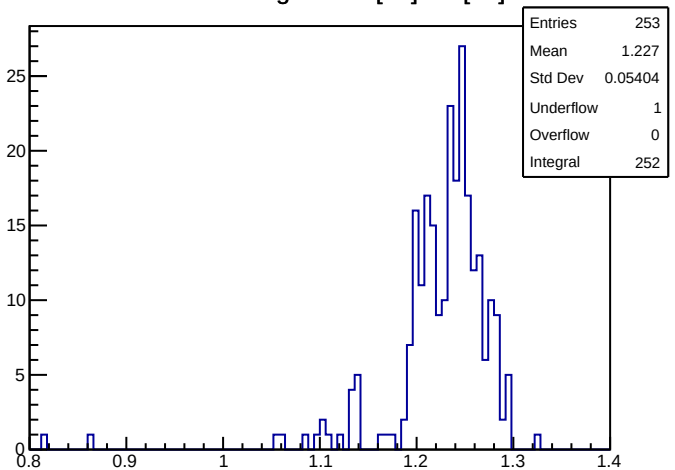

sftx all Sch[42]-Tof[15]
Entries 8
Mean 184.5
Std Dev 18.57
Underflow 0
Overflow 0
Integral 8

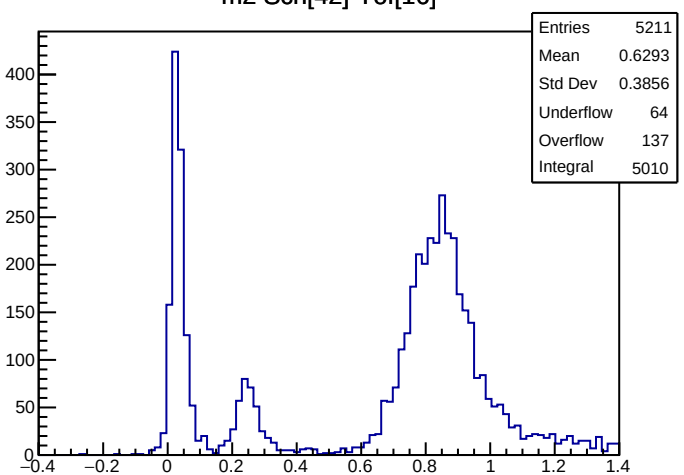

MissMass Sigma Sch[42]-Tof[15]
Entries 134
Mean 1.255
Std Dev 0.07354
Underflow 1
Overflow 0
Integral 133

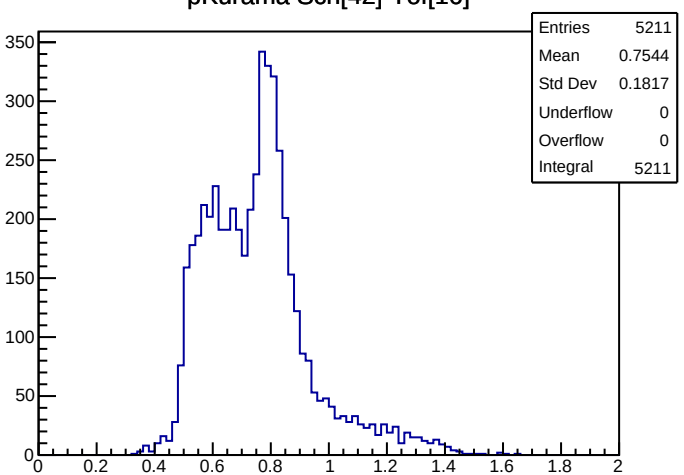

m2 Sch[42]-Tof[15]
Entries 4026
Mean 0.4557
Std Dev 0.4493
Underflow 45
Overflow 74
Integral 3907

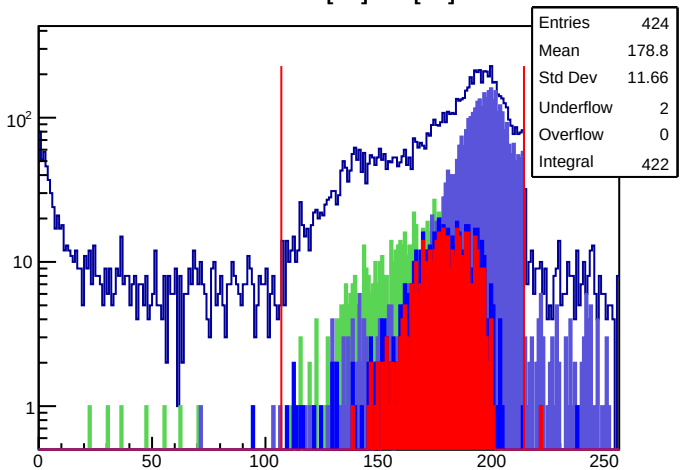

pKurama Sch[42]-Tof[15]
Entries 4026
Mean 0.6792
Std Dev 0.192
Underflow 0
Overflow 0
Integral 4026

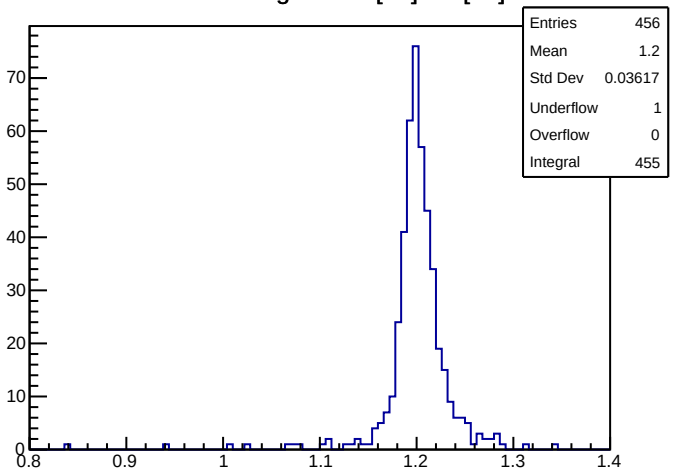

sftx all Sch[42]-Tof[16]
Entries 158
Mean 184.6
Std Dev 9.764
Underflow 0
Overflow 0
Integral 158

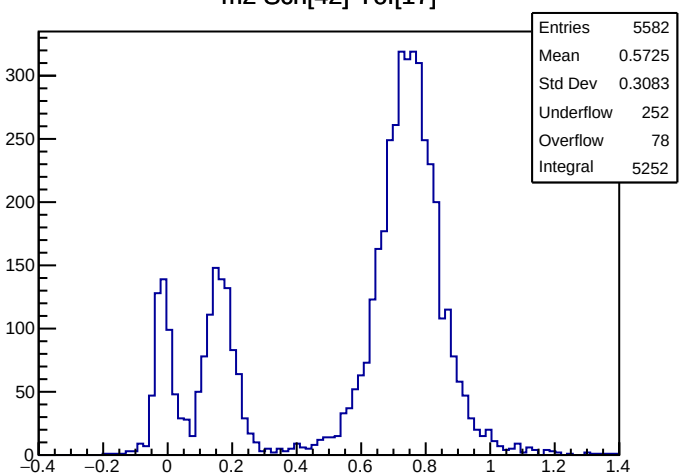

MissMass Sigma Sch[42]-Tof[16]
Entries 253
Mean 1.227
Std Dev 0.05404
Underflow 1
Overflow 0
Integral 252

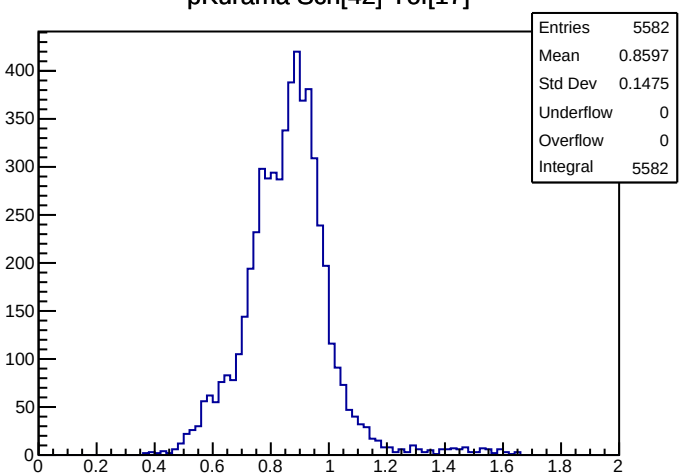

m2 Sch[42]-Tof[16]
Entries 5211
Mean 0.6293
Std Dev 0.3856
Underflow 64
Overflow 137
Integral 5010

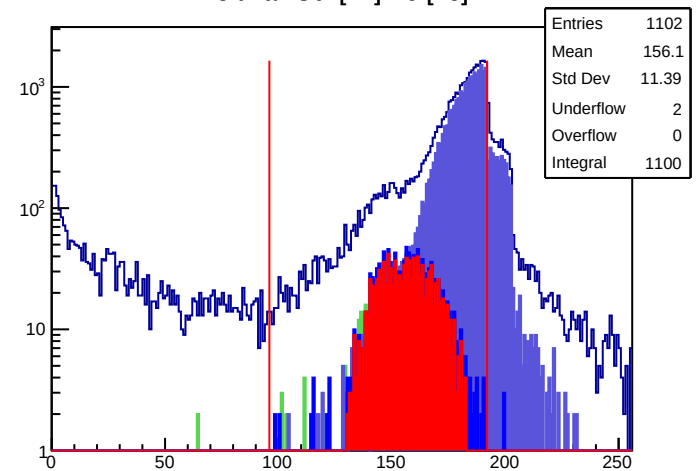

pKurama Sch[42]-Tof[16]
Entries 5211
Mean 0.7544
Std Dev 0.1817
Underflow 0
Overflow 0
Integral 5211

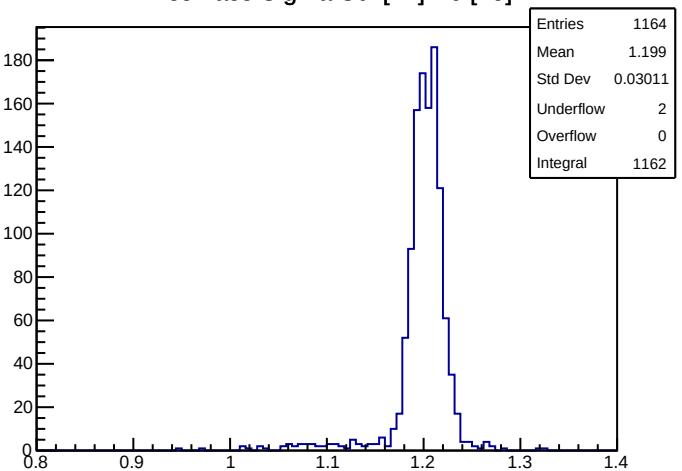

sftx all Sch[42]-Tof[17]
Entries 424
Mean 178.8
Std Dev 11.66
Underflow 2
Overflow 0
Integral 422

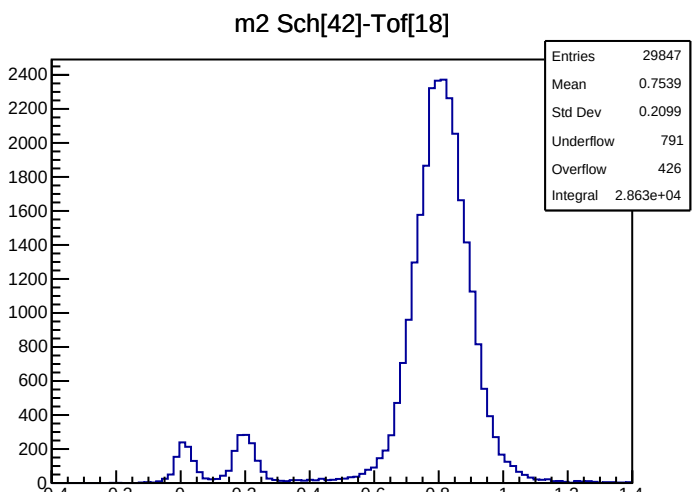

MissMass Sigma Sch[42]-Tof[17]
Entries 456
Mean 1.2
Std Dev 0.03617
Underflow 1
Overflow 0
Integral 455

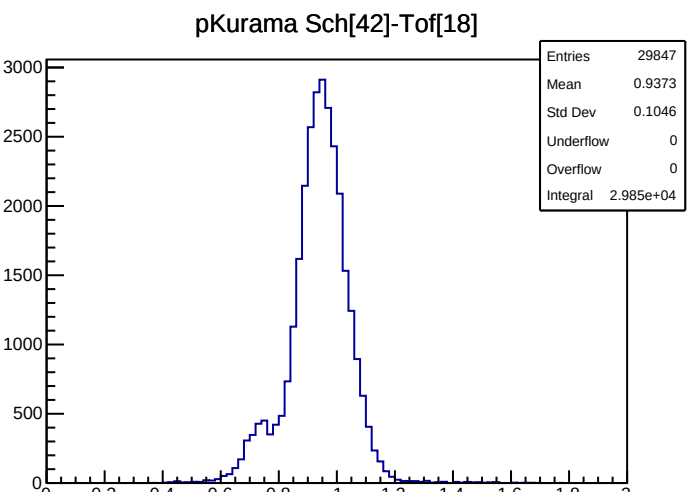

m2 Sch[42]-Tof[17]
Entries 5582
Mean 0.5725
Std Dev 0.3083
Underflow 252
Overflow 78
Integral 5252

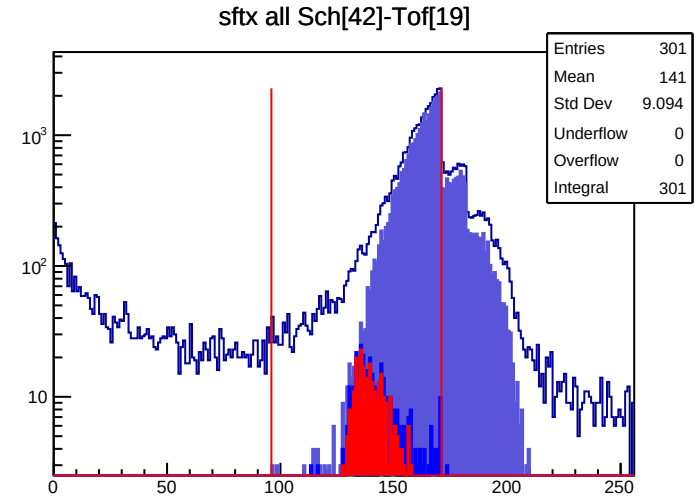

pKurama Sch[42]-Tof[17]
Entries 5582
Mean 0.8597
Std Dev 0.1475
Underflow 0
Overflow 0
Integral 5582

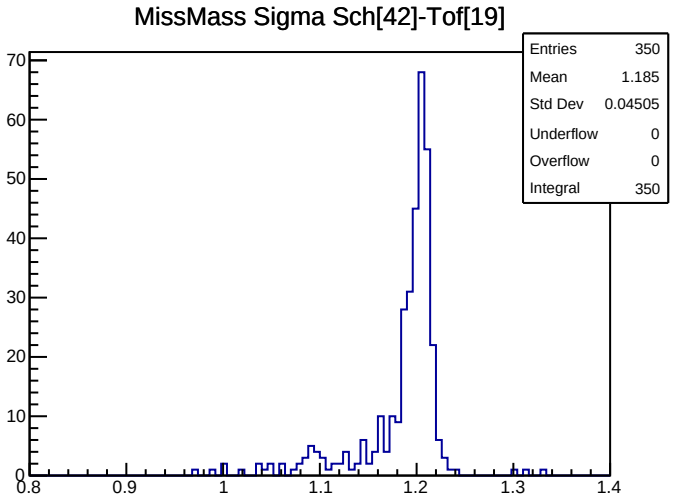

sftx all Sch[42]-Tof[18]
Entries 1102
Mean 156.1
Std Dev 11.39
Underflow 2
Overflow 0
Integral 1100

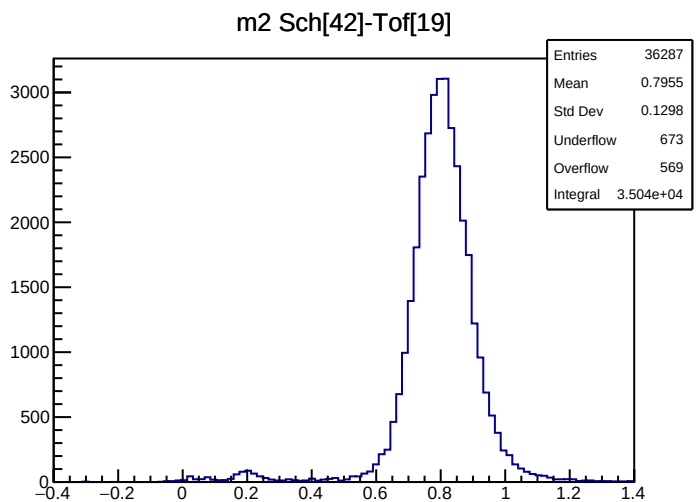

MissMass Sigma Sch[42]-Tof[18]
Entries 1164
Mean 1.199
Std Dev 0.03011
Underflow 2
Overflow 0
Integral 1162

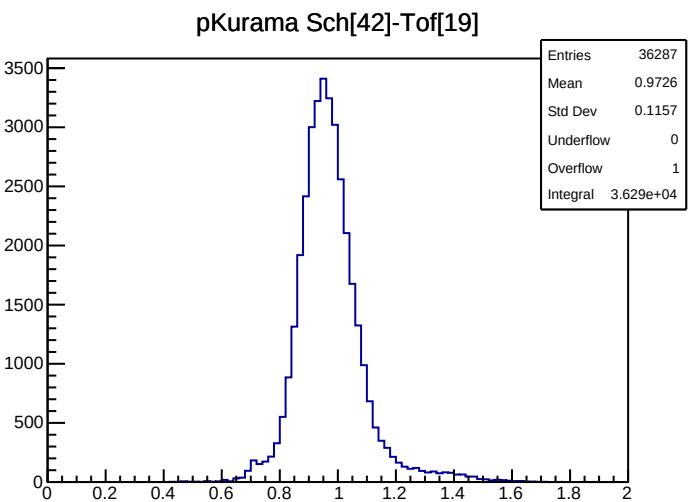

m2 Sch[42]-Tof[18]
Entries 29847
Mean 0.7539
Std Dev 0.2099
Underflow 791
Overflow 426
Integral 2.863e+04

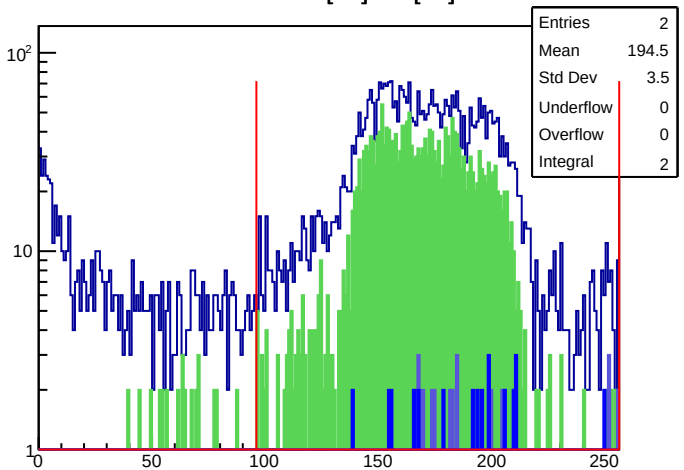

pKurama Sch[42]-Tof[18]
Entries 29847
Mean 0.9373
Std Dev 0.1046
Underflow 0
Overflow 0
Integral 2.985e+04

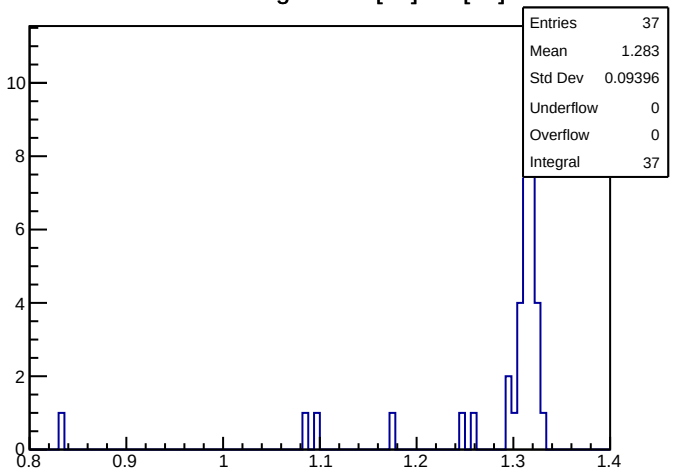

sftx all Sch[42]-Tof[19]
Entries 301
Mean 141
Std Dev 9.094
Underflow 0
Overflow 0
Integral 301

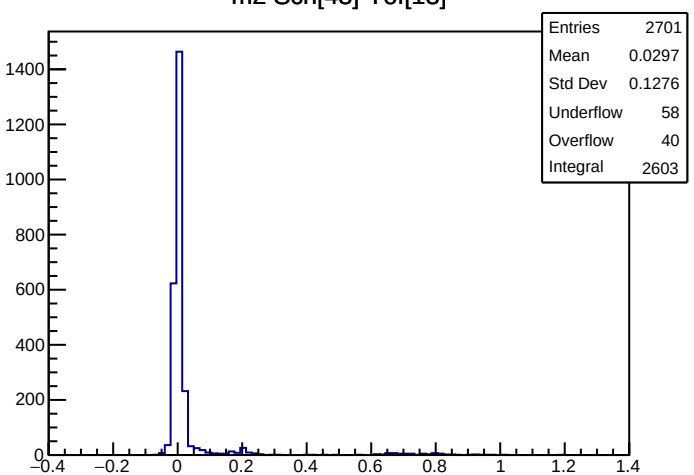

MissMass Sigma Sch[42]-Tof[19]
Entries 350
Mean 1.185
Std Dev 0.04505
Underflow 0
Overflow 0
Integral 350

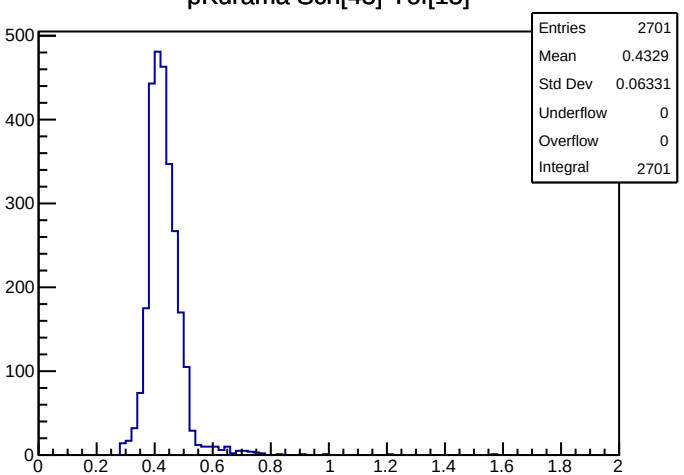

m2 Sch[42]-Tof[19]
Entries 36287
Mean 0.7955
Std Dev 0.1298
Underflow 673
Overflow 569
Integral 3.504e+04

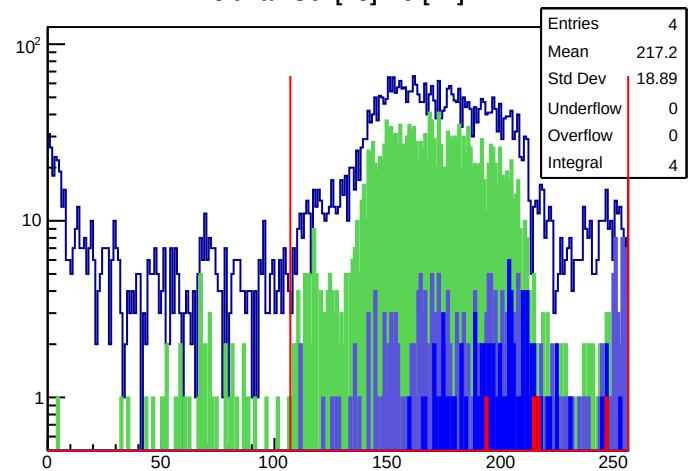

pKurama Sch[42]-Tof[19]
Entries 36287
Mean 0.9726
Std Dev 0.1157
Underflow 0
Overflow 1
Integral 3.629e+04

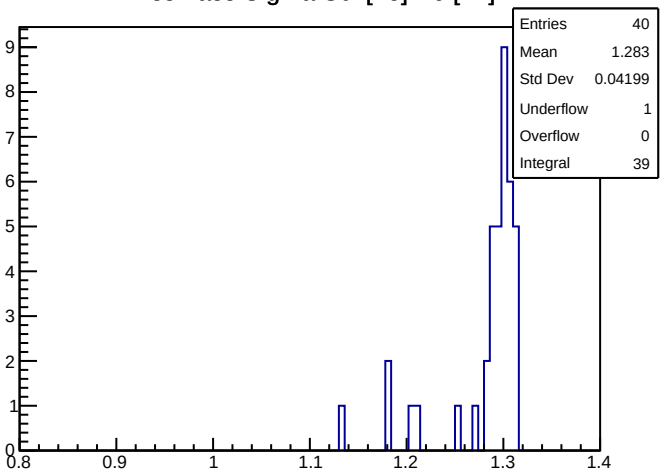

sftx all Sch[43]-Tof[13]
Entries 2
Mean 194.5
Std Dev 3.5
Underflow 0
Overflow 0
Integral 2
10^2
10
1
0
50
100
150
200
250

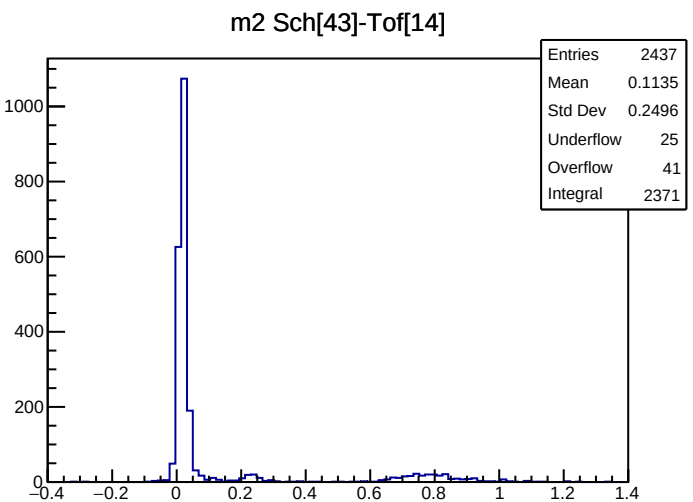

MissMass Sigma Sch[43]-Tof[13]
Entries 37
Mean 1.283
Std Dev 0.09396
Underflow 0
Overflow 0
Integral 37
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

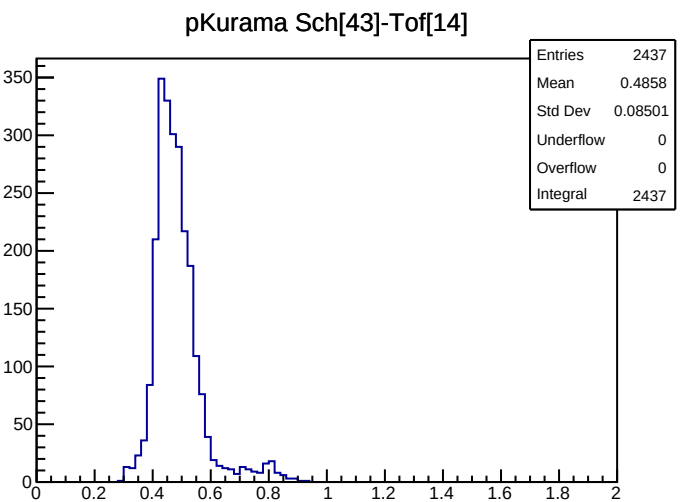

m2 Sch[43]-Tof[13]
Entries 2701
Mean 0.0297
Std Dev 0.1276
Underflow 58
Overflow 40
Integral 2603
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

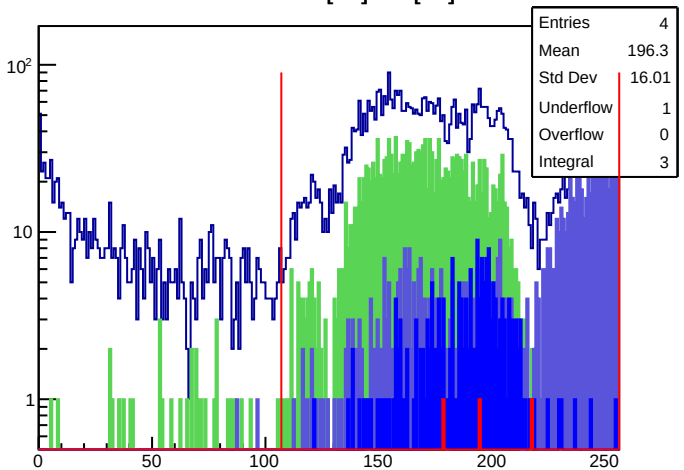

pKurama Sch[43]-Tof[13]
Entries 2701
Mean 0.4329
Std Dev 0.06331
Underflow 0
Overflow 0
Integral 2701
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

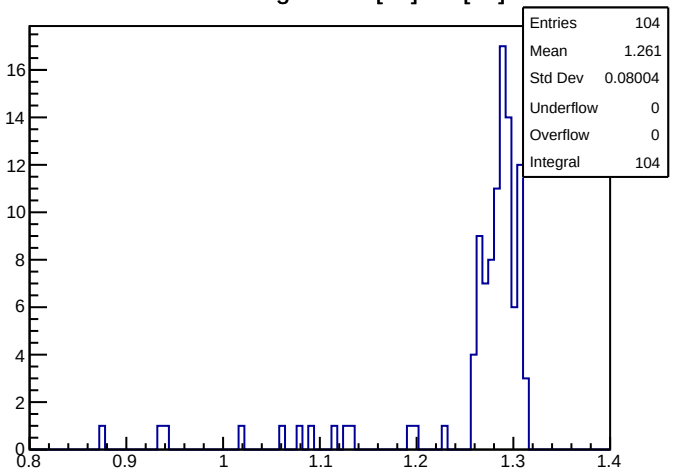

sftx all Sch[43]-Tof[14]
Entries 4
Mean 217.2
Std Dev 18.89
Underflow 0
Overflow 0
Integral 4

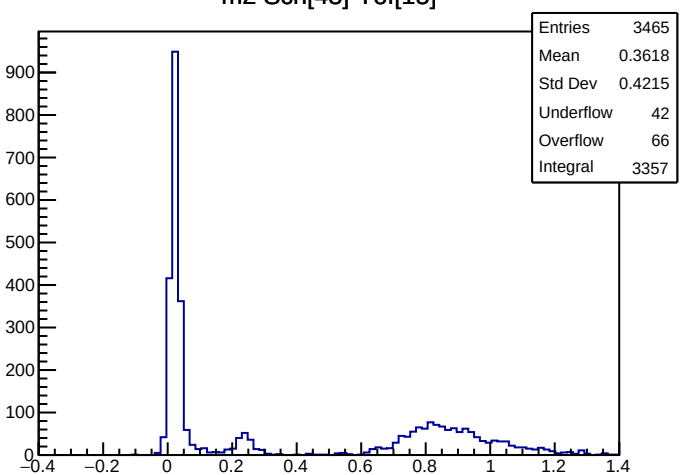

MissMass Sigma Sch[43]-Tof[14]
Entries 40
Mean 1.283
Std Dev 0.04199
Underflow 1
Overflow 0
Integral 39

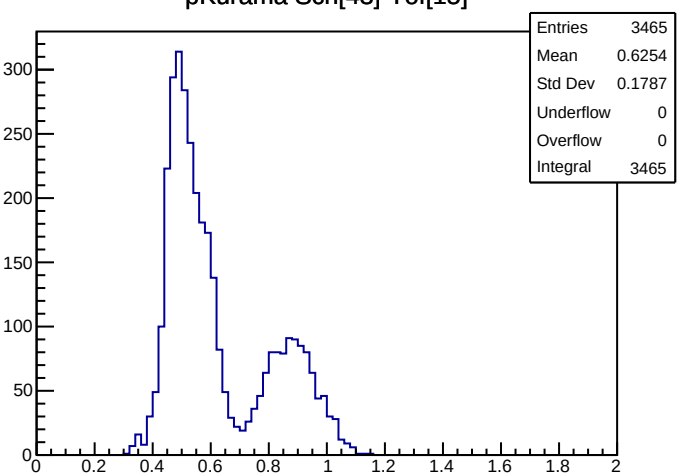

m2 Sch[43]-Tof[14]
Entries 2437
Mean 0.1135
Std Dev 0.2496
Underflow 25
Overflow 41
Integral 2371

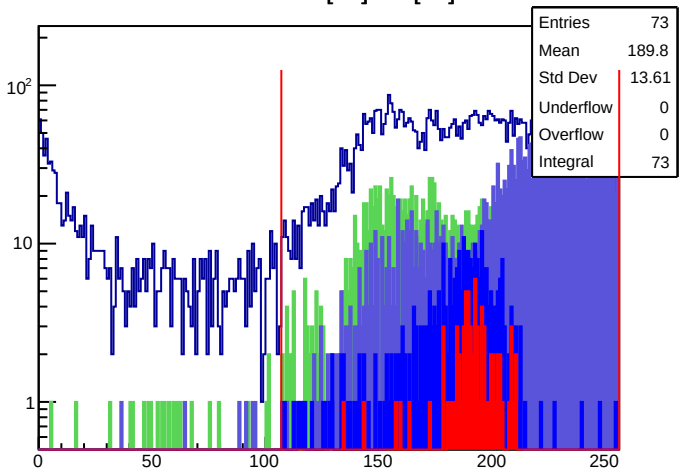

pKurama Sch[43]-Tof[14]
Entries 2437
Mean 0.4858
Std Dev 0.08501
Underflow 0
Overflow 0
Integral 2437

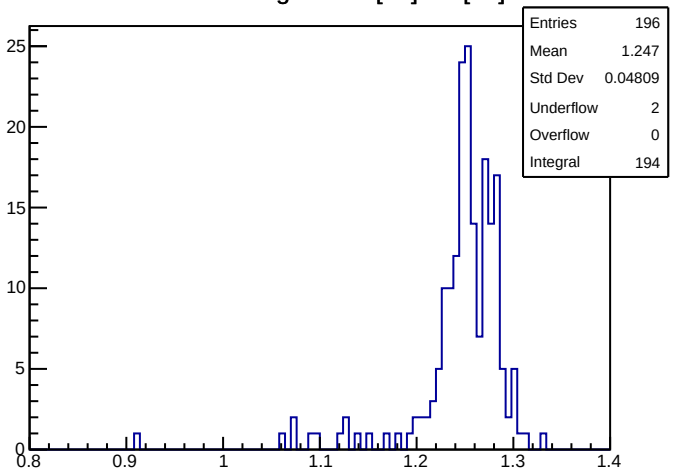

sftx all Sch[43]-Tof[15]
Entries 4
Mean 196.3
Std Dev 16.01
Underflow 1
Overflow 0
Integral 3

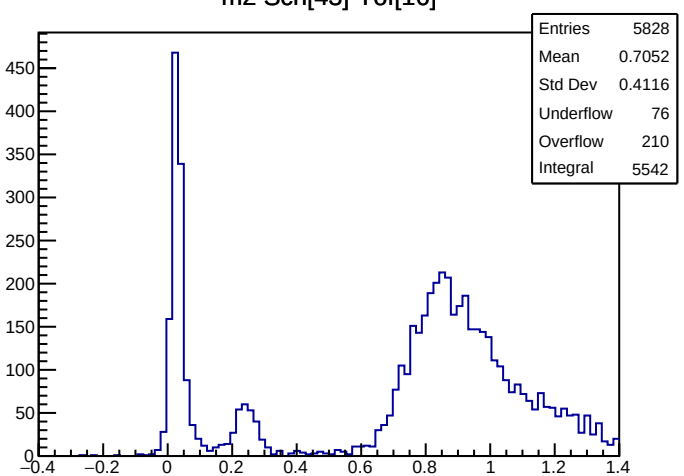

MissMass Sigma Sch[43]-Tof[15]
Entries 104
Mean 1.261
Std Dev 0.08004
Underflow 0
Overflow 0
Integral 104

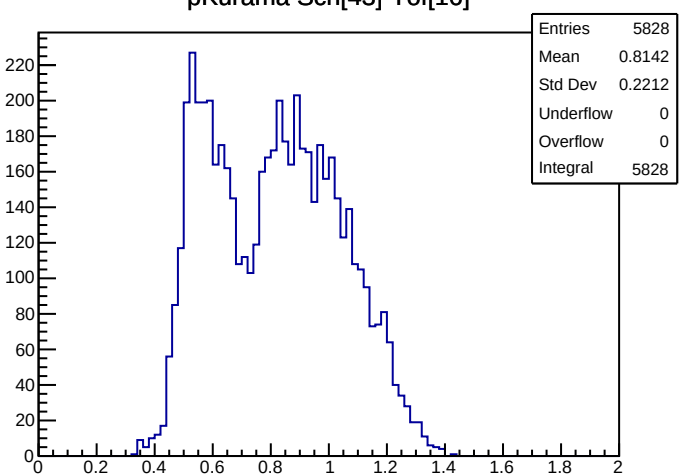

m2 Sch[43]-Tof[15]
Entries 3465
Mean 0.3618
Std Dev 0.4215
Underflow 42
Overflow 66
Integral 3357

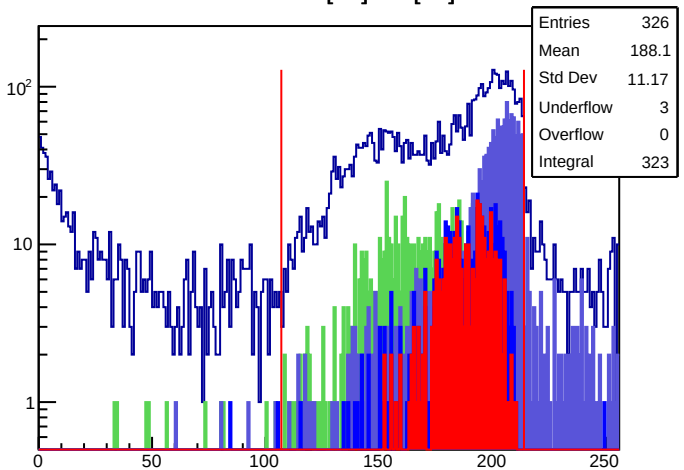

pKurama Sch[43]-Tof[15]
Entries 3465
Mean 0.6254
Std Dev 0.1787
Underflow 0
Overflow 0
Integral 3465

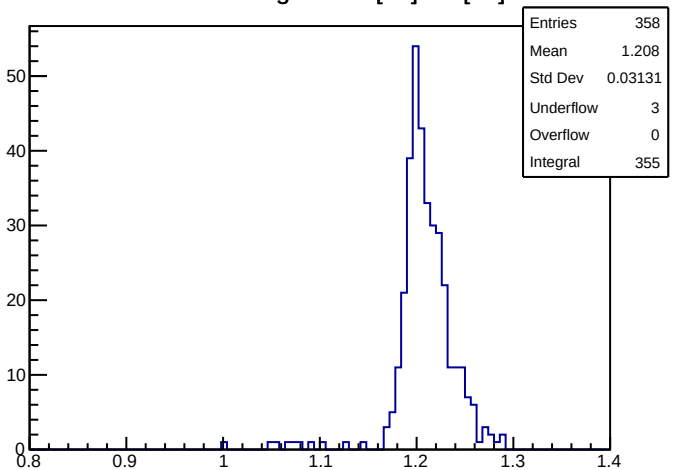

sftx all Sch[43]-Tof[16]
Entries 73
Mean 189.8
Std Dev 13.61
Underflow 0
Overflow 0
Integral 73

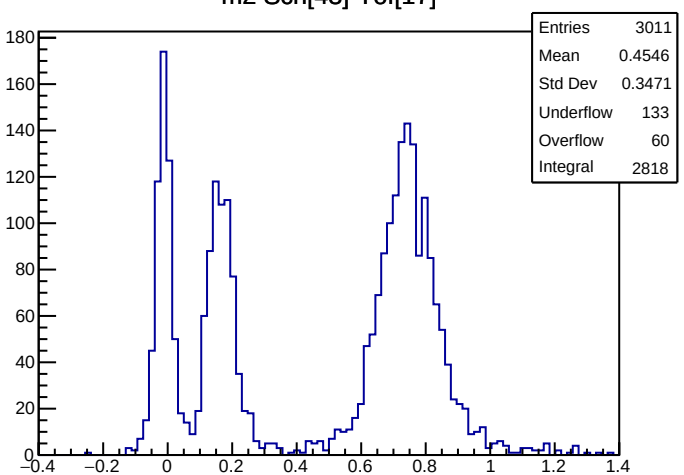

MissMass Sigma Sch[43]-Tof[16]
Entries 196
Mean 1.247
Std Dev 0.04809
Underflow 2
Overflow 0
Integral 194

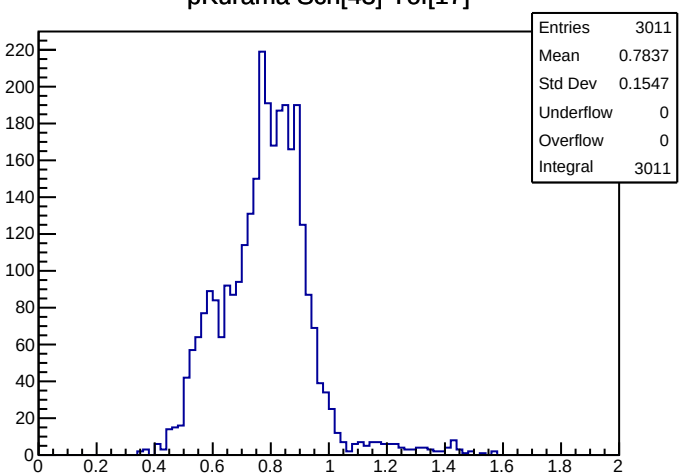

m2 Sch[43]-Tof[16]
Entries 5828
Mean 0.7052
Std Dev 0.4116
Underflow 76
Overflow 210
Integral 5542

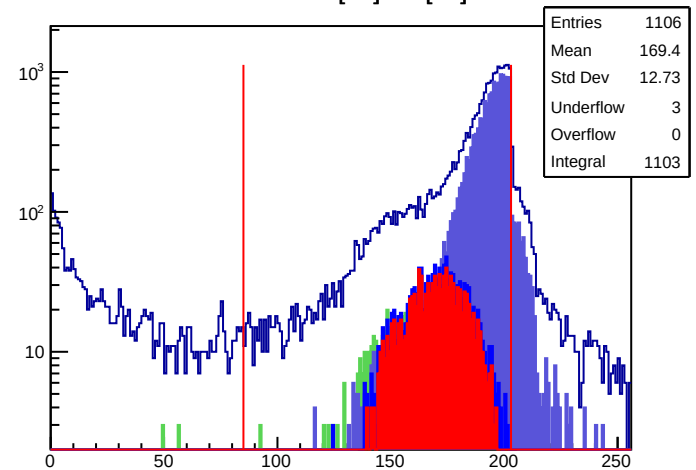

pKurama Sch[43]-Tof[16]
Entries 5828
Mean 0.8142
Std Dev 0.2212
Underflow 0
Overflow 0
Integral 5828

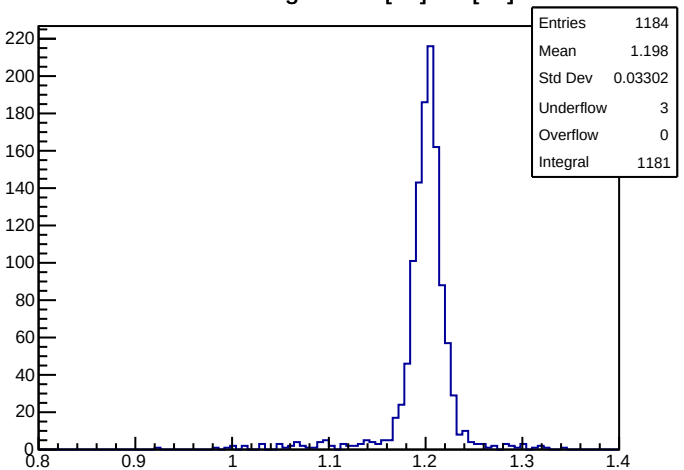

sftx all Sch[43]-Tof[17]
Entries 326
Mean 188.1
Std Dev 11.17
Underflow 3
Overflow 0
Integral 323

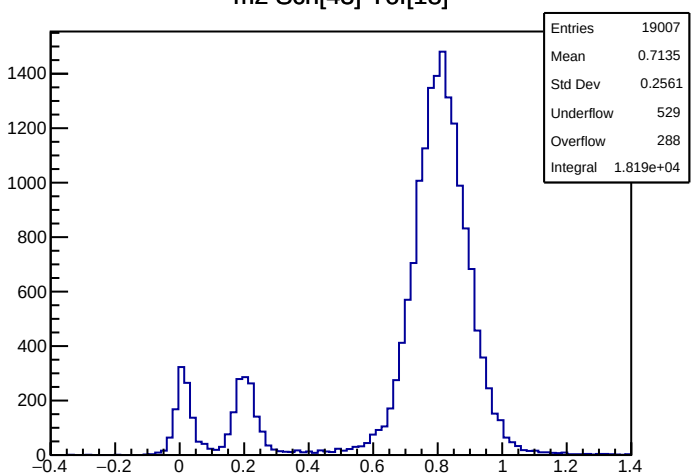

MissMass Sigma Sch[43]-Tof[17]
Entries 358
Mean 1.208
Std Dev 0.03131
Underflow 3
Overflow 0
Integral 355

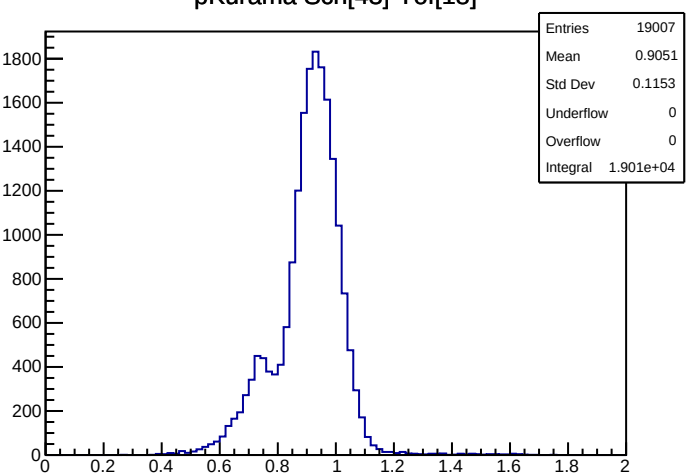

m2 Sch[43]-Tof[17]
Entries 3011
Mean 0.4546
Std Dev 0.3471
Underflow 133
Overflow 60
Integral 2818

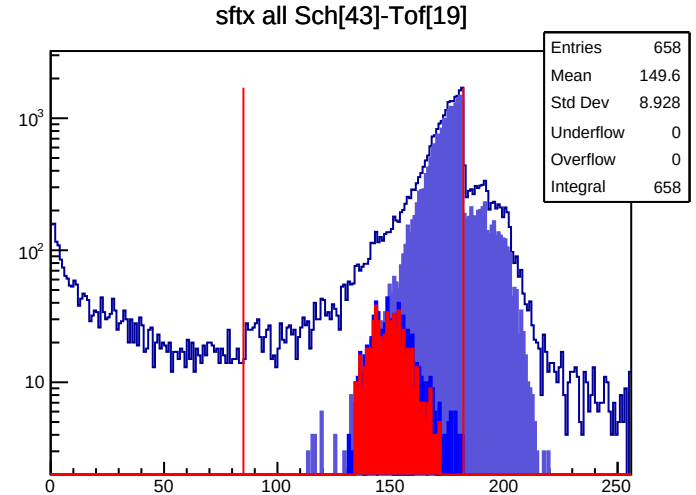

pKurama Sch[43]-Tof[17]
Entries 3011
Mean 0.7837
Std Dev 0.1547
Underflow 0
Overflow 0
Integral 3011

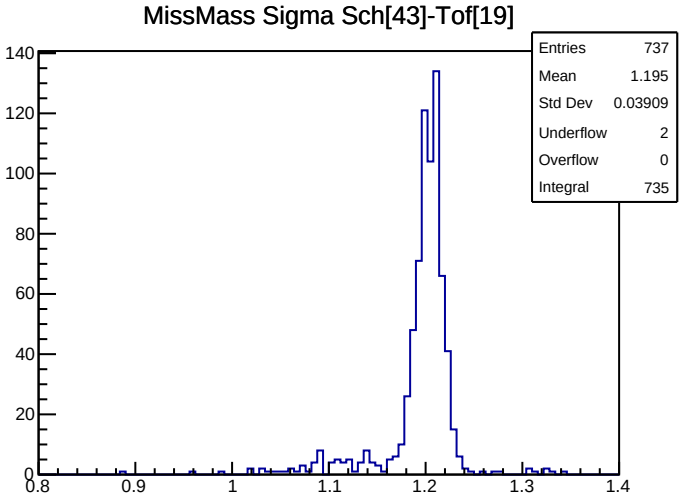

sftx all Sch[43]-Tof[18]
Entries 1106
Mean 169.4
Std Dev 12.73
Underflow 3
Overflow 0
Integral 1103

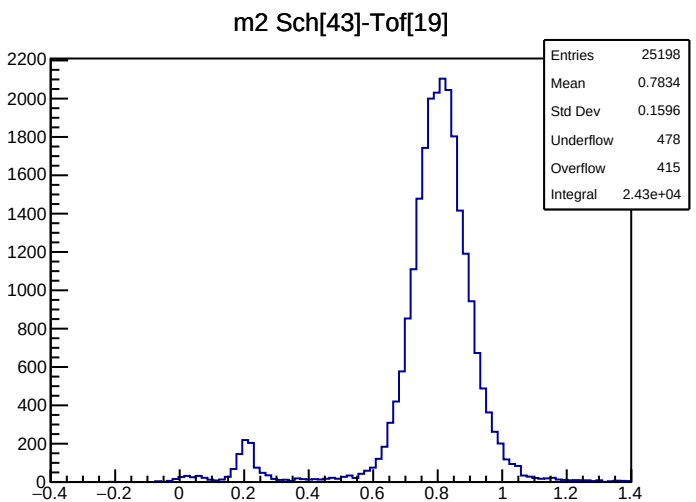

MissMass Sigma Sch[43]-Tof[18]
Entries 1184
Mean 1.198
Std Dev 0.03302
Underflow 3
Overflow 0
Integral 1181

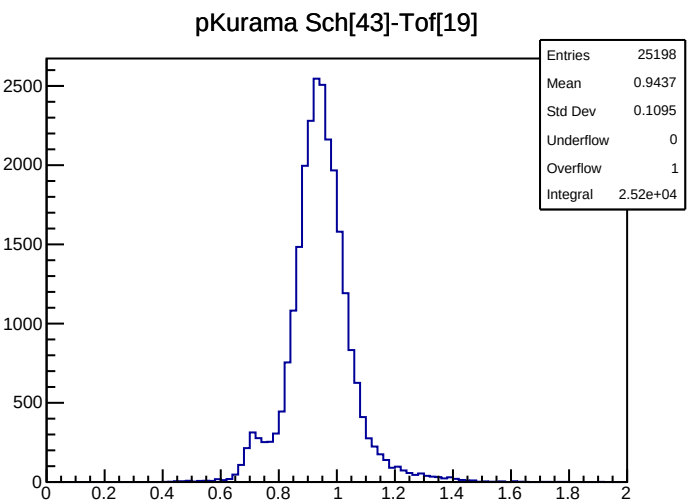

m2 Sch[43]-Tof[18]
Entries 19007
Mean 0.7135
Std Dev 0.2561
Underflow 529
Overflow 288
Integral 1.819e+04

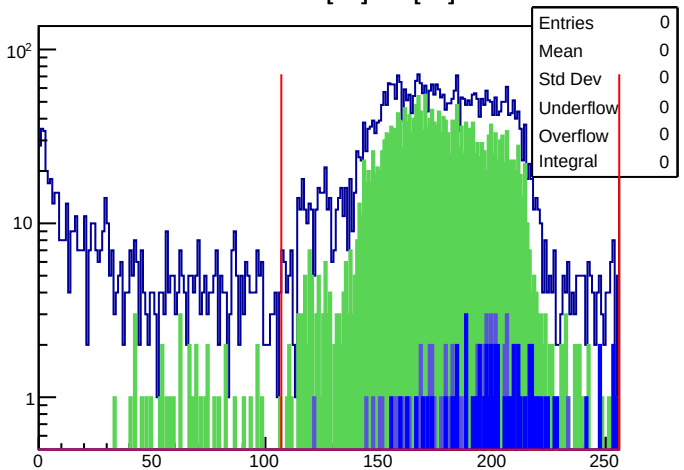

pKurama Sch[43]-Tof[18]
Entries 19007
Mean 0.9051
Std Dev 0.1153
Underflow 0
Overflow 0
Integral 1.901e+04

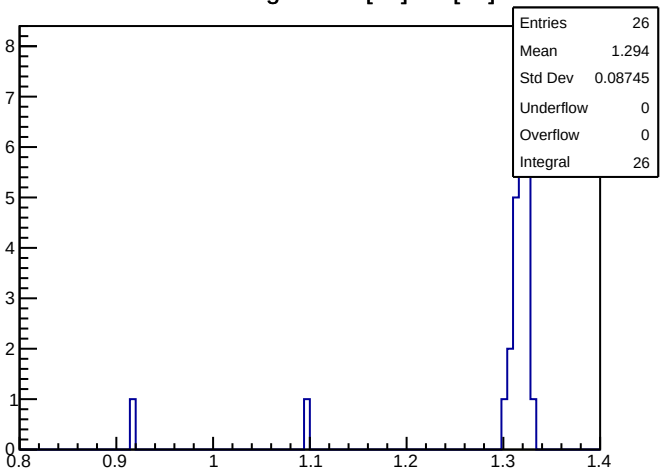

sftx all Sch[43]-Tof[19]
Entries 658
Mean 149.6
Std Dev 8.928
Underflow 0
Overflow 0
Integral 658

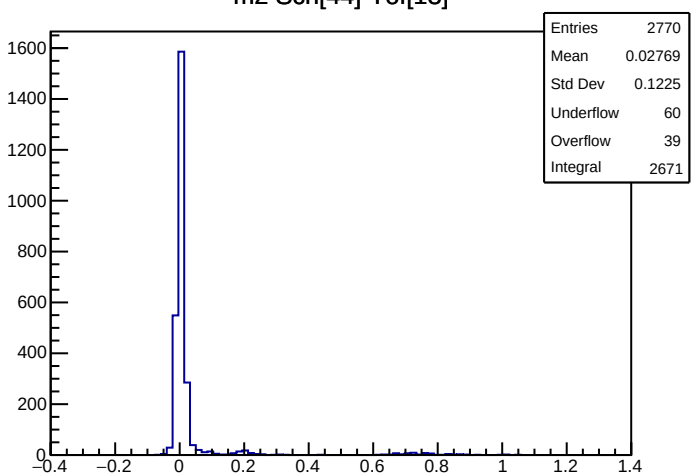

MissMass Sigma Sch[43]-Tof[19]
Entries 737
Mean 1.195
Std Dev 0.03909
Underflow 2
Overflow 0
Integral 735

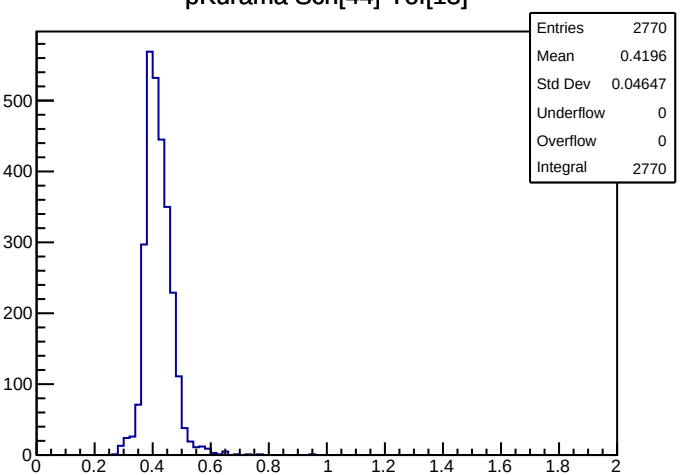

m2 Sch[43]-Tof[19]
Entries 25198
Mean 0.7834
Std Dev 0.1596
Underflow 478
Overflow 415
Integral 2.43e+04

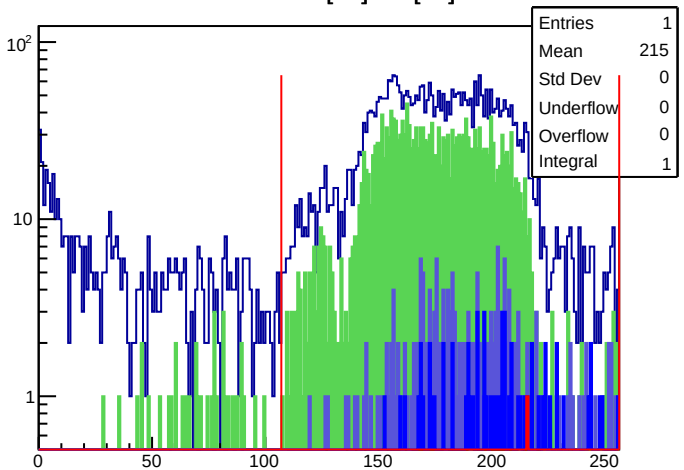

pKurama Sch[43]-Tof[19]
Entries 25198
Mean 0.9437
Std Dev 0.1095
Underflow 0
Overflow 1
Integral 2.52e+04

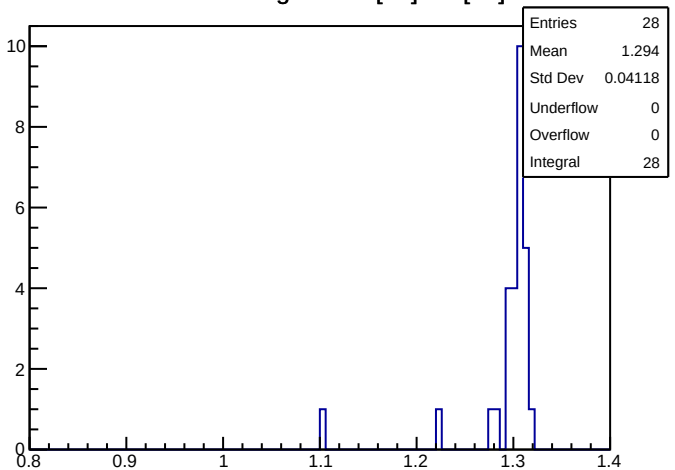

sftx all Sch[44]-Tof[13]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

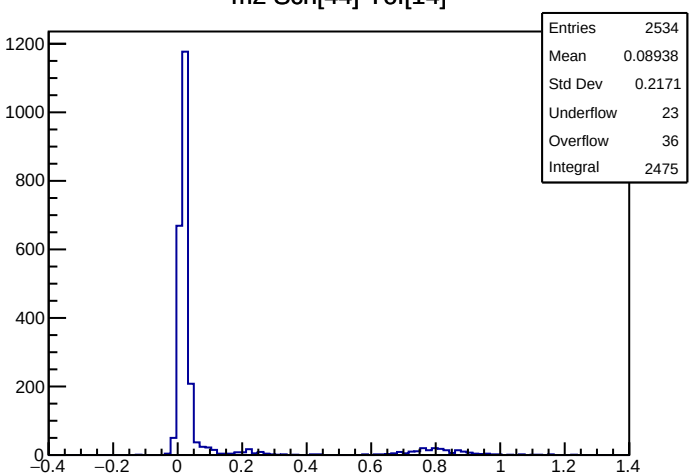

MissMass Sigma Sch[44]-Tof[13]
Entries 26
Mean 1.294
Std Dev 0.08745
Underflow 0
Overflow 0
Integral 26

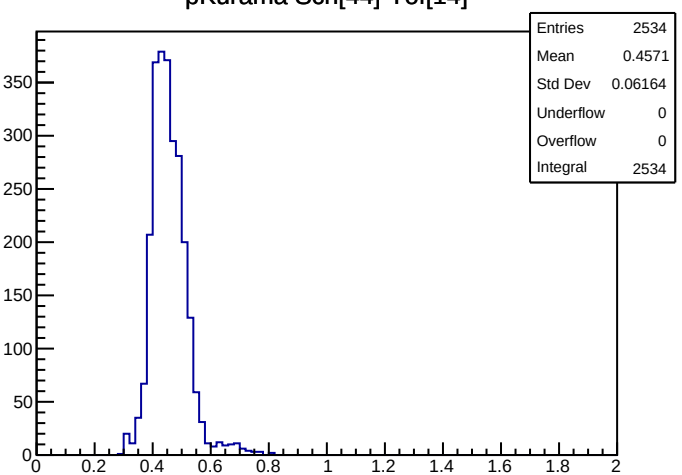

m2 Sch[44]-Tof[13]
Entries 2770
Mean 0.02769
Std Dev 0.1225
Underflow 60
Overflow 39
Integral 2671

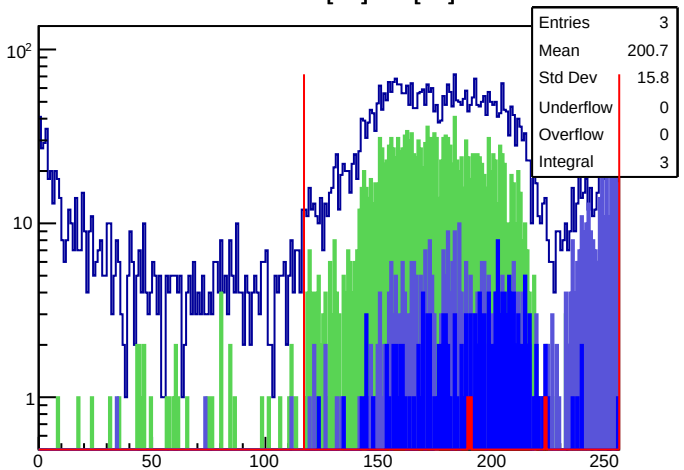

pKurama Sch[44]-Tof[13]
Entries 2770
Mean 0.4196
Std Dev 0.04647
Underflow 0
Overflow 0
Integral 2770

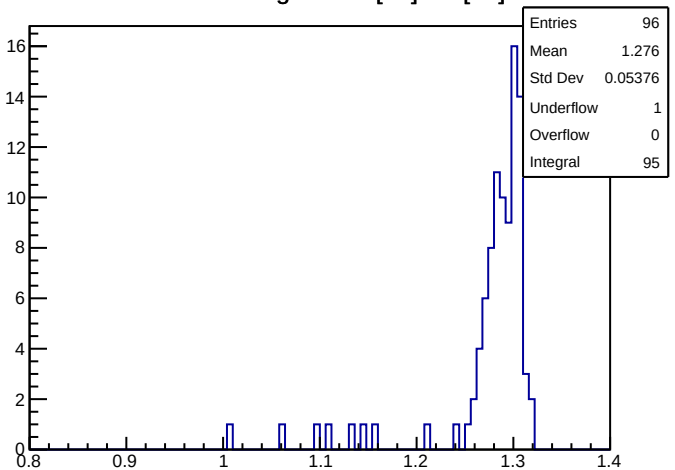

sftx all Sch[44]-Tof[14]
Entries 1
Mean 215
Std Dev 0
Underflow 0
Overflow 0
Integral 1

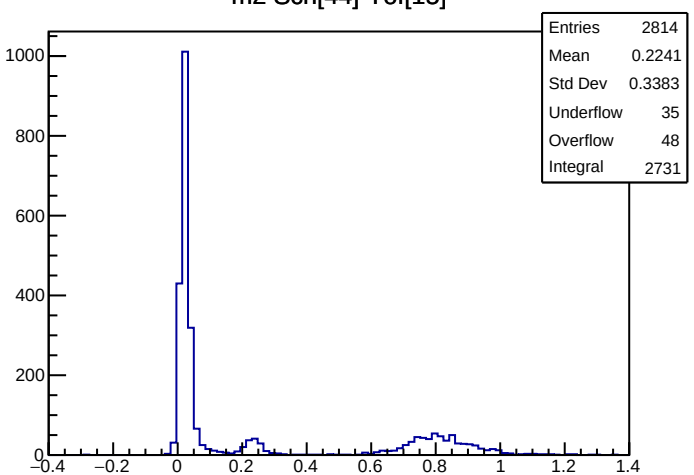

MissMass Sigma Sch[44]-Tof[14]
Entries 28
Mean 1.294
Std Dev 0.04118
Underflow 0
Overflow 0
Integral 28

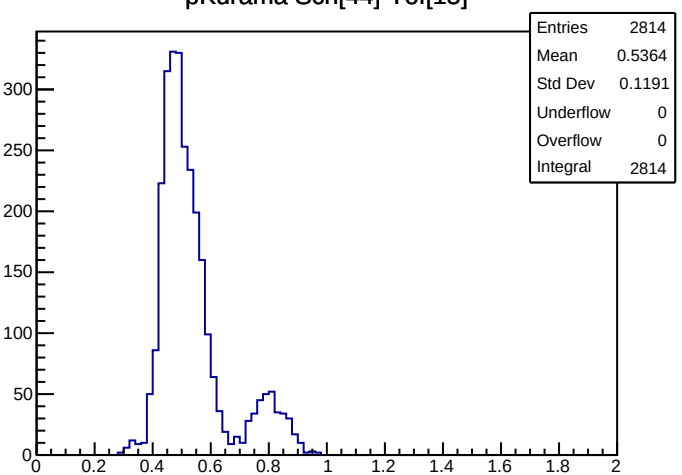

m2 Sch[44]-Tof[14]
Entries 2534
Mean 0.08938
Std Dev 0.2171
Underflow 23
Overflow 36
Integral 2475

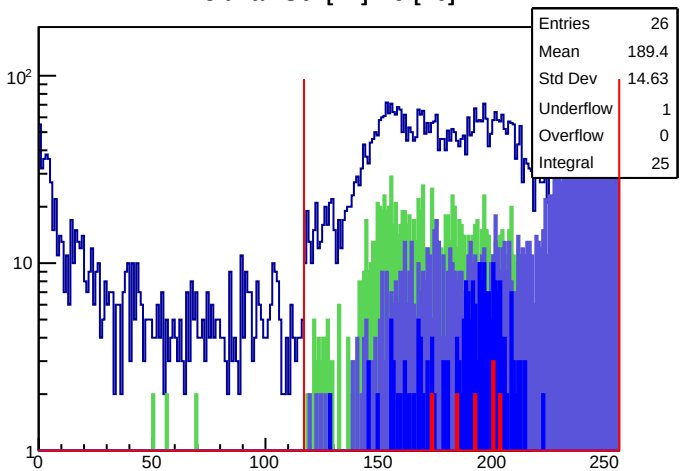

pKurama Sch[44]-Tof[14]
Entries 2534
Mean 0.4571
Std Dev 0.06164
Underflow 0
Overflow 0
Integral 2534

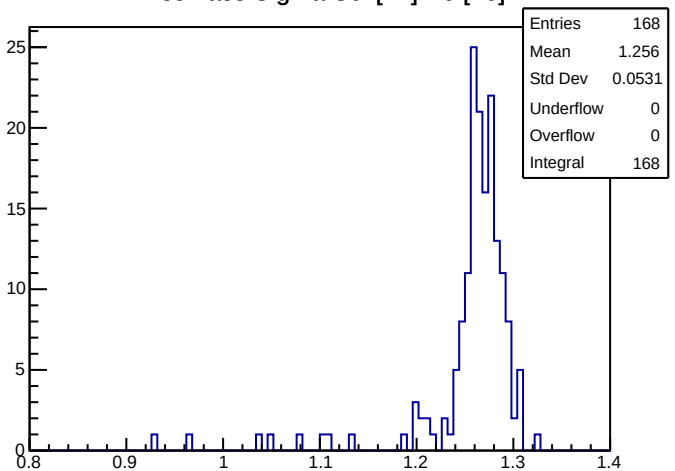

sftx all Sch[44]-Tof[15]
Entries 3
Mean 200.7
Std Dev 15.8
Underflow 0
Overflow 0
Integral 3

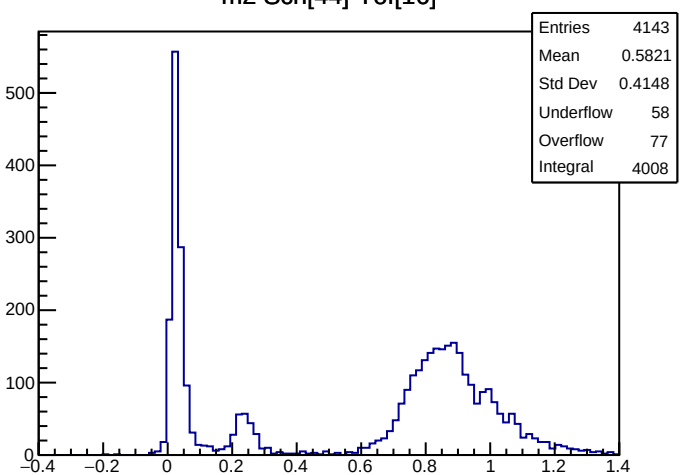

MissMass Sigma Sch[44]-Tof[15]
Entries 96
Mean 1.276
Std Dev 0.05376
Underflow 1
Overflow 0
Integral 95

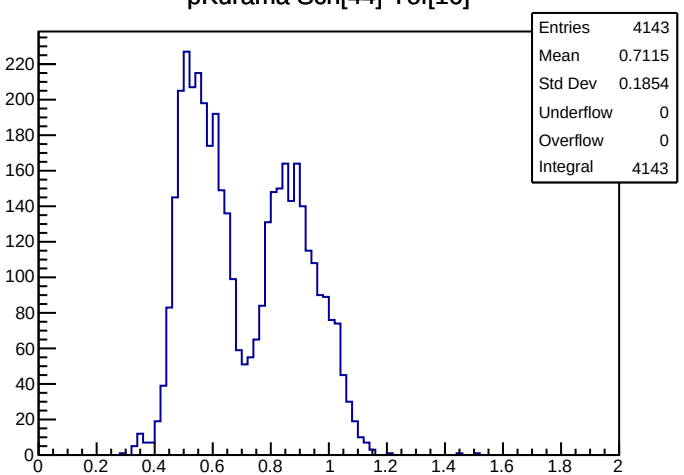

m2 Sch[44]-Tof[15]
Entries 2814
Mean 0.2241
Std Dev 0.3383
Underflow 35
Overflow 48
Integral 2731

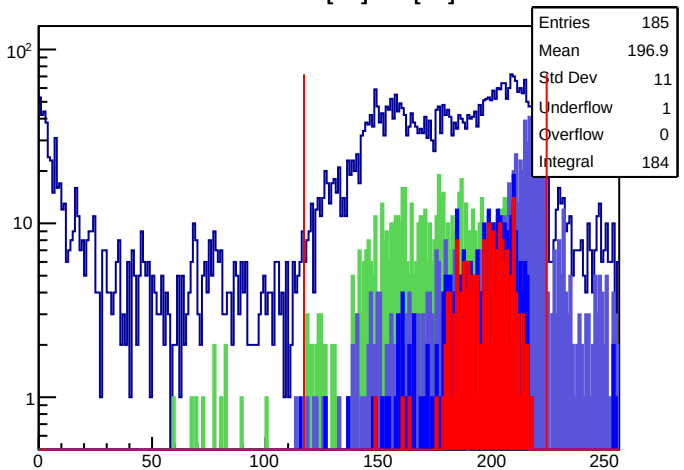

pKurama Sch[44]-Tof[15]
Entries 2814
Mean 0.5364
Std Dev 0.1191
Underflow 0
Overflow 0
Integral 2814

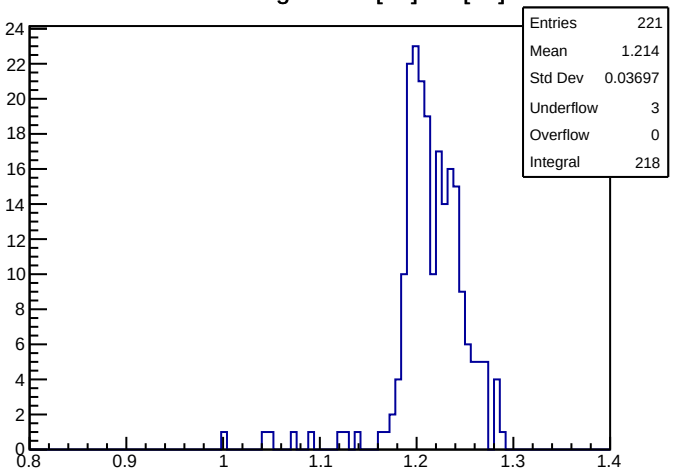

sftx all Sch[44]-Tof[16]
Entries 26
Mean 189.4
Std Dev 14.63
Underflow 1
Overflow 0
Integral 25
10²
10
1
0
50
100
150
200
250

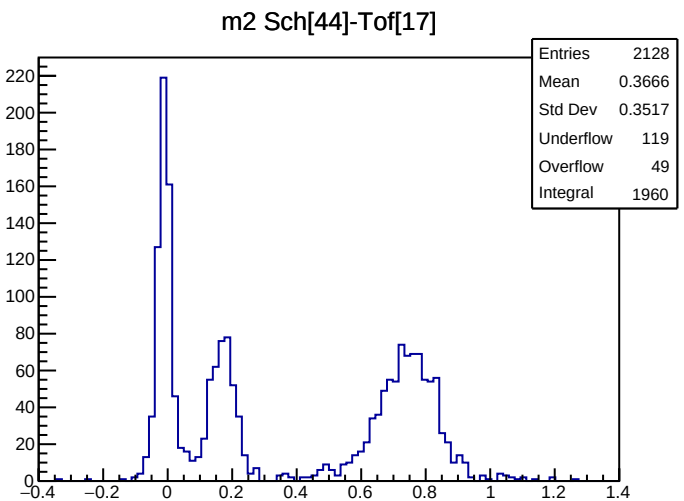

MissMass Sigma Sch[44]-Tof[16]
Entries 168
Mean 1.256
Std Dev 0.0531
Underflow 0
Overflow 0
Integral 168
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

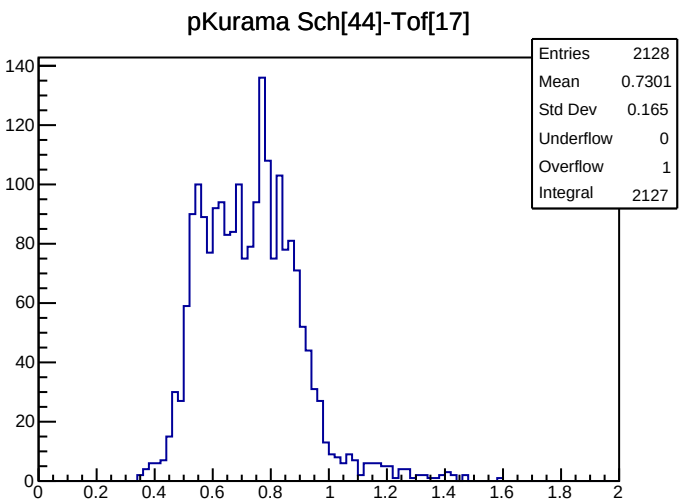

m2 Sch[44]-Tof[16]
Entries 4143
Mean 0.5821
Std Dev 0.4148
Underflow 58
Overflow 77
Integral 4008
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

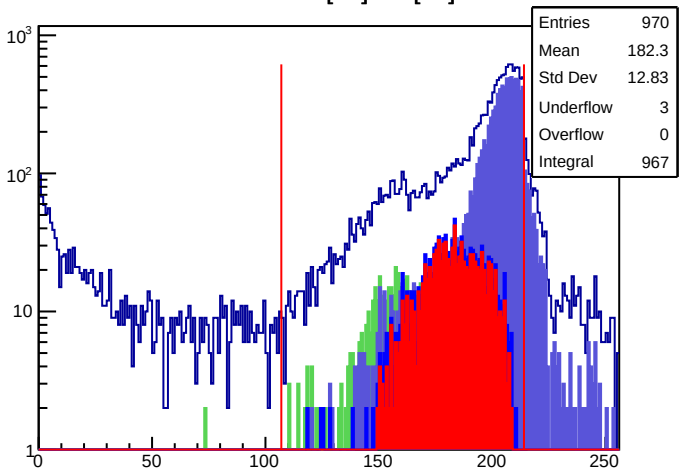

pKurama Sch[44]-Tof[16]
Entries 4143
Mean 0.7115
Std Dev 0.1854
Underflow 0
Overflow 0
Integral 4143
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

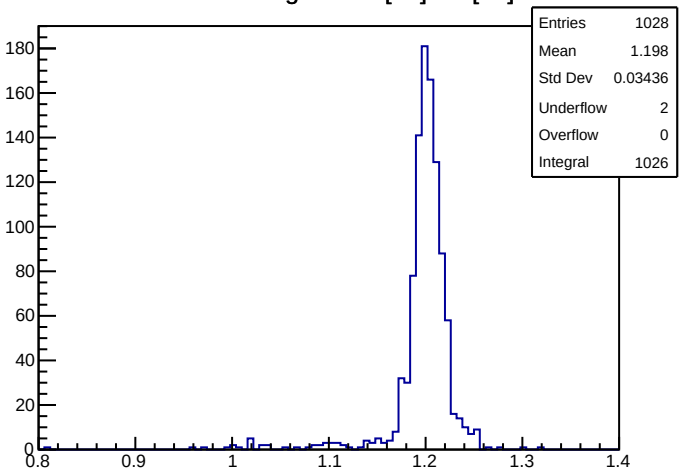

sftx all Sch[44]-Tof[17]
Entries 185
Mean 196.9
Std Dev 11
Underflow 1
Overflow 0
Integral 184

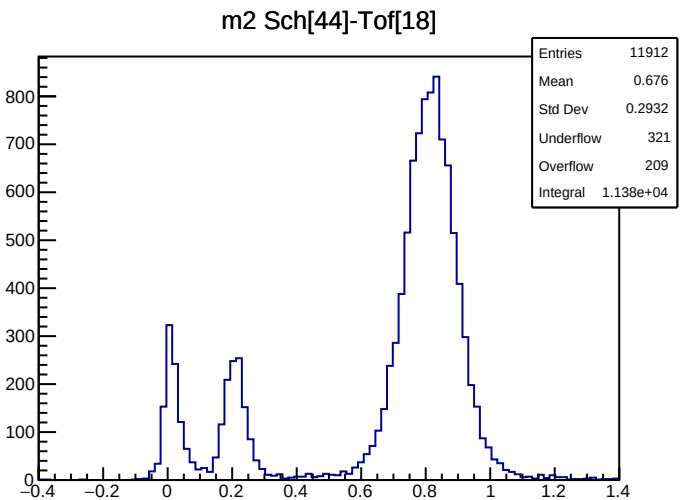

MissMass Sigma Sch[44]-Tof[17]
Entries 221
Mean 1.214
Std Dev 0.03697
Underflow 3
Overflow 0
Integral 218

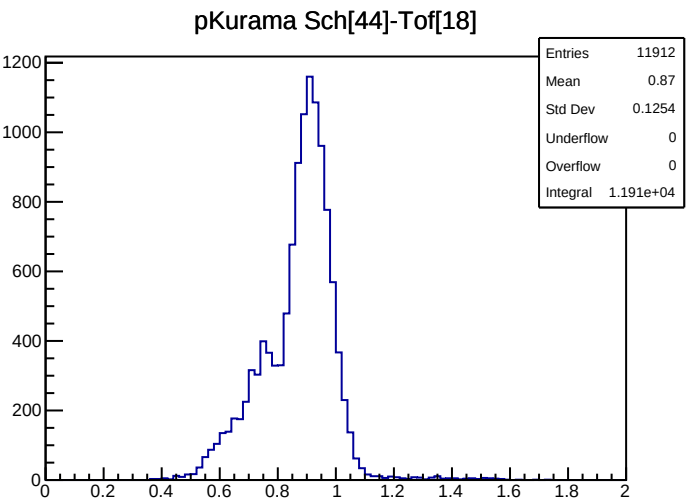

m2 Sch[44]-Tof[17]
Entries 2128
Mean 0.3666
Std Dev 0.3517
Underflow 119
Overflow 49
Integral 1960

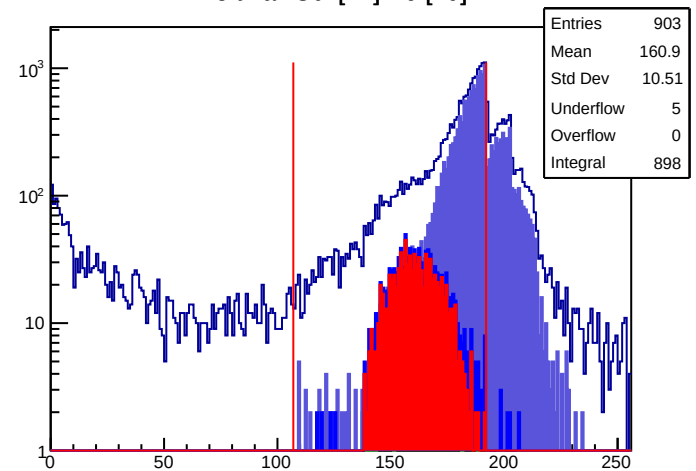

pKurama Sch[44]-Tof[17]
Entries 2128
Mean 0.7301
Std Dev 0.165
Underflow 0
Overflow 1
Integral 2127

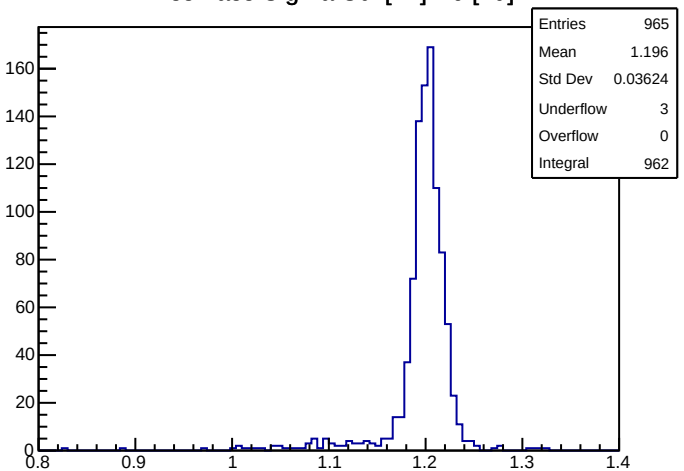

sftx all Sch[44]-Tof[18]
Entries 970
Mean 182.3
Std Dev 12.83
Underflow 3
Overflow 0
Integral 967

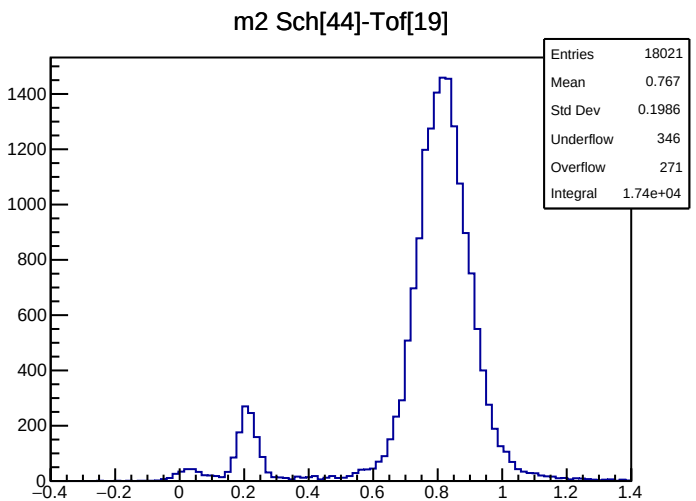

MissMass Sigma Sch[44]-Tof[18]
Entries 1028
Mean 1.198
Std Dev 0.03436
Underflow 2
Overflow 0
Integral 1026

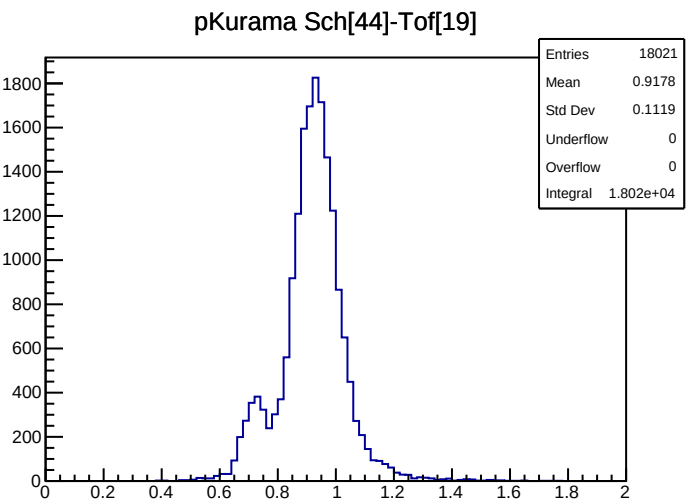

m2 Sch[44]-Tof[18]
Entries 11912
Mean 0.676
Std Dev 0.2932
Underflow 321
Overflow 209
Integral 1.138e+04

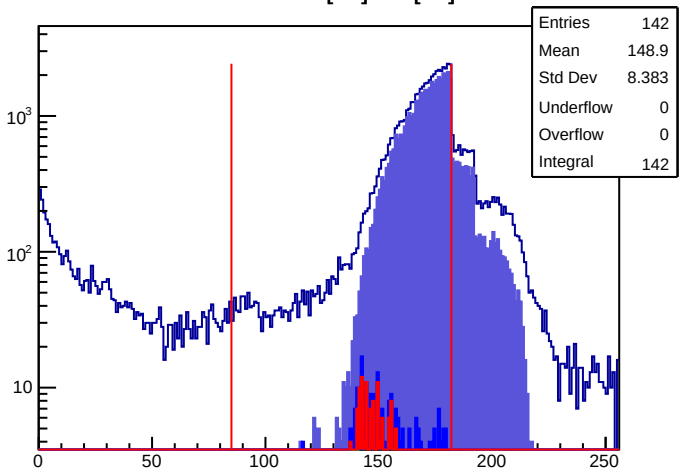

pKurama Sch[44]-Tof[18]
Entries 11912
Mean 0.87
Std Dev 0.1254
Underflow 0
Overflow 0
Integral 1.191e+04

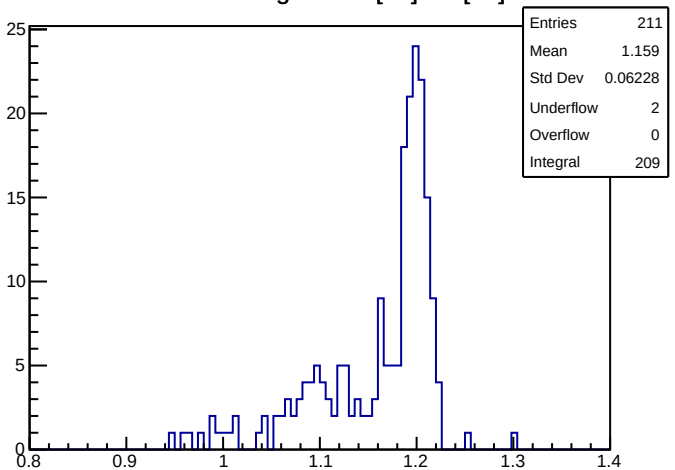

sftx all Sch[44]-Tof[19]
Entries 903
Mean 160.9
Std Dev 10.51
Underflow 5
Overflow 0
Integral 898

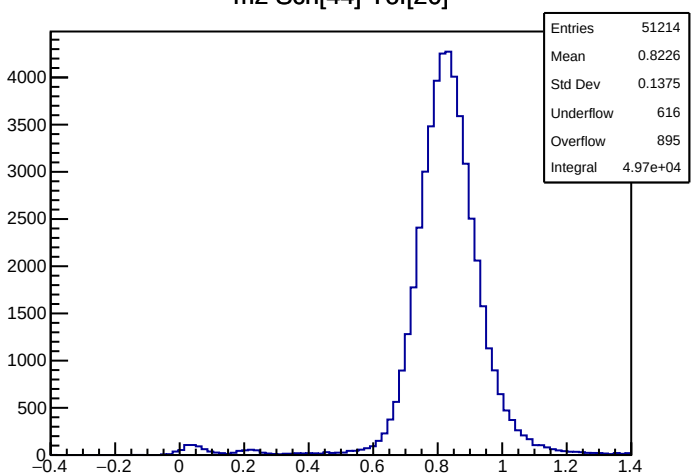

MissMass Sigma Sch[44]-Tof[19]
Entries 965
Mean 1.196
Std Dev 0.03624
Underflow 3
Overflow 0
Integral 962

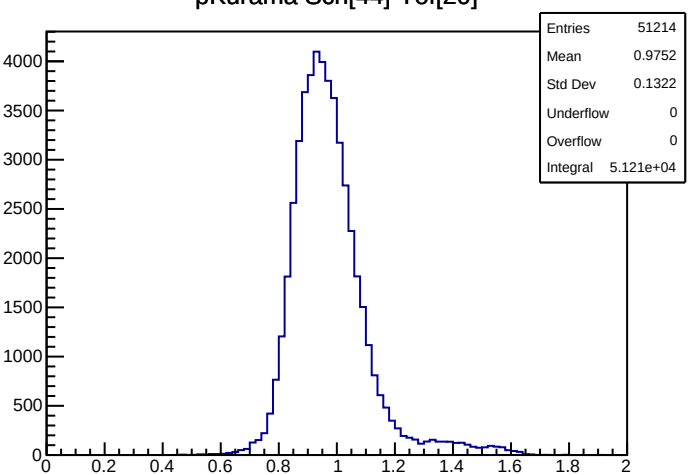

m2 Sch[44]-Tof[19]
Entries 18021
Mean 0.767
Std Dev 0.1986
Underflow 346
Overflow 271
Integral 1.74e+04

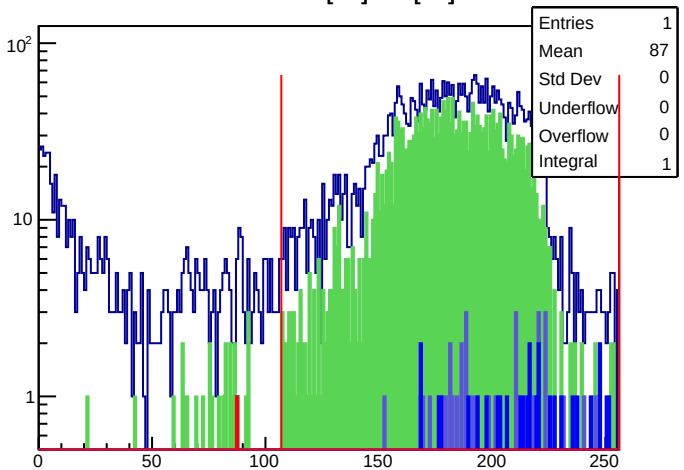

pKurama Sch[44]-Tof[19]
Entries 18021
Mean 0.9178
Std Dev 0.1119
Underflow 0
Overflow 0
Integral 1.802e+04

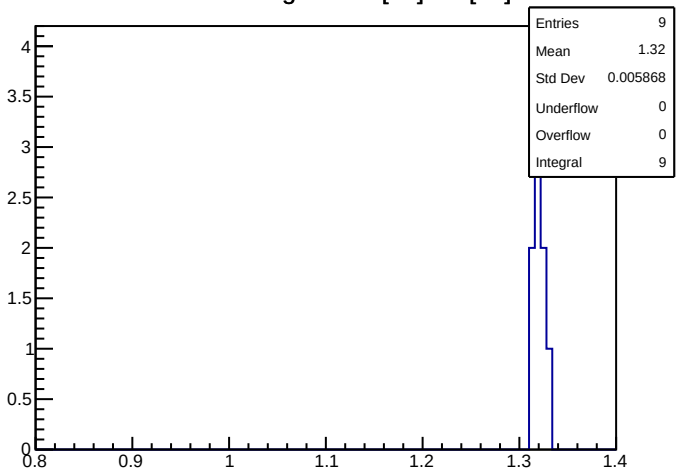

sftx all Sch[44]-Tof[20]
Entries 142
Mean 148.9
Std Dev 8.383
Underflow 0
Overflow 0
Integral 142

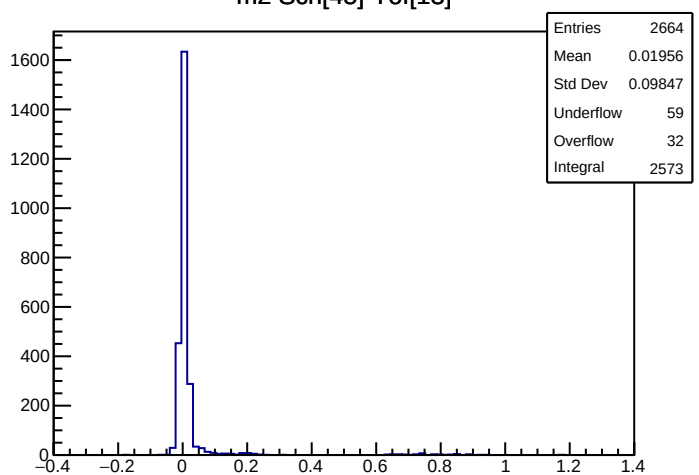

MissMass Sigma Sch[44]-Tof[20]
Entries 211
Mean 1.159
Std Dev 0.06228
Underflow 2
Overflow 0
Integral 209

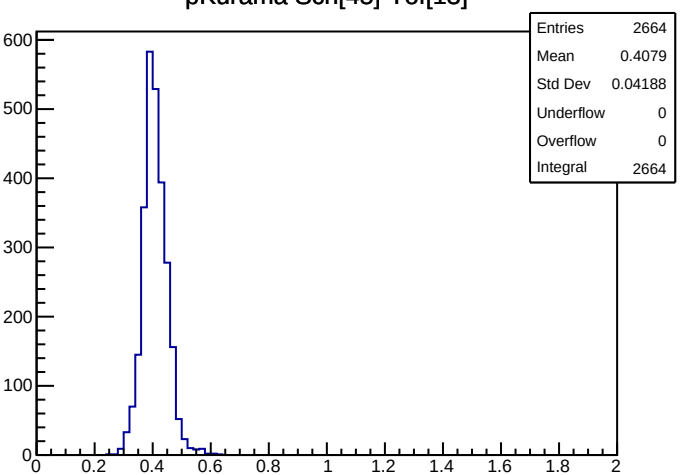

m2 Sch[44]-Tof[20]
Entries 51214
Mean 0.8226
Std Dev 0.1375
Underflow 616
Overflow 895
Integral 4.97e+04

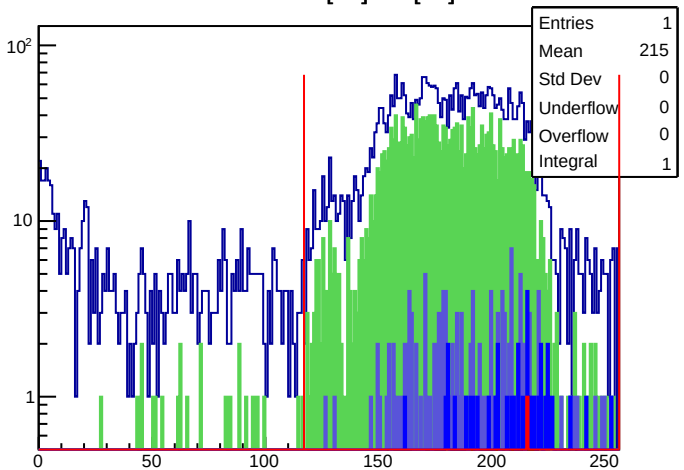

pKurama Sch[44]-Tof[20]
Entries 51214
Mean 0.9752
Std Dev 0.1322
Underflow 0
Overflow 0
Integral 5.121e+04

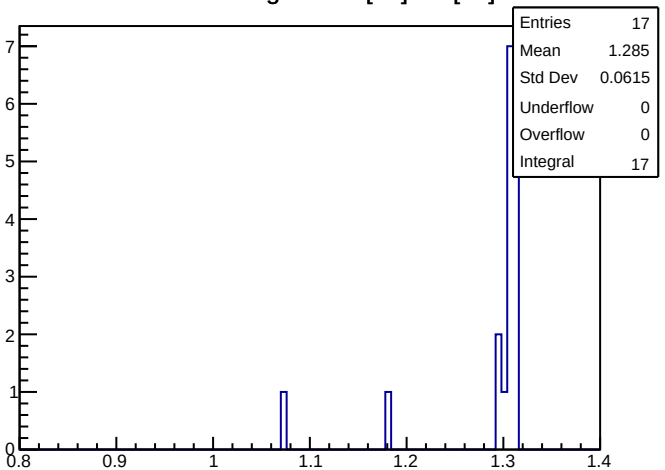

sftx all Sch[45]-Tof[13]
Entries 1
Mean 87
Std Dev 0
Underflow 0
Overflow 0
Integral 1

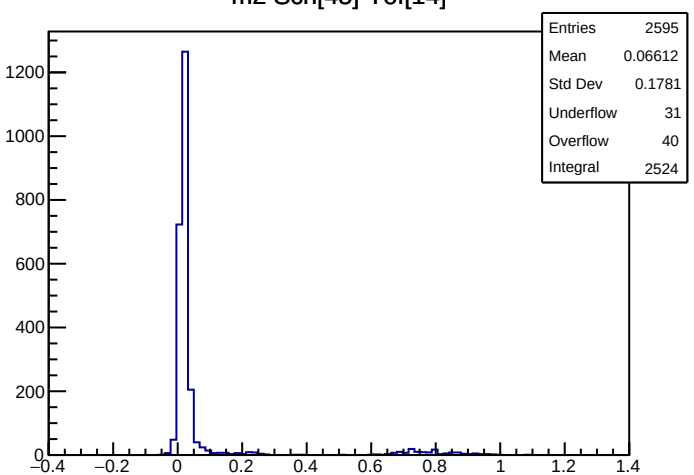

MissMass Sigma Sch[45]-Tof[13]
Entries 9
Mean 1.32
Std Dev 0.005868
Underflow 0
Overflow 0
Integral 9

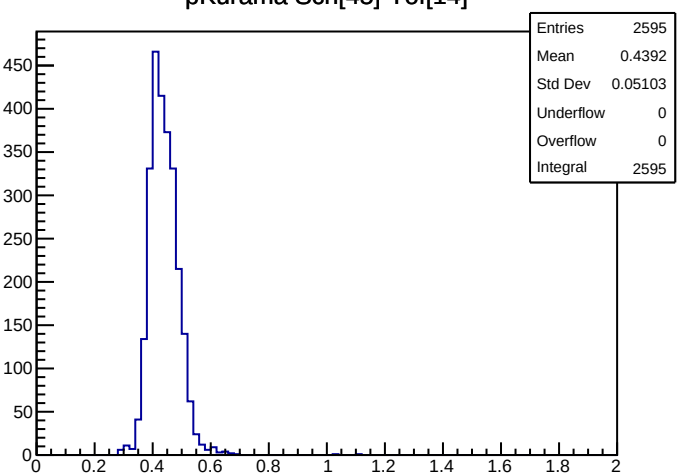

m2 Sch[45]-Tof[13]
Entries 2664
Mean 0.01956
Std Dev 0.09847
Underflow 59
Overflow 32
Integral 2573

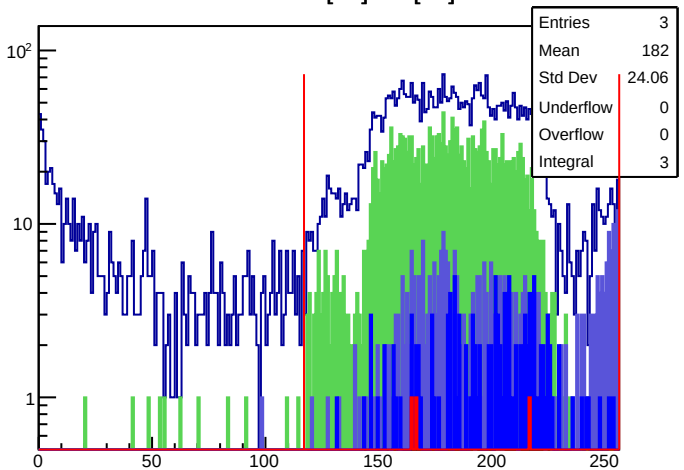

pKurama Sch[45]-Tof[13]
Entries 2664
Mean 0.4079
Std Dev 0.04188
Underflow 0
Overflow 0
Integral 2664

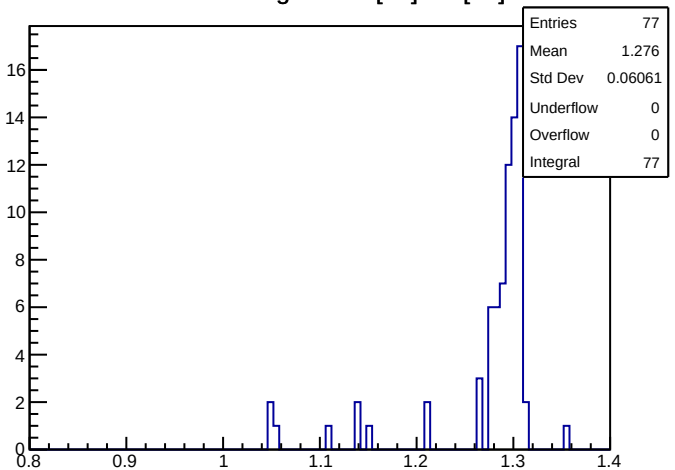

sftx all Sch[45]-Tof[14]
Entries 1
Mean 215
Std Dev 0
Underflow 0
Overflow 0
Integral 1

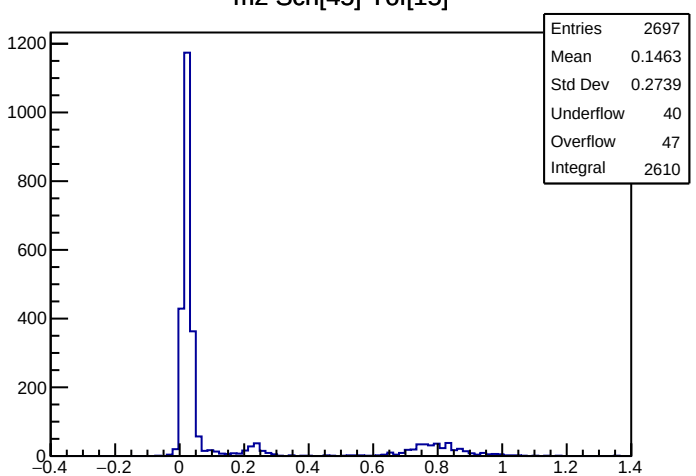

MissMass Sigma Sch[45]-Tof[14]
Entries 17
Mean 1.285
Std Dev 0.0615
Underflow 0
Overflow 0
Integral 17

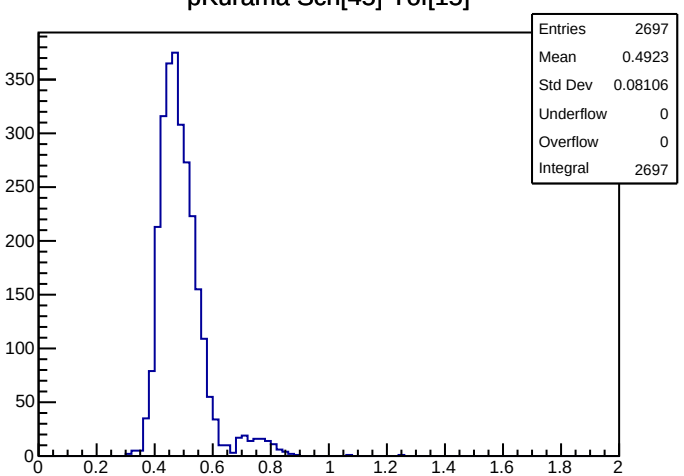

m2 Sch[45]-Tof[14]
Entries 2595
Mean 0.06612
Std Dev 0.1781
Underflow 31
Overflow 40
Integral 2524

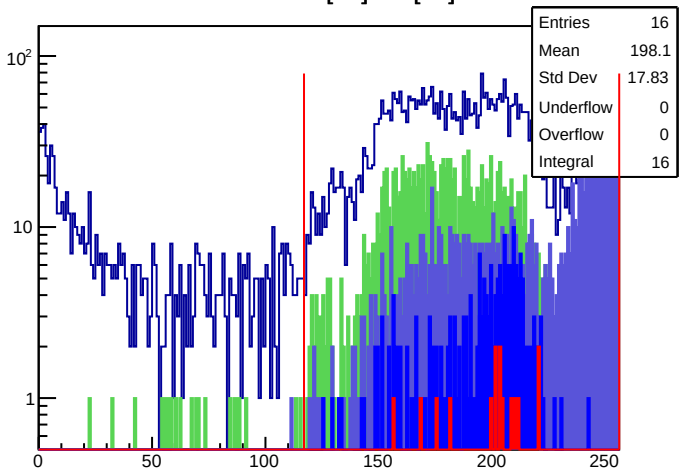

pKurama Sch[45]-Tof[14]
Entries 2595
Mean 0.4392
Std Dev 0.05103
Underflow 0
Overflow 0
Integral 2595

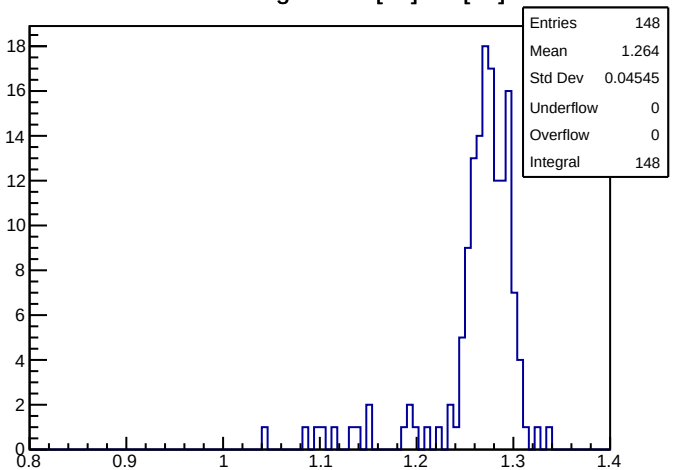

sftx all Sch[45]-Tof[15]
Entries 3
Mean 182
Std Dev 24.06
Underflow 0
Overflow 0
Integral 3
10²
10
1
0
50
100
150
200
250

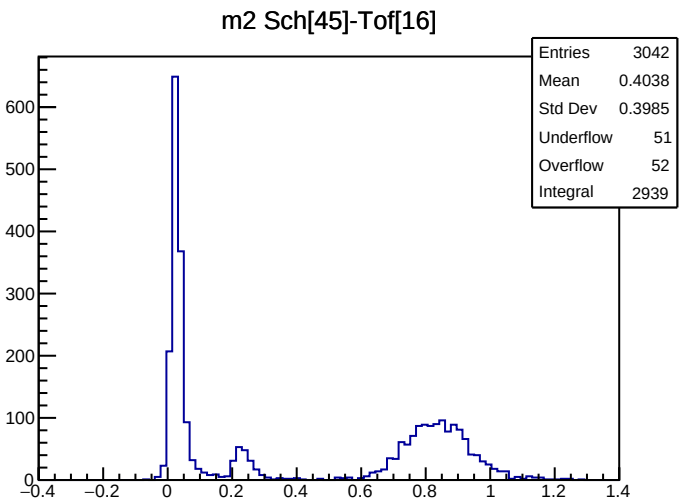

MissMass Sigma Sch[45]-Tof[15]
Entries 77
Mean 1.276
Std Dev 0.06061
Underflow 0
Overflow 0
Integral 77
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

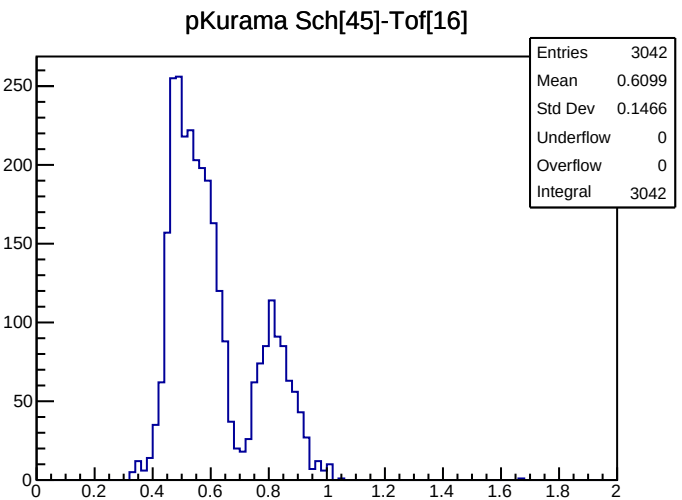

m2 Sch[45]-Tof[15]
Entries 2697
Mean 0.1463
Std Dev 0.2739
Underflow 40
Overflow 47
Integral 2610
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

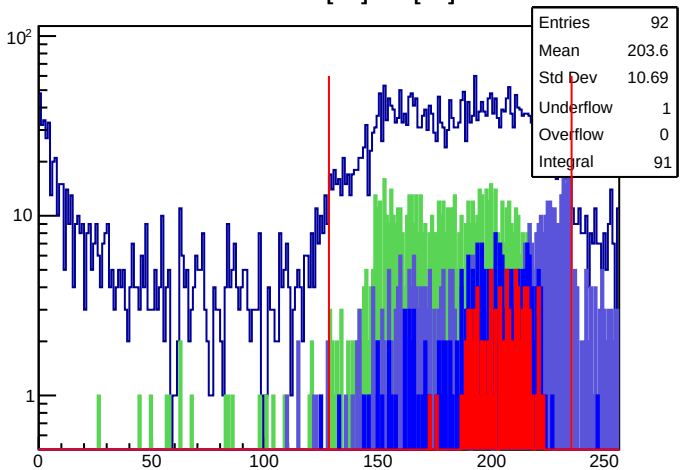

pKurama Sch[45]-Tof[15]
Entries 2697
Mean 0.4923
Std Dev 0.08106
Underflow 0
Overflow 0
Integral 2697
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

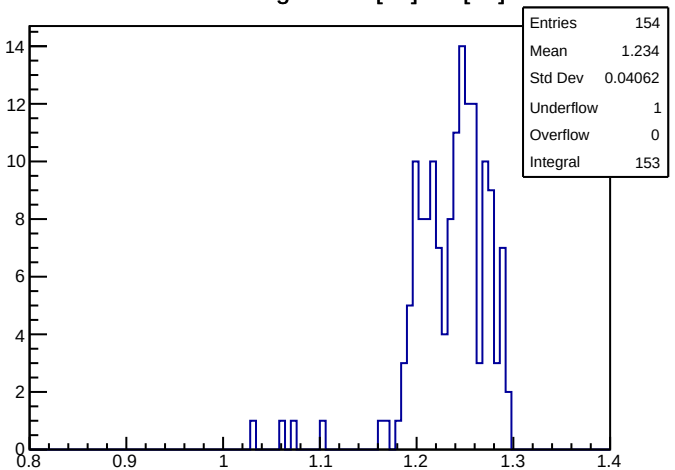

sftx all Sch[45]-Tof[16]
Entries 16
Mean 198.1
Std Dev 17.83
Underflow 0
Overflow 0
Integral 16

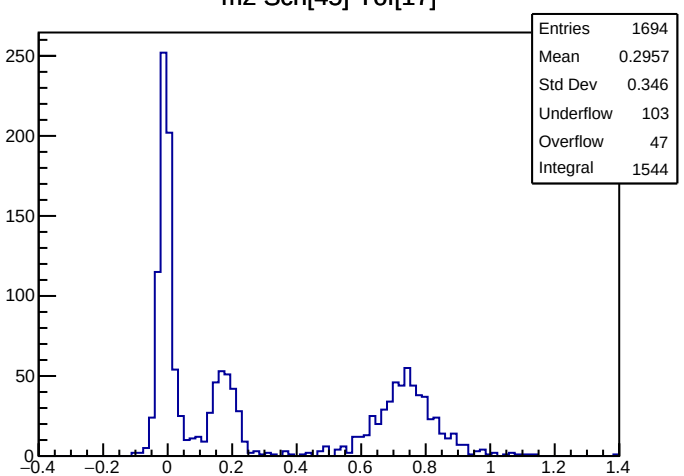

MissMass Sigma Sch[45]-Tof[16]
Entries 148
Mean 1.264
Std Dev 0.04545
Underflow 0
Overflow 0
Integral 148

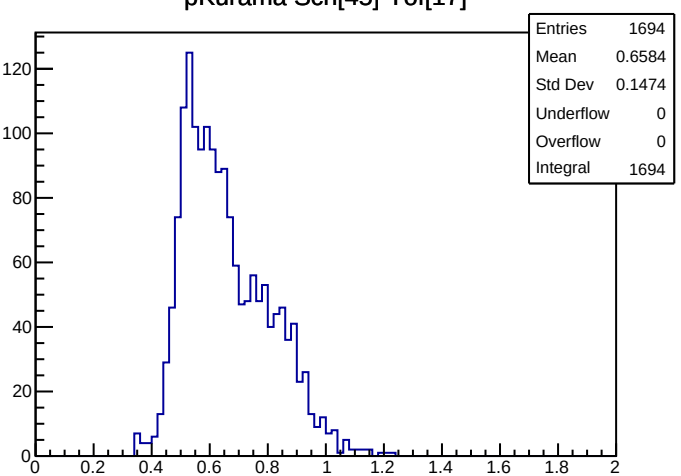

m2 Sch[45]-Tof[16]
Entries 3042
Mean 0.4038
Std Dev 0.3985
Underflow 51
Overflow 52
Integral 2939

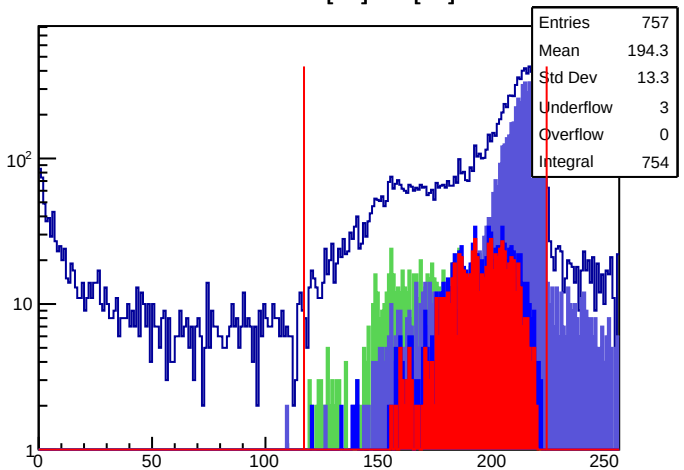

pKurama Sch[45]-Tof[16]
Entries 3042
Mean 0.6099
Std Dev 0.1466
Underflow 0
Overflow 0
Integral 3042

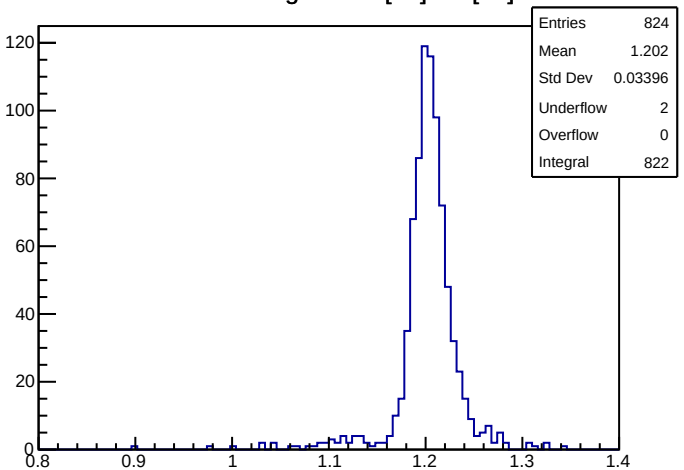

sftx all Sch[45]-Tof[17]
Entries 92
Mean 203.6
Std Dev 10.69
Underflow 1
Overflow 0
Integral 91

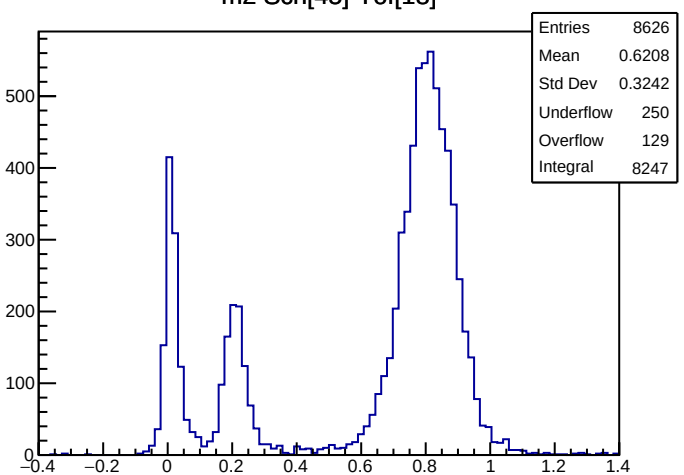

MissMass Sigma Sch[45]-Tof[17]
Entries 154
Mean 1.234
Std Dev 0.04062
Underflow 1
Overflow 0
Integral 153

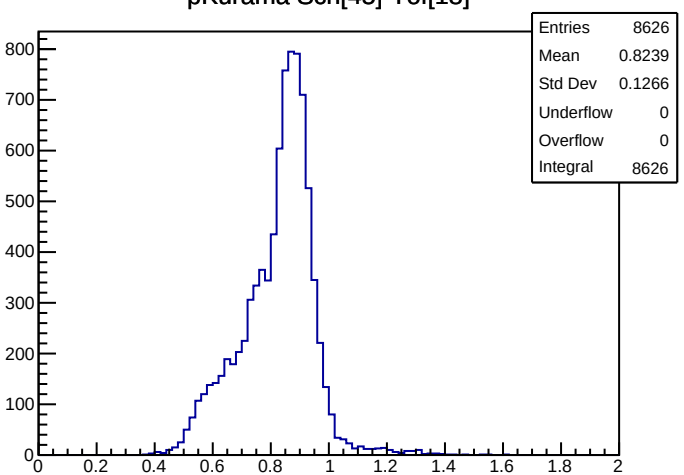

m2 Sch[45]-Tof[17]
Entries 1694
Mean 0.2957
Std Dev 0.346
Underflow 103
Overflow 47
Integral 1544

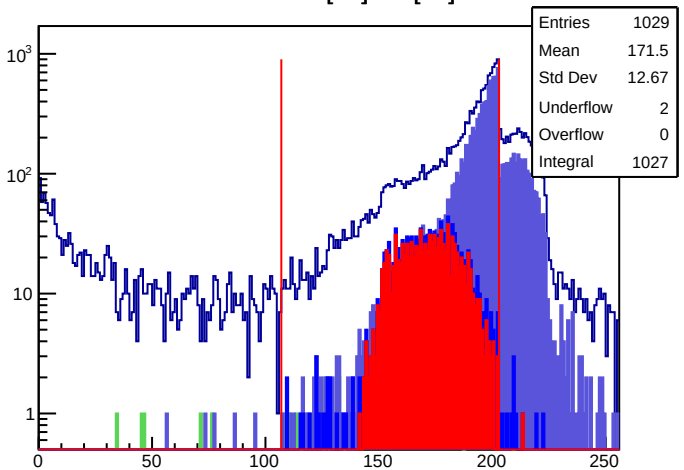

pKurama Sch[45]-Tof[17]
Entries 1694
Mean 0.6584
Std Dev 0.1474
Underflow 0
Overflow 0
Integral 1694

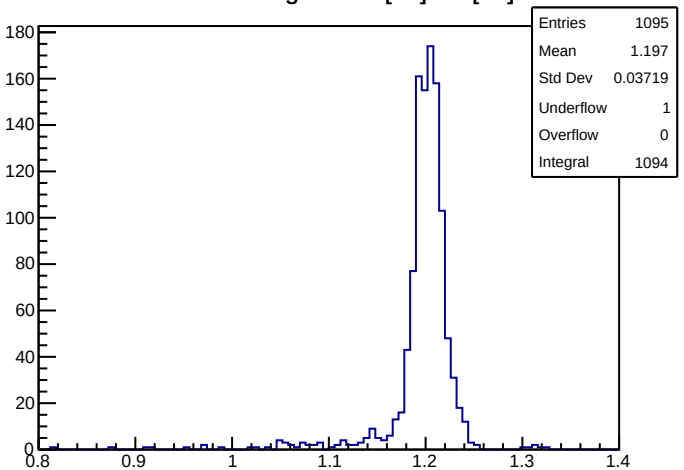

sftx all Sch[45]-Tof[18]
Entries 757
Mean 194.3
Std Dev 13.3
Underflow 3
Overflow 0
Integral 754
10^2
10
1
0
50
100
150
200
250

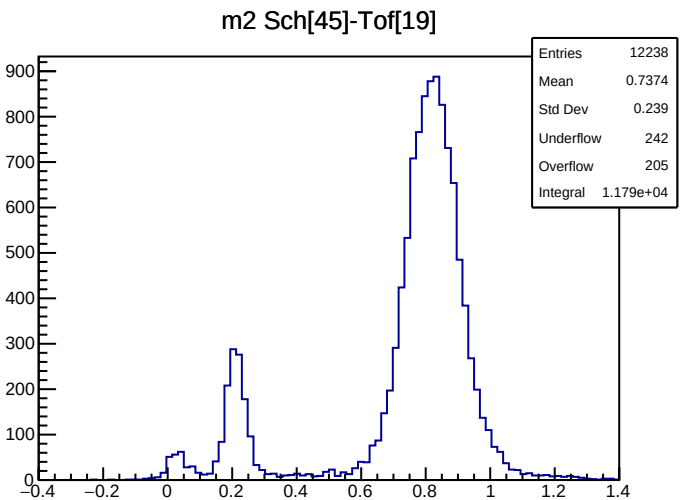

MissMass Sigma Sch[45]-Tof[18]
Entries 824
Mean 1.202
Std Dev 0.03396
Underflow 2
Overflow 0
Integral 822
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

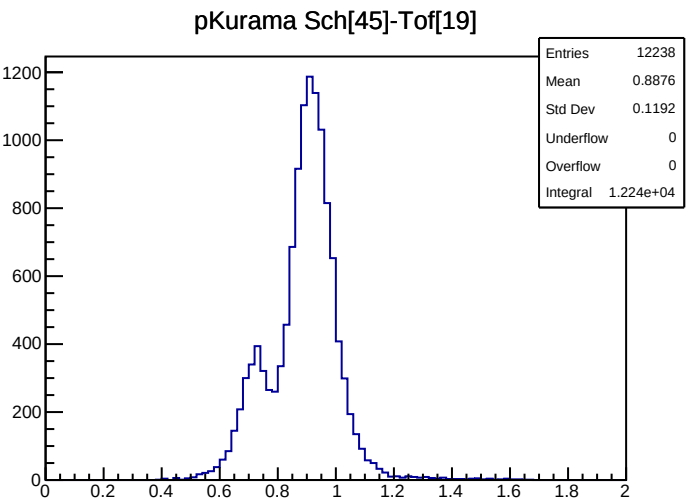

m2 Sch[45]-Tof[18]
Entries 8626
Mean 0.6208
Std Dev 0.3242
Underflow 250
Overflow 129
Integral 8247
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

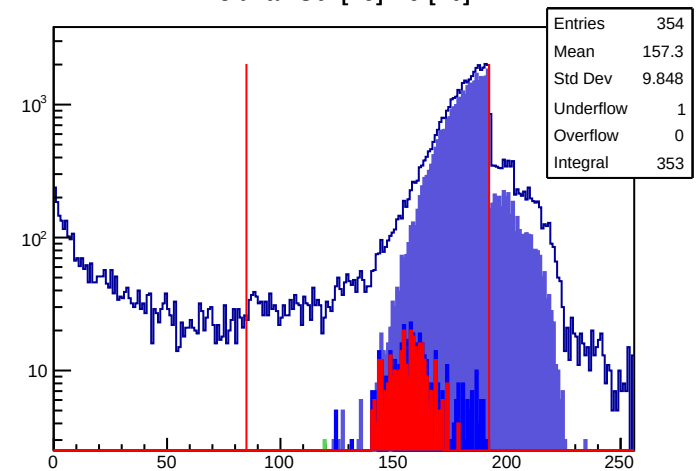

pKurama Sch[45]-Tof[18]
Entries 8626
Mean 0.8239
Std Dev 0.1266
Underflow 0
Overflow 0
Integral 8626
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

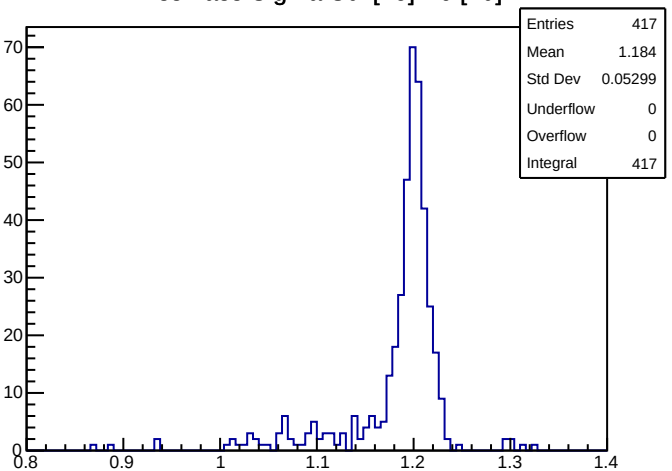

sftx all Sch[45]-Tof[19]
Entries 1029
Mean 171.5
Std Dev 12.67
Underflow 2
Overflow 0
Integral 1027

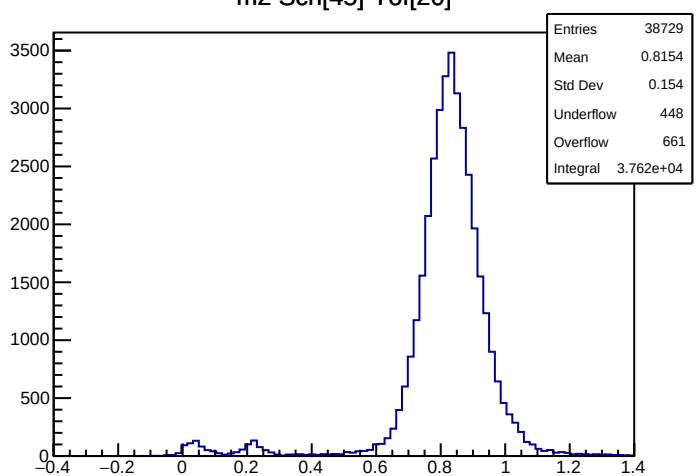

MissMass Sigma Sch[45]-Tof[19]
Entries 1095
Mean 1.197
Std Dev 0.03719
Underflow 1
Overflow 0
Integral 1094

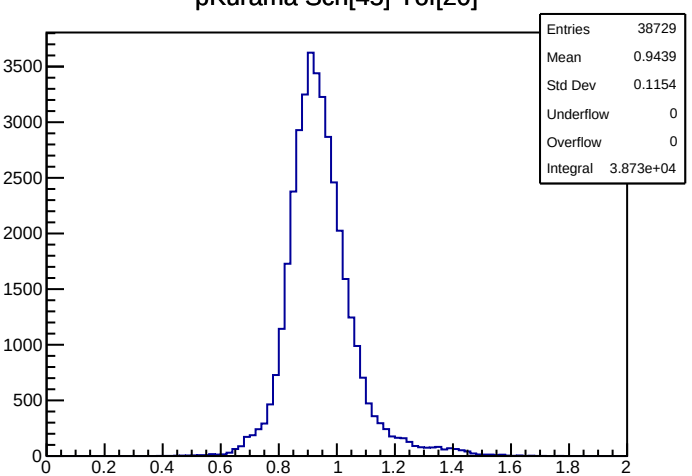

m2 Sch[45]-Tof[19]
Entries 12238
Mean 0.7374
Std Dev 0.239
Underflow 242
Overflow 205
Integral 1.179e+04

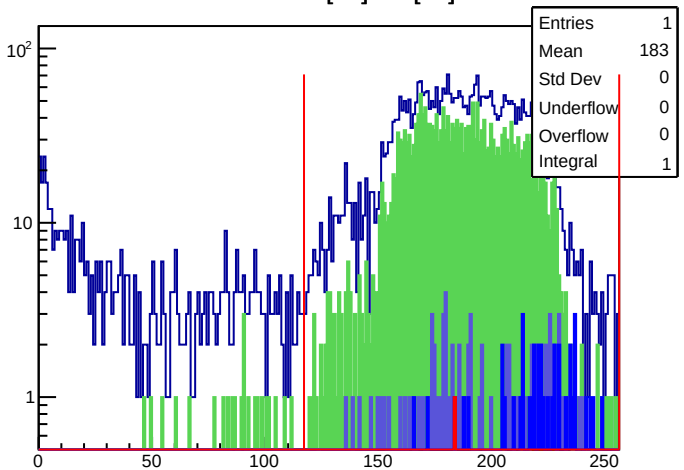

pKurama Sch[45]-Tof[19]
Entries 12238
Mean 0.8876
Std Dev 0.1192
Underflow 0
Overflow 0
Integral 1.224e+04

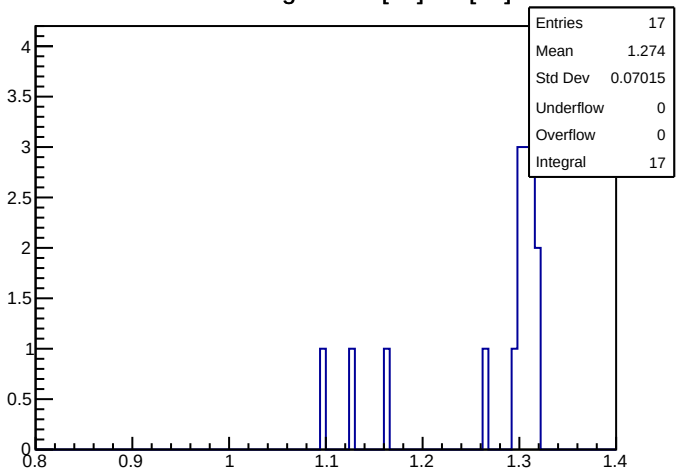

sftx all Sch[45]-Tof[20]
Entries 354
Mean 157.3
Std Dev 9.848
Underflow 1
Overflow 0
Integral 353

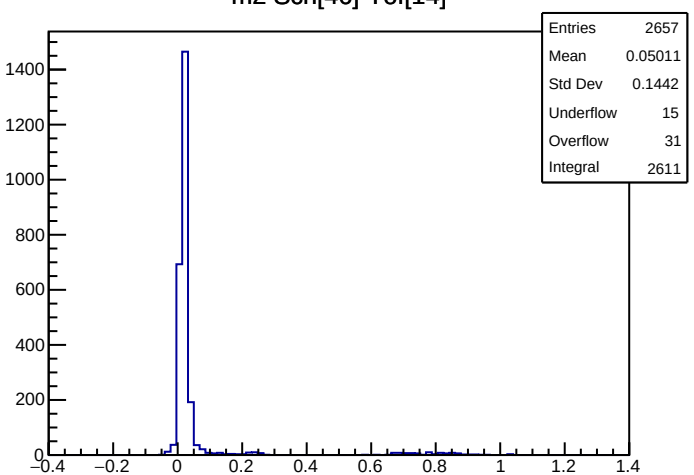

MissMass Sigma Sch[45]-Tof[20]
Entries 417
Mean 1.184
Std Dev 0.05299
Underflow 0
Overflow 0
Integral 417

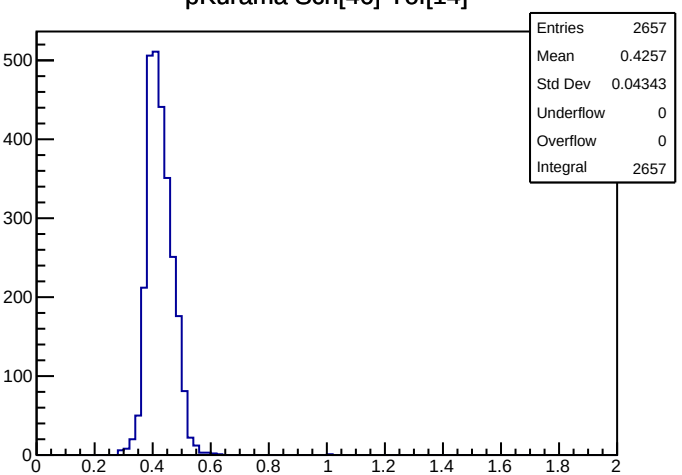

m2 Sch[45]-Tof[20]
Entries 38729
Mean 0.8154
Std Dev 0.154
Underflow 448
Overflow 661
Integral 3.762e+04

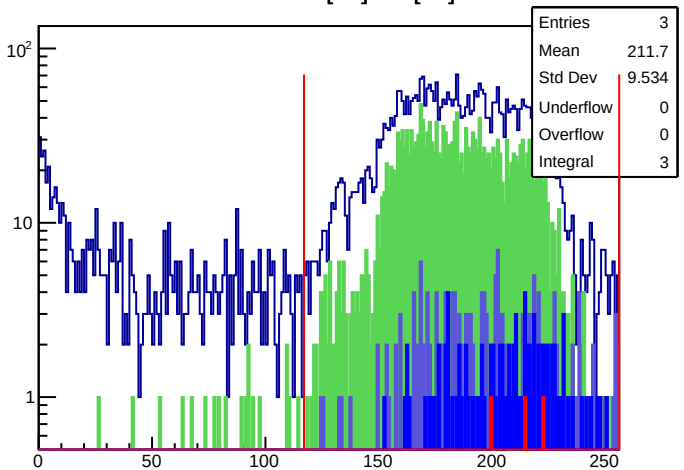

pKurama Sch[45]-Tof[20]
Entries 38729
Mean 0.9439
Std Dev 0.1154
Underflow 0
Overflow 0
Integral 3.873e+04

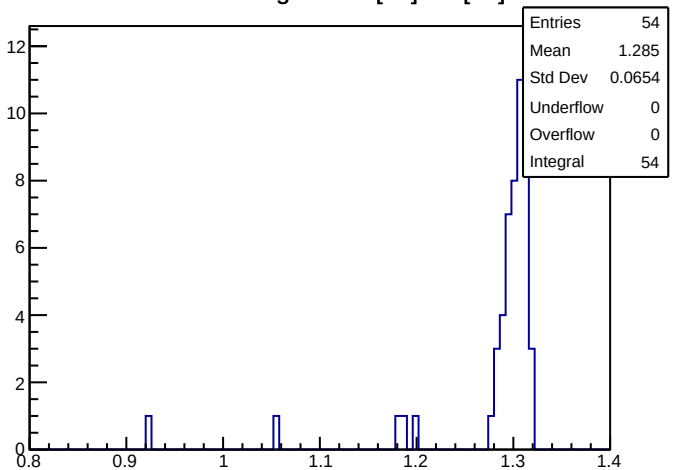

sftx all Sch[46]-Tof[14]
Entries 1
Mean 183
Std Dev 0
Underflow 0
Overflow 0
Integral 1

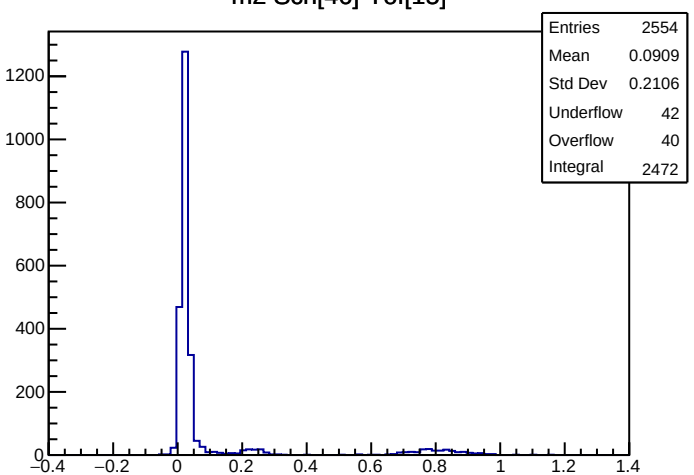

MissMass Sigma Sch[46]-Tof[14]
Entries 17
Mean 1.274
Std Dev 0.07015
Underflow 0
Overflow 0
Integral 17

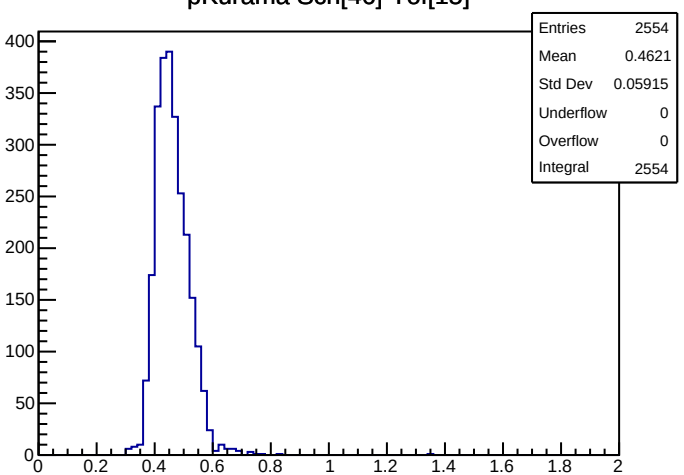

m2 Sch[46]-Tof[14]
Entries 2657
Mean 0.05011
Std Dev 0.1442
Underflow 15
Overflow 31
Integral 2611

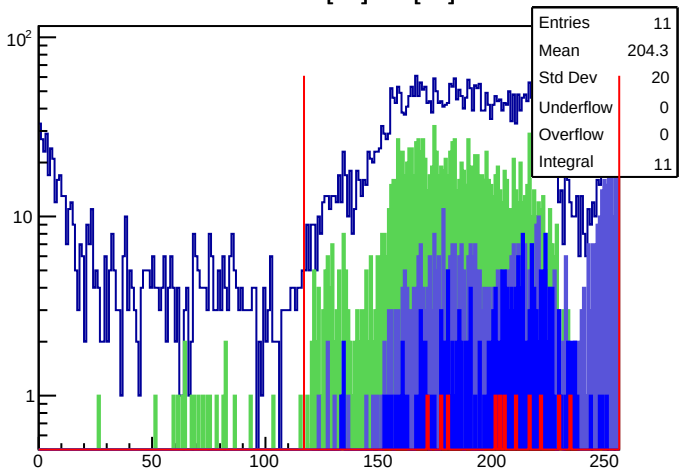

pKurama Sch[46]-Tof[14]
Entries 2657
Mean 0.4257
Std Dev 0.04343
Underflow 0
Overflow 0
Integral 2657

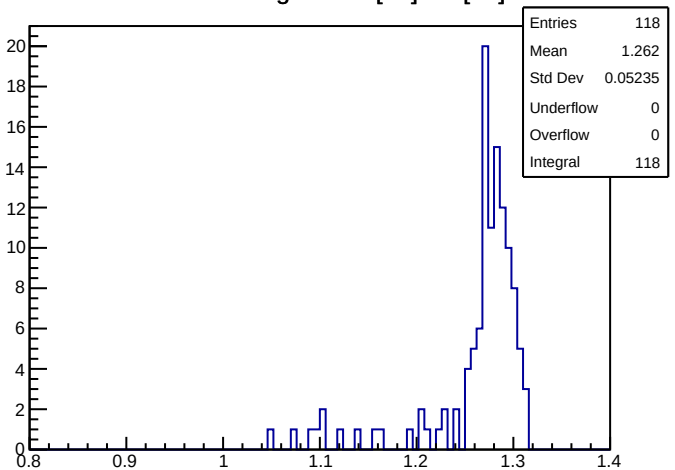

sftx all Sch[46]-Tof[15]
Entries 3
Mean 211.7
Std Dev 9.534
Underflow 0
Overflow 0
Integral 3

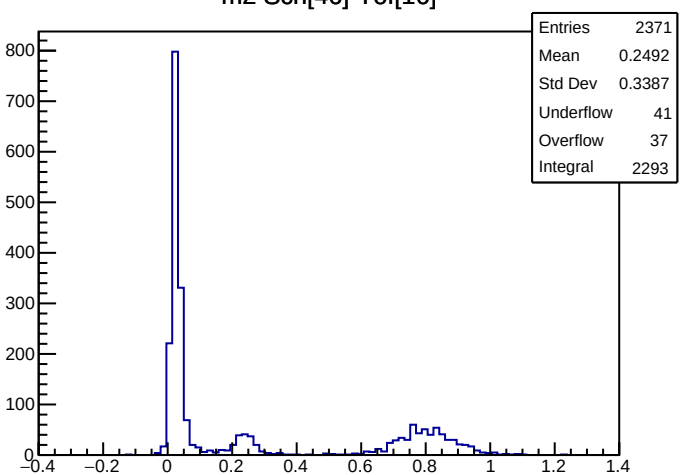

MissMass Sigma Sch[46]-Tof[15]
Entries 54
Mean 1.285
Std Dev 0.0654
Underflow 0
Overflow 0
Integral 54

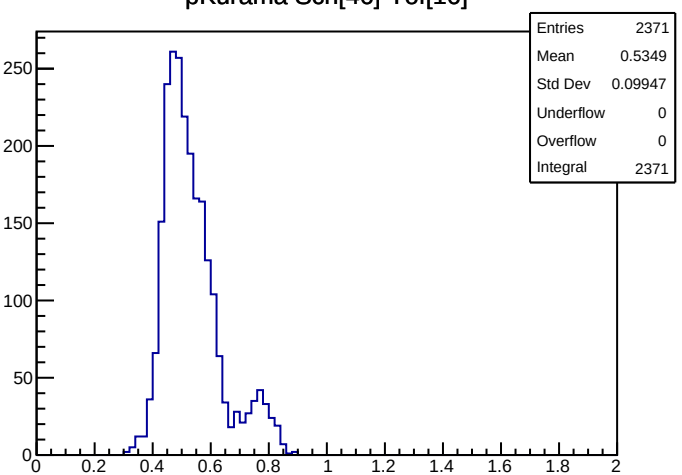

m2 Sch[46]-Tof[15]
Entries 2554
Mean 0.0909
Std Dev 0.2106
Underflow 42
Overflow 40
Integral 2472

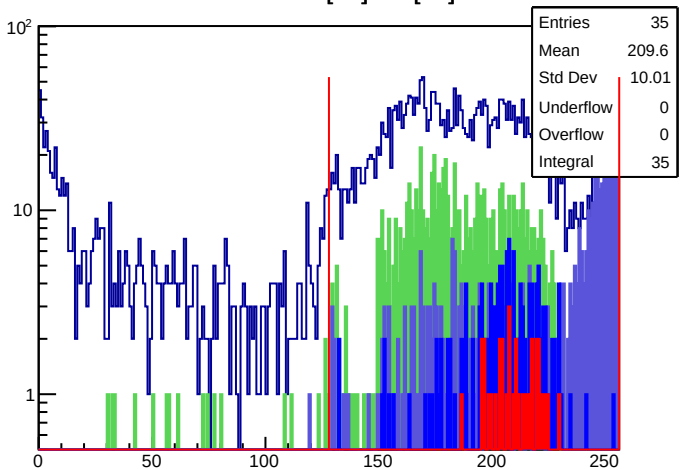

pKurama Sch[46]-Tof[15]
Entries 2554
Mean 0.4621
Std Dev 0.05915
Underflow 0
Overflow 0
Integral 2554

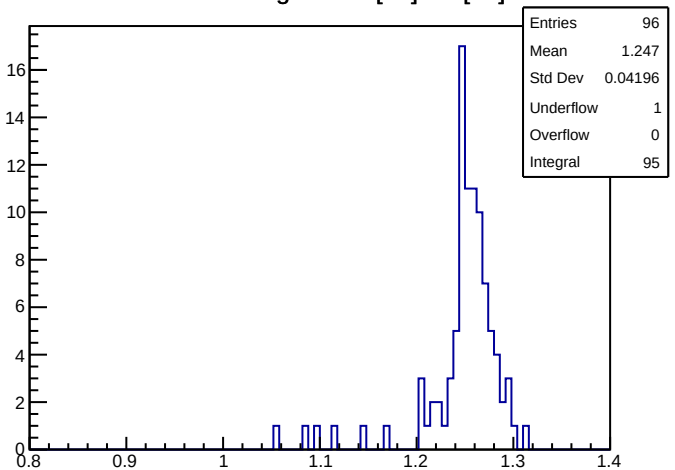

sftx all Sch[46]-Tof[16]
Entries 11
Mean 204.3
Std Dev 20
Underflow 0
Overflow 0
Integral 11

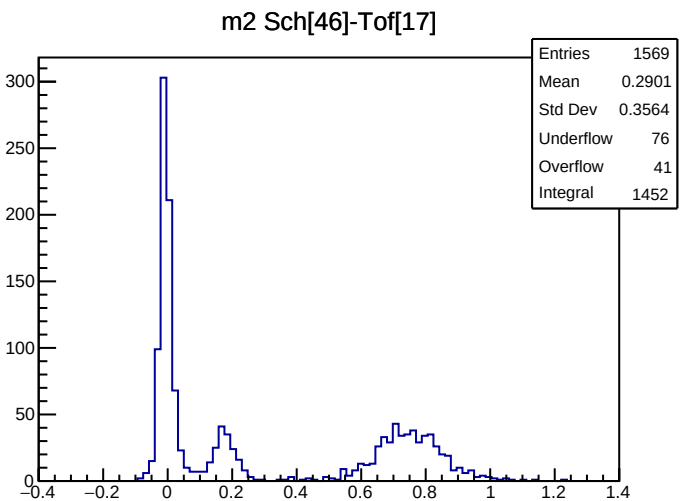

MissMass Sigma Sch[46]-Tof[16]
Entries 118
Mean 1.262
Std Dev 0.05235
Underflow 0
Overflow 0
Integral 118

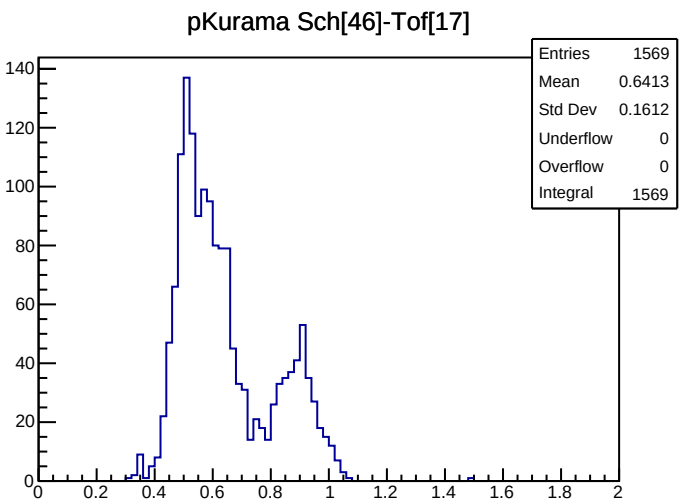

m2 Sch[46]-Tof[16]
Entries 2371
Mean 0.2492
Std Dev 0.3387
Underflow 41
Overflow 37
Integral 2293

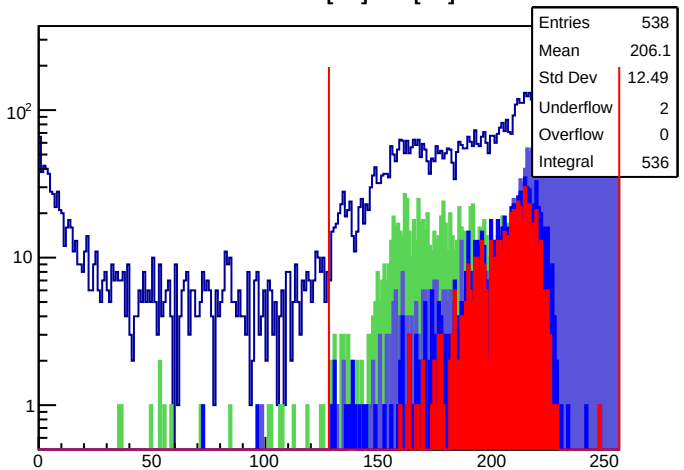

pKurama Sch[46]-Tof[16]
Entries 2371
Mean 0.5349
Std Dev 0.09947
Underflow 0
Overflow 0
Integral 2371

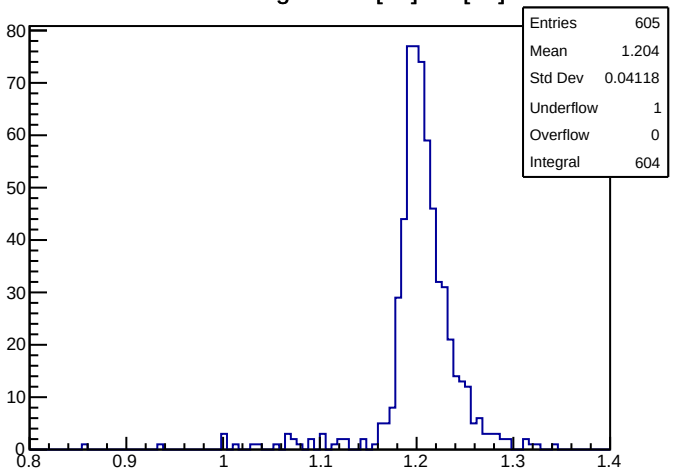

sftx all Sch[46]-Tof[17]
Entries 35
Mean 209.6
Std Dev 10.01
Underflow 0
Overflow 0
Integral 35

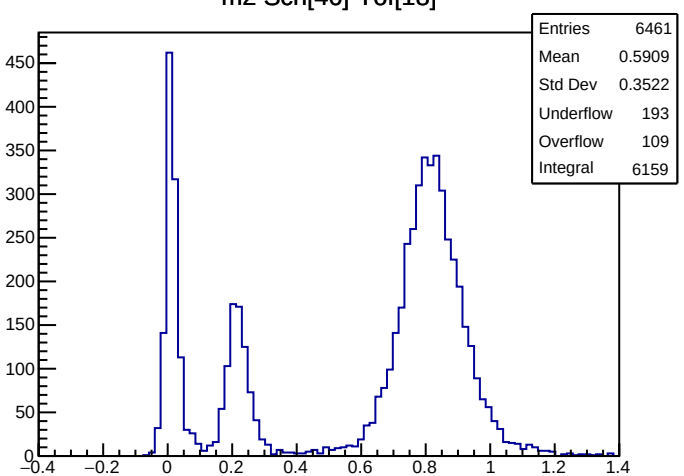

MissMass Sigma Sch[46]-Tof[17]
Entries 96
Mean 1.247
Std Dev 0.04196
Underflow 1
Overflow 0
Integral 95

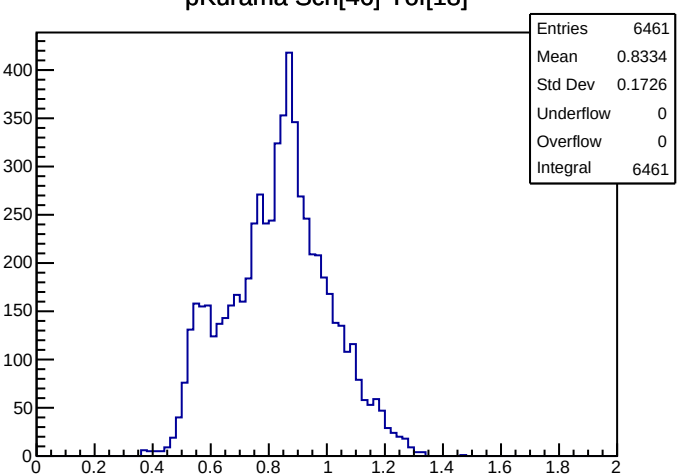

m2 Sch[46]-Tof[17]
Entries 1569
Mean 0.2901
Std Dev 0.3564
Underflow 76
Overflow 41
Integral 1452

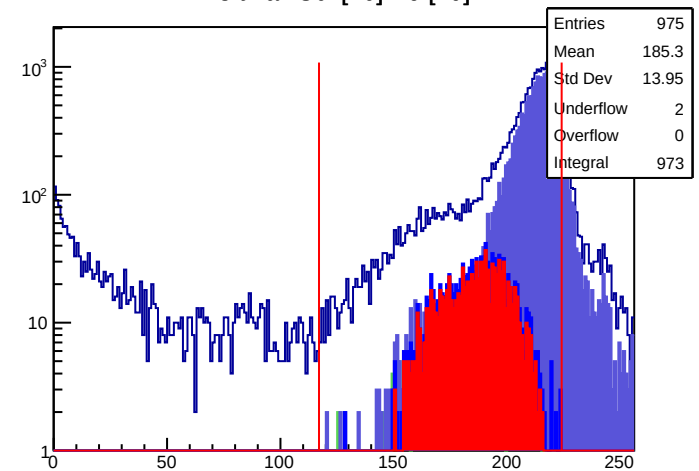

pKurama Sch[46]-Tof[17]
Entries 1569
Mean 0.6413
Std Dev 0.1612
Underflow 0
Overflow 0
Integral 1569

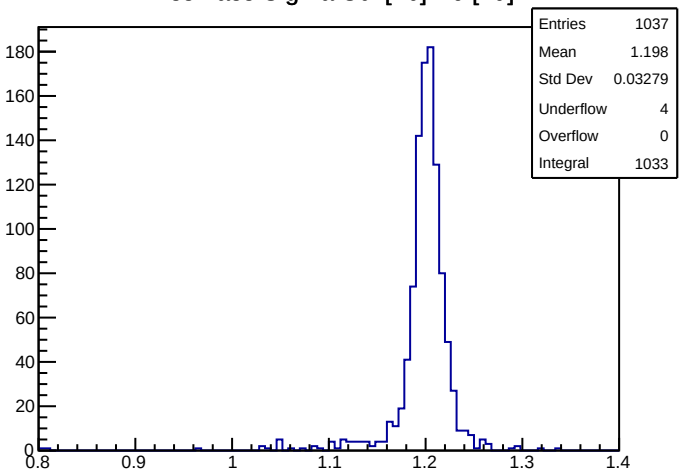

sftx all Sch[46]-Tof[18]
Entries 538
Mean 206.1
Std Dev 12.49
Underflow 2
Overflow 0
Integral 536

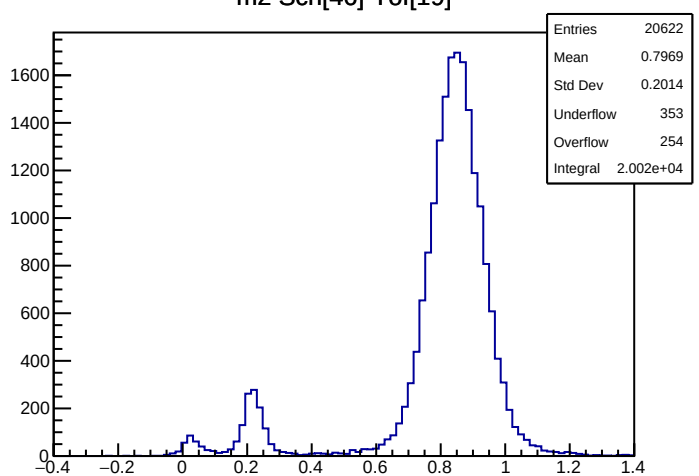

MissMass Sigma Sch[46]-Tof[18]
Entries 605
Mean 1.204
Std Dev 0.04118
Underflow 1
Overflow 0
Integral 604

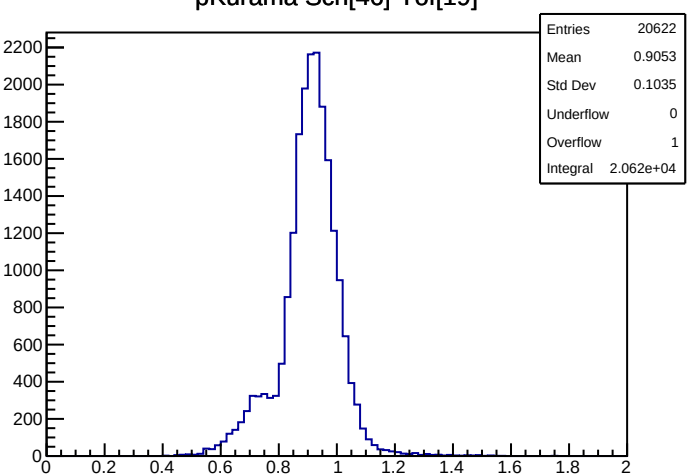

m2 Sch[46]-Tof[18]
Entries 6461
Mean 0.5909
Std Dev 0.3522
Underflow 193
Overflow 109
Integral 6159

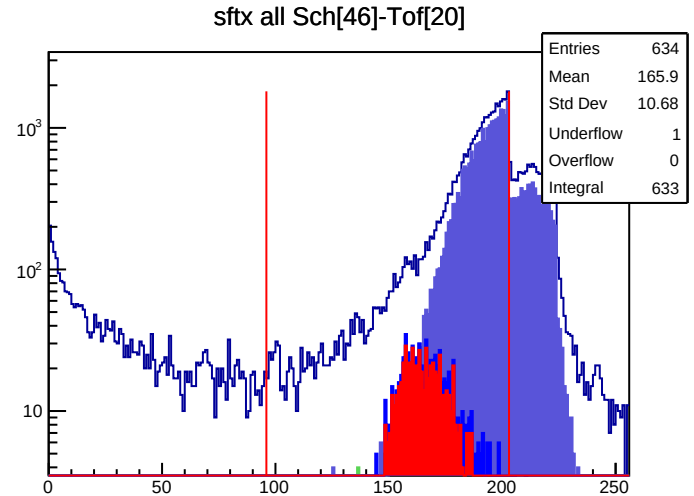

pKurama Sch[46]-Tof[18]
Entries 6461
Mean 0.8334
Std Dev 0.1726
Underflow 0
Overflow 0
Integral 6461

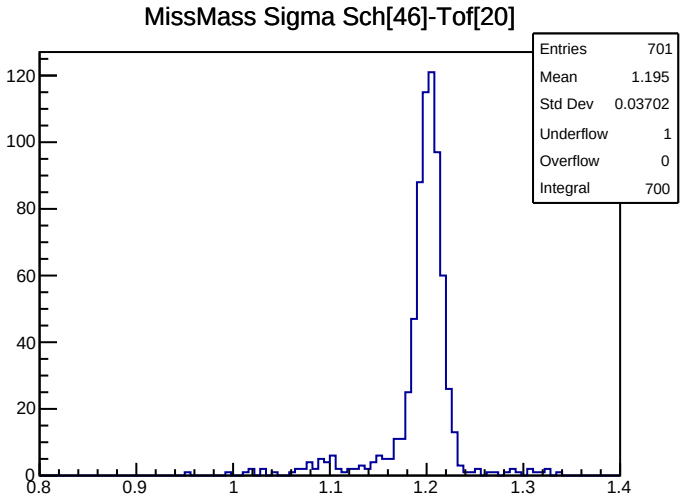

sftx all Sch[46]-Tof[19]
Entries 975
Mean 185.3
Std Dev 13.95
Underflow 2
Overflow 0
Integral 973

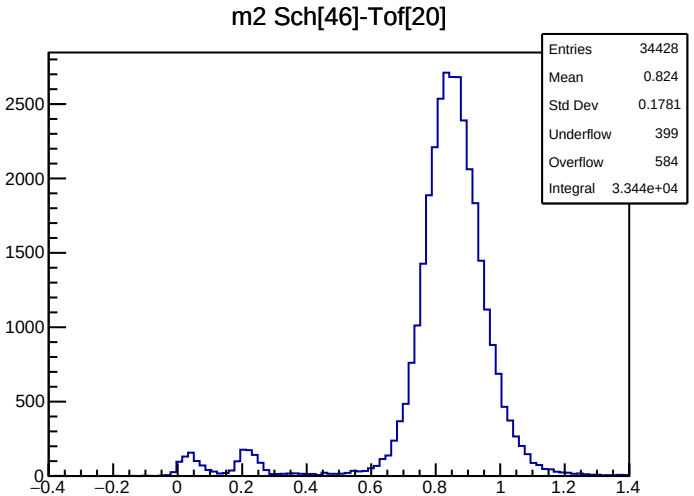

MissMass Sigma Sch[46]-Tof[19]
Entries 1037
Mean 1.198
Std Dev 0.03279
Underflow 4
Overflow 0
Integral 1033

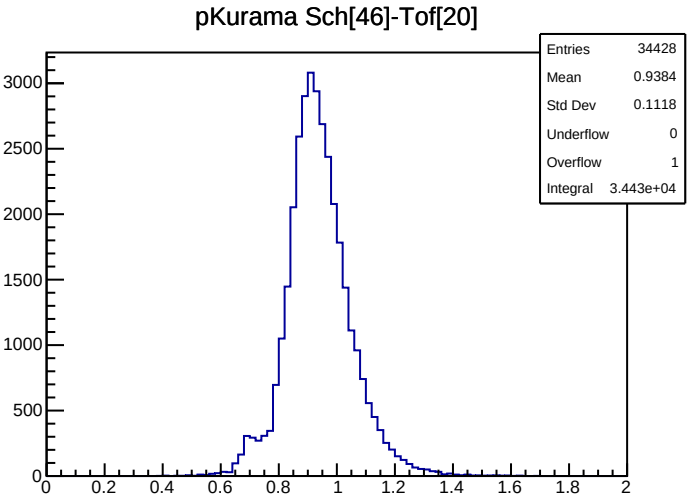

m2 Sch[46]-Tof[19]
Entries 20622
Mean 0.7969
Std Dev 0.2014
Underflow 353
Overflow 254
Integral 2.002e+04

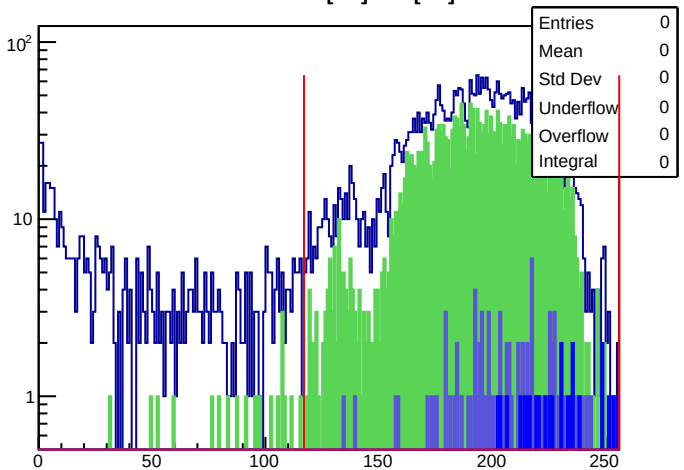

pKurama Sch[46]-Tof[19]
Entries 20622
Mean 0.9053
Std Dev 0.1035
Underflow 0
Overflow 1
Integral 2.062e+04

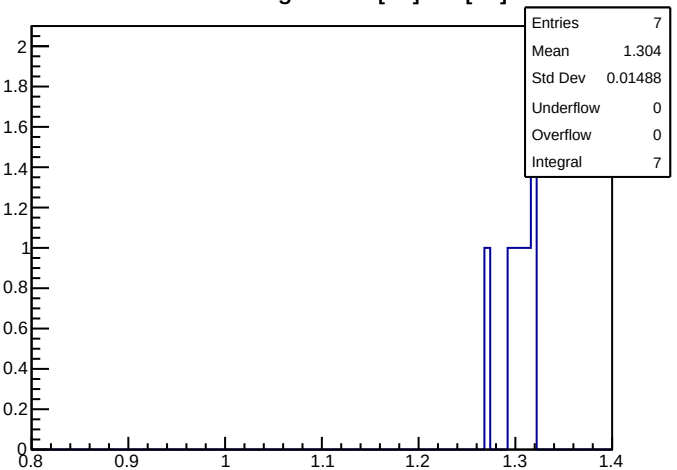

sftx all Sch[46]-Tof[20]
Entries 634
Mean 165.9
Std Dev 10.68
Underflow 1
Overflow 0
Integral 633

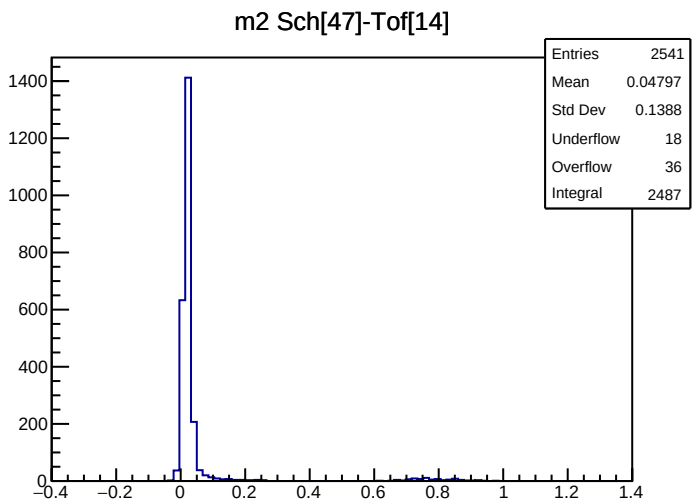

MissMass Sigma Sch[46]-Tof[20]
Entries 701
Mean 1.195
Std Dev 0.03702
Underflow 1
Overflow 0
Integral 700

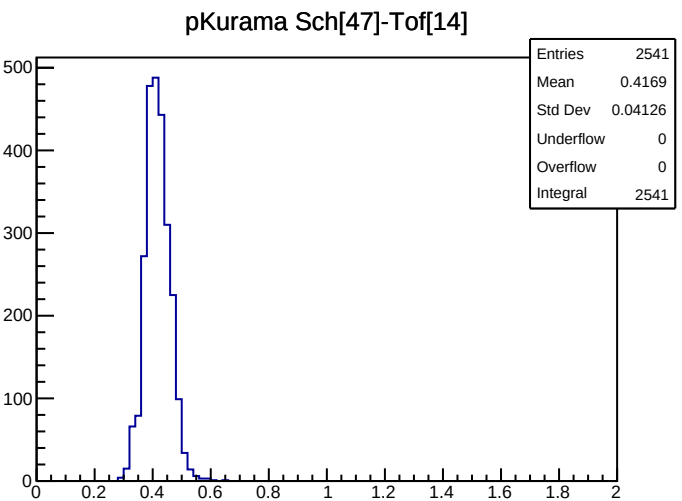

m2 Sch[46]-Tof[20]
Entries 34428
Mean 0.824
Std Dev 0.1781
Underflow 399
Overflow 584
Integral 3.344e+04

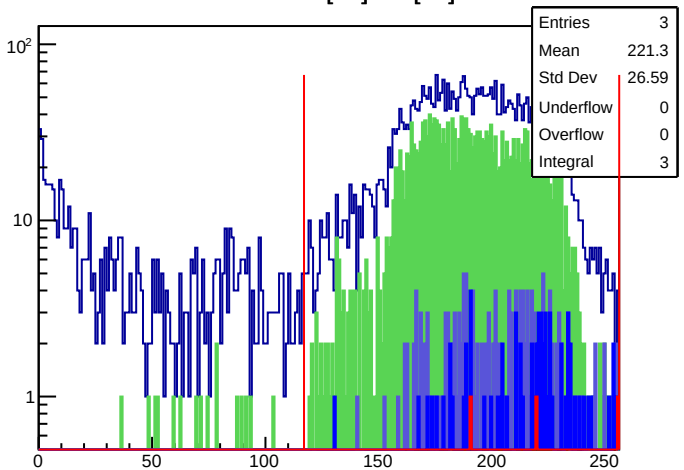

pKurama Sch[46]-Tof[20]
Entries 34428
Mean 0.9384
Std Dev 0.1118
Underflow 0
Overflow 1
Integral 3.443e+04

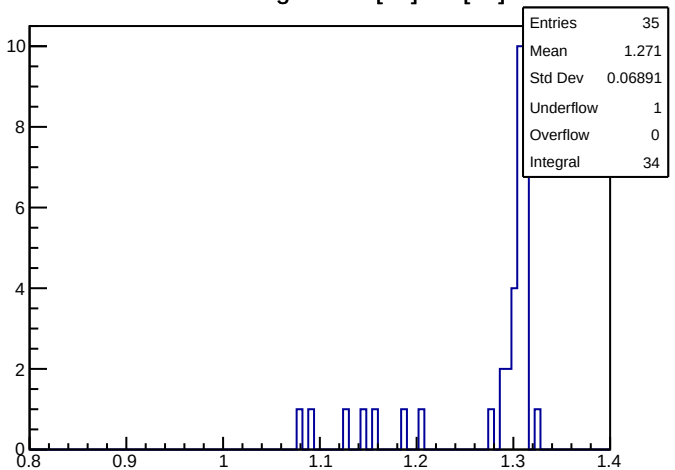

sftx all Sch[47]-Tof[14]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

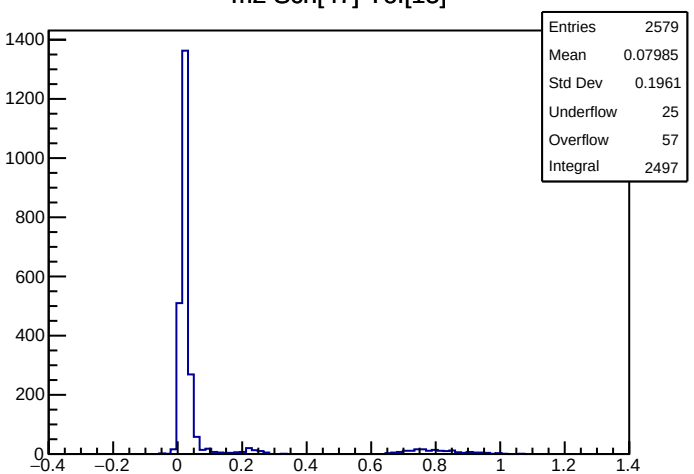

MissMass Sigma Sch[47]-Tof[14]
Entries 7
Mean 1.304
Std Dev 0.01488
Underflow 0
Overflow 0
Integral 7

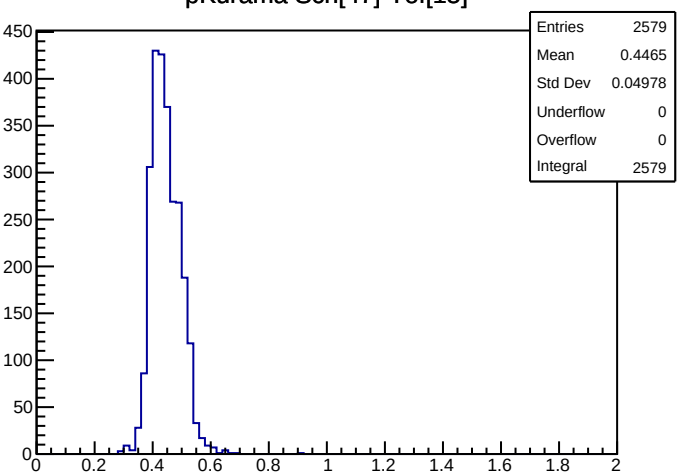

m2 Sch[47]-Tof[14]
Entries 2541
Mean 0.04797
Std Dev 0.1388
Underflow 18
Overflow 36
Integral 2487

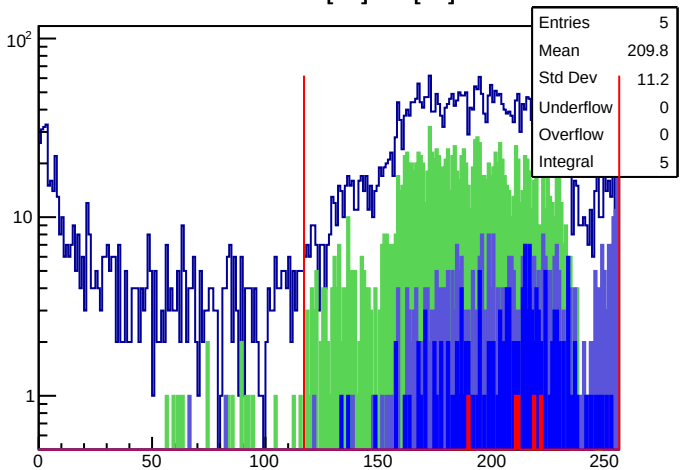

pKurama Sch[47]-Tof[14]
Entries 2541
Mean 0.4169
Std Dev 0.04126
Underflow 0
Overflow 0
Integral 2541

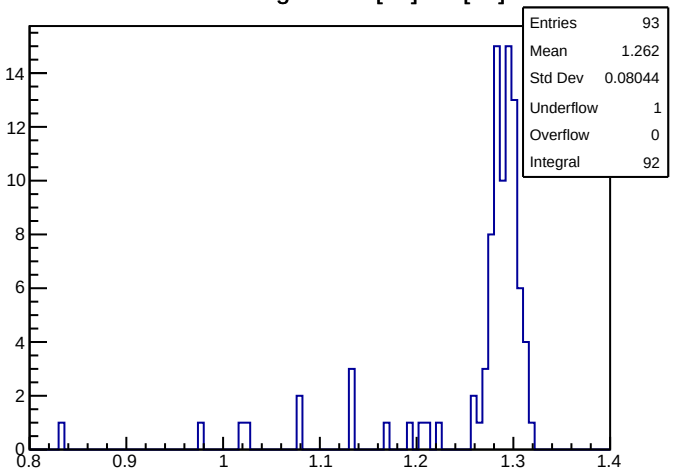

sftx all Sch[47]-Tof[15]
Entries 3
Mean 221.3
Std Dev 26.59
Underflow 0
Overflow 0
Integral 3

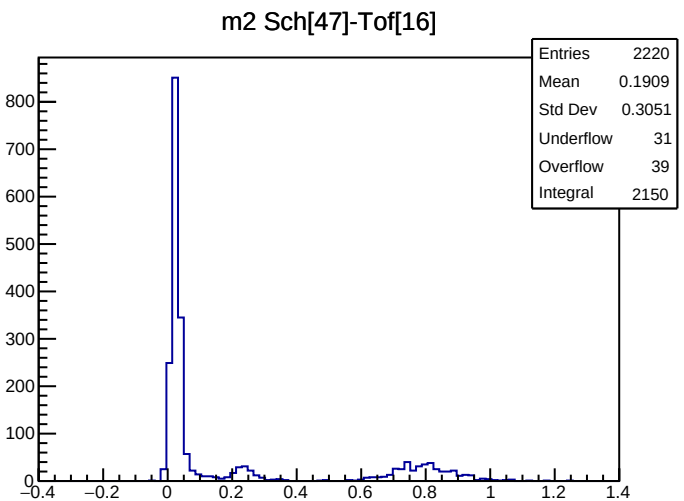

MissMass Sigma Sch[47]-Tof[15]
Entries 35
Mean 1.271
Std Dev 0.06891
Underflow 1
Overflow 0
Integral 34

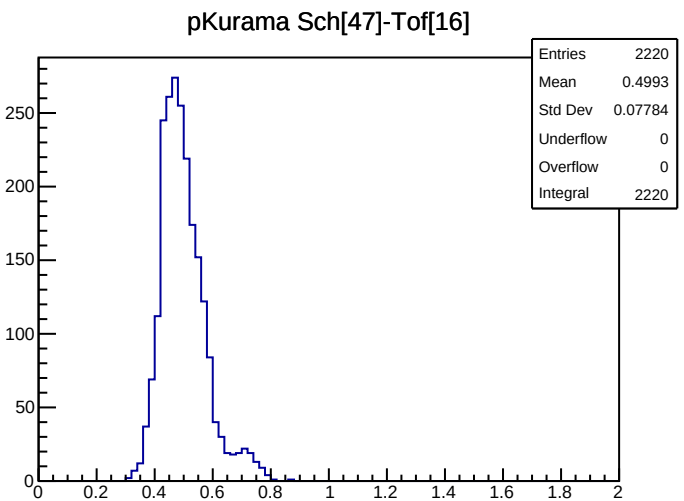

m2 Sch[47]-Tof[15]
Entries 2579
Mean 0.07985
Std Dev 0.1961
Underflow 25
Overflow 57
Integral 2497

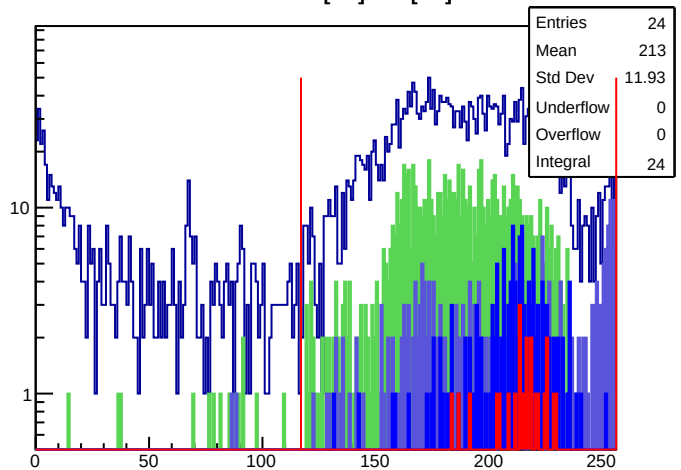

pKurama Sch[47]-Tof[15]
Entries 2579
Mean 0.4465
Std Dev 0.04978
Underflow 0
Overflow 0
Integral 2579

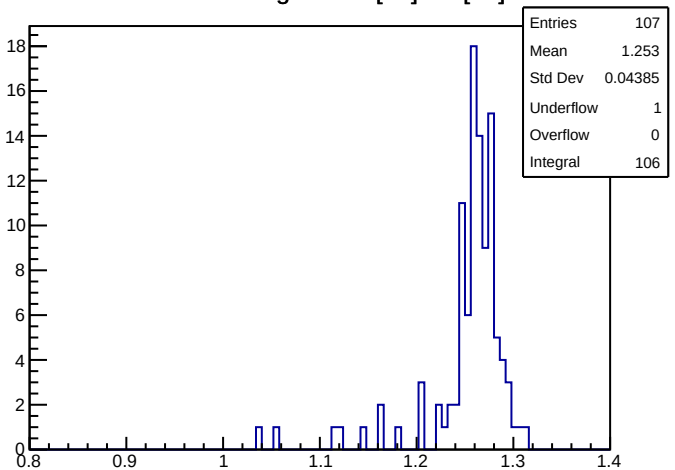

sftx all Sch[47]-Tof[16]
Entries 5
Mean 209.8
Std Dev 11.2
Underflow 0
Overflow 0
Integral 5

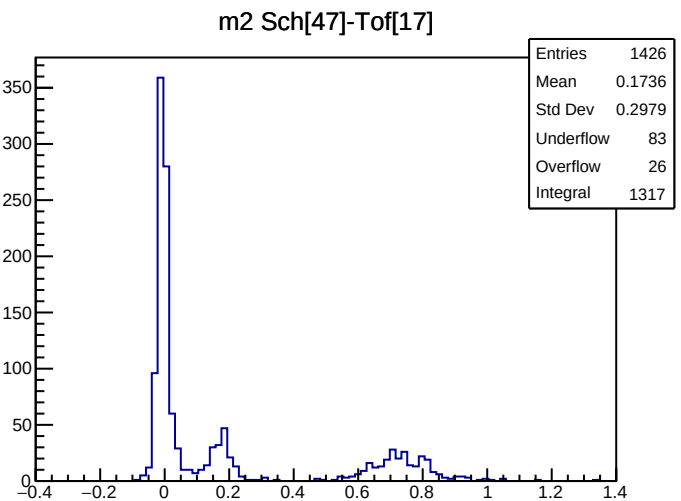

MissMass Sigma Sch[47]-Tof[16]
Entries 93
Mean 1.262
Std Dev 0.08044
Underflow 1
Overflow 0
Integral 92

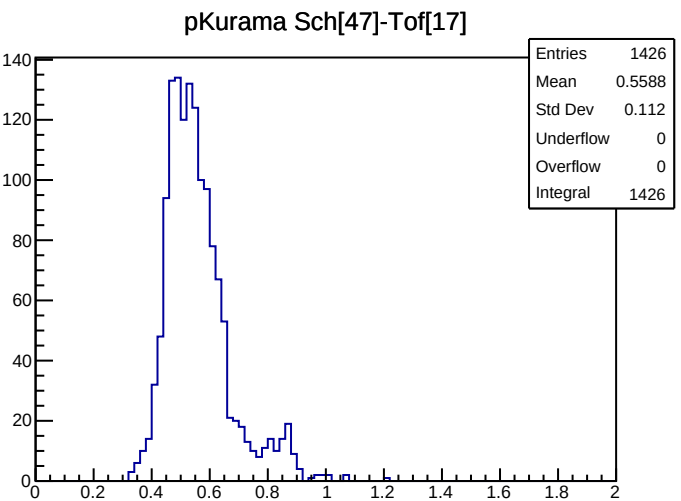

m2 Sch[47]-Tof[16]
Entries 2220
Mean 0.1909
Std Dev 0.3051
Underflow 31
Overflow 39
Integral 2150

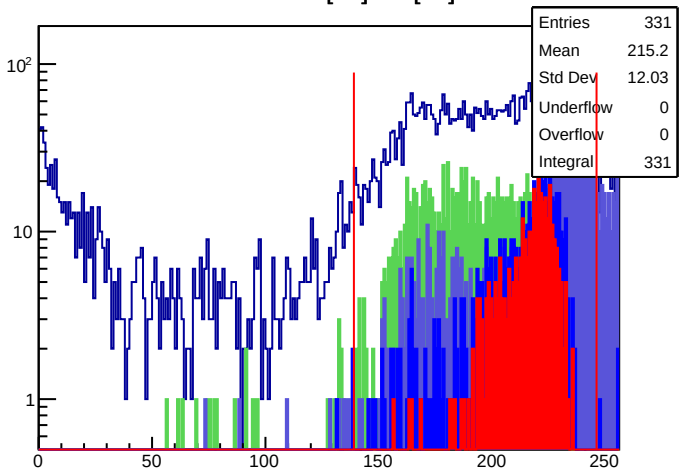

pKurama Sch[47]-Tof[16]
Entries 2220
Mean 0.4993
Std Dev 0.07784
Underflow 0
Overflow 0
Integral 2220

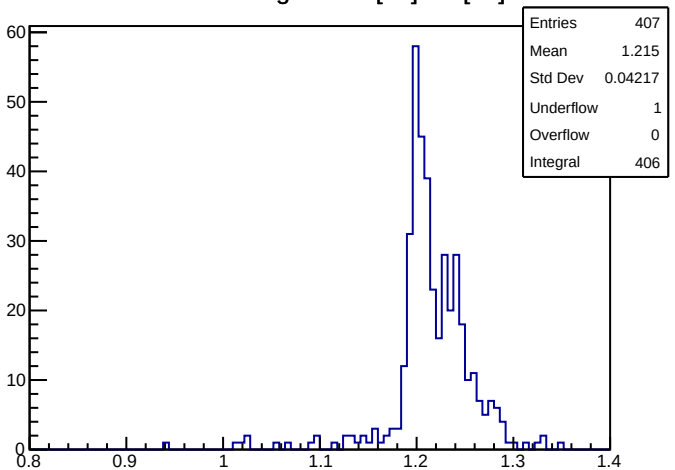

sftx all Sch[47]-Tof[17]
Entries 24
Mean 213
Std Dev 11.93
Underflow 0
Overflow 0
Integral 24
10
1
0
50
100
150
200
250

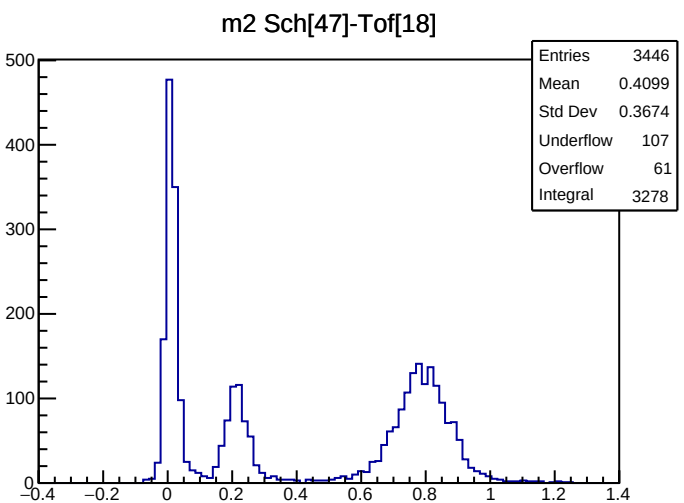

MissMass Sigma Sch[47]-Tof[17]
Entries 107
Mean 1.253
Std Dev 0.04385
Underflow 1
Overflow 0
Integral 106
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

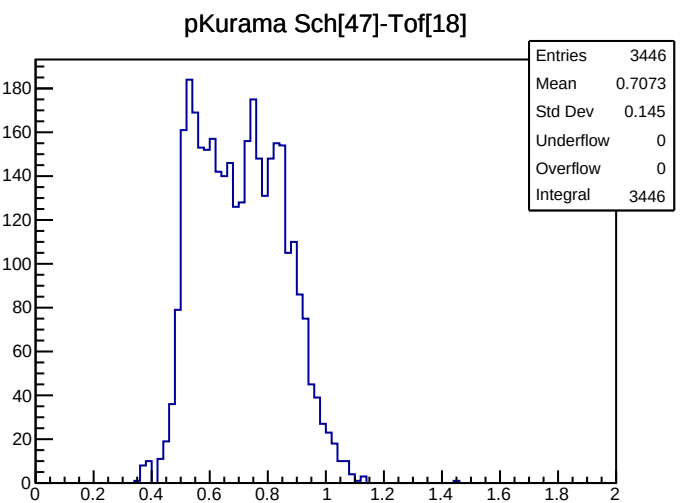

m2 Sch[47]-Tof[17]
Entries 1426
Mean 0.1736
Std Dev 0.2979
Underflow 83
Overflow 26
Integral 1317
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

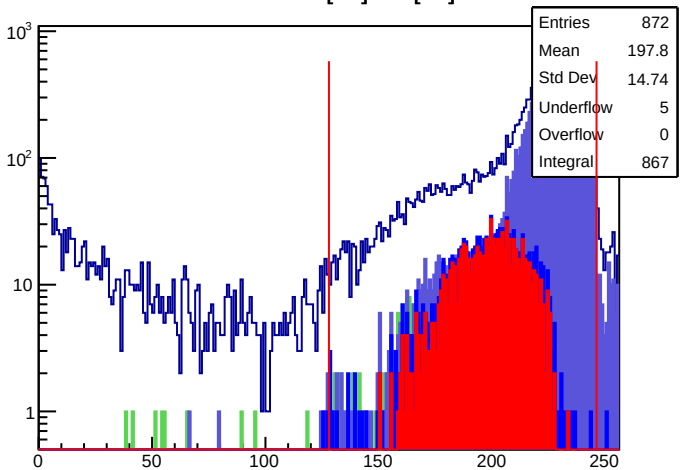

pKurama Sch[47]-Tof[17]
Entries 1426
Mean 0.5588
Std Dev 0.112
Underflow 0
Overflow 0
Integral 1426
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

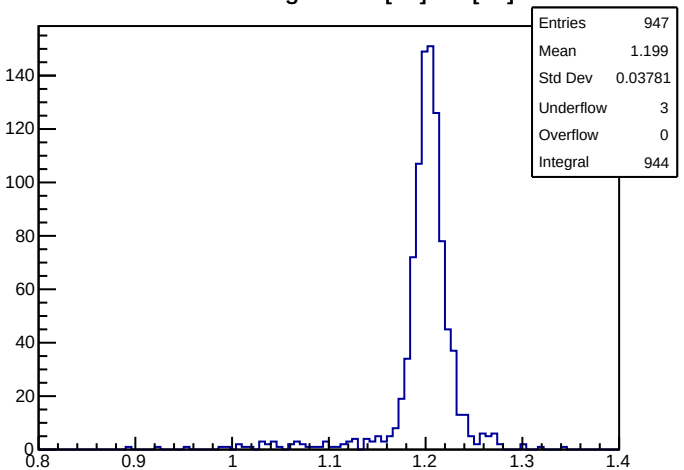

sftx all Sch[47]-Tof[18]
Entries 331
Mean 215.2
Std Dev 12.03
Underflow 0
Overflow 0
Integral 331

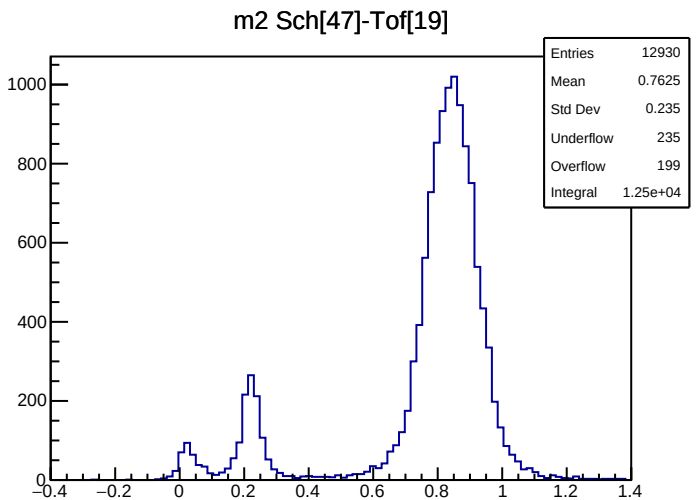

MissMass Sigma Sch[47]-Tof[18]
Entries 407
Mean 1.215
Std Dev 0.04217
Underflow 1
Overflow 0
Integral 406

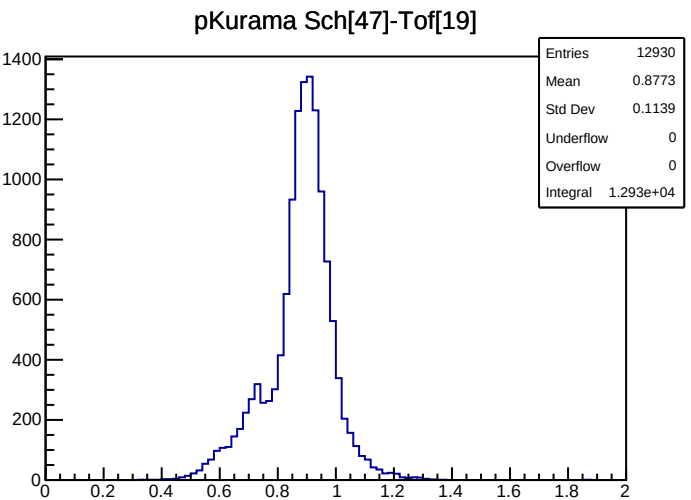

m2 Sch[47]-Tof[18]
Entries 3446
Mean 0.4099
Std Dev 0.3674
Underflow 107
Overflow 61
Integral 3278

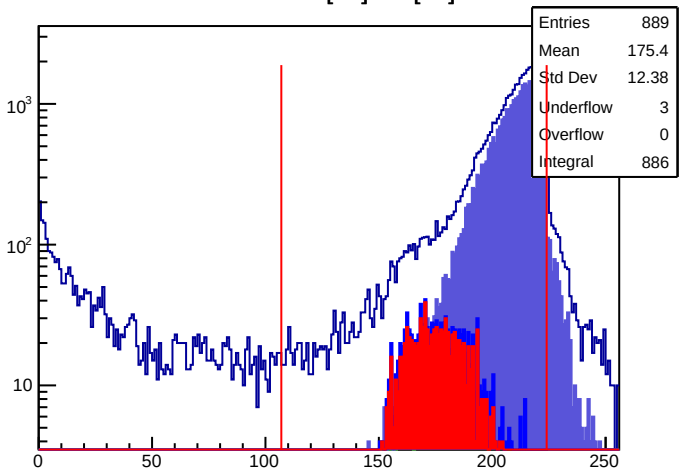

pKurama Sch[47]-Tof[18]
Entries 3446
Mean 0.7073
Std Dev 0.145
Underflow 0
Overflow 0
Integral 3446

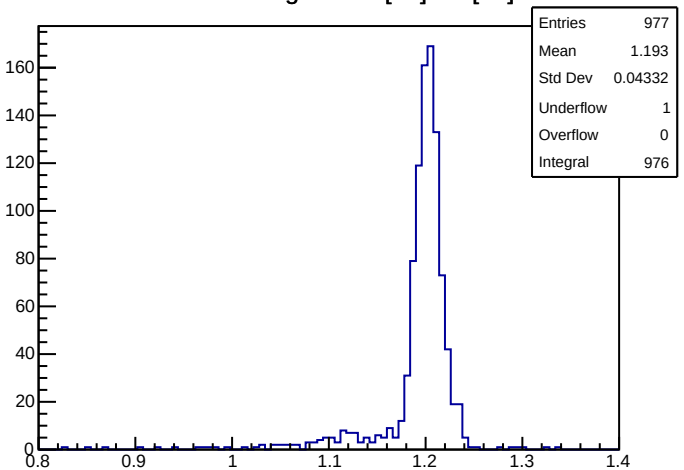

sftx all Sch[47]-Tof[19]
Entries 872
Mean 197.8
Std Dev 14.74
Underflow 5
Overflow 0
Integral 867

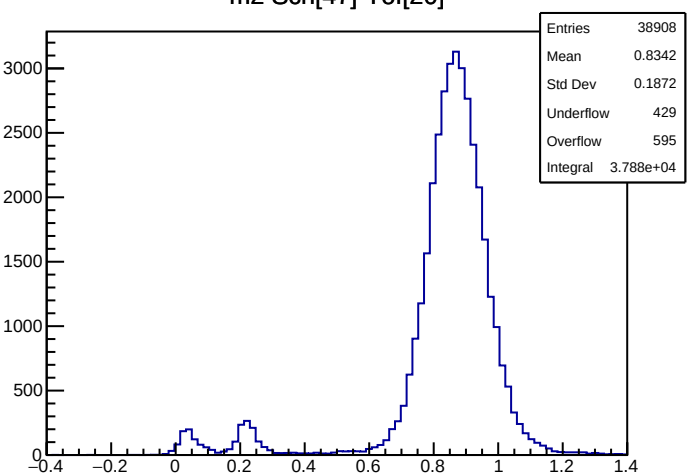

MissMass Sigma Sch[47]-Tof[19]
Entries 947
Mean 1.199
Std Dev 0.03781
Underflow 3
Overflow 0
Integral 944

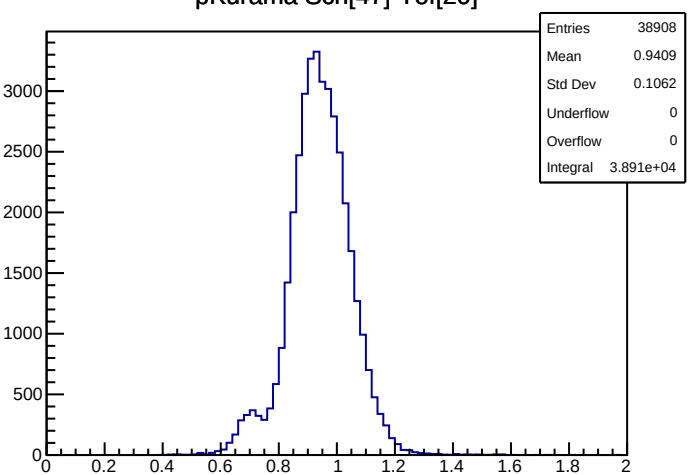

m2 Sch[47]-Tof[19]
Entries 12930
Mean 0.7625
Std Dev 0.235
Underflow 235
Overflow 199
Integral 1.25e+04

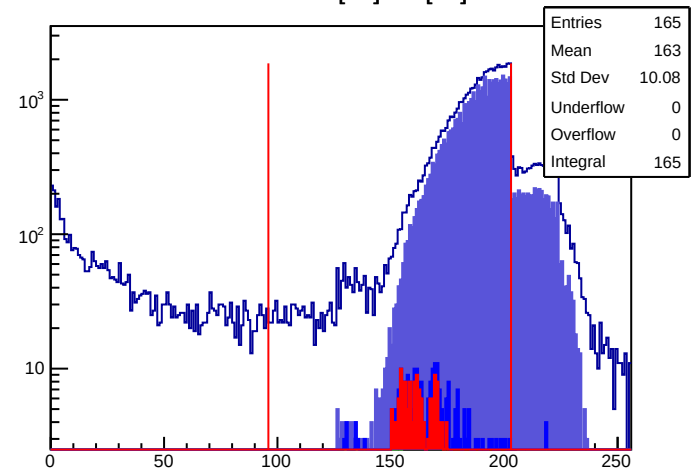

pKurama Sch[47]-Tof[19]
Entries 12930
Mean 0.8773
Std Dev 0.1139
Underflow 0
Overflow 0
Integral 1.293e+04

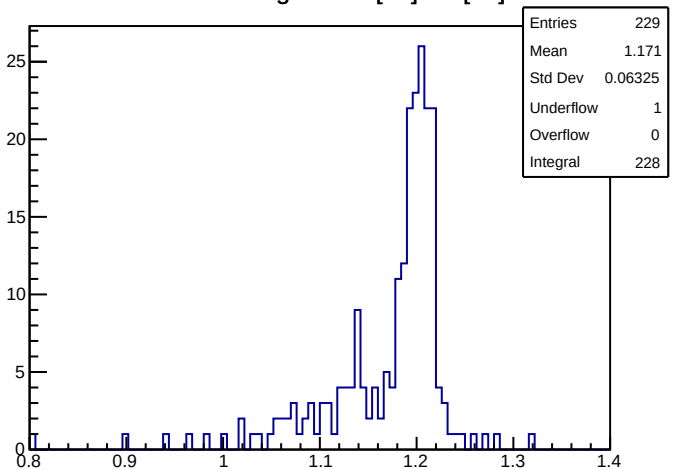

sftx all Sch[47]-Tof[20]
Entries 889
Mean 175.4
Std Dev 12.38
Underflow 3
Overflow 0
Integral 886

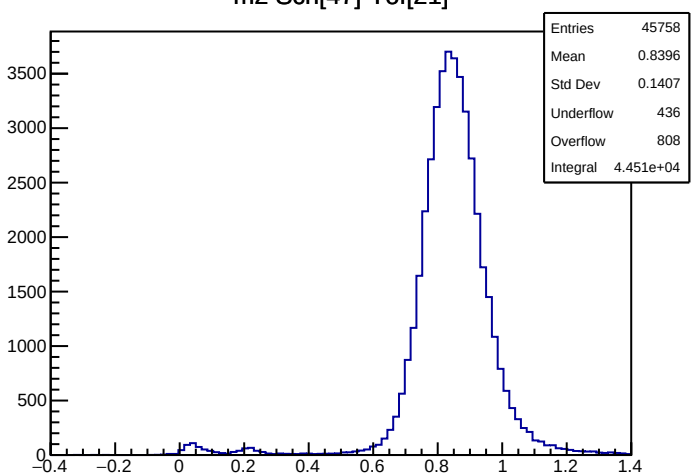

MissMass Sigma Sch[47]-Tof[20]
Entries 977
Mean 1.193
Std Dev 0.04332
Underflow 1
Overflow 0
Integral 976

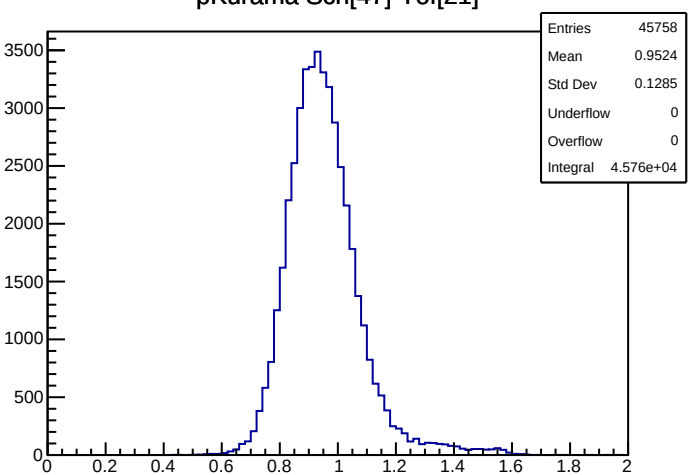

m2 Sch[47]-Tof[20]
Entries 38908
Mean 0.8342
Std Dev 0.1872
Underflow 429
Overflow 595
Integral 3.788e+04

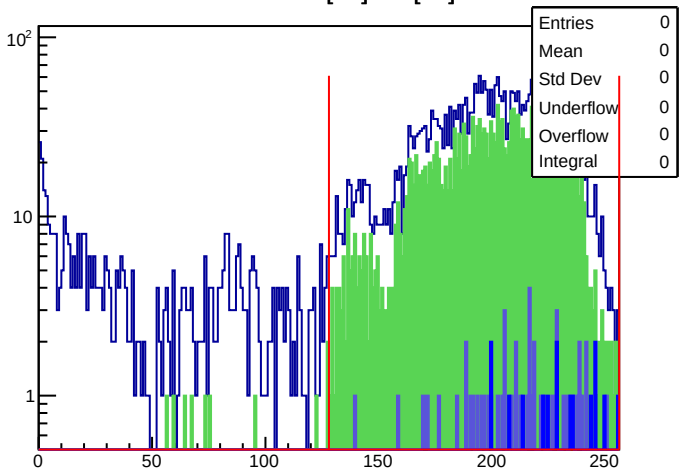

pKurama Sch[47]-Tof[20]
Entries 38908
Mean 0.9409
Std Dev 0.1062
Underflow 0
Overflow 0
Integral 3.891e+04

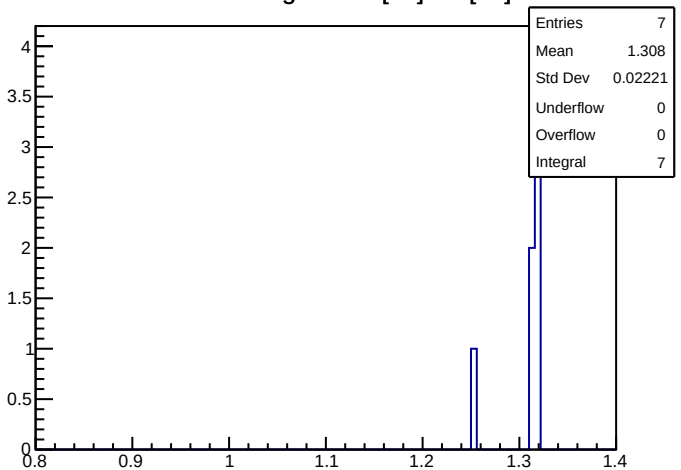

sftx all Sch[47]-Tof[21]
Entries 165
Mean 163
Std Dev 10.08
Underflow 0
Overflow 0
Integral 165

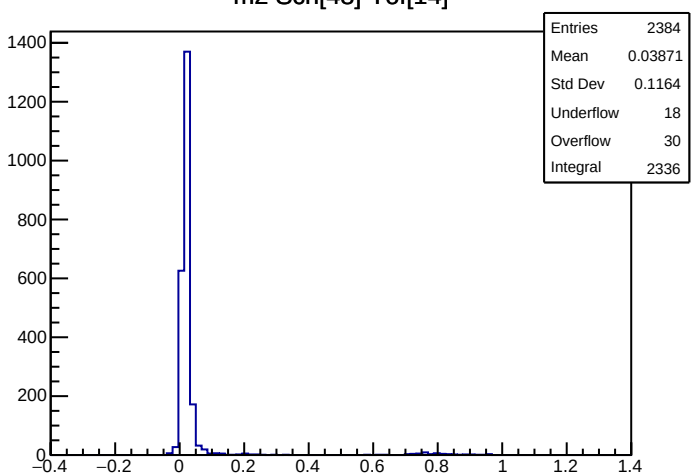

MissMass Sigma Sch[47]-Tof[21]
Entries 229
Mean 1.171
Std Dev 0.06325
Underflow 1
Overflow 0
Integral 228

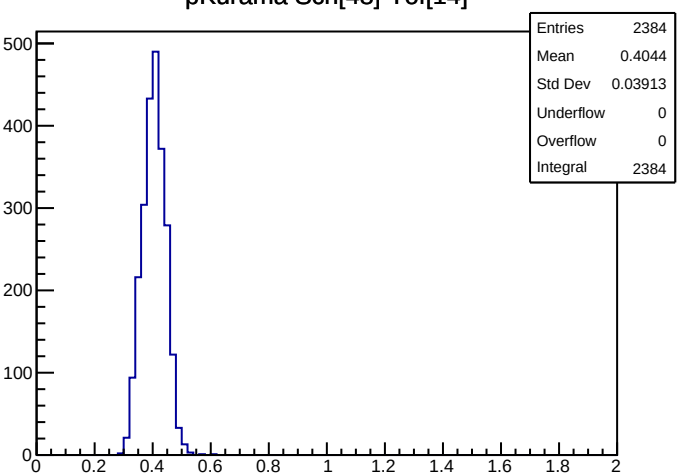

m2 Sch[47]-Tof[21]
Entries 45758
Mean 0.8396
Std Dev 0.1407
Underflow 436
Overflow 808
Integral 4.451e+04

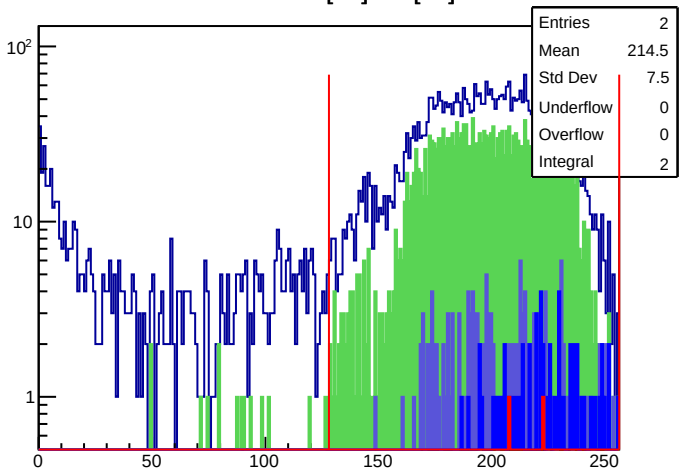

pKurama Sch[47]-Tof[21]
Entries 45758
Mean 0.9524
Std Dev 0.1285
Underflow 0
Overflow 0
Integral 4.576e+04

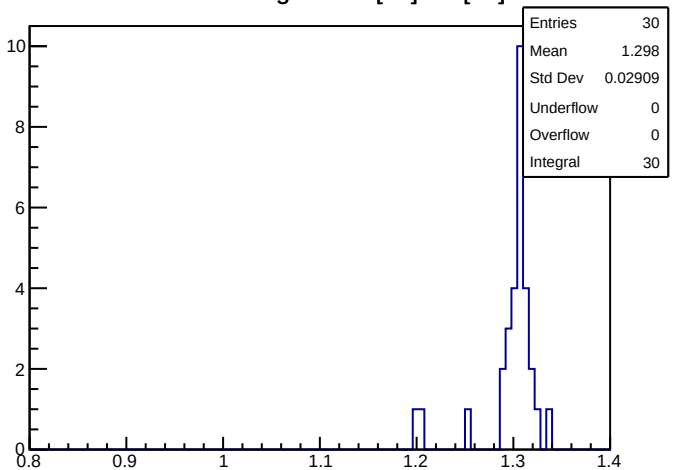

sftx all Sch[48]-Tof[14]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

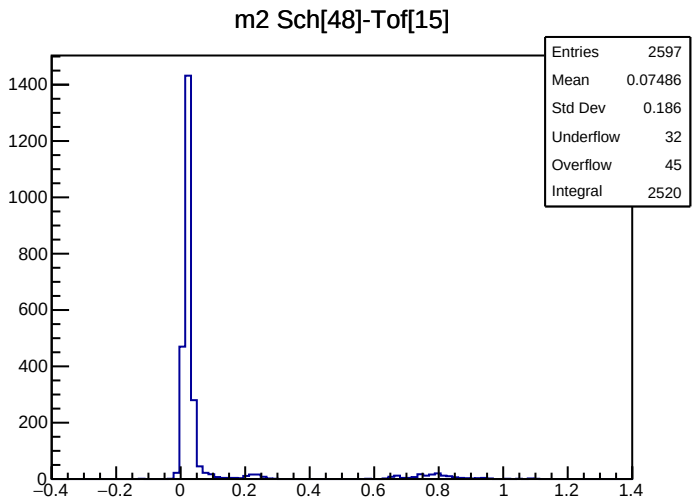

MissMass Sigma Sch[48]-Tof[14]
Entries 7
Mean 1.308
Std Dev 0.02221
Underflow 0
Overflow 0
Integral 7

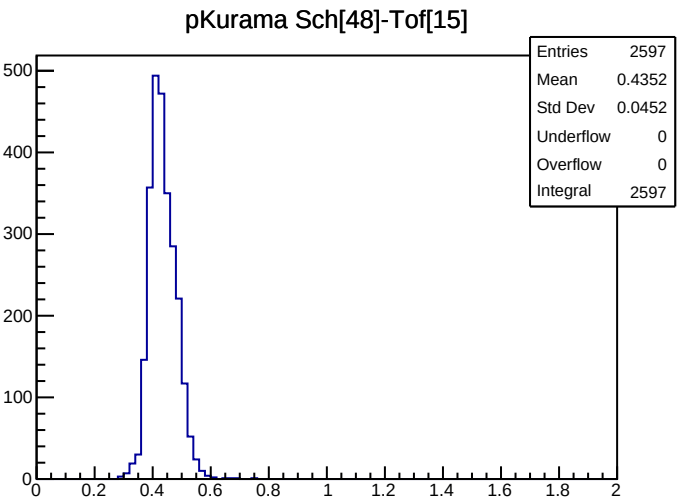

m2 Sch[48]-Tof[14]
Entries 2384
Mean 0.03871
Std Dev 0.1164
Underflow 18
Overflow 30
Integral 2336

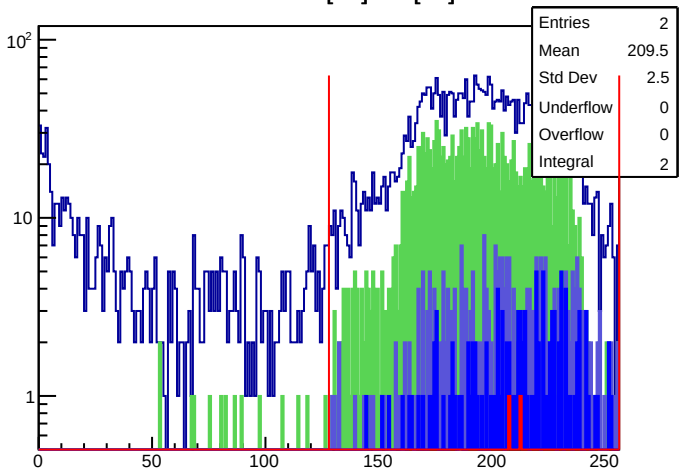

pKurama Sch[48]-Tof[14]
Entries 2384
Mean 0.4044
Std Dev 0.03913
Underflow 0
Overflow 0
Integral 2384

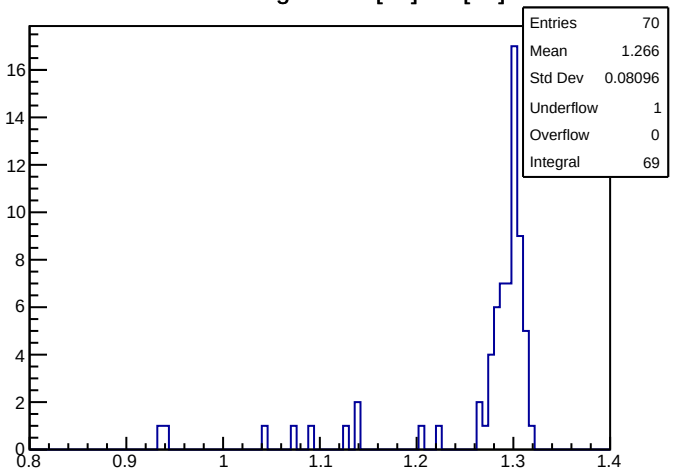

sftx all Sch[48]-Tof[15]
Entries 2
Mean 214.5
Std Dev 7.5
Underflow 0
Overflow 0
Integral 2

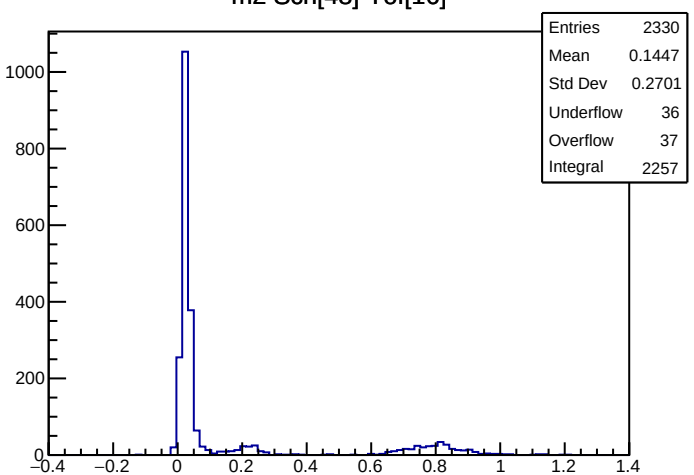

MissMass Sigma Sch[48]-Tof[15]
Entries 30
Mean 1.298
Std Dev 0.02909
Underflow 0
Overflow 0
Integral 30

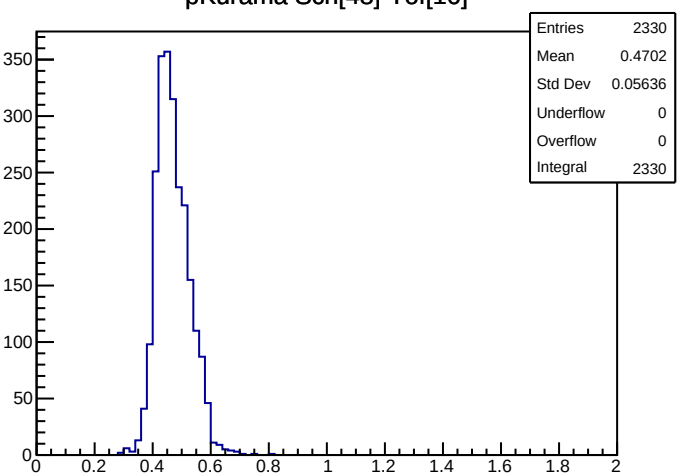

m2 Sch[48]-Tof[15]
Entries 2597
Mean 0.07486
Std Dev 0.186
Underflow 32
Overflow 45
Integral 2520

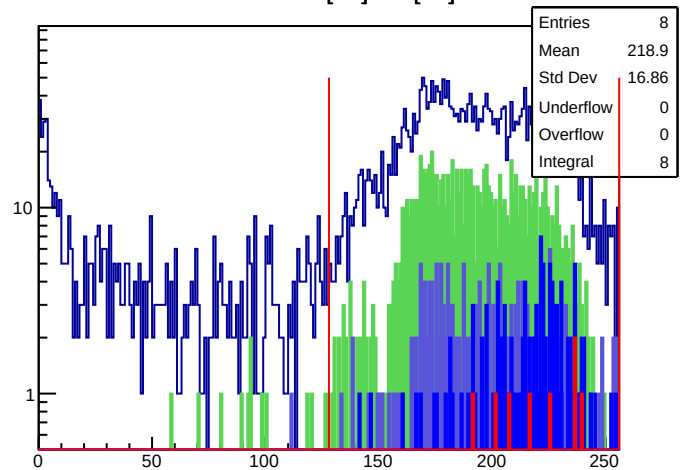

pKurama Sch[48]-Tof[15]
Entries 2597
Mean 0.4352
Std Dev 0.0452
Underflow 0
Overflow 0
Integral 2597

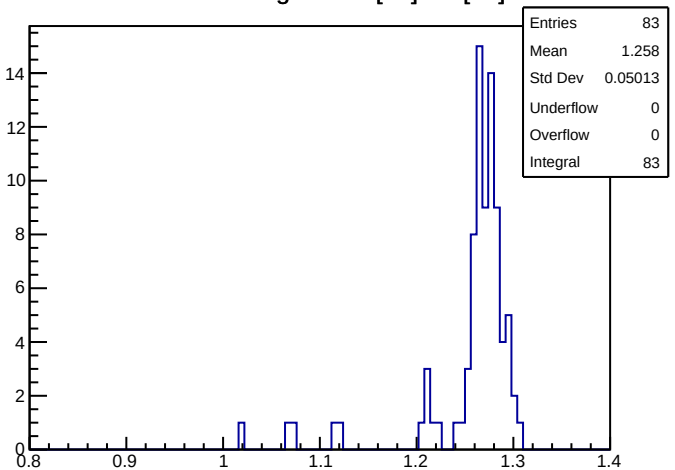

sftx all Sch[48]-Tof[16]
Entries 2
Mean 209.5
Std Dev 2.5
Underflow 0
Overflow 0
Integral 2

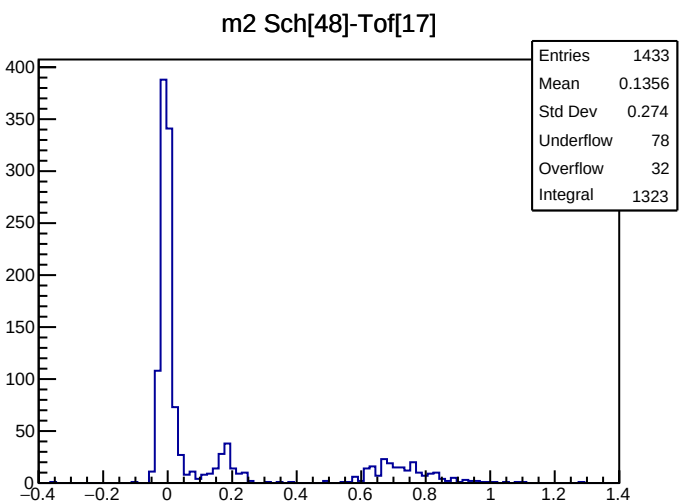

MissMass Sigma Sch[48]-Tof[16]
Entries 70
Mean 1.266
Std Dev 0.08096
Underflow 1
Overflow 0
Integral 69

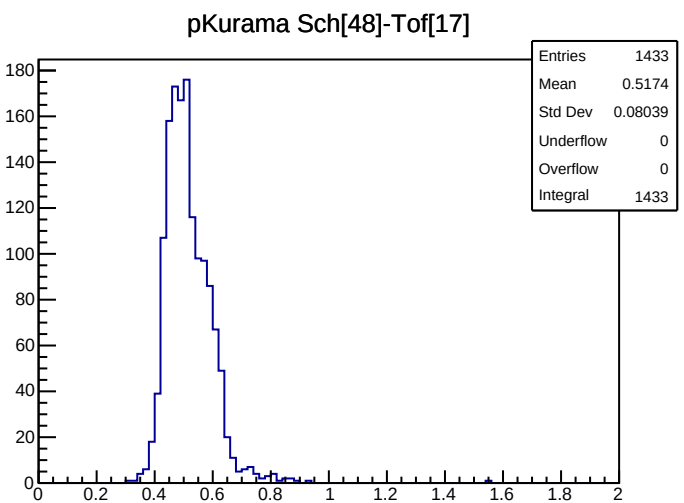

m2 Sch[48]-Tof[16]
Entries 2330
Mean 0.1447
Std Dev 0.2701
Underflow 36
Overflow 37
Integral 2257

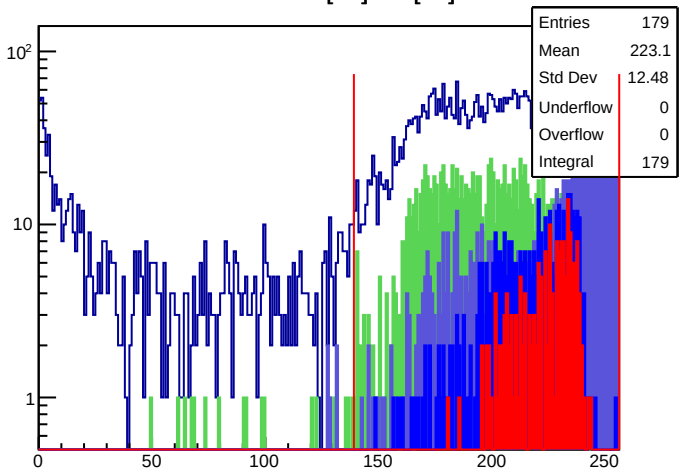

pKurama Sch[48]-Tof[16]
Entries 2330
Mean 0.4702
Std Dev 0.05636
Underflow 0
Overflow 0
Integral 2330

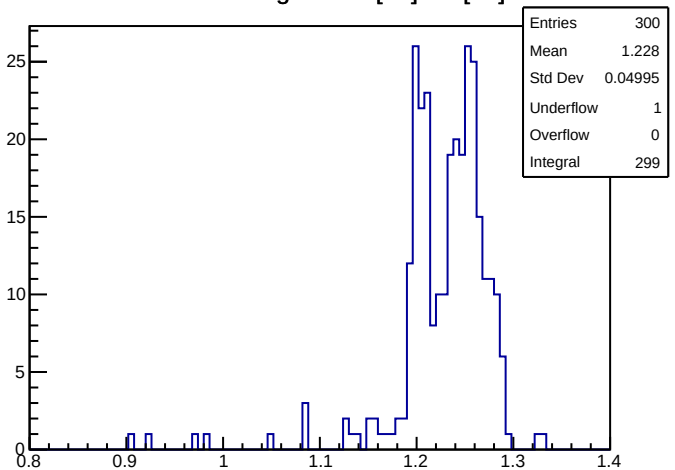

sftx all Sch[48]-Tof[17]
Entries 8
Mean 218.9
Std Dev 16.86
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

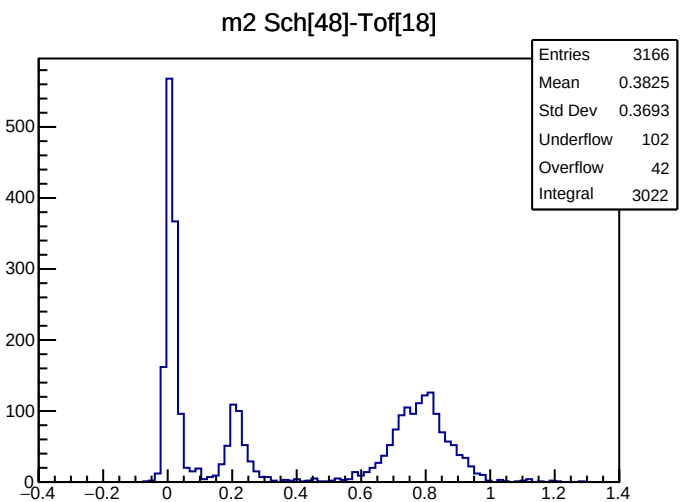

MissMass Sigma Sch[48]-Tof[17]
Entries 83
Mean 1.258
Std Dev 0.05013
Underflow 0
Overflow 0
Integral 83
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

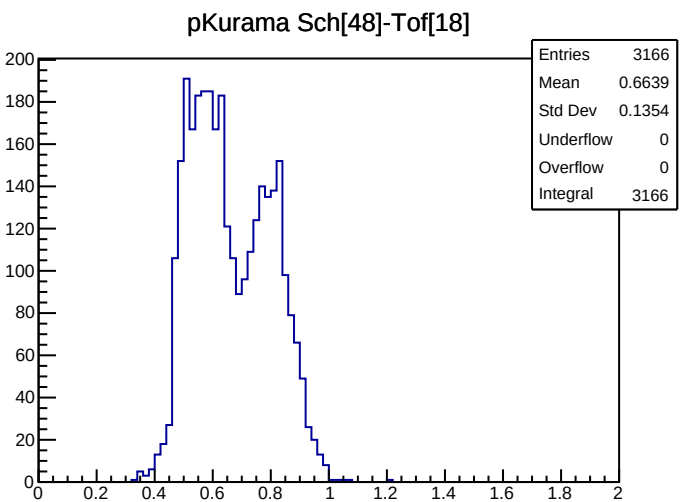

m2 Sch[48]-Tof[17]
Entries 1433
Mean 0.1356
Std Dev 0.274
Underflow 78
Overflow 32
Integral 1323
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

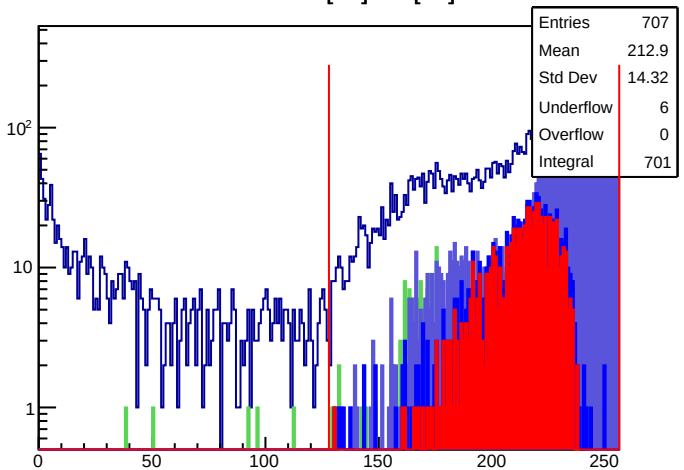

pKurama Sch[48]-Tof[17]
Entries 1433
Mean 0.5174
Std Dev 0.08039
Underflow 0
Overflow 0
Integral 1433
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

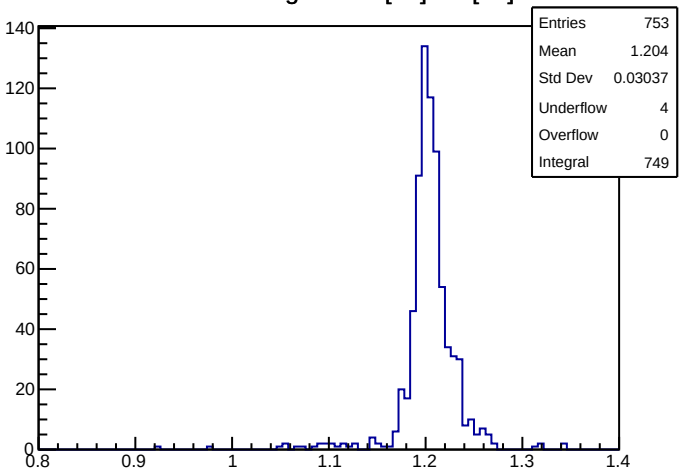

sftx all Sch[48]-Tof[18]
Entries 179
Mean 223.1
Std Dev 12.48
Underflow 0
Overflow 0
Integral 179

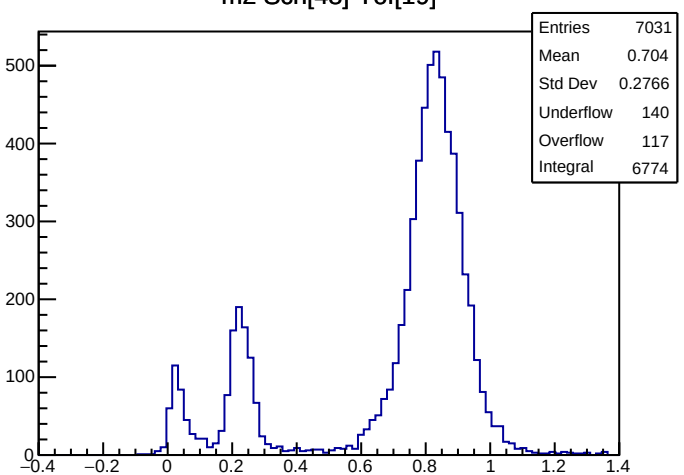

MissMass Sigma Sch[48]-Tof[18]
Entries 300
Mean 1.228
Std Dev 0.04995
Underflow 1
Overflow 0
Integral 299

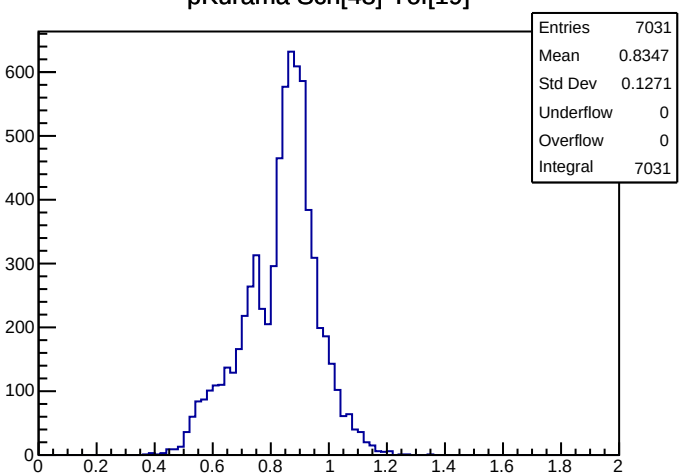

m2 Sch[48]-Tof[18]
Entries 3166
Mean 0.3825
Std Dev 0.3693
Underflow 102
Overflow 42
Integral 3022

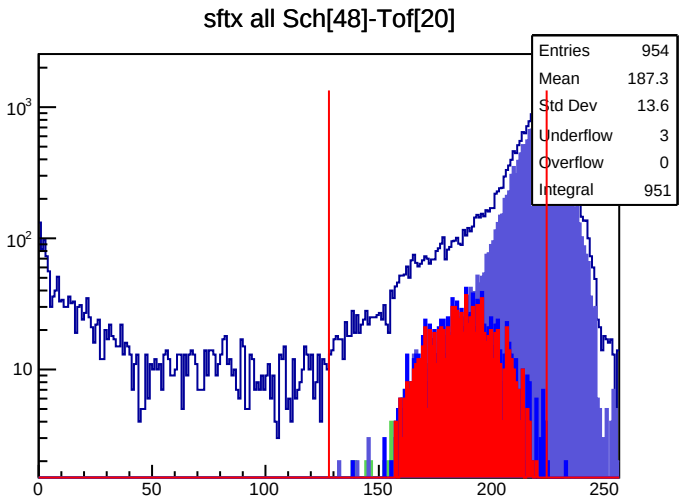

pKurama Sch[48]-Tof[18]
Entries 3166
Mean 0.6639
Std Dev 0.1354
Underflow 0
Overflow 0
Integral 3166

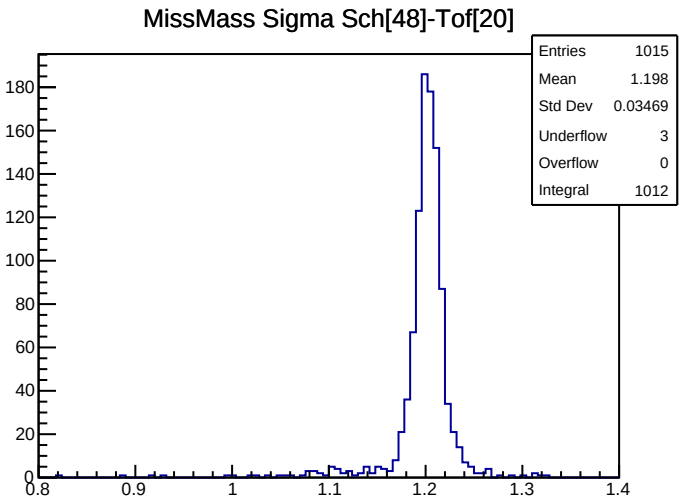

sftx all Sch[48]-Tof[19]
Entries 707
Mean 212.9
Std Dev 14.32
Underflow 6
Overflow 0
Integral 701

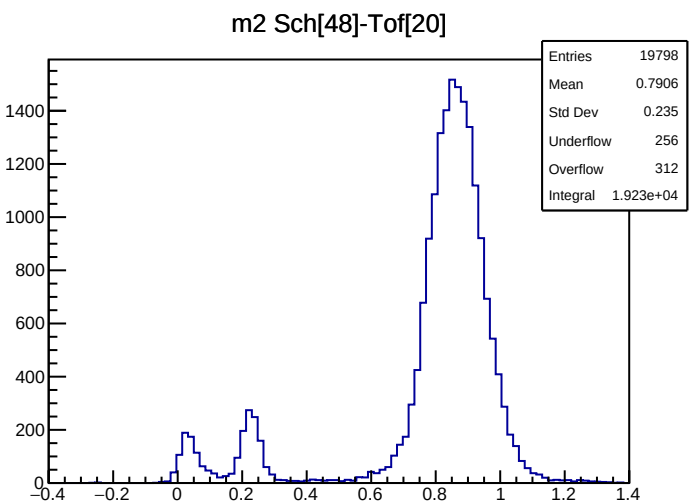

MissMass Sigma Sch[48]-Tof[19]
Entries 753
Mean 1.204
Std Dev 0.03037
Underflow 4
Overflow 0
Integral 749

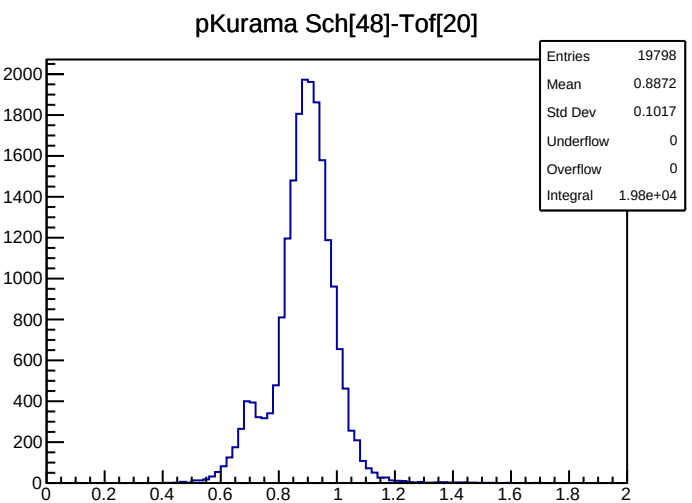

m2 Sch[48]-Tof[19]
Entries 7031
Mean 0.704
Std Dev 0.2766
Underflow 140
Overflow 117
Integral 6774

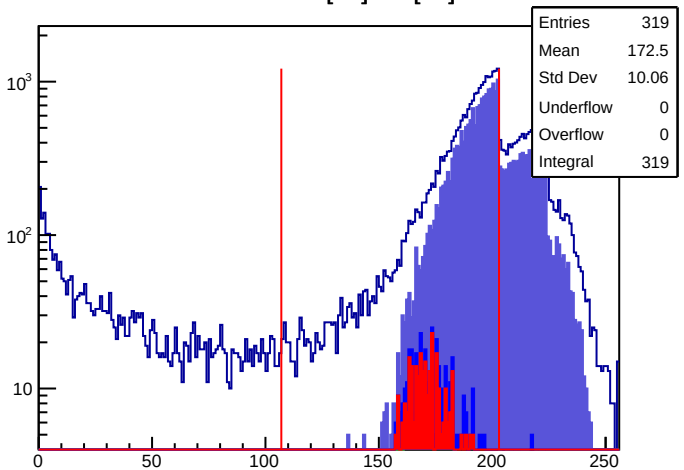

pKurama Sch[48]-Tof[19]
Entries 7031
Mean 0.8347
Std Dev 0.1271
Underflow 0
Overflow 0
Integral 7031

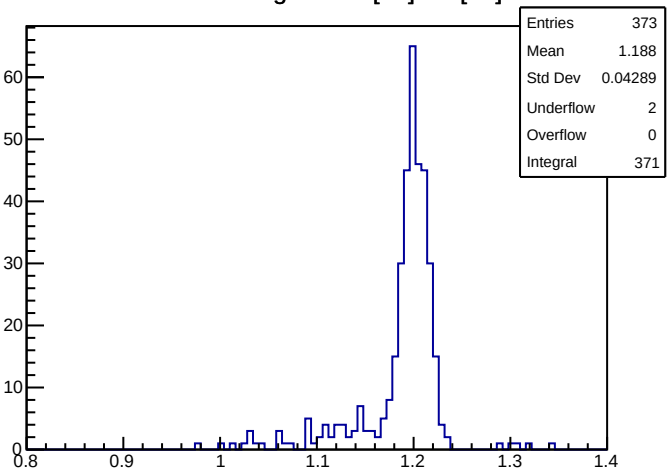

sftx all Sch[48]-Tof[20]
Entries 954
Mean 187.3
Std Dev 13.6
Underflow 3
Overflow 0
Integral 951

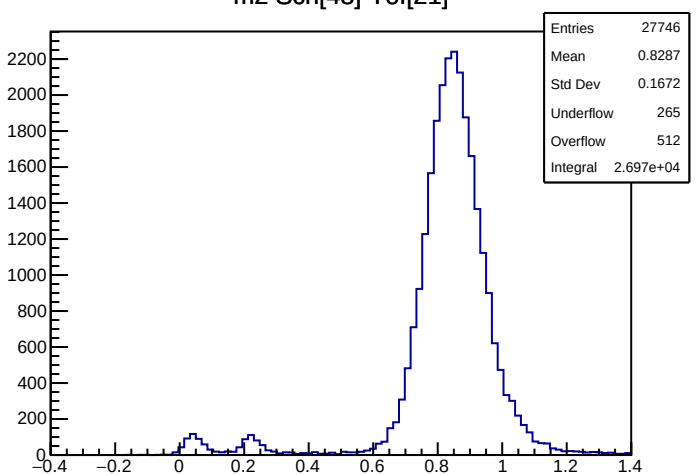

MissMass Sigma Sch[48]-Tof[20]
Entries 1015
Mean 1.198
Std Dev 0.03469
Underflow 3
Overflow 0
Integral 1012

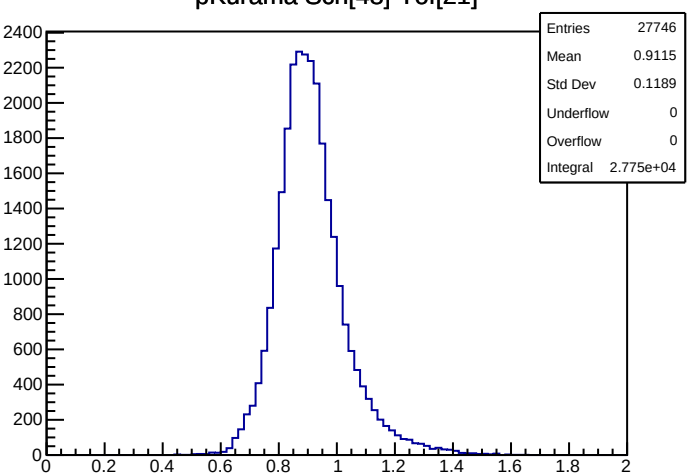

m2 Sch[48]-Tof[20]
Entries 19798
Mean 0.7906
Std Dev 0.235
Underflow 256
Overflow 312
Integral 1.923e+04

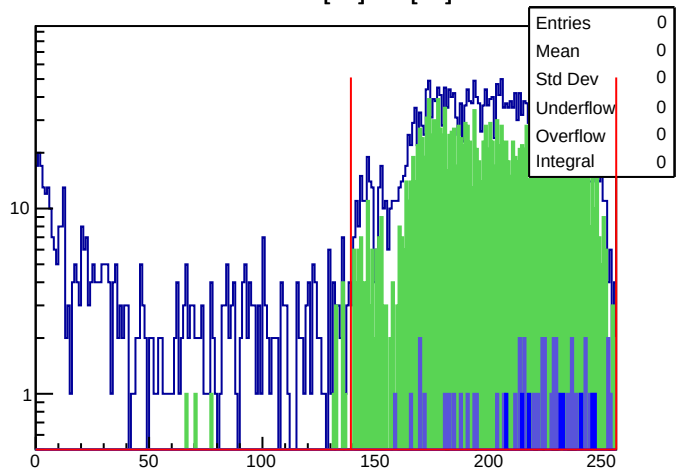

pKurama Sch[48]-Tof[20]
Entries 19798
Mean 0.8872
Std Dev 0.1017
Underflow 0
Overflow 0
Integral 1.98e+04

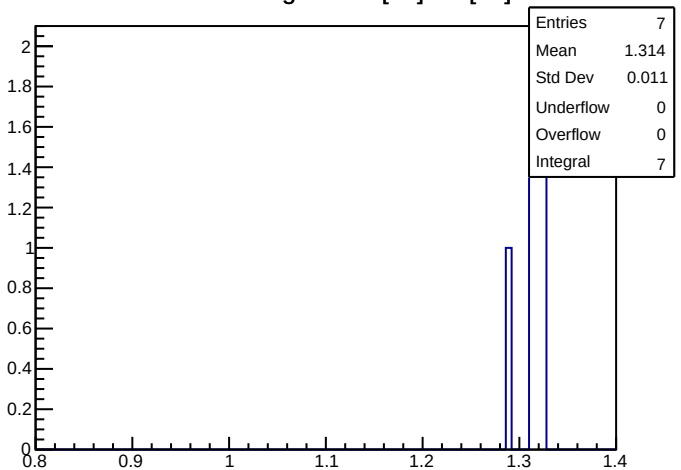

sftx all Sch[48]-Tof[21]
Entries 319
Mean 172.5
Std Dev 10.06
Underflow 0
Overflow 0
Integral 319

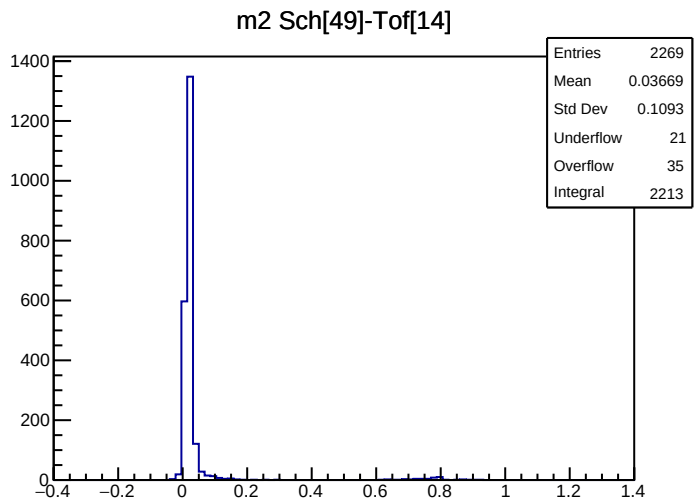

MissMass Sigma Sch[48]-Tof[21]
Entries 373
Mean 1.188
Std Dev 0.04289
Underflow 2
Overflow 0
Integral 371

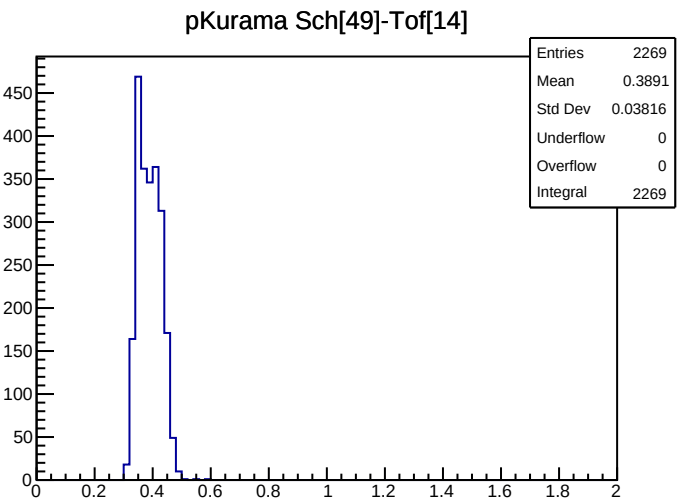

m2 Sch[48]-Tof[21]
Entries 27746
Mean 0.8287
Std Dev 0.1672
Underflow 265
Overflow 512
Integral 2.697e+04

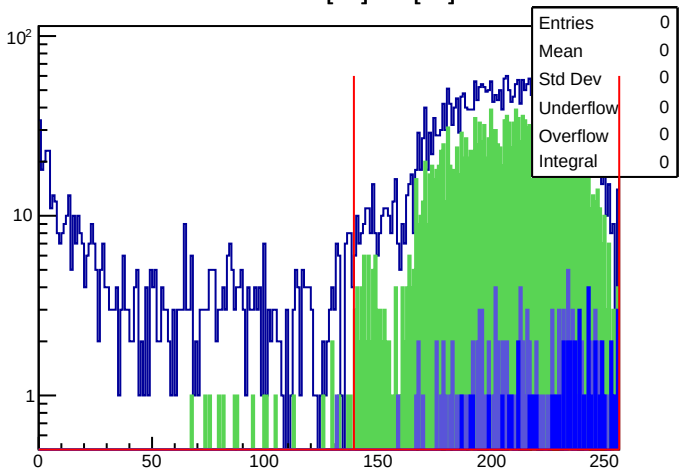

pKurama Sch[48]-Tof[21]
Entries 27746
Mean 0.9115
Std Dev 0.1189
Underflow 0
Overflow 0
Integral 2.775e+04

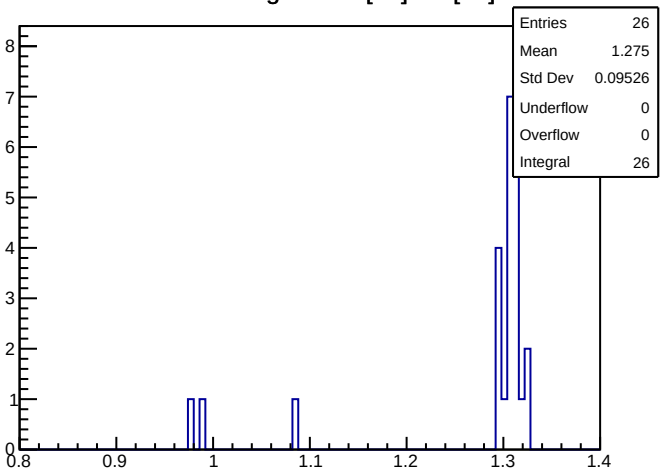

sftx all Sch[49]-Tof[14]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

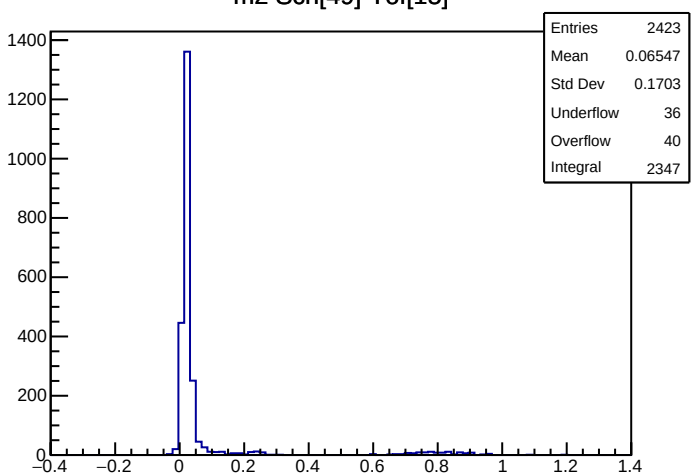

MissMass Sigma Sch[49]-Tof[14]
Entries 7
Mean 1.314
Std Dev 0.011
Underflow 0
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

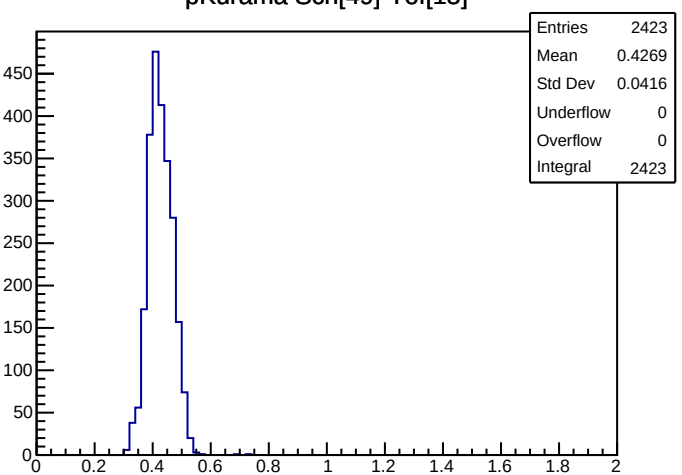

m2 Sch[49]-Tof[14]
Entries 2269
Mean 0.03669
Std Dev 0.1093
Underflow 21
Overflow 35
Integral 2213
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

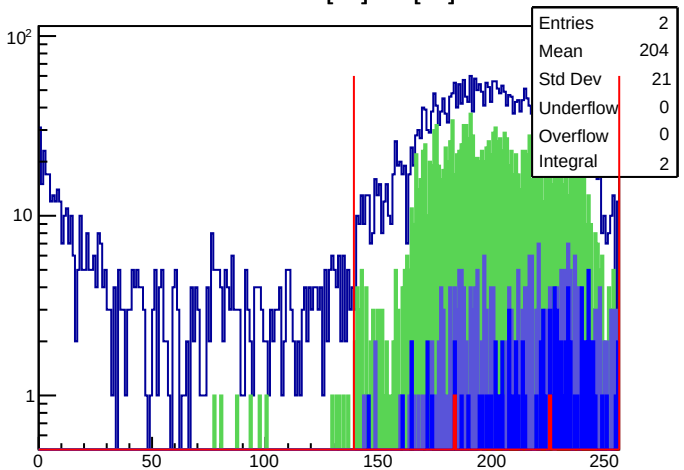

pKurama Sch[49]-Tof[14]
Entries 2269
Mean 0.3891
Std Dev 0.03816
Underflow 0
Overflow 0
Integral 2269
450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

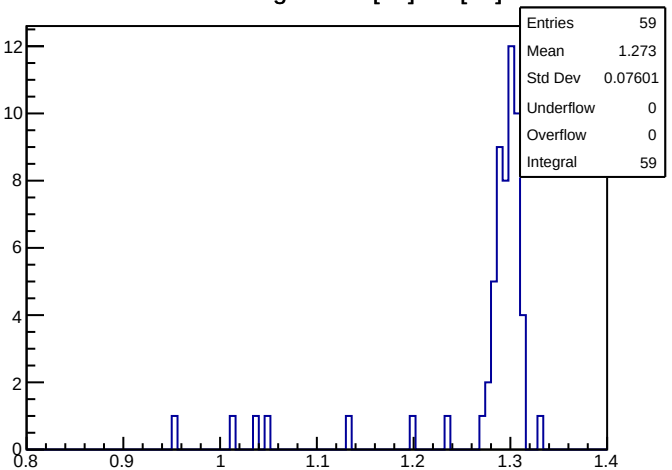

sftx all Sch[49]-Tof[15]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

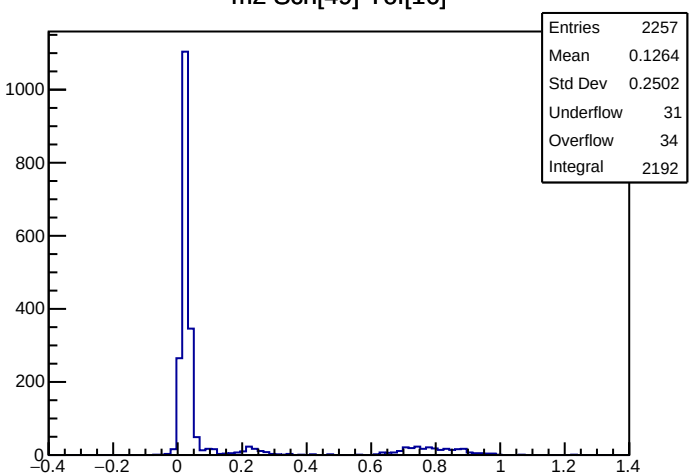

MissMass Sigma Sch[49]-Tof[15]
Entries 26
Mean 1.275
Std Dev 0.09526
Underflow 0
Overflow 0
Integral 26

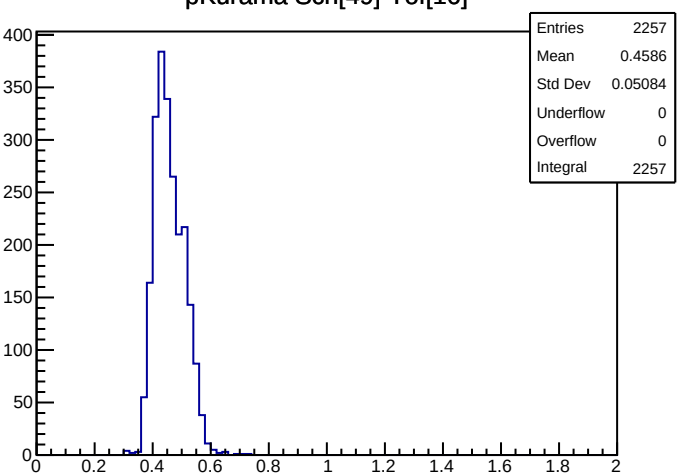

m2 Sch[49]-Tof[15]
Entries 2423
Mean 0.06547
Std Dev 0.1703
Underflow 36
Overflow 40
Integral 2347

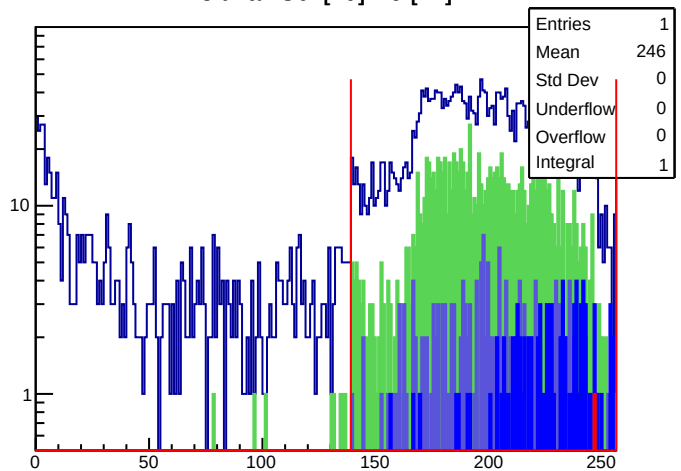

pKurama Sch[49]-Tof[15]
Entries 2423
Mean 0.4269
Std Dev 0.0416
Underflow 0
Overflow 0
Integral 2423

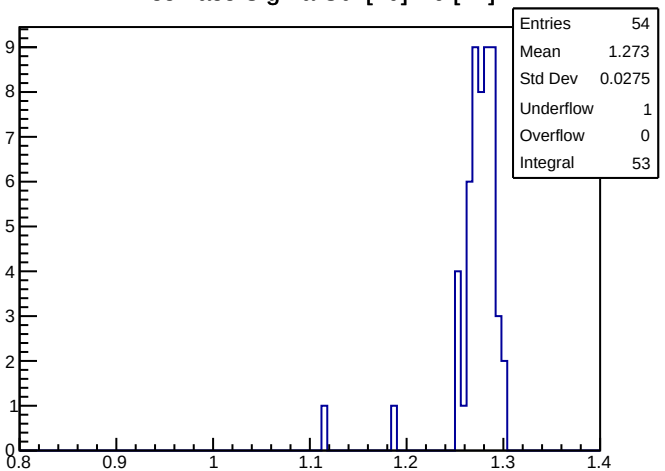

sftx all Sch[49]-Tof[16]
Entries 2
Mean 204
Std Dev 21
Underflow 0
Overflow 0
Integral 2

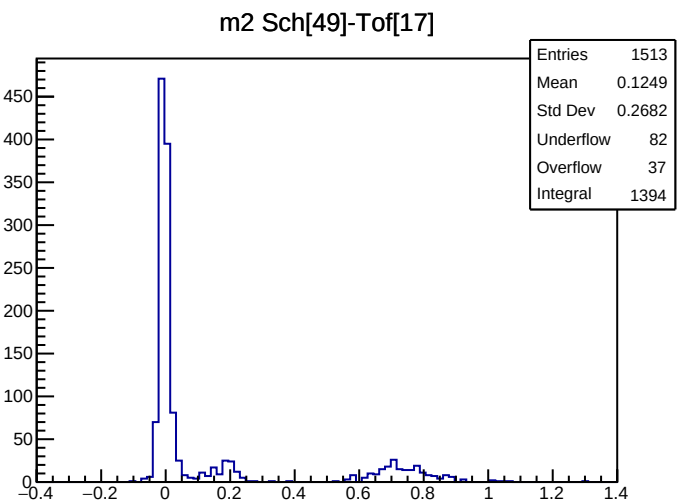

MissMass Sigma Sch[49]-Tof[16]
Entries 59
Mean 1.273
Std Dev 0.07601
Underflow 0
Overflow 0
Integral 59

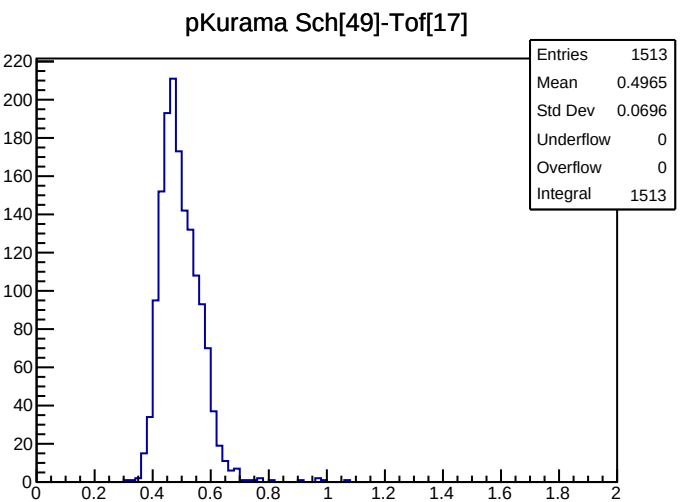

m2 Sch[49]-Tof[16]
Entries 2257
Mean 0.1264
Std Dev 0.2502
Underflow 31
Overflow 34
Integral 2192

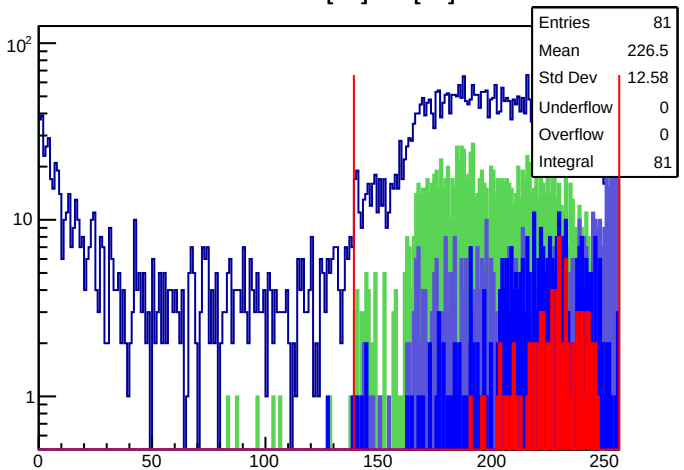

pKurama Sch[49]-Tof[16]
Entries 2257
Mean 0.4586
Std Dev 0.05084
Underflow 0
Overflow 0
Integral 2257

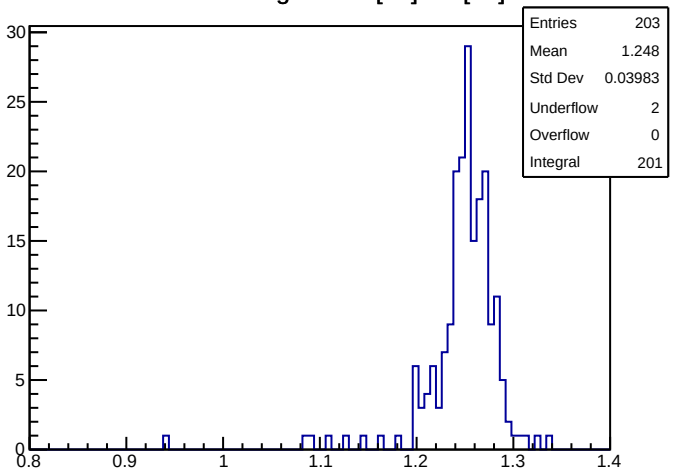

sftx all Sch[49]-Tof[17]
Entries 1
Mean 246
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

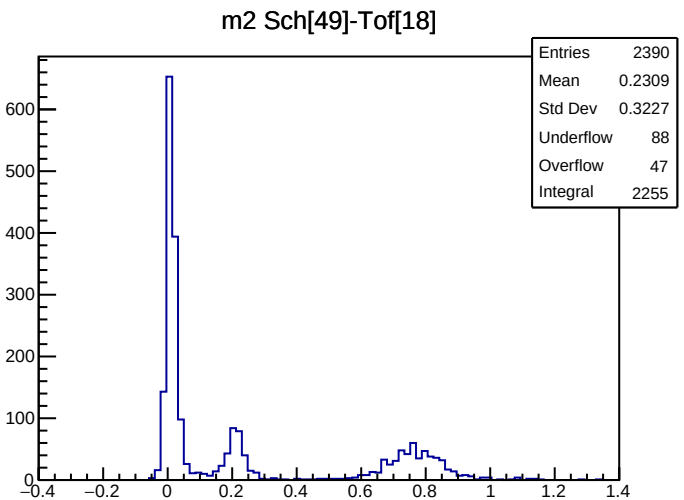

MissMass Sigma Sch[49]-Tof[17]
Entries 54
Mean 1.273
Std Dev 0.0275
Underflow 1
Overflow 0
Integral 53
9
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

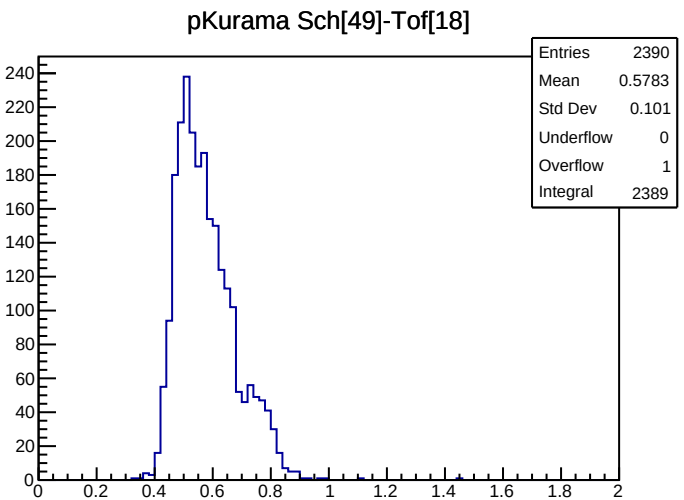

m2 Sch[49]-Tof[17]
Entries 1513
Mean 0.1249
Std Dev 0.2682
Underflow 82
Overflow 37
Integral 1394
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

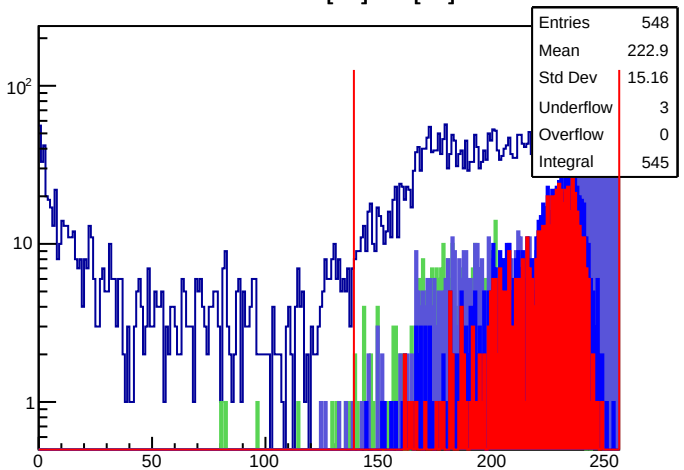

pKurama Sch[49]-Tof[17]
Entries 1513
Mean 0.4965
Std Dev 0.0696
Underflow 0
Overflow 0
Integral 1513
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

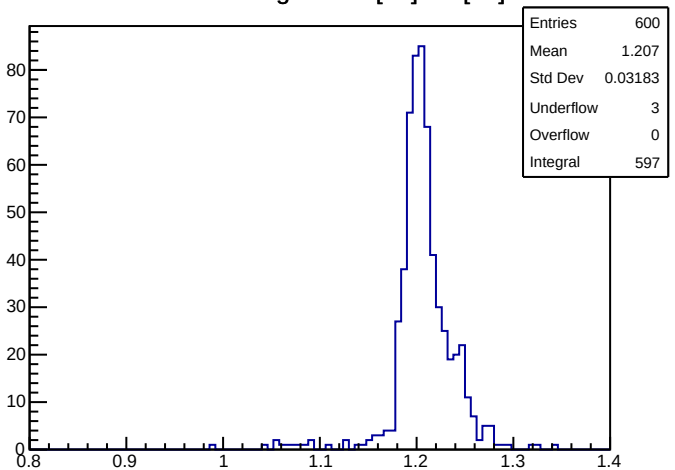

sftx all Sch[49]-Tof[18]
Entries 81
Mean 226.5
Std Dev 12.58
Underflow 0
Overflow 0
Integral 81

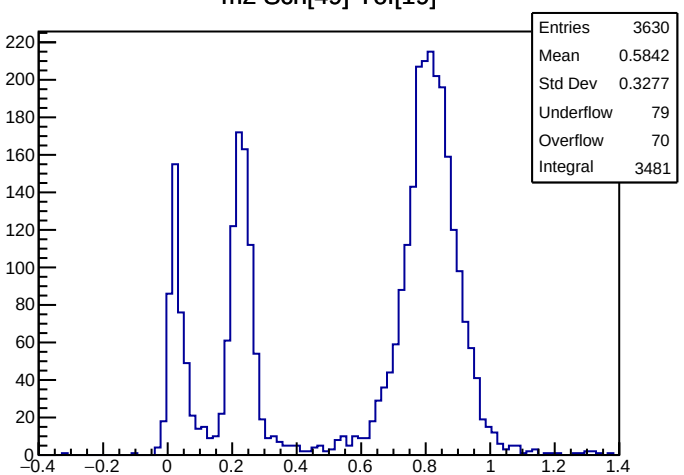

MissMass Sigma Sch[49]-Tof[18]
Entries 203
Mean 1.248
Std Dev 0.03983
Underflow 2
Overflow 0
Integral 201

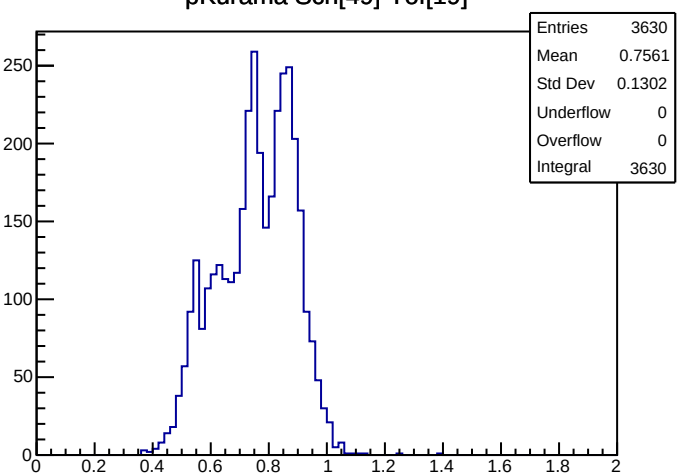

m2 Sch[49]-Tof[18]
Entries 2390
Mean 0.2309
Std Dev 0.3227
Underflow 88
Overflow 47
Integral 2255

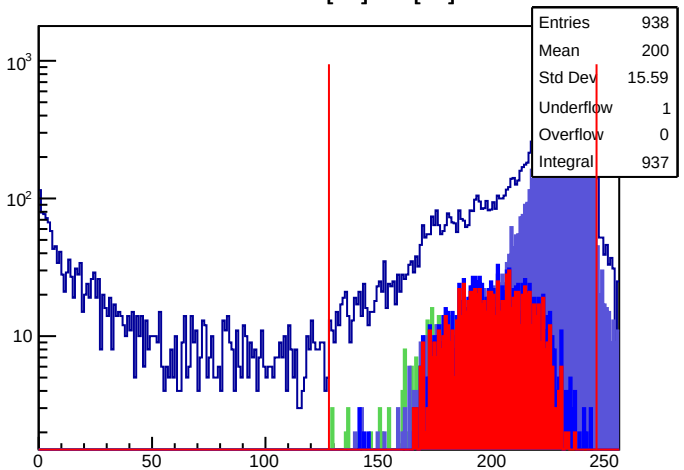

pKurama Sch[49]-Tof[18]
Entries 2390
Mean 0.5783
Std Dev 0.101
Underflow 0
Overflow 1
Integral 2389

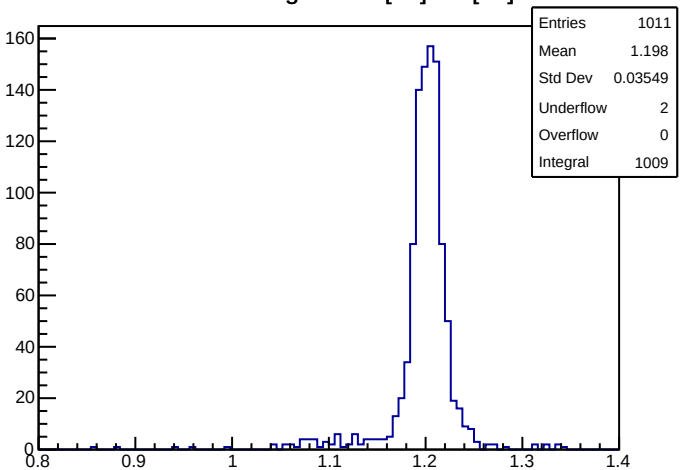

sftx all Sch[49]-Tof[19]
Entries 548
Mean 222.9
Std Dev 15.16
Underflow 3
Overflow 0
Integral 545

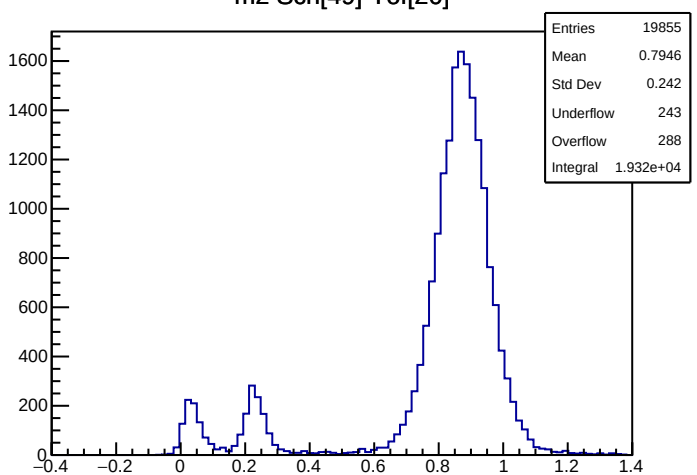

MissMass Sigma Sch[49]-Tof[19]
Entries 600
Mean 1.207
Std Dev 0.03183
Underflow 3
Overflow 0
Integral 597

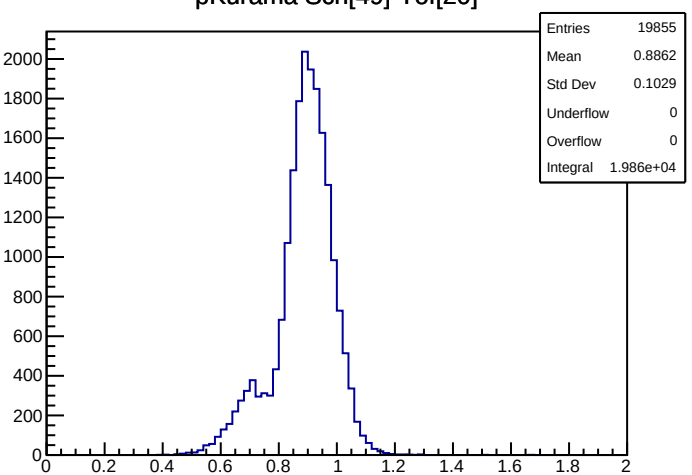

m2 Sch[49]-Tof[19]
Entries 3630
Mean 0.5842
Std Dev 0.3277
Underflow 79
Overflow 70
Integral 3481

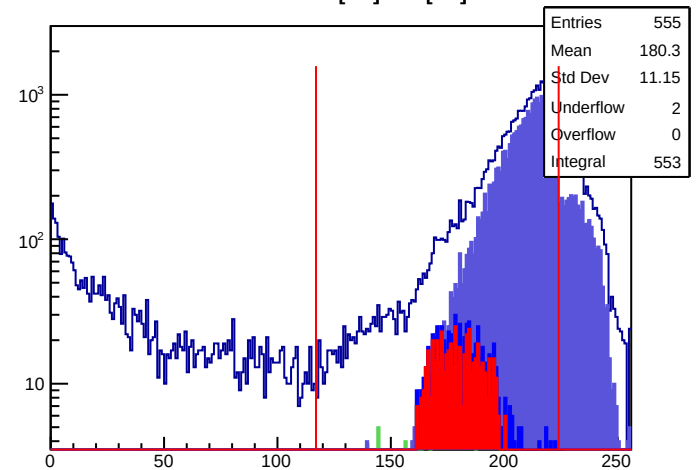

pKurama Sch[49]-Tof[19]
Entries 3630
Mean 0.7561
Std Dev 0.1302
Underflow 0
Overflow 0
Integral 3630

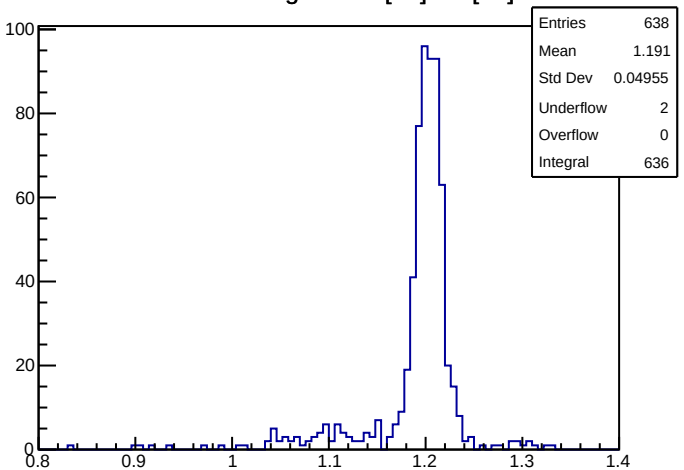

sftx all Sch[49]-Tof[20]
Entries 938
Mean 200
Std Dev 15.59
Underflow 1
Overflow 0
Integral 937

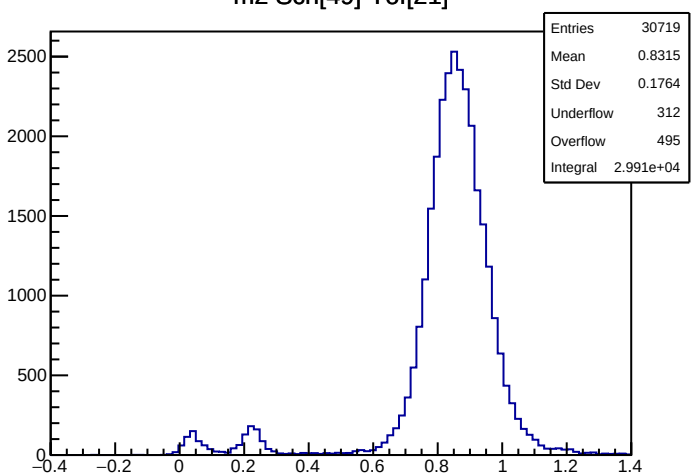

MissMass Sigma Sch[49]-Tof[20]
Entries 1011
Mean 1.198
Std Dev 0.03549
Underflow 2
Overflow 0
Integral 1009

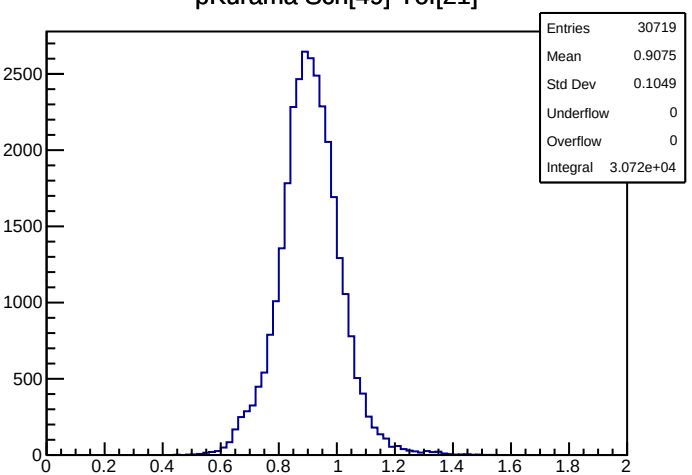

m2 Sch[49]-Tof[20]
Entries 19855
Mean 0.7946
Std Dev 0.242
Underflow 243
Overflow 288
Integral 1.932e+04

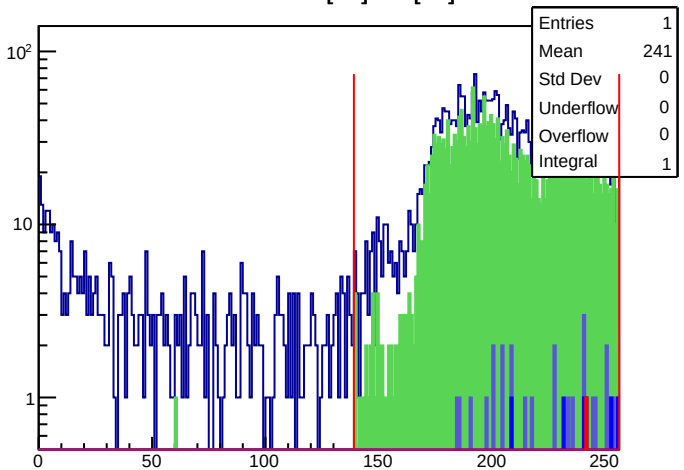

pKurama Sch[49]-Tof[20]
Entries 19855
Mean 0.8862
Std Dev 0.1029
Underflow 0
Overflow 0
Integral 1.986e+04

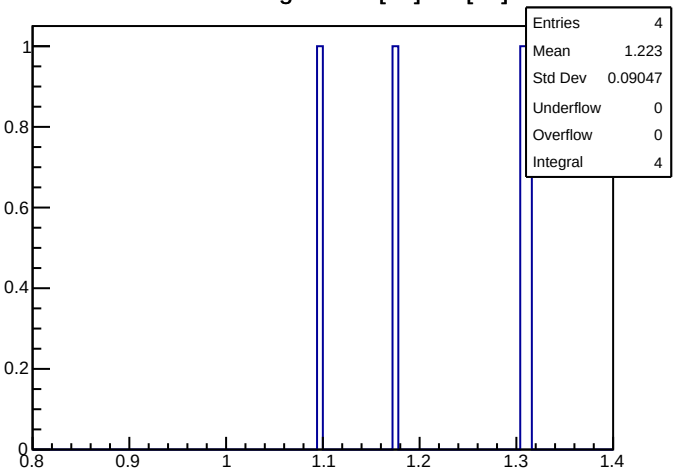

sftx all Sch[49]-Tof[21]
Entries 555
Mean 180.3
Std Dev 11.15
Underflow 2
Overflow 0
Integral 553

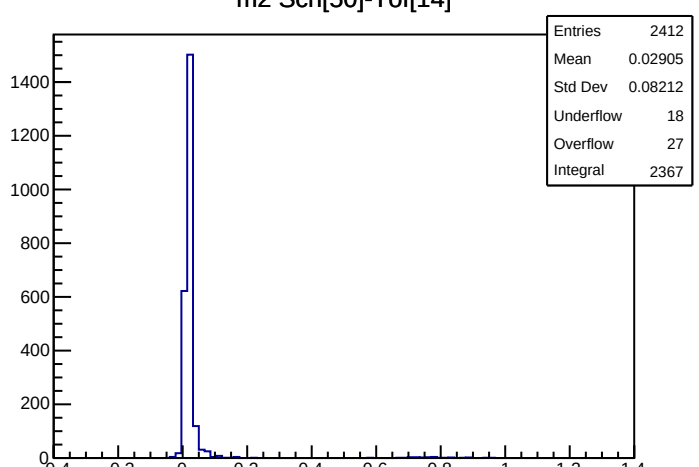

MissMass Sigma Sch[49]-Tof[21]
Entries 638
Mean 1.191
Std Dev 0.04955
Underflow 2
Overflow 0
Integral 636

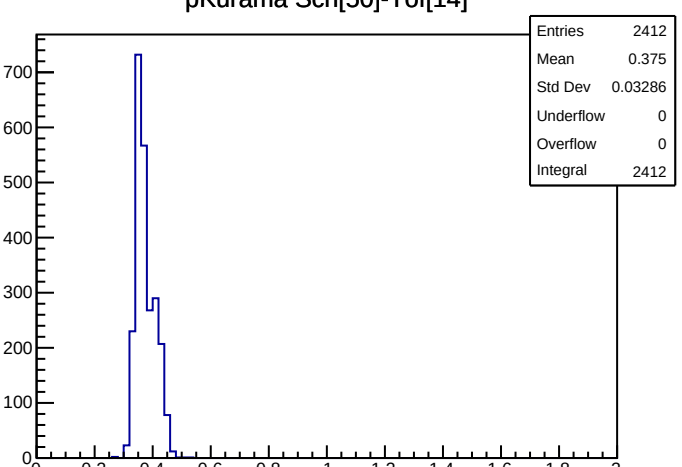

m2 Sch[49]-Tof[21]
Entries 30719
Mean 0.8315
Std Dev 0.1764
Underflow 312
Overflow 495
Integral 2.991e+04

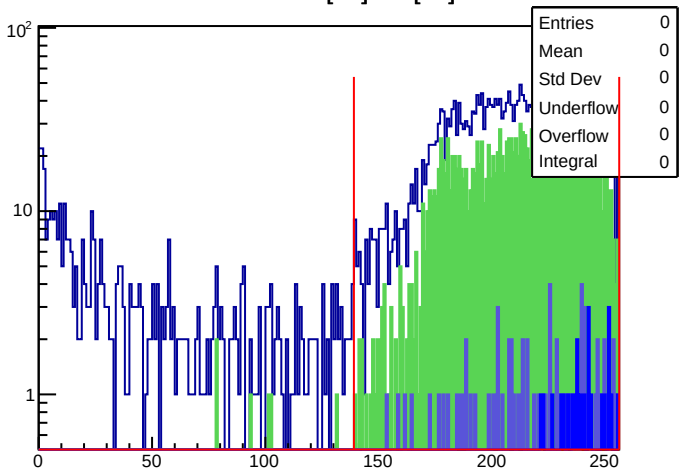

pKurama Sch[49]-Tof[21]
Entries 30719
Mean 0.9075
Std Dev 0.1049
Underflow 0
Overflow 0
Integral 3.072e+04

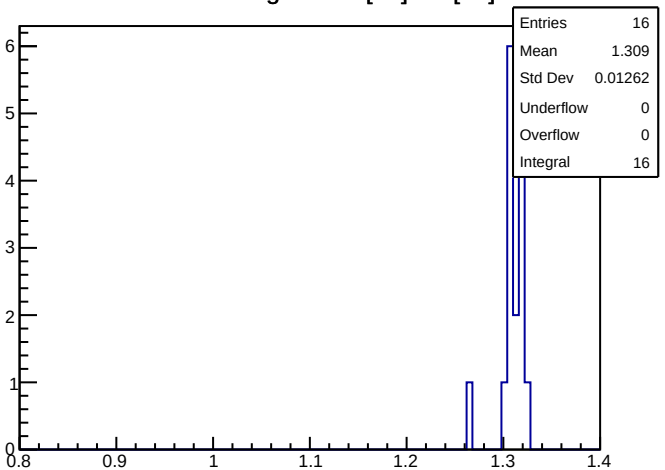

sftx all Sch[50]-Tof[14]
Entries 1
Mean 241
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10²
10
1
0
50
100
150
200
250

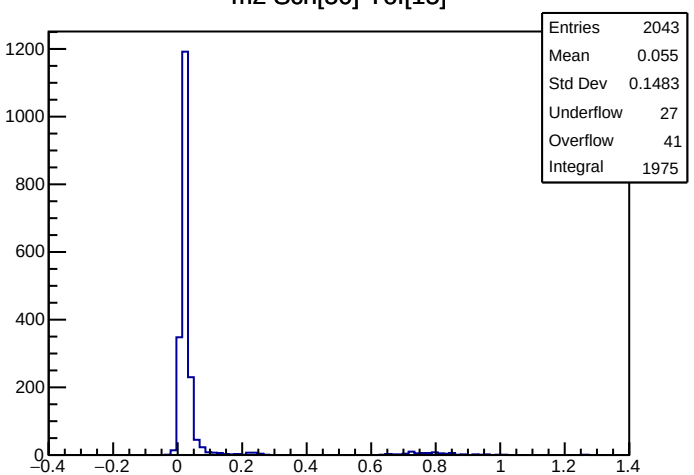

MissMass Sigma Sch[50]-Tof[14]
Entries 4
Mean 1.223
Std Dev 0.09047
Underflow 0
Overflow 0
Integral 4
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

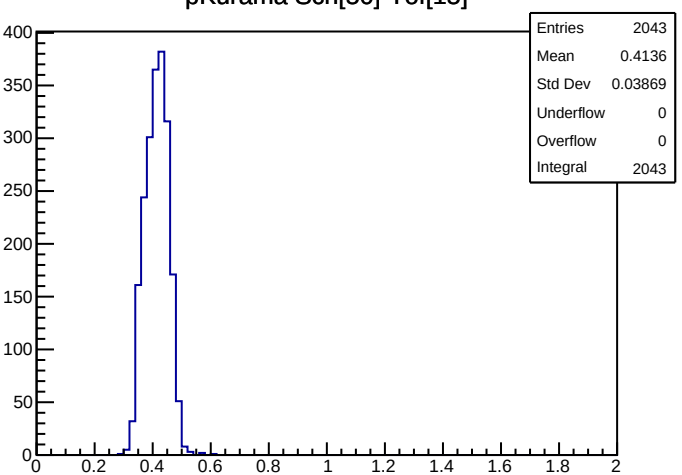

m2 Sch[50]-Tof[14]
Entries 2412
Mean 0.02905
Std Dev 0.08212
Underflow 18
Overflow 27
Integral 2367
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

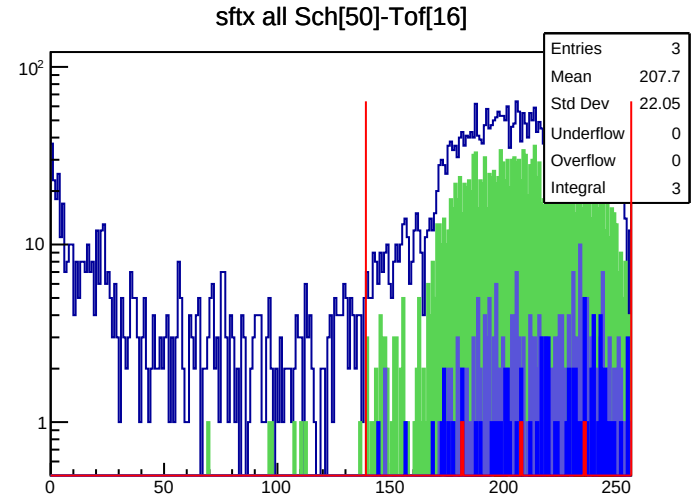

pKurama Sch[50]-Tof[14]
Entries 2412
Mean 0.375
Std Dev 0.03286
Underflow 0
Overflow 0
Integral 2412
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

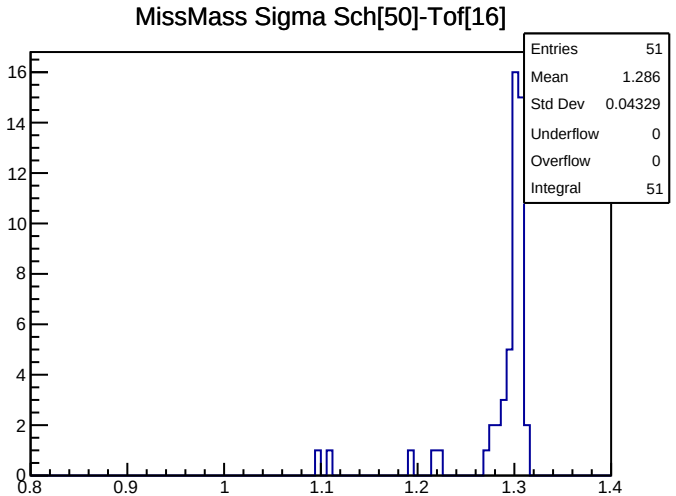

sftx all Sch[50]-Tof[15]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

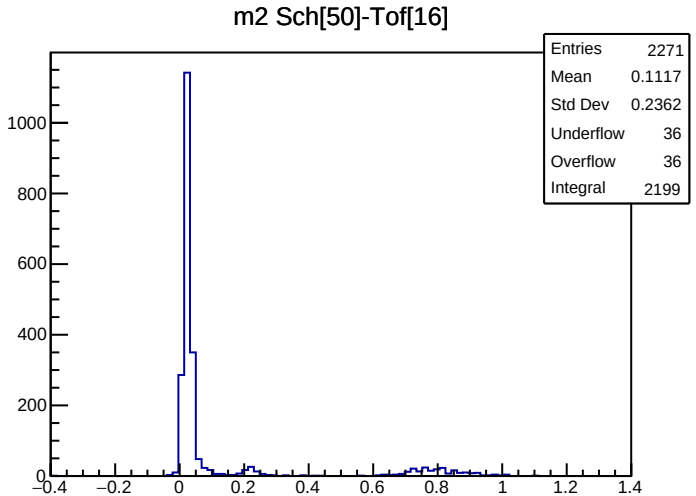

MissMass Sigma Sch[50]-Tof[15]
Entries 16
Mean 1.309
Std Dev 0.01262
Underflow 0
Overflow 0
Integral 16

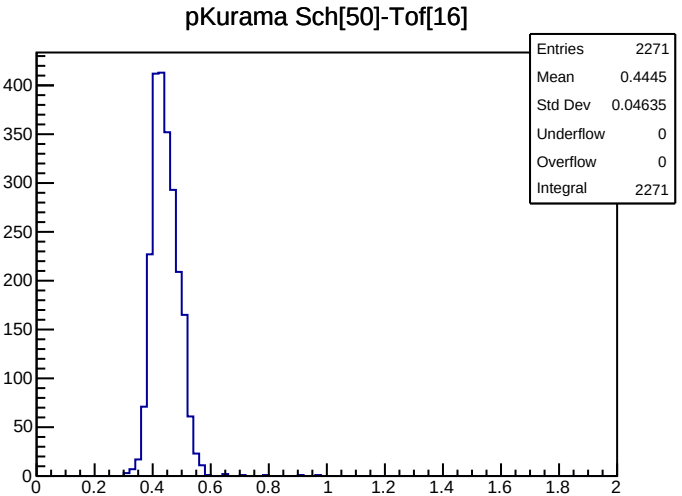

m2 Sch[50]-Tof[15]
Entries 2043
Mean 0.055
Std Dev 0.1483
Underflow 27
Overflow 41
Integral 1975

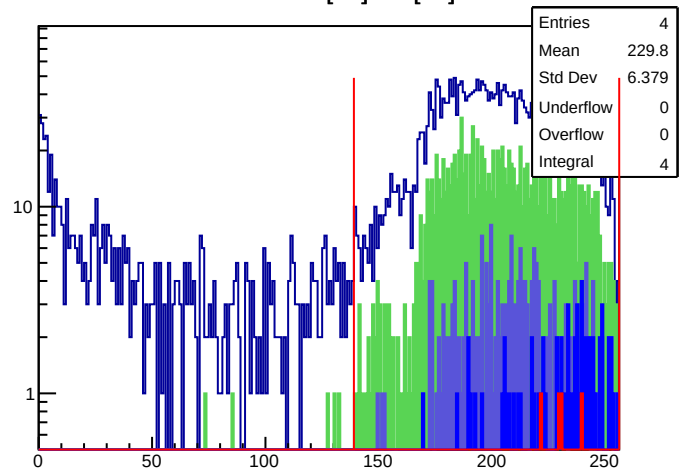

pKurama Sch[50]-Tof[15]
Entries 2043
Mean 0.4136
Std Dev 0.03869
Underflow 0
Overflow 0
Integral 2043

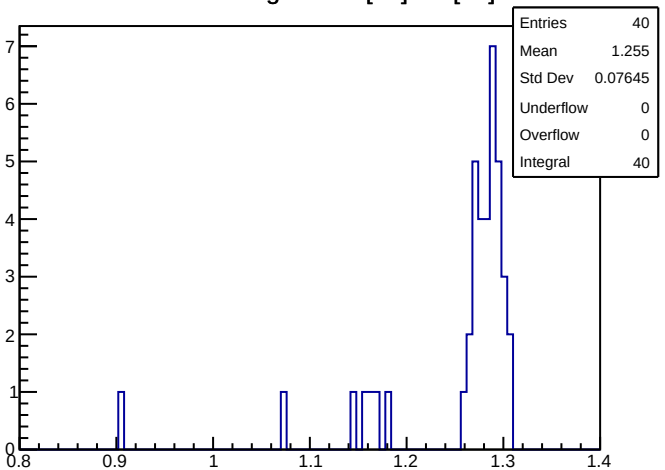

sftx all Sch[50]-Tof[16]
Entries 3
Mean 207.7
Std Dev 22.05
Underflow 0
Overflow 0
Integral 3

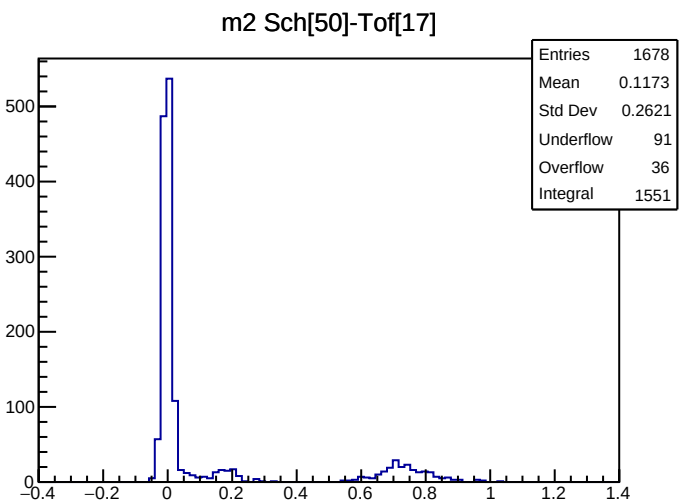

MissMass Sigma Sch[50]-Tof[16]
Entries 51
Mean 1.286
Std Dev 0.04329
Underflow 0
Overflow 0
Integral 51

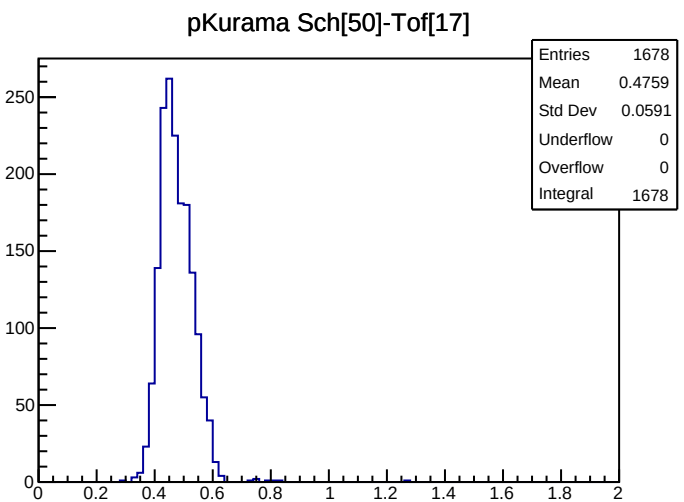

m2 Sch[50]-Tof[16]
Entries 2271
Mean 0.1117
Std Dev 0.2362
Underflow 36
Overflow 36
Integral 2199

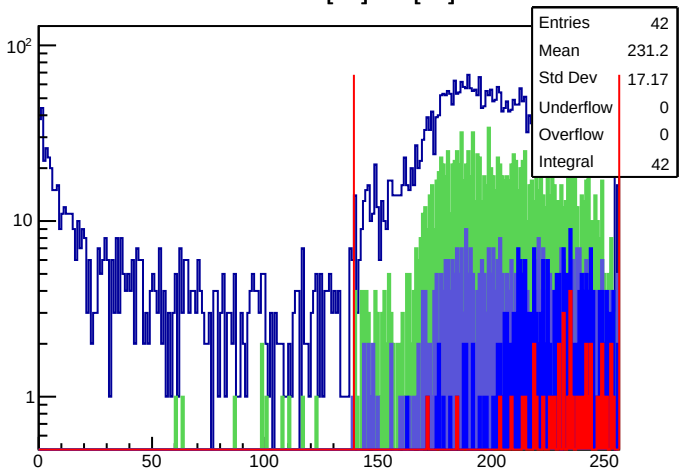

pKurama Sch[50]-Tof[16]
Entries 2271
Mean 0.4445
Std Dev 0.04635
Underflow 0
Overflow 0
Integral 2271

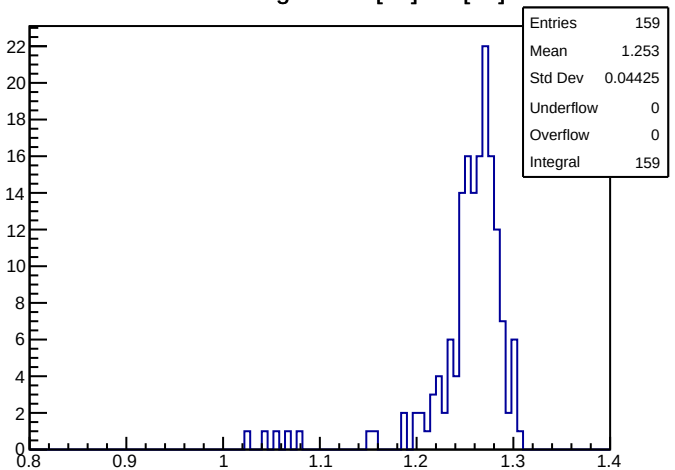

sftx all Sch[50]-Tof[17]
Entries 4
Mean 229.8
Std Dev 6.379
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

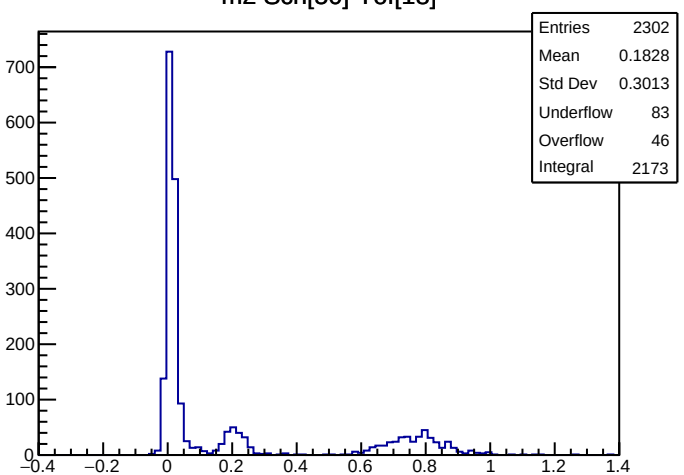

MissMass Sigma Sch[50]-Tof[17]
Entries 40
Mean 1.255
Std Dev 0.07645
Underflow 0
Overflow 0
Integral 40
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

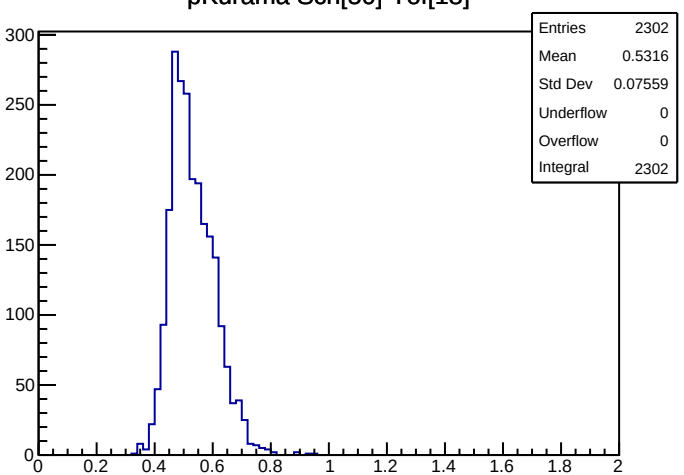

m2 Sch[50]-Tof[17]
Entries 1678
Mean 0.1173
Std Dev 0.2621
Underflow 91
Overflow 36
Integral 1551
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

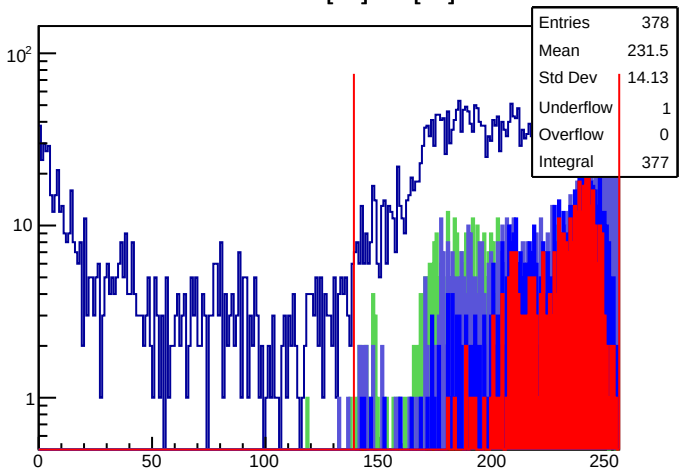

pKurama Sch[50]-Tof[17]
Entries 1678
Mean 0.4759
Std Dev 0.0591
Underflow 0
Overflow 0
Integral 1678
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

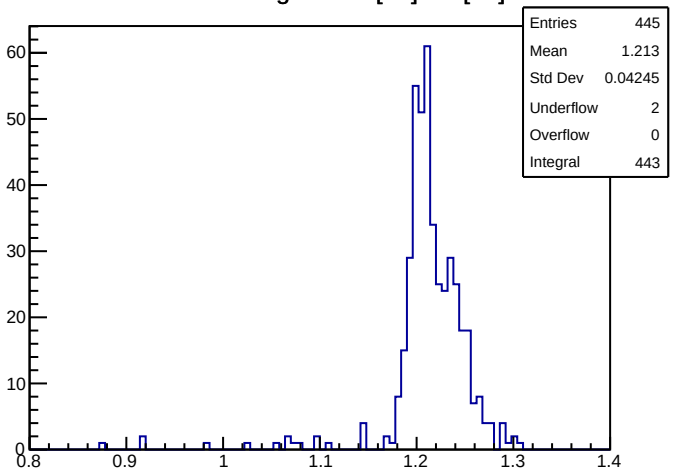

sftx all Sch[50]-Tof[18]
Entries 42
Mean 231.2
Std Dev 17.17
Underflow 0
Overflow 0
Integral 42

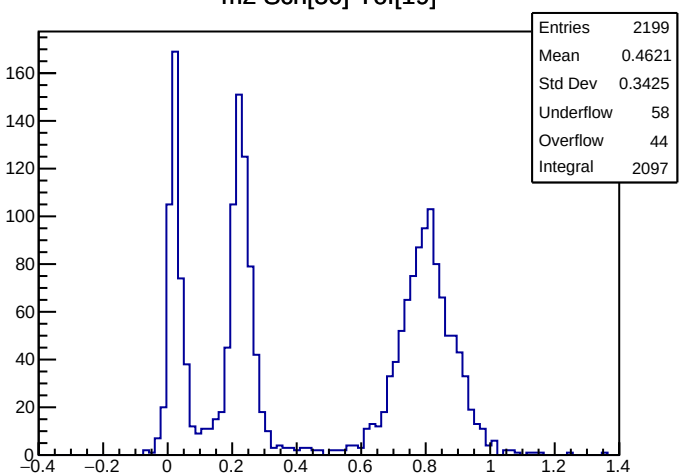

MissMass Sigma Sch[50]-Tof[18]
Entries 159
Mean 1.253
Std Dev 0.04425
Underflow 0
Overflow 0
Integral 159

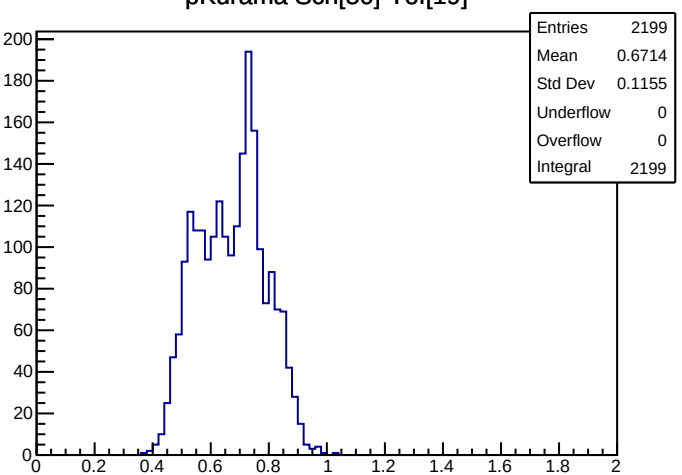

m2 Sch[50]-Tof[18]
Entries 2302
Mean 0.1828
Std Dev 0.3013
Underflow 83
Overflow 46
Integral 2173

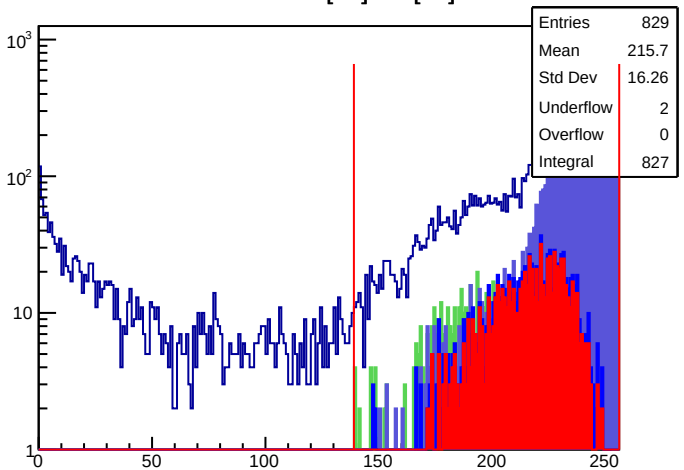

pKurama Sch[50]-Tof[18]
Entries 2302
Mean 0.5316
Std Dev 0.07559
Underflow 0
Overflow 0
Integral 2302

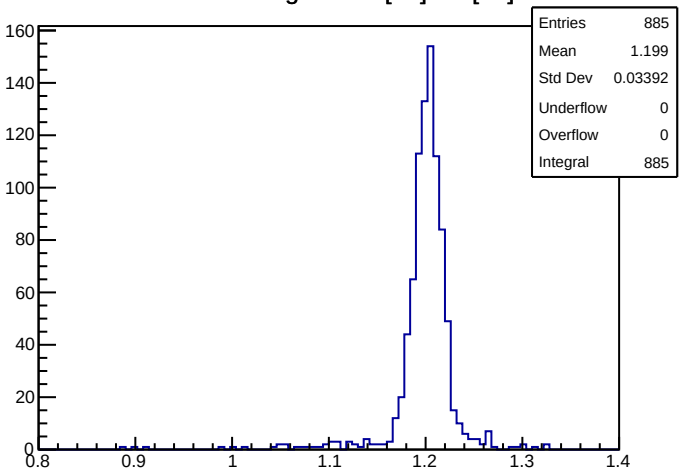

sftx all Sch[50]-Tof[19]
Entries 378
Mean 231.5
Std Dev 14.13
Underflow 1
Overflow 0
Integral 377

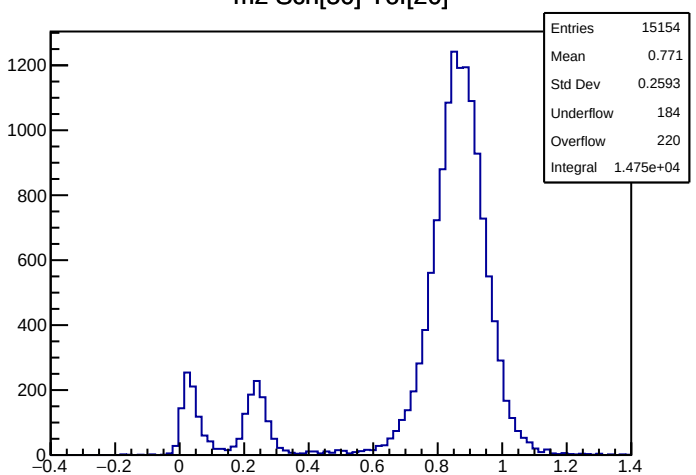

MissMass Sigma Sch[50]-Tof[19]
Entries 445
Mean 1.213
Std Dev 0.04245
Underflow 2
Overflow 0
Integral 443

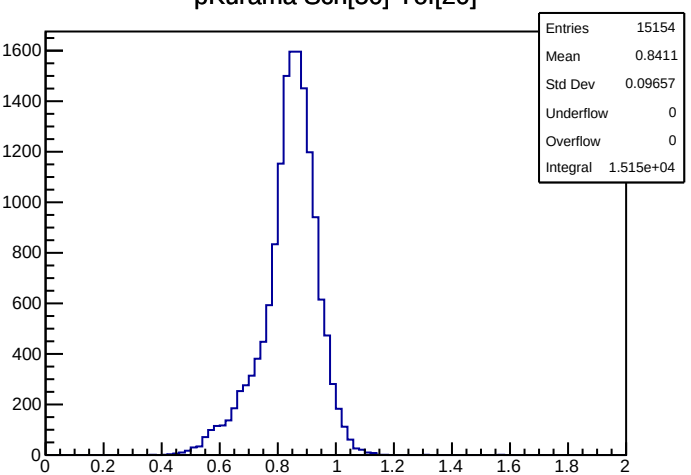

m2 Sch[50]-Tof[19]
Entries 2199
Mean 0.4621
Std Dev 0.3425
Underflow 58
Overflow 44
Integral 2097

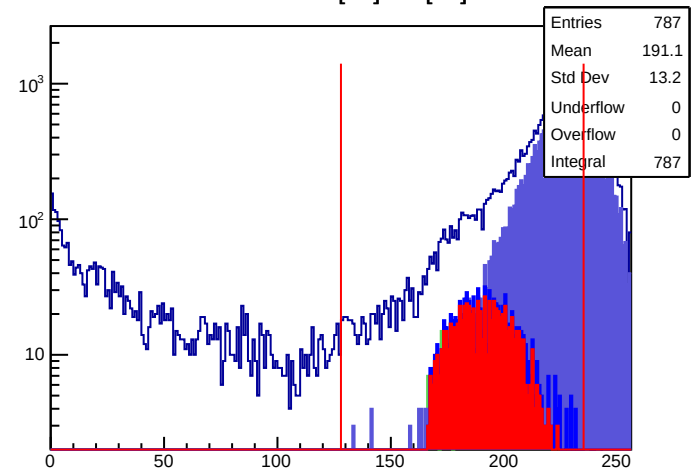

pKurama Sch[50]-Tof[19]
Entries 2199
Mean 0.6714
Std Dev 0.1155
Underflow 0
Overflow 0
Integral 2199

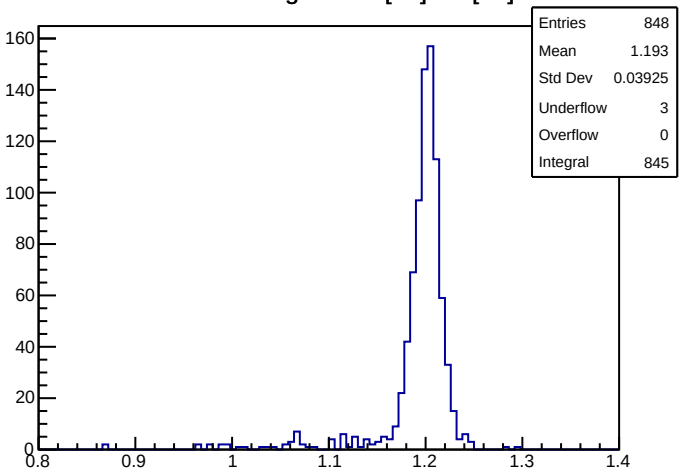

sftx all Sch[50]-Tof[20]
Entries 829
Mean 215.7
Std Dev 16.26
Underflow 2
Overflow 0
Integral 827

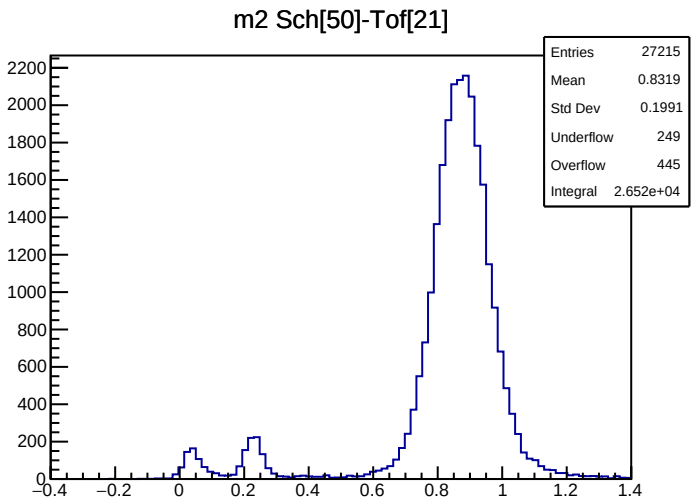

MissMass Sigma Sch[50]-Tof[20]
Entries 885
Mean 1.199
Std Dev 0.03392
Underflow 0
Overflow 0
Integral 885

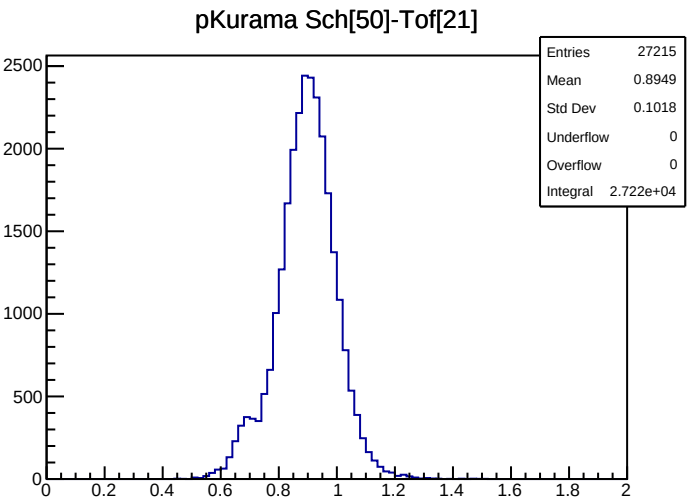

m2 Sch[50]-Tof[20]
Entries 15154
Mean 0.771
Std Dev 0.2593
Underflow 184
Overflow 220
Integral 1.475e+04

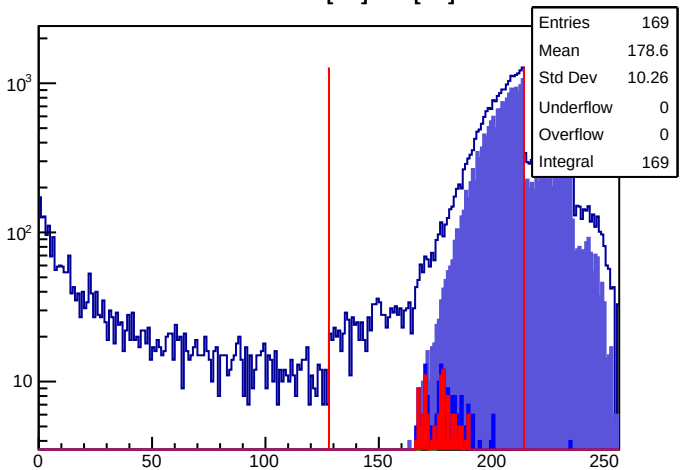

pKurama Sch[50]-Tof[20]
Entries 15154
Mean 0.8411
Std Dev 0.09657
Underflow 0
Overflow 0
Integral 1.515e+04

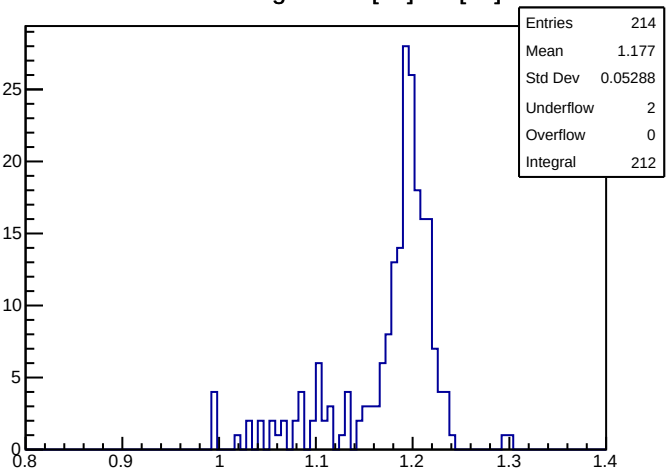

sftx all Sch[50]-Tof[21]
Entries 787
Mean 191.1
Std Dev 13.2
Underflow 0
Overflow 0
Integral 787

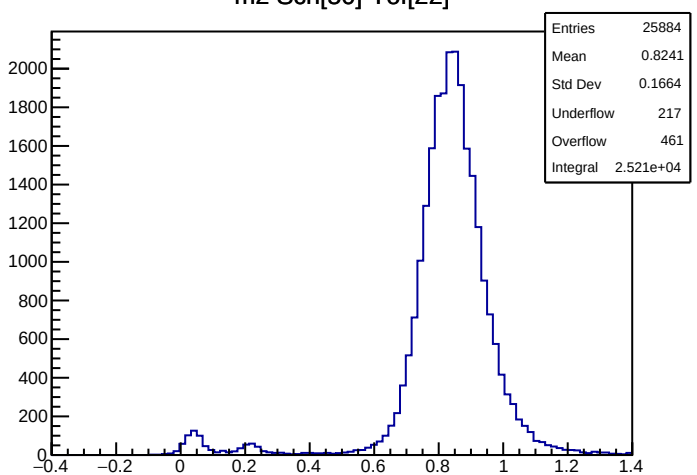

MissMass Sigma Sch[50]-Tof[21]
Entries 848
Mean 1.193
Std Dev 0.03925
Underflow 3
Overflow 0
Integral 845

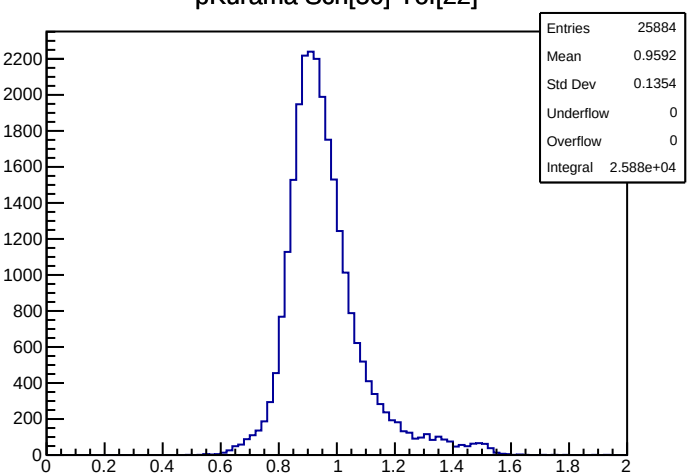

m2 Sch[50]-Tof[21]
Entries 27215
Mean 0.8319
Std Dev 0.1991
Underflow 249
Overflow 445
Integral 2.652e+04

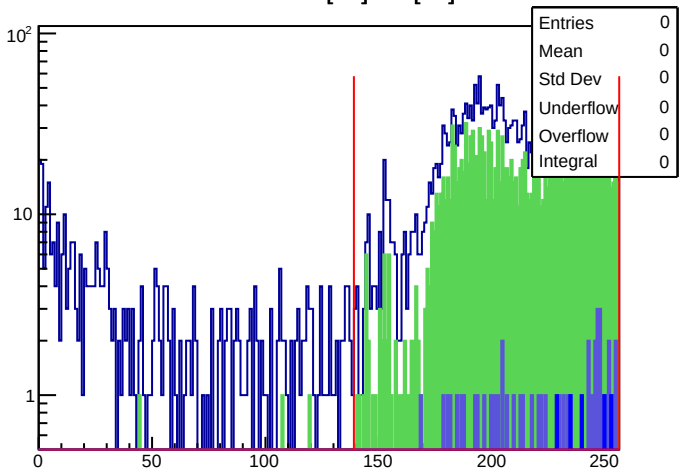

pKurama Sch[50]-Tof[21]
Entries 27215
Mean 0.8949
Std Dev 0.1018
Underflow 0
Overflow 0
Integral 2.722e+04

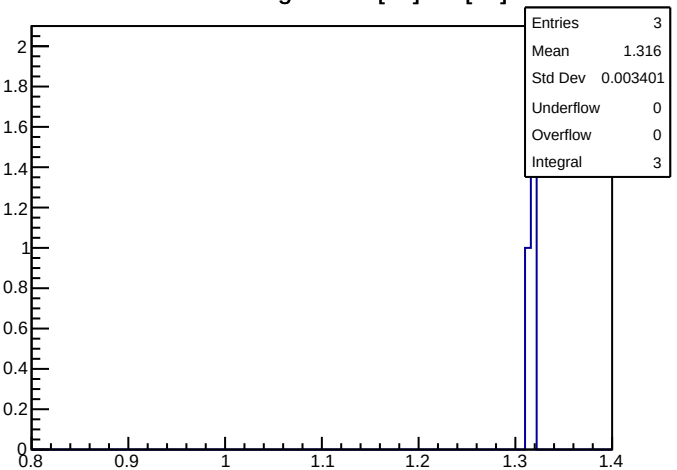

sftx all Sch[50]-Tof[22]
Entries 169
Mean 178.6
Std Dev 10.26
Underflow 0
Overflow 0
Integral 169

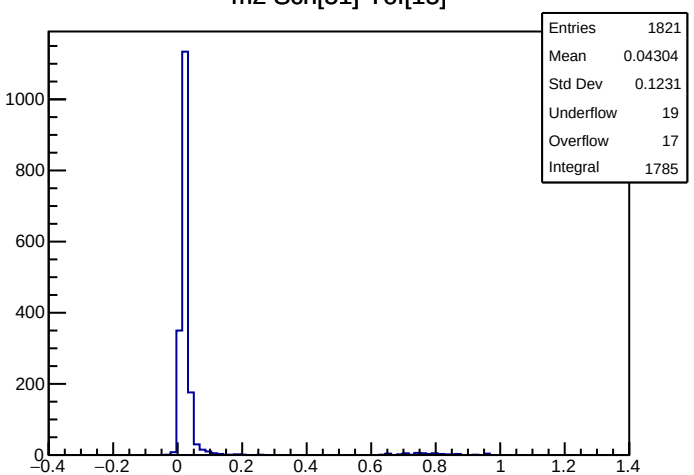

MissMass Sigma Sch[50]-Tof[22]
Entries 214
Mean 1.177
Std Dev 0.05288
Underflow 2
Overflow 0
Integral 212

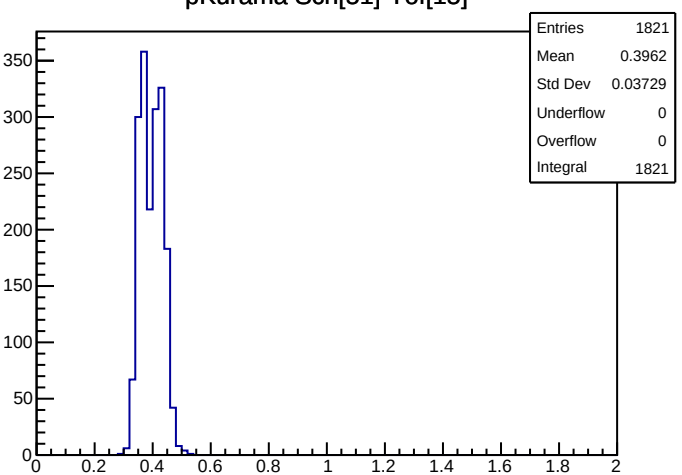

m2 Sch[50]-Tof[22]
Entries 25884
Mean 0.8241
Std Dev 0.1664
Underflow 217
Overflow 461
Integral 2.521e+04

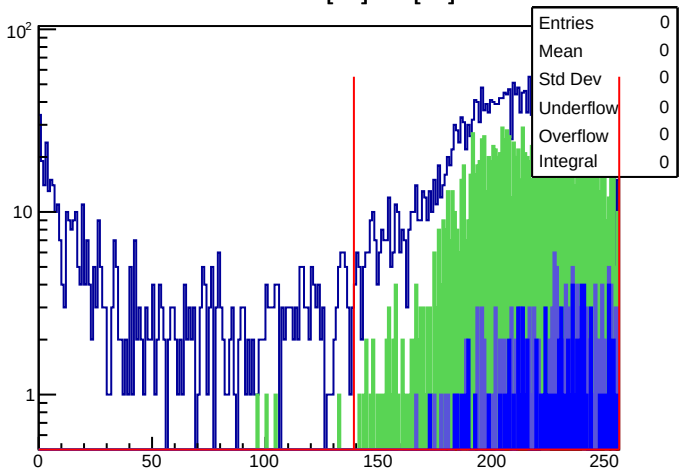

pKurama Sch[50]-Tof[22]
Entries 25884
Mean 0.9592
Std Dev 0.1354
Underflow 0
Overflow 0
Integral 2.588e+04

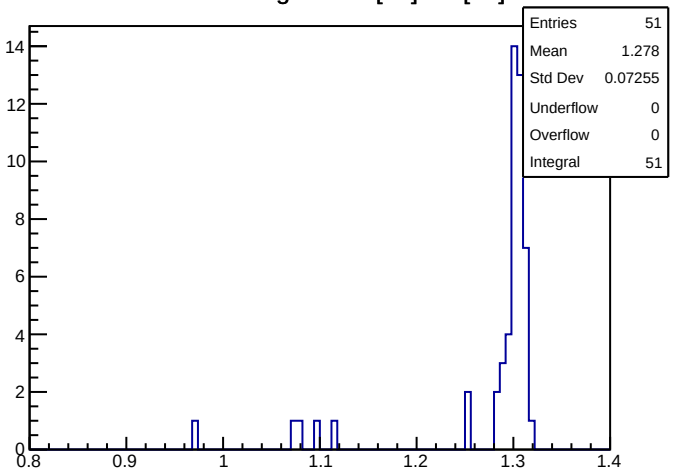

sftx all Sch[51]-Tof[15]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

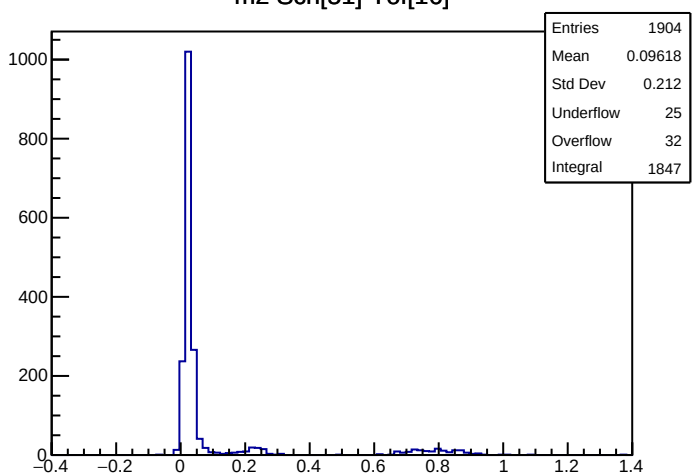

MissMass Sigma Sch[51]-Tof[15]
Entries 3
Mean 1.316
Std Dev 0.003401
Underflow 0
Overflow 0
Integral 3

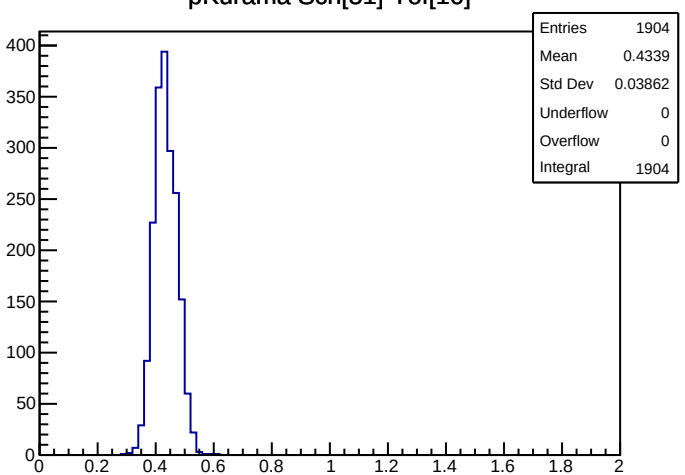

m2 Sch[51]-Tof[15]
Entries 1821
Mean 0.04304
Std Dev 0.1231
Underflow 19
Overflow 17
Integral 1785

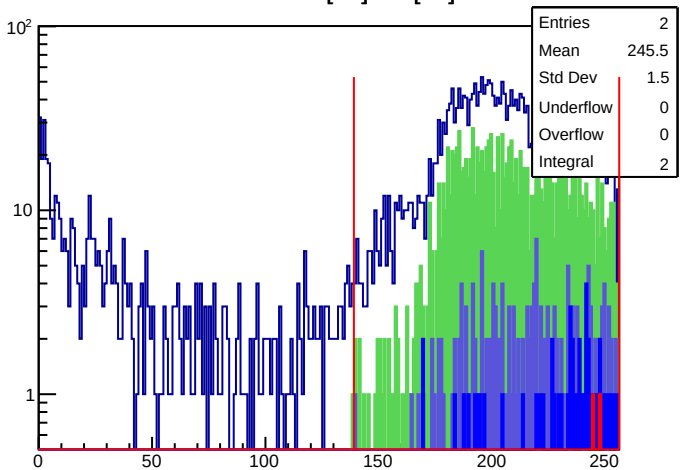

pKurama Sch[51]-Tof[15]
Entries 1821
Mean 0.3962
Std Dev 0.03729
Underflow 0
Overflow 0
Integral 1821

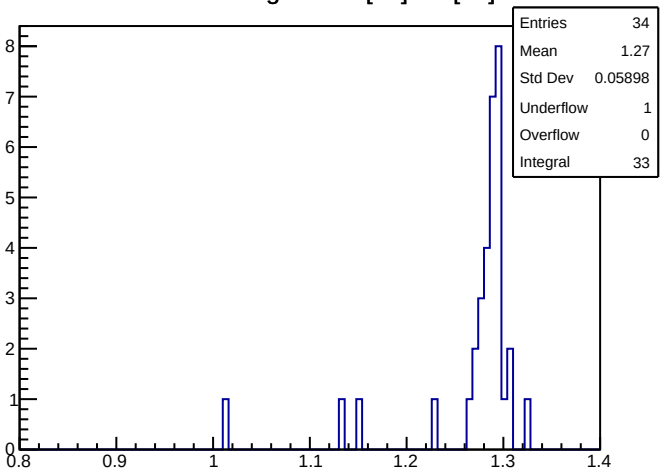

sftx all Sch[51]-Tof[16]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

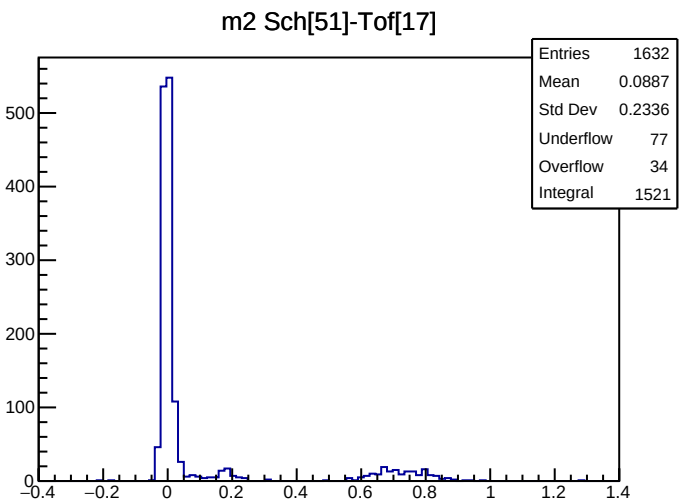

MissMass Sigma Sch[51]-Tof[16]
Entries 51
Mean 1.278
Std Dev 0.07255
Underflow 0
Overflow 0
Integral 51

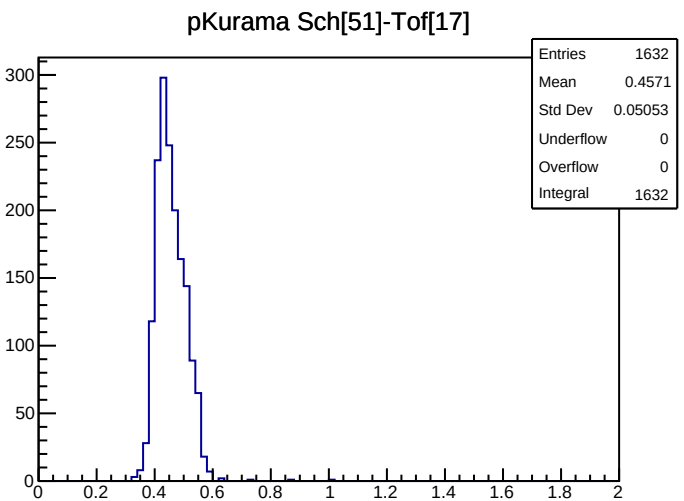

m2 Sch[51]-Tof[16]
Entries 1904
Mean 0.09618
Std Dev 0.212
Underflow 25
Overflow 32
Integral 1847

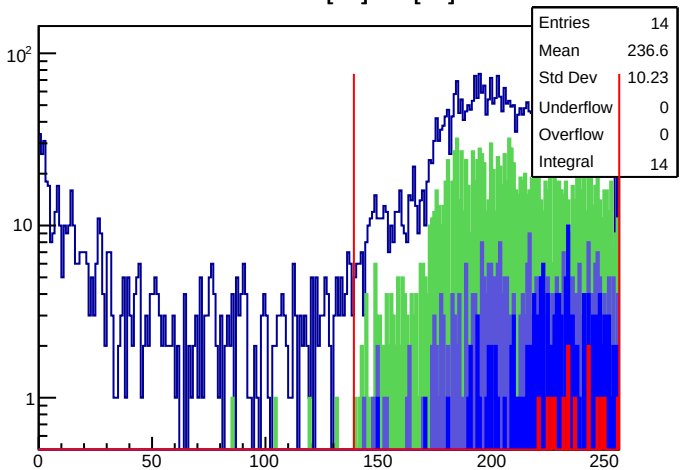

pKurama Sch[51]-Tof[16]
Entries 1904
Mean 0.4339
Std Dev 0.03862
Underflow 0
Overflow 0
Integral 1904

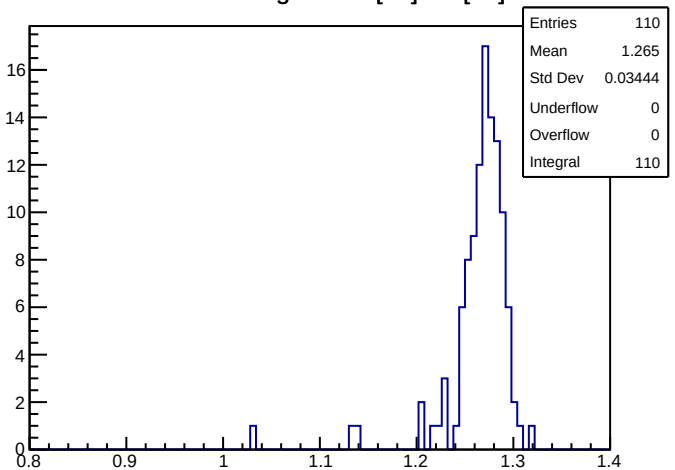

sftx all Sch[51]-Tof[17]
Entries 2
Mean 245.5
Std Dev 1.5
Underflow 0
Overflow 0
Integral 2

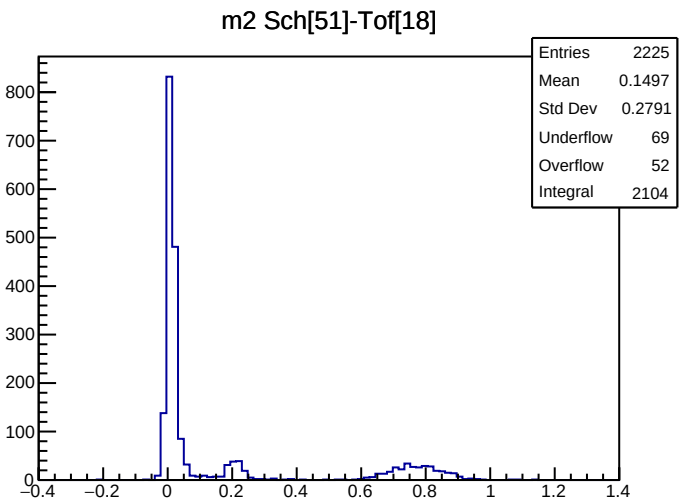

MissMass Sigma Sch[51]-Tof[17]
Entries 34
Mean 1.27
Std Dev 0.05898
Underflow 1
Overflow 0
Integral 33

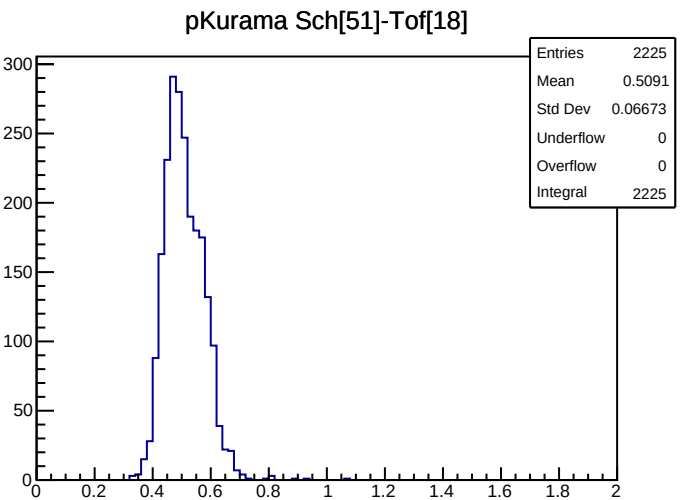

m2 Sch[51]-Tof[17]
Entries 1632
Mean 0.0887
Std Dev 0.2336
Underflow 77
Overflow 34
Integral 1521

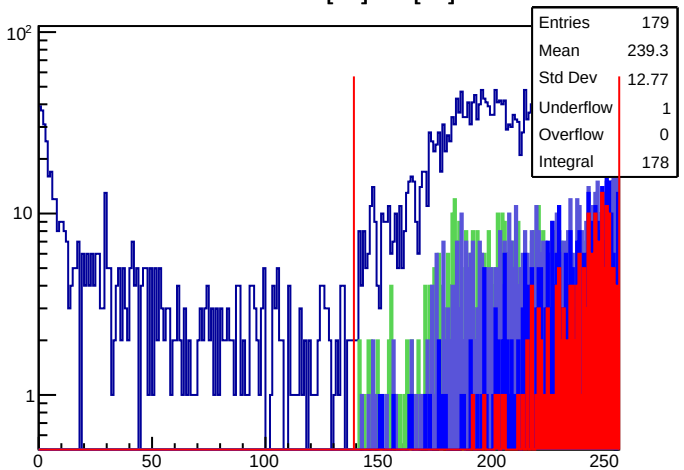

pKurama Sch[51]-Tof[17]
Entries 1632
Mean 0.4571
Std Dev 0.05053
Underflow 0
Overflow 0
Integral 1632

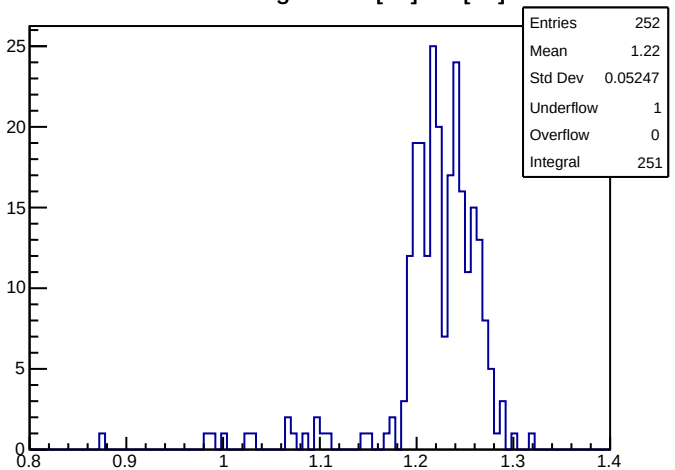

sftx all Sch[51]-Tof[18]
Entries 14
Mean 236.6
Std Dev 10.23
Underflow 0
Overflow 0
Integral 14

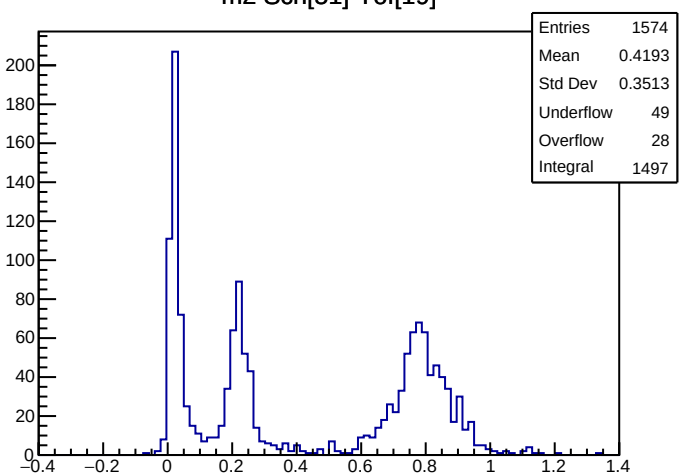

MissMass Sigma Sch[51]-Tof[18]
Entries 110
Mean 1.265
Std Dev 0.03444
Underflow 0
Overflow 0
Integral 110

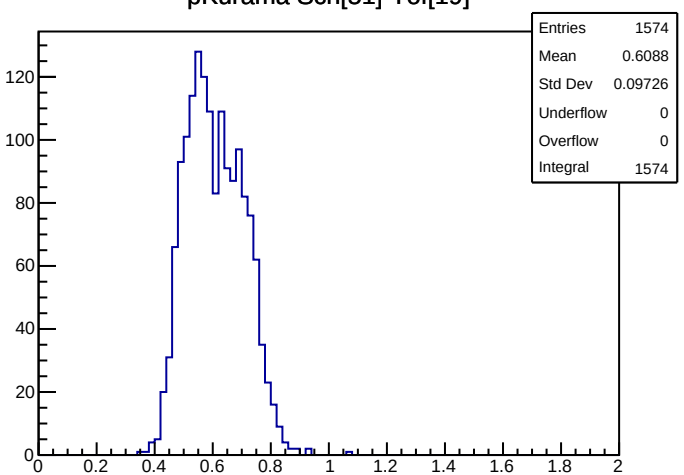

m2 Sch[51]-Tof[18]
Entries 2225
Mean 0.1497
Std Dev 0.2791
Underflow 69
Overflow 52
Integral 2104

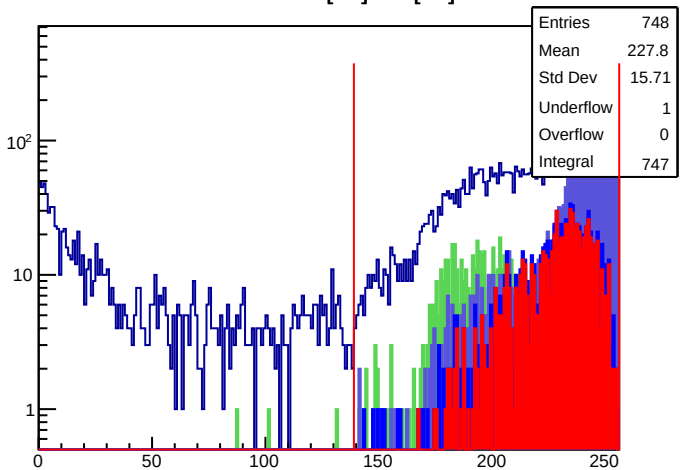

pKurama Sch[51]-Tof[18]
Entries 2225
Mean 0.5091
Std Dev 0.06673
Underflow 0
Overflow 0
Integral 2225

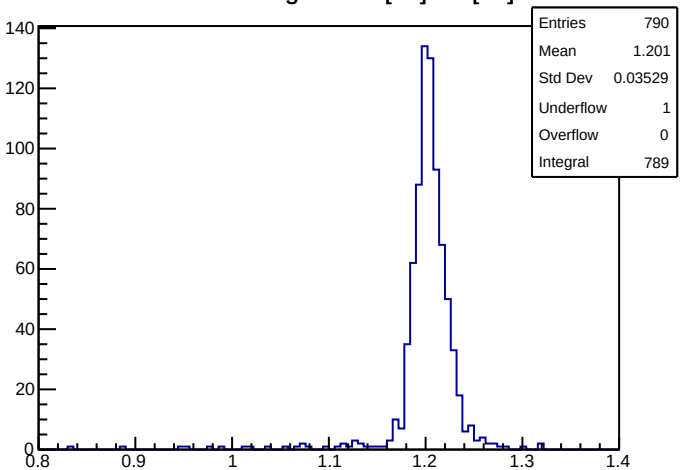

sftx all Sch[51]-Tof[19]
Entries 179
Mean 239.3
Std Dev 12.77
Underflow 1
Overflow 0
Integral 178

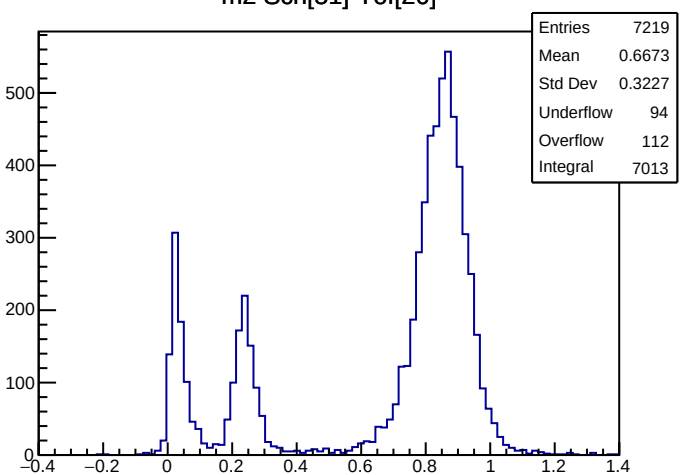

MissMass Sigma Sch[51]-Tof[19]
Entries 252
Mean 1.22
Std Dev 0.05247
Underflow 1
Overflow 0
Integral 251

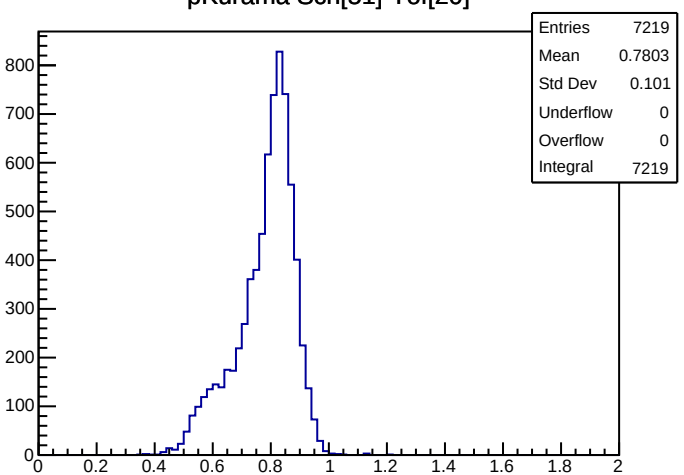

m2 Sch[51]-Tof[19]
Entries 1574
Mean 0.4193
Std Dev 0.3513
Underflow 49
Overflow 28
Integral 1497

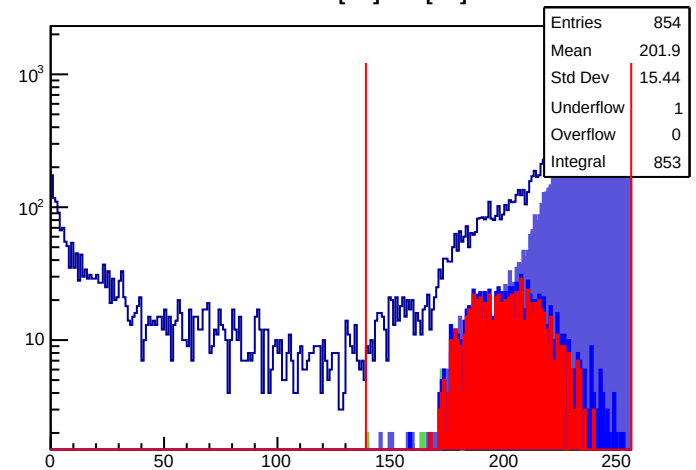

pKurama Sch[51]-Tof[19]
Entries 1574
Mean 0.6088
Std Dev 0.09726
Underflow 0
Overflow 0
Integral 1574

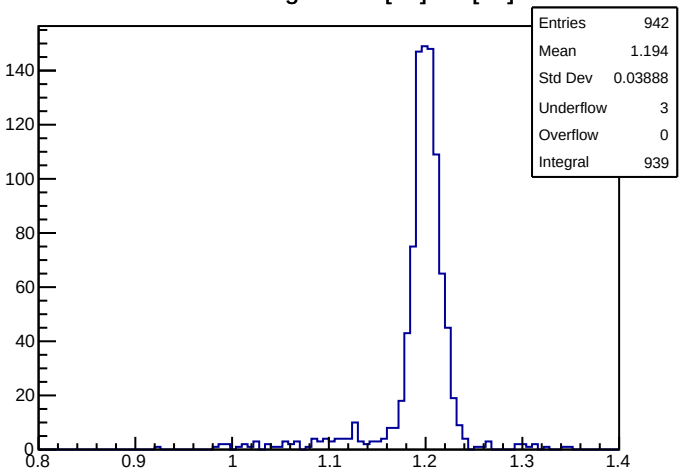

sftx all Sch[51]-Tof[20]
Entries 748
Mean 227.8
Std Dev 15.71
Underflow 1
Overflow 0
Integral 747

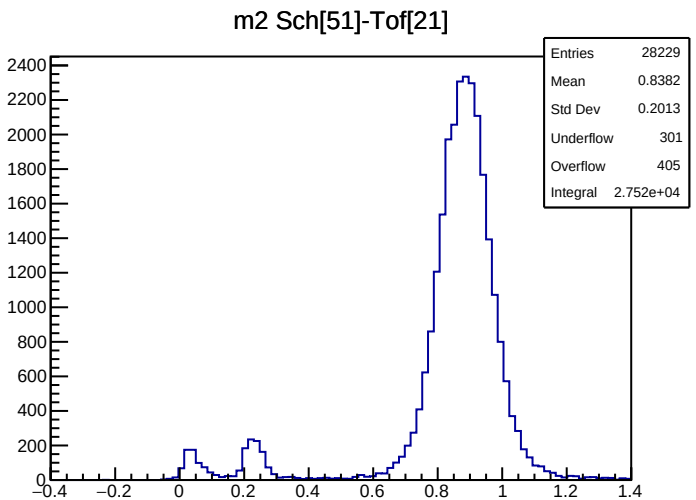

MissMass Sigma Sch[51]-Tof[20]
Entries 790
Mean 1.201
Std Dev 0.03529
Underflow 1
Overflow 0
Integral 789

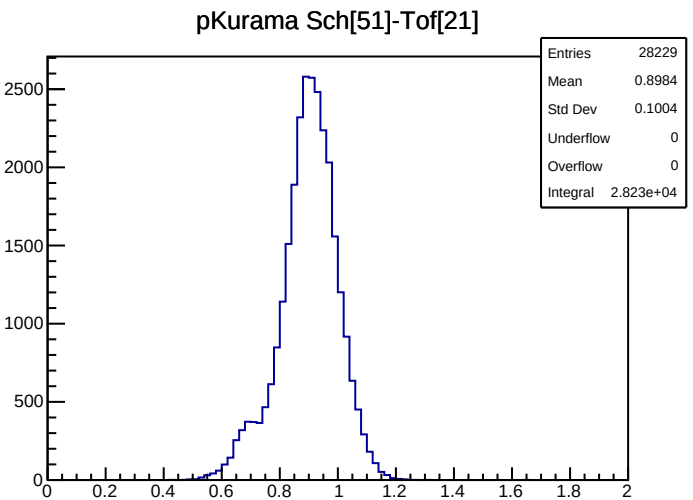

m2 Sch[51]-Tof[20]
Entries 7219
Mean 0.6673
Std Dev 0.3227
Underflow 94
Overflow 112
Integral 7013

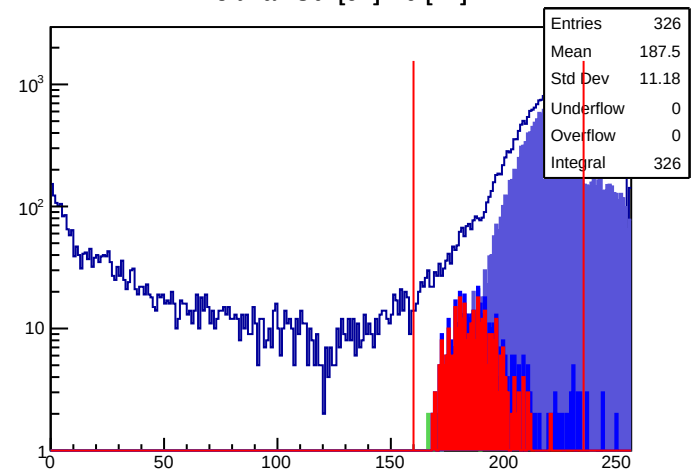

pKurama Sch[51]-Tof[20]
Entries 7219
Mean 0.7803
Std Dev 0.101
Underflow 0
Overflow 0
Integral 7219

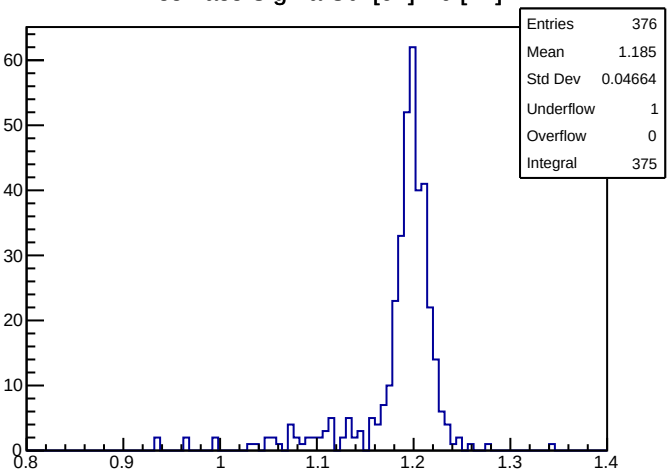

sftx all Sch[51]-Tof[21]
Entries 854
Mean 201.9
Std Dev 15.44
Underflow 1
Overflow 0
Integral 853

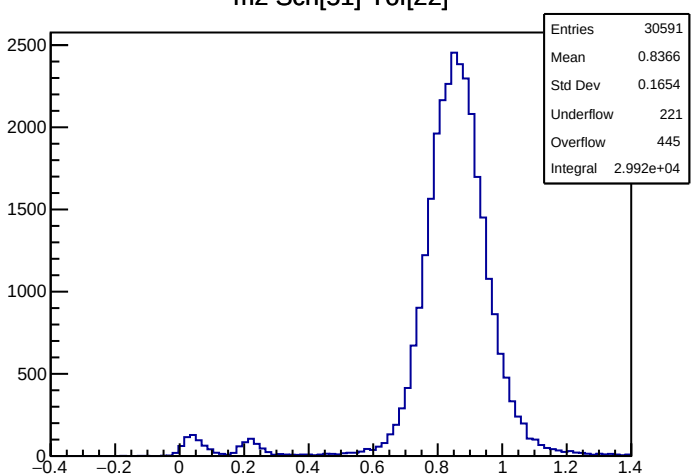

MissMass Sigma Sch[51]-Tof[21]
Entries 942
Mean 1.194
Std Dev 0.03888
Underflow 3
Overflow 0
Integral 939

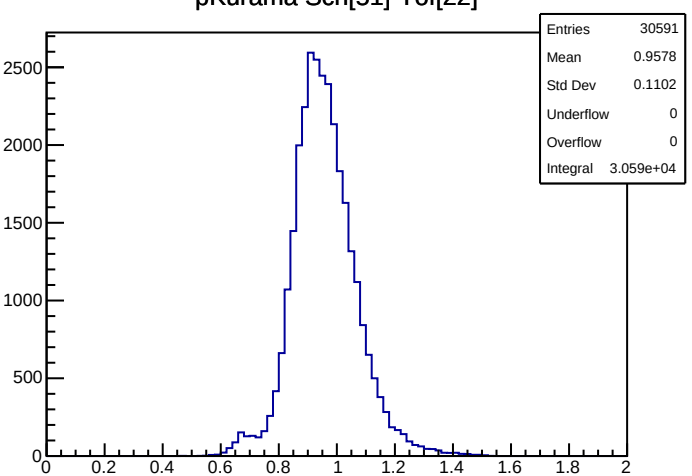

m2 Sch[51]-Tof[21]
Entries 28229
Mean 0.8382
Std Dev 0.2013
Underflow 301
Overflow 405
Integral 2.752e+04

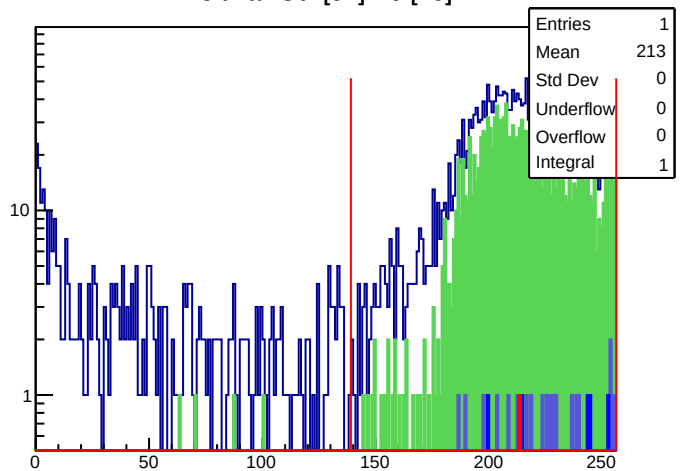

pKurama Sch[51]-Tof[21]
Entries 28229
Mean 0.8984
Std Dev 0.1004
Underflow 0
Overflow 0
Integral 2.823e+04

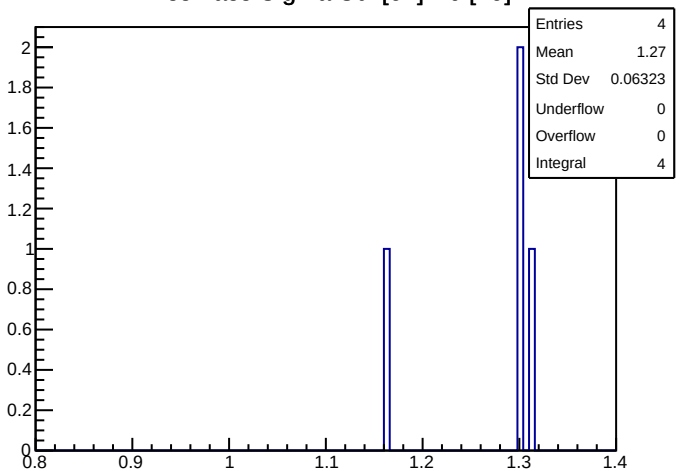

sftx all Sch[51]-Tof[22]
Entries 326
Mean 187.5
Std Dev 11.18
Underflow 0
Overflow 0
Integral 326

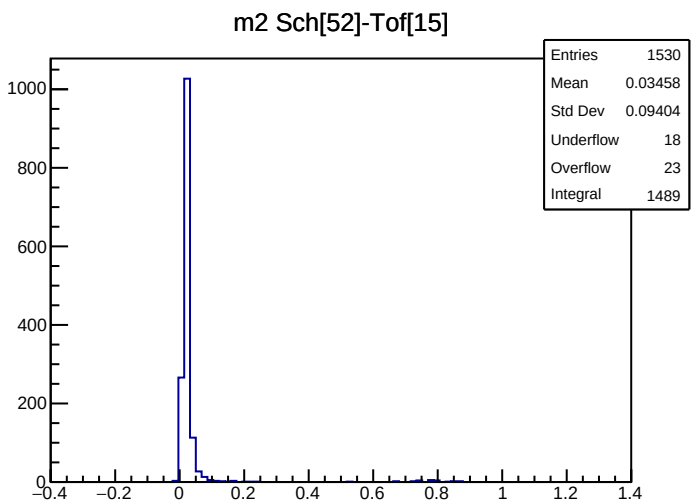

MissMass Sigma Sch[51]-Tof[22]
Entries 376
Mean 1.185
Std Dev 0.04664
Underflow 1
Overflow 0
Integral 375

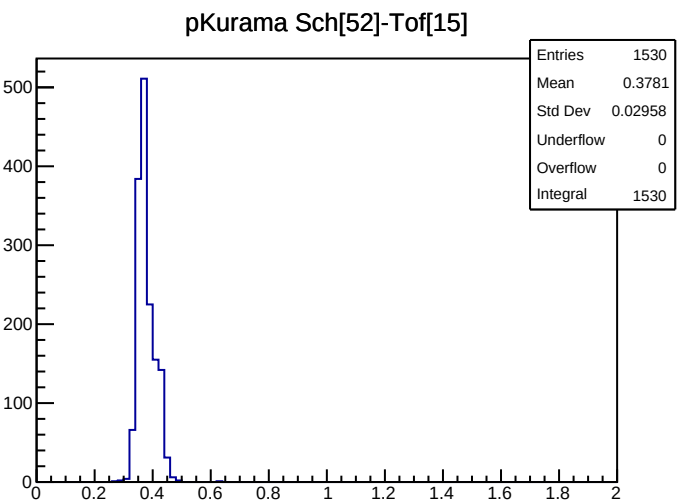

m2 Sch[51]-Tof[22]
Entries 30591
Mean 0.8366
Std Dev 0.1654
Underflow 221
Overflow 445
Integral 2.992e+04

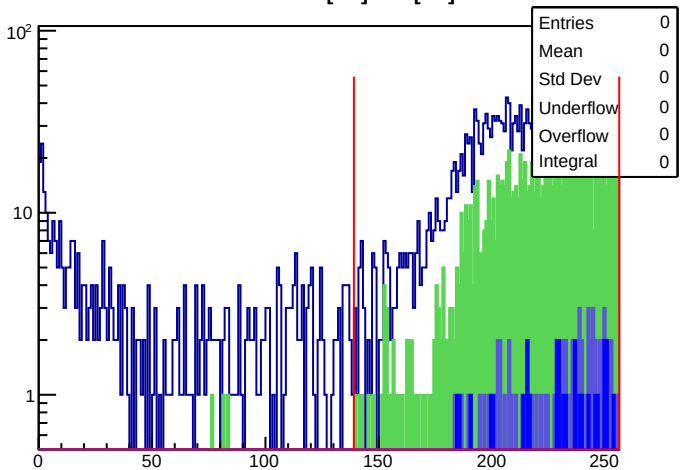

pKurama Sch[51]-Tof[22]
Entries 30591
Mean 0.9578
Std Dev 0.1102
Underflow 0
Overflow 0
Integral 3.059e+04

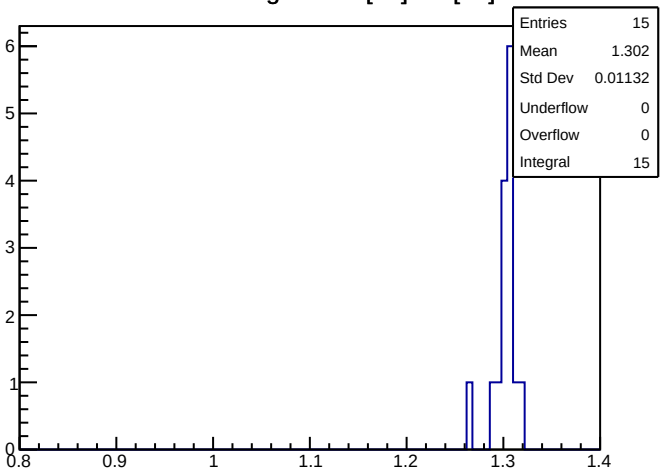

sftx all Sch[52]-Tof[15]
Entries 1
Mean 213
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

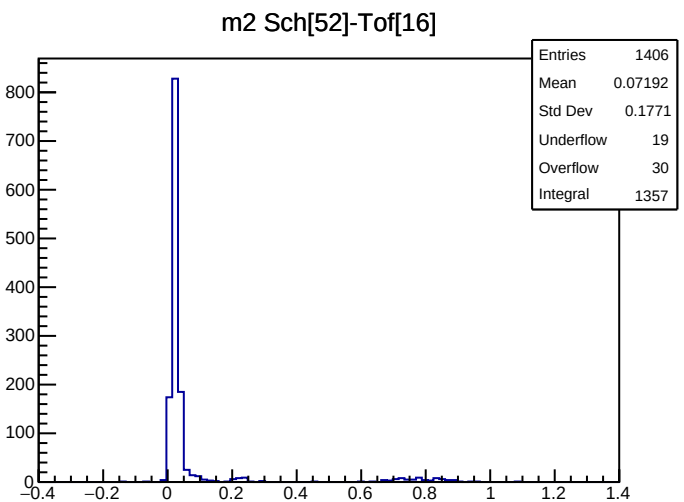

MissMass Sigma Sch[52]-Tof[15]
Entries 4
Mean 1.27
Std Dev 0.06323
Underflow 0
Overflow 0
Integral 4
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

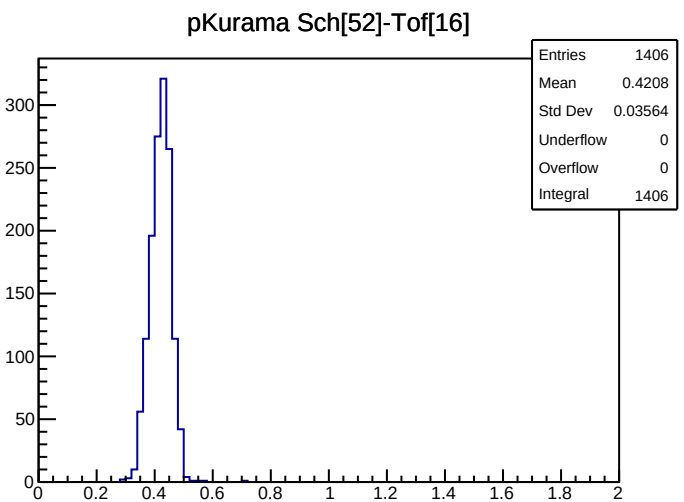

m2 Sch[52]-Tof[15]
Entries 1530
Mean 0.03458
Std Dev 0.09404
Underflow 18
Overflow 23
Integral 1489
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

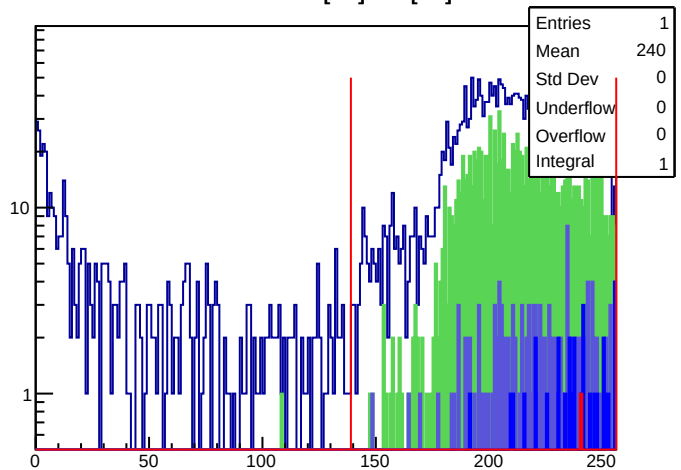

pKurama Sch[52]-Tof[15]
Entries 1530
Mean 0.3781
Std Dev 0.02958
Underflow 0
Overflow 0
Integral 1530
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

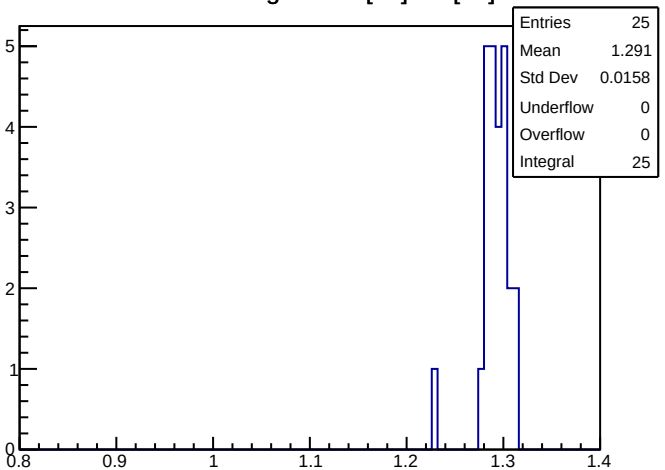

sftx all Sch[52]-Tof[16]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0

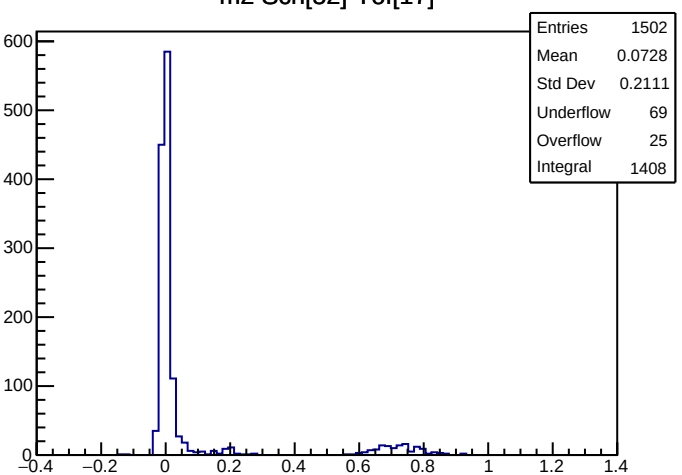

MissMass Sigma Sch[52]-Tof[16]
Entries 15
Mean 1.302
Std Dev 0.01132
Underflow 0
Overflow 0
Integral 15

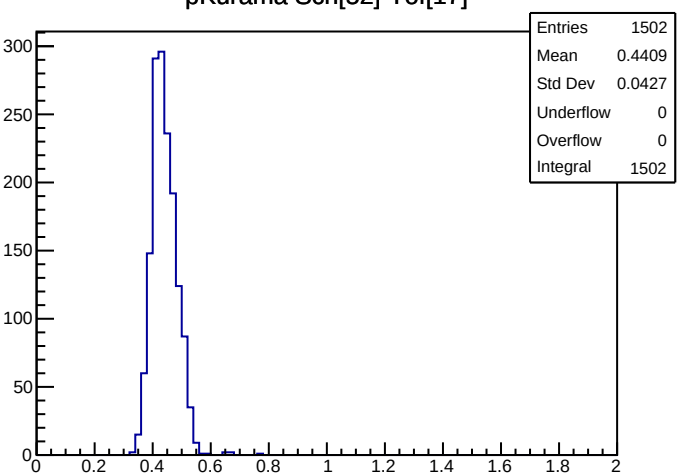

m2 Sch[52]-Tof[16]
Entries 1406
Mean 0.07192
Std Dev 0.1771
Underflow 19
Overflow 30
Integral 1357

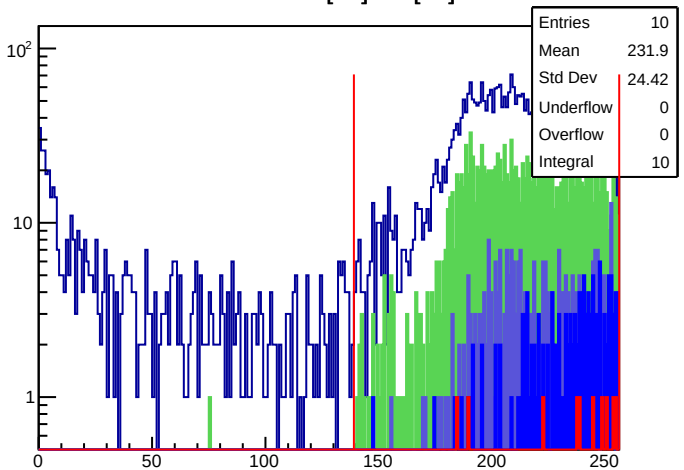

pKurama Sch[52]-Tof[16]
Entries 1406
Mean 0.4208
Std Dev 0.03564
Underflow 0
Overflow 0
Integral 1406

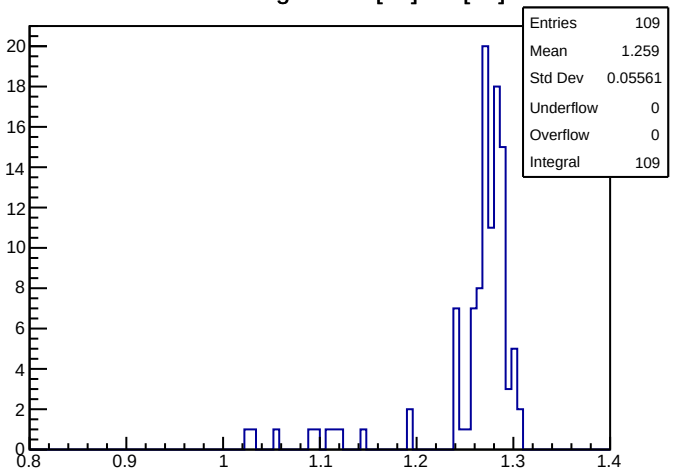

sftx all Sch[52]-Tof[17]
Entries 1
Mean 240
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

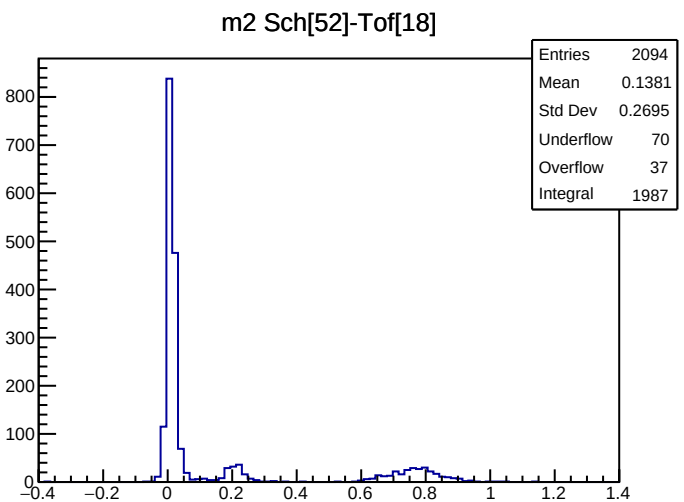

MissMass Sigma Sch[52]-Tof[17]
Entries 25
Mean 1.291
Std Dev 0.0158
Underflow 0
Overflow 0
Integral 25
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

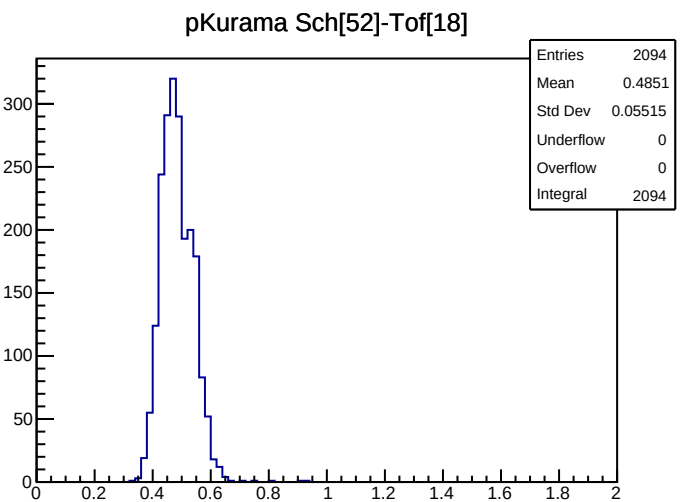

m2 Sch[52]-Tof[17]
Entries 1502
Mean 0.0728
Std Dev 0.2111
Underflow 69
Overflow 25
Integral 1408
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

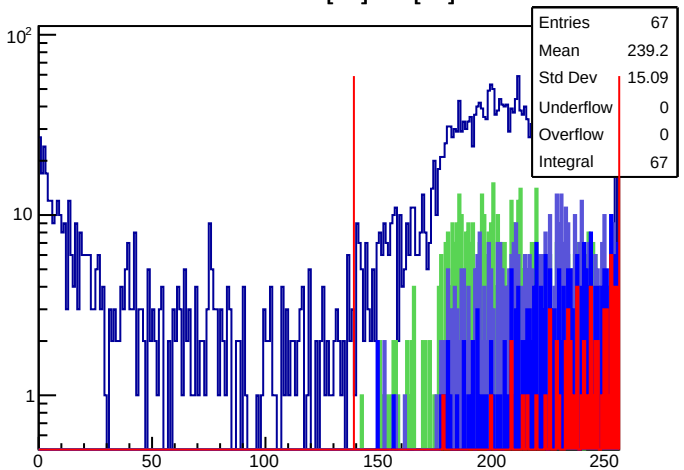

pKurama Sch[52]-Tof[17]
Entries 1502
Mean 0.4409
Std Dev 0.0427
Underflow 0
Overflow 0
Integral 1502
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

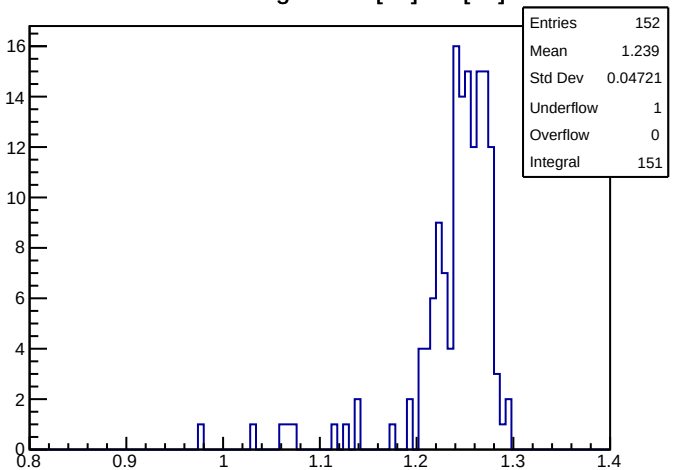

sftx all Sch[52]-Tof[18]
Entries 10
Mean 231.9
Std Dev 24.42
Underflow 0
Overflow 0
Integral 10

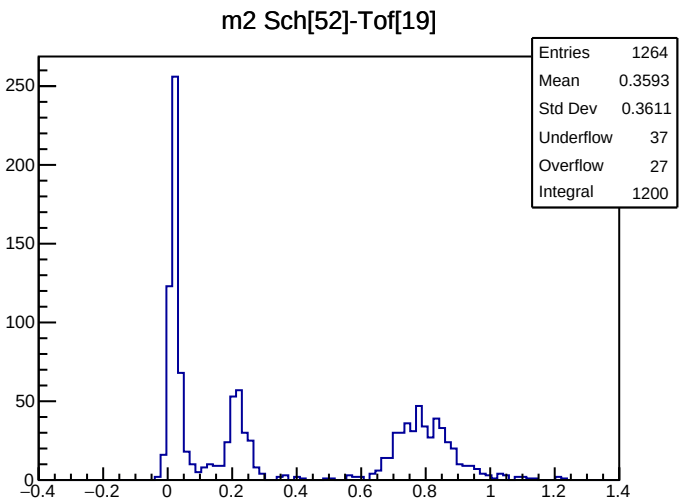

MissMass Sigma Sch[52]-Tof[18]
Entries 109
Mean 1.259
Std Dev 0.05561
Underflow 0
Overflow 0
Integral 109

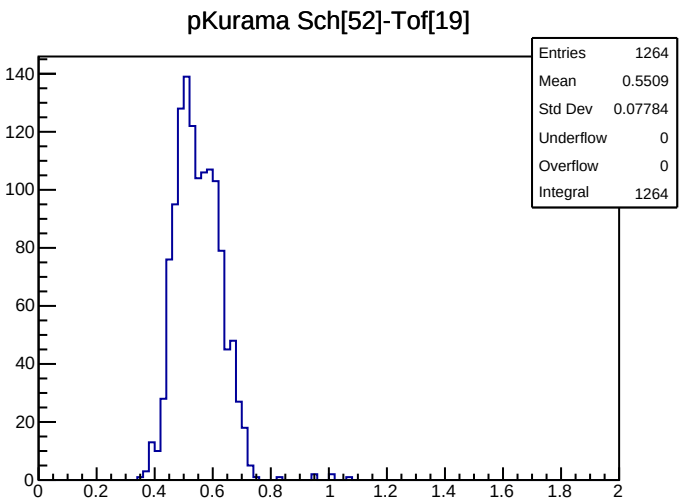

m2 Sch[52]-Tof[18]
Entries 2094
Mean 0.1381
Std Dev 0.2695
Underflow 70
Overflow 37
Integral 1987

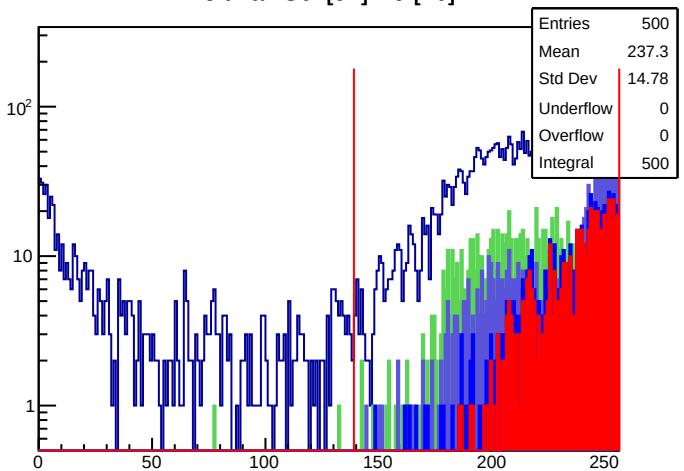

pKurama Sch[52]-Tof[18]
Entries 2094
Mean 0.4851
Std Dev 0.05515
Underflow 0
Overflow 0
Integral 2094

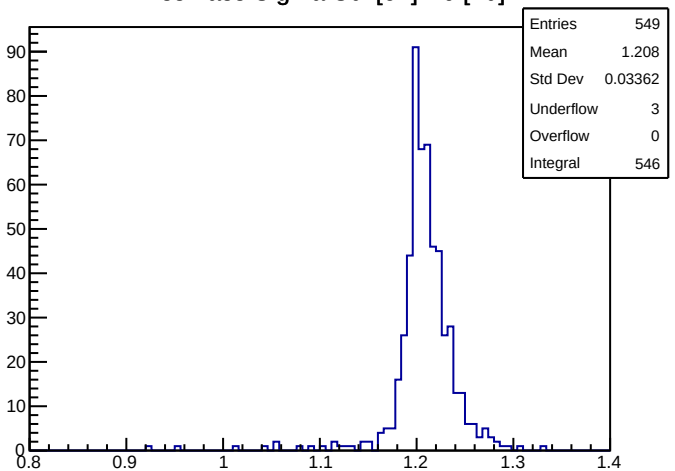

sftx all Sch[52]-Tof[19]
Entries 67
Mean 239.2
Std Dev 15.09
Underflow 0
Overflow 0
Integral 67

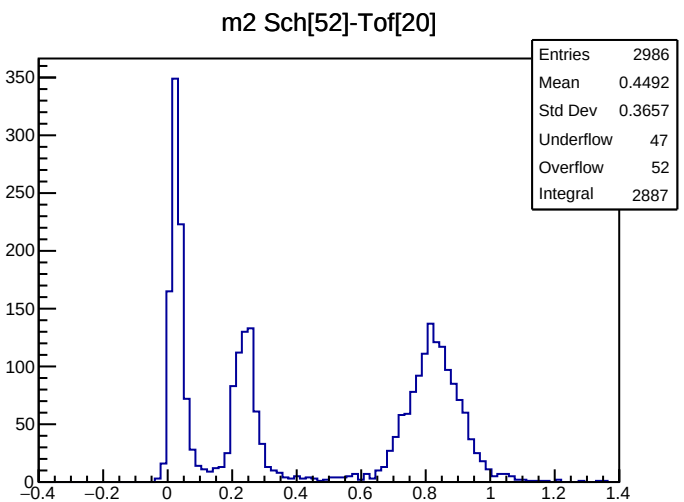

MissMass Sigma Sch[52]-Tof[19]
Entries 152
Mean 1.239
Std Dev 0.04721
Underflow 1
Overflow 0
Integral 151

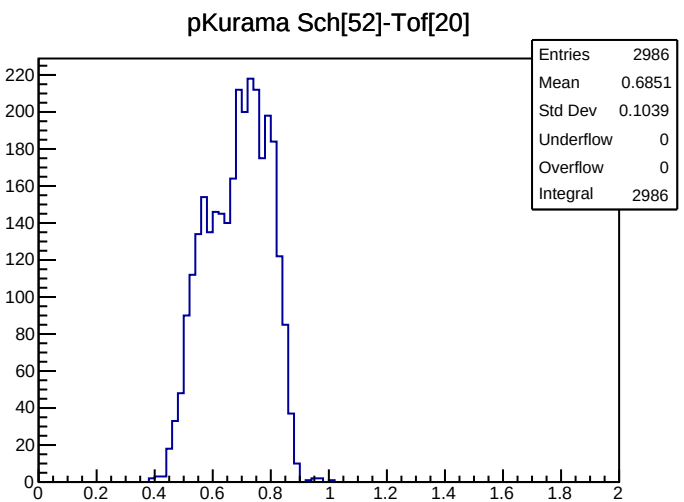

m2 Sch[52]-Tof[19]
Entries 1264
Mean 0.3593
Std Dev 0.3611
Underflow 37
Overflow 27
Integral 1200

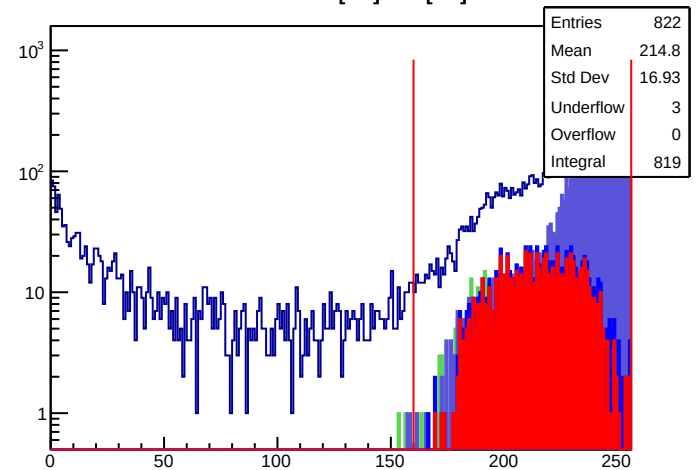

pKurama Sch[52]-Tof[19]
Entries 1264
Mean 0.5509
Std Dev 0.07784
Underflow 0
Overflow 0
Integral 1264

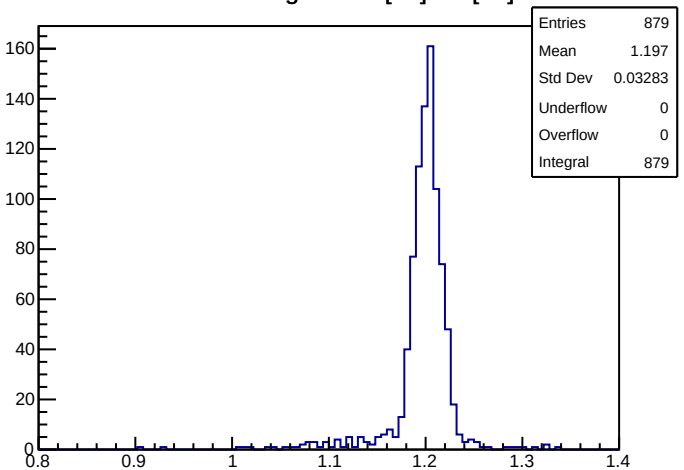

sftx all Sch[52]-Tof[20]
Entries 500
Mean 237.3
Std Dev 14.78
Underflow 0
Overflow 0
Integral 500

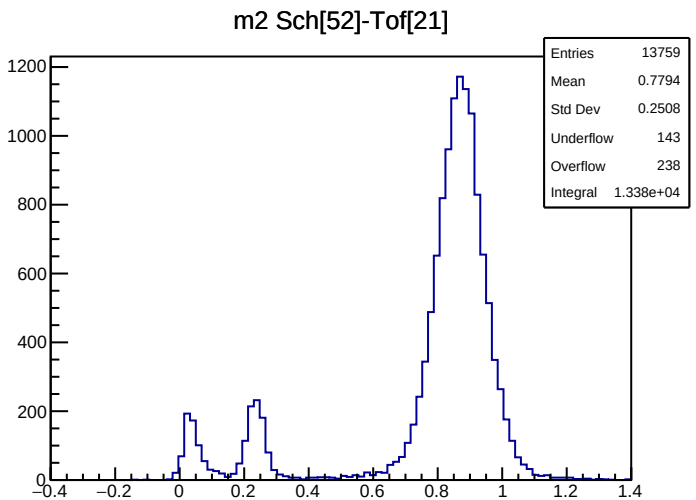

MissMass Sigma Sch[52]-Tof[20]
Entries 549
Mean 1.208
Std Dev 0.03362
Underflow 3
Overflow 0
Integral 546

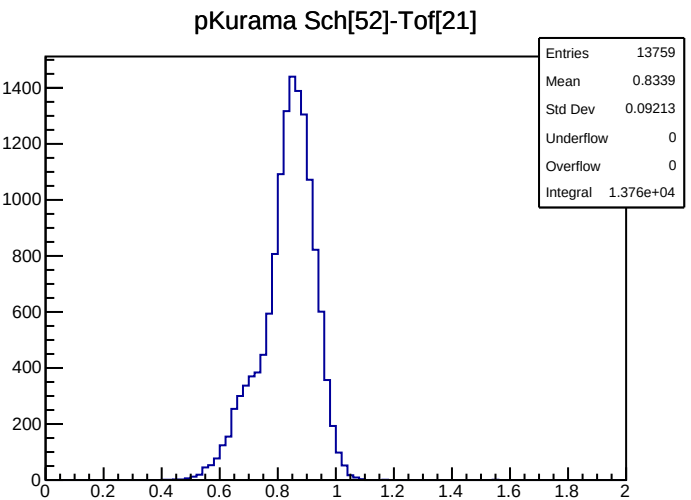

m2 Sch[52]-Tof[20]
Entries 2986
Mean 0.4492
Std Dev 0.3657
Underflow 47
Overflow 52
Integral 2887

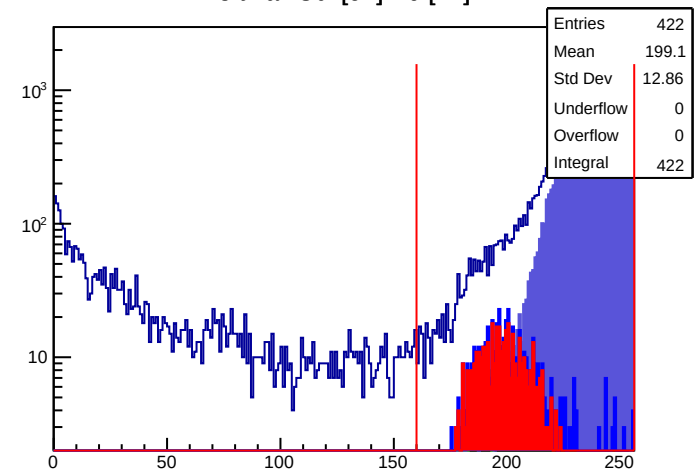

pKurama Sch[52]-Tof[20]
Entries 2986
Mean 0.6851
Std Dev 0.1039
Underflow 0
Overflow 0
Integral 2986

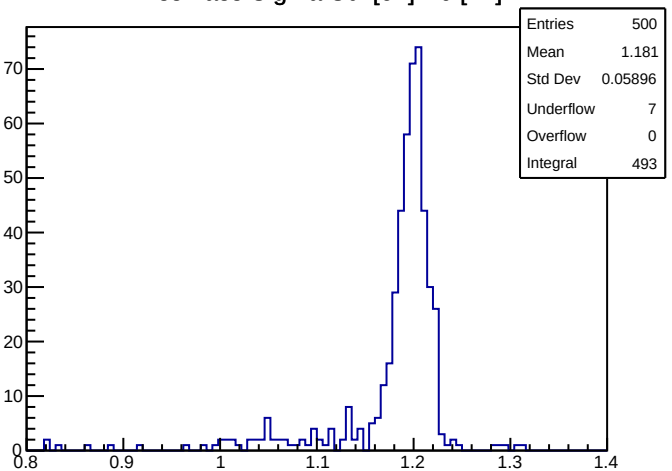

sftx all Sch[52]-Tof[21]
Entries 822
Mean 214.8
Std Dev 16.93
Underflow 3
Overflow 0
Integral 819

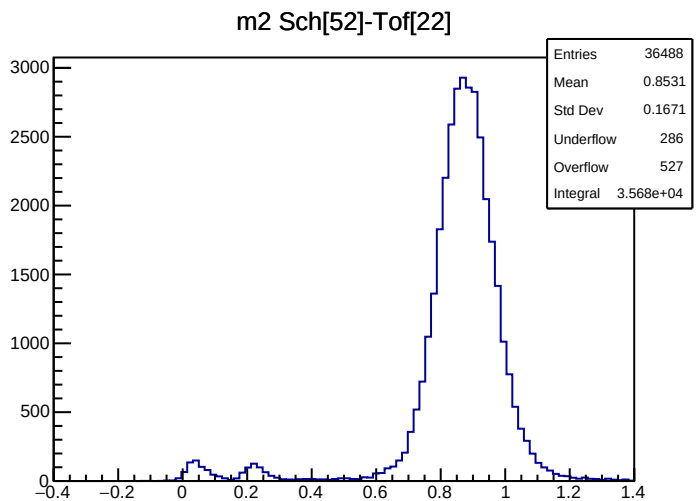

MissMass Sigma Sch[52]-Tof[21]
Entries 879
Mean 1.197
Std Dev 0.03283
Underflow 0
Overflow 0
Integral 879

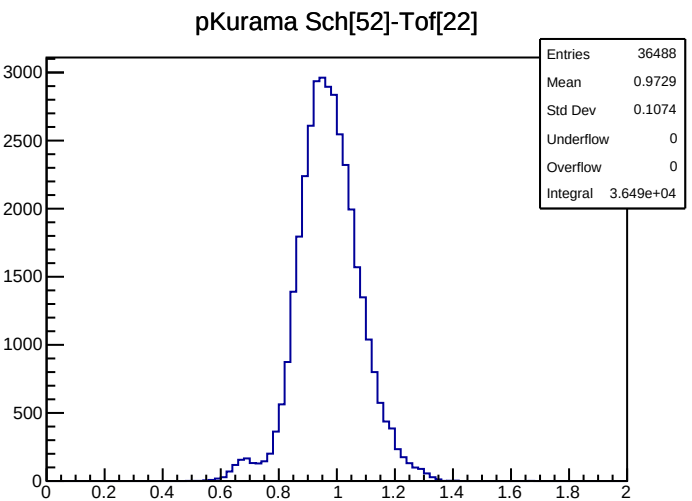

m2 Sch[52]-Tof[21]
Entries 13759
Mean 0.7794
Std Dev 0.2508
Underflow 143
Overflow 238
Integral 1.338e+04

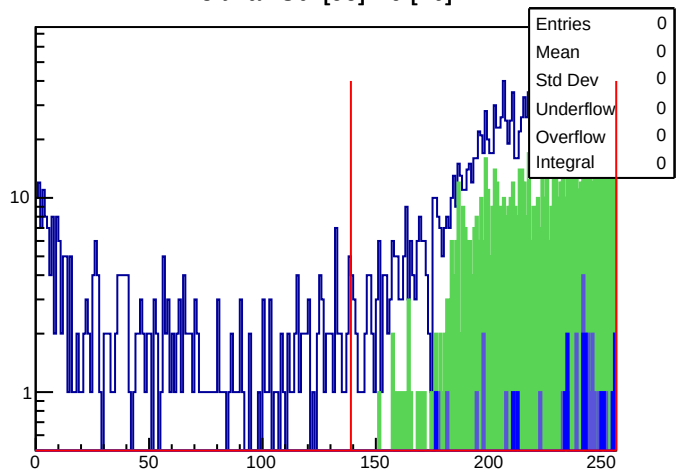

pKurama Sch[52]-Tof[21]
Entries 13759
Mean 0.8339
Std Dev 0.09213
Underflow 0
Overflow 0
Integral 1.376e+04

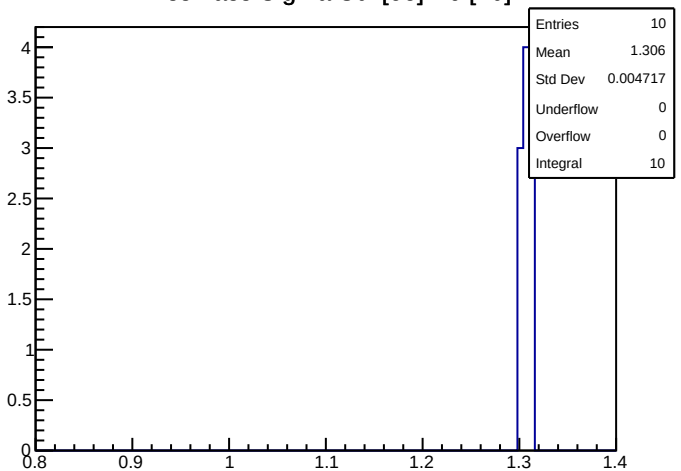

sftx all Sch[52]-Tof[22]
Entries 422
Mean 199.1
Std Dev 12.86
Underflow 0
Overflow 0
Integral 422

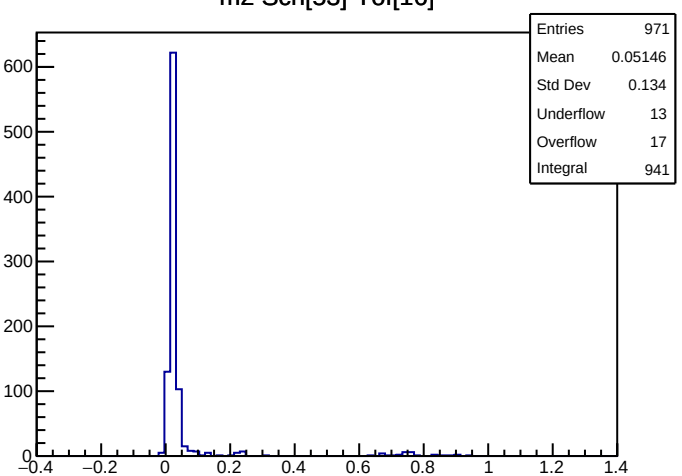

MissMass Sigma Sch[52]-Tof[22]
Entries 500
Mean 1.181
Std Dev 0.05896
Underflow 7
Overflow 0
Integral 493

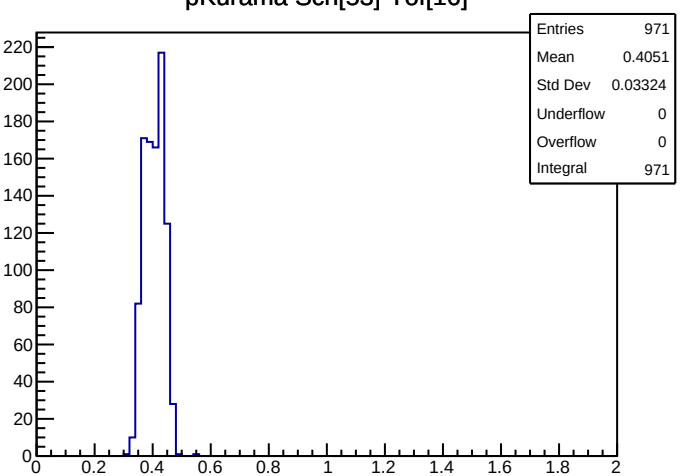

m2 Sch[52]-Tof[22]
Entries 36488
Mean 0.8531
Std Dev 0.1671
Underflow 286
Overflow 527
Integral 3.568e+04

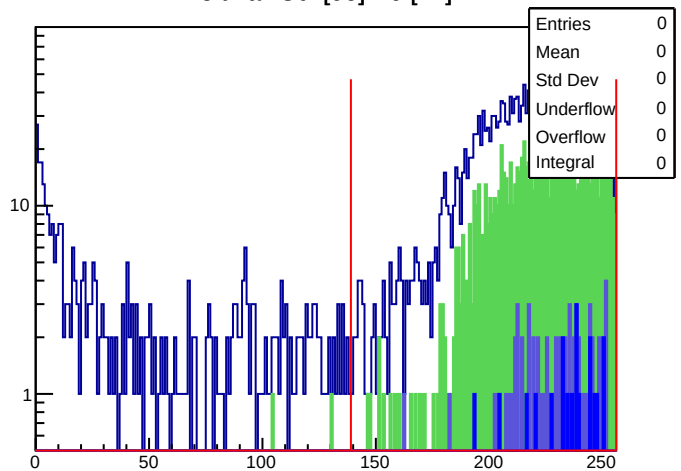

pKurama Sch[52]-Tof[22]
Entries 36488
Mean 0.9729
Std Dev 0.1074
Underflow 0
Overflow 0
Integral 3.649e+04

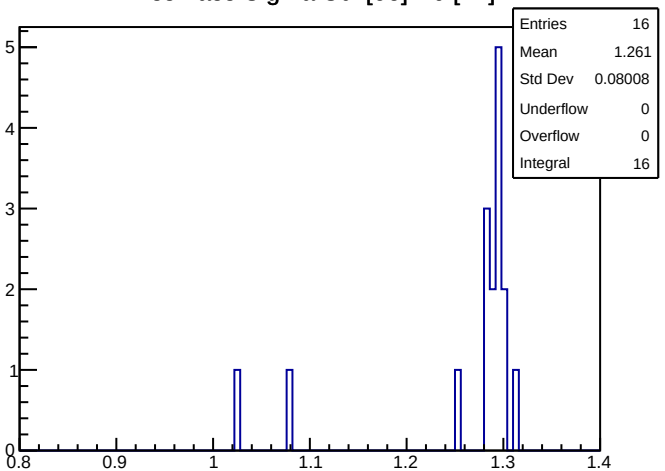

sftx all Sch[53]-Tof[16]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

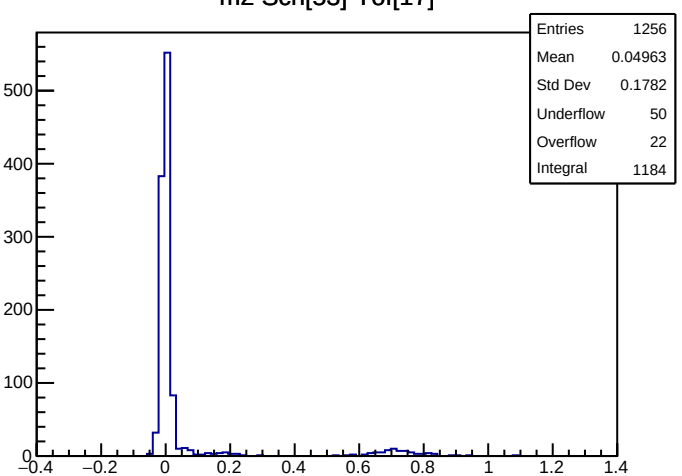

MissMass Sigma Sch[53]-Tof[16]
Entries 10
Mean 1.306
Std Dev 0.004717
Underflow 0
Overflow 0
Integral 10
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

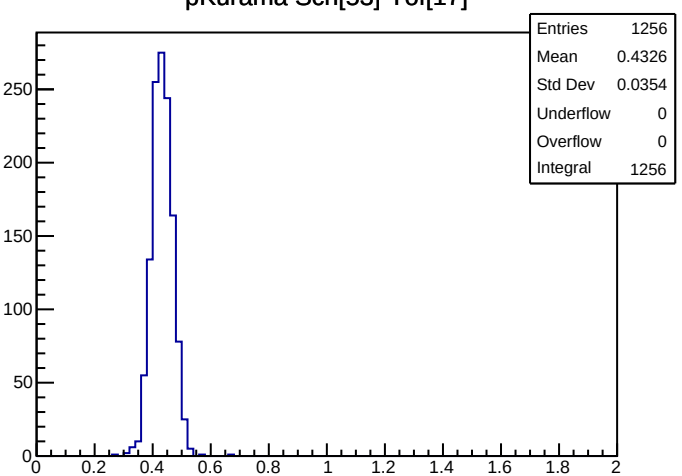

m2 Sch[53]-Tof[16]
Entries 971
Mean 0.05146
Std Dev 0.134
Underflow 13
Overflow 17
Integral 941
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

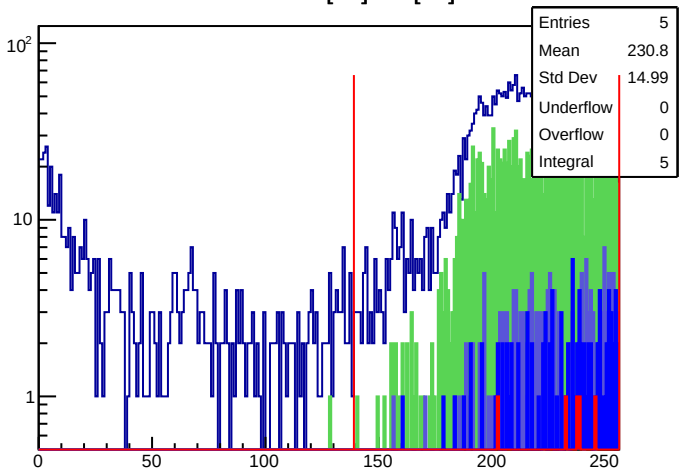

pKurama Sch[53]-Tof[16]
Entries 971
Mean 0.4051
Std Dev 0.03324
Underflow 0
Overflow 0
Integral 971
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

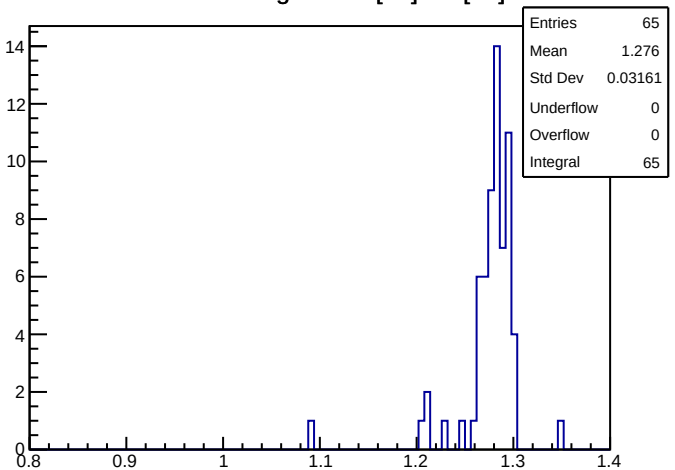

sftx all Sch[53]-Tof[17]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

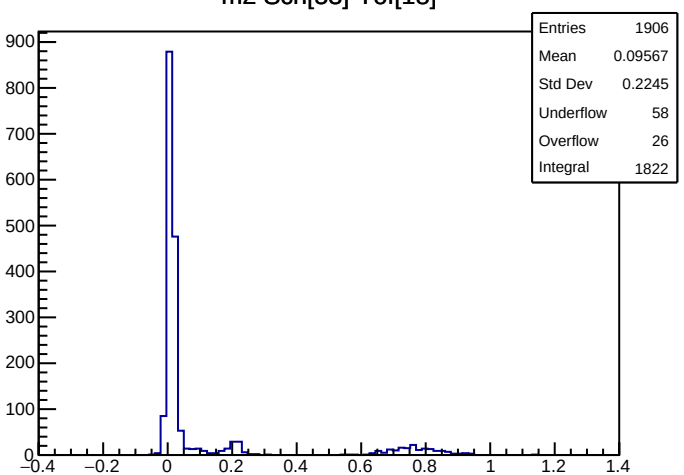

MissMass Sigma Sch[53]-Tof[17]
Entries 16
Mean 1.261
Std Dev 0.08008
Underflow 0
Overflow 0
Integral 16
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

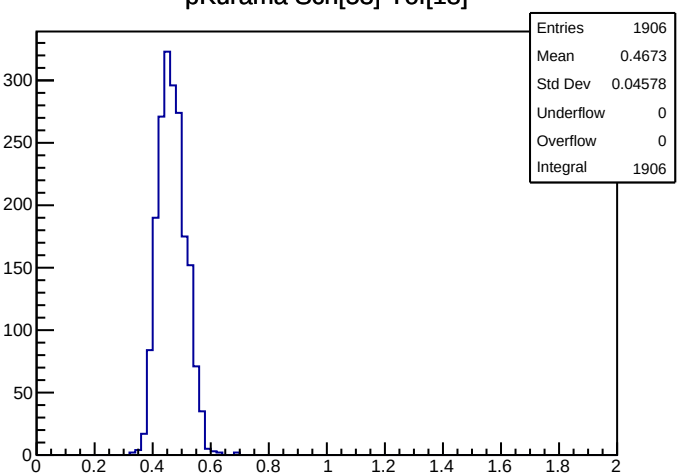

m2 Sch[53]-Tof[17]
Entries 1256
Mean 0.04963
Std Dev 0.1782
Underflow 50
Overflow 22
Integral 1184
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

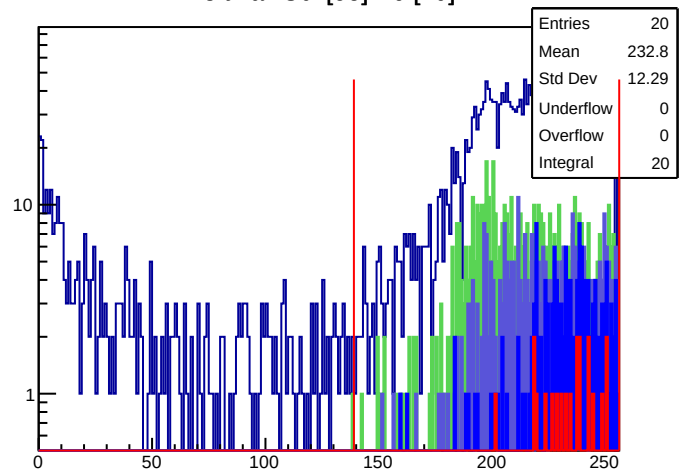

pKurama Sch[53]-Tof[17]
Entries 1256
Mean 0.4326
Std Dev 0.0354
Underflow 0
Overflow 0
Integral 1256
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

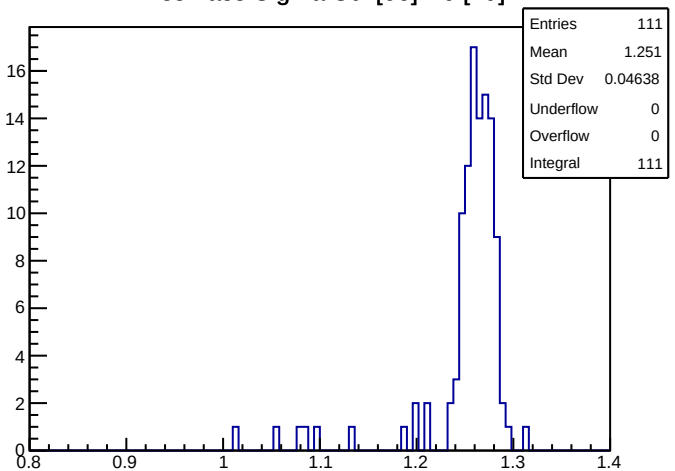

sftx all Sch[53]-Tof[18]
Entries 5
Mean 230.8
Std Dev 14.99
Underflow 0
Overflow 0
Integral 5

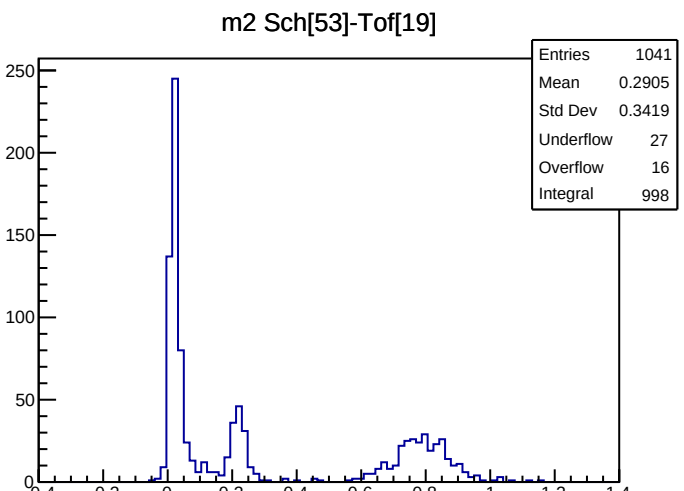

MissMass Sigma Sch[53]-Tof[18]
Entries 65
Mean 1.276
Std Dev 0.03161
Underflow 0
Overflow 0
Integral 65

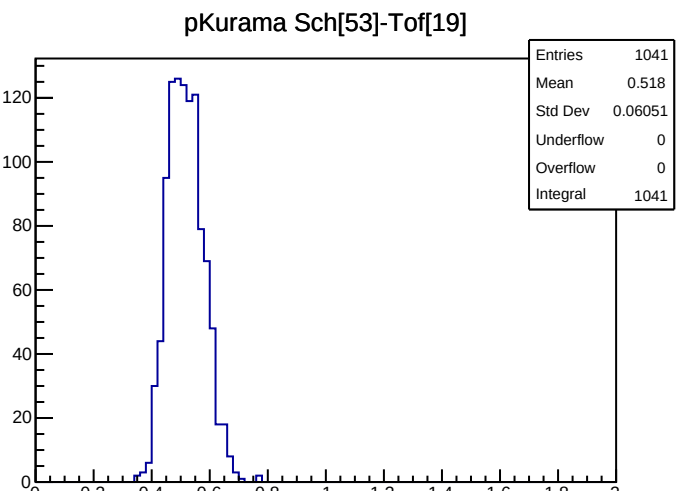

m2 Sch[53]-Tof[18]
Entries 1906
Mean 0.09567
Std Dev 0.2245
Underflow 58
Overflow 26
Integral 1822

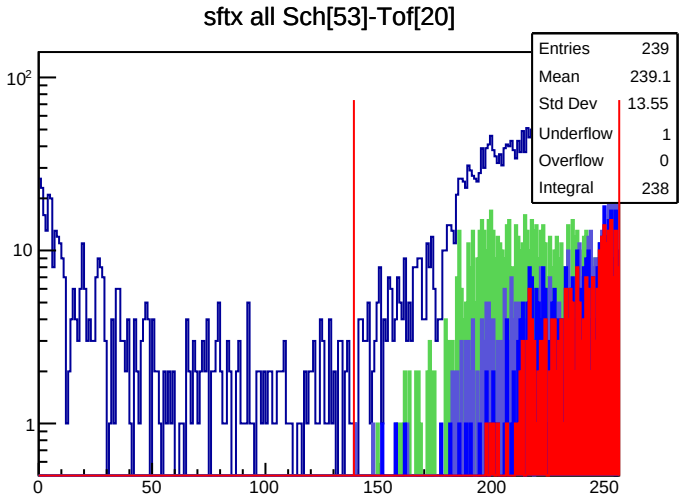

pKurama Sch[53]-Tof[18]
Entries 1906
Mean 0.4673
Std Dev 0.04578
Underflow 0
Overflow 0
Integral 1906

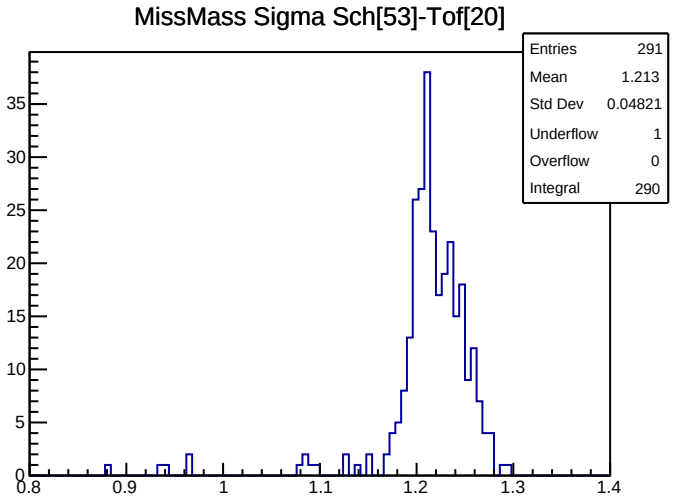

sftx all Sch[53]-Tof[19]
Entries 20
Mean 232.8
Std Dev 12.29
Underflow 0
Overflow 0
Integral 20
10
1
0
50
100
150
200
250

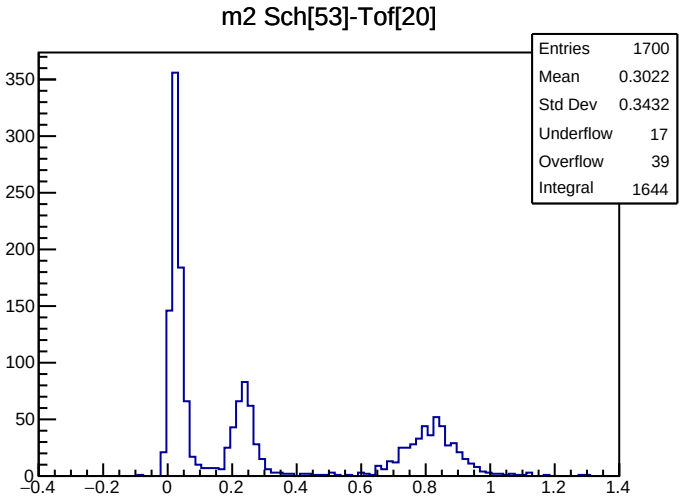

MissMass Sigma Sch[53]-Tof[19]
Entries 111
Mean 1.251
Std Dev 0.04638
Underflow 0
Overflow 0
Integral 111
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

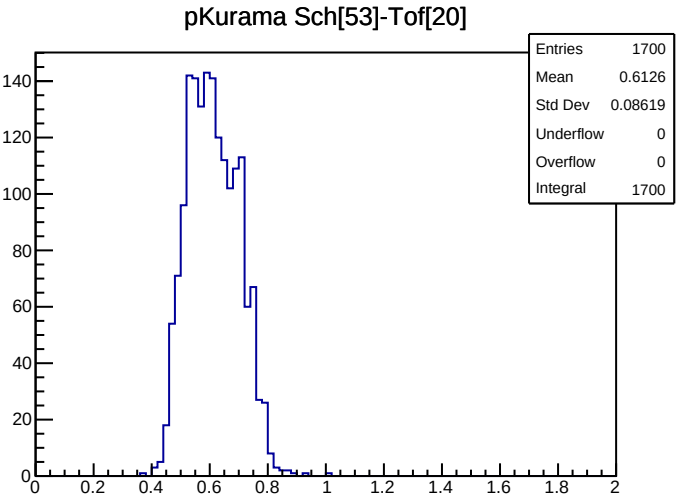

m2 Sch[53]-Tof[19]
Entries 1041
Mean 0.2905
Std Dev 0.3419
Underflow 27
Overflow 16
Integral 998
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

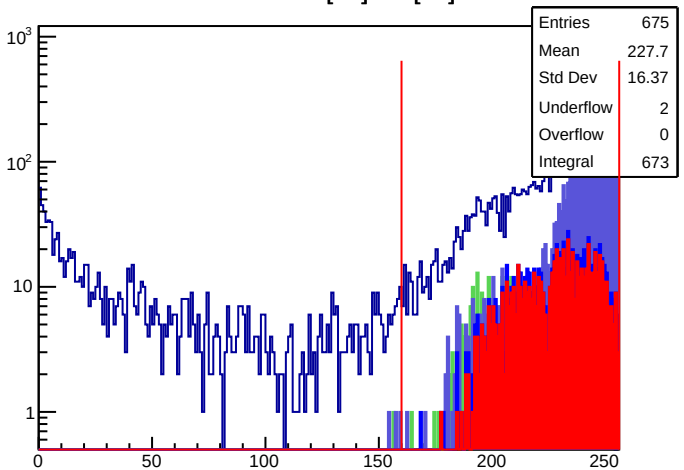

pKurama Sch[53]-Tof[19]
Entries 1041
Mean 0.518
Std Dev 0.06051
Underflow 0
Overflow 0
Integral 1041
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

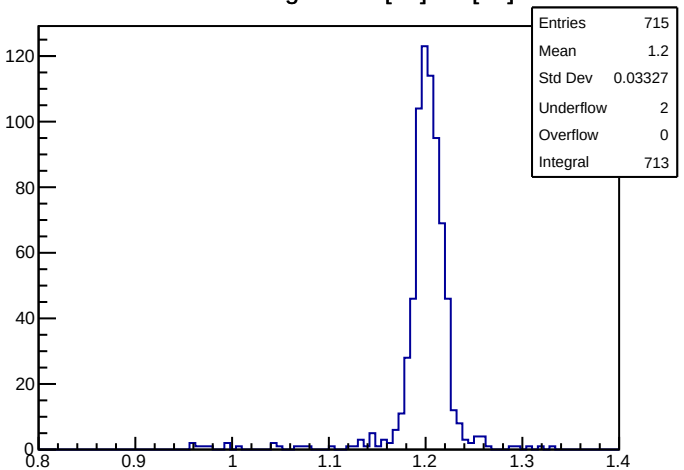

sftx all Sch[53]-Tof[20]
Entries 239
Mean 239.1
Std Dev 13.55
Underflow 1
Overflow 0
Integral 238

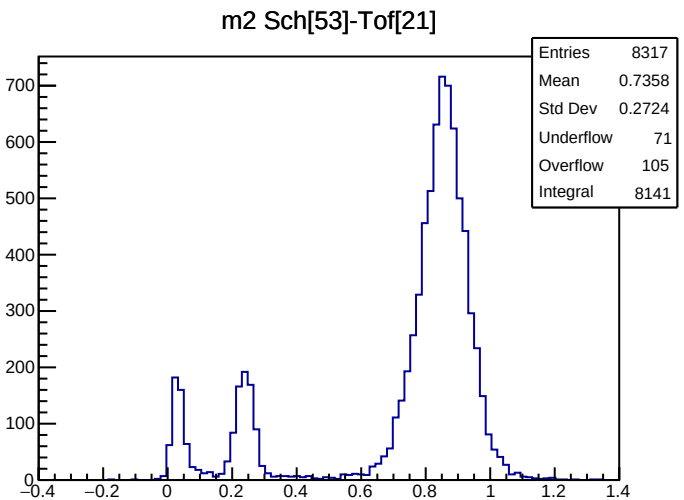

MissMass Sigma Sch[53]-Tof[20]
Entries 291
Mean 1.213
Std Dev 0.04821
Underflow 1
Overflow 0
Integral 290

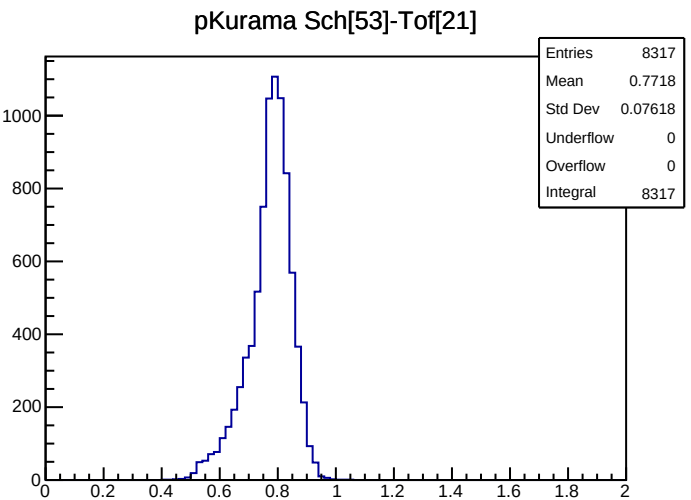

m2 Sch[53]-Tof[20]
Entries 1700
Mean 0.3022
Std Dev 0.3432
Underflow 17
Overflow 39
Integral 1644

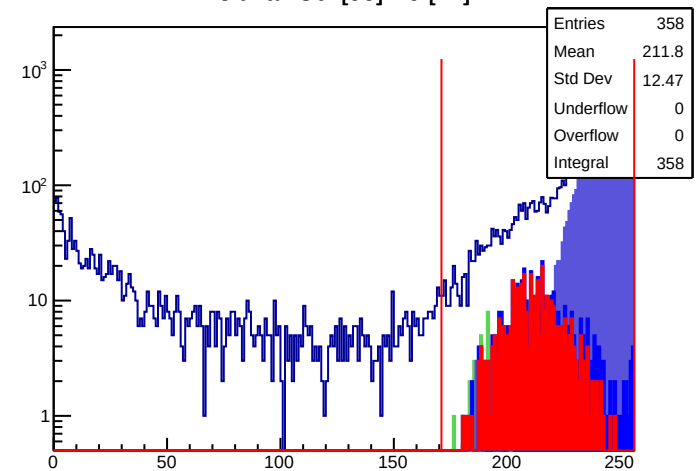

pKurama Sch[53]-Tof[20]
Entries 1700
Mean 0.6126
Std Dev 0.08619
Underflow 0
Overflow 0
Integral 1700

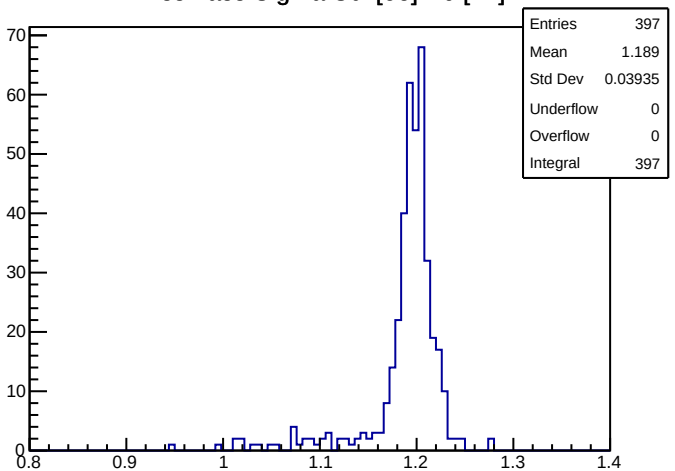

sftx all Sch[53]-Tof[21]
Entries 675
Mean 227.7
Std Dev 16.37
Underflow 2
Overflow 0
Integral 673

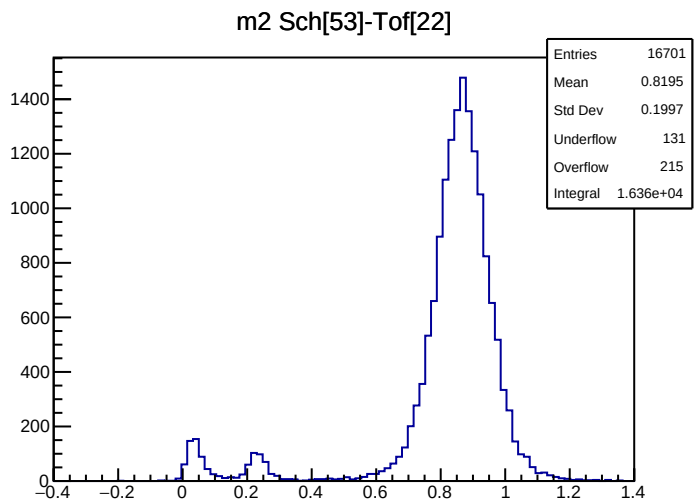

MissMass Sigma Sch[53]-Tof[21]
Entries 715
Mean 1.2
Std Dev 0.03327
Underflow 2
Overflow 0
Integral 713

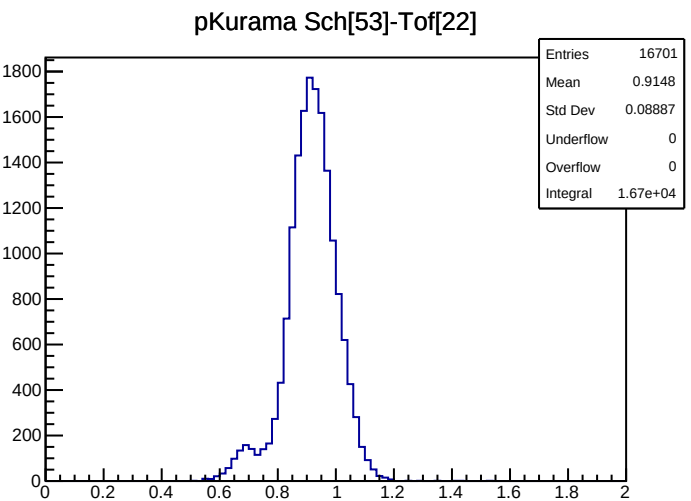

m2 Sch[53]-Tof[21]
Entries 8317
Mean 0.7358
Std Dev 0.2724
Underflow 71
Overflow 105
Integral 8141

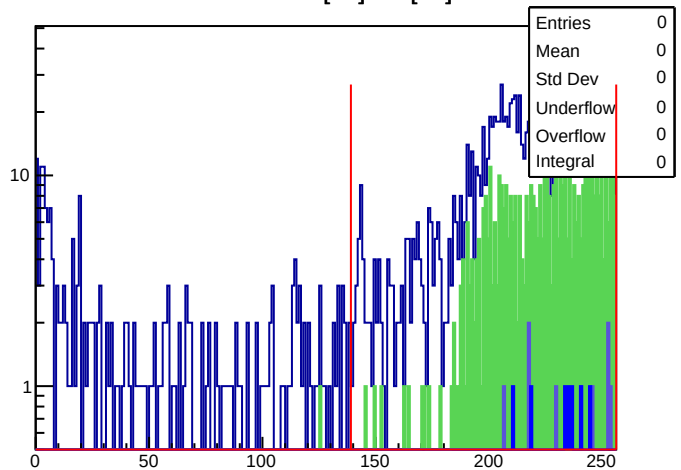

pKurama Sch[53]-Tof[21]
Entries 8317
Mean 0.7718
Std Dev 0.07618
Underflow 0
Overflow 0
Integral 8317

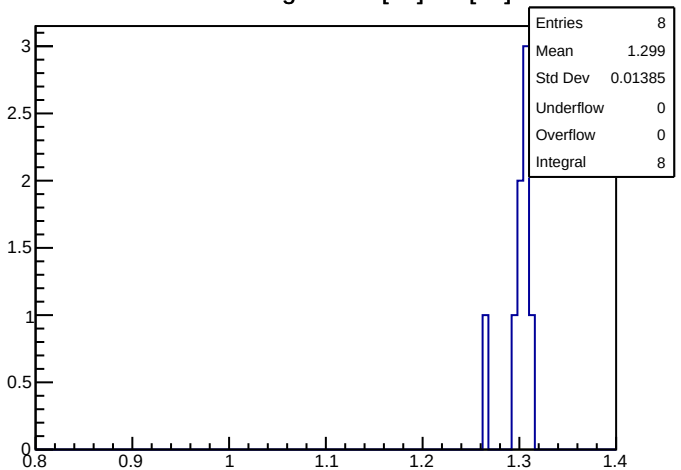

sftx all Sch[53]-Tof[22]
Entries 358
Mean 211.8
Std Dev 12.47
Underflow 0
Overflow 0
Integral 358

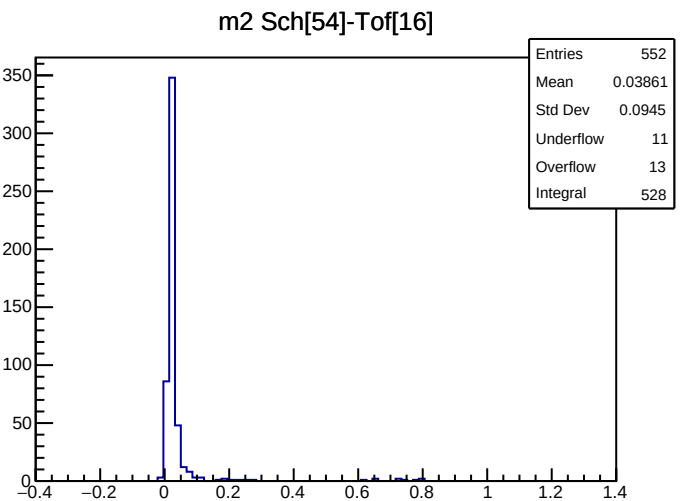

MissMass Sigma Sch[53]-Tof[22]
Entries 397
Mean 1.189
Std Dev 0.03935
Underflow 0
Overflow 0
Integral 397

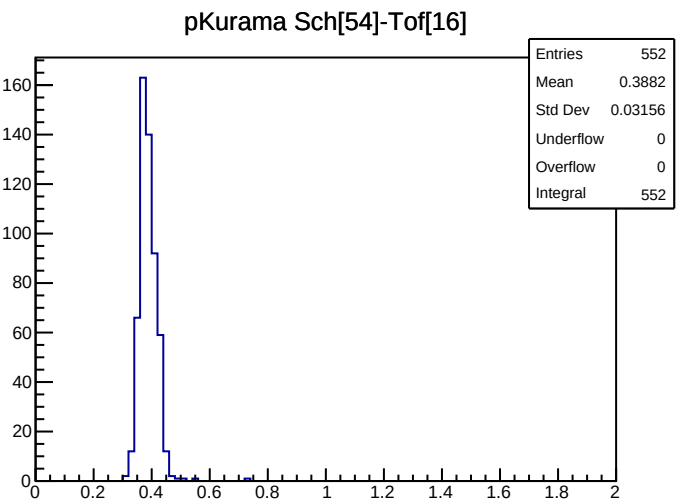

m2 Sch[53]-Tof[22]
Entries 16701
Mean 0.8195
Std Dev 0.1997
Underflow 131
Overflow 215
Integral 1.636e+04

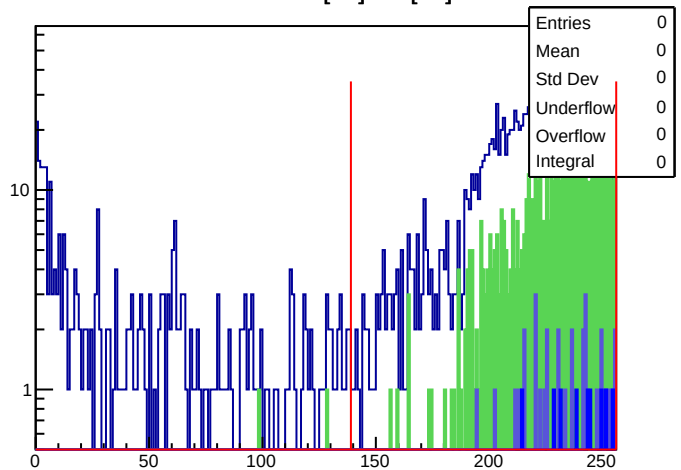

pKurama Sch[53]-Tof[22]
Entries 16701
Mean 0.9148
Std Dev 0.08887
Underflow 0
Overflow 0
Integral 1.67e+04

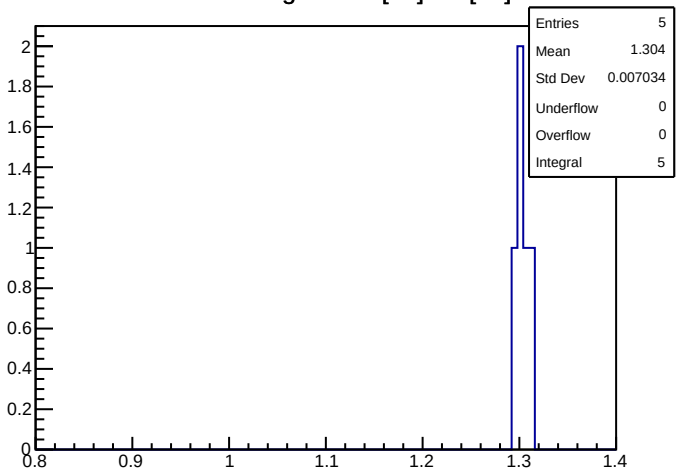

sftx all Sch[54]-Tof[16]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

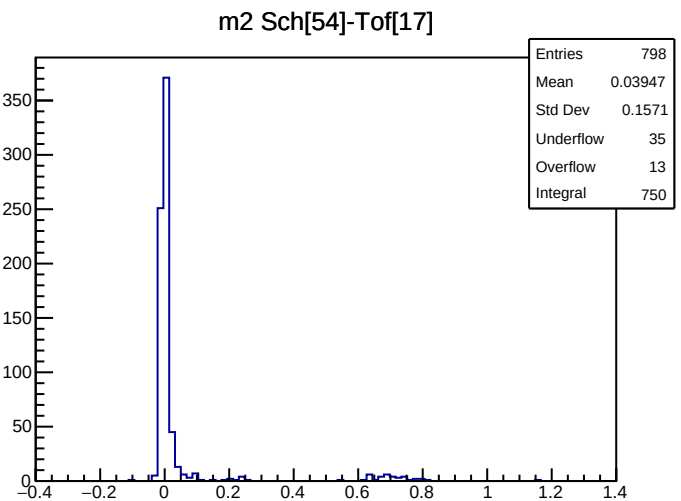

MissMass Sigma Sch[54]-Tof[16]
Entries 8
Mean 1.299
Std Dev 0.01385
Underflow 0
Overflow 0
Integral 8
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

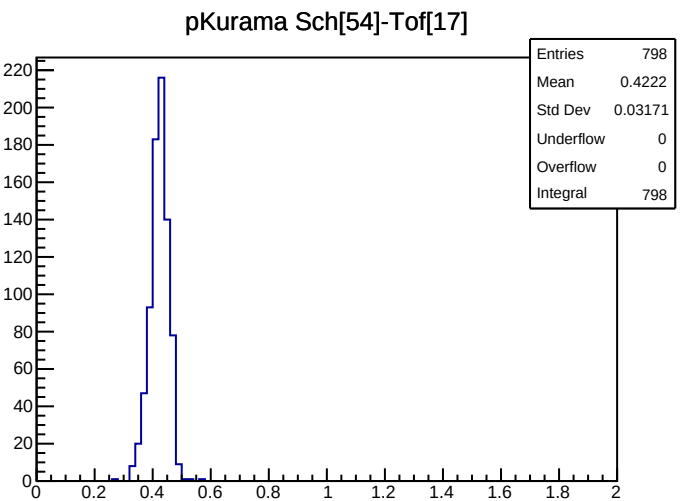

m2 Sch[54]-Tof[16]
Entries 552
Mean 0.03861
Std Dev 0.0945
Underflow 11
Overflow 13
Integral 528
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

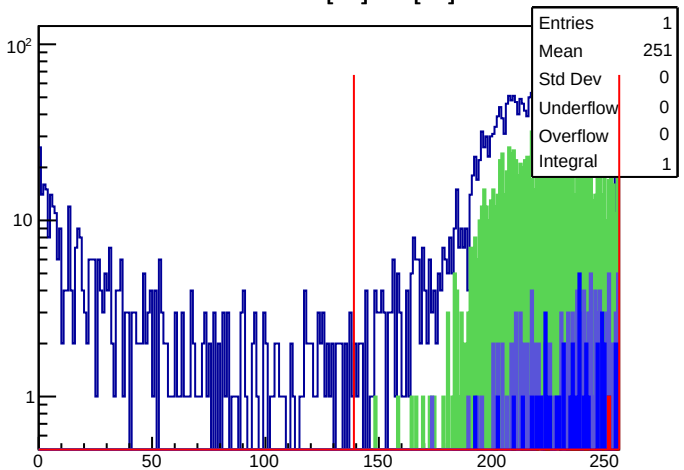

pKurama Sch[54]-Tof[16]
Entries 552
Mean 0.3882
Std Dev 0.03156
Underflow 0
Overflow 0
Integral 552
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

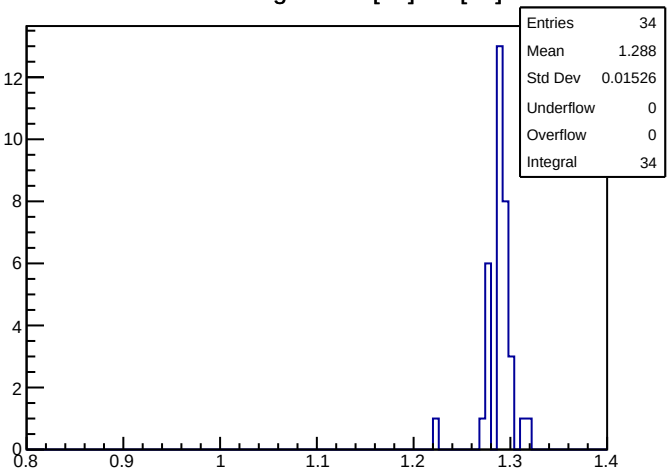

sftx all Sch[54]-Tof[17]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

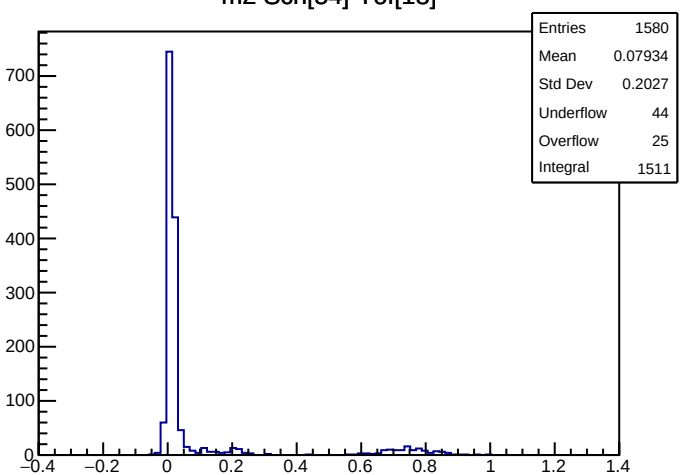

MissMass Sigma Sch[54]-Tof[17]
Entries 5
Mean 1.304
Std Dev 0.007034
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

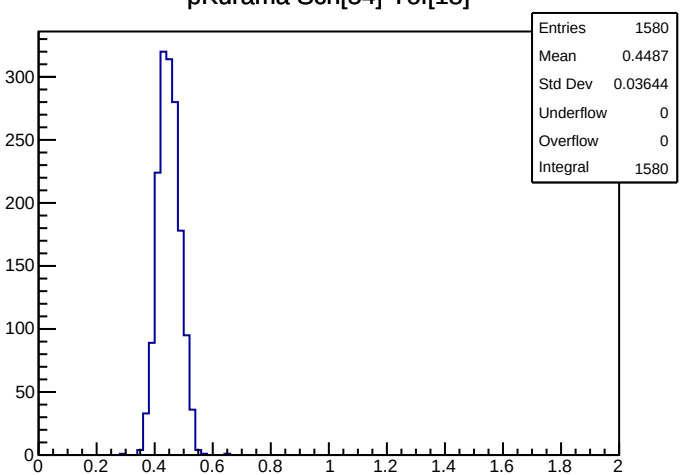

m2 Sch[54]-Tof[17]
Entries 798
Mean 0.03947
Std Dev 0.1571
Underflow 35
Overflow 13
Integral 750
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

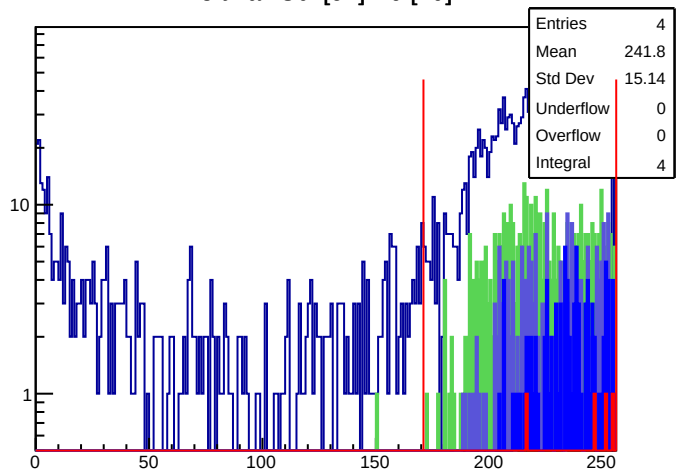

pKurama Sch[54]-Tof[17]
Entries 798
Mean 0.4222
Std Dev 0.03171
Underflow 0
Overflow 0
Integral 798
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

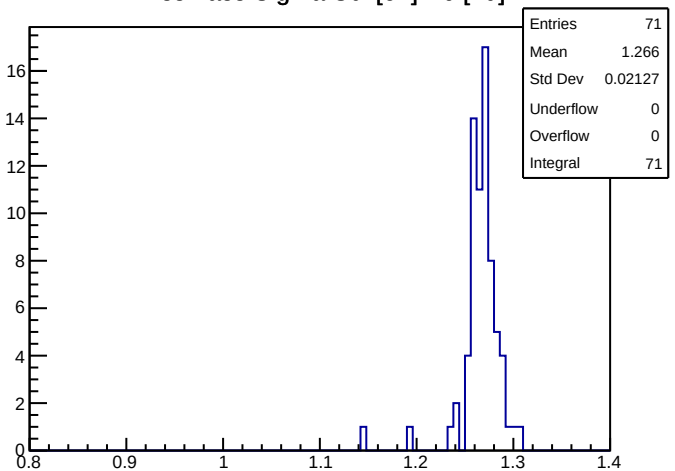

sftx all Sch[54]-Tof[18]
Entries 1
Mean 251
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10^2
10
1
0
50
100
150
200
250

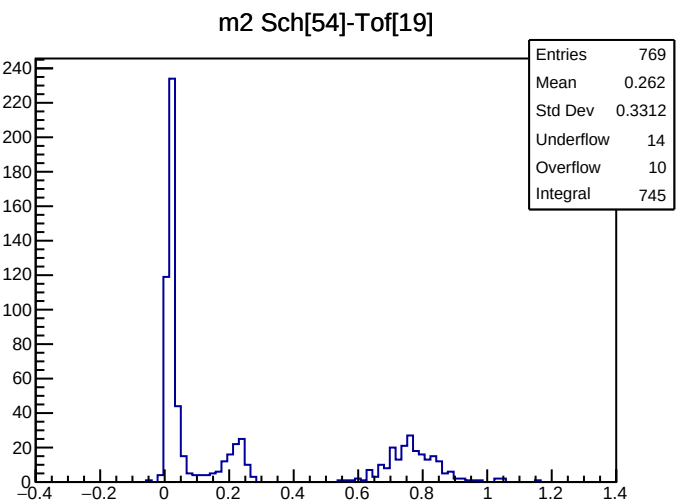

MissMass Sigma Sch[54]-Tof[18]
Entries 34
Mean 1.288
Std Dev 0.01526
Underflow 0
Overflow 0
Integral 34
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

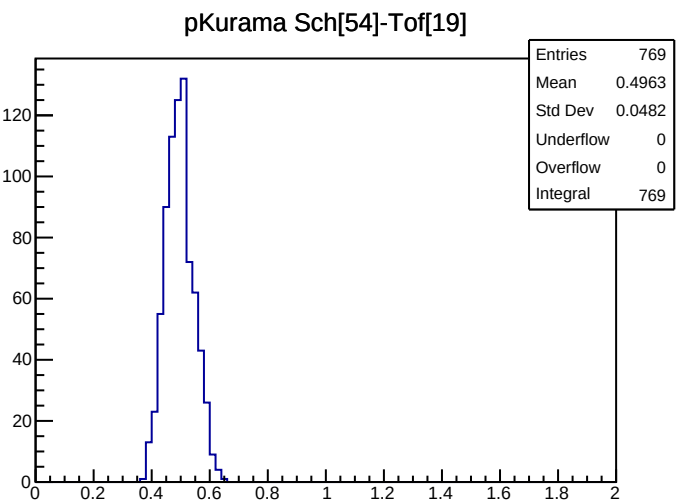

m2 Sch[54]-Tof[18]
Entries 1580
Mean 0.07934
Std Dev 0.2027
Underflow 44
Overflow 25
Integral 1511
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

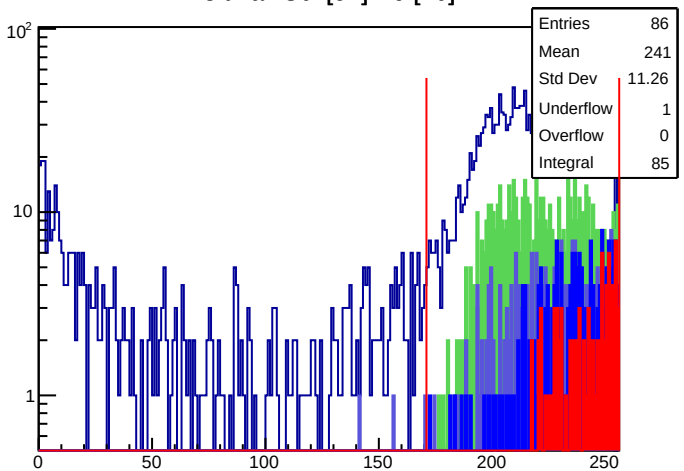

pKurama Sch[54]-Tof[18]
Entries 1580
Mean 0.4487
Std Dev 0.03644
Underflow 0
Overflow 0
Integral 1580
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

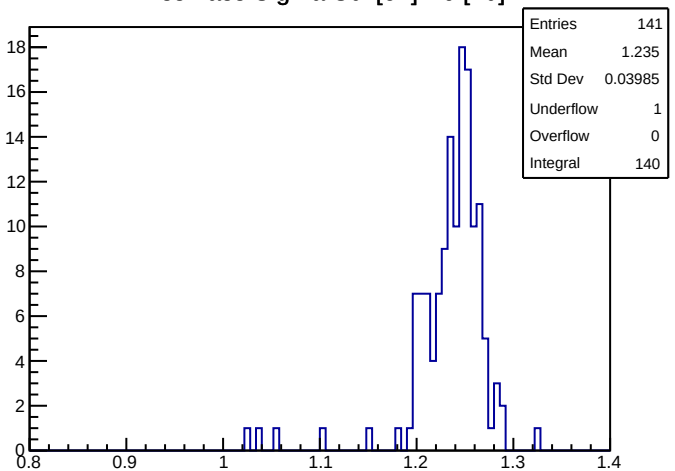

sftx all Sch[54]-Tof[19]
Entries 4
Mean 241.8
Std Dev 15.14
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

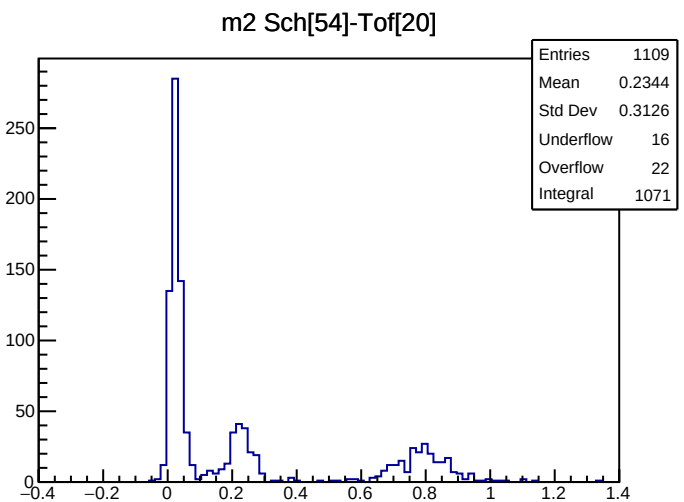

MissMass Sigma Sch[54]-Tof[19]
Entries 71
Mean 1.266
Std Dev 0.02127
Underflow 0
Overflow 0
Integral 71
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

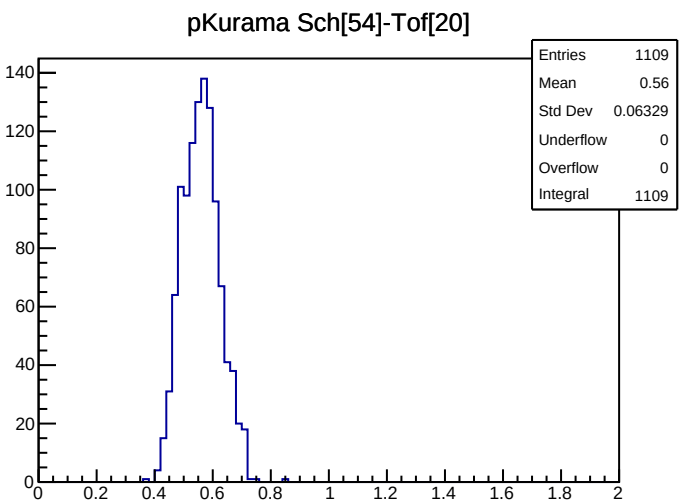

m2 Sch[54]-Tof[19]
Entries 769
Mean 0.262
Std Dev 0.3312
Underflow 14
Overflow 10
Integral 745
240
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

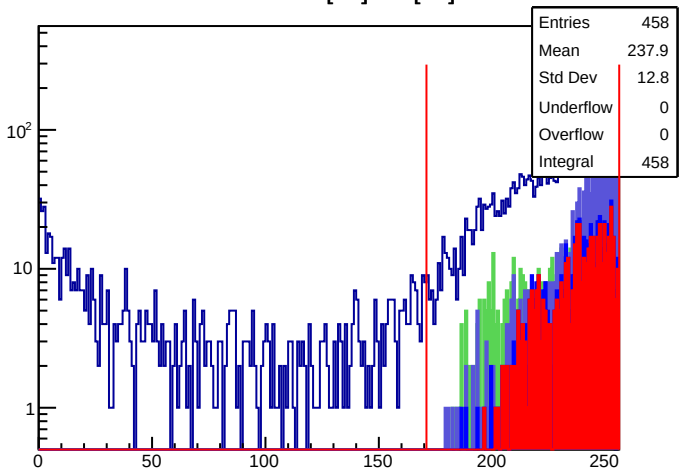

pKurama Sch[54]-Tof[19]
Entries 769
Mean 0.4963
Std Dev 0.0482
Underflow 0
Overflow 0
Integral 769
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

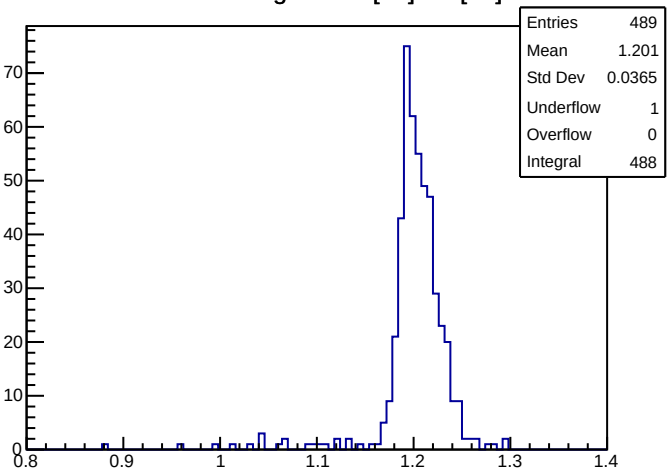

sftx all Sch[54]-Tof[20]
Entries 86
Mean 241
Std Dev 11.26
Underflow 1
Overflow 0
Integral 85

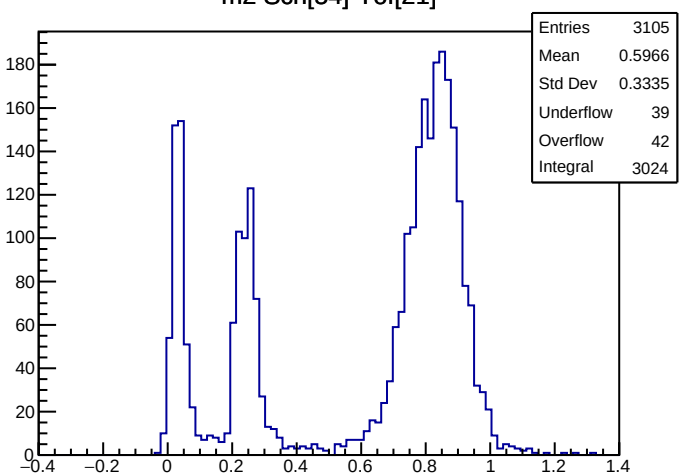

MissMass Sigma Sch[54]-Tof[20]
Entries 141
Mean 1.235
Std Dev 0.03985
Underflow 1
Overflow 0
Integral 140

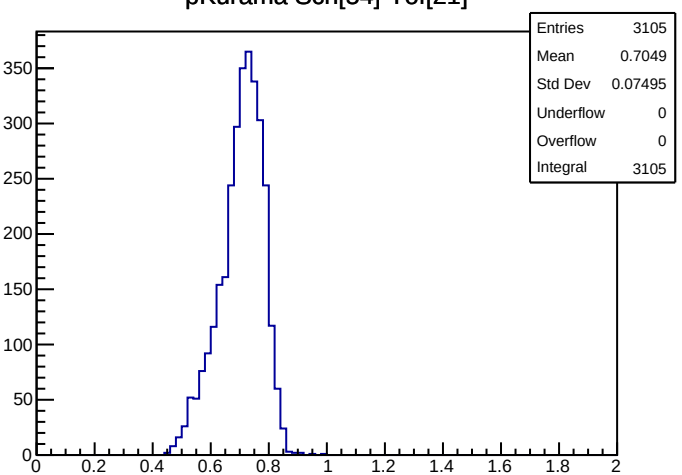

m2 Sch[54]-Tof[20]
Entries 1109
Mean 0.2344
Std Dev 0.3126
Underflow 16
Overflow 22
Integral 1071

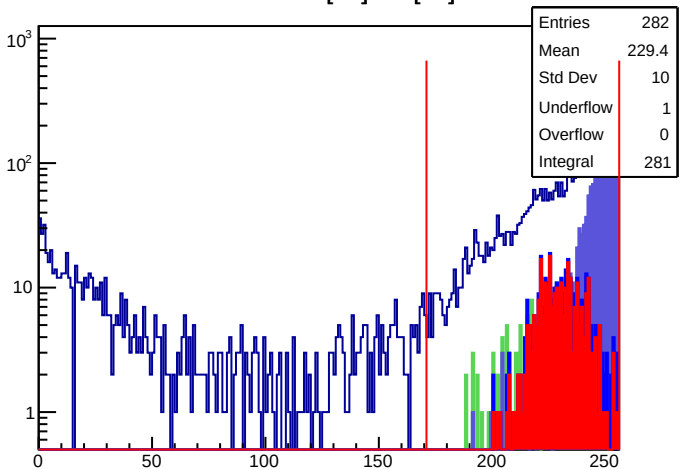

pKurama Sch[54]-Tof[20]
Entries 1109
Mean 0.56
Std Dev 0.06329
Underflow 0
Overflow 0
Integral 1109

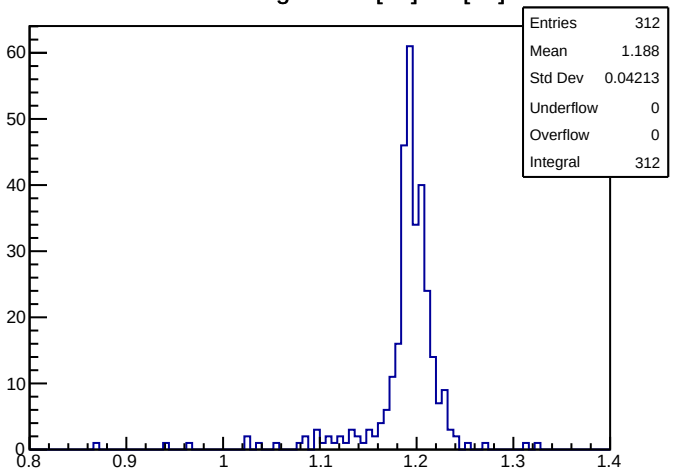

sftx all Sch[54]-Tof[21]
Entries 458
Mean 237.9
Std Dev 12.8
Underflow 0
Overflow 0
Integral 458

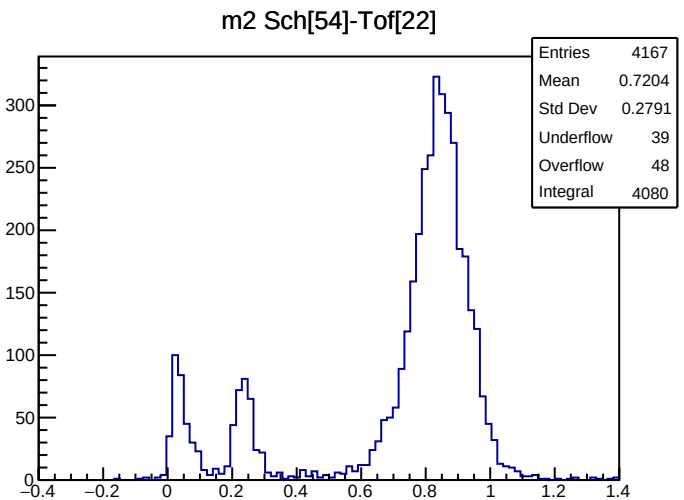

MissMass Sigma Sch[54]-Tof[21]
Entries 489
Mean 1.201
Std Dev 0.0365
Underflow 1
Overflow 0
Integral 488

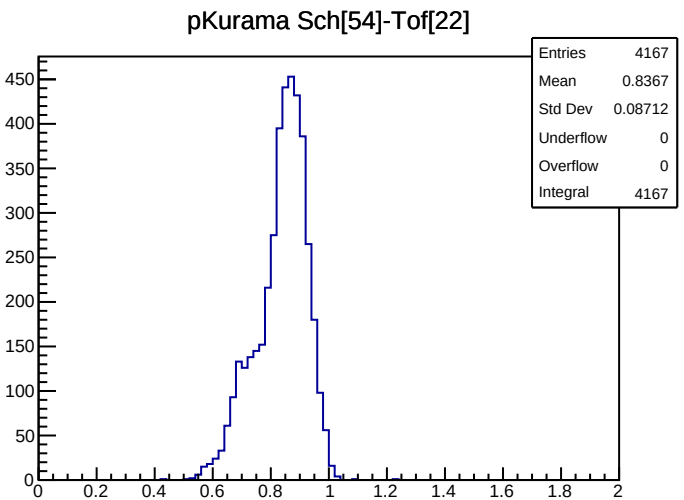

m2 Sch[54]-Tof[21]
Entries 3105
Mean 0.5966
Std Dev 0.3335
Underflow 39
Overflow 42
Integral 3024

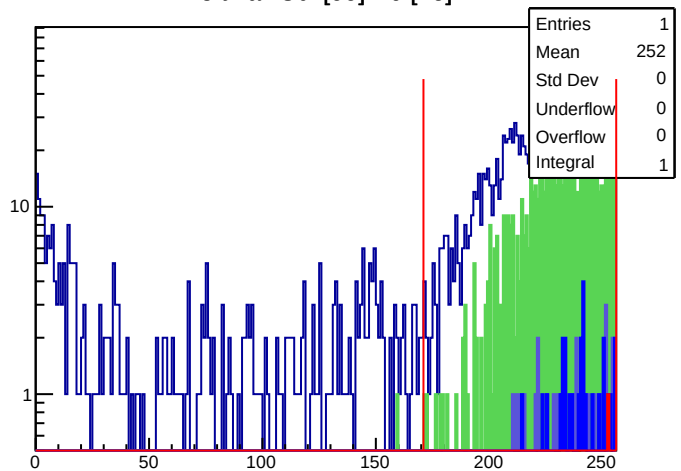

pKurama Sch[54]-Tof[21]
Entries 3105
Mean 0.7049
Std Dev 0.07495
Underflow 0
Overflow 0
Integral 3105

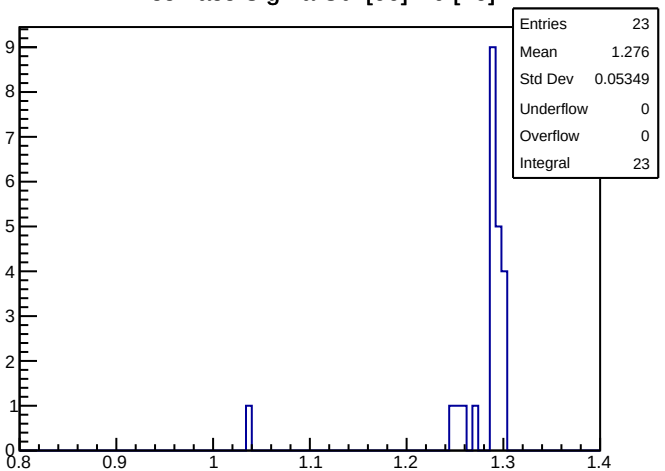

sftx all Sch[54]-Tof[22]
Entries 282
Mean 229.4
Std Dev 10
Underflow 1
Overflow 0
Integral 281

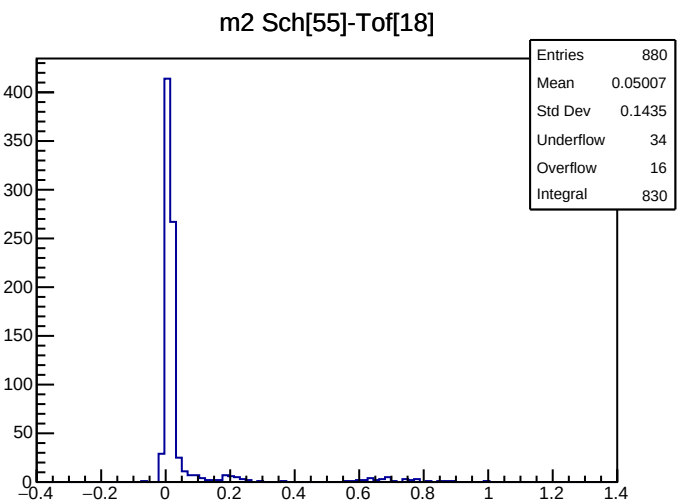

MissMass Sigma Sch[54]-Tof[22]
Entries 312
Mean 1.188
Std Dev 0.04213
Underflow 0
Overflow 0
Integral 312

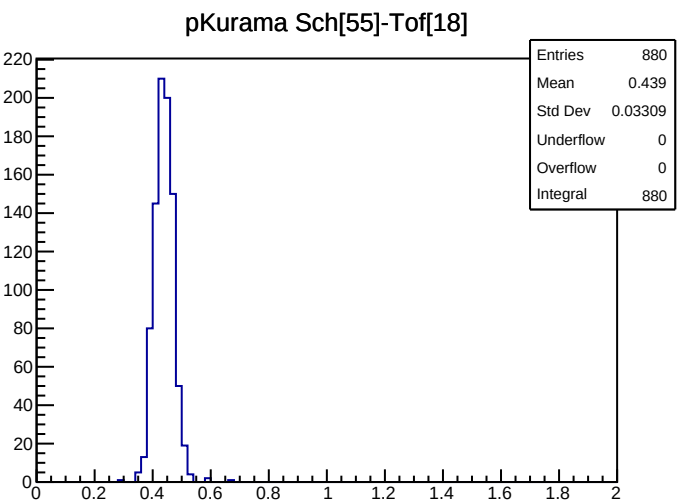

m2 Sch[54]-Tof[22]
Entries 4167
Mean 0.7204
Std Dev 0.2791
Underflow 39
Overflow 48
Integral 4080

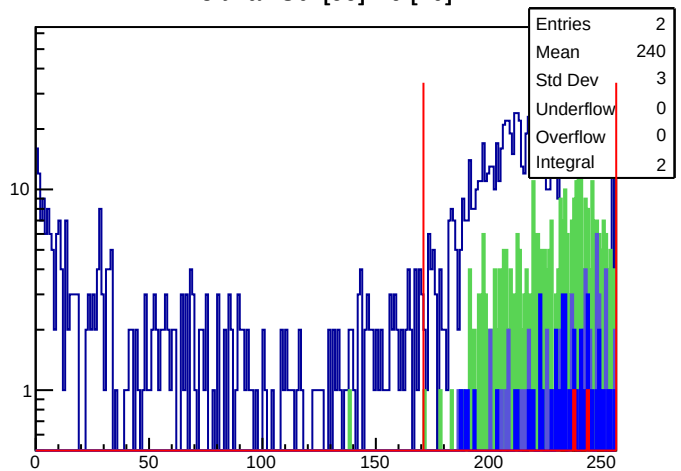

pKurama Sch[54]-Tof[22]
Entries 4167
Mean 0.8367
Std Dev 0.08712
Underflow 0
Overflow 0
Integral 4167

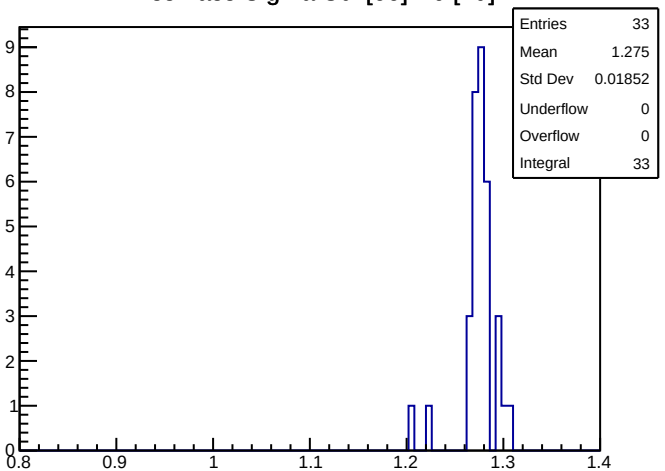

sftx all Sch[55]-Tof[18]
Entries 1
Mean 252
Std Dev 0
Underflow 0
Overflow 0
Integral 1
10
1
0
50
100
150
200
250

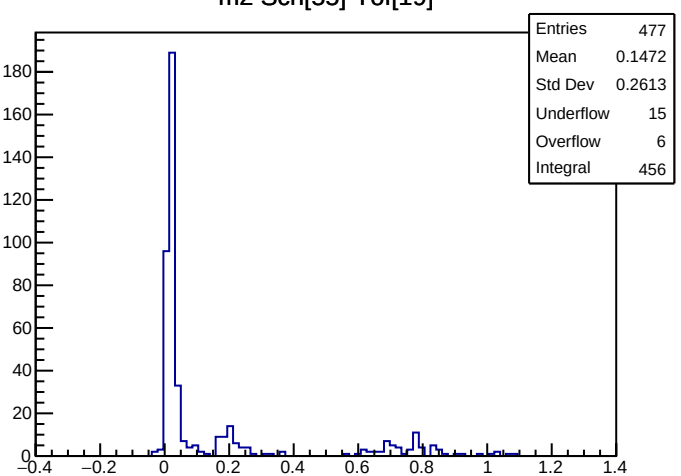

MissMass Sigma Sch[55]-Tof[18]
Entries 23
Mean 1.276
Std Dev 0.05349
Underflow 0
Overflow 0
Integral 23
9
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

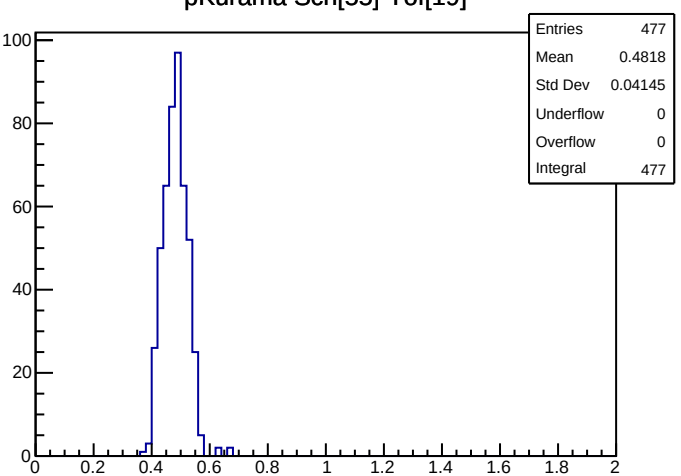

m2 Sch[55]-Tof[18]
Entries 880
Mean 0.05007
Std Dev 0.1435
Underflow 34
Overflow 16
Integral 830
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

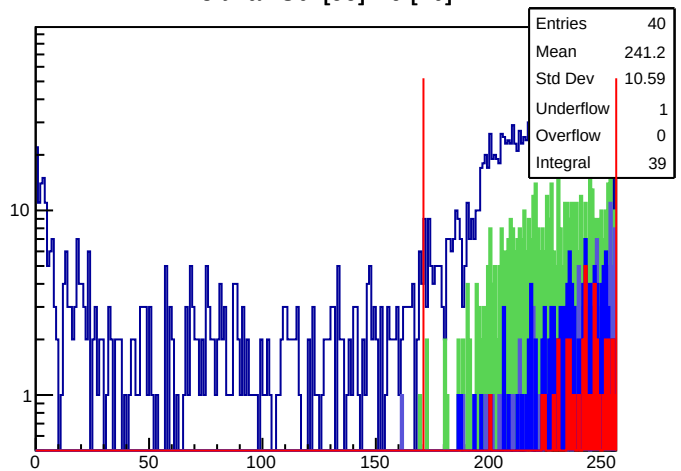

pKurama Sch[55]-Tof[18]
Entries 880
Mean 0.439
Std Dev 0.03309
Underflow 0
Overflow 0
Integral 880
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

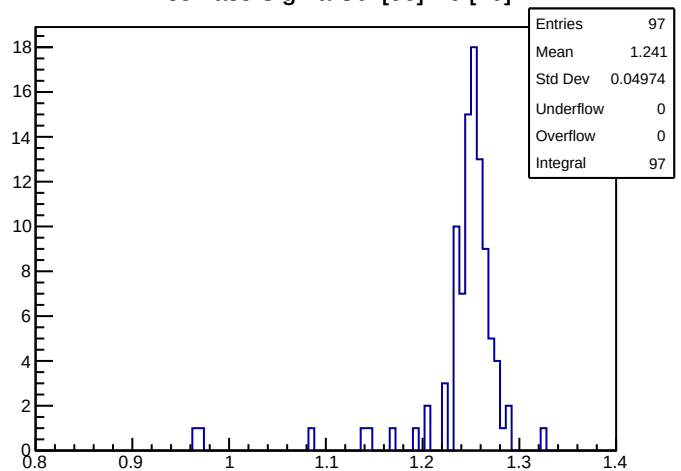

sftx all Sch[55]-Tof[19]
Entries 2
Mean 240
Std Dev 3
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

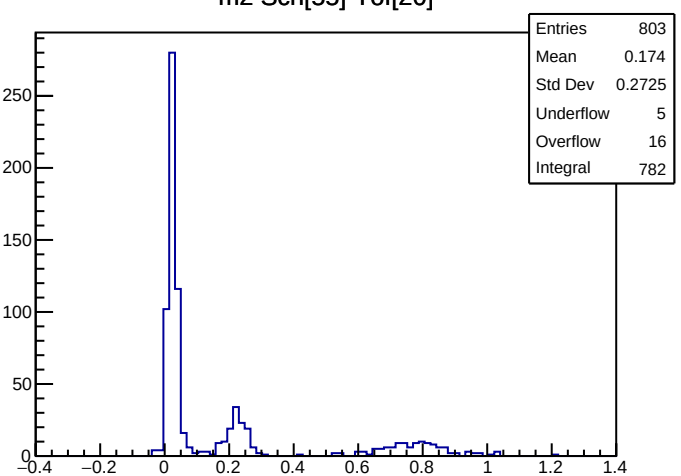

MissMass Sigma Sch[55]-Tof[19]
Entries 33
Mean 1.275
Std Dev 0.01852
Underflow 0
Overflow 0
Integral 33
9
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

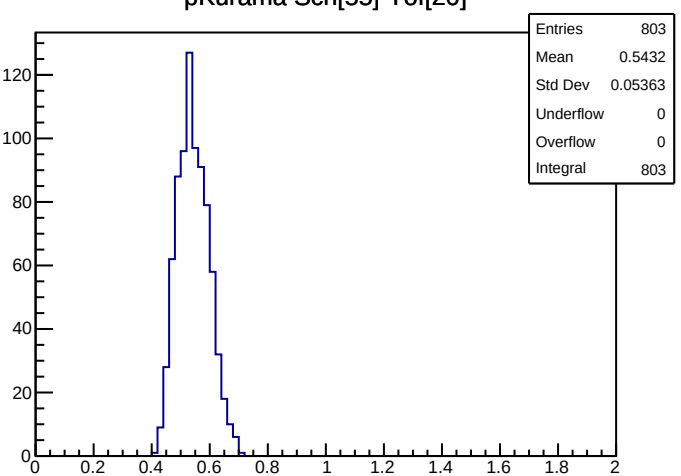

m2 Sch[55]-Tof[19]
Entries 477
Mean 0.1472
Std Dev 0.2613
Underflow 15
Overflow 6
Integral 456
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

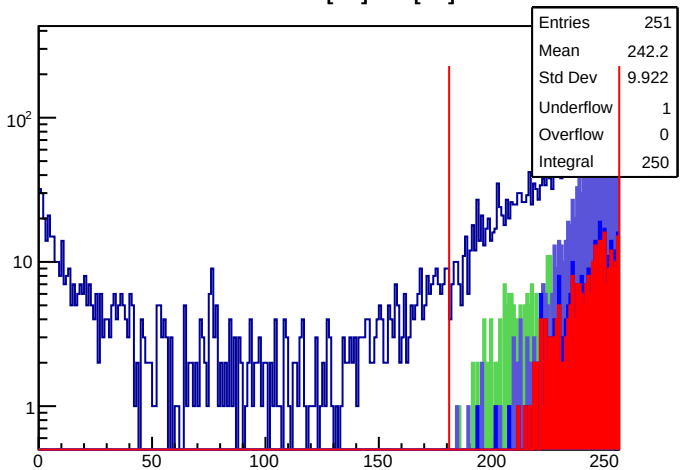

pKurama Sch[55]-Tof[19]
Entries 477
Mean 0.4818
Std Dev 0.04145
Underflow 0
Overflow 0
Integral 477
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

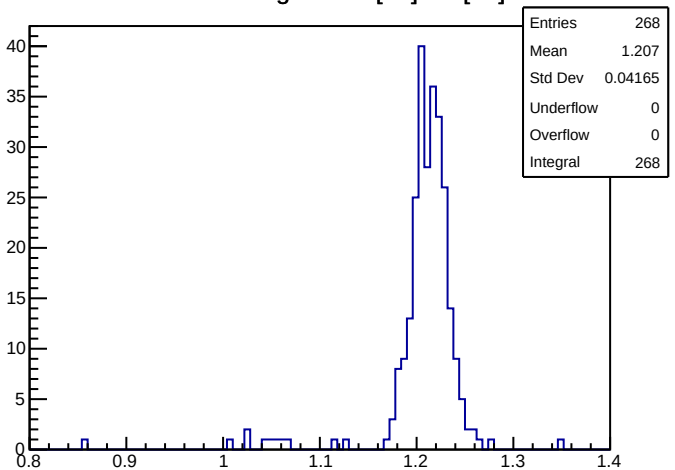

sftx all Sch[55]-Tof[20]
Entries 40
Mean 241.2
Std Dev 10.59
Underflow 1
Overflow 0
Integral 39
10
1
0
50
100
150
200
250

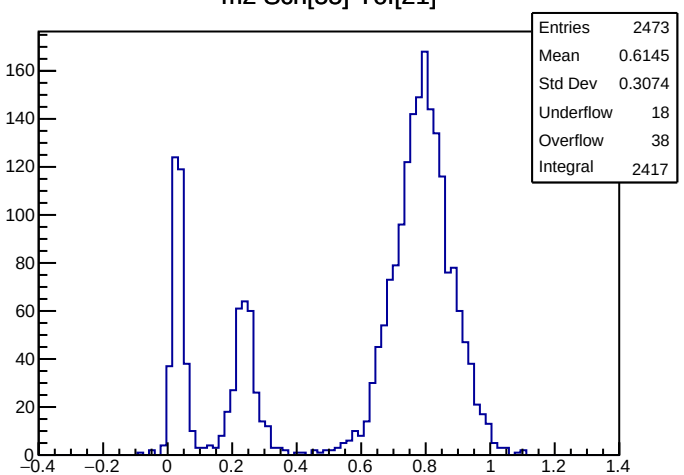

MissMass Sigma Sch[55]-Tof[20]
Entries 97
Mean 1.241
Std Dev 0.04974
Underflow 0
Overflow 0
Integral 97
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

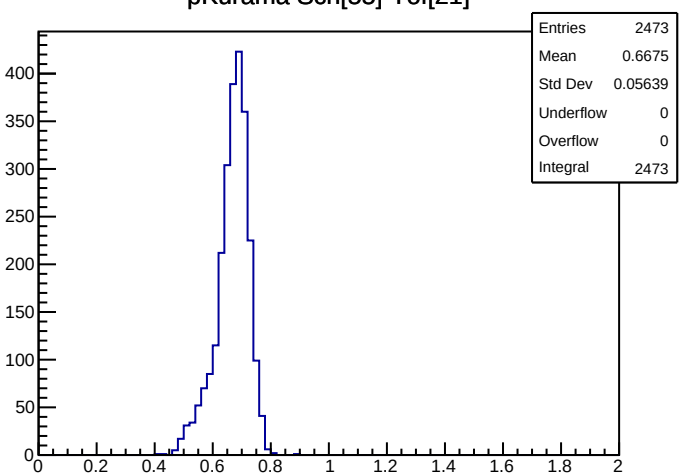

m2 Sch[55]-Tof[20]
Entries 803
Mean 0.174
Std Dev 0.2725
Underflow 5
Overflow 16
Integral 782
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

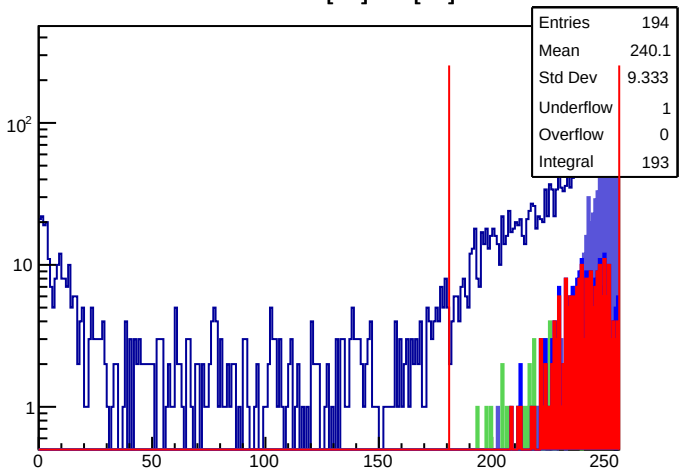

pKurama Sch[55]-Tof[20]
Entries 803
Mean 0.5432
Std Dev 0.05363
Underflow 0
Overflow 0
Integral 803
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

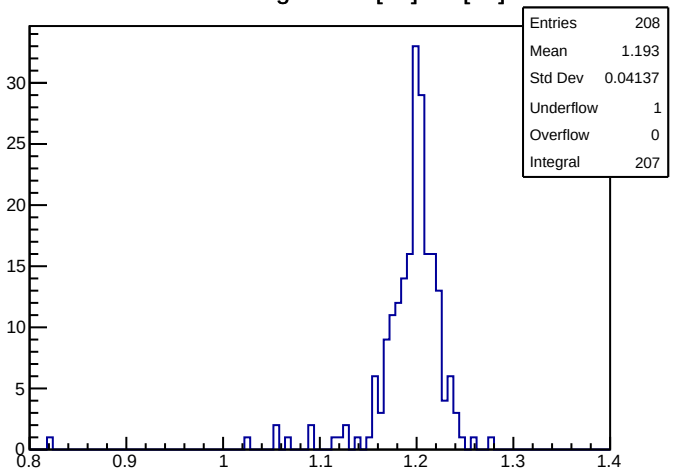

sftx all Sch[55]-Tof[21]
Entries 251
Mean 242.2
Std Dev 9.922
Underflow 1
Overflow 0
Integral 250

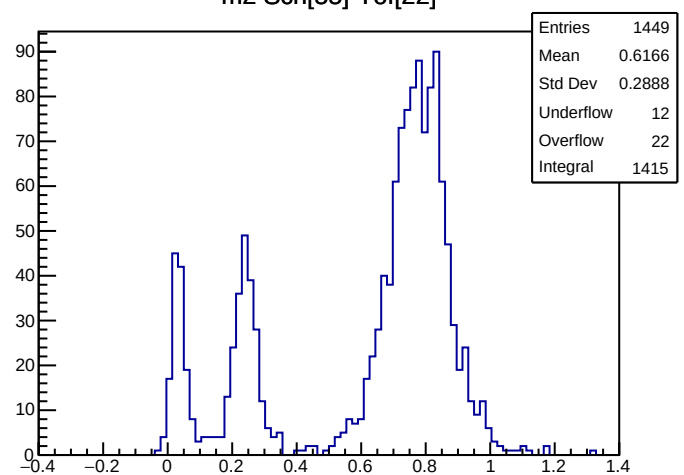

MissMass Sigma Sch[55]-Tof[21]
Entries 268
Mean 1.207
Std Dev 0.04165
Underflow 0
Overflow 0
Integral 268

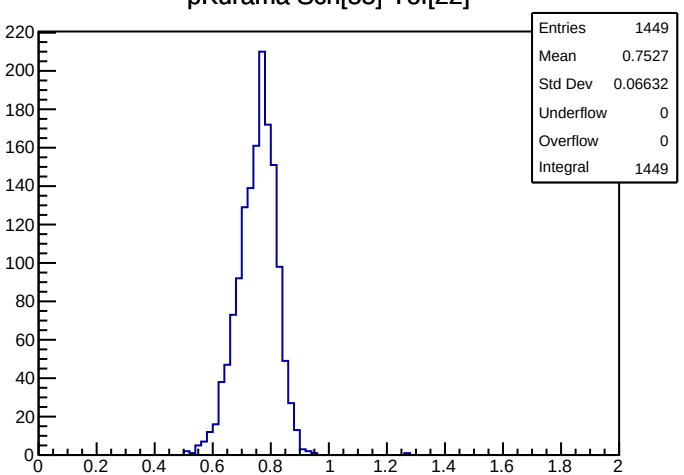

m2 Sch[55]-Tof[21]
Entries 2473
Mean 0.6145
Std Dev 0.3074
Underflow 18
Overflow 38
Integral 2417

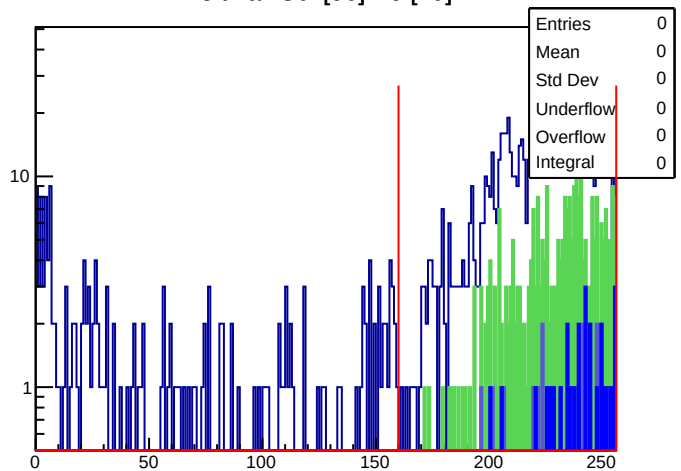

pKurama Sch[55]-Tof[21]
Entries 2473
Mean 0.6675
Std Dev 0.05639
Underflow 0
Overflow 0
Integral 2473

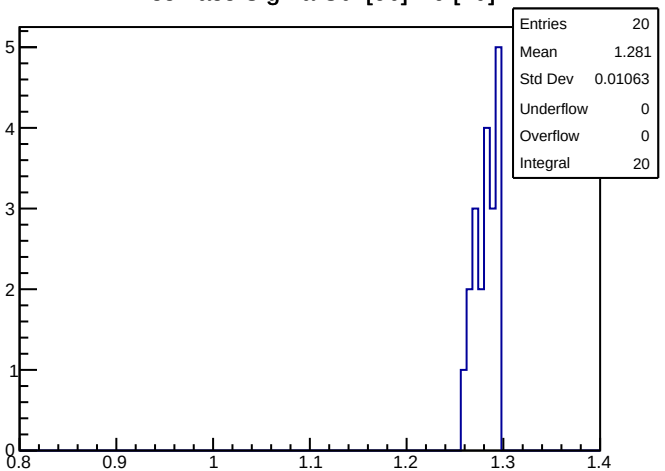

sftx all Sch[55]-Tof[22]
Entries 194
Mean 240.1
Std Dev 9.333
Underflow 1
Overflow 0
Integral 193

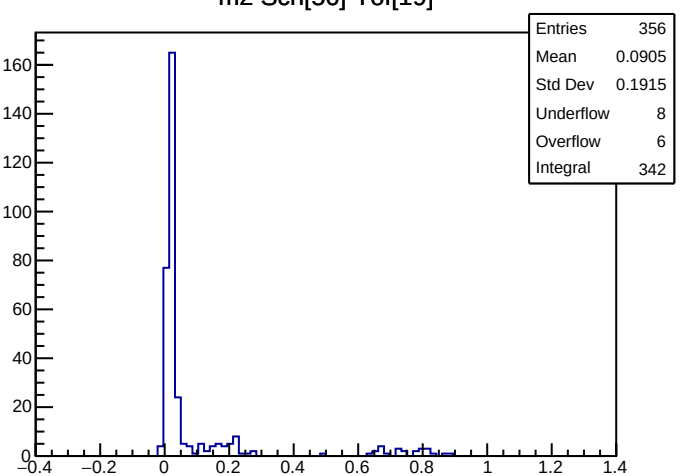

MissMass Sigma Sch[55]-Tof[22]
Entries 208
Mean 1.193
Std Dev 0.04137
Underflow 1
Overflow 0
Integral 207

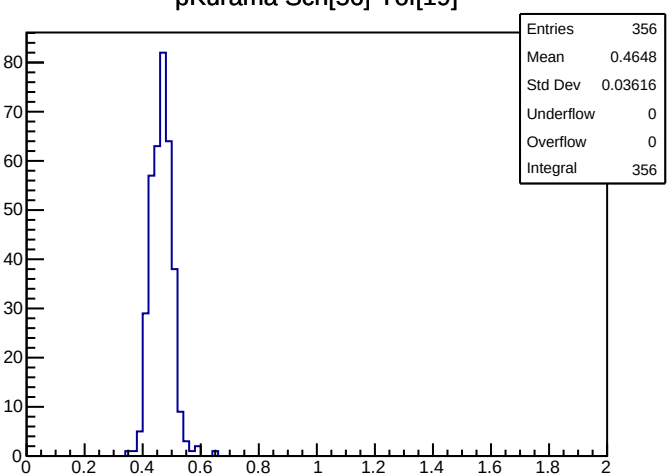

m2 Sch[55]-Tof[22]
Entries 1449
Mean 0.6166
Std Dev 0.2888
Underflow 12
Overflow 22
Integral 1415

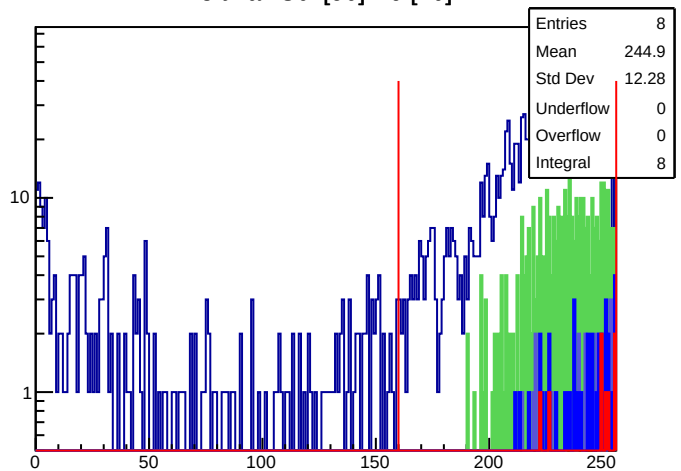

pKurama Sch[55]-Tof[22]
Entries 1449
Mean 0.7527
Std Dev 0.06632
Underflow 0
Overflow 0
Integral 1449

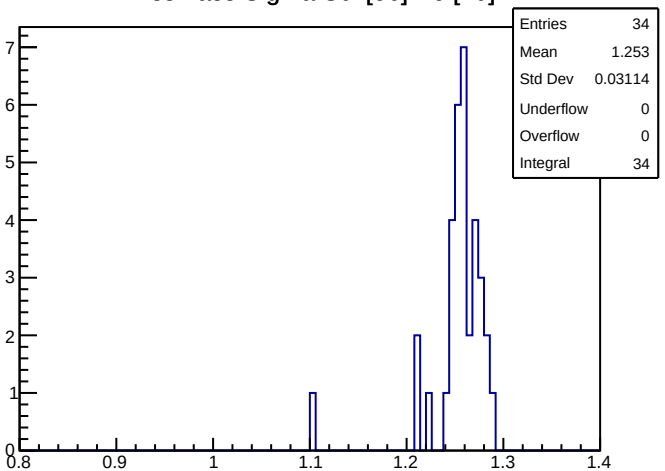

sftx all Sch[56]-Tof[19]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

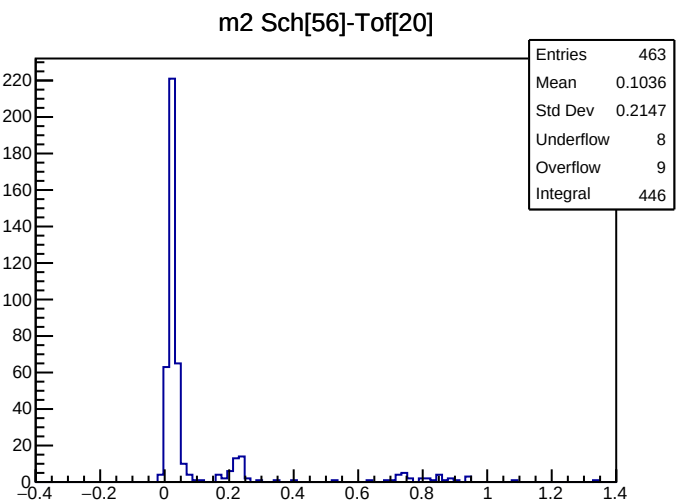

MissMass Sigma Sch[56]-Tof[19]
Entries 20
Mean 1.281
Std Dev 0.01063
Underflow 0
Overflow 0
Integral 20
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

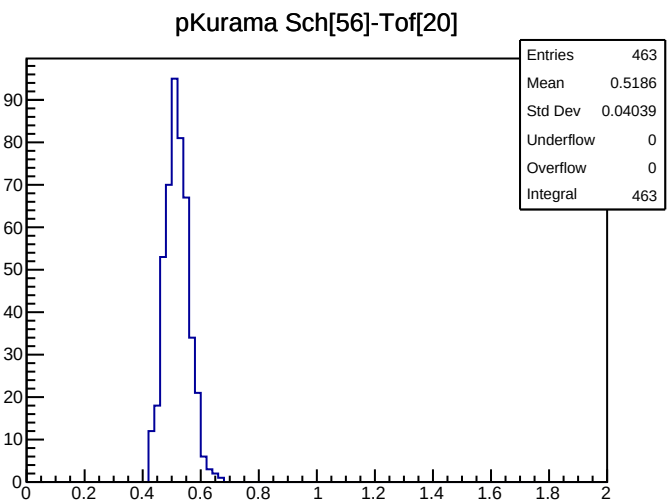

m2 Sch[56]-Tof[19]
Entries 356
Mean 0.0905
Std Dev 0.1915
Underflow 8
Overflow 6
Integral 342
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

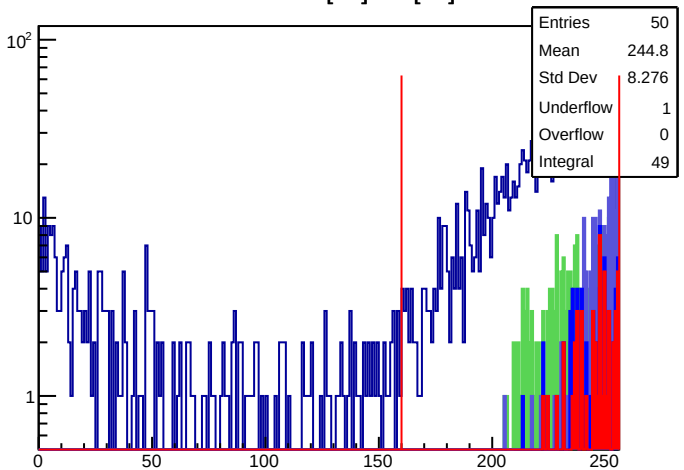

pKurama Sch[56]-Tof[19]
Entries 356
Mean 0.4648
Std Dev 0.03616
Underflow 0
Overflow 0
Integral 356
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

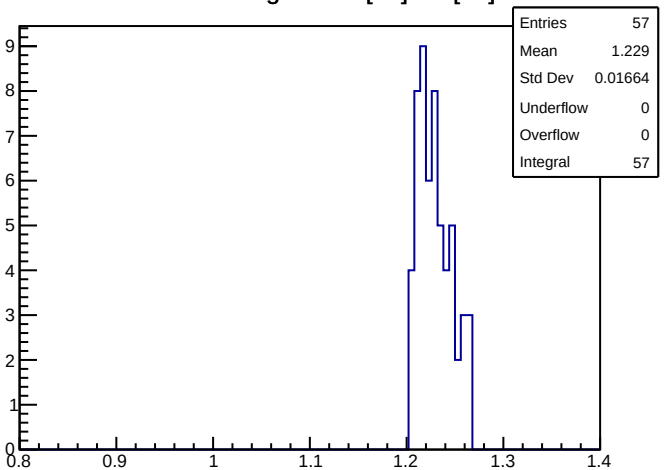

sftx all Sch[56]-Tof[20]
Entries 8
Mean 244.9
Std Dev 12.28
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

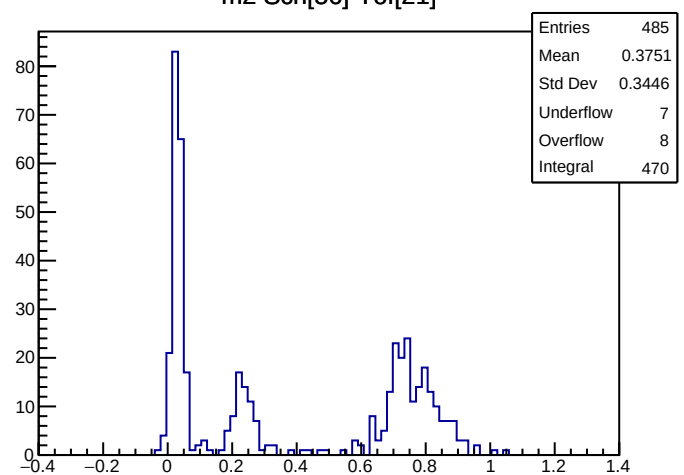

MissMass Sigma Sch[56]-Tof[20]
Entries 34
Mean 1.253
Std Dev 0.03114
Underflow 0
Overflow 0
Integral 34
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

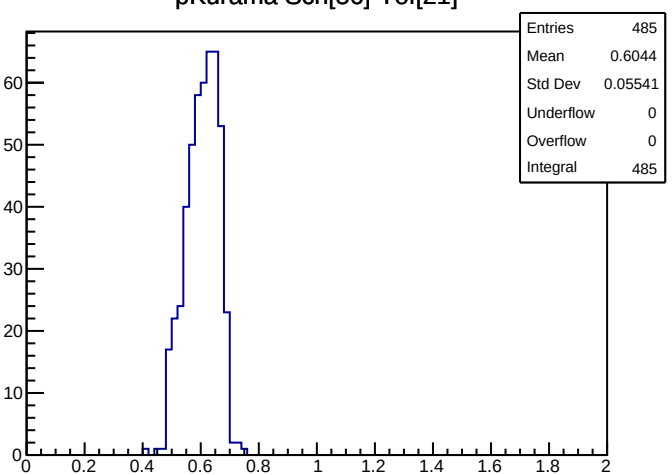

m2 Sch[56]-Tof[20]
Entries 463
Mean 0.1036
Std Dev 0.2147
Underflow 8
Overflow 9
Integral 446
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

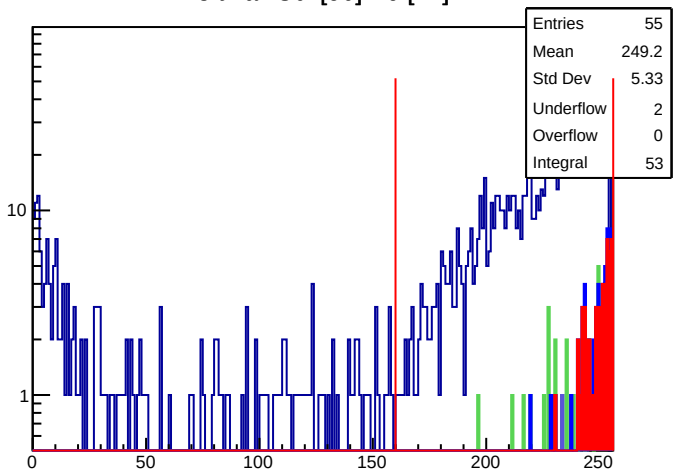

pKurama Sch[56]-Tof[20]
Entries 463
Mean 0.5186
Std Dev 0.04039
Underflow 0
Overflow 0
Integral 463
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

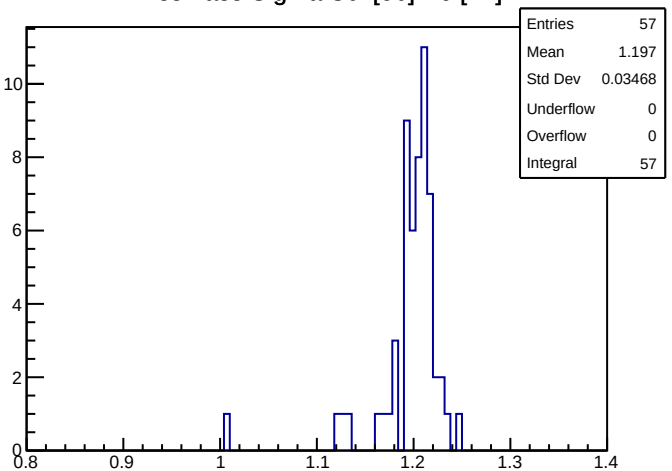

sftx all Sch[56]-Tof[21]
Entries 50
Mean 244.8
Std Dev 8.276
Underflow 1
Overflow 0
Integral 49

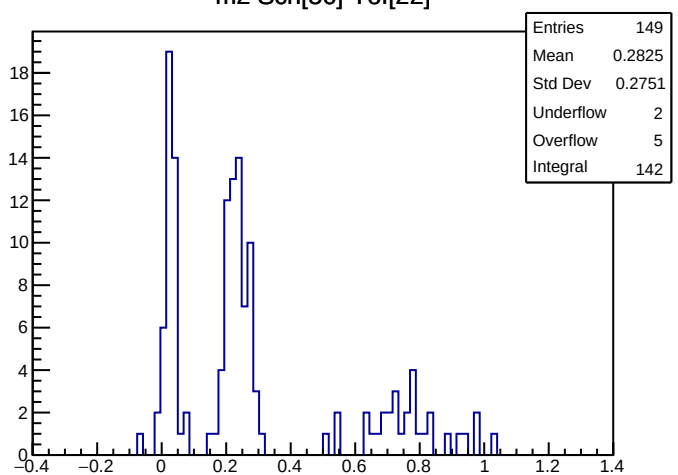

MissMass Sigma Sch[56]-Tof[21]
Entries 57
Mean 1.229
Std Dev 0.01664
Underflow 0
Overflow 0
Integral 57

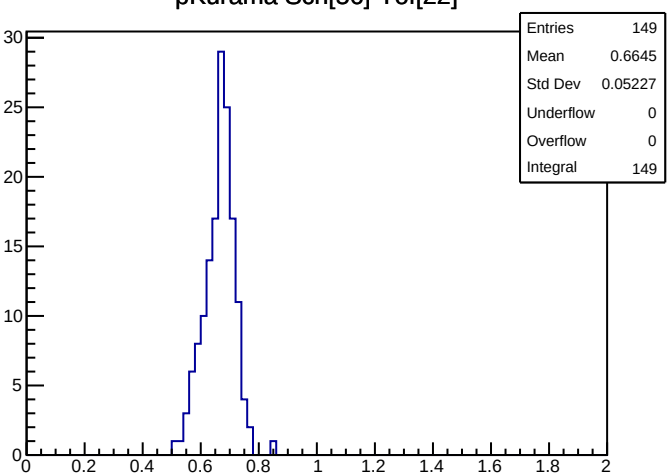

m2 Sch[56]-Tof[21]
Entries 485
Mean 0.3751
Std Dev 0.3446
Underflow 7
Overflow 8
Integral 470

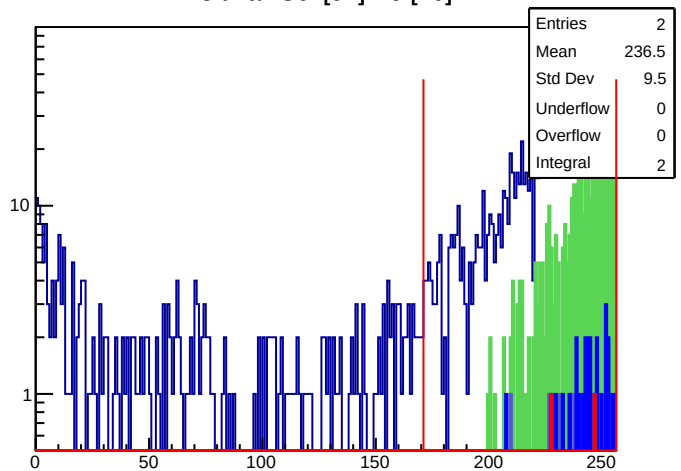

pKurama Sch[56]-Tof[21]
Entries 485
Mean 0.6044
Std Dev 0.05541
Underflow 0
Overflow 0
Integral 485

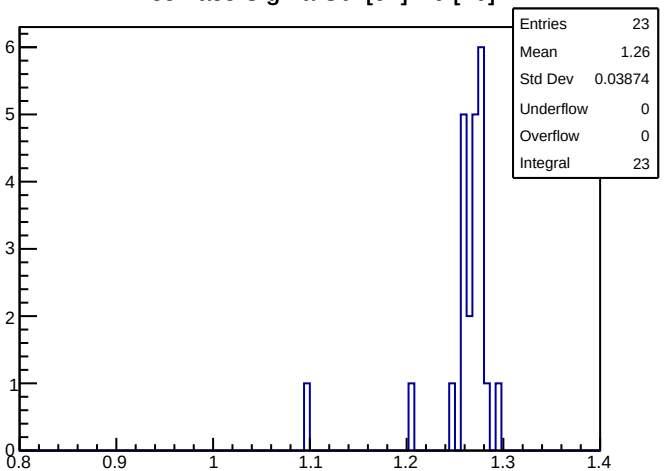

sftx all Sch[56]-Tof[22]
Entries 55
Mean 249.2
Std Dev 5.33
Underflow 2
Overflow 0
Integral 53

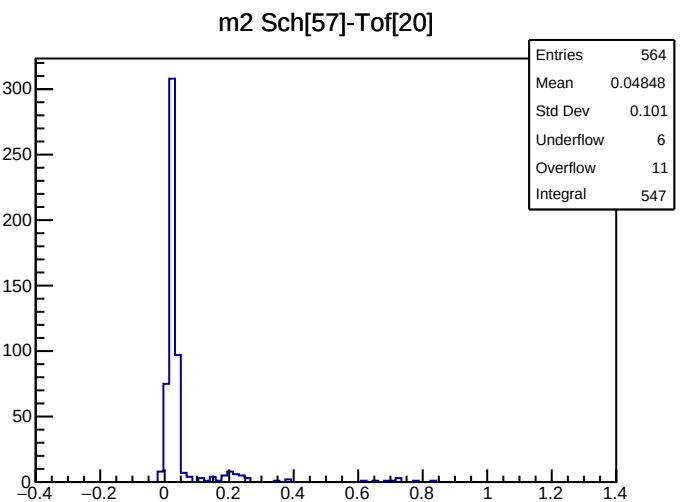

MissMass Sigma Sch[56]-Tof[22]
Entries 57
Mean 1.197
Std Dev 0.03468
Underflow 0
Overflow 0
Integral 57

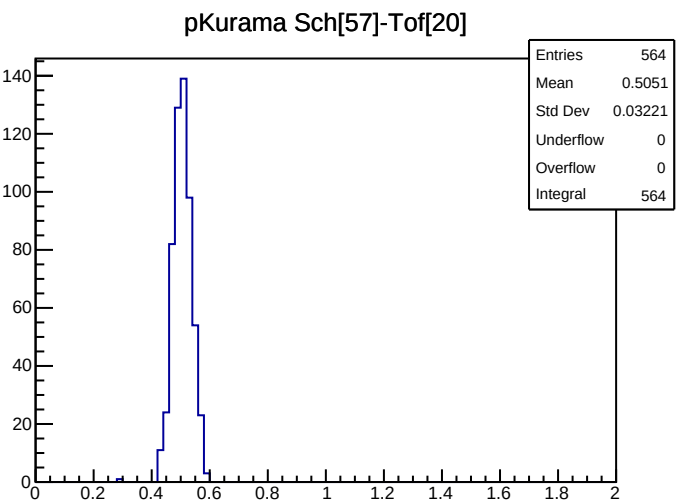

m2 Sch[56]-Tof[22]
Entries 149
Mean 0.2825
Std Dev 0.2751
Underflow 2
Overflow 5
Integral 142

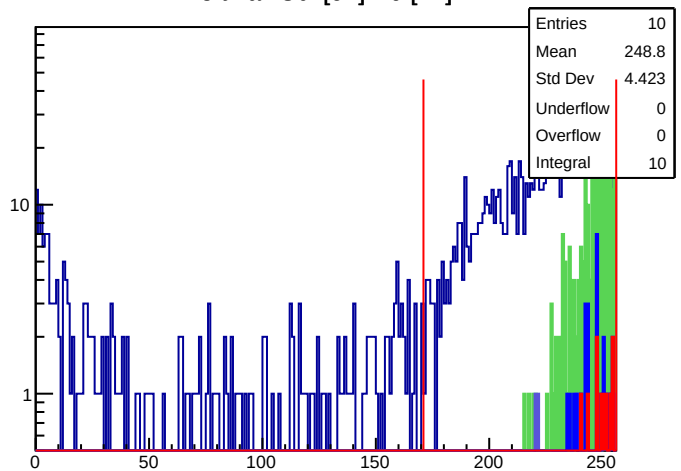

pKurama Sch[56]-Tof[22]
Entries 149
Mean 0.6645
Std Dev 0.05227
Underflow 0
Overflow 0
Integral 149

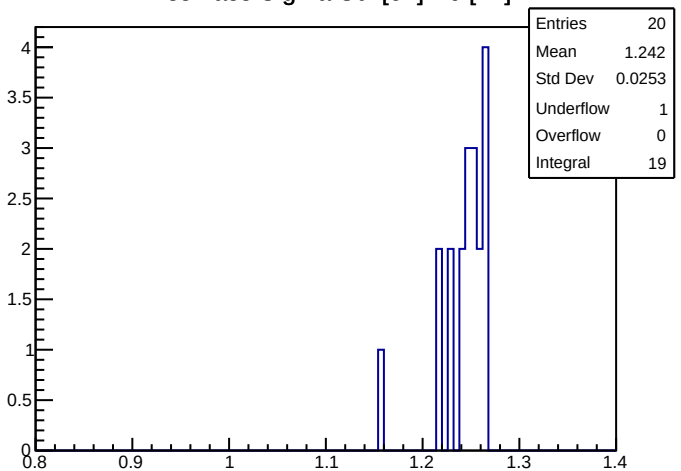

sftx all Sch[57]-Tof[20]
Entries 2
Mean 236.5
Std Dev 9.5
Underflow 0
Overflow 0
Integral 2

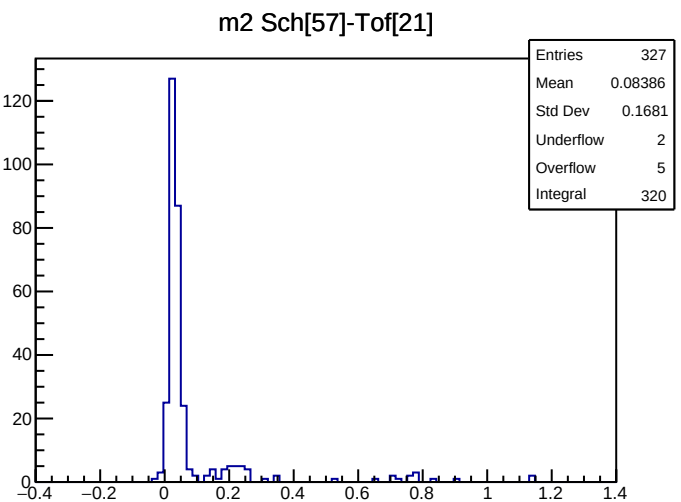

MissMass Sigma Sch[57]-Tof[20]
Entries 23
Mean 1.26
Std Dev 0.03874
Underflow 0
Overflow 0
Integral 23

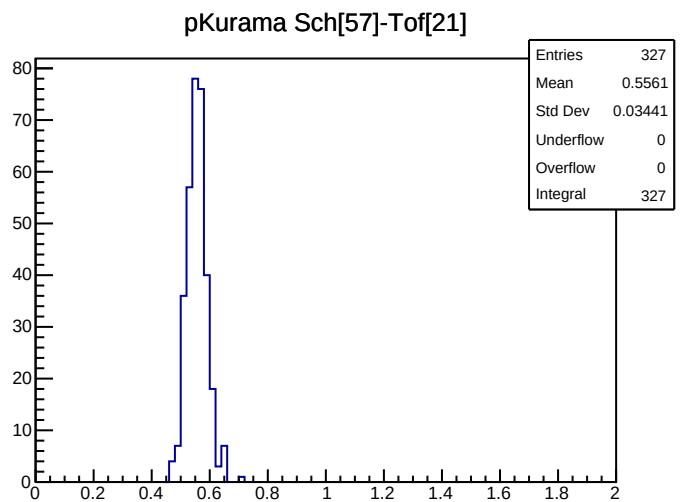

m2 Sch[57]-Tof[20]
Entries 564
Mean 0.04848
Std Dev 0.101
Underflow 6
Overflow 11
Integral 547

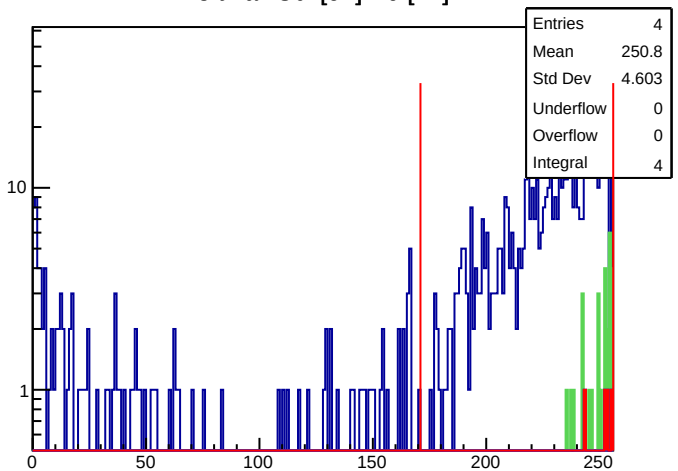

pKurama Sch[57]-Tof[20]
Entries 564
Mean 0.5051
Std Dev 0.03221
Underflow 0
Overflow 0
Integral 564

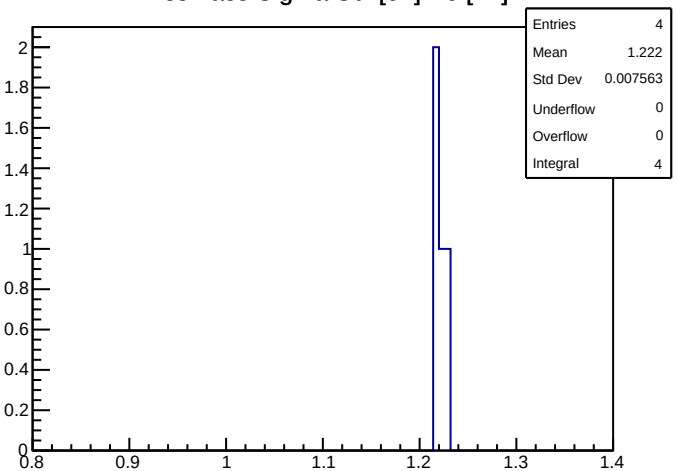

sftx all Sch[57]-Tof[21]
Entries 10
Mean 248.8
Std Dev 4.423
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

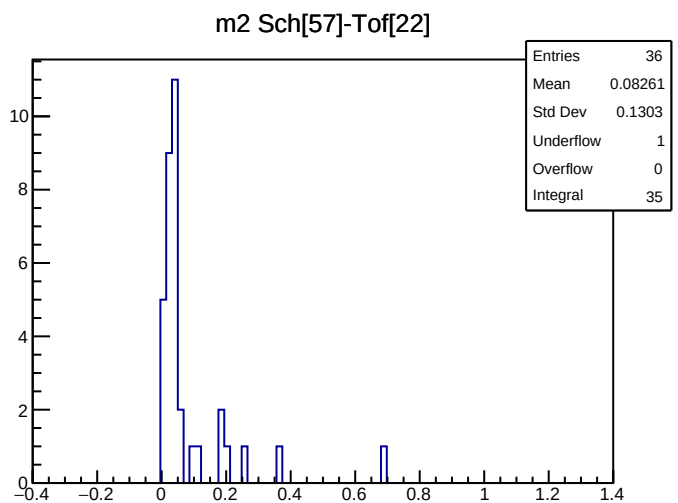

MissMass Sigma Sch[57]-Tof[21]
Entries 20
Mean 1.242
Std Dev 0.0253
Underflow 1
Overflow 0
Integral 19
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

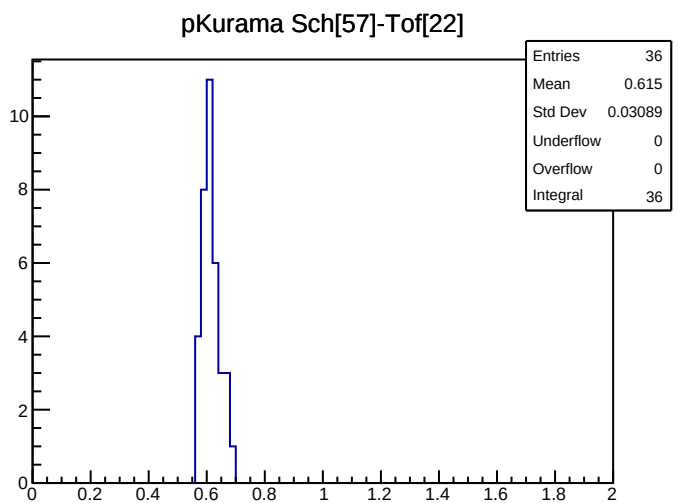

m2 Sch[57]-Tof[21]
Entries 327
Mean 0.08386
Std Dev 0.1681
Underflow 2
Overflow 5
Integral 320
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

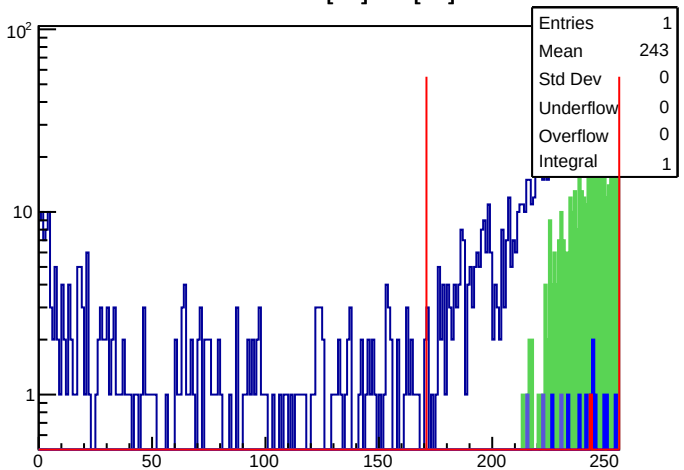

pKurama Sch[57]-Tof[21]
Entries 327
Mean 0.5561
Std Dev 0.03441
Underflow 0
Overflow 0
Integral 327
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

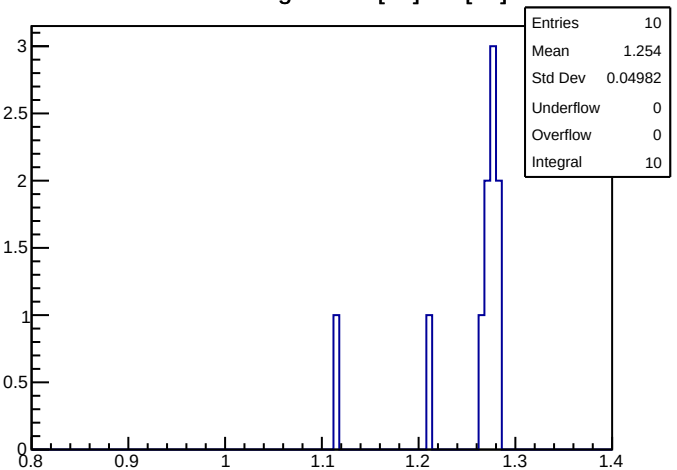

sftx all Sch[57]-Tof[22]
Entries 4
Mean 250.8
Std Dev 4.603
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

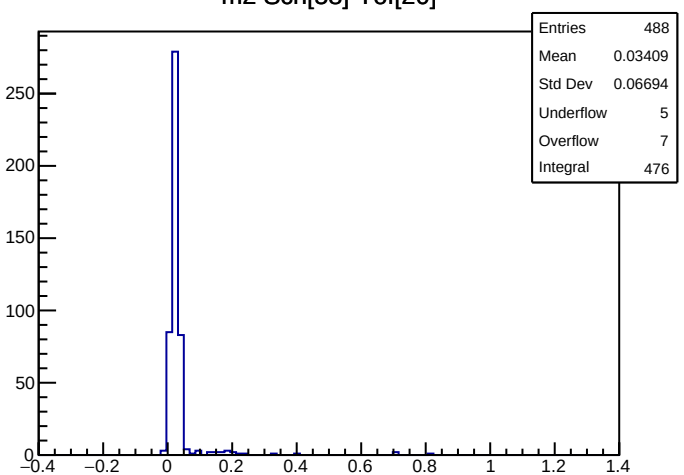

MissMass Sigma Sch[57]-Tof[22]
Entries 4
Mean 1.222
Std Dev 0.007563
Underflow 0
Overflow 0
Integral 4
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

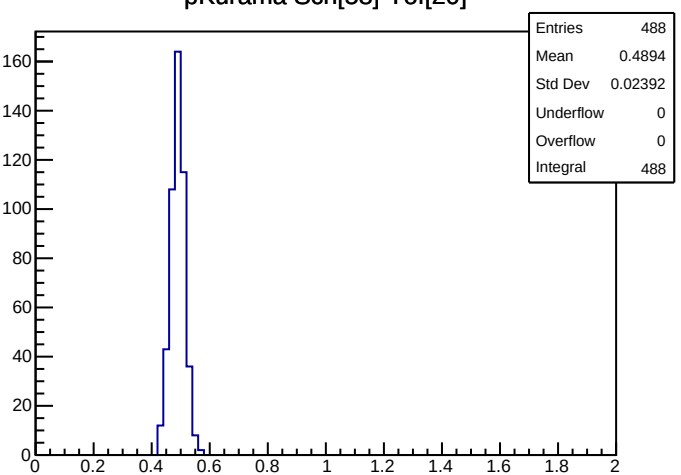

m2 Sch[57]-Tof[22]
Entries 36
Mean 0.08261
Std Dev 0.1303
Underflow 1
Overflow 0
Integral 35
10
8
6
4
2
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

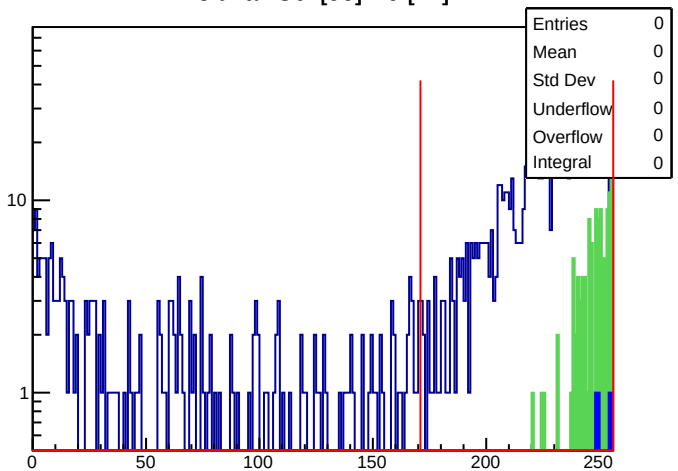

pKurama Sch[57]-Tof[22]
Entries 36
Mean 0.615
Std Dev 0.03089
Underflow 0
Overflow 0
Integral 36
10
8
6
4
2
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

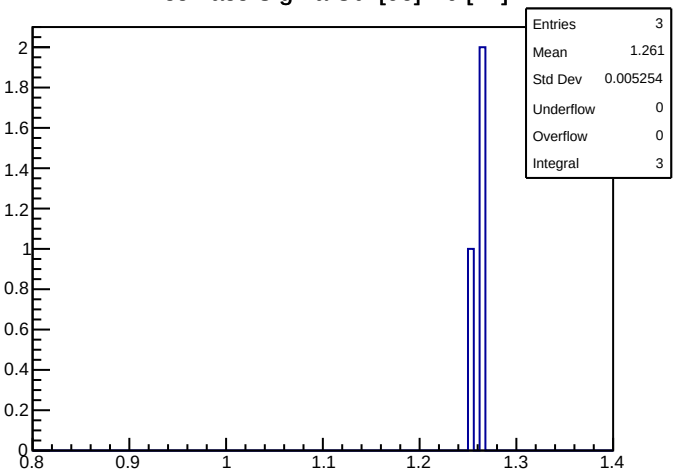

sftx all Sch[58]-Tof[20]
Entries 1
Mean 243
Std Dev 0
Underflow 0
Overflow 0
Integral 1

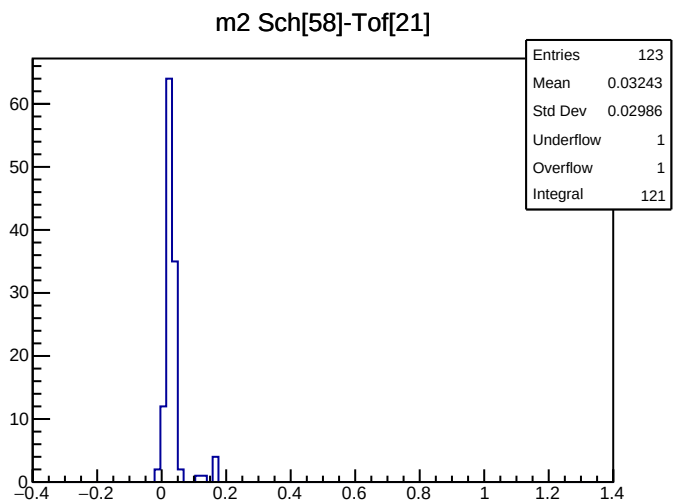

MissMass Sigma Sch[58]-Tof[20]
Entries 10
Mean 1.254
Std Dev 0.04982
Underflow 0
Overflow 0
Integral 10

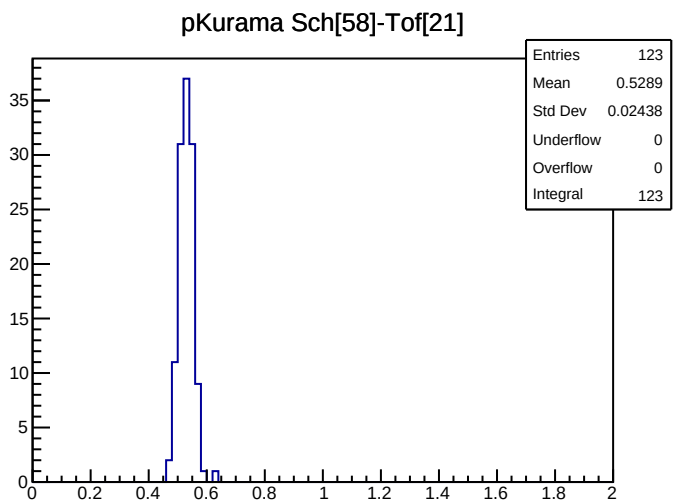

m2 Sch[58]-Tof[20]
Entries 488
Mean 0.03409
Std Dev 0.06694
Underflow 5
Overflow 7
Integral 476

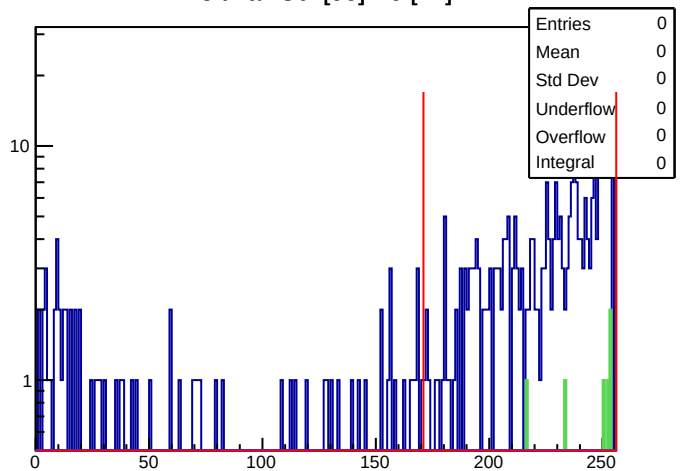

pKurama Sch[58]-Tof[20]
Entries 488
Mean 0.4894
Std Dev 0.02392
Underflow 0
Overflow 0
Integral 488

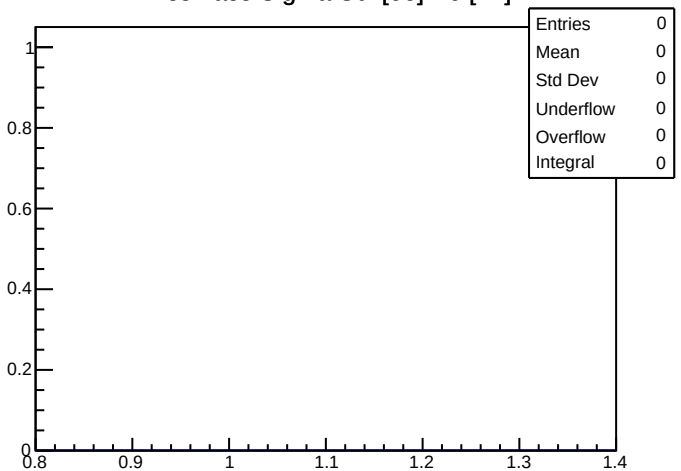

sftx all Sch[58]-Tof[21]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

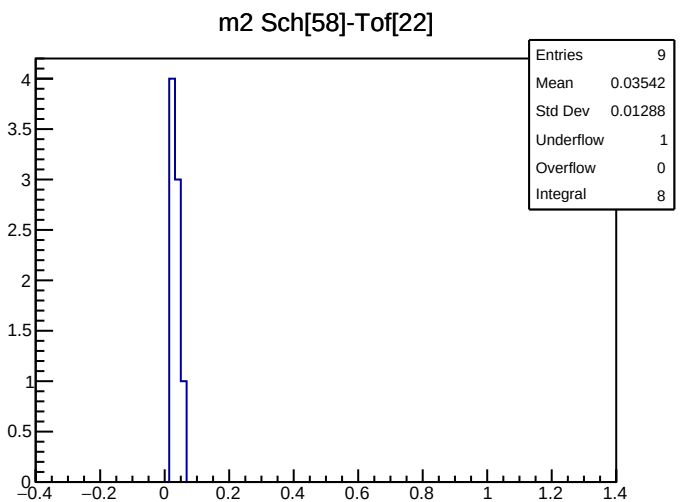

MissMass Sigma Sch[58]-Tof[21]
Entries 3
Mean 1.261
Std Dev 0.005254
Underflow 0
Overflow 0
Integral 3
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

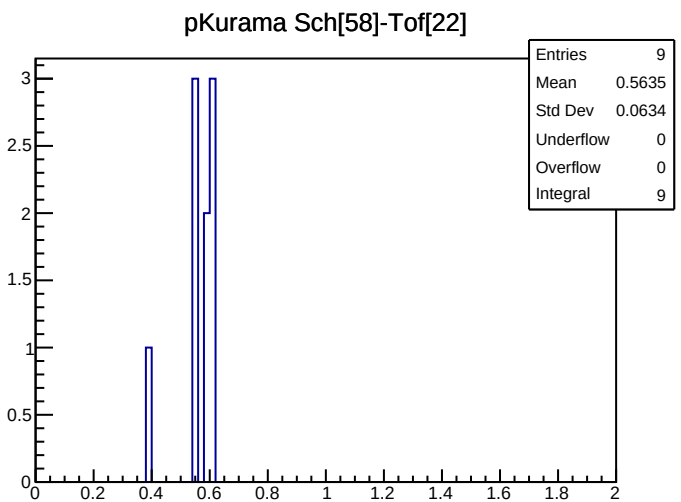

m2 Sch[58]-Tof[21]
Entries 123
Mean 0.03243
Std Dev 0.02986
Underflow 1
Overflow 1
Integral 121
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[58]-Tof[21]
Entries 123
Mean 0.5289
Std Dev 0.02438
Underflow 0
Overflow 0
Integral 123
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2


sftx all Sch[58]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250


MissMass Sigma Sch[58]-Tof[22]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4


m2 Sch[58]-Tof[22]
Entries 9
Mean 0.03542
Std Dev 0.01288
Underflow 1
Overflow 0
Integral 8
4
3.5
3
2.5
2
1.5
1
0.5
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[58]-Tof[22]
Entries 9
Mean 0.5635
Std Dev 0.0634
Underflow 0
Overflow 0
Integral 9
3
2.5
2
1.5
1
0.5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2